

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016965.D
 Acq On : 25 Jun 2020 20:22
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 08:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174650	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	316571	100.45	ug/l	0.00
Spiked Amount			Recovery	=	200.90%	
35) Dibromofluoromethane	5.47	113	242899	117.88	ug/l	0.00
Spiked Amount			Recovery	=	235.76%	
50) Toluene-d8	8.70	98	890408	103.90	ug/l	0.00
Spiked Amount			Recovery	=	207.80%	
62) 4-Bromofluorobenzene	11.12	95	357934	103.59	ug/l	0.00
Spiked Amount			Recovery	=	207.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	238776	102.313	ug/l	99
3) Chloromethane	1.31	50	258189	102.117	ug/l	99
4) Vinyl Chloride	1.39	62	263617	84.945	ug/l	99
5) Bromomethane	1.62	94	166177	129.240	ug/l	98
6) Chloroethane	1.70	64	177748	93.914	ug/l	100
7) Trichlorofluoromethane	1.91	101	454816	117.344	ug/l	96
8) Diethyl Ether	2.17	74	158152	89.577	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	238593	100.191	ug/l	99
10) Methyl Iodide	2.49	142	314739	120.548	ug/l	98
11) Tert butyl alcohol	3.03	59	303522	458.438	ug/l	100
12) 1,1-Dichloroethene	2.36	96	236618	95.395	ug/l	96
13) Acrolein	2.28	56	250998	584.538	ug/l	99
14) Allyl chloride	2.70	41	448954	101.318	ug/l	99
15) Acrylonitrile	3.12	53	702850	484.961	ug/l	100
16) Acetone	2.42	43	618265	521.555	ug/l	100
17) Carbon Disulfide	2.55	76	724699	95.342	ug/l	99
18) Methyl Acetate	2.75	43	299530	86.757	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	851332	96.084	ug/l	99
20) Methylene Chloride	2.83	84	269608	93.915	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	263183	95.241	ug/l	98
22) Diisopropyl ether	3.82	45	903679	103.245	ug/l	100
23) Vinyl Acetate	3.79	43	4048725	559.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	483704	97.431	ug/l	99
25) 2-Butanone	4.64	43	978488	512.785	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399573	92.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	291111	93.415	ug/l	99
28) Bromochloromethane	4.98	49	215453	98.058	ug/l	100
29) Tetrahydrofuran	5.09	42	646921	512.227	ug/l	99
30) Chloroform	5.18	83	491250	99.832	ug/l	96
31) Cyclohexane	5.55	56	426362	92.731	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	446791	100.538	ug/l	99
36) 1,1-Dichloropropene	5.77	75	370575	104.976	ug/l	99
37) Ethyl Acetate	4.79	43	400134	111.295	ug/l	99
38) Carbon Tetrachloride	5.76	117	397720	119.867	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	414874	98.260	ug/l	100
40) Benzene	6.12	78	1049396	102.181	ug/l	100
41) Methacrylonitrile	5.01	41	224859	111.069	ug/l	96
42) 1,2-Dichloroethane	6.17	62	412538	112.210	ug/l	100
43) Isopropyl Acetate	6.42	43	666179	112.908	ug/l	99
44) Trichloroethene	7.19	130	279564	90.375	ug/l	97
45) 1,2-Dichloropropane	7.49	63	273291	103.599	ug/l	97
46) Dibromomethane	7.63	93	190714	107.865	ug/l	98
47) Bromodichloromethane	7.88	83	399301	110.246	ug/l	98
48) Methyl methacrylate	7.74	41	325324	112.255	ug/l	99
49) 1,4-Dioxane	7.71	88	124332	1963.674	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1988157	575.214	ug/l	99
52) Toluene	8.76	92	654078	100.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	446320	104.007	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	459583	102.434	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	263599	101.476	ug/l	98
56) Ethyl methacrylate	9.16	69	436491	104.920	ug/l	99
57) 1,3-Dichloropropane	9.35	76	451521	101.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1095412	529.418	ug/l	100
59) 2-Hexanone	9.48	43	1509894	576.097	ug/l	99
60) Dibromochloromethane	9.57	129	314825	119.311	ug/l	98
61) 1,2-Dibromoethane	9.65	107	283922	105.134	ug/l	99
64) Tetrachloroethene	9.32	164	232910	70.696	ug/l	98
65) Chlorobenzene	10.12	112	711455	102.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	265653	106.547	ug/l	98
67) Ethyl Benzene	10.24	91	1293847	100.959	ug/l	100
68) m/p-Xylenes	10.34	106	968897	205.810	ug/l	99
69) o-Xylene	10.68	106	466893	101.998	ug/l	100
70) Styrene	10.70	104	827958	105.100	ug/l	100
71) Bromoform	10.84	173	222733	127.679	ug/l #	97
73) Isopropylbenzene	11.00	105	1266629	98.574	ug/l	100
74) N-amyl acetate	10.88	43	620089	109.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	397884	128.651	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	492073	131.335	ug/l	86
77) Bromobenzene	11.24	156	310210	104.560	ug/l	99
78) n-propylbenzene	11.34	91	1516875	99.852	ug/l	100
79) 2-Chlorotoluene	11.41	91	882405	98.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1079215	98.965	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	149665	92.225	ug/l	98
82) 4-Chlorotoluene	11.49	91	1057339	98.886	ug/l	99
83) tert-Butylbenzene	11.76	119	1049146	111.441	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1078442	96.272	ug/l	100
85) sec-Butylbenzene	11.93	105	1242316	98.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	1135894	99.035	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553259	101.415	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	560868	99.991	ug/l	100
89) n-Butylbenzene	12.37	91	1037598	96.430	ug/l	99
90) Hexachloroethane	12.58	117	221062	118.436	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	520235	99.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92718	99.474	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
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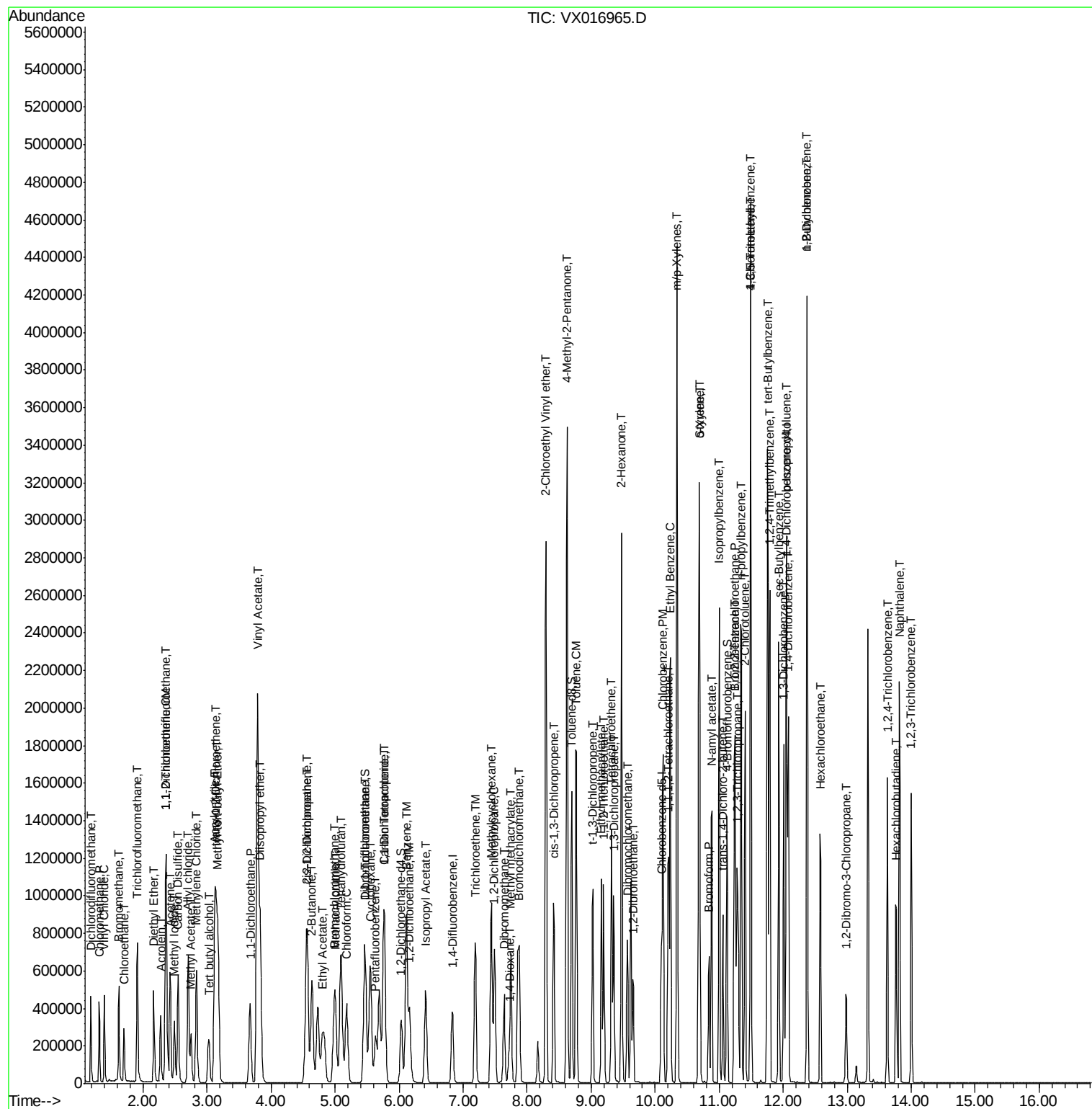
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354083	104.194	ug/l	100
94) Hexachlorobutadiene	13.77	225	123917	103.234	ug/l	97
95) Naphthalene	13.82	128	1210392	99.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	349141	108.217	ug/l	97

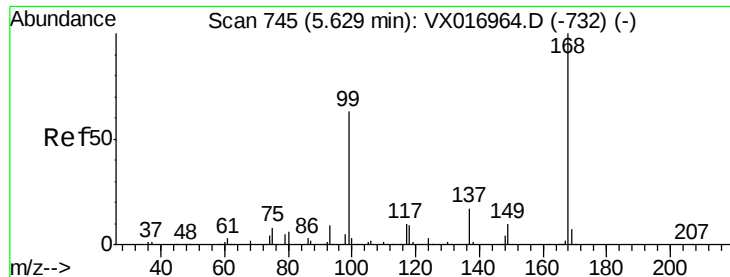
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

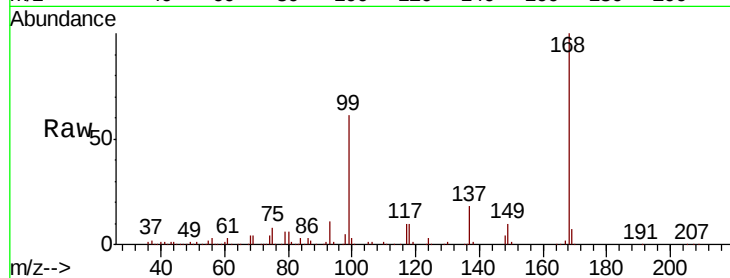
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 220743

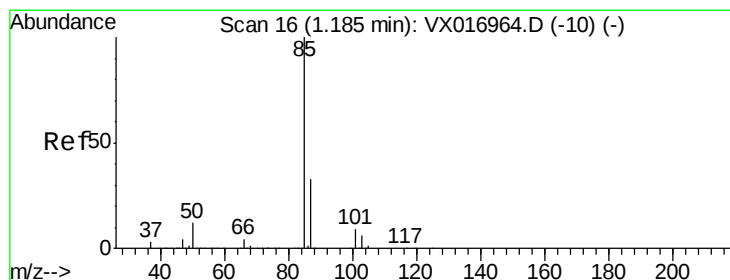
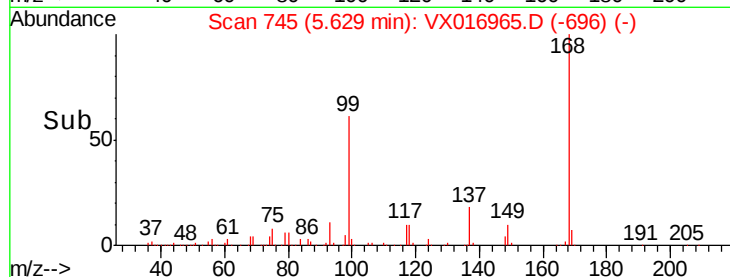
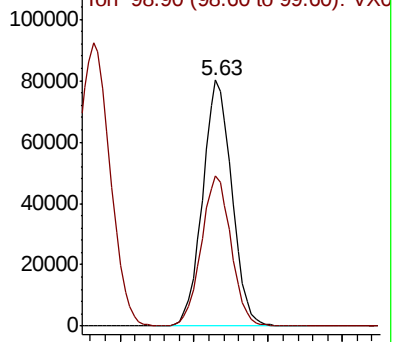
Ion Ratio Lower Upper

168 100

99 60.7 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): VX016964.D (-732) (-)



#2

Dichlorodifluoromethane

Concen: 102.313 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016965.D

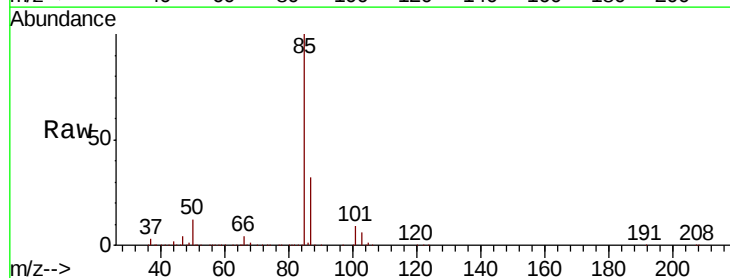
Acq: 25 Jun 2020 20:22

Tgt Ion: 85 Resp: 238776

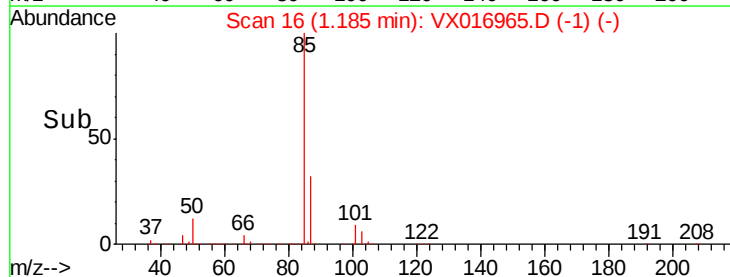
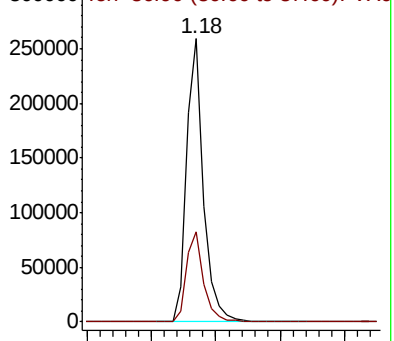
Ion Ratio Lower Upper

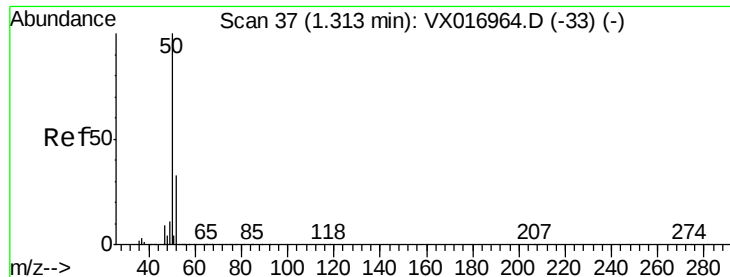
85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX016964.D (-10) (-)

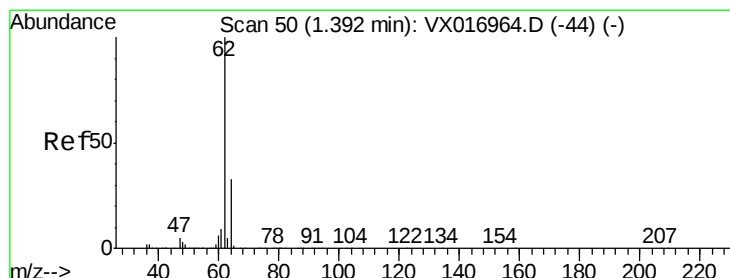
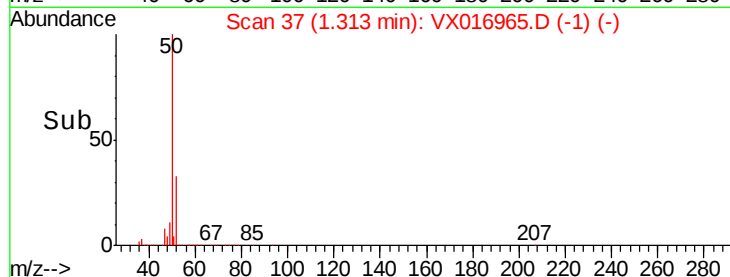
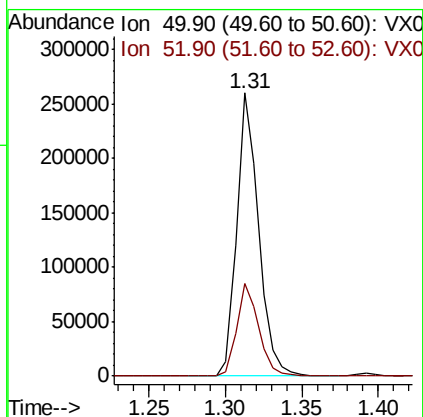
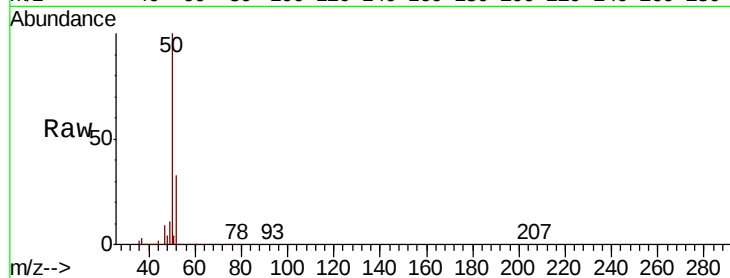




#3
Chloromethane
Concen: 102.117 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

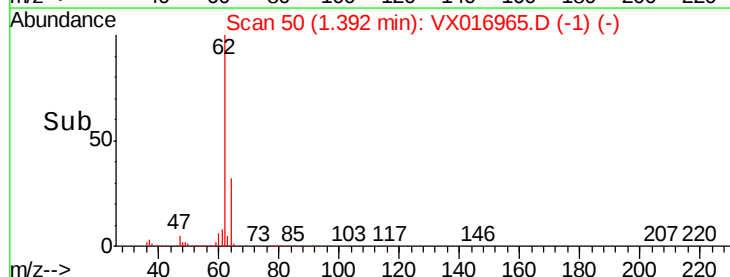
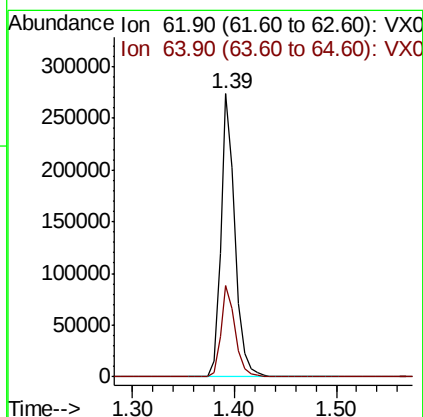
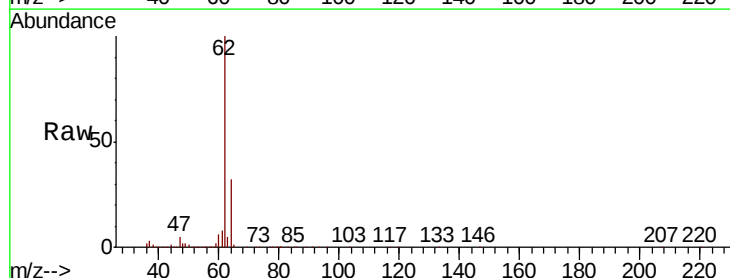
Instrument :
MSVOA_X
ClientSampleId :

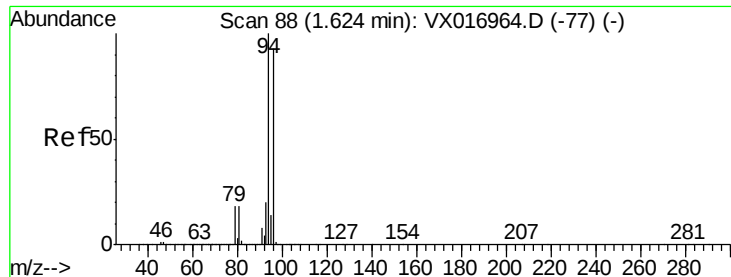
Tot Ion: 50 Resp: 258189
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 84.945 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 62 Resp: 263617
Ion Ratio Lower Upper
62 100
64 32.1 26.3 39.5





#5

Bromomethane

Concen: 129.240 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

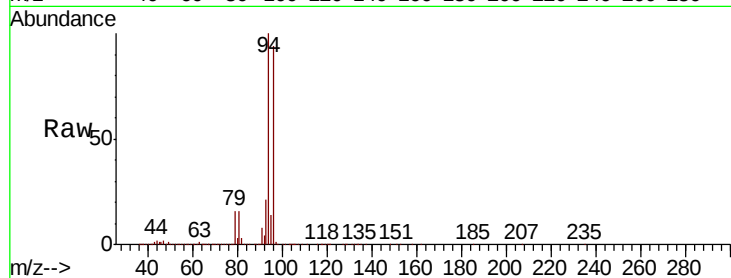
ClientSampleId :

Tot Ion: 94 Resp: 166177

Ion Ratio Lower Upper

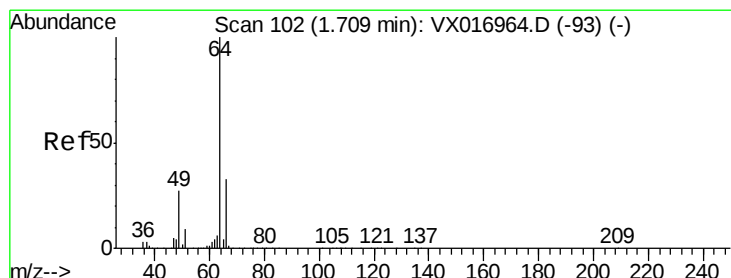
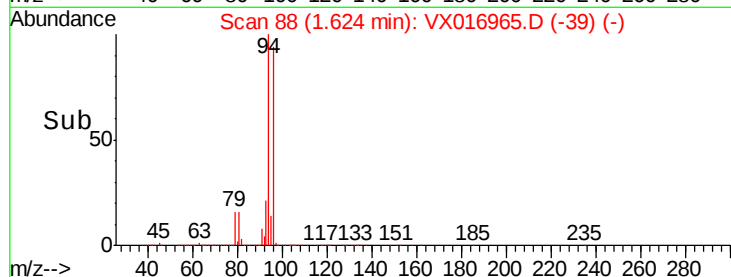
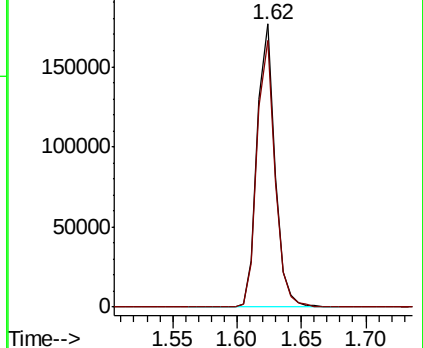
94 100

96 94.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 93.914 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016965.D

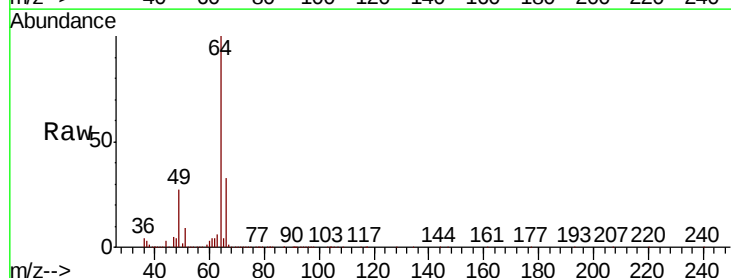
Acq: 25 Jun 2020 20:22

Tgt Ion: 64 Resp: 177748

Ion Ratio Lower Upper

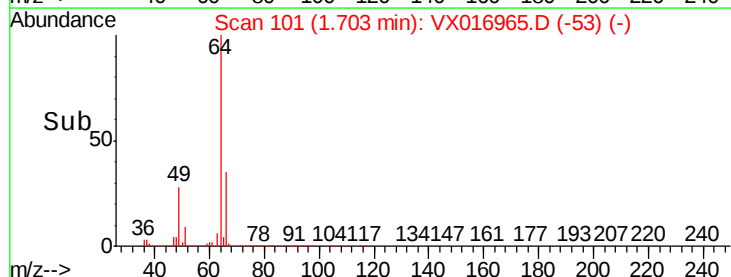
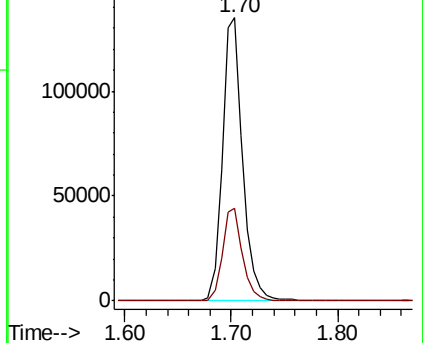
64 100

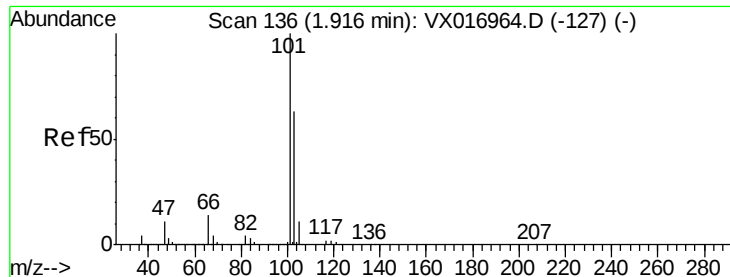
66 32.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



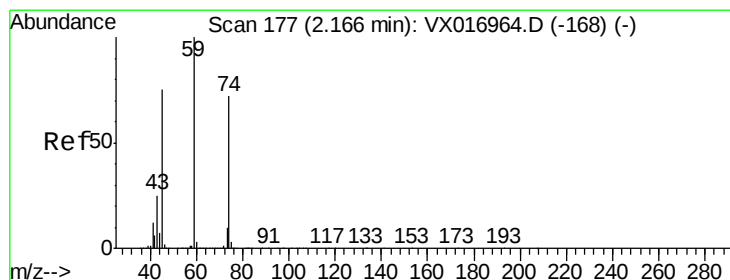
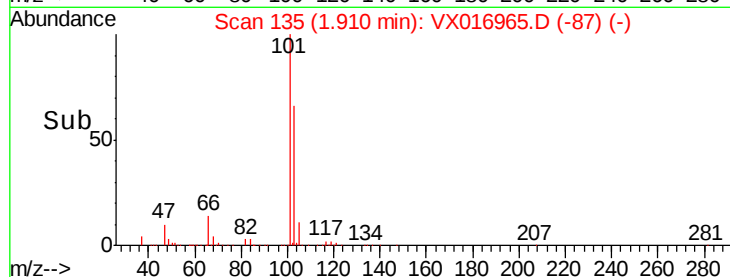
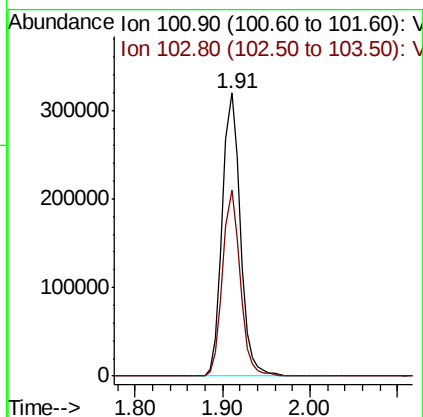
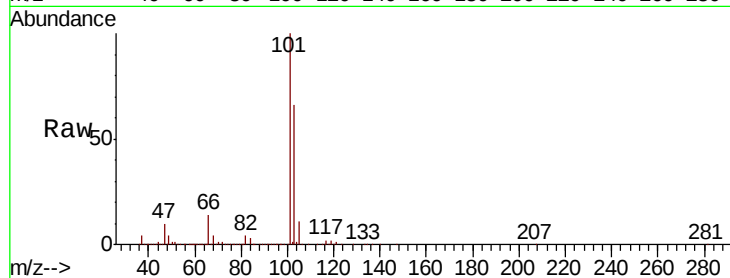


#7

Trichlorofluoromethane
Concen: 117.344 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
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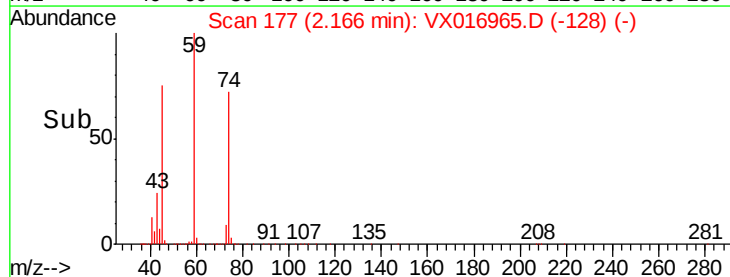
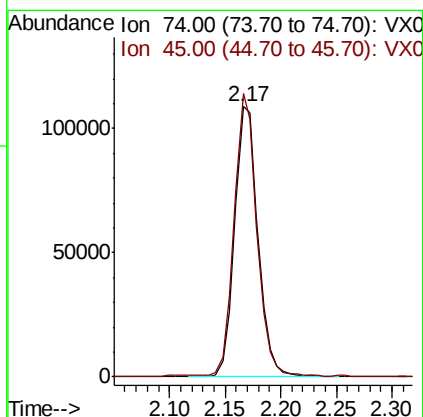
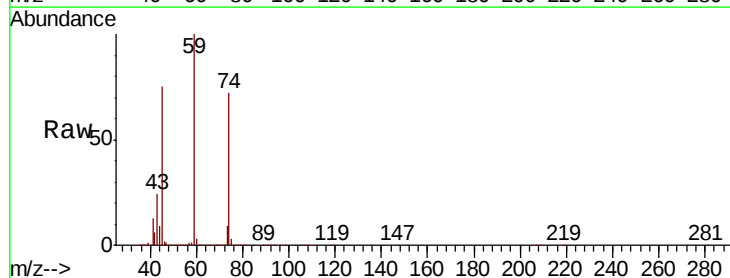
Tot Ion:101 Resp: 454816
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.4

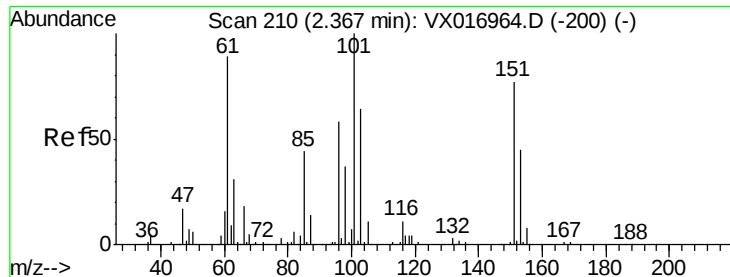


#8

Diethyl Ether
Concen: 89.577 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 74 Resp: 158152
Ion Ratio Lower Upper
74 100
45 101.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.191 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

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ClientSampleId :

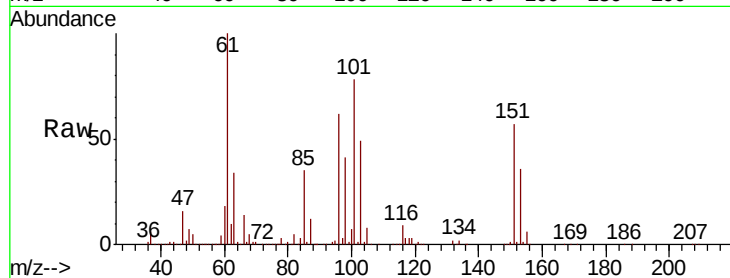
Tot Ion:101 Resp: 238593

Ion Ratio Lower Upper

101 100

85 45.3 36.8 55.2

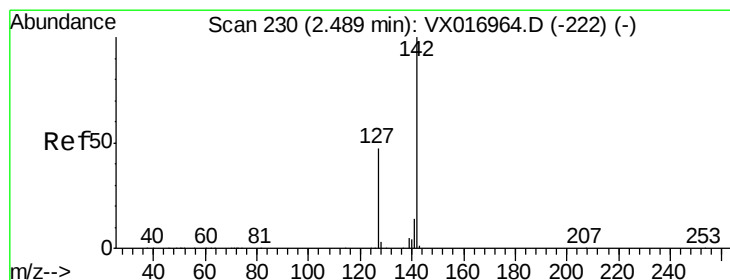
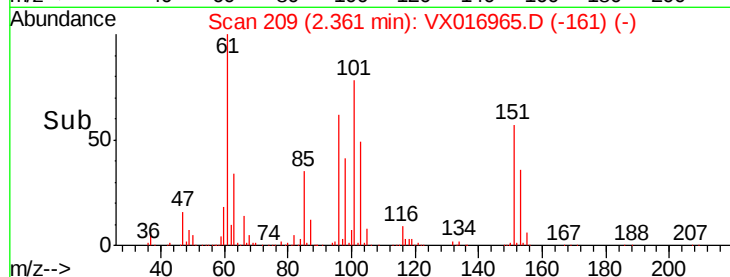
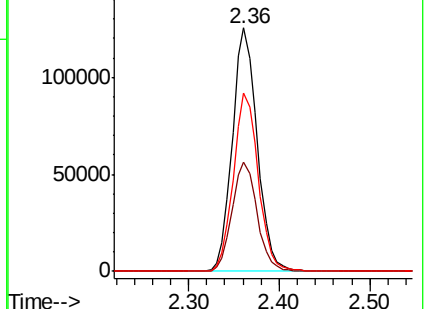
151 73.4 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 120.548 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

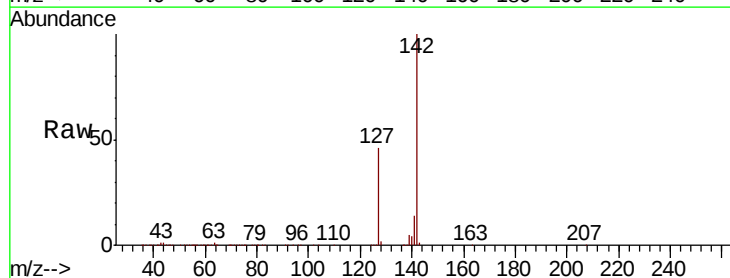
Tgt Ion:142 Resp: 314739

Ion Ratio Lower Upper

142 100

127 48.0 37.4 56.0

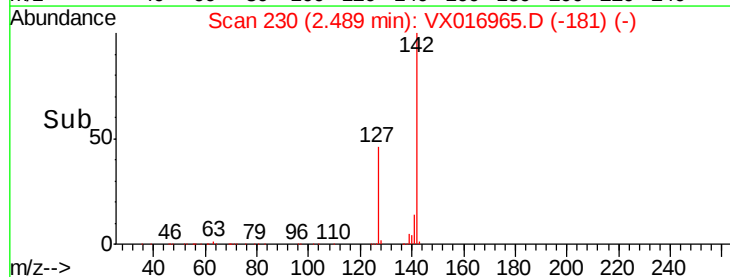
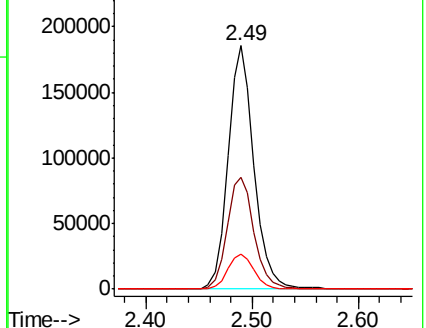
141 14.7 11.7 17.5

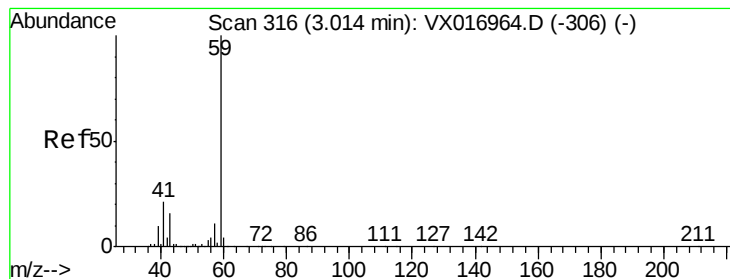


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



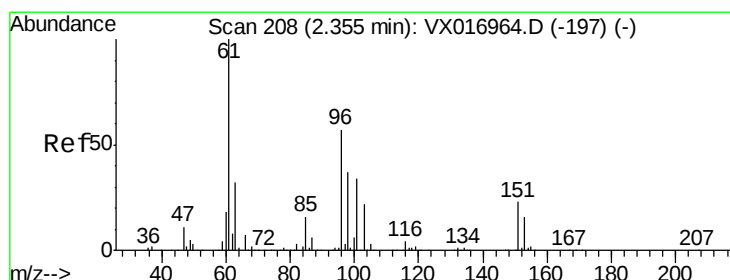
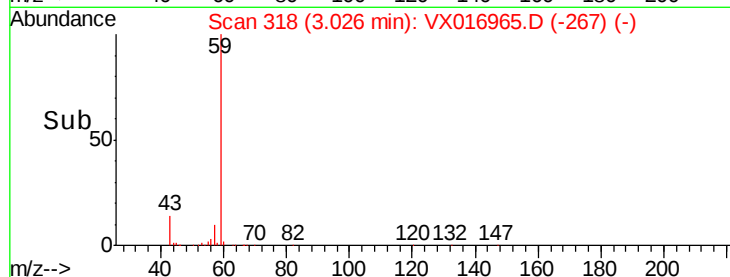
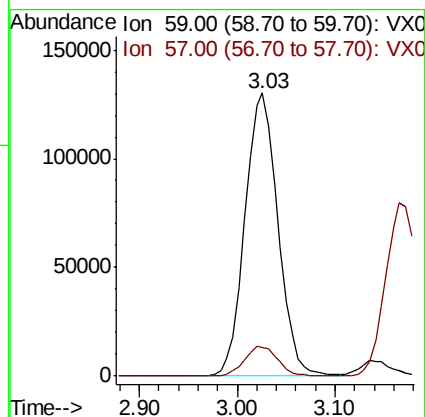
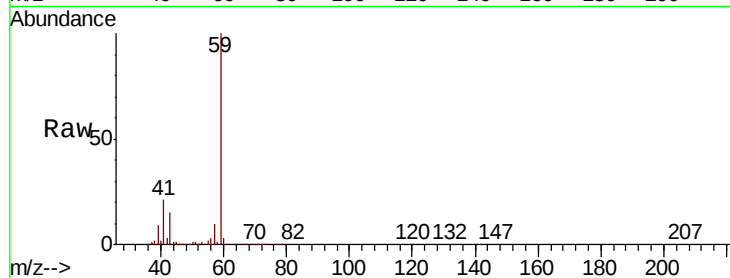


#11

Tert butyl alcohol
Concen: 458.438 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampled :

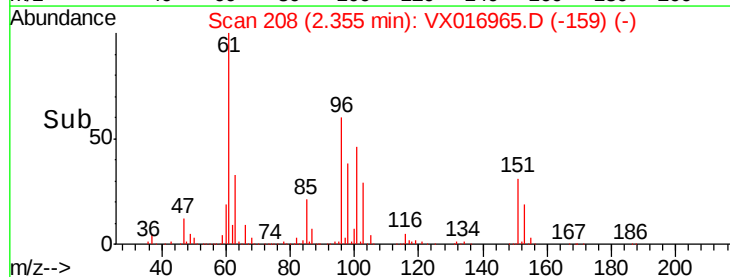
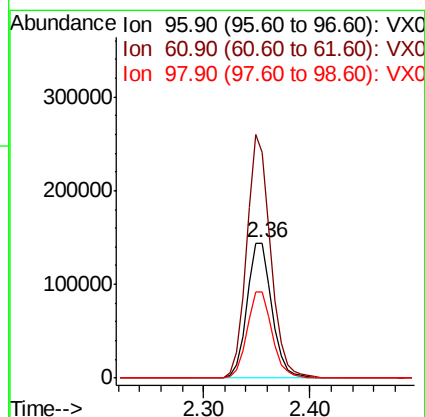
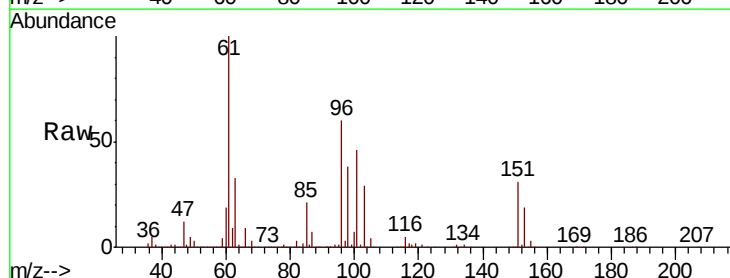
Tot Ion: 59 Resp: 303522
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

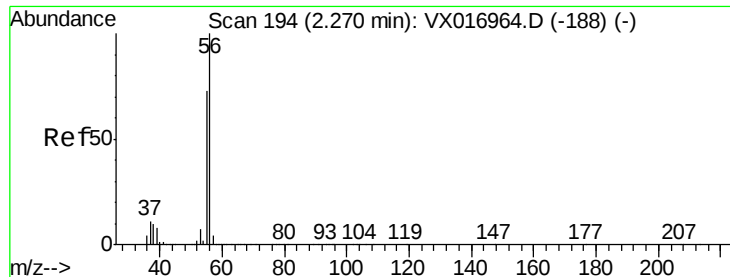


#12

1,1-Dichloroethene
Concen: 95.395 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 96 Resp: 236618
Ion Ratio Lower Upper
96 100
61 167.8 139.7 209.5
98 64.1 51.0 76.6





#13

Acrolein

Concen: 584.538 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

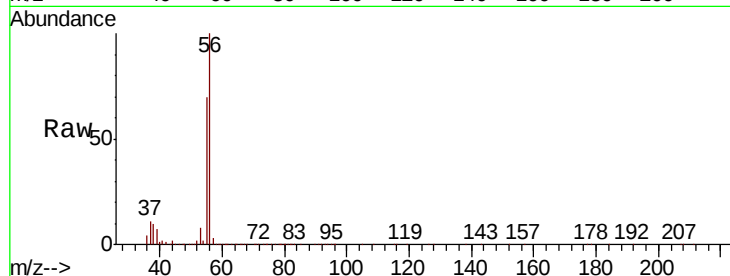
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 250998

Ion Ratio Lower Upper

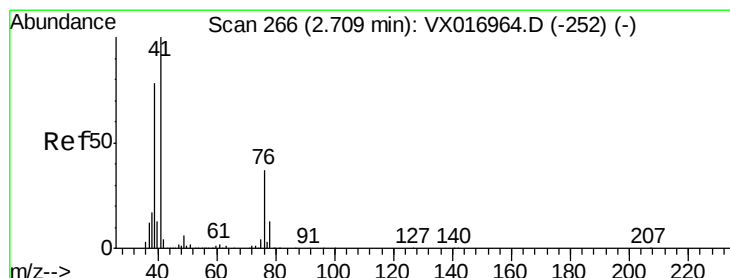
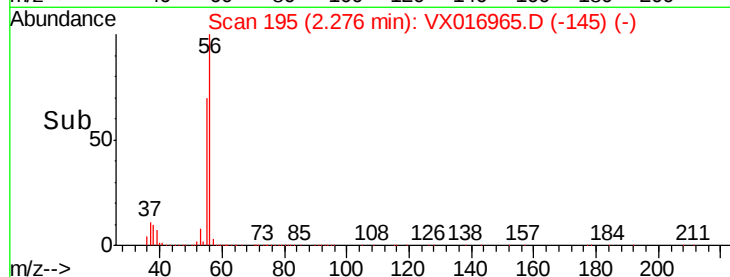
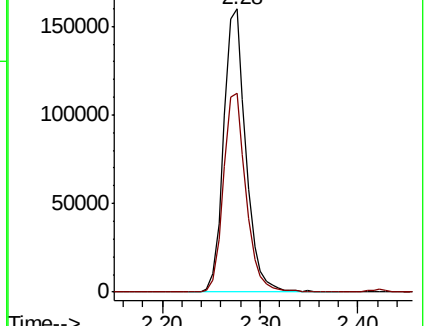
56 100

55 71.1 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 101.318 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

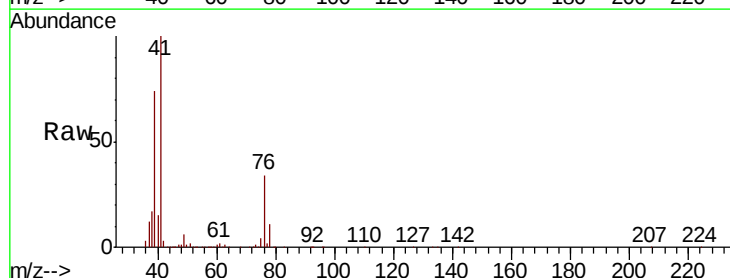
Tgt Ion: 41 Resp: 448954

Ion Ratio Lower Upper

41 100

39 69.7 56.4 84.6

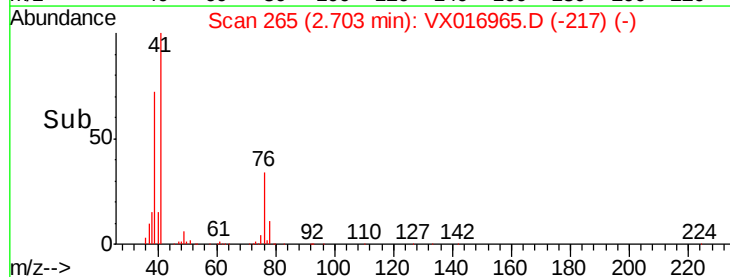
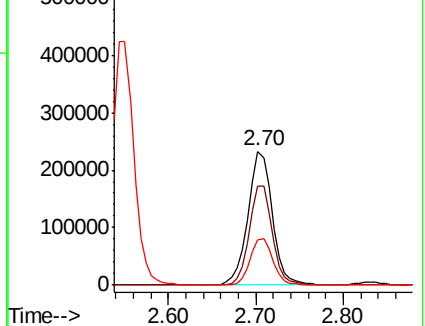
76 32.4 26.5 39.7

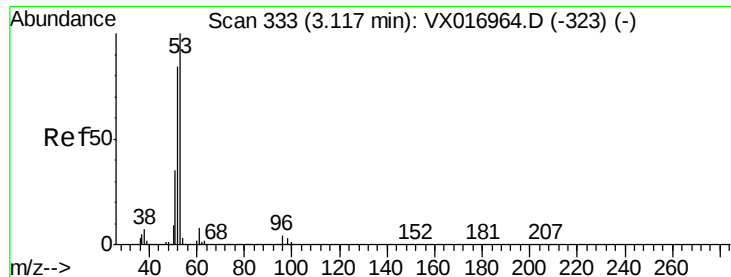


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 484.961 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

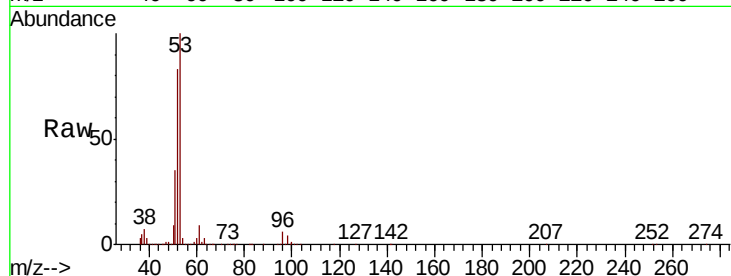
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 702850

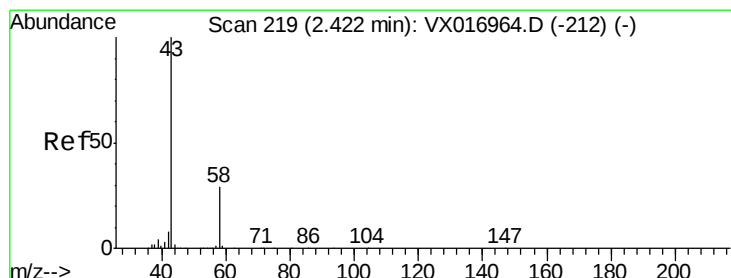
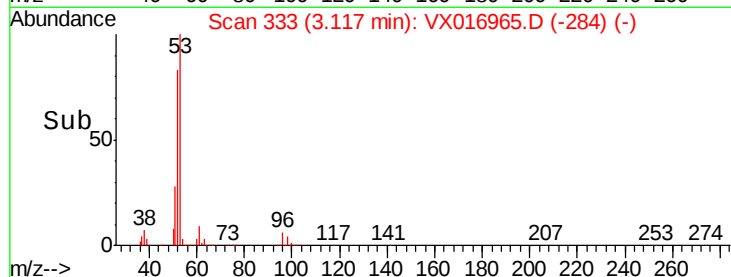
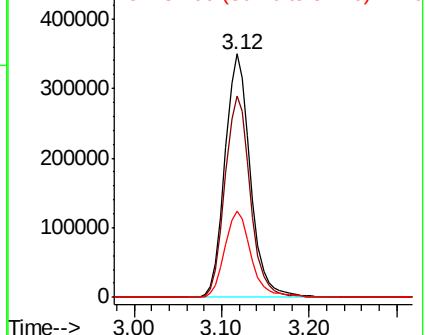
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.3	99.5
51	36.4	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 521.555 ug/l

RT: 2.42 min Scan# 219

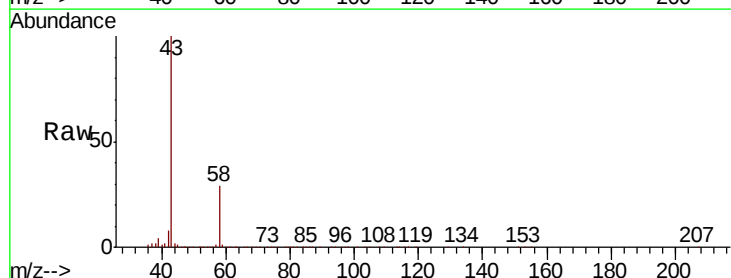
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

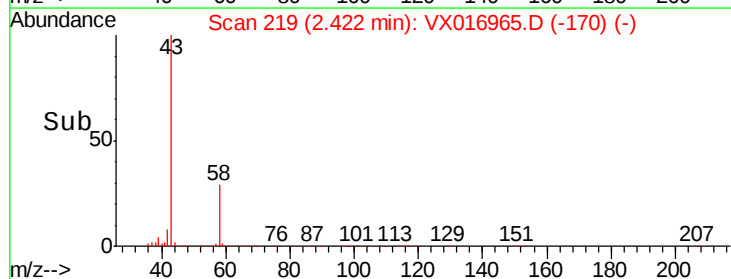
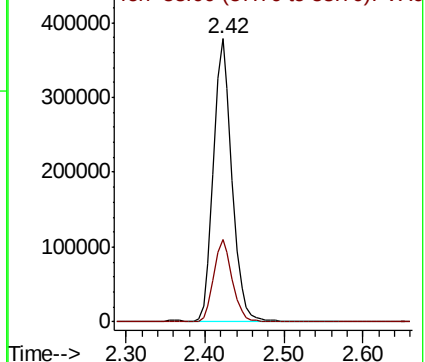
Tgt Ion: 43 Resp: 618265

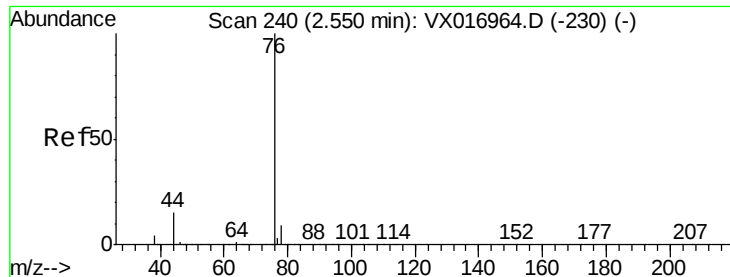
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.5	35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

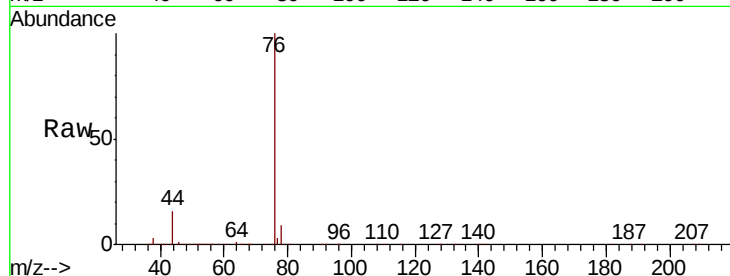




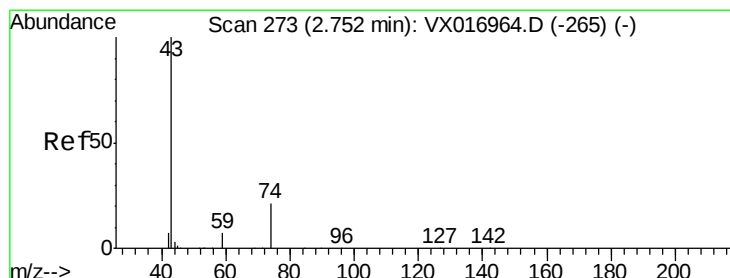
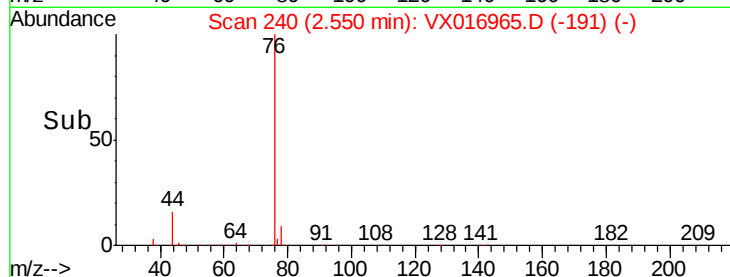
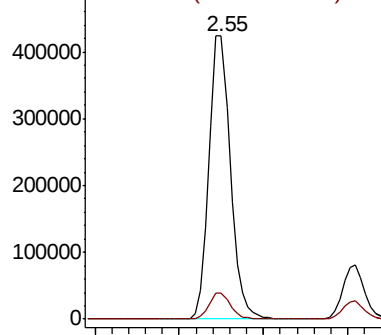
#17
Carbon Disulfide
Concen: 95.342 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 724699
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

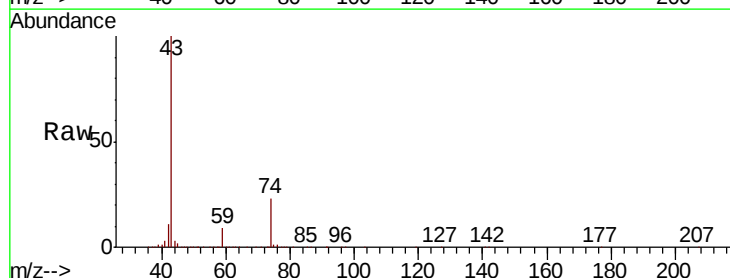


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

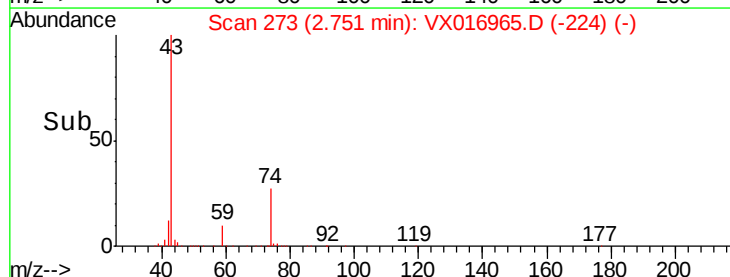
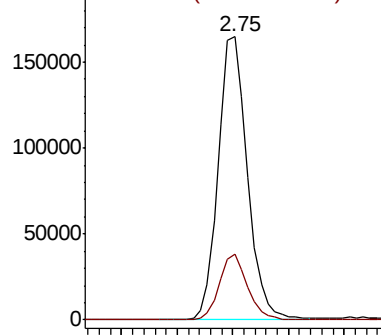


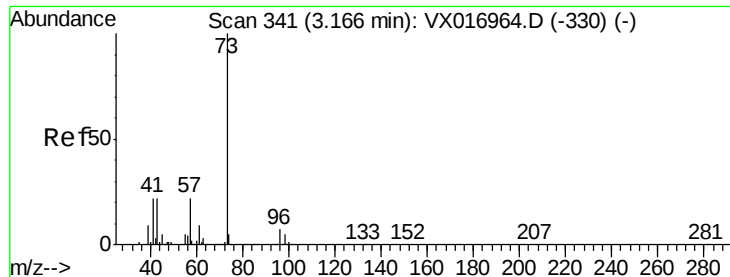
#18
Methyl Acetate
Concen: 86.757 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 43 Resp: 299530
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

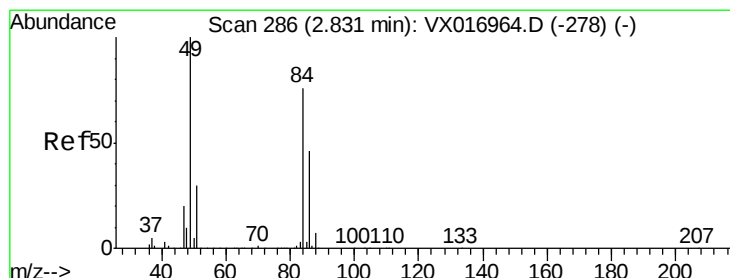
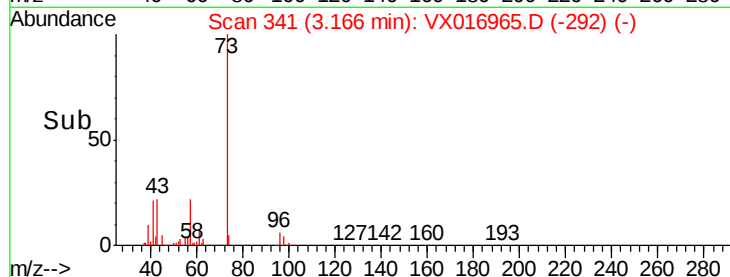
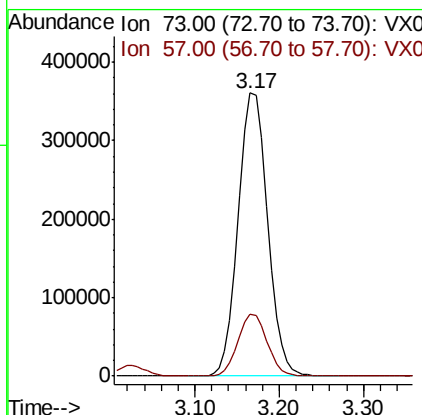
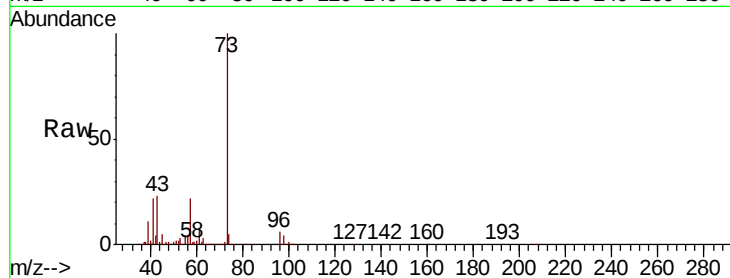




#19
Methvl tert-butvl Ether
Concen: 96.084 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

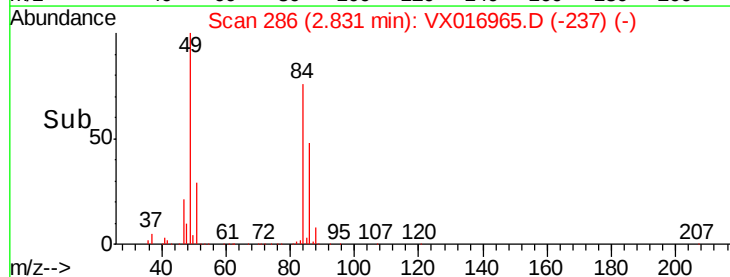
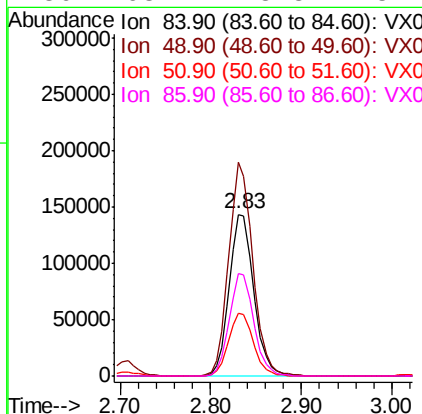
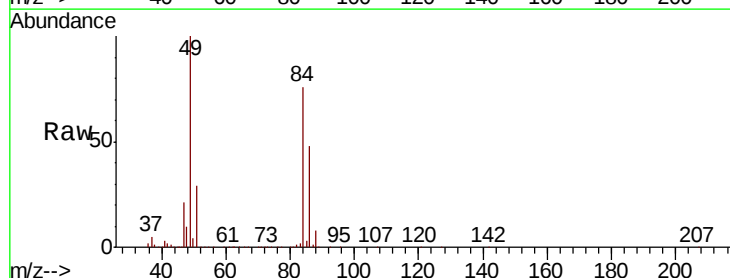
Instrument :
MSVOA_X
ClientSampleId :

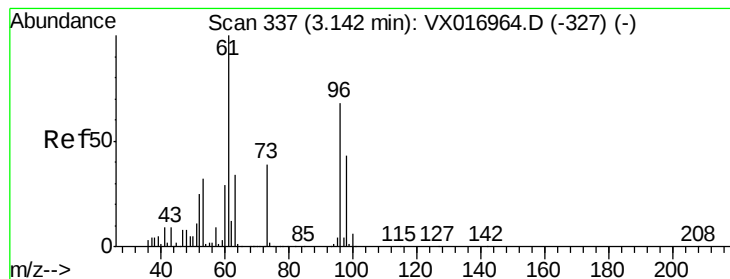
Tot Ion: 73 Resp: 851332
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 93.915 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 84 Resp: 269608
Ion Ratio Lower Upper
84 100
49 132.3 105.6 158.4
51 38.6 31.2 46.8
86 63.4 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 95.241 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampled :

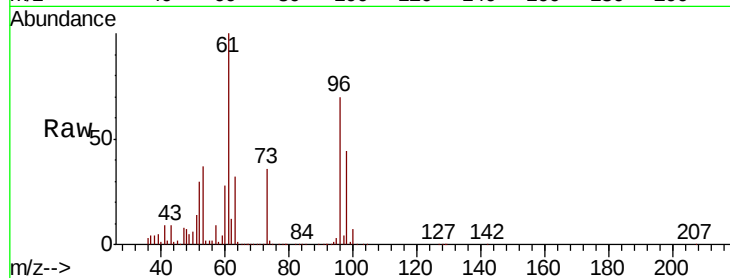
Tot Ion: 96 Resp: 263183

Ion Ratio Lower Upper

96 100

61 142.9 116.7 175.1

98 62.5 50.7 76.1

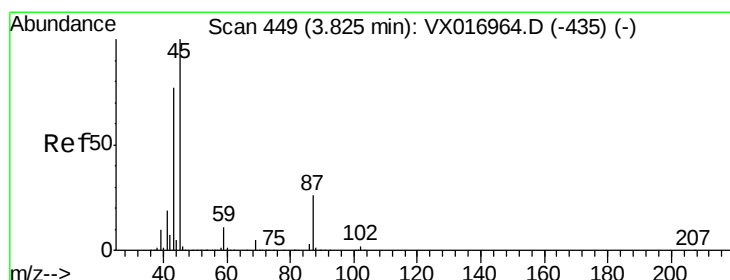
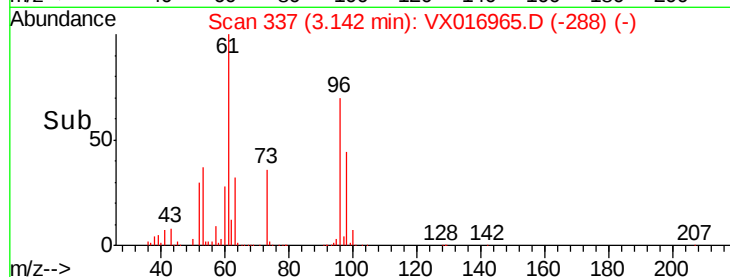
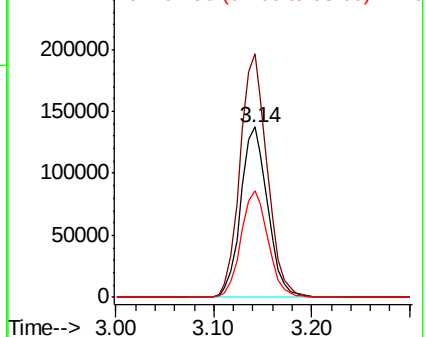


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 103.245 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion: 45 Resp: 903679

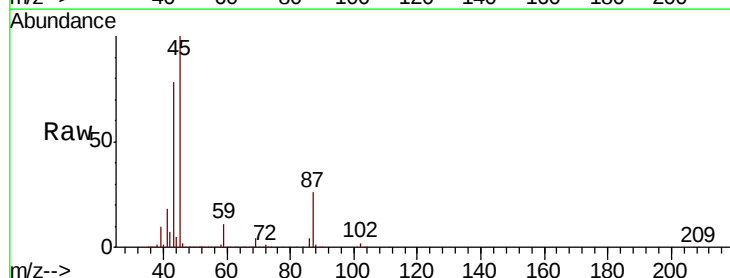
Ion Ratio Lower Upper

45 100

43 78.0 62.7 94.1

87 26.1 21.0 31.4

59 11.2 9.0 13.6



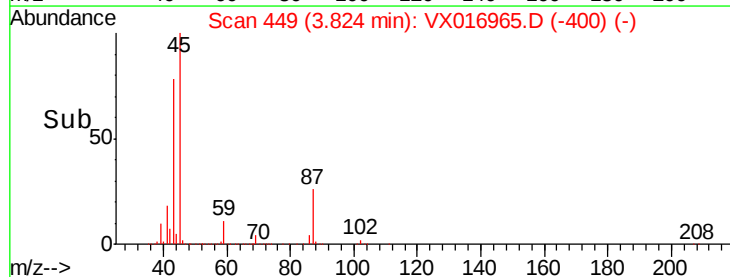
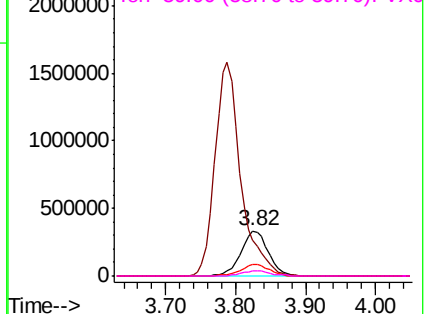
Abundance

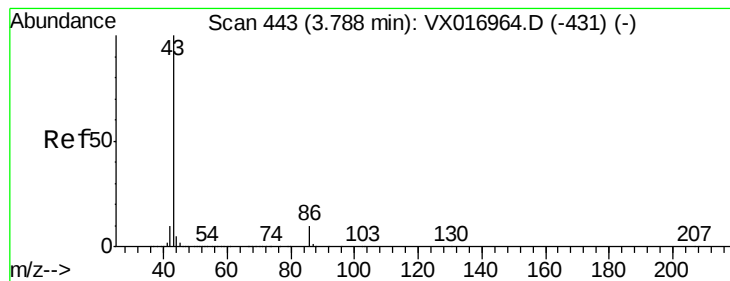
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 559.624 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

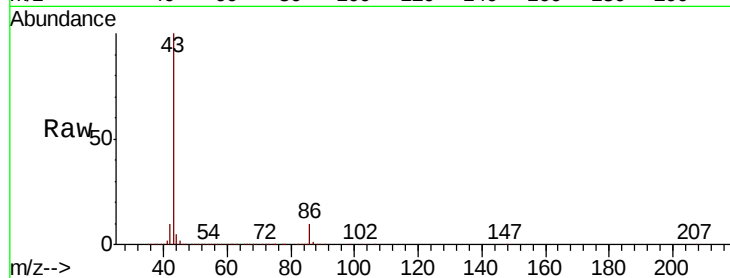
ClientSampleId :

Tot Ion: 43 Resp: 4048725

Ion Ratio Lower Upper

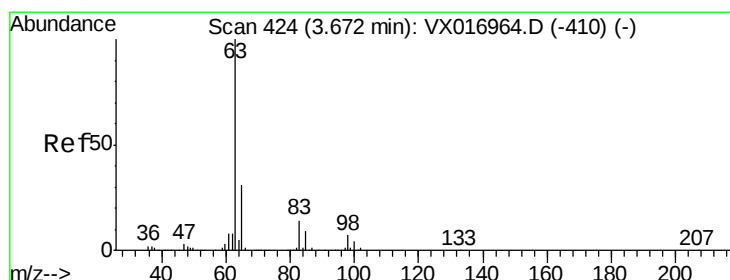
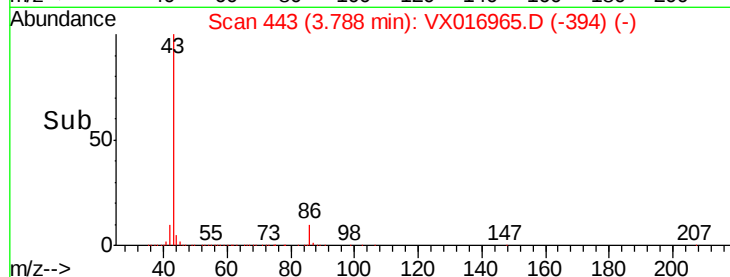
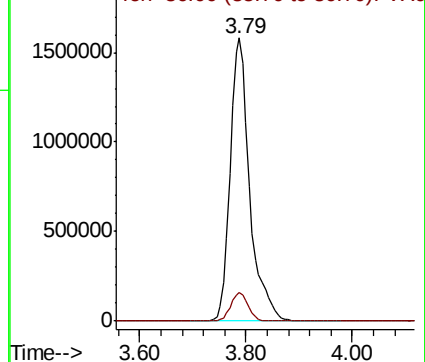
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 97.431 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

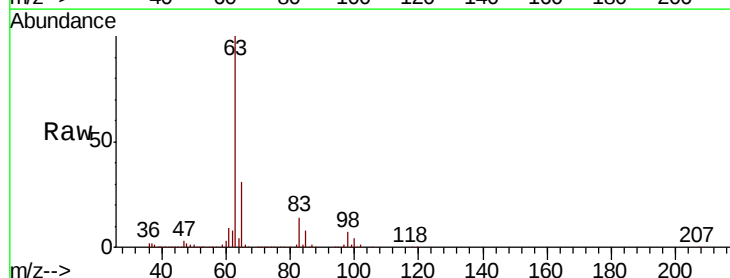
Tgt Ion: 63 Resp: 483704

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

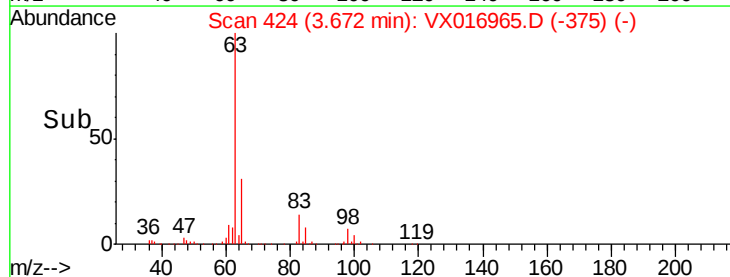
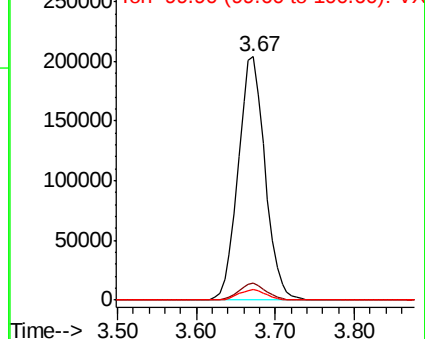
100 4.2 2.1 6.3

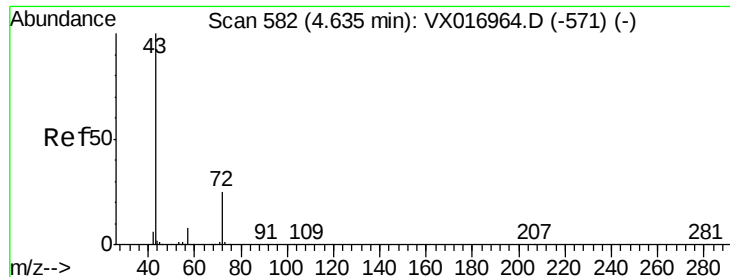


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 512.785 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

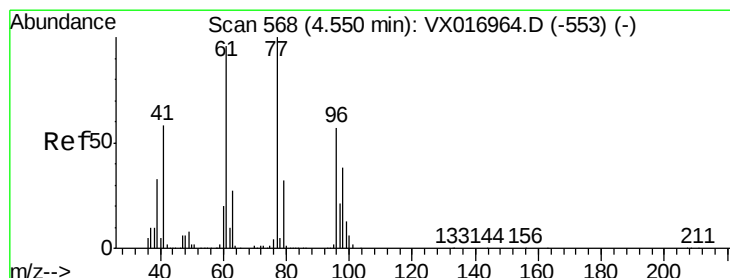
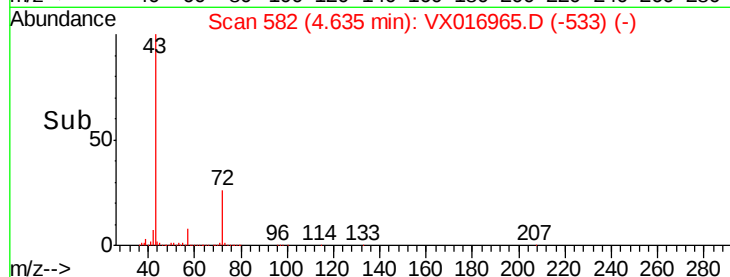
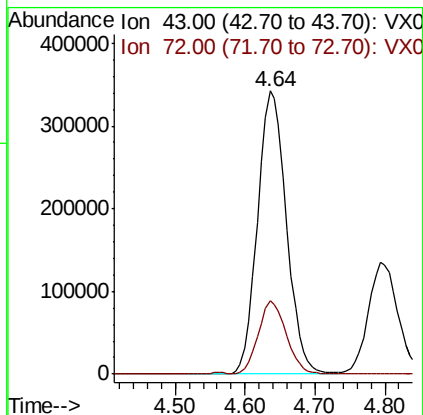
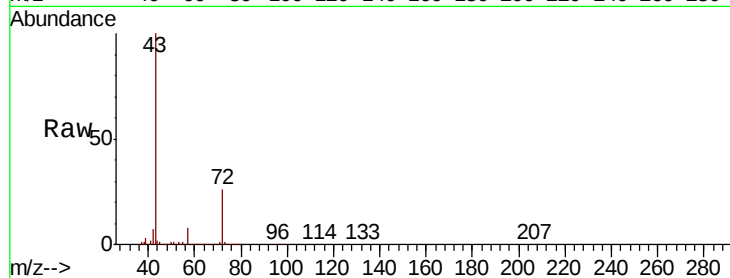
ClientSampleId :

Tot Ion: 43 Resp: 978488

Ion Ratio Lower Upper

43 100

72 25.9 20.0 30.0



#26

2,2-Dichloropropane

Concen: 92.266 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016965.D

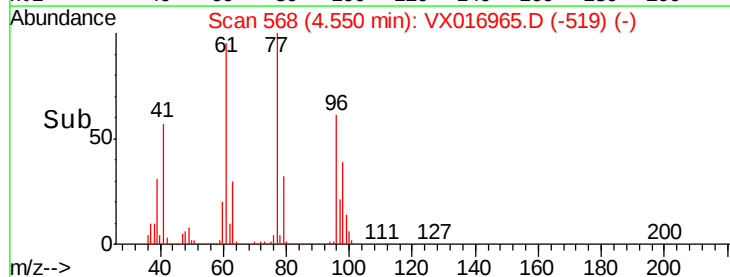
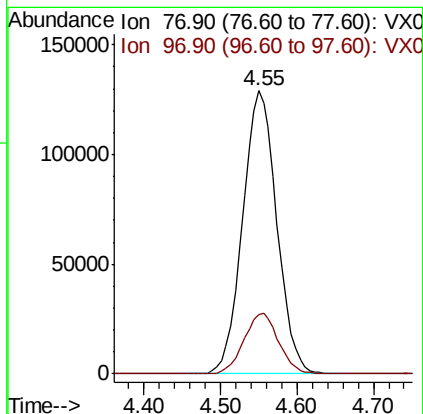
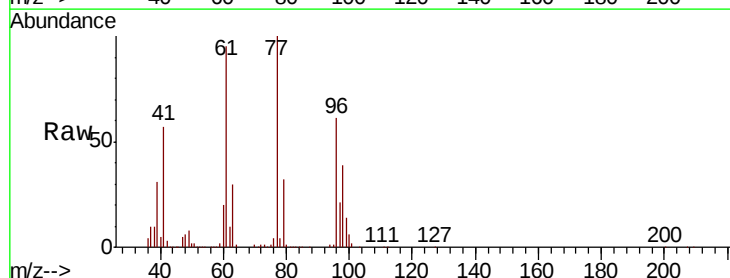
Acq: 25 Jun 2020 20:22

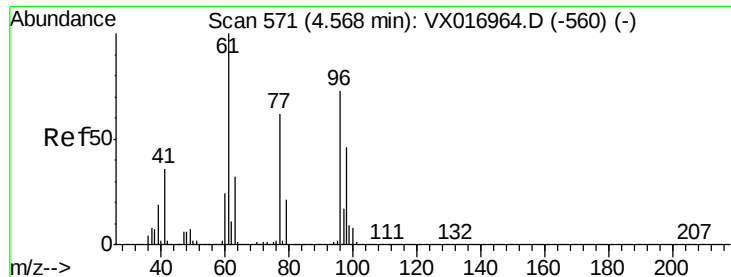
Tgt Ion: 77 Resp: 399573

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5



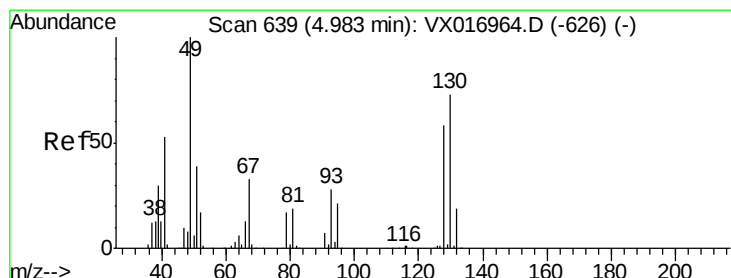
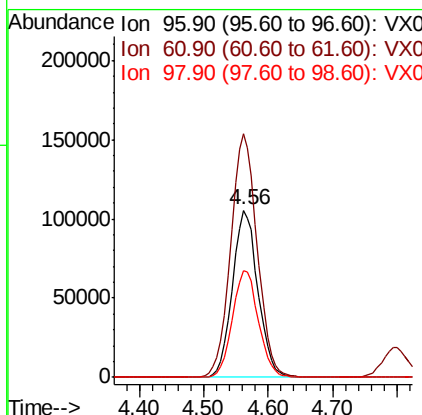
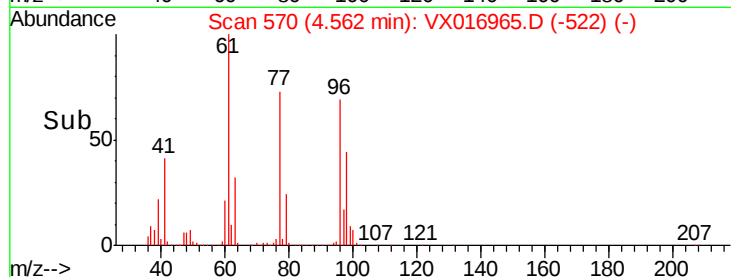
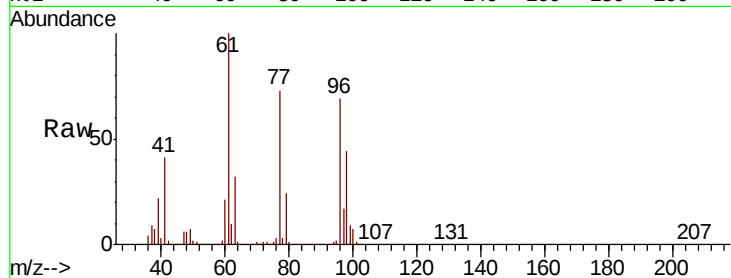


#27

cis-1,2-Dichloroethene
Concen: 93.415 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :

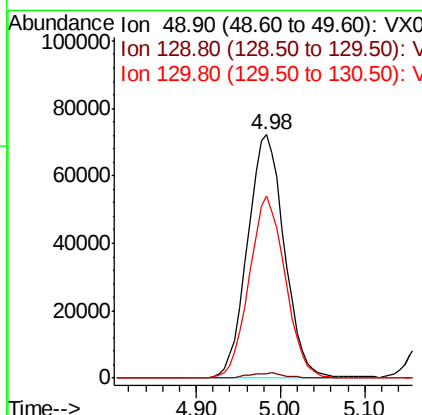
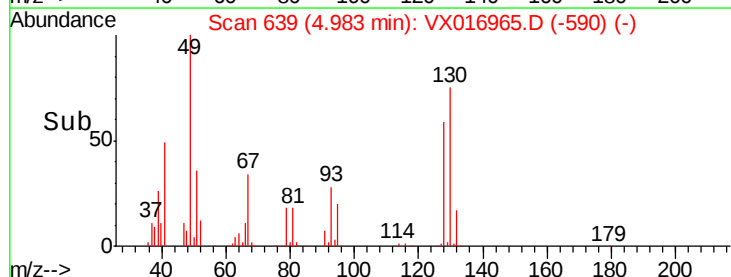
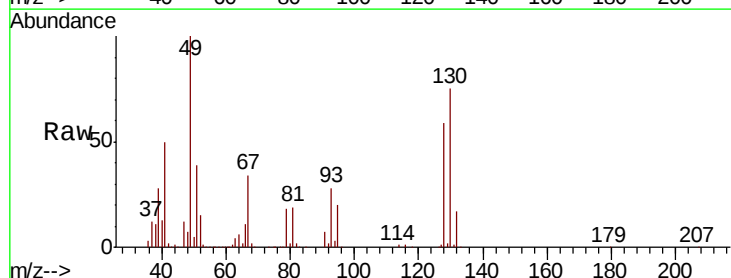
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	307.2
98	65.3	0.0	128.4

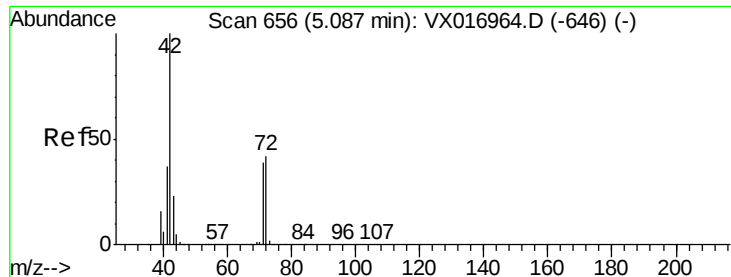


#28

Bromochloromethane
Concen: 98.058 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	73.1	58.7	88.1

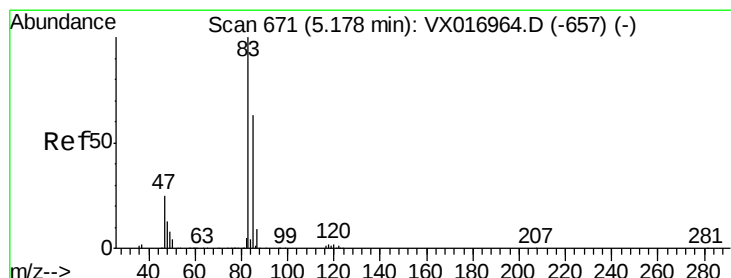
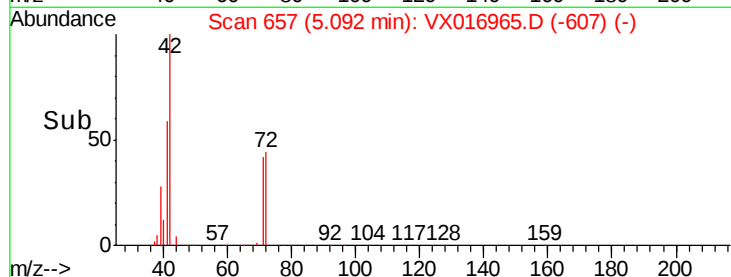
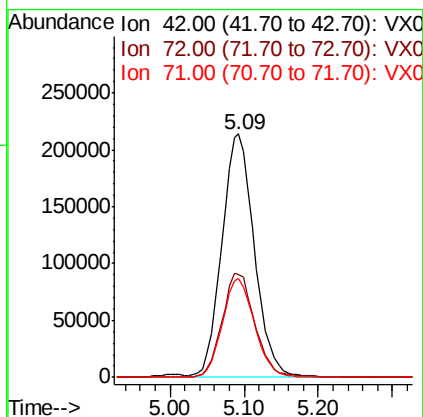
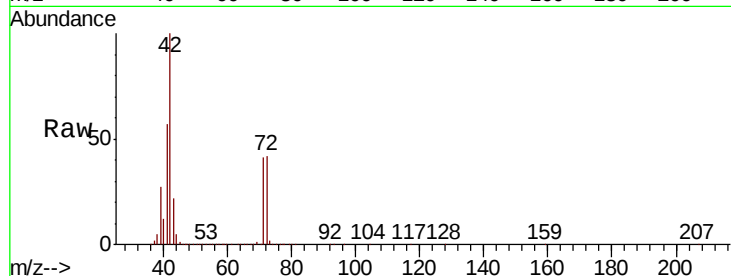




#29
Tetrahydrofuran
Concen: 512.227 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

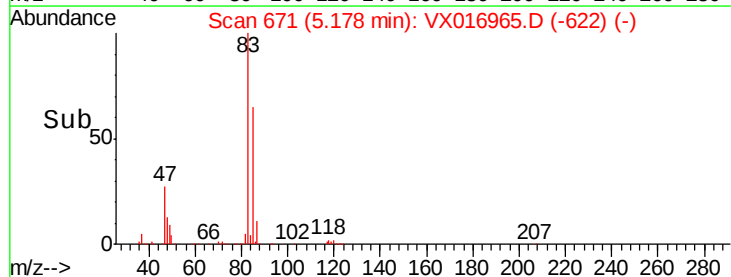
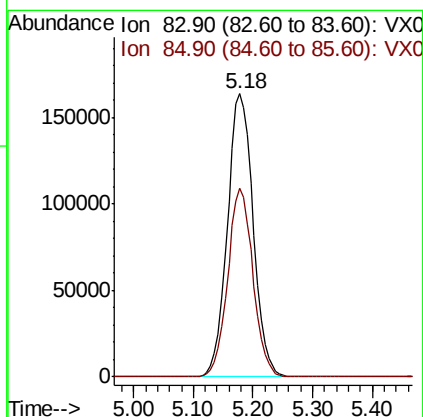
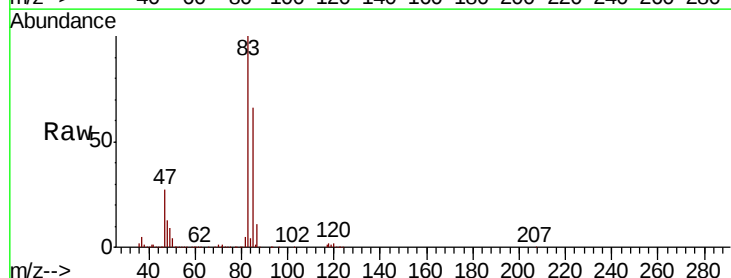
Instrument :
MSVOA_X
ClientSampled :

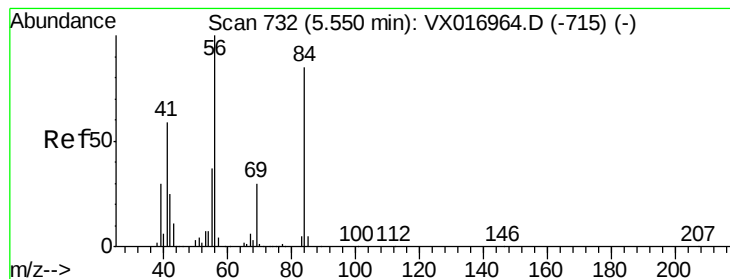
Tot Ion: 42 Resp: 646921
Ion Ratio Lower Upper
42 100
72 43.6 34.1 51.1
71 40.4 32.1 48.1



#30
Chloroform
Concen: 99.832 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 83 Resp: 491250
Ion Ratio Lower Upper
83 100
85 66.4 50.7 76.1





#31

Cyclohexane

Concen: 92.731 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampled :

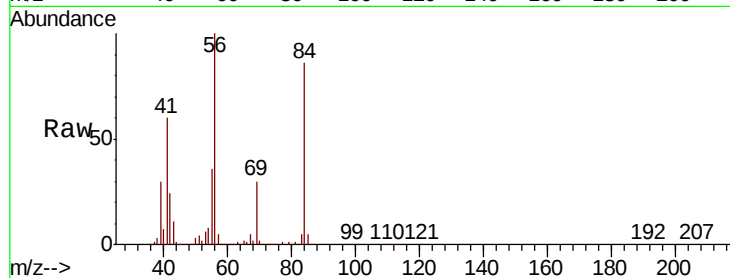
Tot Ion: 56 Resp: 426362

Ion Ratio Lower Upper

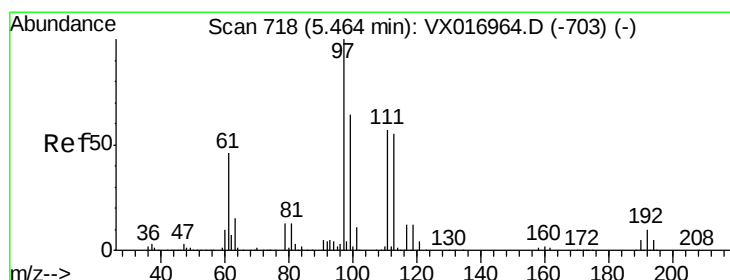
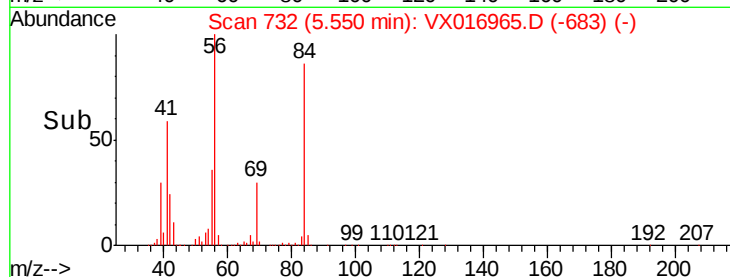
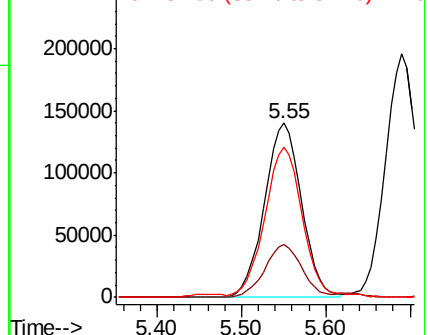
56 100

69 30.3 23.6 35.4

84 85.4 67.8 101.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 100.538 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

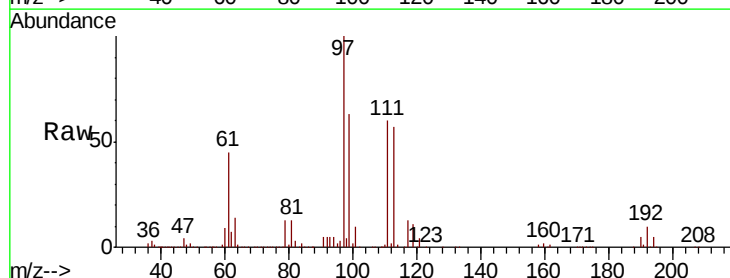
Tgt Ion: 97 Resp: 446791

Ion Ratio Lower Upper

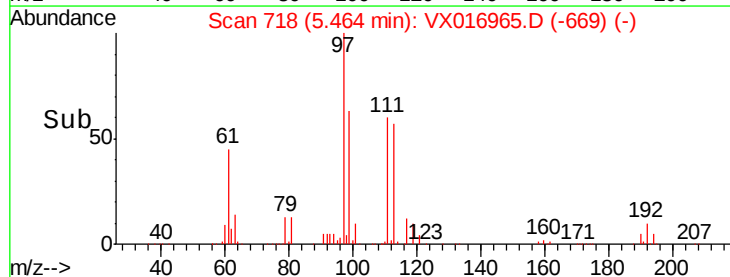
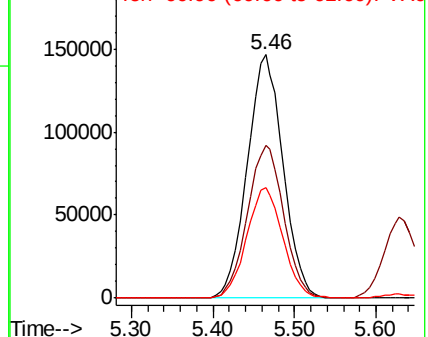
97 100

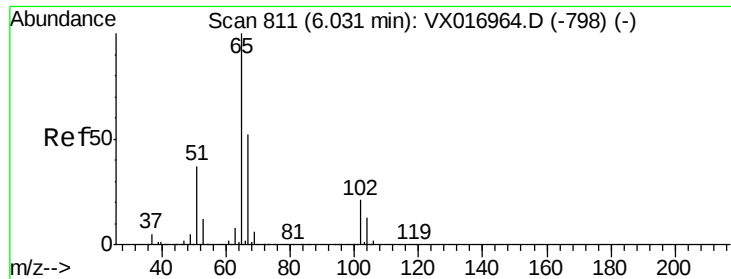
99 63.7 51.4 77.2

61 45.9 37.0 55.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 100.450 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

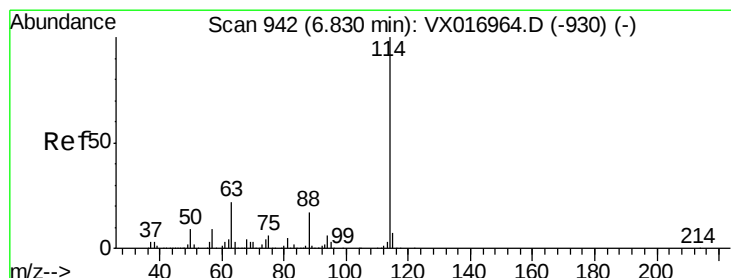
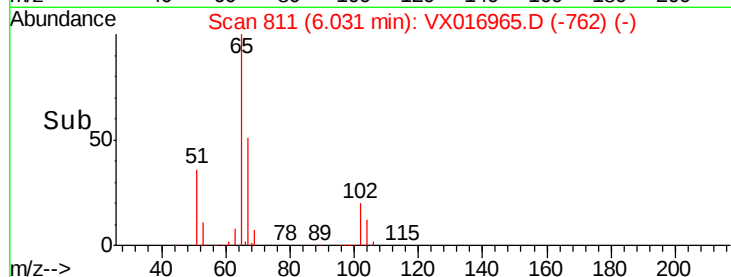
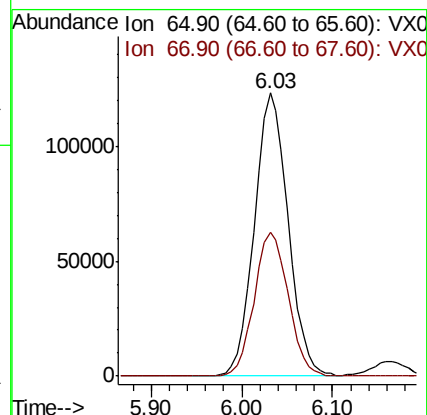
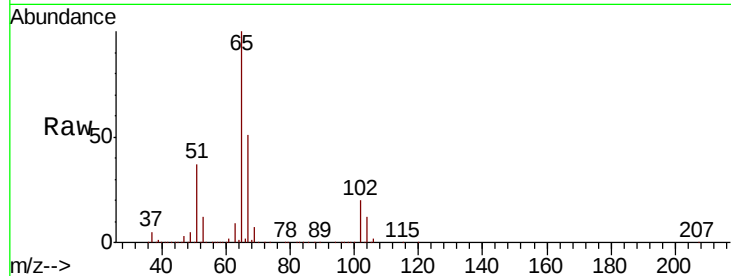
ClientSampled :

Tot Ion: 65 Resp: 316571

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

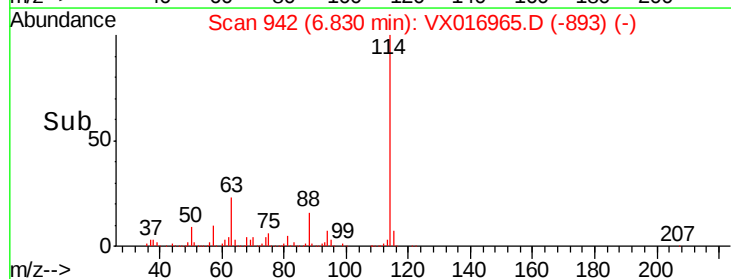
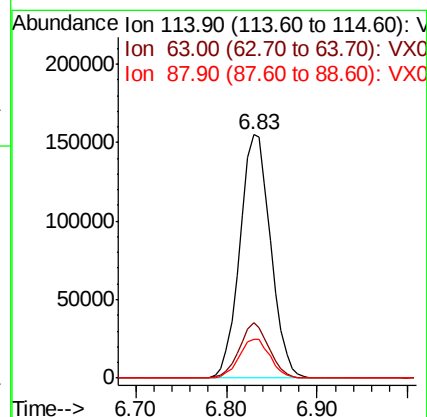
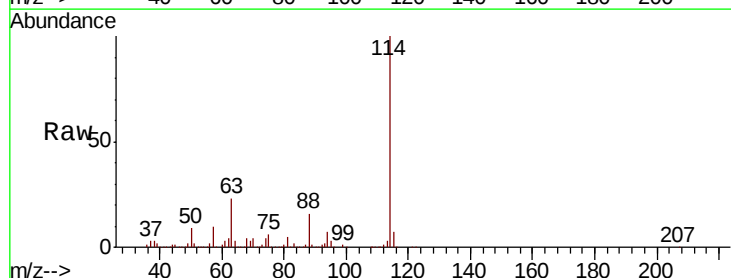
Tgt Ion: 114 Resp: 367405

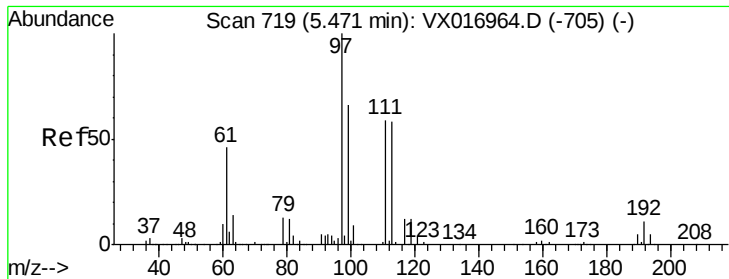
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.4

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 117.878 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

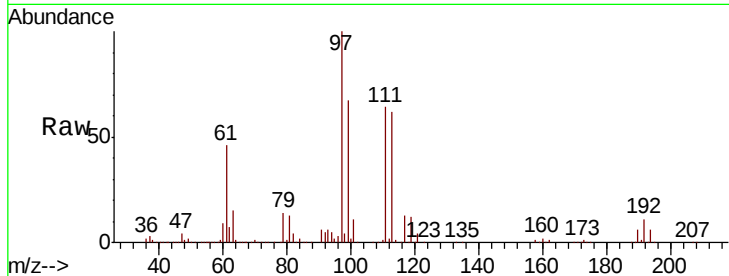
Tot Ion:113 Resp: 242899

Ion Ratio Lower Upper

113 100

111 103.3 84.3 126.5

192 18.1 15.2 22.8

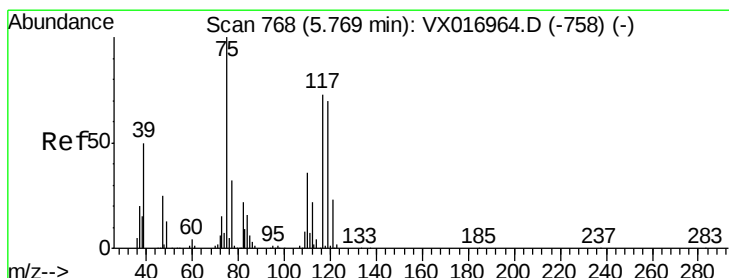
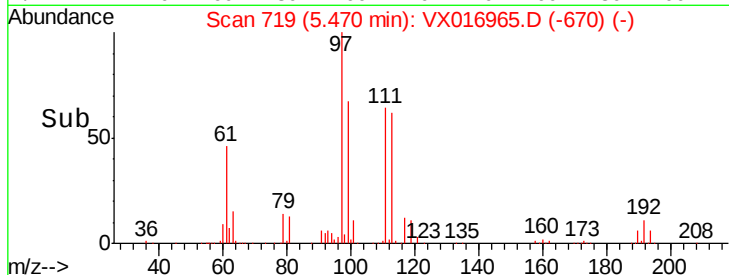
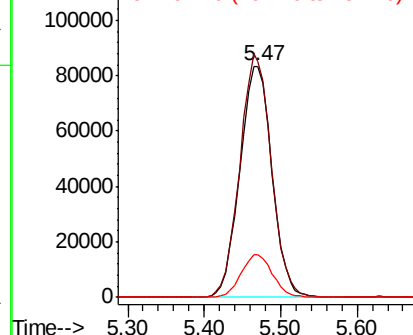


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 104.976 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

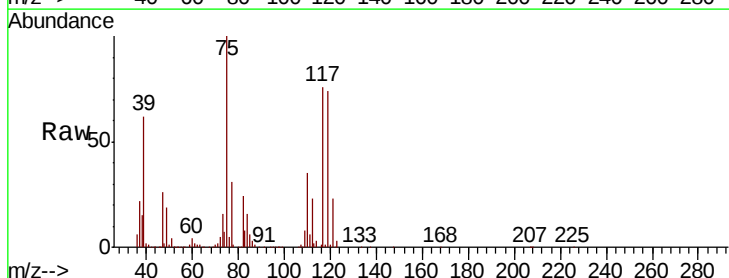
Tgt Ion: 75 Resp: 370575

Ion Ratio Lower Upper

75 100

110 34.0 17.2 51.6

77 30.4 24.7 37.1

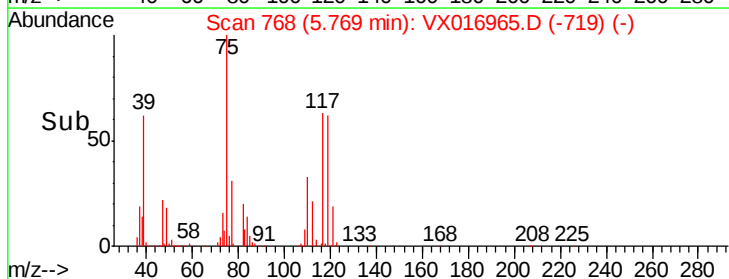
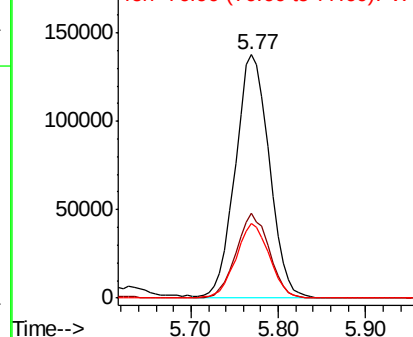


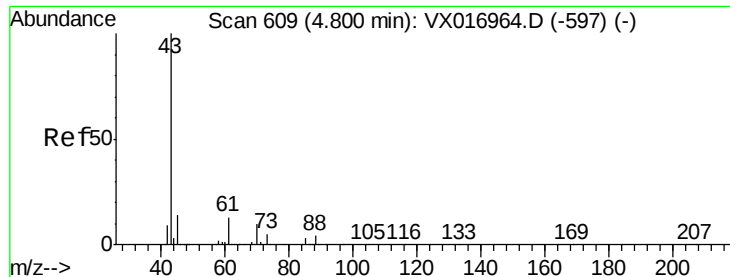
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

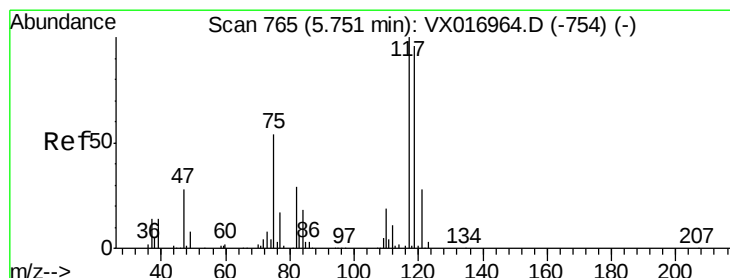
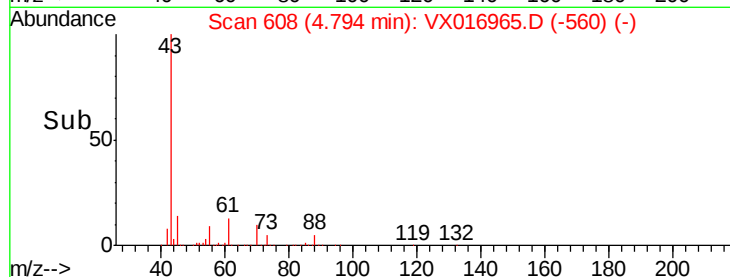
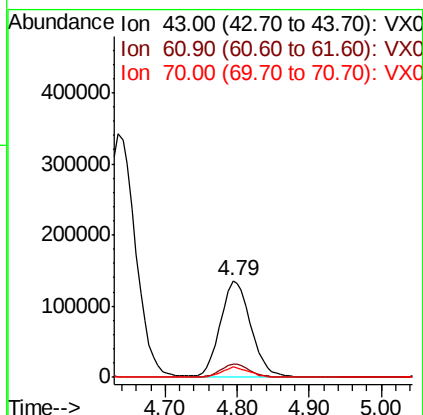
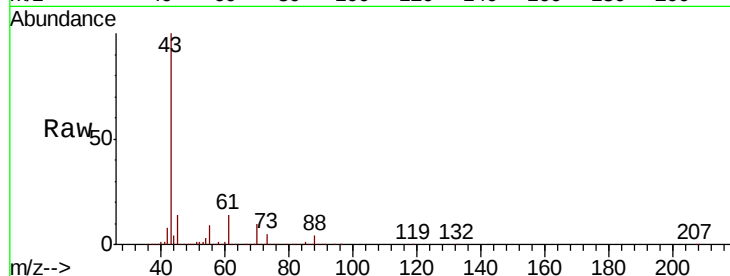




#37
Ethyl Acetate
Concen: 111.295 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

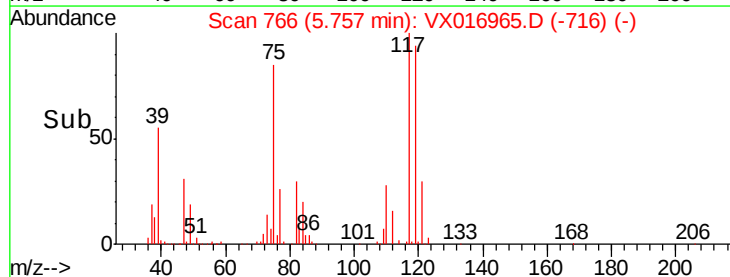
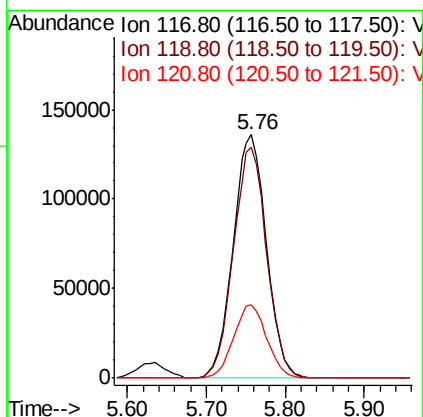
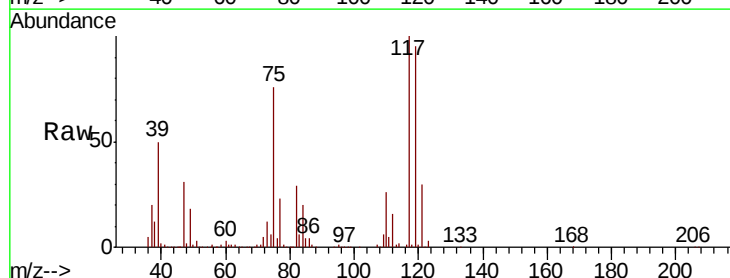
Instrument :
MSVOA_X
ClientSampleId :

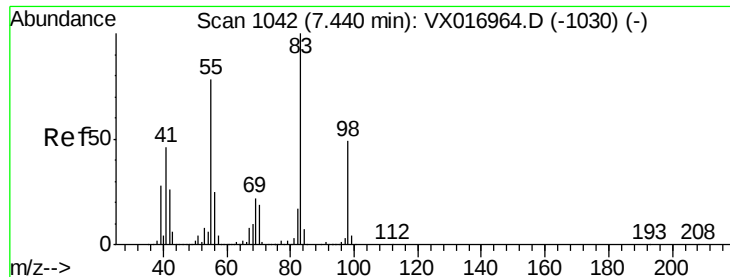
Tot Ion: 43 Resp: 400134
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 10.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 119.867 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 117 Resp: 397720
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
121 30.1 22.5 33.7

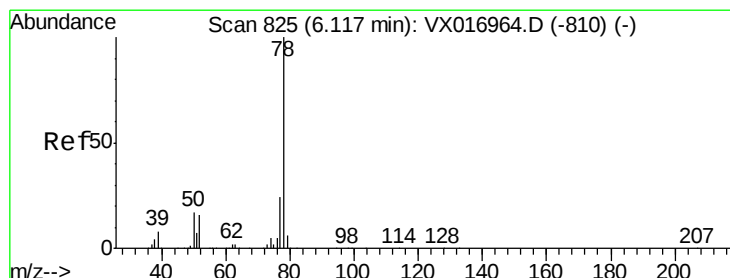
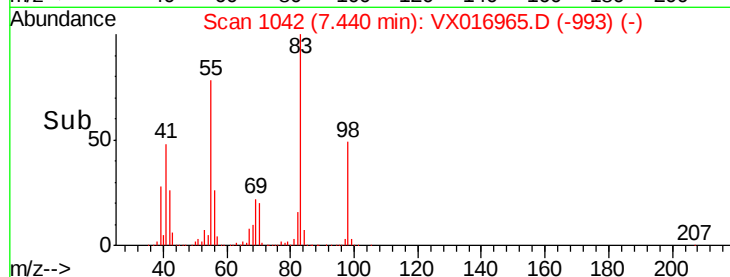
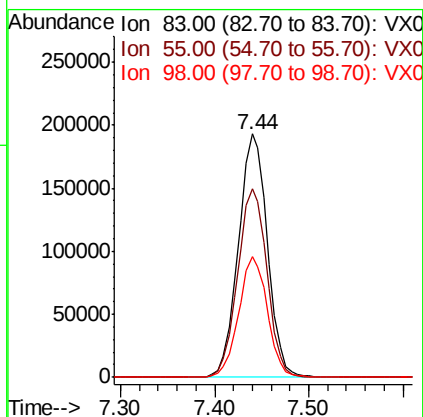
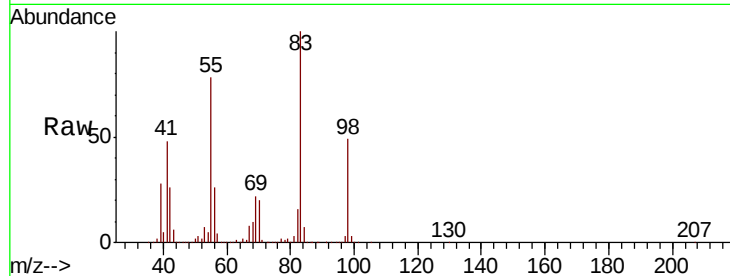




#39
Methvlcvclohexane
Concen: 98.260 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

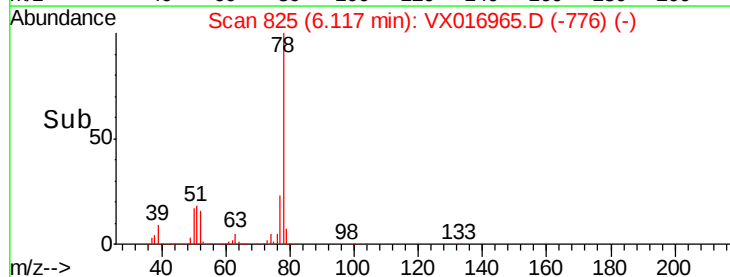
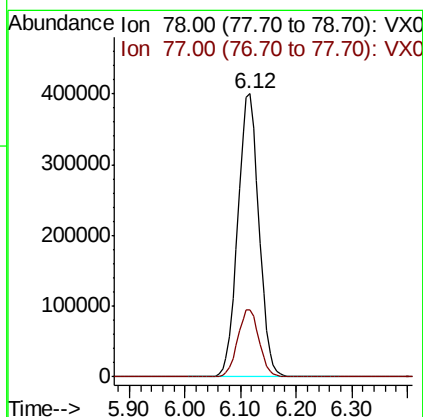
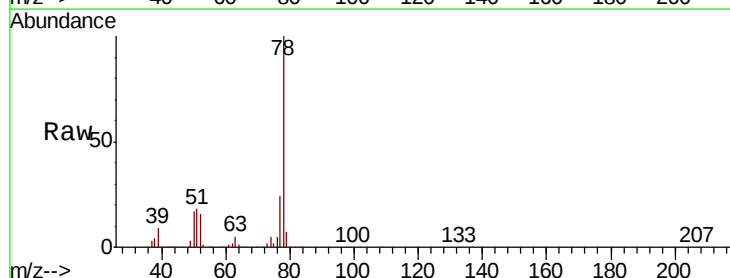
Instrument :
MSVOA_X
ClientSampleId :

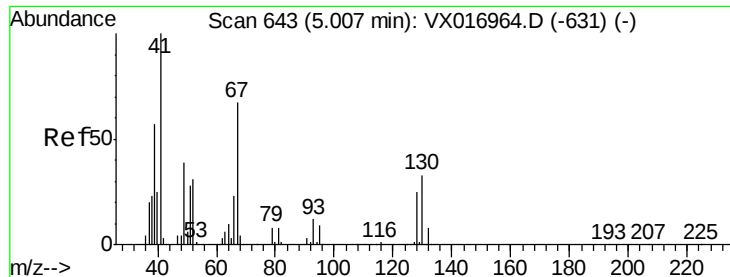
Tot Ion: 83 Resp: 414874
Ion Ratio Lower Upper
83 100
55 77.6 62.4 93.6
98 49.4 39.4 59.0



#40
Benzene
Concen: 102.181 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 78 Resp: 1049396
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

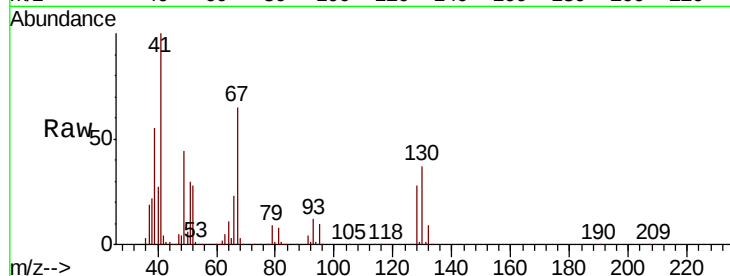




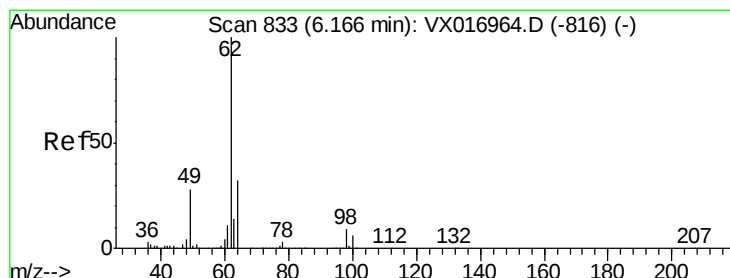
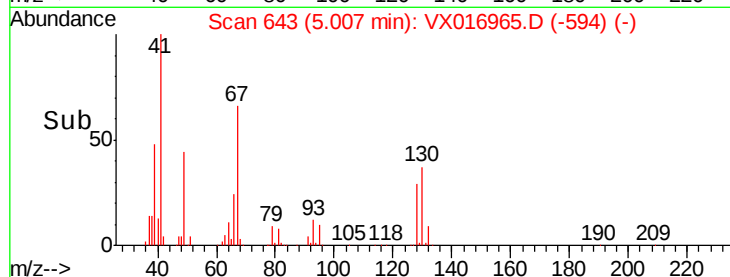
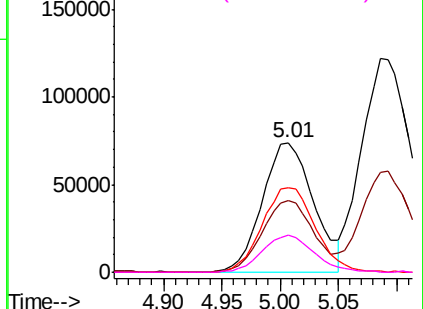
#41
Methacrylonitrile
Concen: 111.069 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	224859
Ion	Ratio	Lower	Upper
41	100		
39	54.6	46.6	70.0
67	67.7	57.0	85.6
52	29.4	25.0	37.4

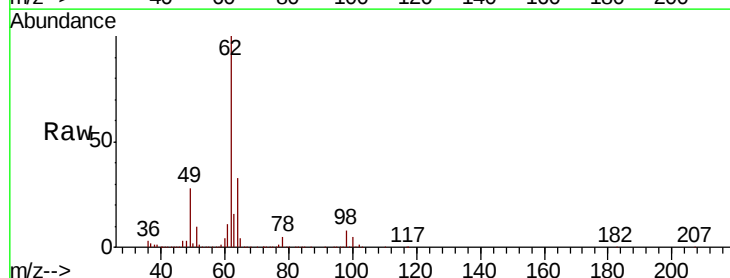


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

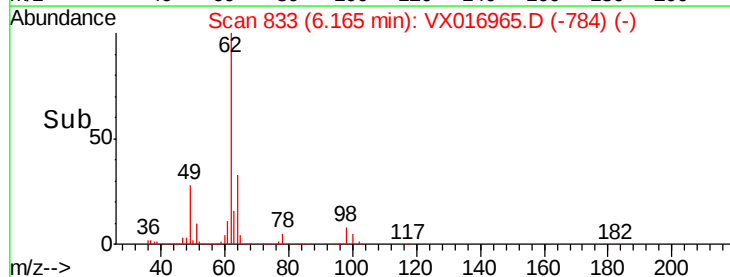
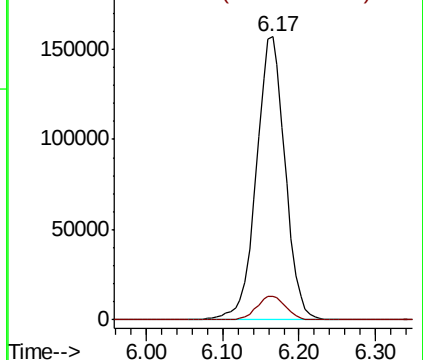


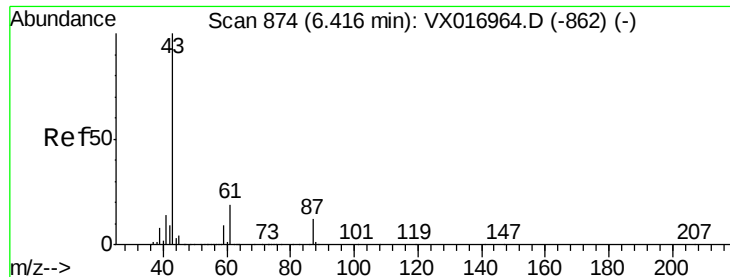
#42
1,2-Dichloroethane
Concen: 112.210 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:	62	Resp:	412538
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



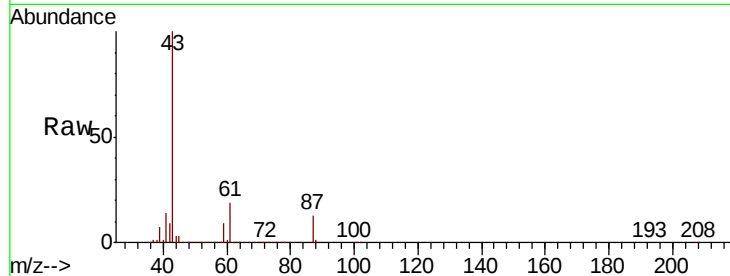


#43

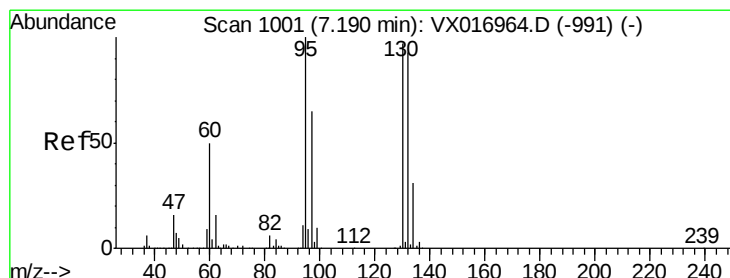
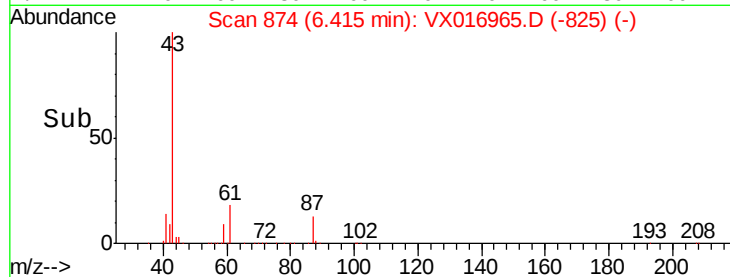
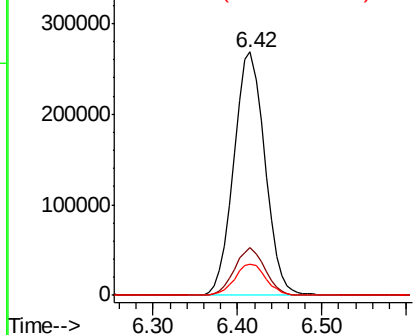
Isopropyl Acetate
 Concen: 112.908 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.0	22.6
87	12.9	10.0	15.0



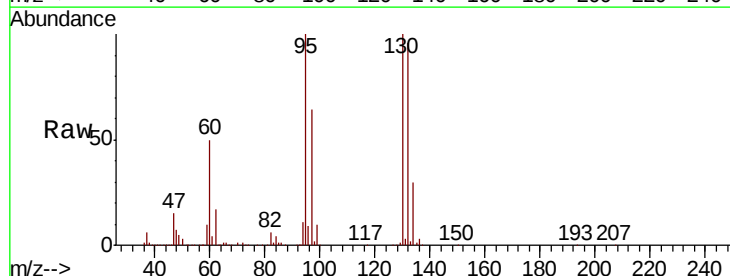
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



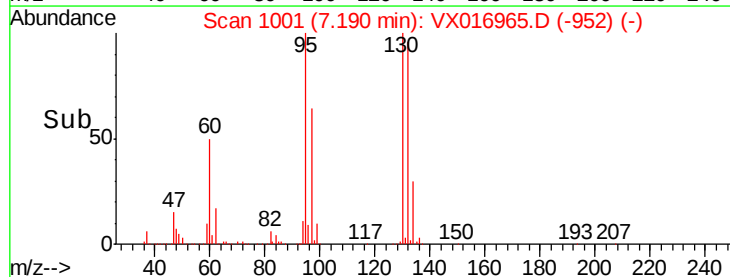
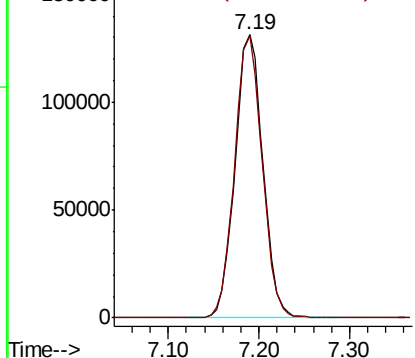
#44

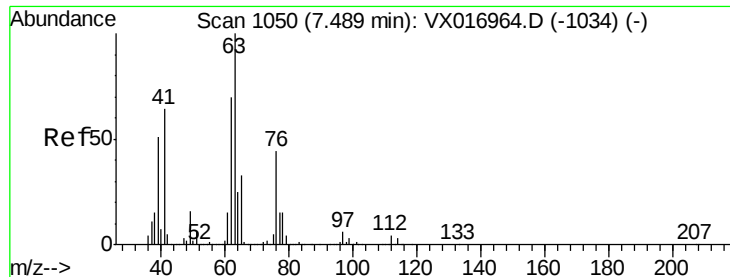
Trichloroethene
 Concen: 90.375 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	206.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 103.599 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

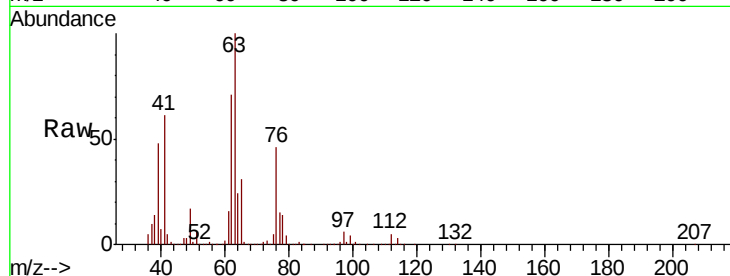
ClientSampleId :

Tot Ion: 63 Resp: 273291

Ion Ratio Lower Upper

63 100

65 31.1 26.1 39.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

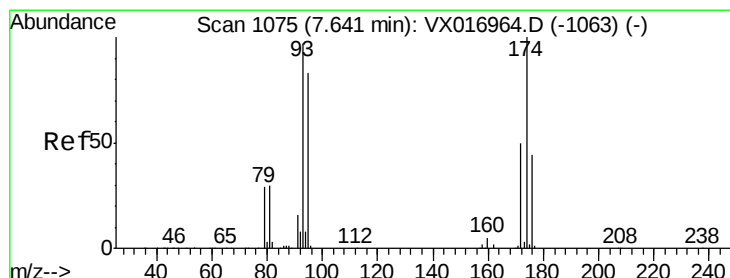
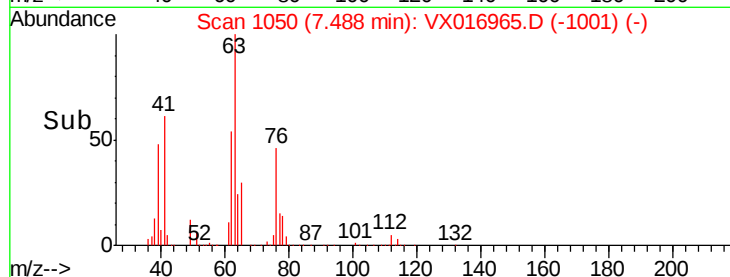
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 107.865 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

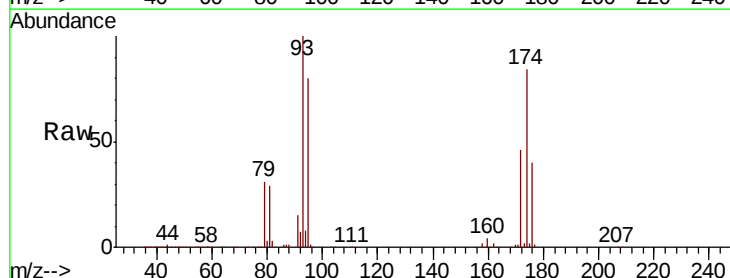
Tgt Ion: 93 Resp: 190714

Ion Ratio Lower Upper

93 100

95 82.8 67.5 101.3

174 90.9 75.0 112.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

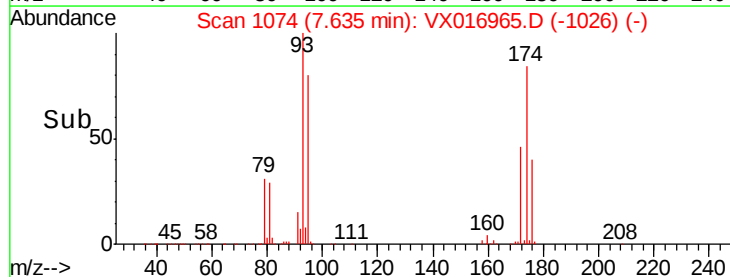
7.63

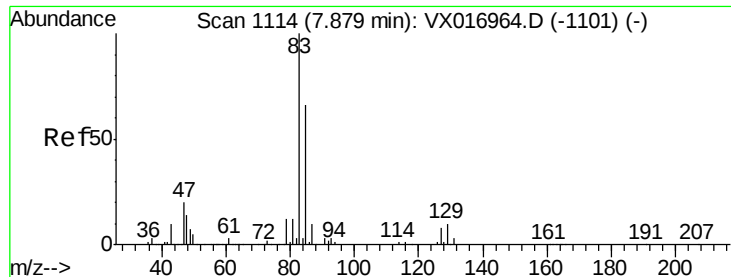
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 110.246 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampled :

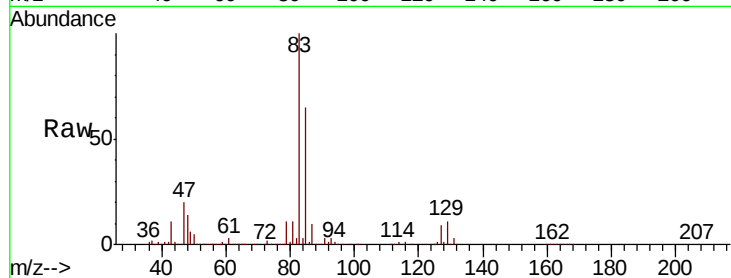
Tot Ion: 83 Resp: 399301

Ion Ratio Lower Upper

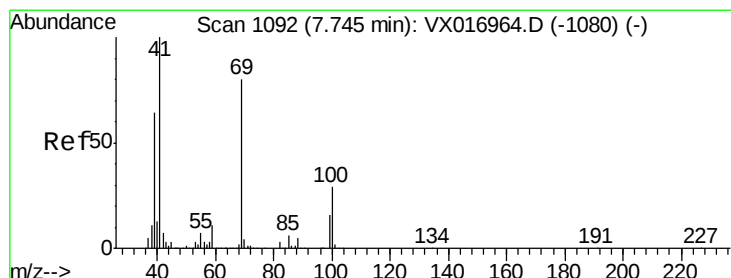
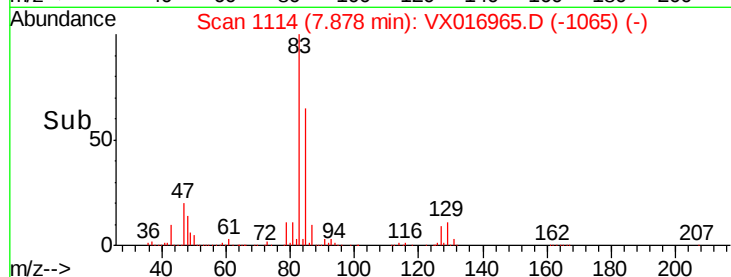
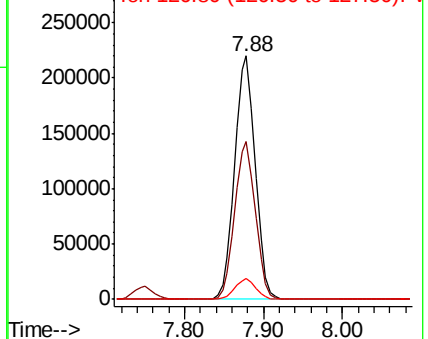
83 100

85 64.6 53.1 79.7

127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 112.255 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

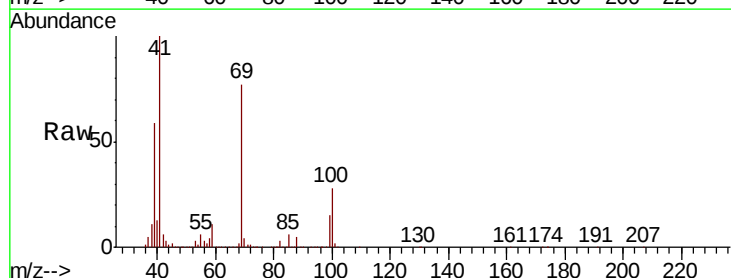
Tgt Ion: 41 Resp: 325324

Ion Ratio Lower Upper

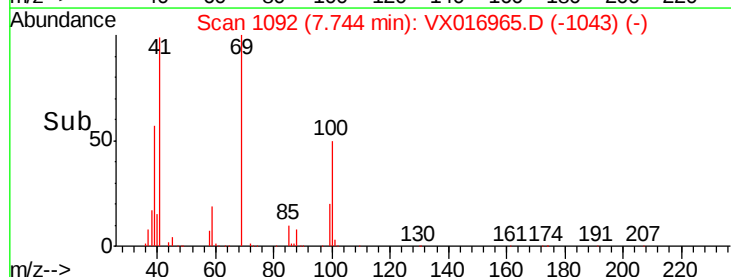
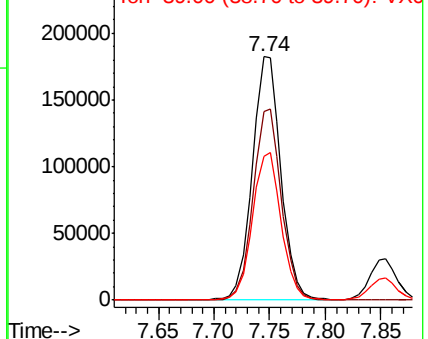
41 100

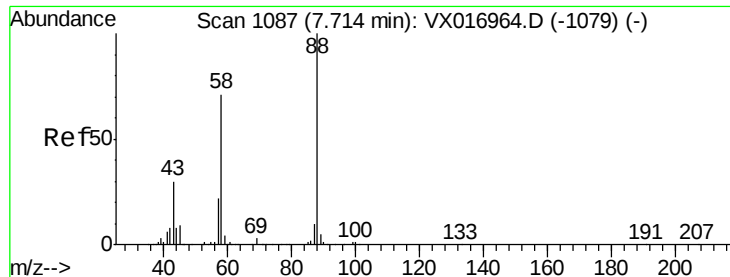
69 78.2 62.7 94.1

39 61.2 49.6 74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1963.674 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

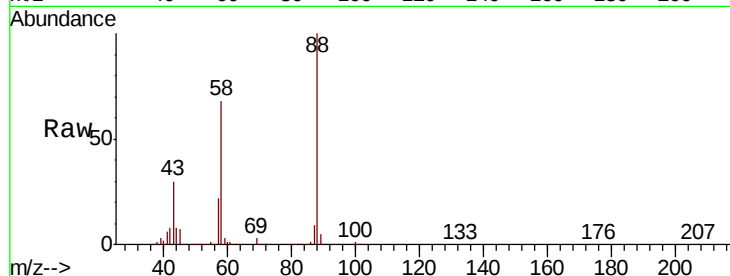
Tot Ion: 88 Resp: 124332

Ion Ratio Lower Upper

88 100

43 35.1 28.1 42.1

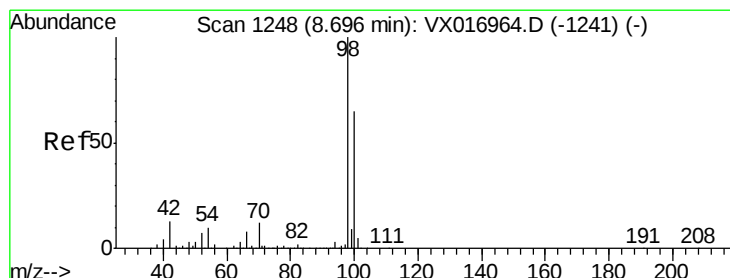
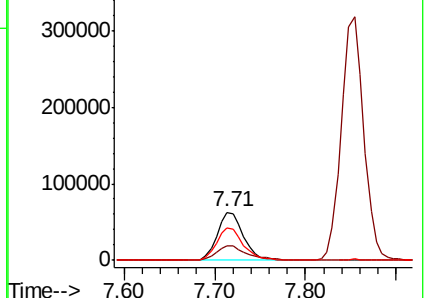
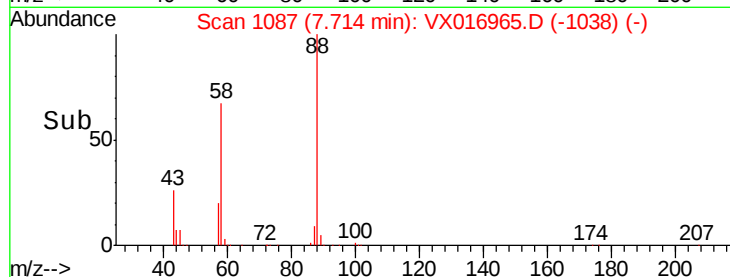
58 70.7 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 103.896 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016965.D

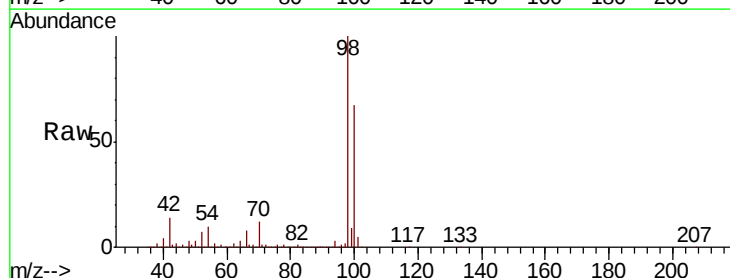
Acq: 25 Jun 2020 20:22

Tgt Ion: 98 Resp: 890408

Ion Ratio Lower Upper

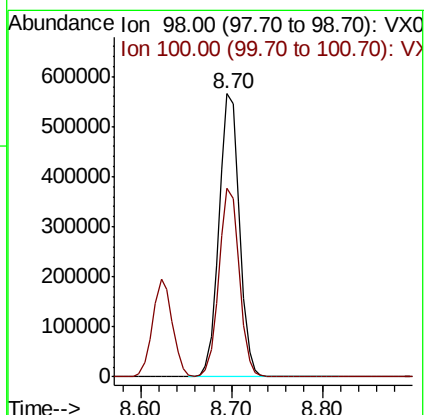
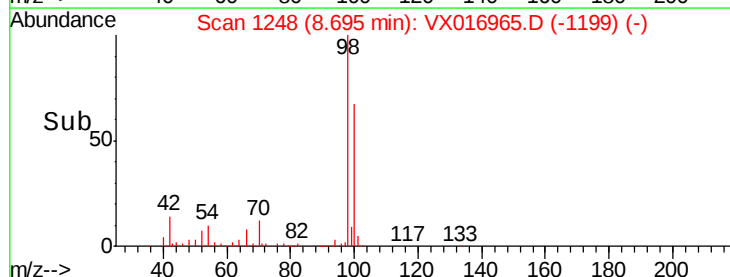
98 100

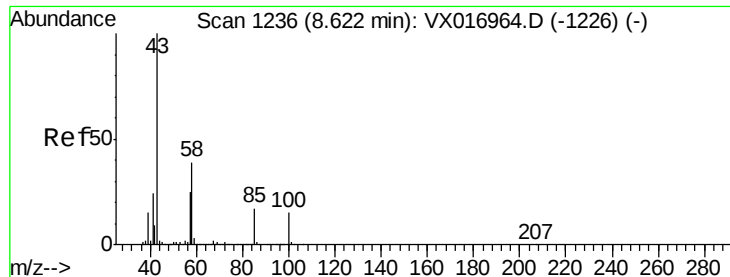
100 66.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 575.214 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

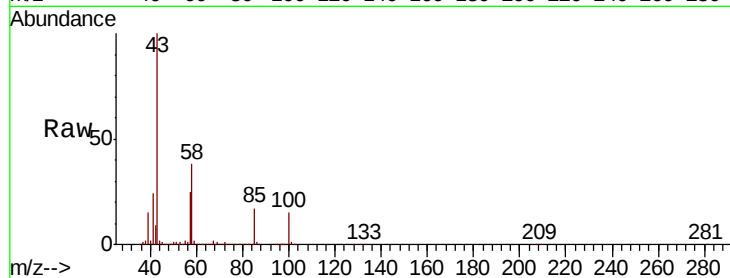
ClientSampleId :

Tot Ion: 43 Resp: 1988157

Ion Ratio Lower Upper

43 100

58 38.3 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

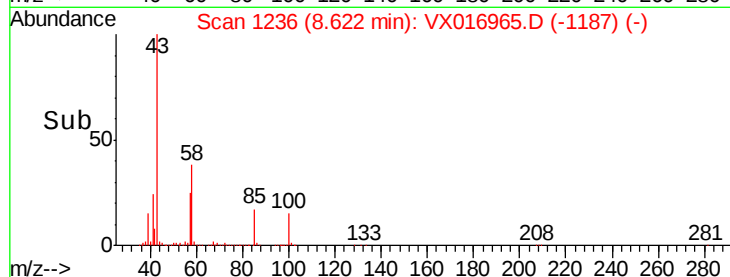
1000000

500000

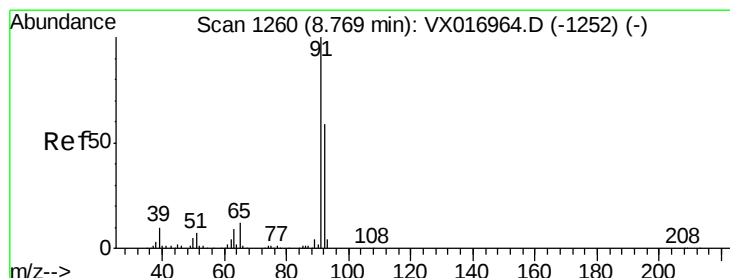
0

8.55 8.60 8.65 8.70

8.62



Time-->



#52

Toluene

Concen: 100.638 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016965.D

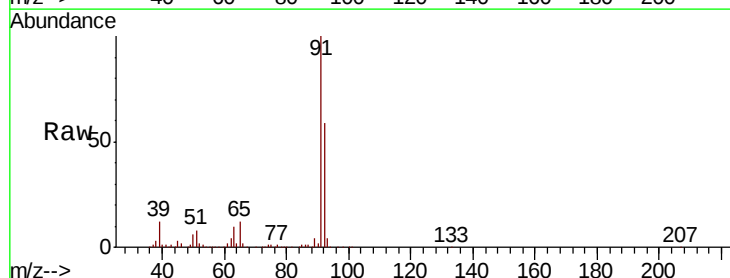
Acq: 25 Jun 2020 20:22

Tgt Ion: 92 Resp: 654078

Ion Ratio Lower Upper

92 100

91 171.9 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

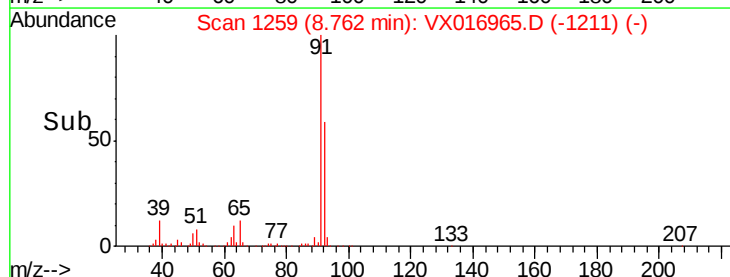
400000

200000

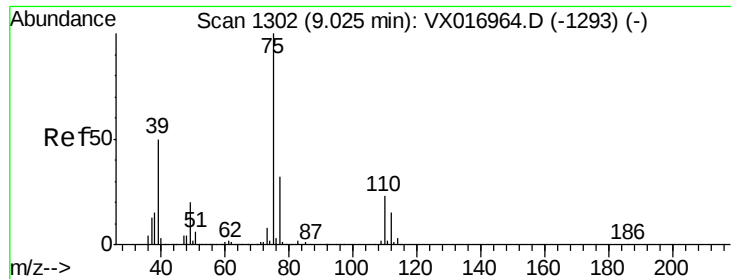
0

8.70 8.75 8.80 8.85

8.76



Time-->



#53

t-1,3-Dichloropropene

Concen: 104.007 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

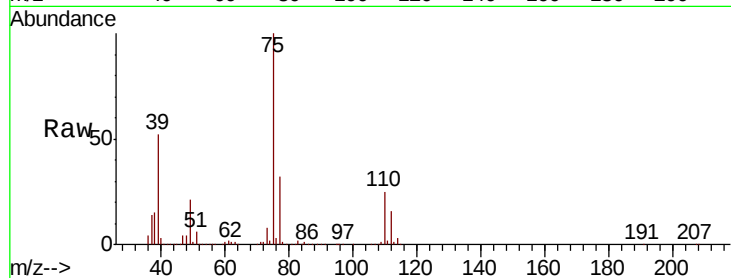
ClientSampleId :

Tot Ion: 75 Resp: 446320

Ion Ratio Lower Upper

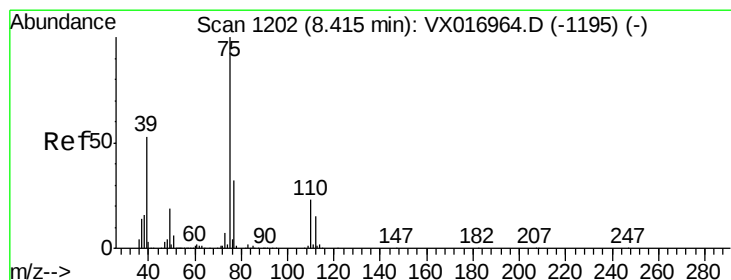
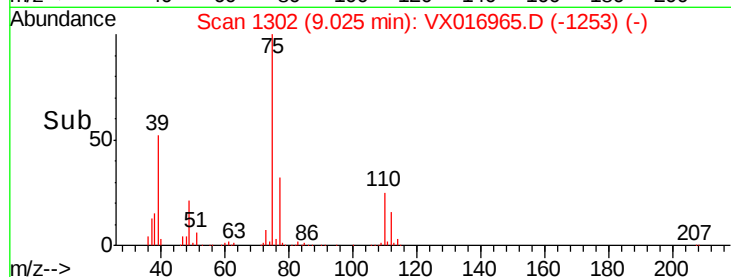
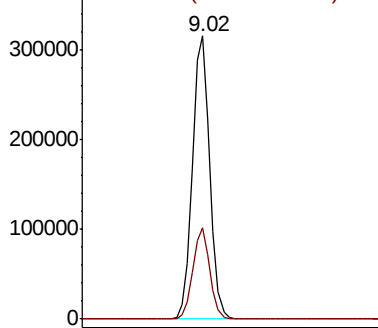
75 100

77 32.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 102.434 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

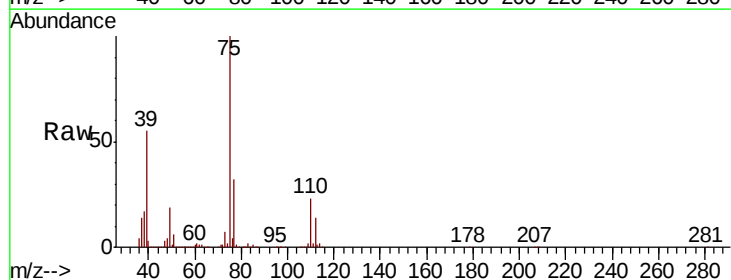
Tgt Ion: 75 Resp: 459583

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

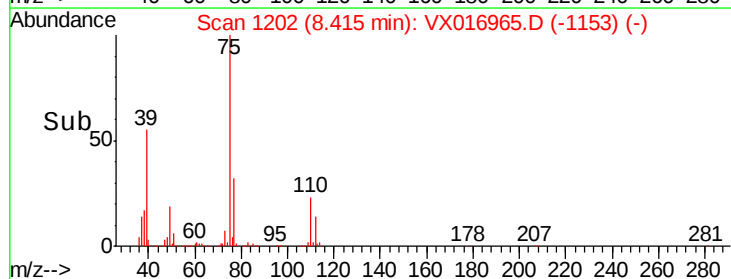
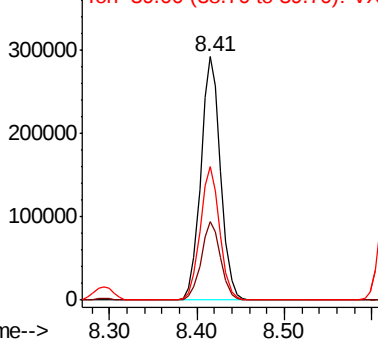
39 54.8 42.7 64.1

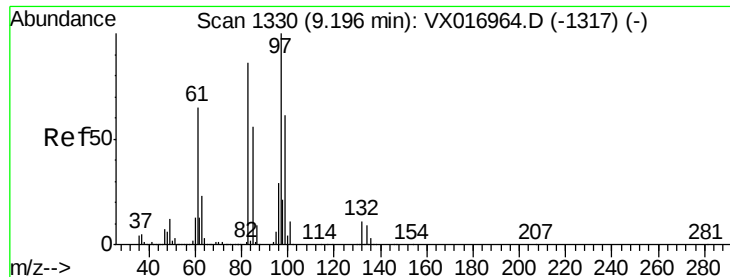


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

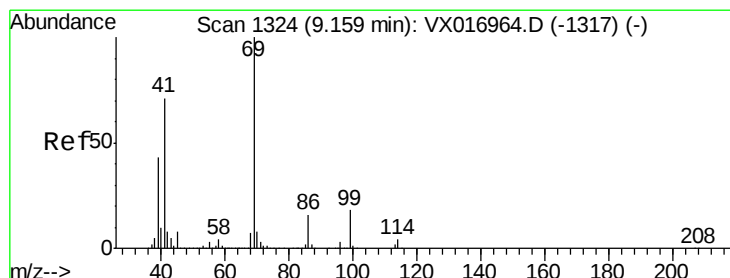
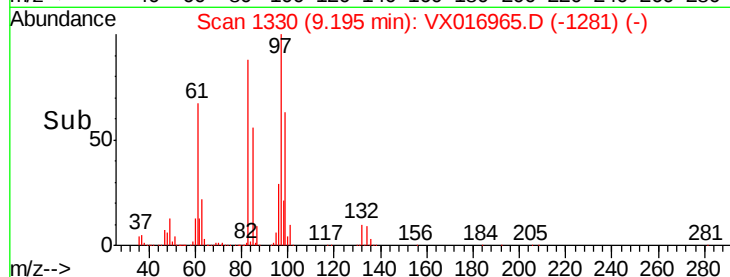
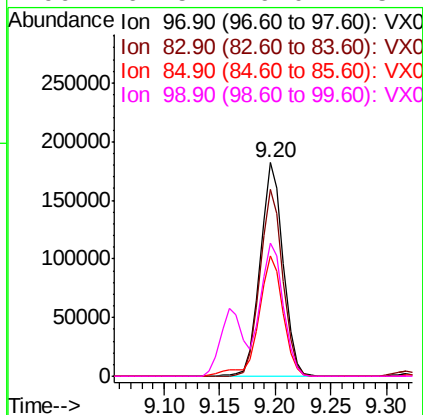
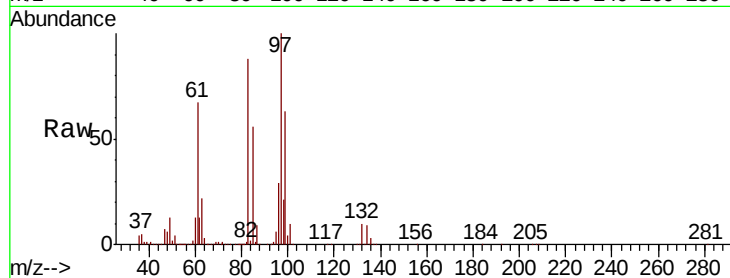




#55
 1,1,2-Trichloroethane
 Concen: 101.476 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

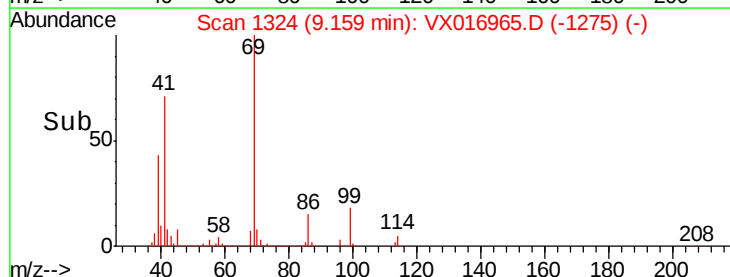
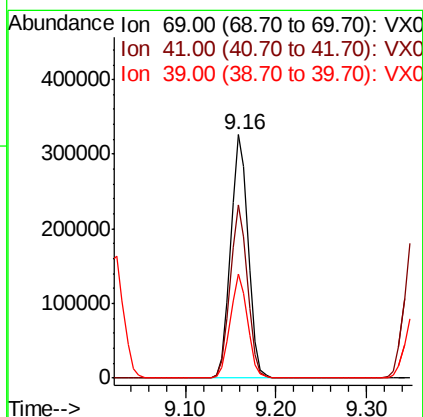
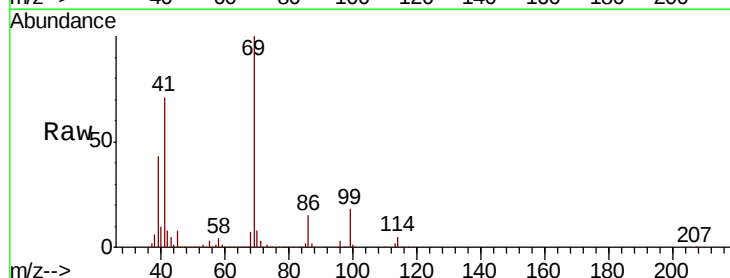
Instrument :
 MSVOA_X
 ClientSampleId :

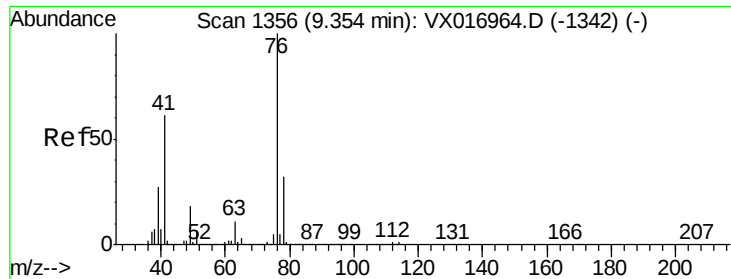
Tot Ion:	97	Resp:	263599
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.6	103.0
85	56.4	44.5	66.7
99	62.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 104.920 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion:	69	Resp:	436491
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.9	83.9
39	42.2	34.6	51.8





#57

1,3-Dichloropropane

Concen: 101.613 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

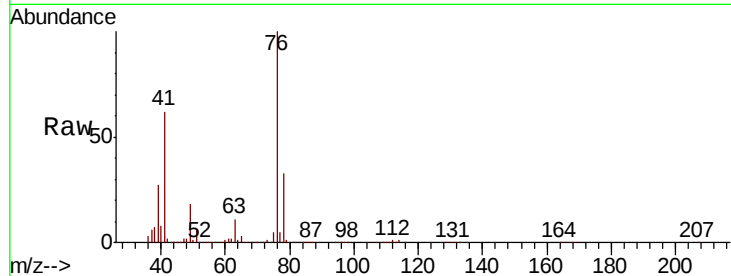
ClientSampleId :

Tot Ion: 76 Resp: 451521

Ion Ratio Lower Upper

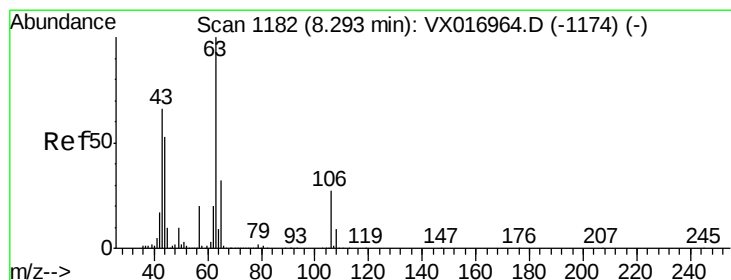
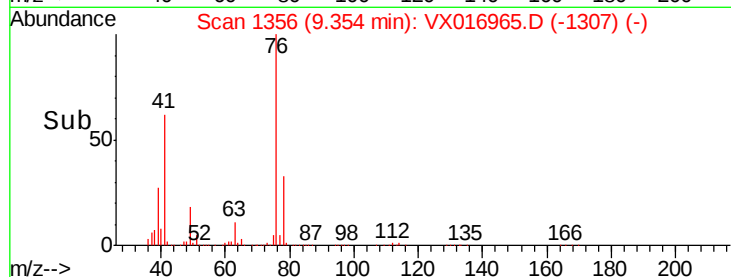
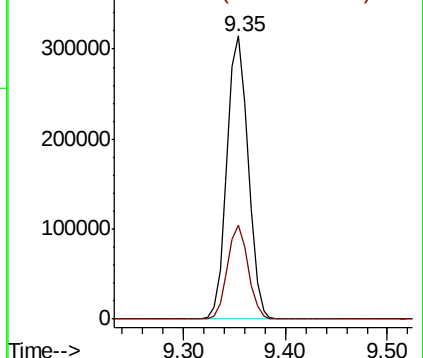
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 529.418 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016965.D

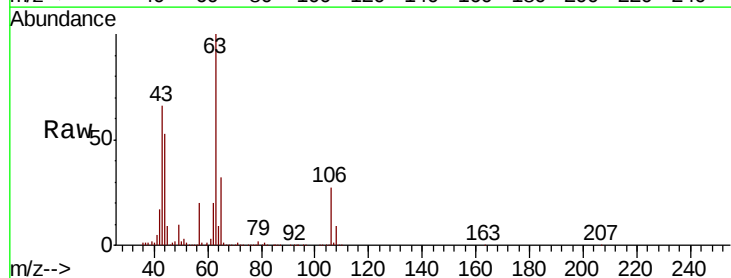
Acq: 25 Jun 2020 20:22

Tgt Ion: 63 Resp: 1095412

Ion Ratio Lower Upper

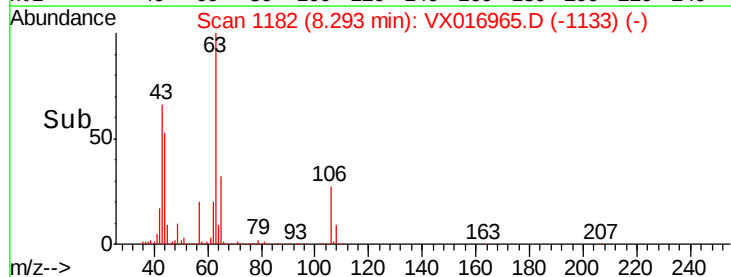
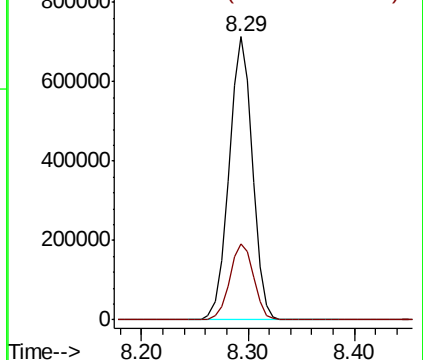
63 100

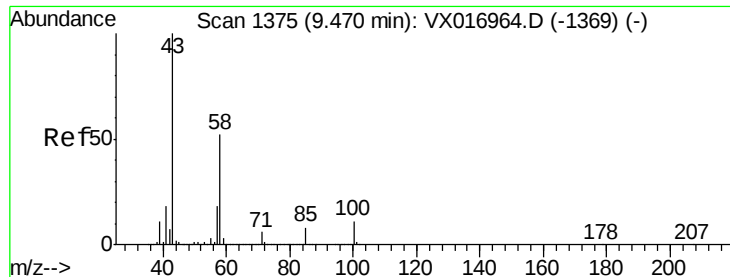
106 27.5 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

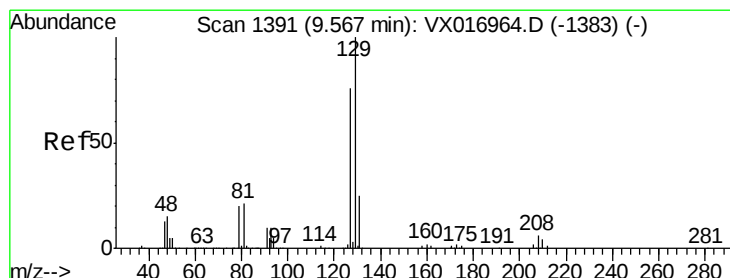
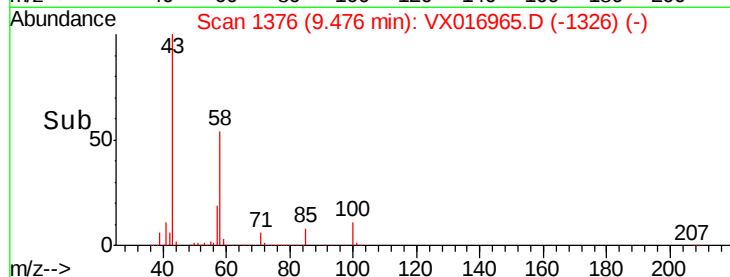
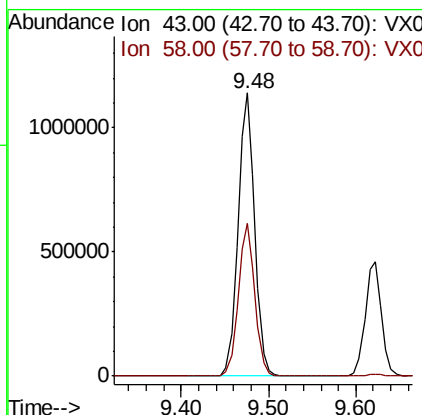
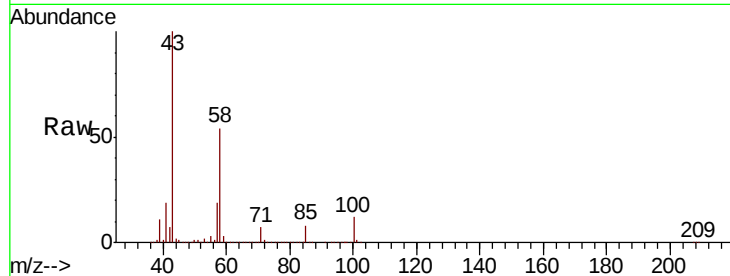




#59
2-Hexanone
Concen: 576.097 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

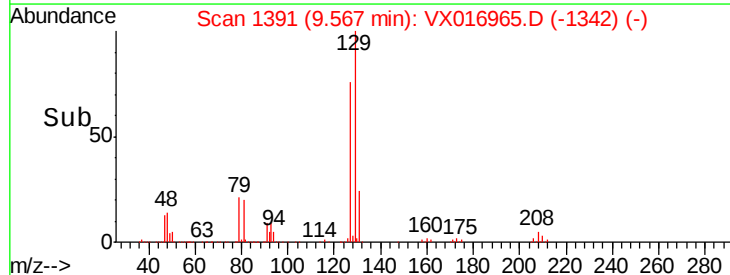
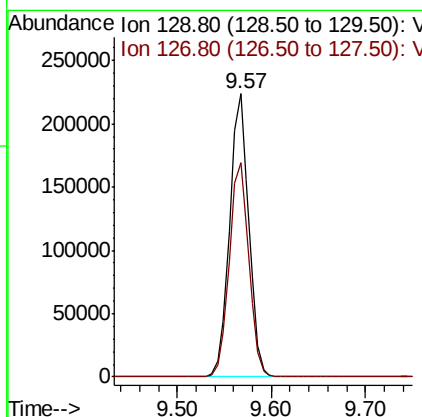
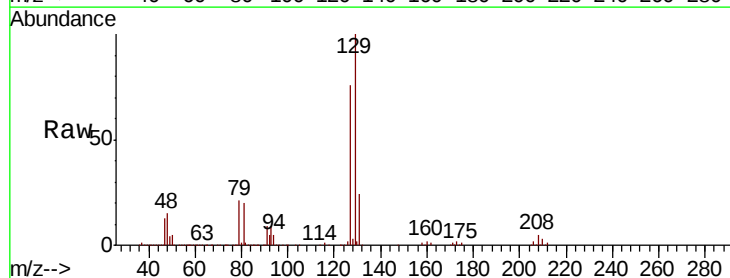
Instrument :
MSVOA_X
ClientSampled :

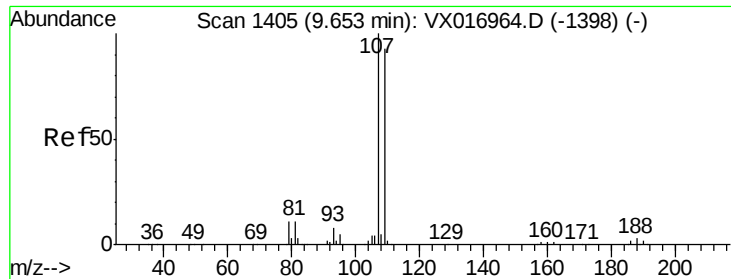
Tot Ion: 43 Resp: 1509894
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.9



#60
Dibromochloromethane
Concen: 119.311 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 129 Resp: 314825
Ion Ratio Lower Upper
129 100
127 77.4 38.0 114.0

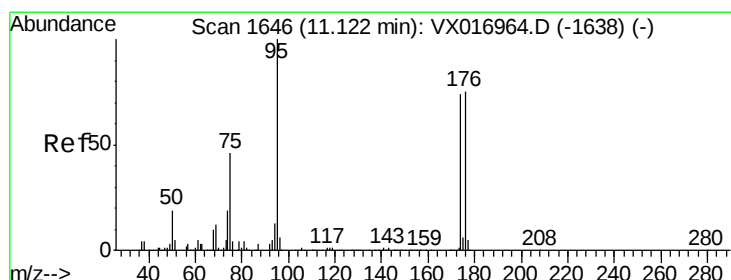
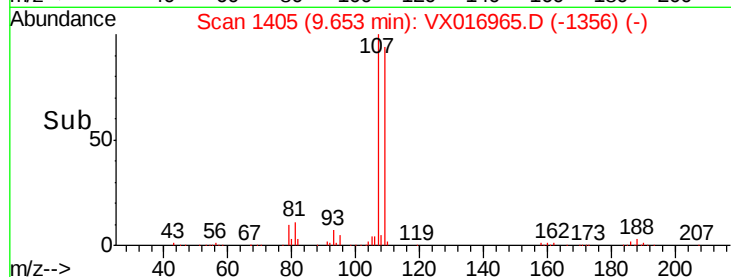
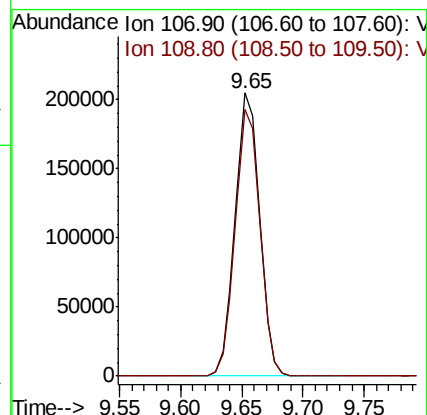
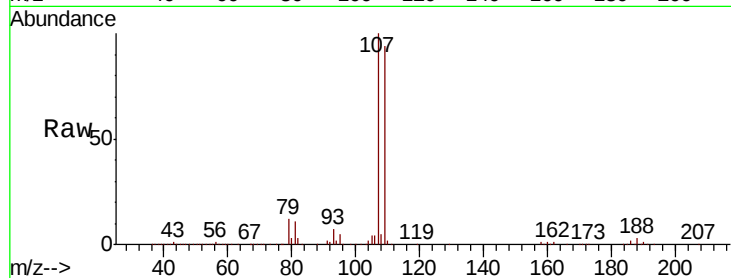




#61
 1,2-Dibromoethane
 Concen: 105.134 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

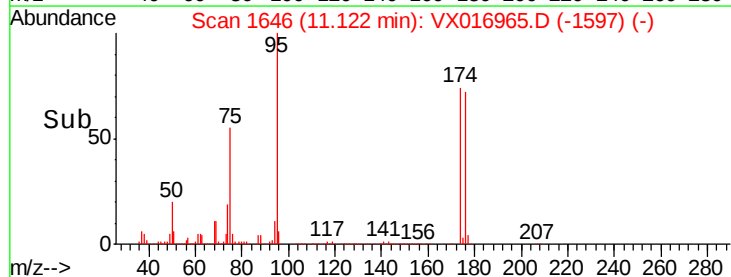
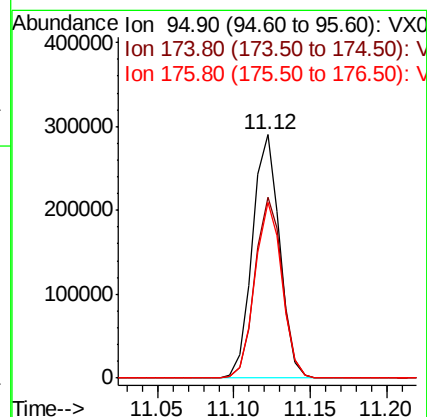
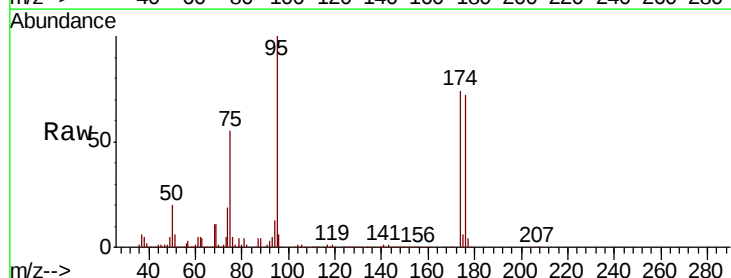
Instrument :
 MSVOA_X
 ClientSampleId :

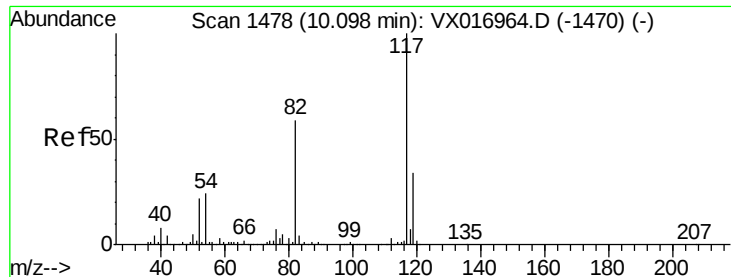
Tot Ion:107 Resp: 283922
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 103.588 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion: 95 Resp: 357934
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 149.6
 176 72.3 0.0 148.2

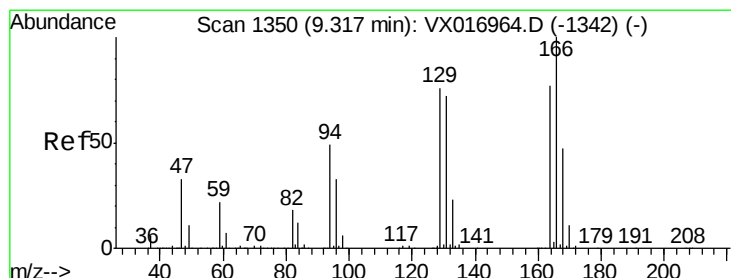
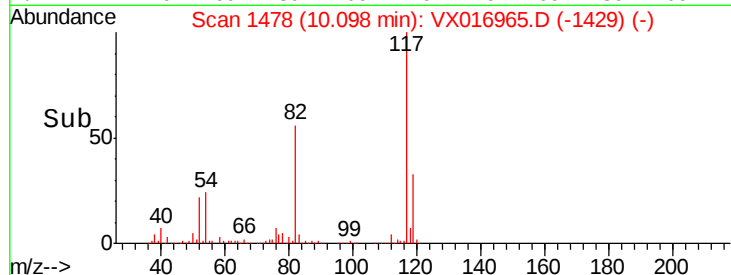
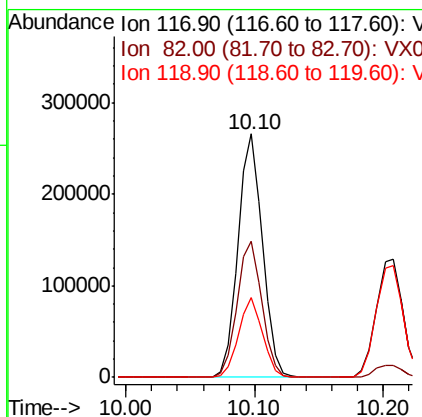
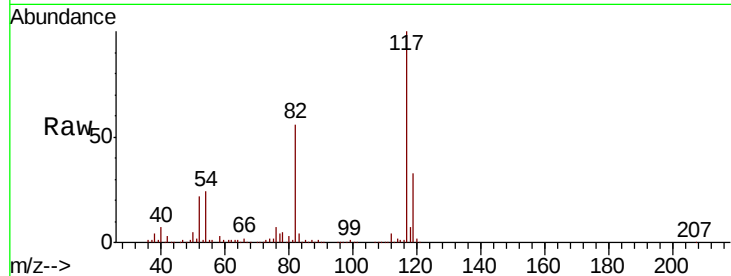




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

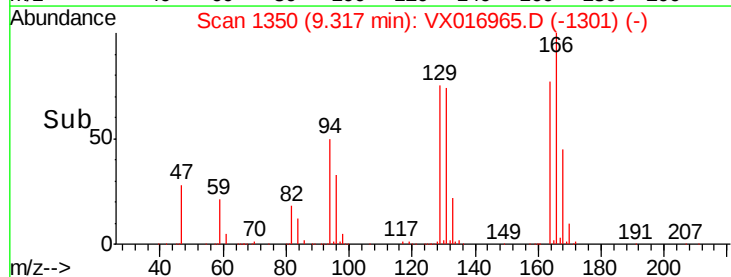
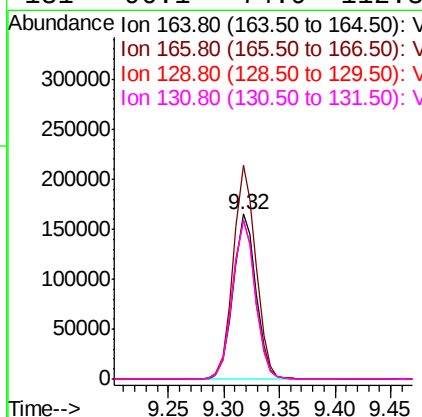
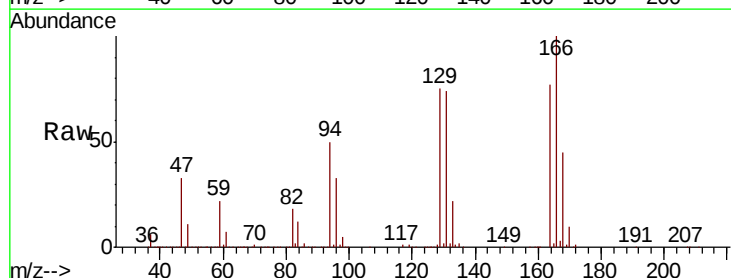
Instrument :
MSVOA_X
ClientSampleId :

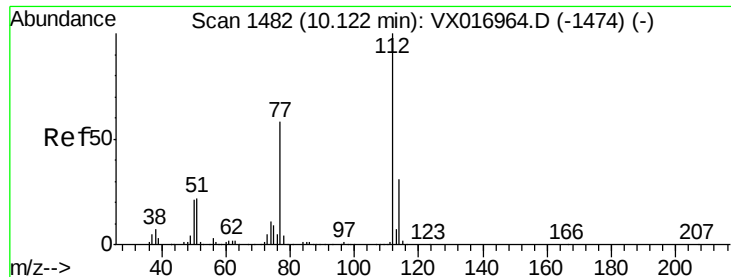
Tot Ion:117 Resp: 349278
Ion Ratio Lower Upper
117 100
82 55.9 46.8 70.2
119 32.9 27.3 40.9



#64
Tetrachloroethene
Concen: 70.696 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:164 Resp: 232910
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.4
129 96.7 79.3 118.9
131 96.1 74.9 112.3

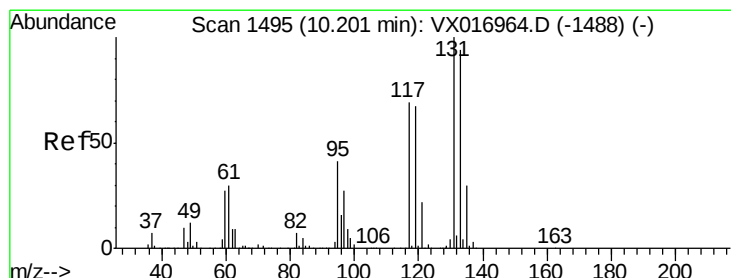
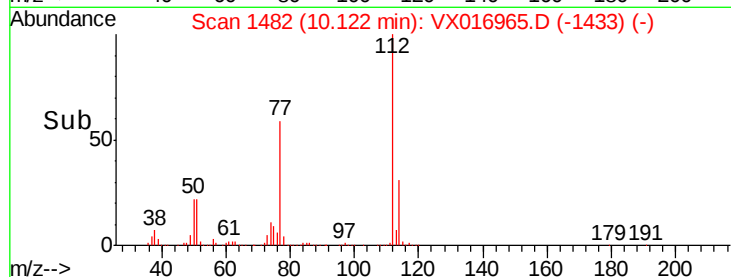
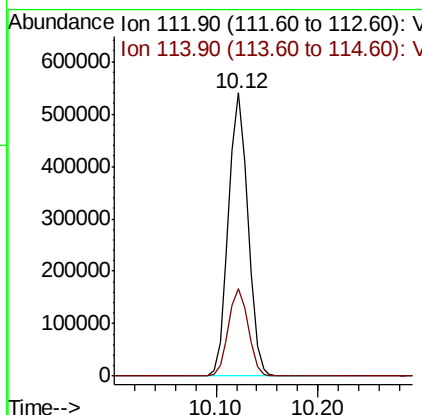
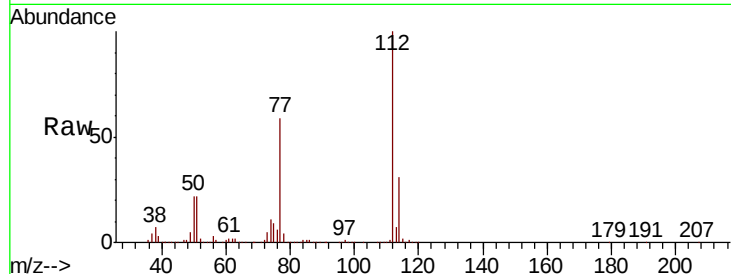




#65
Chlorobenzene
Concen: 102.297 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

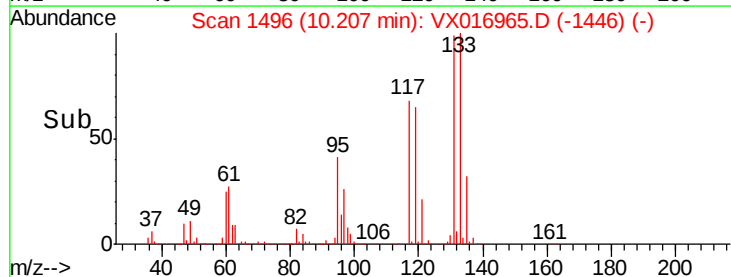
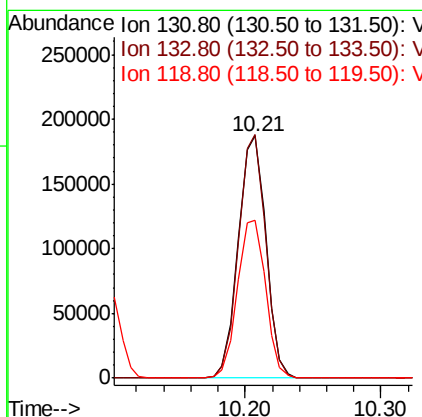
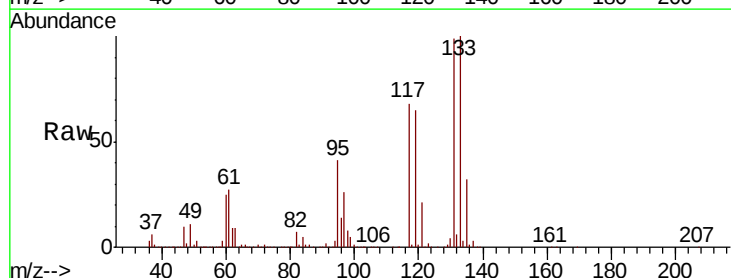
Instrument :
MSVOA_X
ClientSampled :

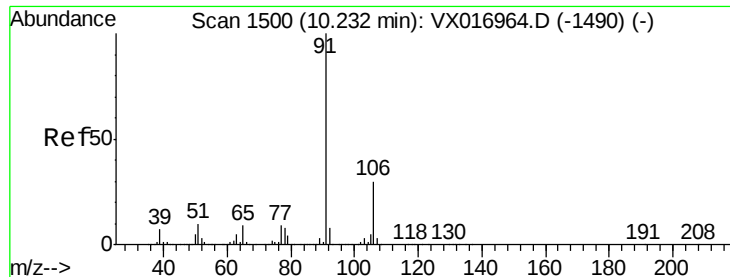
Tot Ion:112 Resp: 711455
Ion Ratio Lower Upper
112 100
114 30.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 106.547 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:131 Resp: 265653
Ion Ratio Lower Upper
131 100
133 98.6 48.0 144.0
119 66.4 32.8 98.4

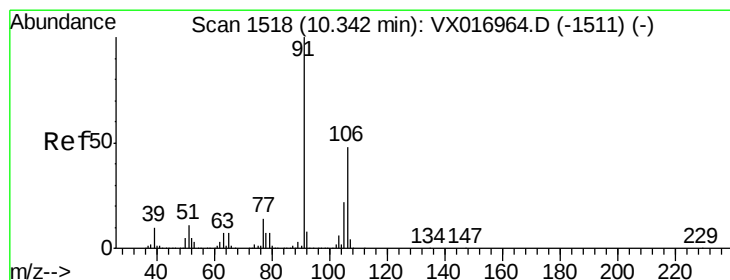
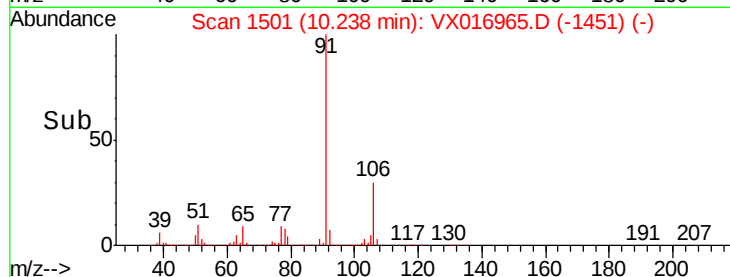
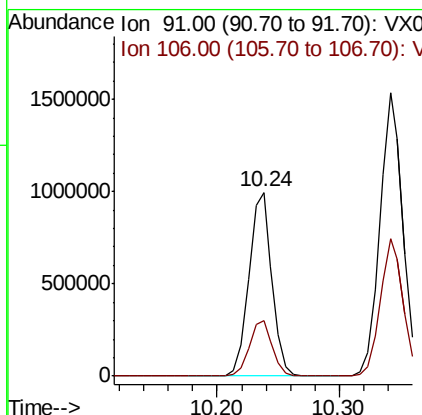
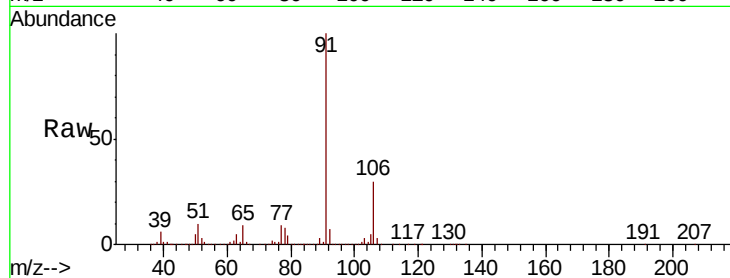




#67
Ethyl Benzene
Concen: 100.959 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

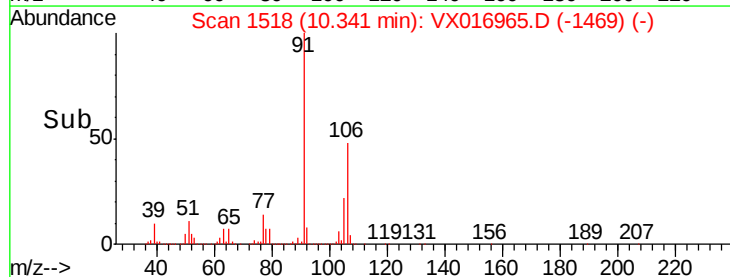
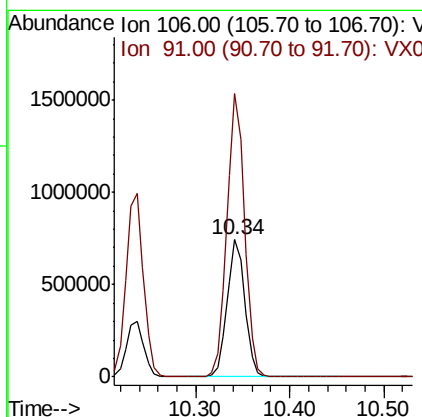
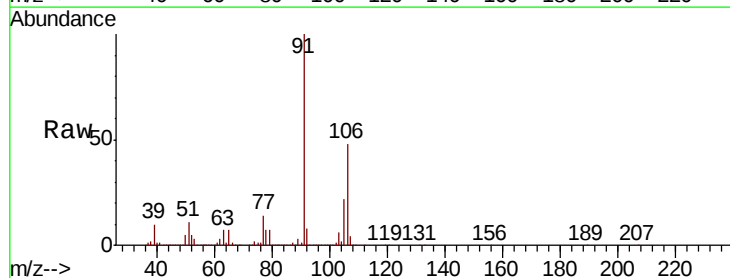
Instrument :
MSVOA_X
ClientSampleId :

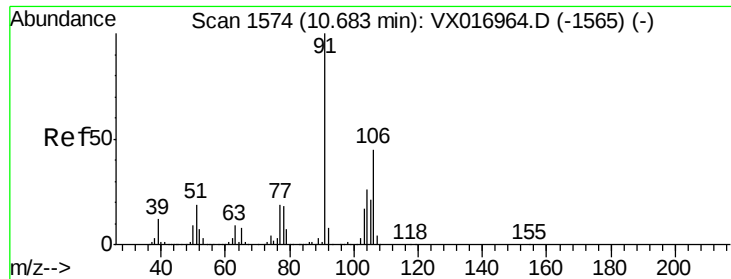
Tot Ion: 91 Resp: 1293847
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 205.810 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 106 Resp: 968897
Ion Ratio Lower Upper
106 100
91 206.3 164.1 246.1

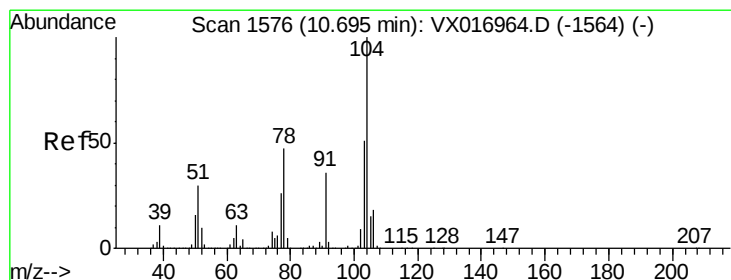
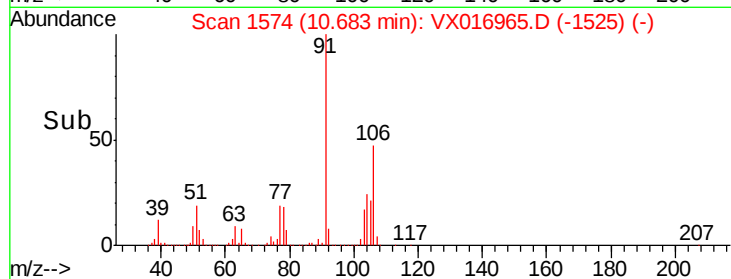
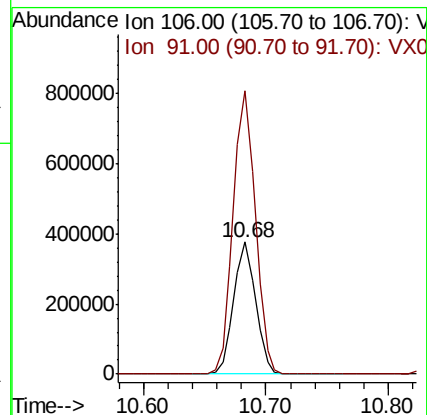
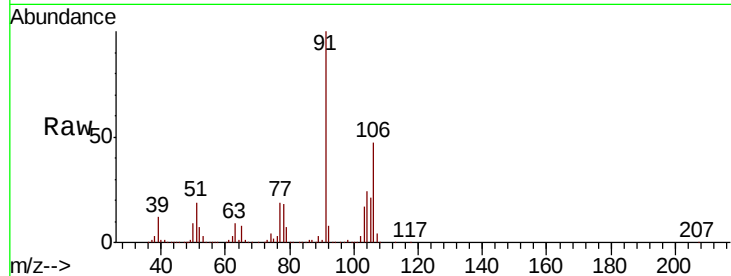




#69
o-Xylene
Concen: 101.998 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

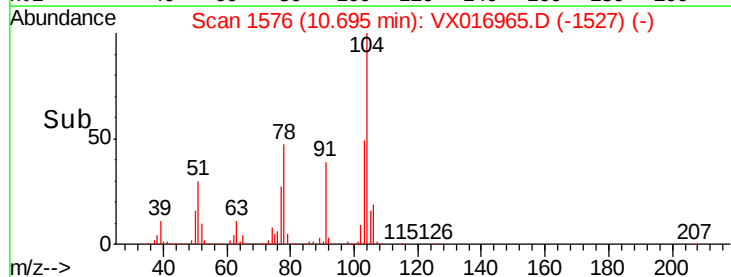
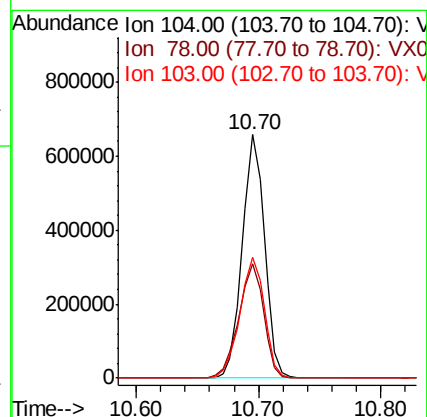
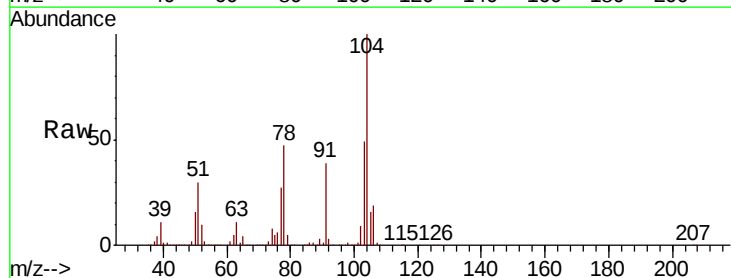
Instrument :
MSVOA_X
ClientSampleId :

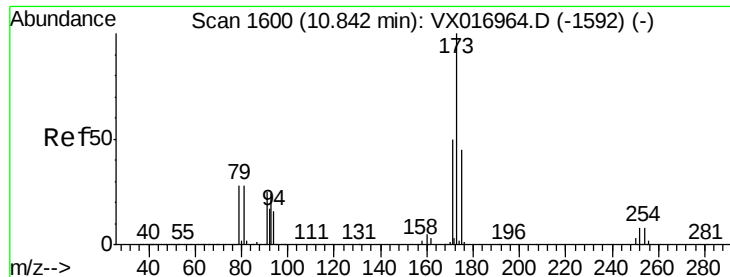
Tot Ion:106 Resp: 466893
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.2



#70
Styrene
Concen: 105.100 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:104 Resp: 827958
Ion Ratio Lower Upper
104 100
78 52.4 41.9 62.9
103 54.6 43.9 65.9





#71

Bromoform

Concen: 127.679 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

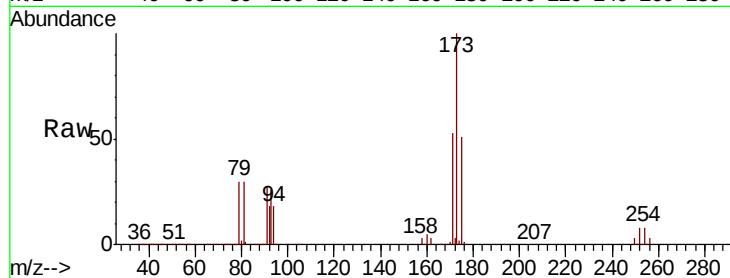
Tot Ion:173 Resp: 222733

Ion Ratio Lower Upper

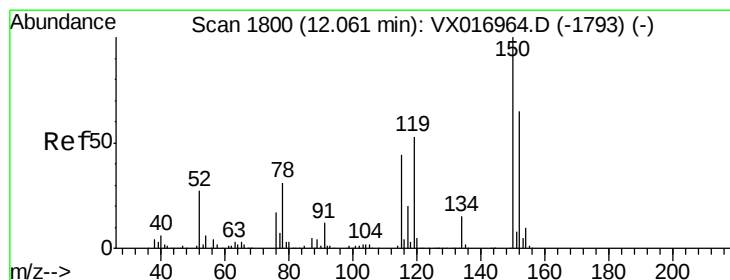
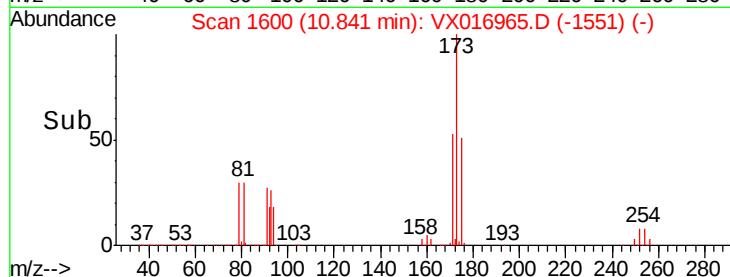
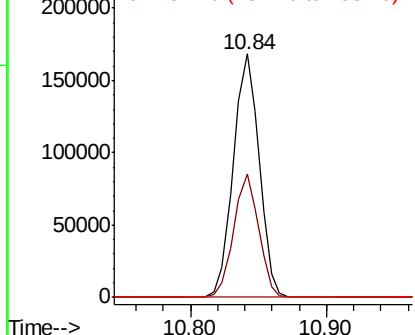
173 100

175 49.0 23.4 70.2

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

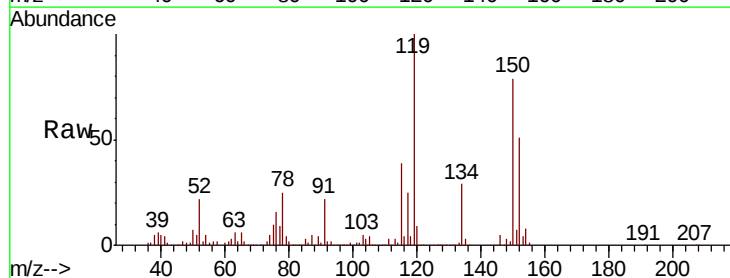
Tgt Ion:152 Resp: 174650

Ion Ratio Lower Upper

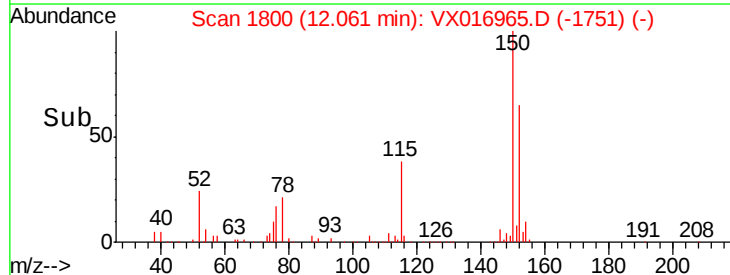
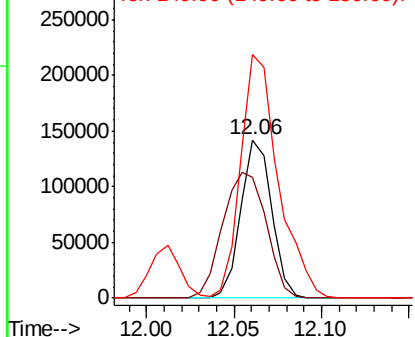
152 100

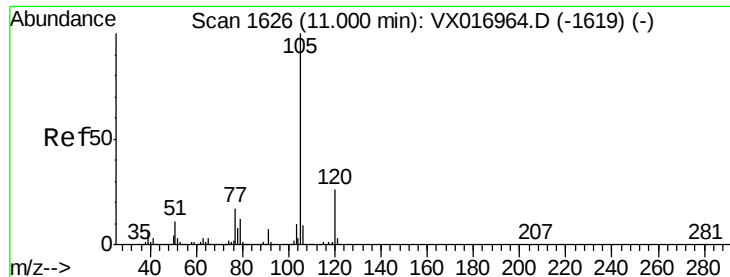
115 111.1 42.8 128.4

150 187.8 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.574 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

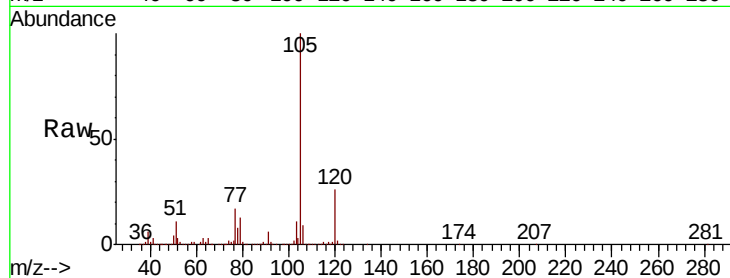
ClientSampled :

Tot Ion:105 Resp: 1266629

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

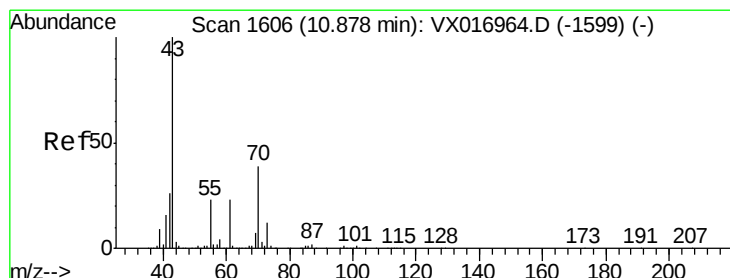
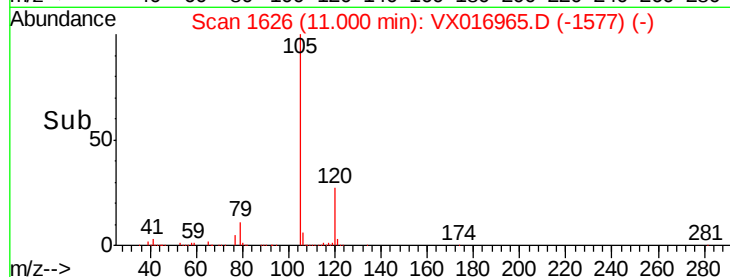
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 109.195 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion: 43 Resp: 620089

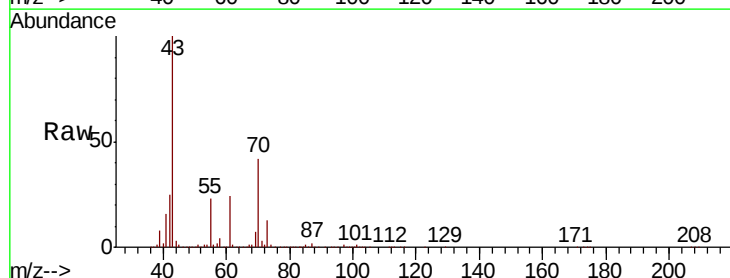
Ion Ratio Lower Upper

43 100

70 41.0 32.1 48.1

55 22.8 18.6 28.0

61 23.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

400000

200000

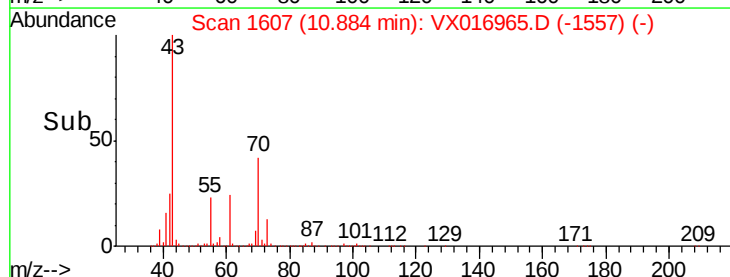
0

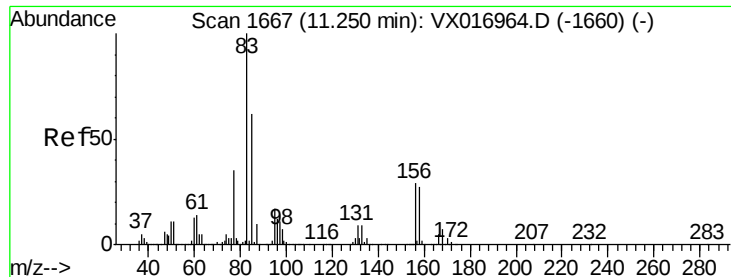
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 128.651 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

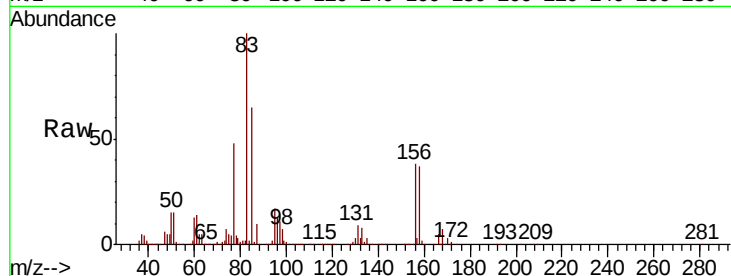
Tot Ion: 83 Resp: 397884

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

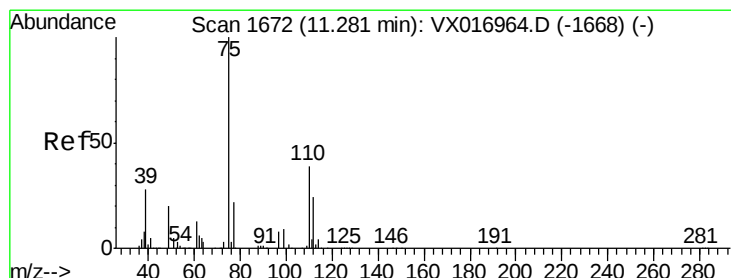
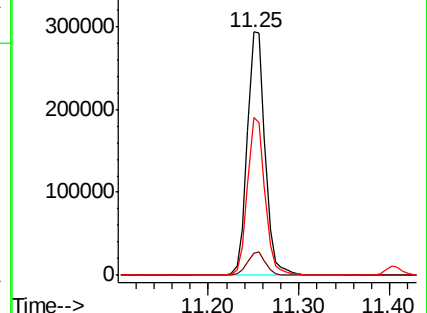
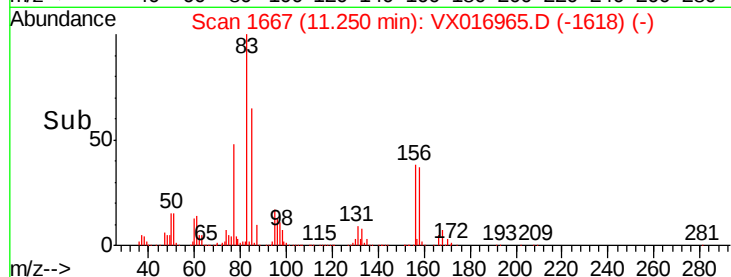
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 131.335 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016965.D

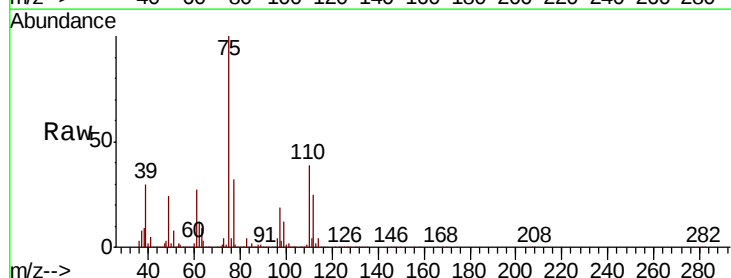
Acq: 25 Jun 2020 20:22

Tgt Ion: 75 Resp: 492073

Ion Ratio Lower Upper

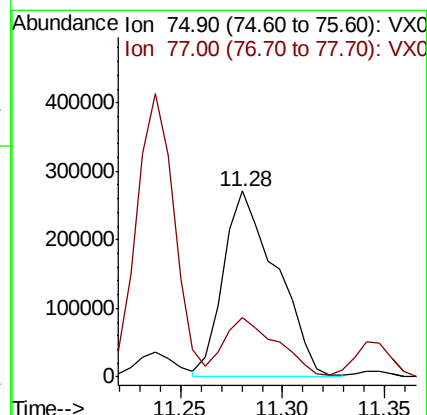
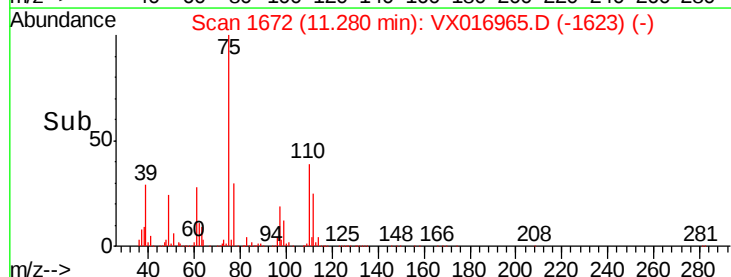
75 100

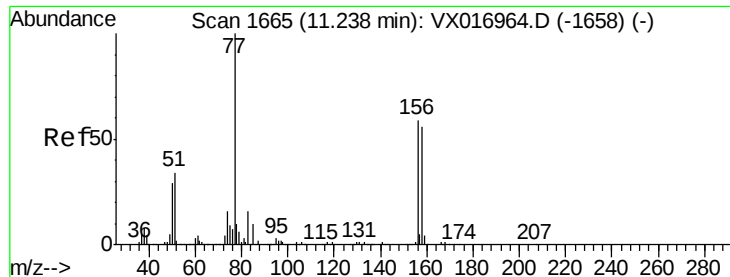
77 31.7 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 104.560 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

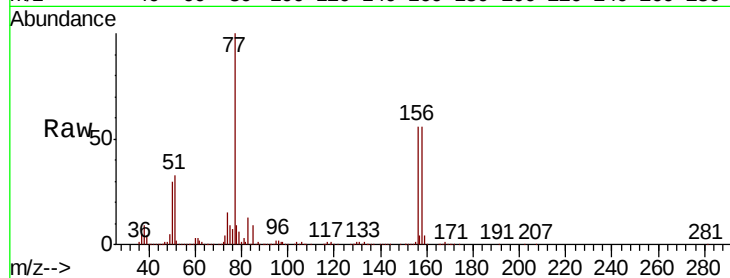
Tot Ion:156 Resp: 310210

Ion Ratio Lower Upper

156 100

77 171.1 85.2 255.6

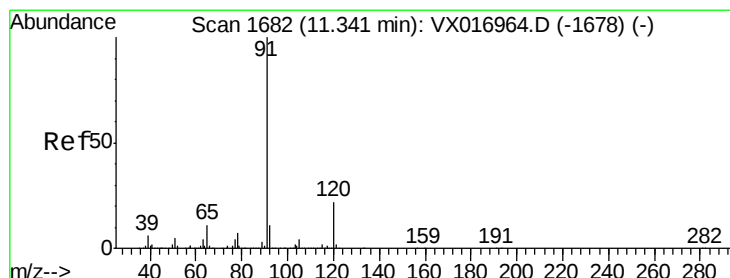
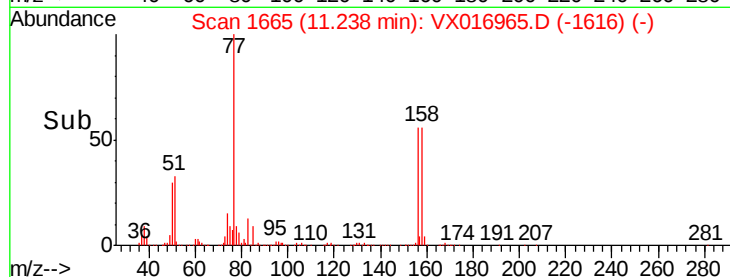
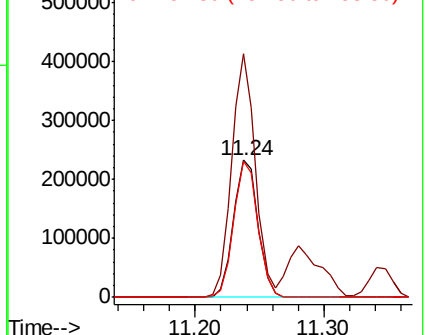
158 97.5 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.852 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016965.D

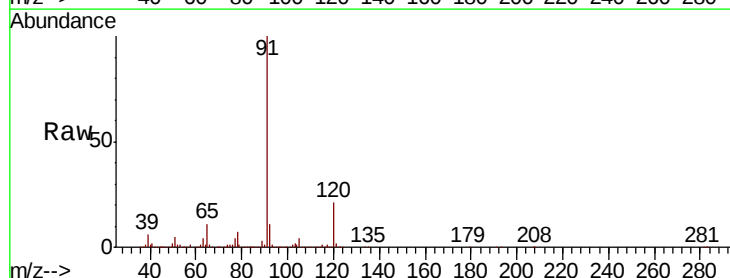
Acq: 25 Jun 2020 20:22

Tgt Ion: 91 Resp: 1516875

Ion Ratio Lower Upper

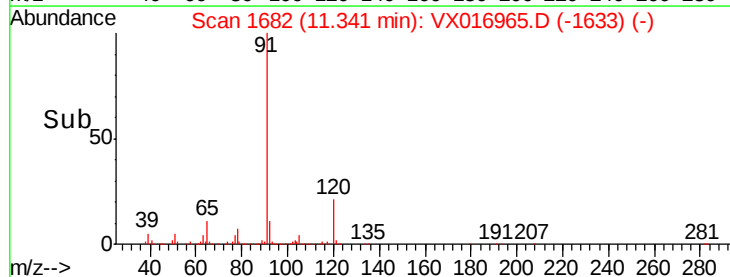
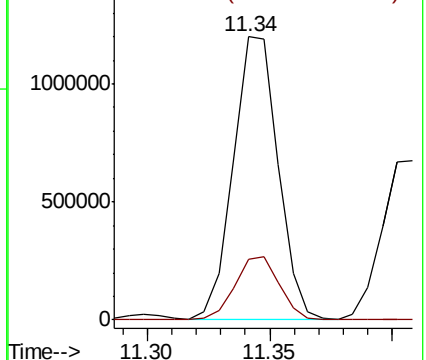
91 100

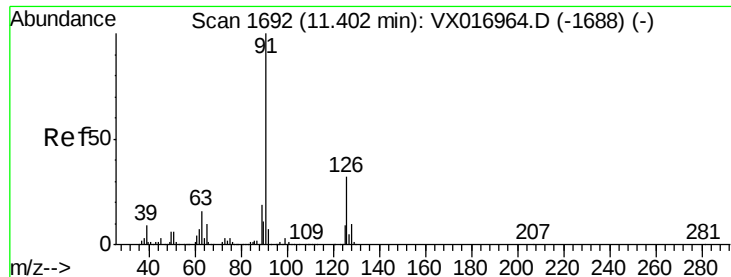
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.599 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

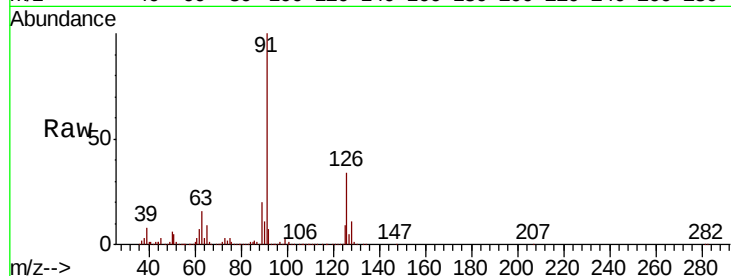
ClientSampleId :

Tot Ion: 91 Resp: 882405

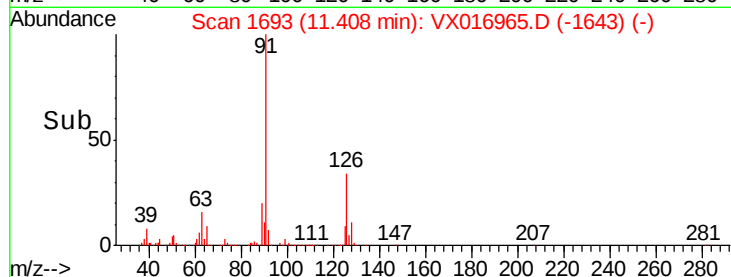
Ion Ratio Lower Upper

91 100

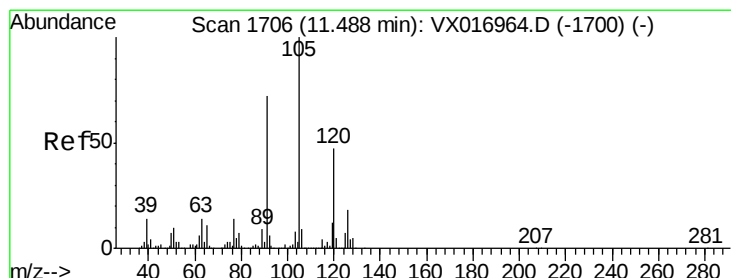
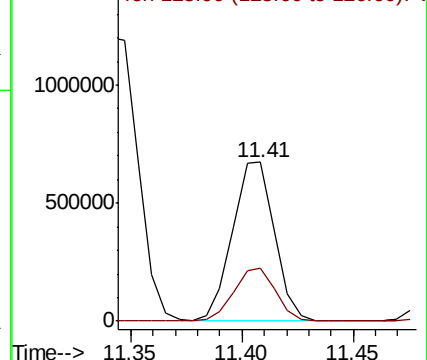
126 33.2 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX016965.D (-1643) (-)



Ion 125.90 (125.60 to 126.60): VX016965.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 98.965 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016965.D

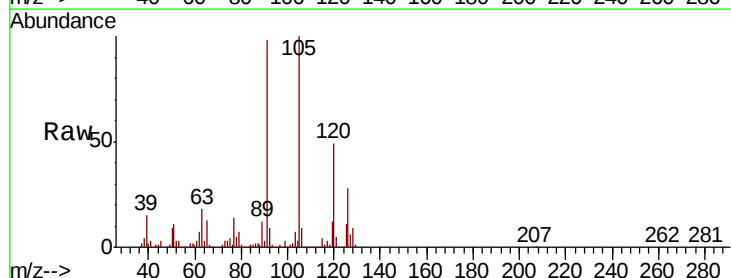
Acq: 25 Jun 2020 20:22

Tgt Ion:105 Resp: 1079215

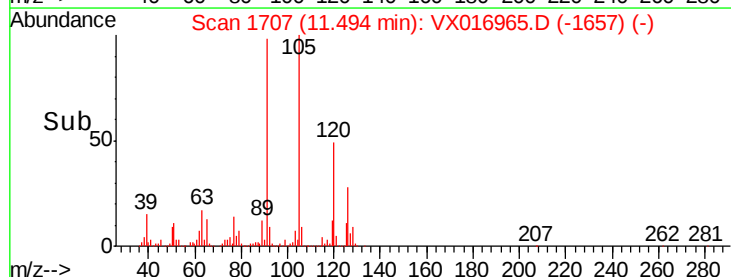
Ion Ratio Lower Upper

105 100

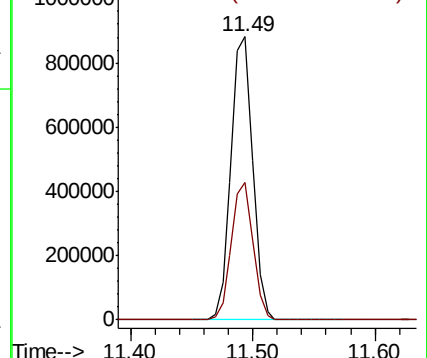
120 48.3 24.2 72.6

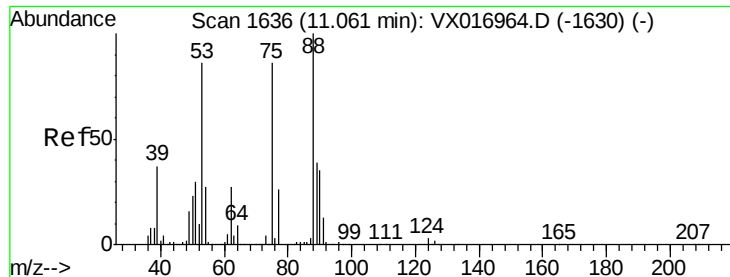


Abundance Ion 105.00 (104.70 to 105.70): VX016965.D (-1657) (-)



Ion 120.00 (119.70 to 120.70): VX016965.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 92.225 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

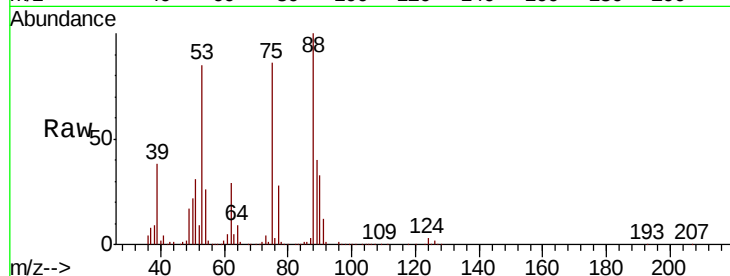
Tot Ion: 75 Resp: 149665

Ion Ratio Lower Upper

75 100

53 100.9 81.9 122.9

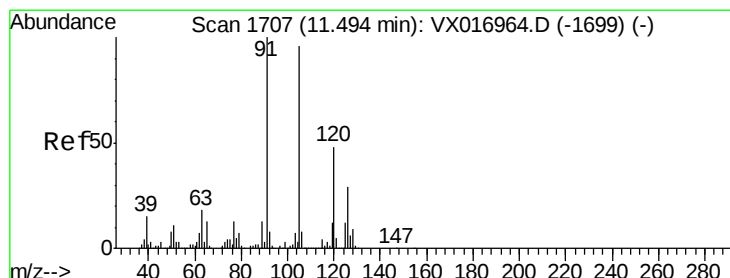
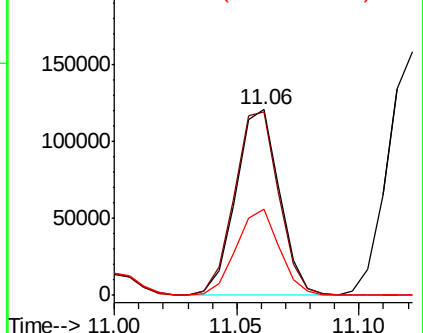
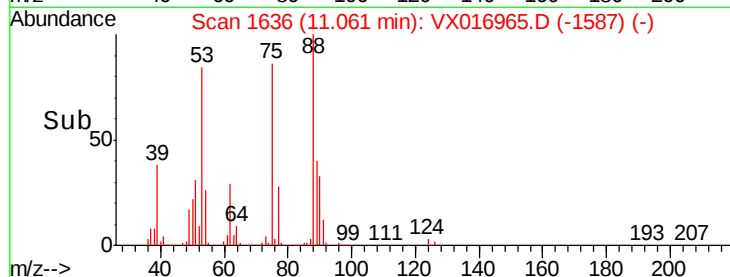
89 46.1 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 98.886 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016965.D

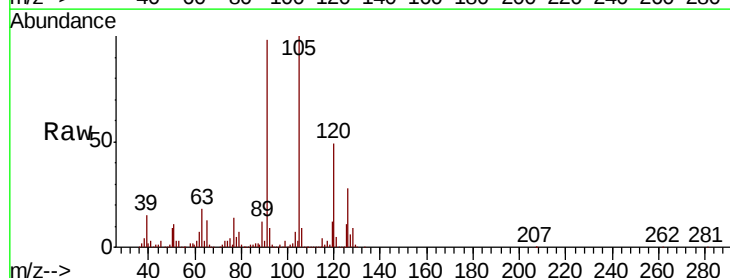
Acq: 25 Jun 2020 20:22

Tgt Ion: 91 Resp: 1057339

Ion Ratio Lower Upper

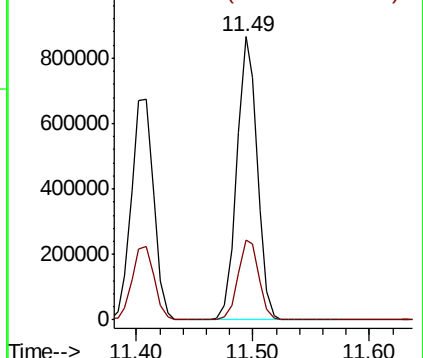
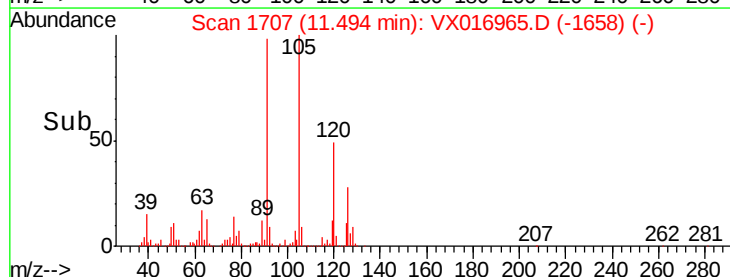
91 100

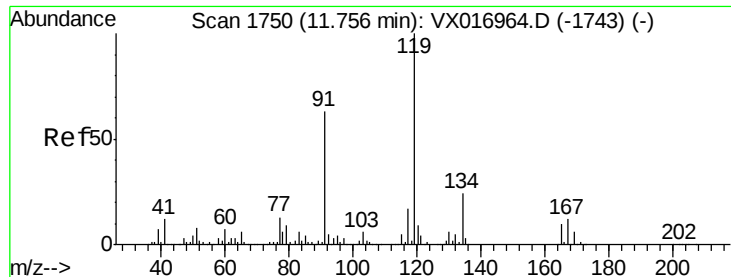
126 28.9 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

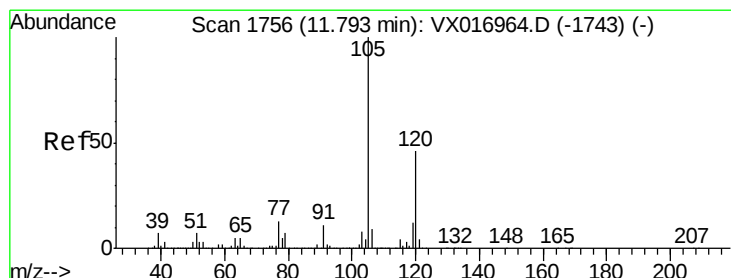
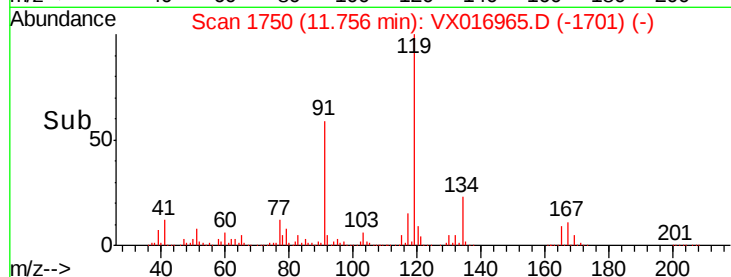
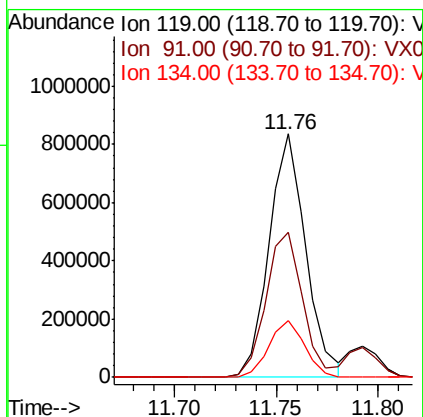
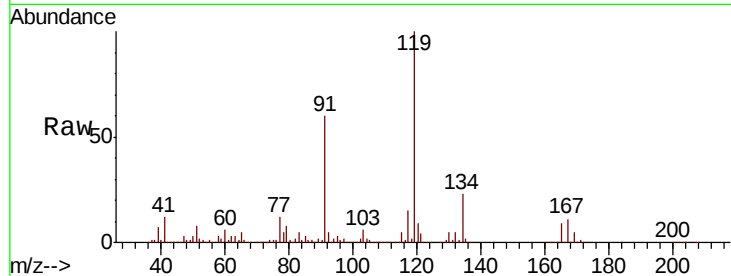




#83
tert-Butylbenzene
Concen: 111.441 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

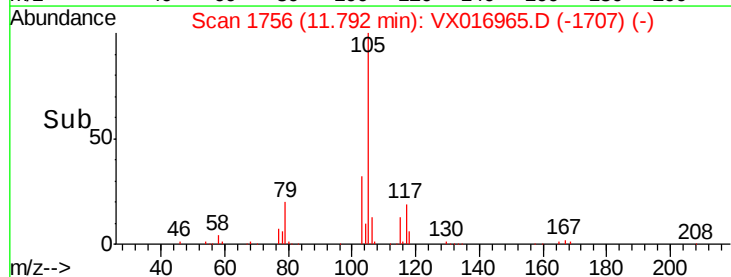
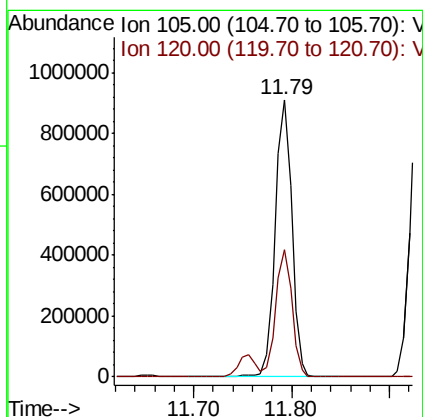
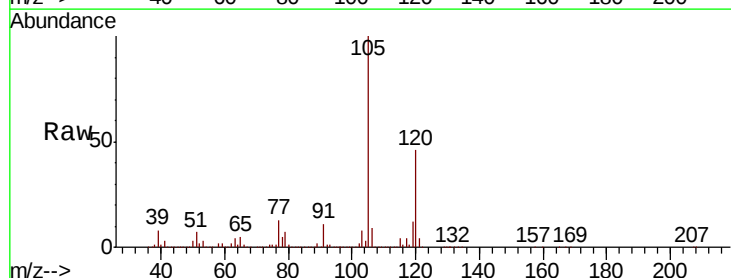
Instrument :
MSVOA_X
ClientSampleId :

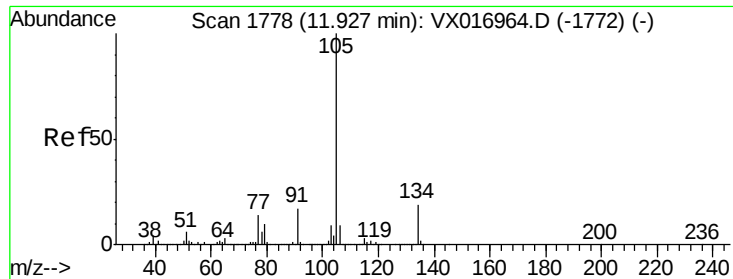
Tot Ion:119 Resp: 1049146
Ion Ratio Lower Upper
119 100
91 58.9 30.0 90.0
134 23.0 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 96.272 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:105 Resp: 1078442
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

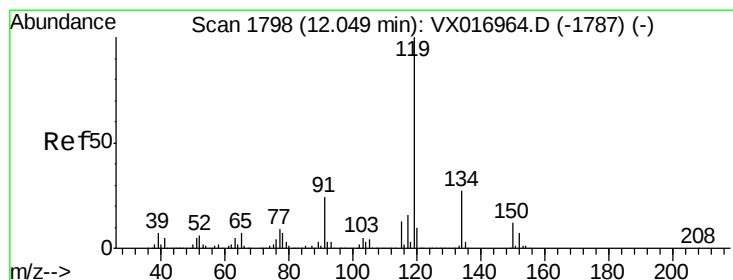
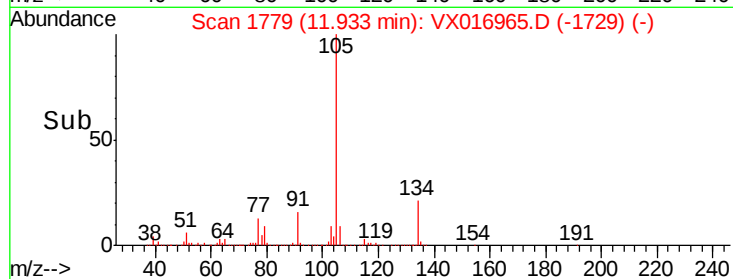
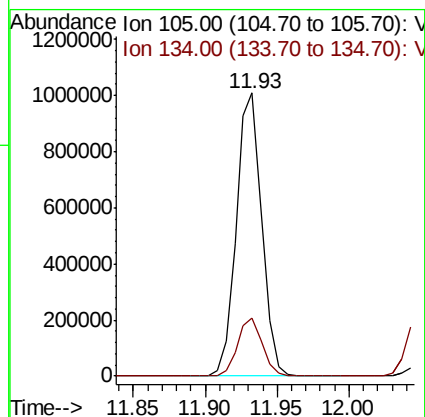
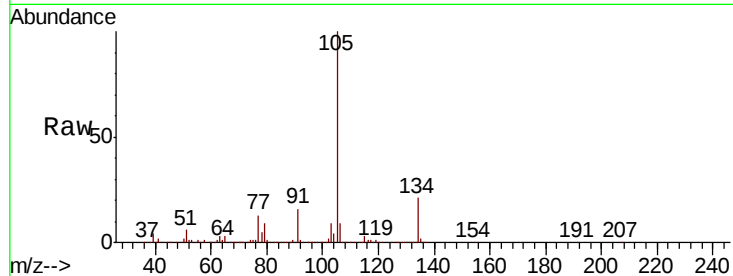




#85
 sec-Butylbenzene
 Concen: 98.885 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

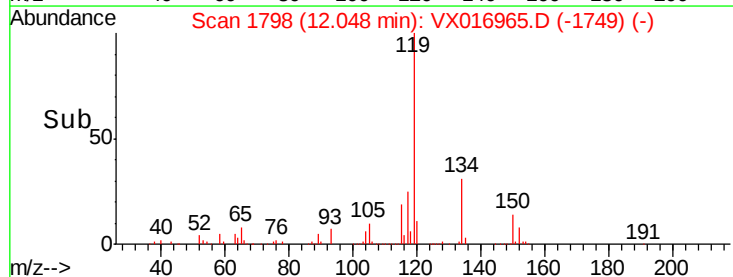
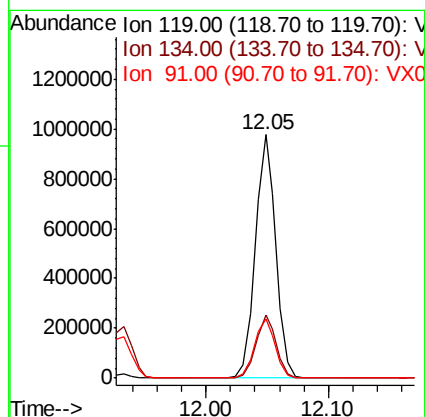
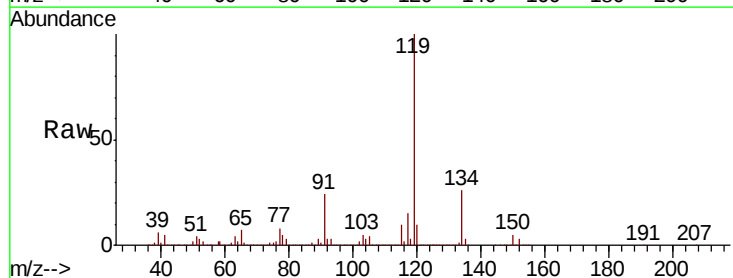
Instrument :
 MSVOA_X
 ClientSampled :

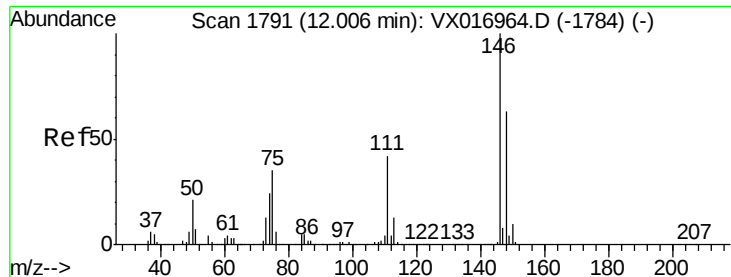
Tot Ion:105 Resp: 1242316
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 99.035 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion:119 Resp: 1135894
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.7 12.4 37.4

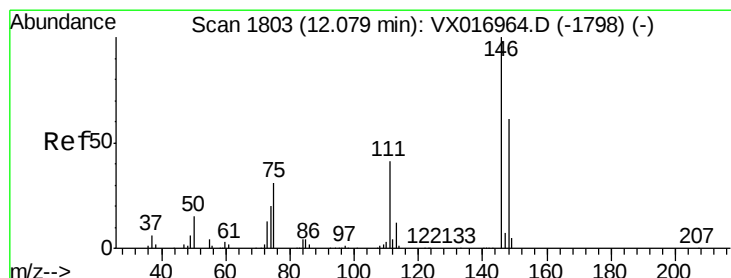
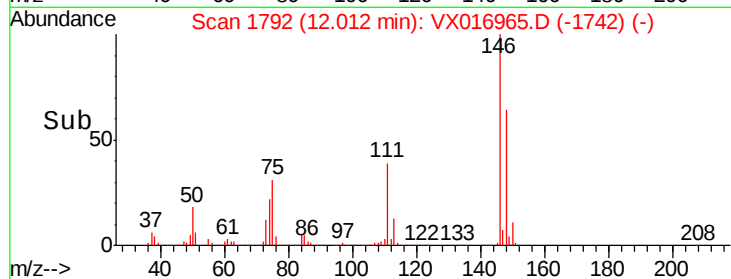
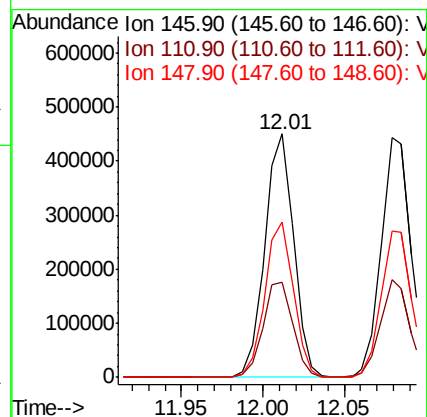
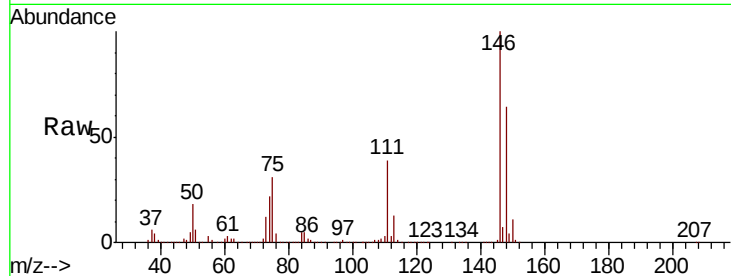




#87
 1,3-Dichlorobenzene
 Concen: 101.415 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

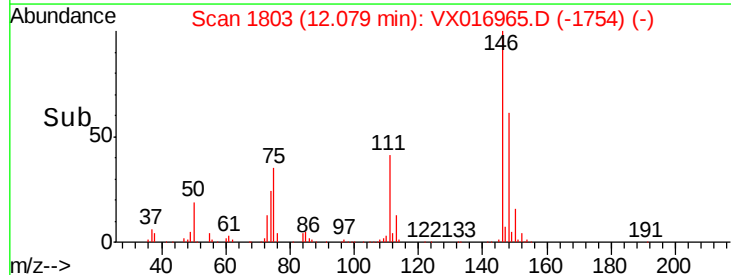
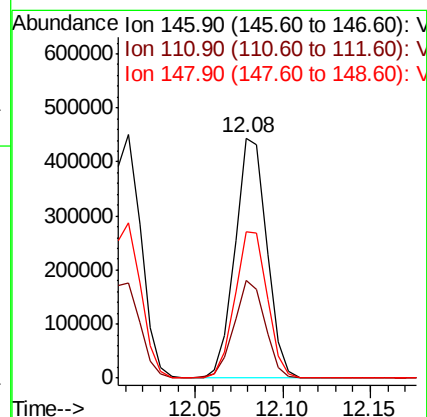
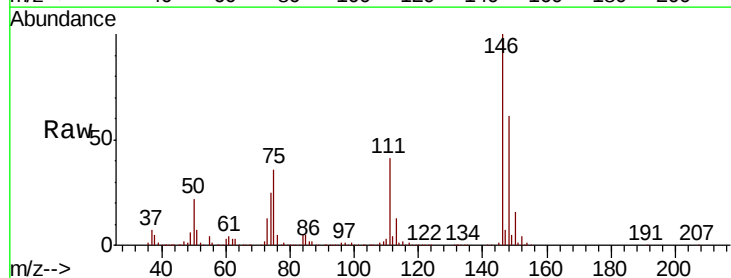
Instrument :
 MSVOA_X
 ClientSampleId :

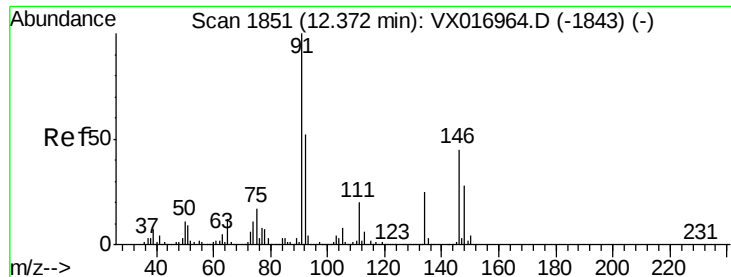
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 99.991 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	62.3	31.3	93.9

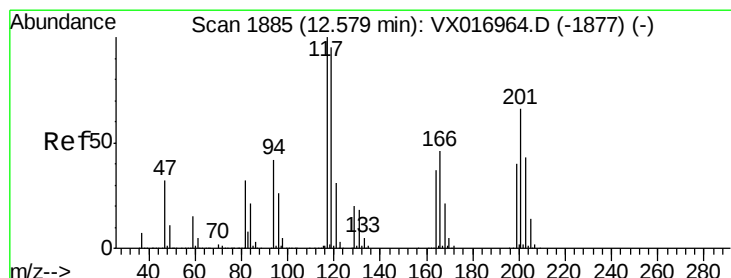
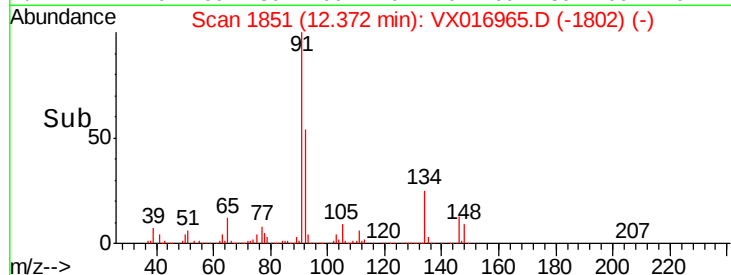
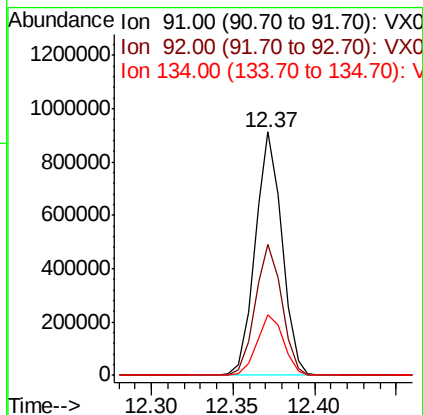
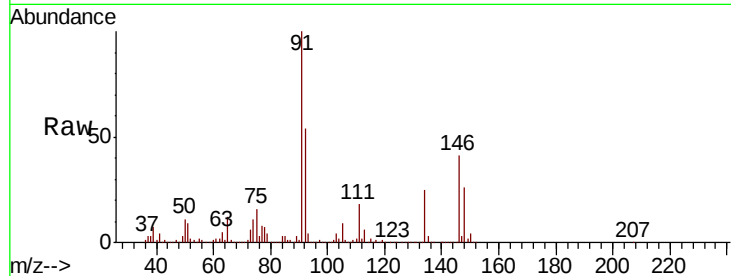




#89
n-Butylbenzene
Concen: 96.430 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

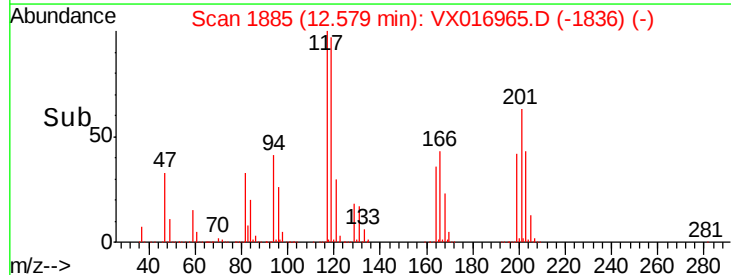
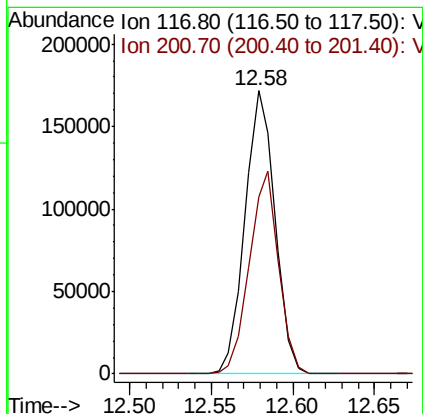
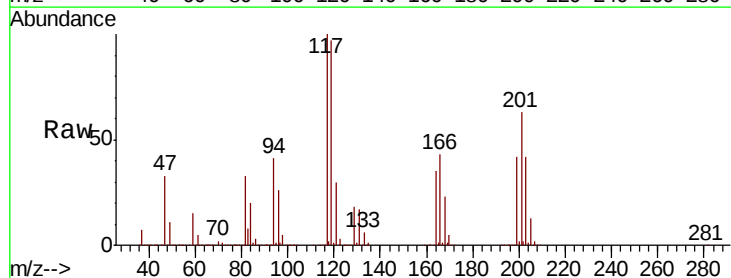
Instrument :
MSVOA_X
ClientSampleId :

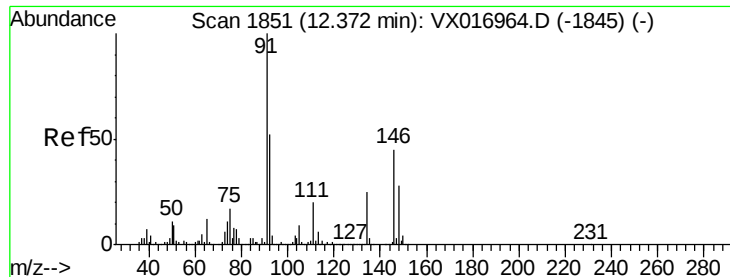
Tot Ion: 91 Resp: 1037598
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.7
134 25.0 12.6 37.8



#90
Hexachloroethane
Concen: 118.436 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 117 Resp: 221062
Ion Ratio Lower Upper
117 100
201 69.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 99.332 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

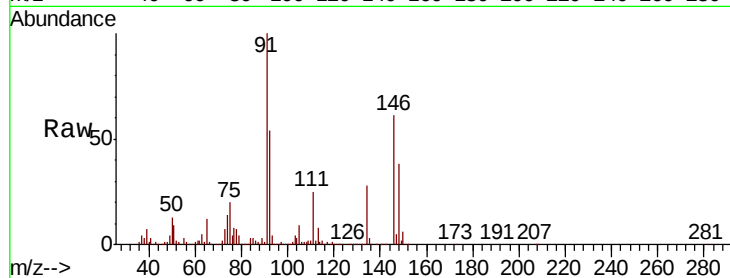
Tot Ion:146 Resp: 520235

Ion Ratio Lower Upper

146 100

111 43.2 21.6 64.6

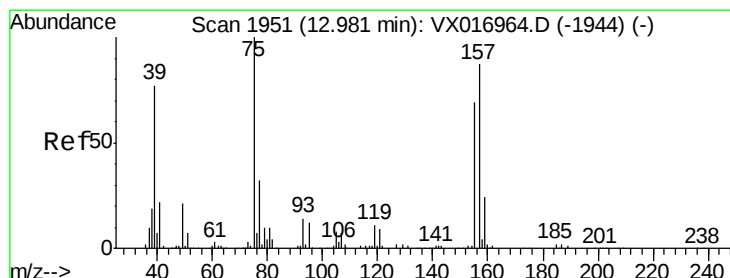
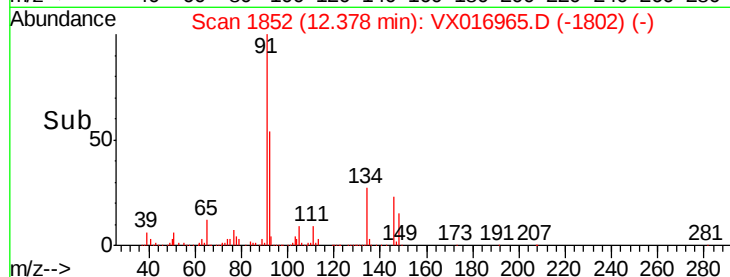
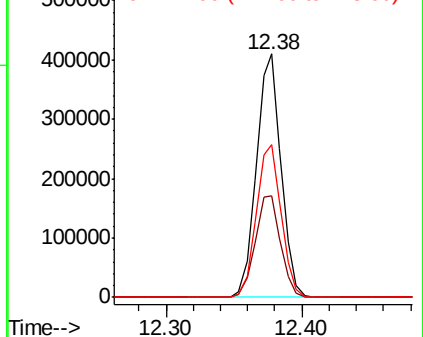
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 99.474 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

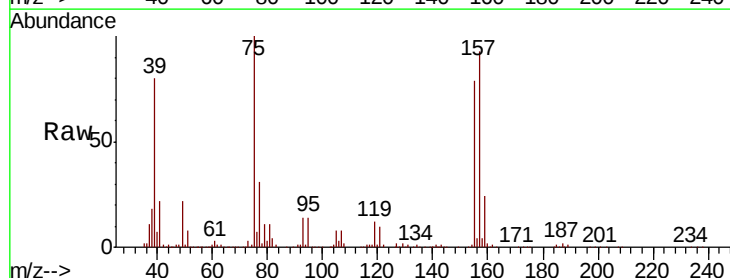
Tgt Ion: 75 Resp: 92718

Ion Ratio Lower Upper

75 100

155 81.0 39.0 117.0

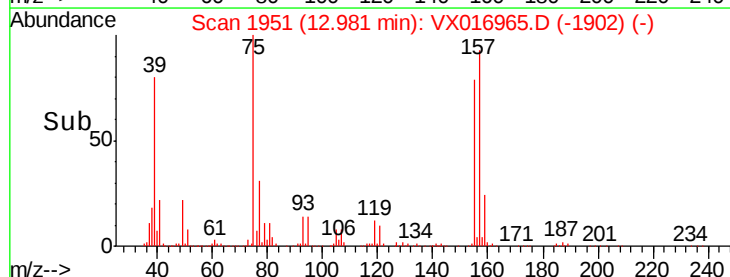
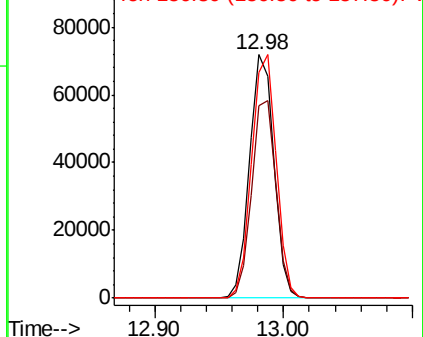
157 100.6 50.0 150.1

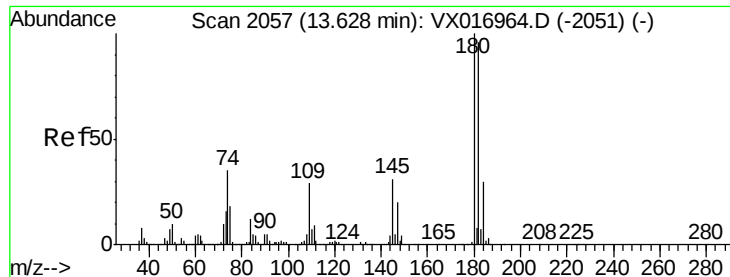


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

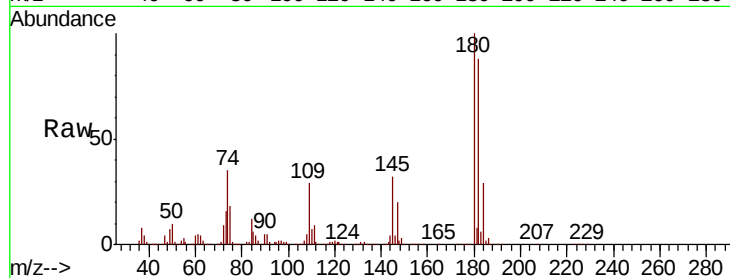




#93
 1,2,4-Trichlorobenzene
 Concen: 104.194 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.4	139.1
145	31.5	15.5	46.5

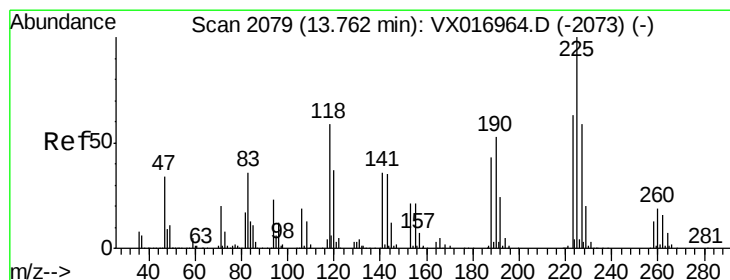
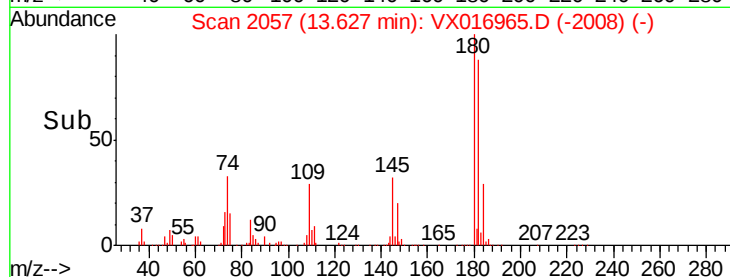
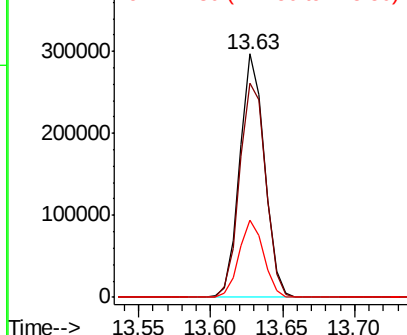


Abundance

Ion 179.80 (179.50 to 180.50): V

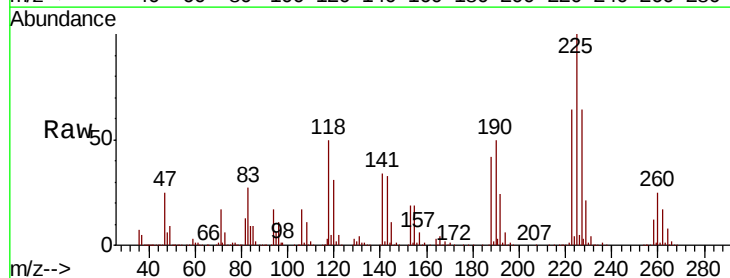
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 103.234 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.2
227	63.7	30.3	90.9

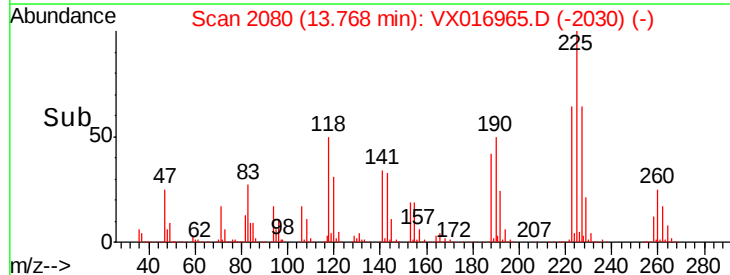
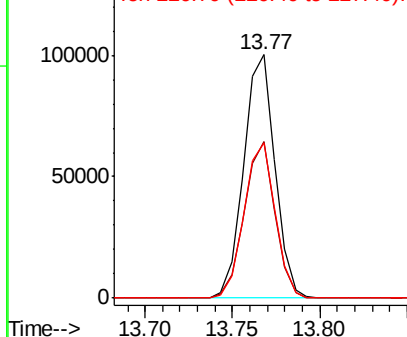


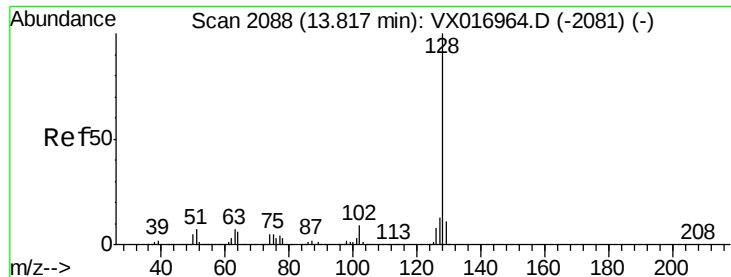
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 99.583 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

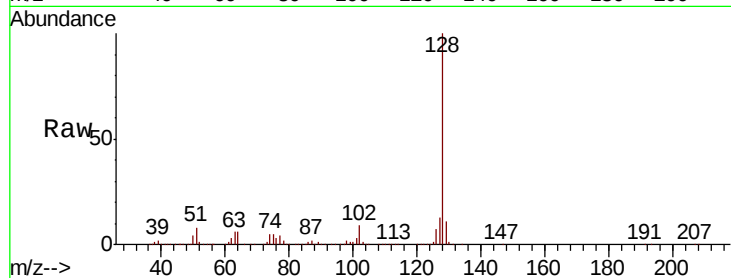
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1210392

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	8.7	13.1

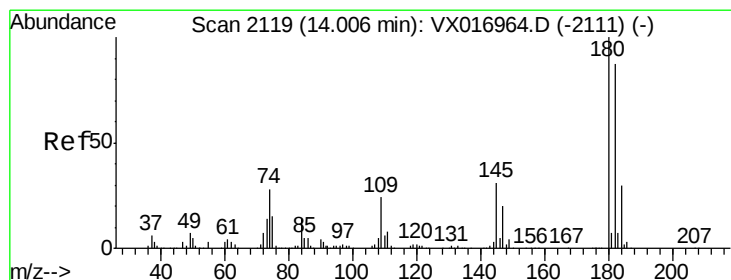
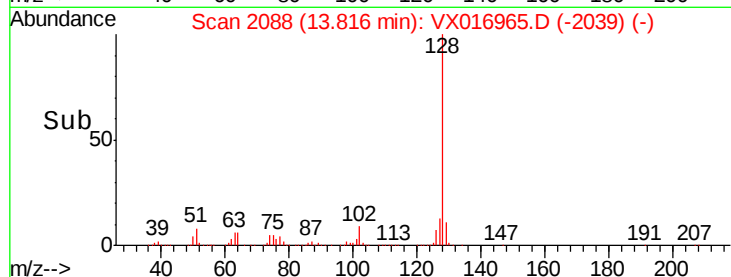
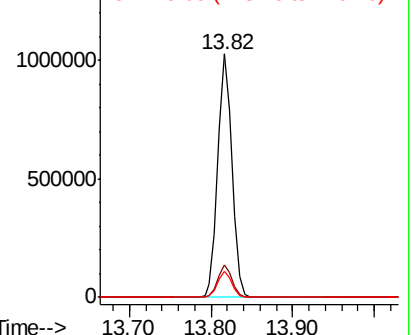


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 108.217 ug/l

RT: 14.00 min Scan# 2118

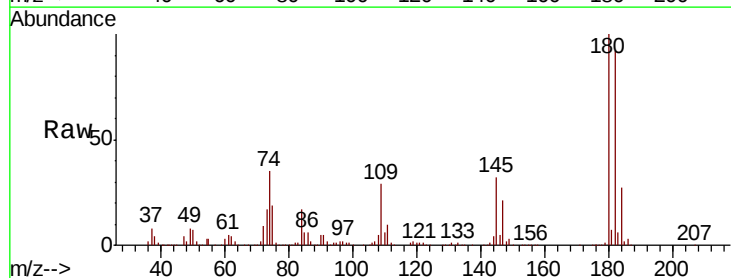
Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:180 Resp: 349141

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.8	143.3
145	32.7	16.9	50.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

