

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017965.D
 Acq On : 18 Aug 2020 18:35
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 19 02:58:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	445948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	680643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	669107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	139840	24.22	ug/l	0.00
Spiked Amount			Recovery	=	48.44%	
35) Dibromofluoromethane	5.46	113	109672	23.96	ug/l	0.00
Spiked Amount			Recovery	=	47.92%	
50) Toluene-d8	8.70	98	397053	24.08	ug/l	0.00
Spiked Amount			Recovery	=	48.16%	
62) 4-Bromofluorobenzene	11.12	95	137580	20.84	ug/l	0.00
Spiked Amount			Recovery	=	41.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	132167	26.053	ug/l	99
3) Chloromethane	1.31	50	122410	20.165	ug/l	99
4) Vinyl Chloride	1.39	62	111017	19.252	ug/l	98
5) Bromomethane	1.63	94	68043	20.393	ug/l	99
6) Chloroethane	1.72	64	64465	18.720	ug/l	90
7) Trichlorofluoromethane	1.92	101	177154	19.552	ug/l	99
8) Diethyl Ether	2.17	74	49190	15.698	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	80442	16.801	ug/l	98
10) Methyl Iodide	2.49	142	102376	16.727	ug/l	99
11) Tert butyl alcohol	3.02	59	119192	99.937	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75091	16.671	ug/l	94
13) Acrolein	2.28	56	59144	75.607	ug/l	99
14) Allyl chloride	2.71	41	132312	16.308	ug/l	99
15) Acrylonitrile	3.12	53	268284	103.452	ug/l	98
16) Acetone	2.42	43	242994	96.057	ug/l	99
17) Carbon Disulfide	2.55	76	184361	13.710	ug/l	100
18) Methyl Acetate	2.75	43	128026	21.547	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	290142	18.388	ug/l	98
20) Methylene Chloride	2.84	84	90402	16.693	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	79022	16.487	ug/l	97
22) Diisopropyl ether	3.83	45	296198	19.218	ug/l	99
23) Vinyl Acetate	3.79	43	1060591	79.938	ug/l	100
24) 1,1-Dichloroethane	3.67	63	158597	17.973	ug/l	98
25) 2-Butanone	4.64	43	367733	101.551	ug/l	99
26) 2,2-Dichloropropane	4.56	77	143089	18.024	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	90379	16.988	ug/l	99
28) Bromochloromethane	4.98	49	92934	22.881	ug/l	98
29) Tetrahydrofuran	5.10	42	233970	103.848	ug/l	98
30) Chloroform	5.18	83	173491	19.081	ug/l	100
31) Cyclohexane	5.55	56	127995	17.830	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	158055	18.492	ug/l	99
36) 1,1-Dichloropropene	5.77	75	107168	16.529	ug/l	98
37) Ethyl Acetate	4.80	43	125498	17.988	ug/l	98
38) Carbon Tetrachloride	5.76	117	138126	17.362	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124917	16.326	ug/l	97
40) Benzene	6.12	78	332283	17.925	ug/l	98
41) Methacrylonitrile	5.01	41	73591	18.051	ug/l	98
42) 1,2-Dichloroethane	6.16	62	142651	18.757	ug/l	100
43) Isopropyl Acetate	6.42	43	206795	18.115	ug/l	99
44) Trichloroethene	7.19	130	93555	17.151	ug/l	94
45) 1,2-Dichloropropane	7.49	63	95694	18.365	ug/l	100
46) Dibromomethane	7.64	93	66105	17.989	ug/l	96
47) Bromodichloromethane	7.88	83	137271	18.212	ug/l	96
48) Methyl methacrylate	7.75	41	101912	17.357	ug/l	98
49) 1,4-Dioxane	7.71	88	43261	383.012	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	740274	104.851	ug/l	99
52) Toluene	8.77	92	214303	17.914	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	147262	18.050	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	160752	19.224	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	101115	20.134	ug/l	97
56) Ethyl methacrylate	9.16	69	133744	17.913	ug/l	99
57) 1,3-Dichloropropane	9.35	76	161321	19.609	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	314015	81.270	ug/l	100
59) 2-Hexanone	9.48	43	555513	105.129	ug/l	99
60) Dibromochloromethane	9.57	129	123133	19.403	ug/l	100
61) 1,2-Dibromoethane	9.65	107	108099	20.046	ug/l	100
64) Tetrachloroethene	9.32	164	101482	17.296	ug/l	94
65) Chlorobenzene	10.12	112	247465	17.297	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	106442	18.344	ug/l	99
67) Ethyl Benzene	10.24	91	404526	17.025	ug/l	98
68) m/p-Xylenes	10.34	106	309290	33.854	ug/l	99
69) o-Xylene	10.68	106	144090	16.324	ug/l	99
70) Styrene	10.70	104	256605	17.050	ug/l	98
71) Bromoform	10.84	173	93157	18.590	ug/l #	99
73) Isopropylbenzene	11.00	105	412611	17.736	ug/l	99
74) N-amyl acetate	10.88	43	183210	17.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	146414	19.796	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	179084	25.492	ug/l	82
77) Bromobenzene	11.24	156	115673	17.775	ug/l	98
78) n-propylbenzene	11.35	91	469395	17.810	ug/l	100
79) 2-Chlorotoluene	11.40	91	293083	17.980	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	362092	18.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	50661	18.152	ug/l	97
82) 4-Chlorotoluene	11.49	91	349391	18.301	ug/l	98
83) tert-Butylbenzene	11.76	119	346156	18.344	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	373655	18.671	ug/l	98
85) sec-Butylbenzene	11.93	105	410826	18.544	ug/l	100
86) p-Isopropyltoluene	12.05	119	389468	18.513	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	205718	18.513	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209385	18.141	ug/l	99
89) n-Butylbenzene	12.37	91	295963	15.891	ug/l	99
90) Hexachloroethane	12.58	117	75773	18.182	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	193917	17.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33935	16.837	ug/l	97

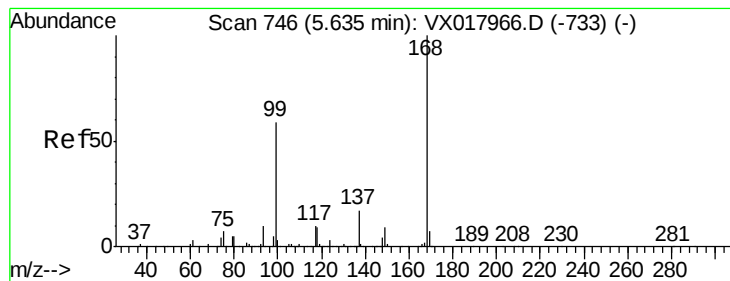
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	117101	15.965	ug/l	99
94) Hexachlorobutadiene	13.77	225	50851	15.091	ug/l	91
95) Naphthalene	13.82	128	371659	16.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	120646	16.464	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

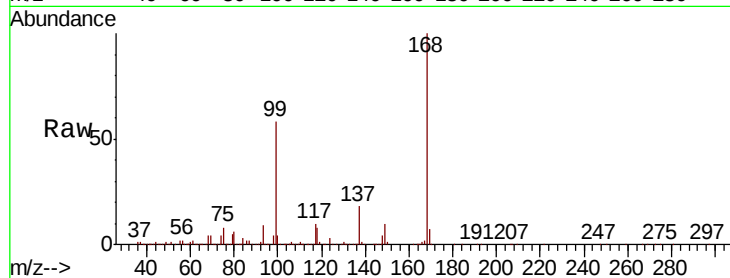
VSTDIC020

Tot Ion:168 Resp: 445948

Ion Ratio Lower Upper

168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

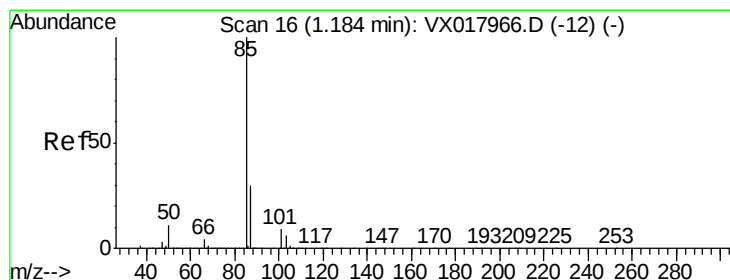
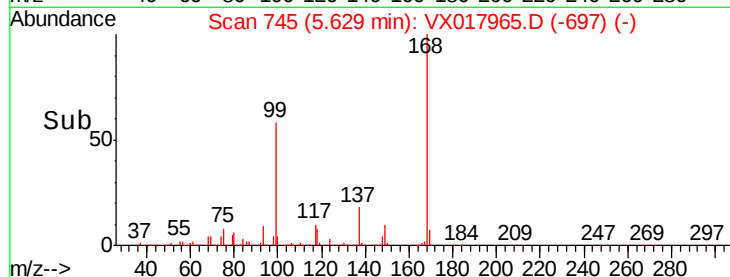
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 26.053 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017965.D

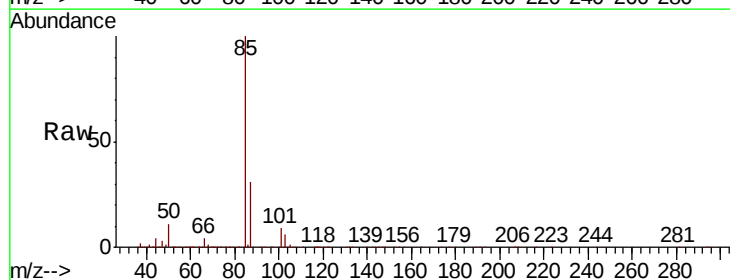
Acq: 18 Aug 2020 18:35

Tgt Ion: 85 Resp: 132167

Ion Ratio Lower Upper

85 100

87 31.2 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

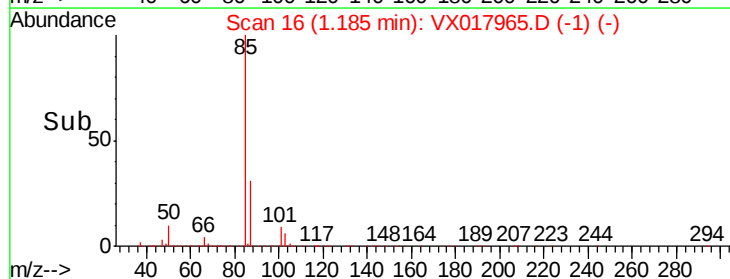
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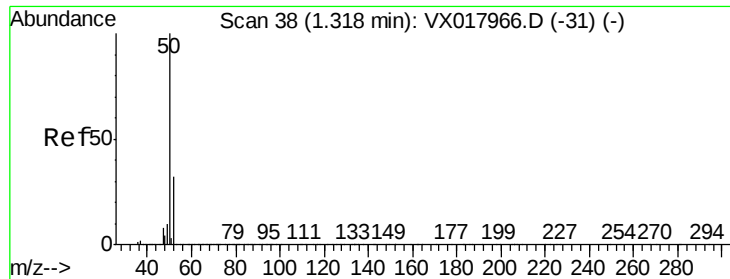
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Time-->

1.10 1.15 1.20 1.25 1.30

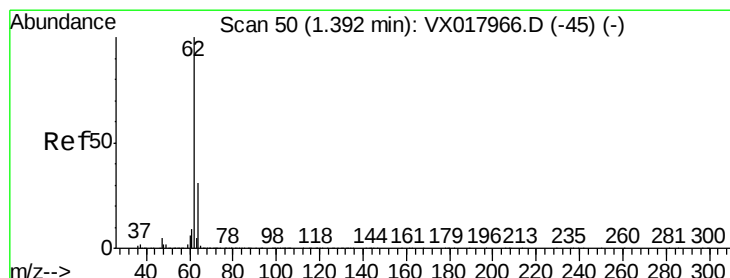
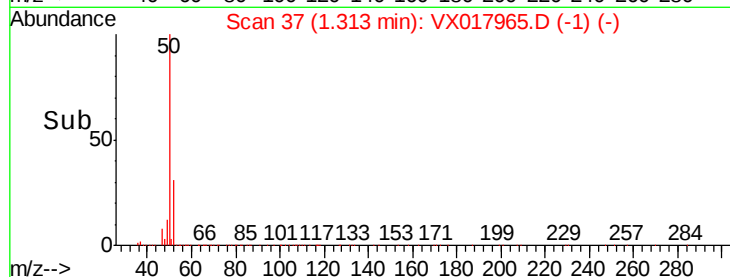
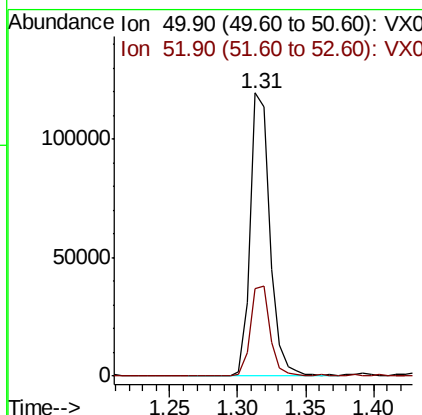
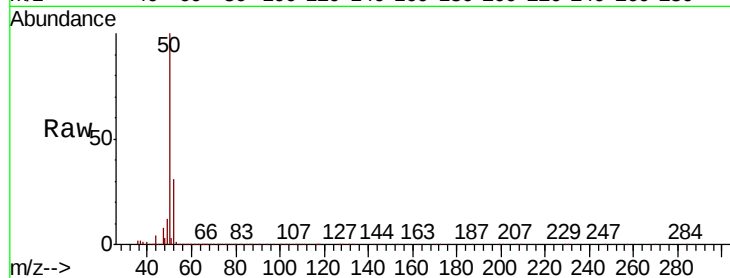




#3
Chloromethane
Concen: 20.165 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

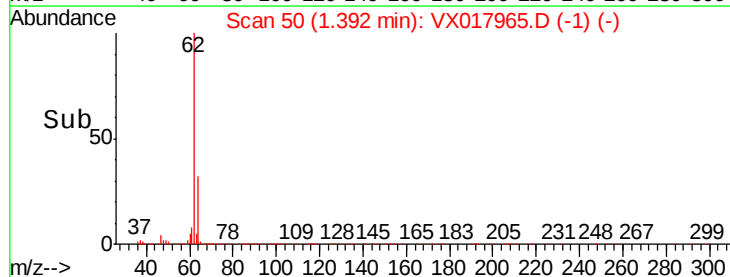
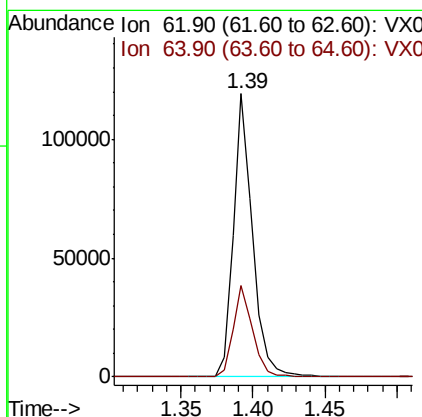
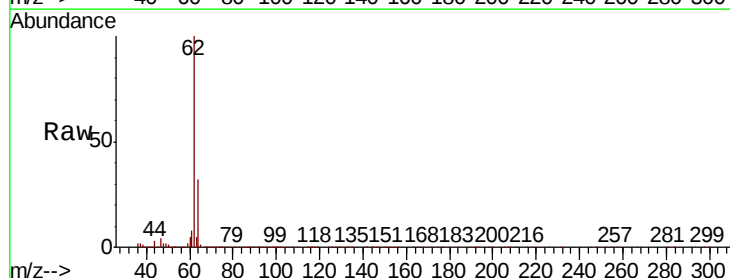
Instrument :
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VSTDIC020

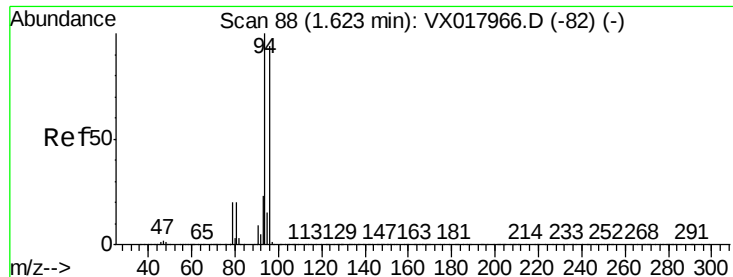
Tot Ion: 50 Resp: 122410
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0



#4
Vinyl Chloride
Concen: 19.252 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion: 62 Resp: 111017
Ion Ratio Lower Upper
62 100
64 32.1 24.7 37.1





#5

Bromomethane

Concen: 20.393 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

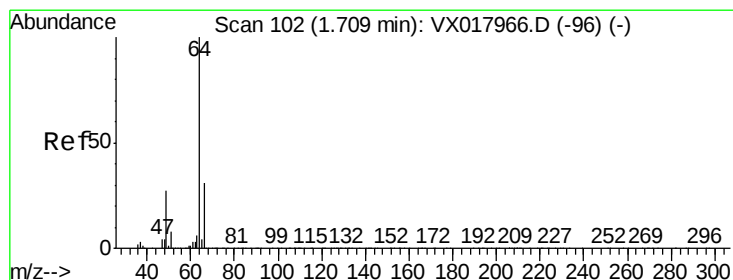
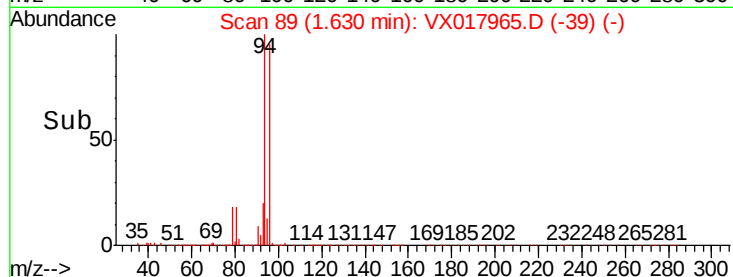
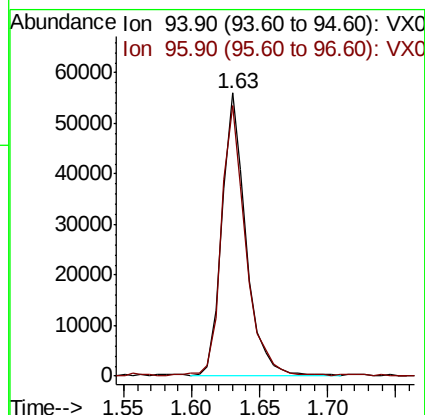
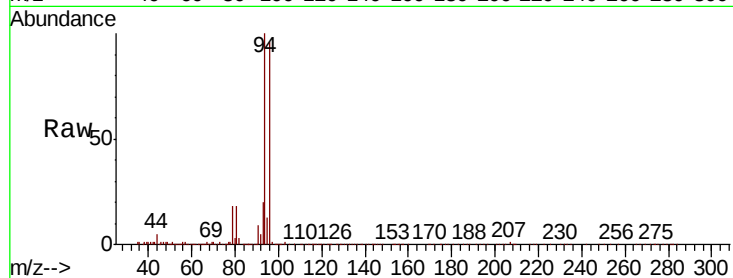
VSTDIC020

Tot Ion: 94 Resp: 68043

Ion Ratio Lower Upper

94 100

96 95.3 75.5 113.3



#6

Chloroethane

Concen: 18.720 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017965.D

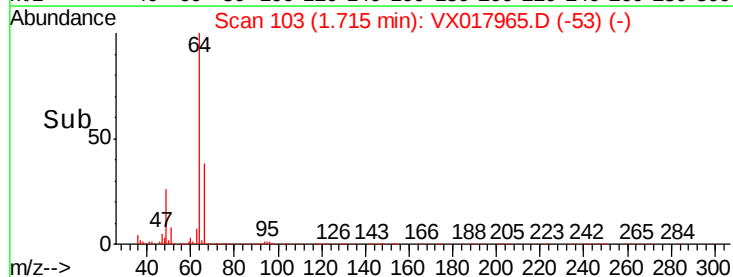
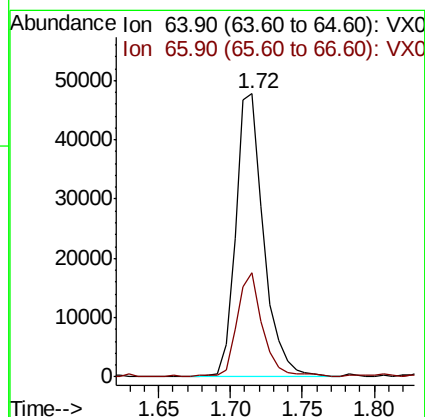
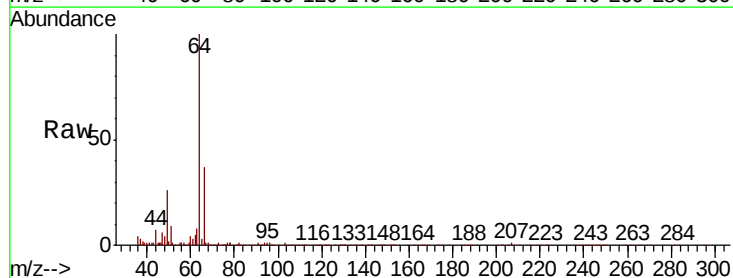
Acq: 18 Aug 2020 18:35

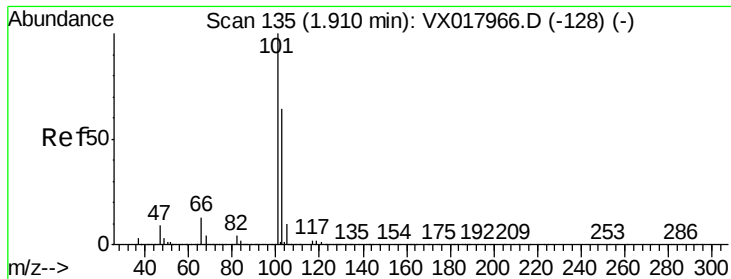
Tgt Ion: 64 Resp: 64465

Ion Ratio Lower Upper

64 100

66 36.5 25.0 37.4



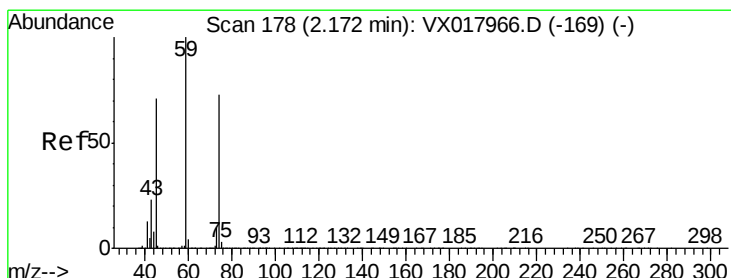
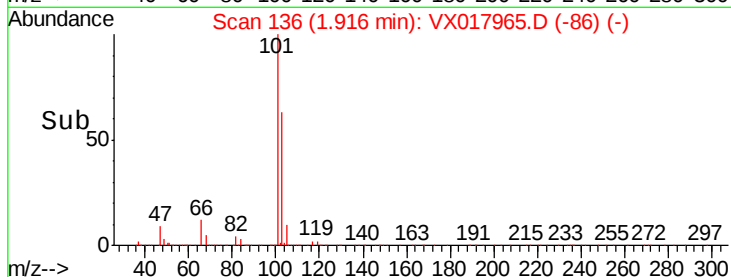
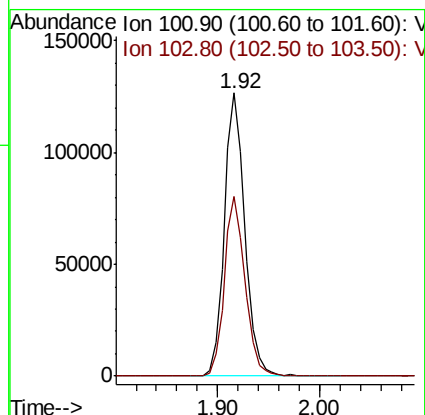
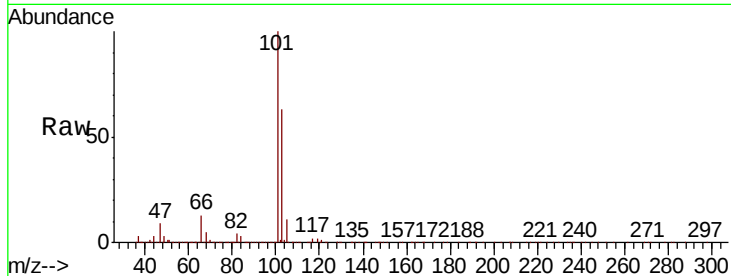


#7

Trichlorofluoromethane
 Concen: 19.552 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Instrument :
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 ClientSampleId :
 VSTDIC020

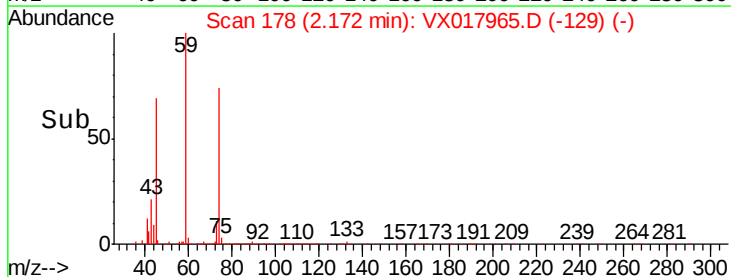
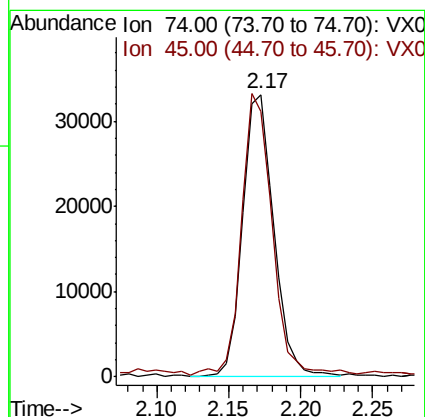
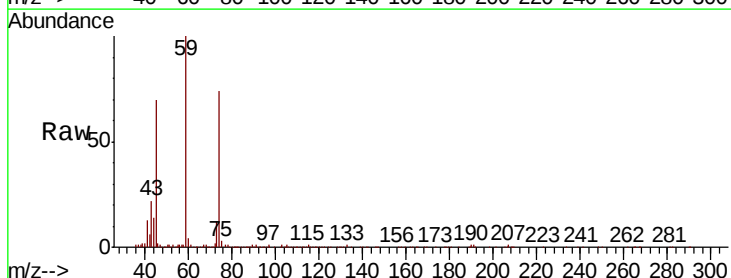
Tot Ion:101 Resp: 177154
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

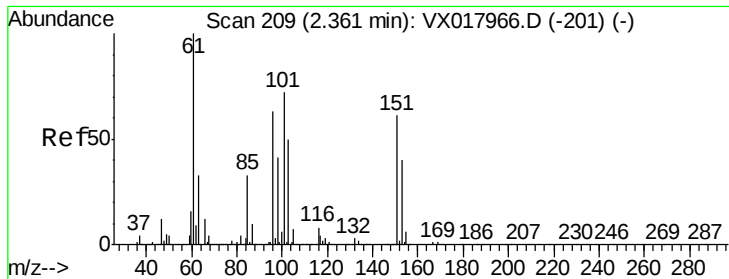


#8

Diethyl Ether
 Concen: 15.698 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 74 Resp: 49190
 Ion Ratio Lower Upper
 74 100
 45 98.1 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.801 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

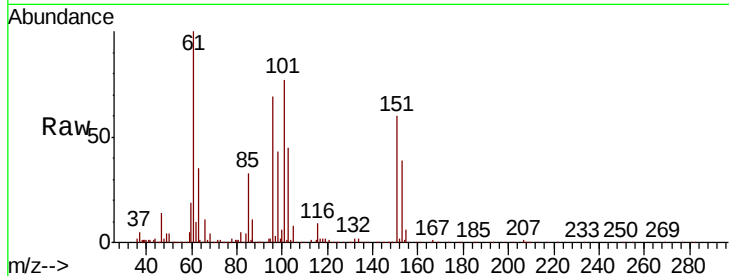
Tot Ion:101 Resp: 80442

Ion Ratio Lower Upper

101 100

85 43.4 35.4 53.2

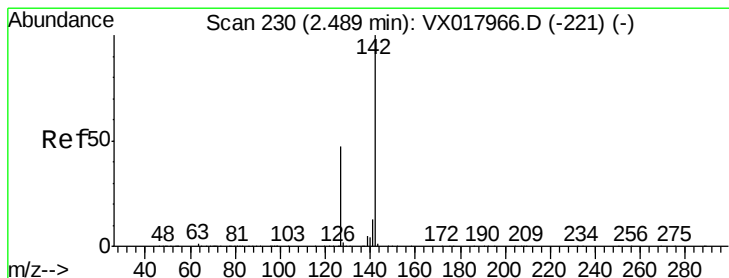
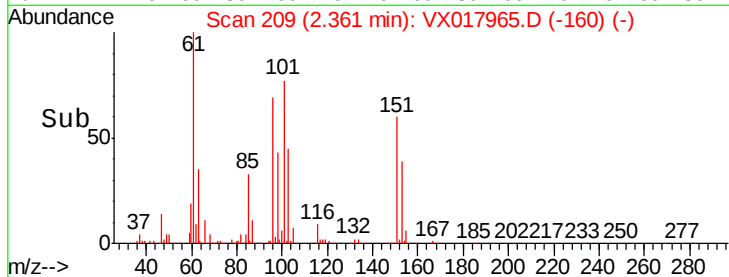
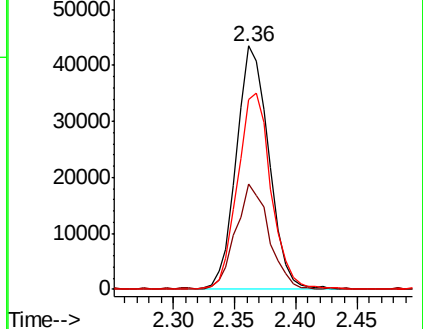
151 83.2 65.4 98.0



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: 16.727 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

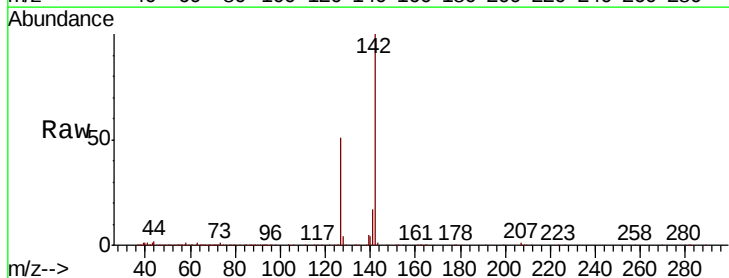
Tgt Ion:142 Resp: 102376

Ion Ratio Lower Upper

142 100

127 47.4 38.0 57.0

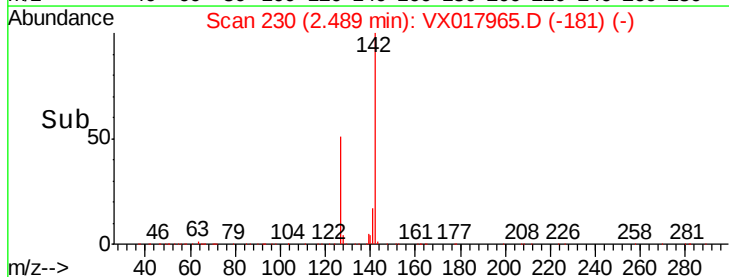
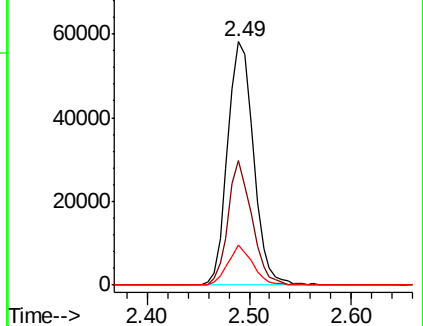
141 15.8 11.2 16.8

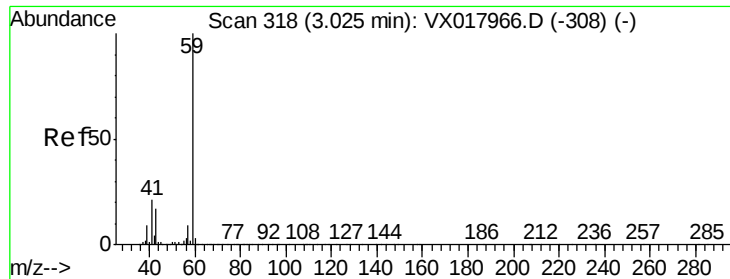


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



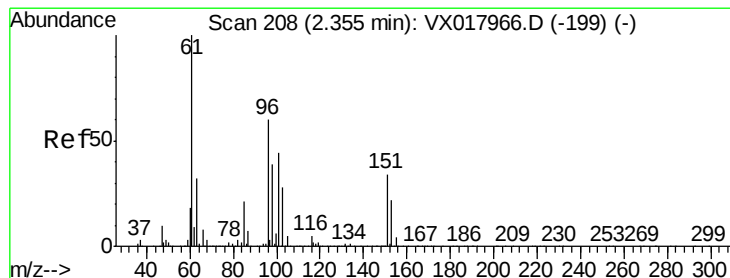
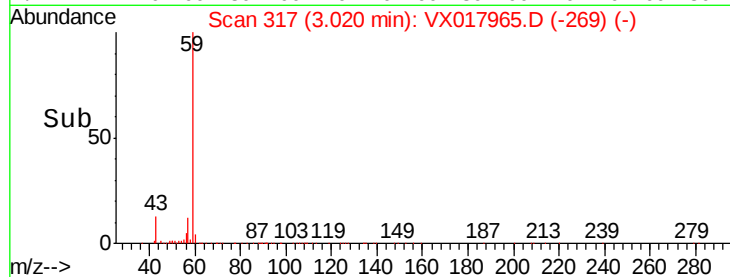
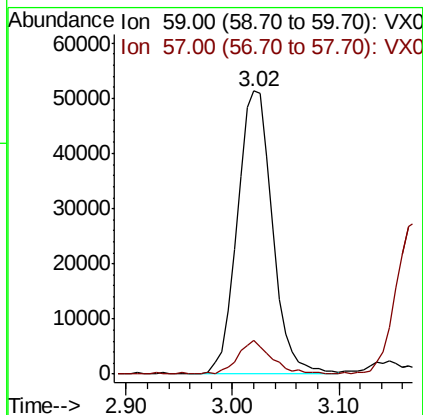
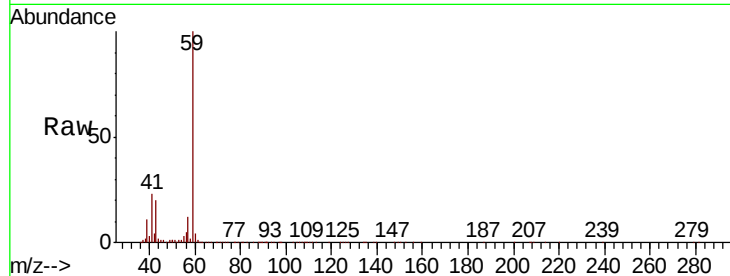


#11

Tert butyl alcohol
 Concen: 99.937 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

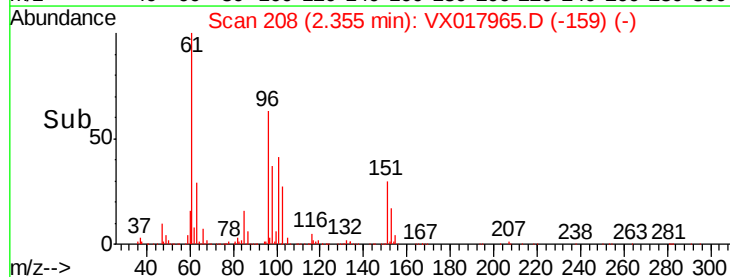
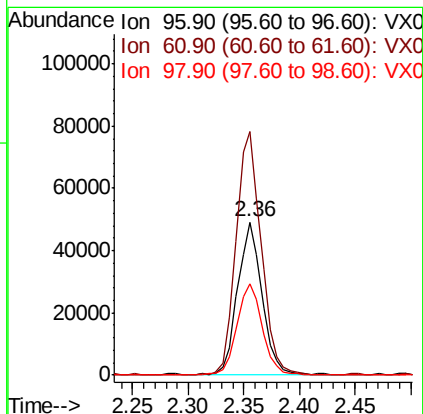
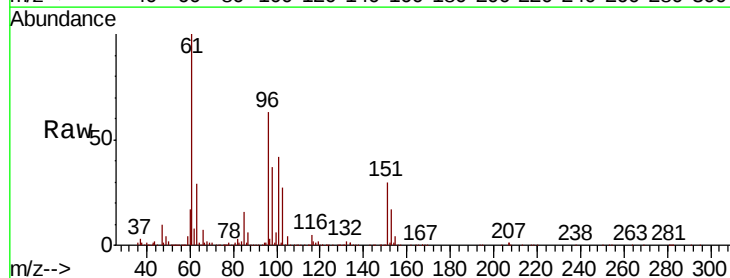
Tot Ion: 59 Resp: 119192
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.6 13.0

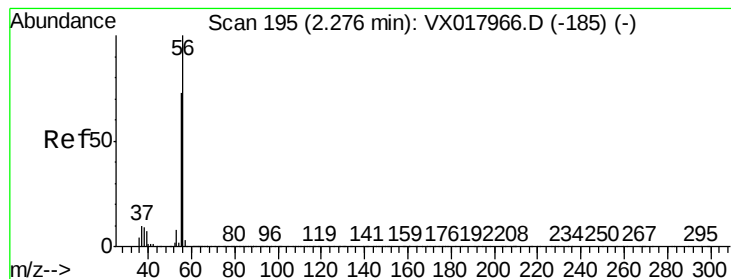


#12

1,1-Dichloroethene
 Concen: 16.671 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 96 Resp: 75091
 Ion Ratio Lower Upper
 96 100
 61 159.0 132.9 199.3
 98 59.4 51.6 77.4





#13

Acrolein

Concen: 75.607 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

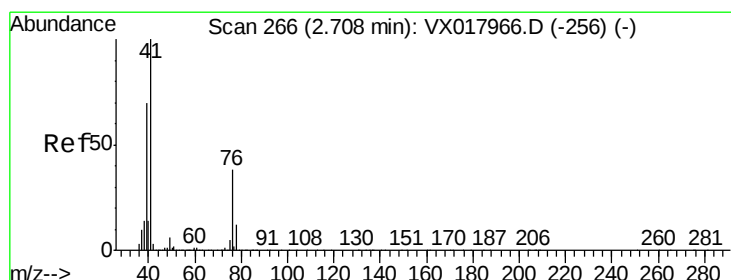
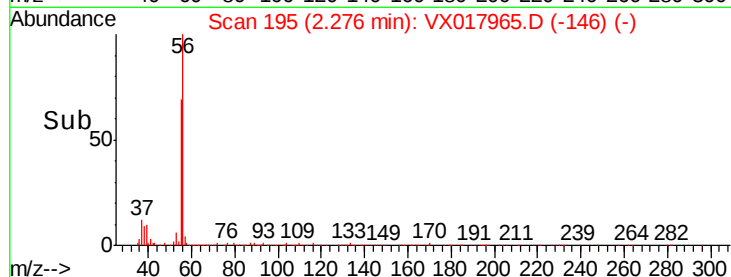
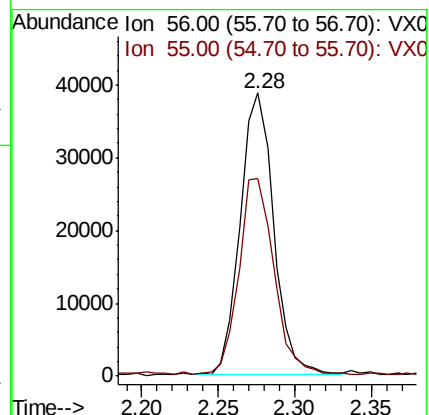
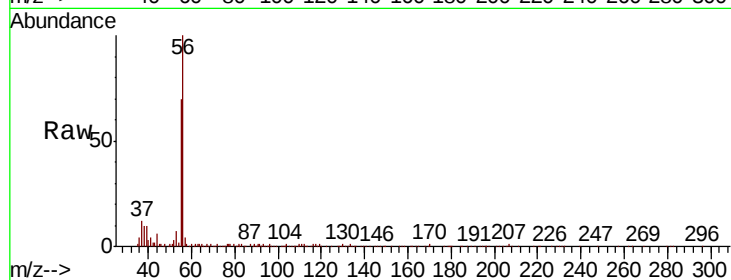
VSTDIC020

Tot Ion: 56 Resp: 59144

Ion Ratio Lower Upper

56 100

55 73.6 58.2 87.4



#14

Allyl chloride

Concen: 16.308 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

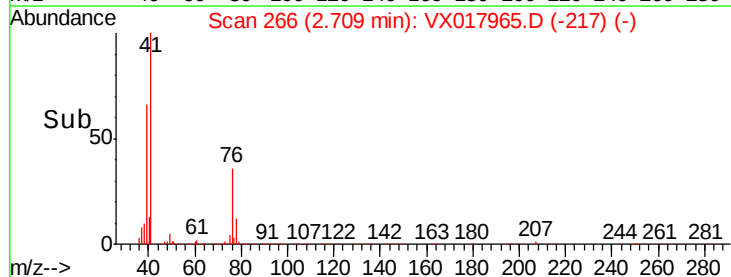
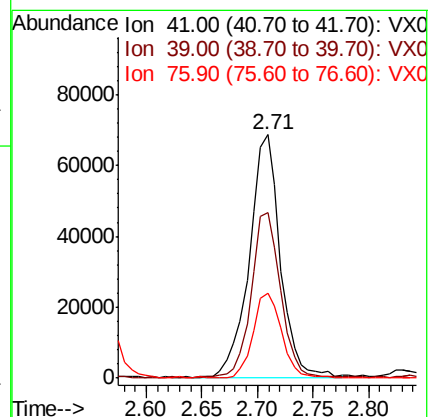
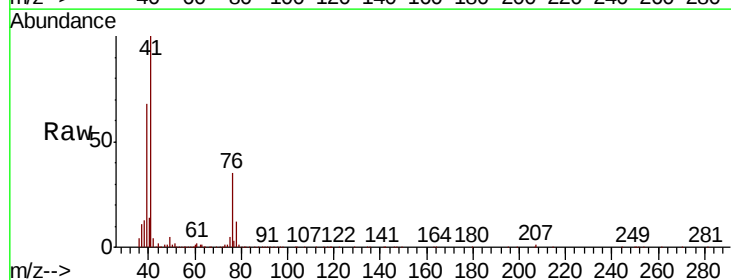
Tgt Ion: 41 Resp: 132312

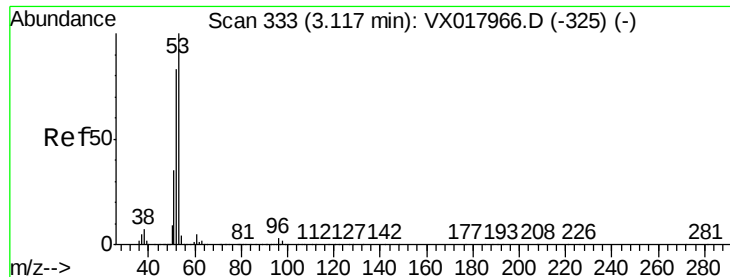
Ion Ratio Lower Upper

41 100

39 64.1 51.7 77.5

76 33.1 26.3 39.5

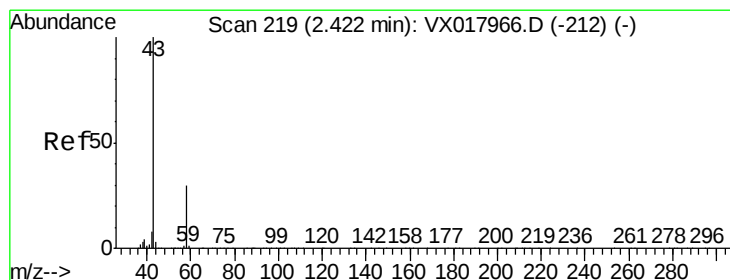
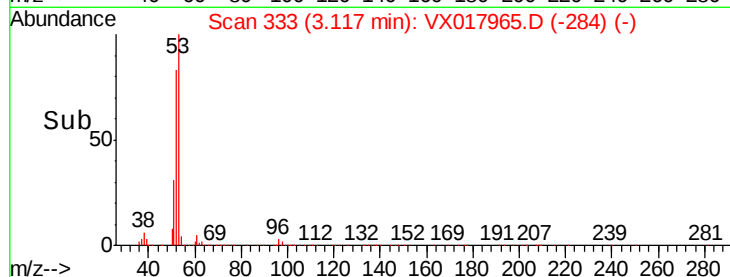
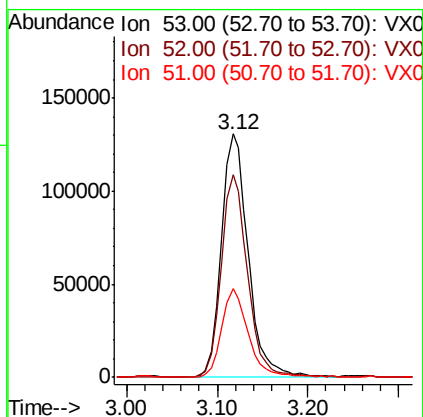
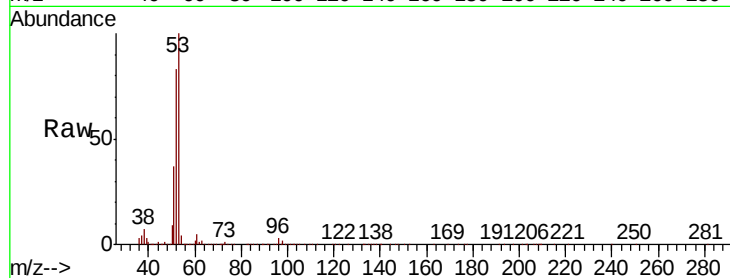




#15
 Acrylonitrile
 Concen: 103.452 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

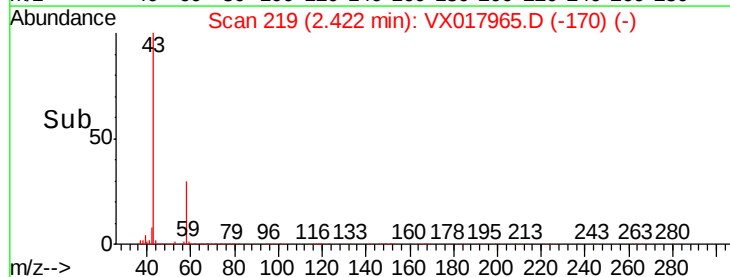
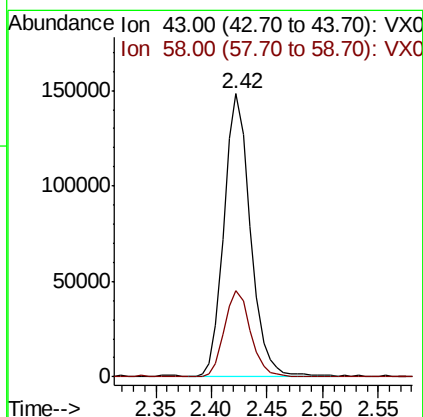
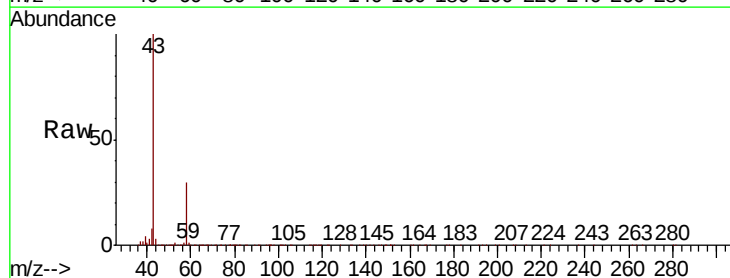
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

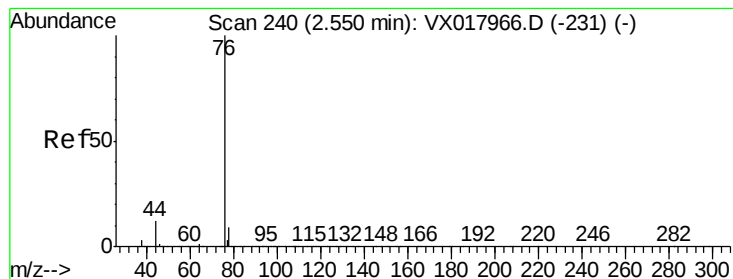
Tot Ion	53	Resp	268284
Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.1	100.7
51	35.8	29.2	43.8



#16
 Acetone
 Concen: 96.057 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion	43	Resp	242994
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.8





#17

Carbon Disulfide

Concen: 13.710 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

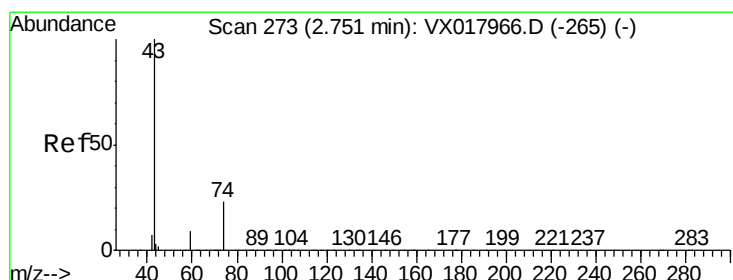
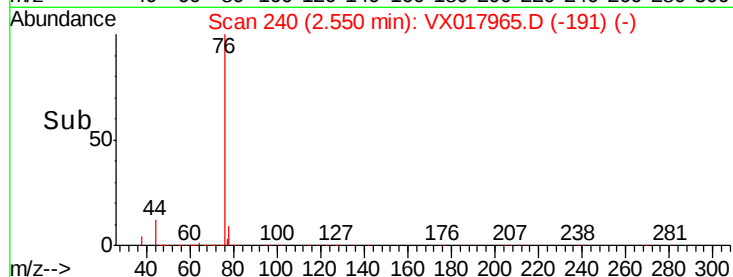
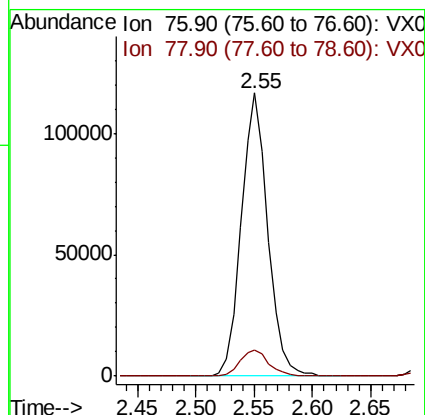
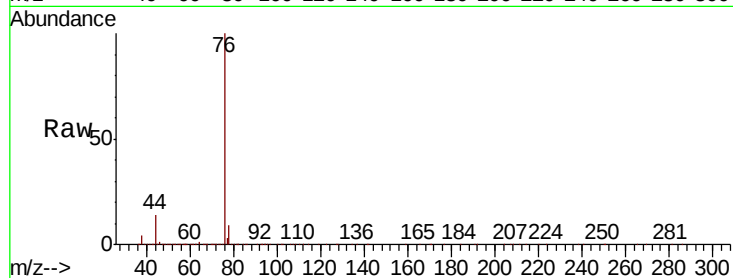
VSTDIC020

Tot Ion: 76 Resp: 184361

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 21.547 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017965.D

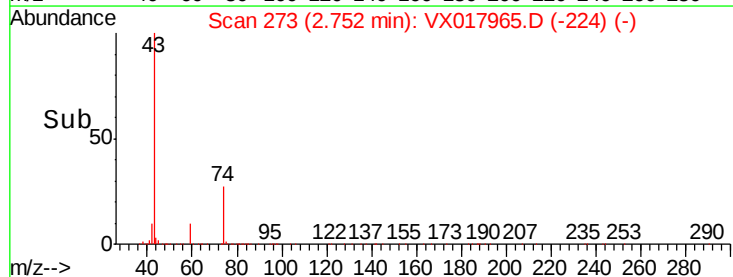
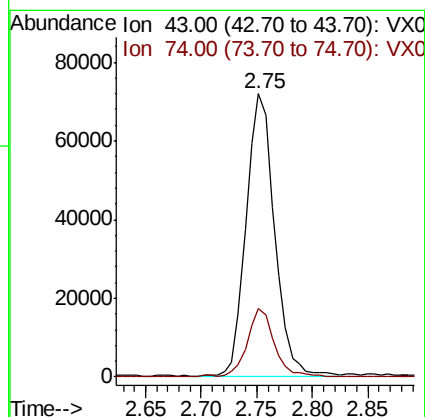
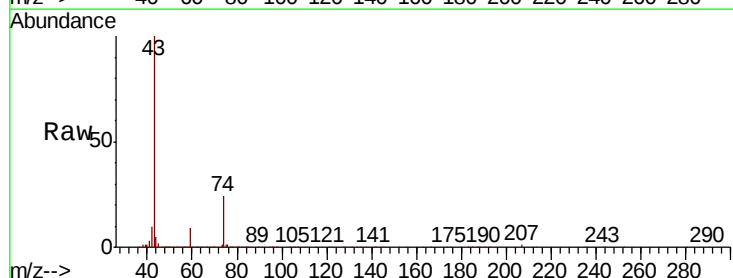
Acq: 18 Aug 2020 18:35

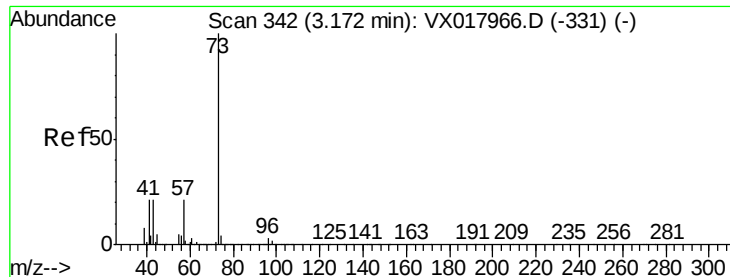
Tgt Ion: 43 Resp: 128026

Ion Ratio Lower Upper

43 100

74 23.4 19.7 29.5



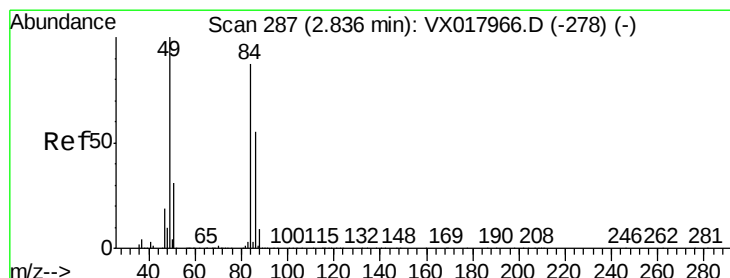
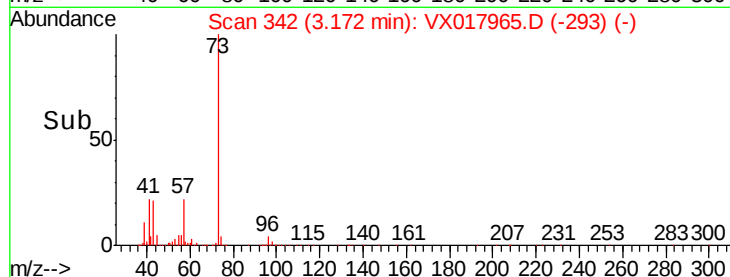
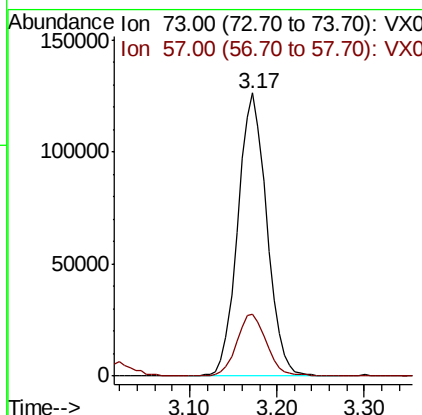
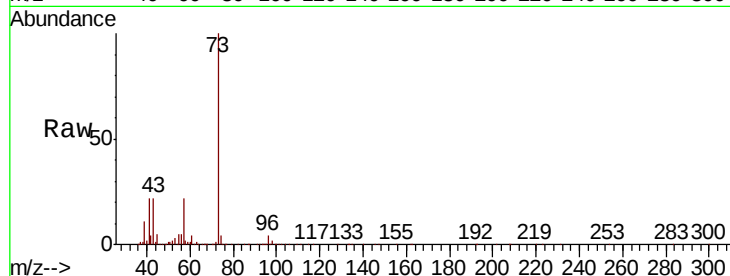


#19

Methyl tert-butyl Ether
 Concen: 18.388 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

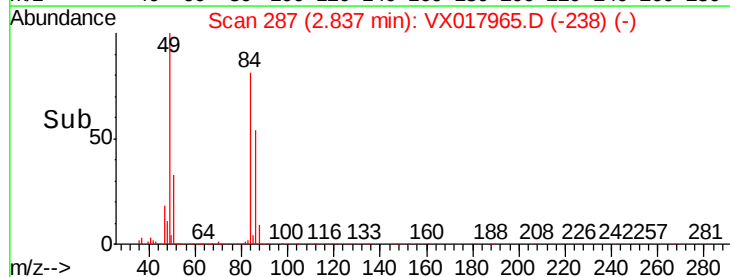
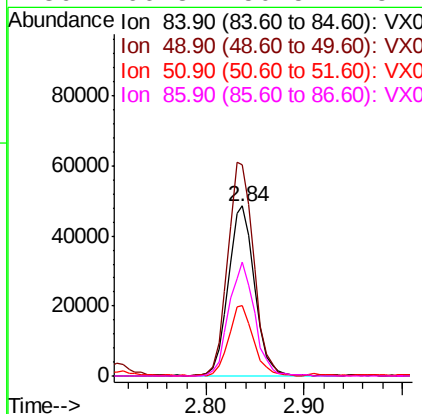
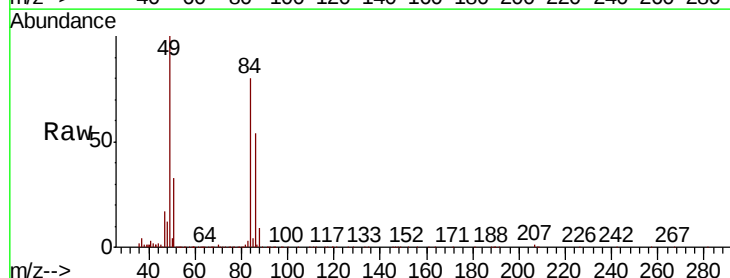
Tot Ion: 73 Resp: 290142
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.9 25.3

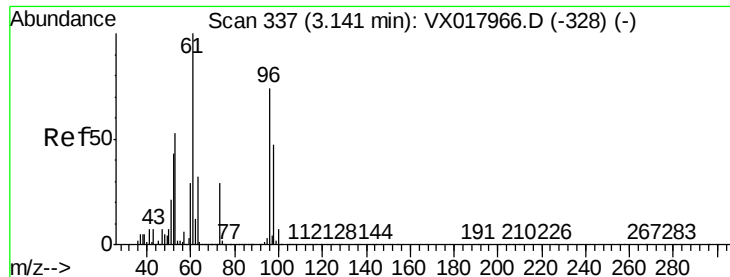


#20

Methylene Chloride
 Concen: 16.693 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 84 Resp: 90402
 Ion Ratio Lower Upper
 84 100
 49 124.0 91.8 137.6
 51 41.3 27.8 41.8
 86 66.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 16.487 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

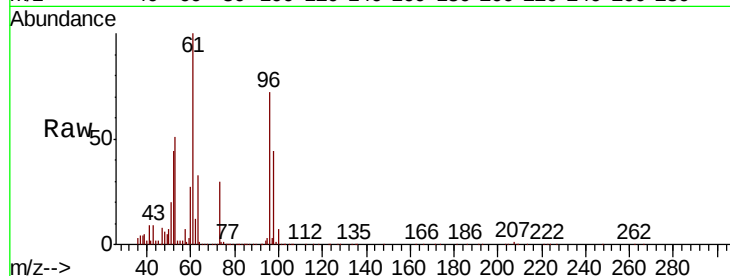
Tot Ion: 96 Resp: 79022

Ion Ratio Lower Upper

96 100

61 138.6 108.6 163.0

98 61.5 51.4 77.0

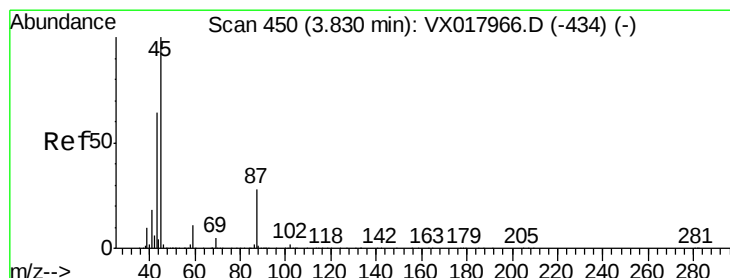
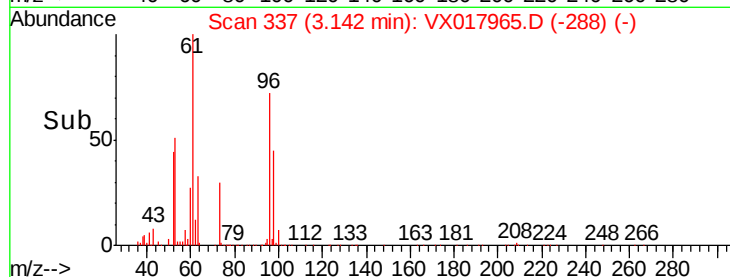
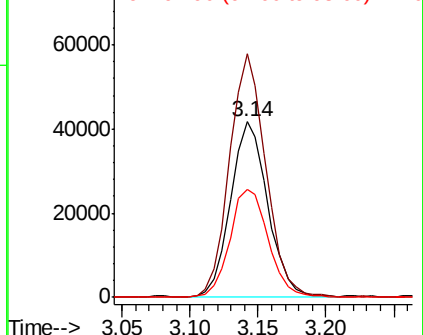


Abundance

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: 19.218 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Tgt Ion: 45 Resp: 296198

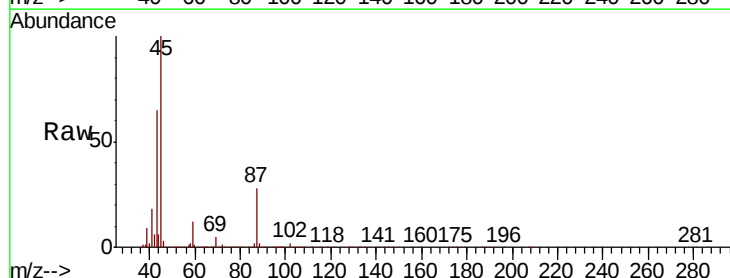
Ion Ratio Lower Upper

45 100

43 64.9 51.5 77.3

87 27.5 22.6 33.8

59 12.3 9.0 13.4



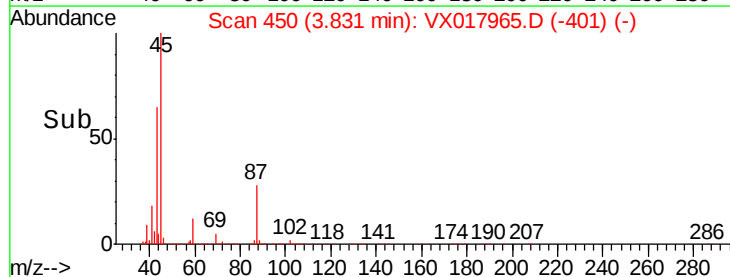
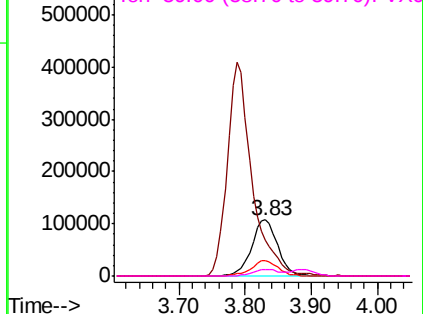
Abundance

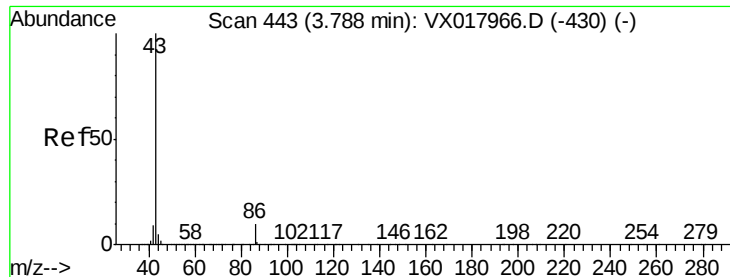
Ion 45.00 (44.70 to 45.70): VX0

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: 79.938 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

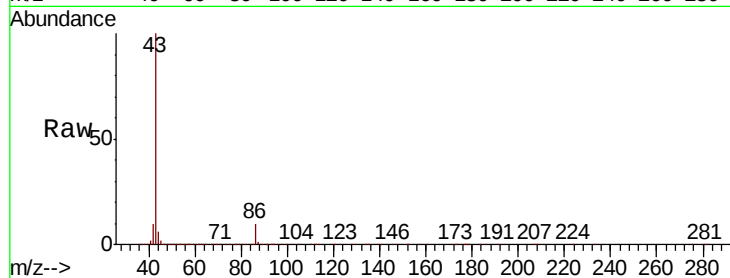
VSTDIC020

Tot Ion: 43 Resp: 1060591

Ion Ratio Lower Upper

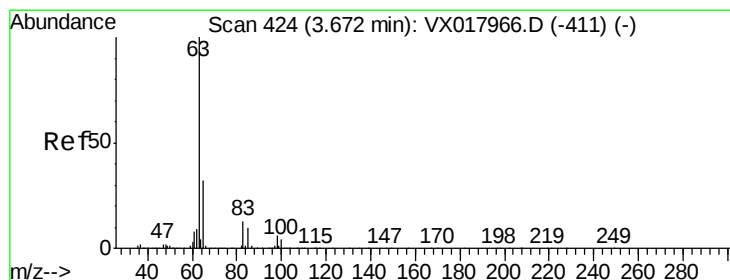
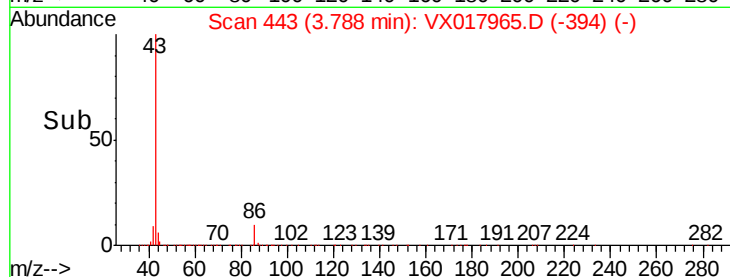
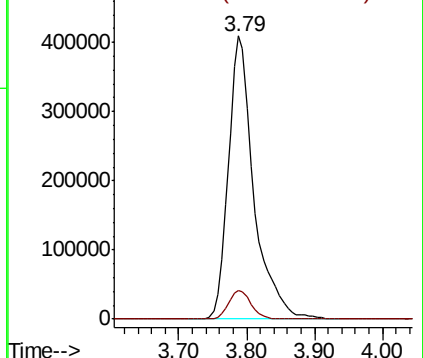
43 100

86 10.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.973 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

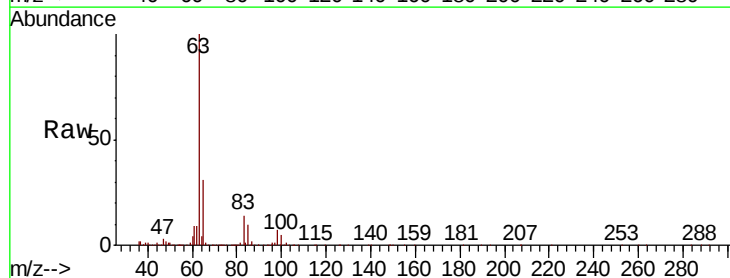
Tgt Ion: 63 Resp: 158597

Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

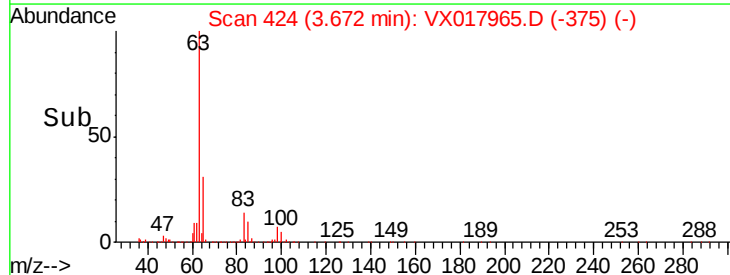
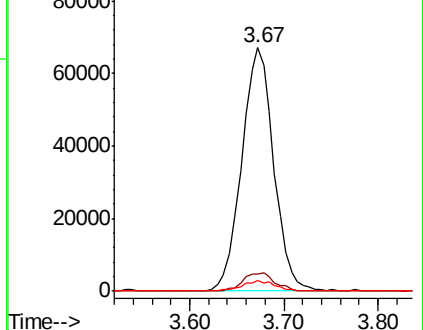
100 4.6 2.0 5.8

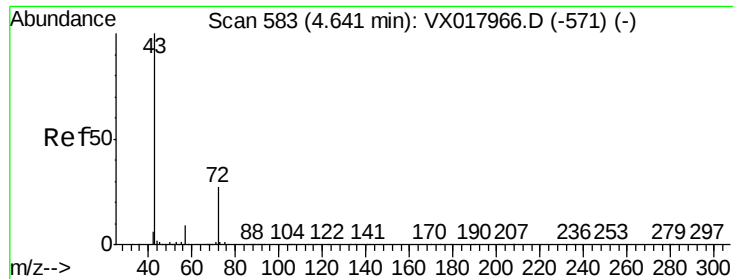


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.551 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

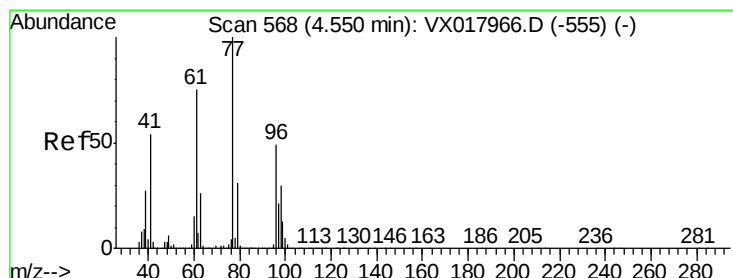
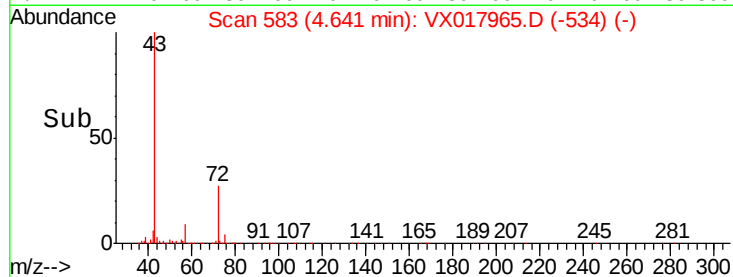
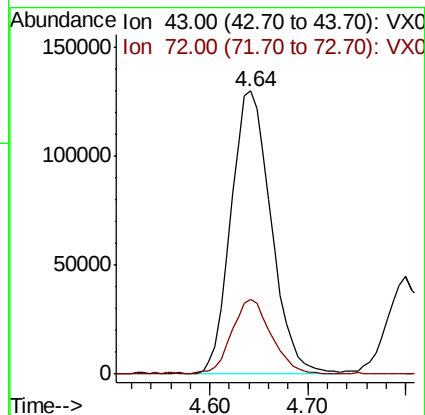
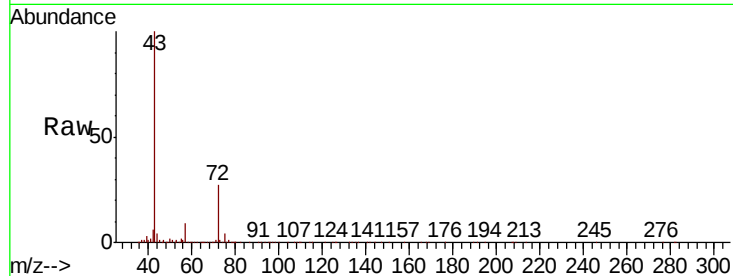
VSTDIC020

Tot Ion: 43 Resp: 367733

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.024 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017965.D

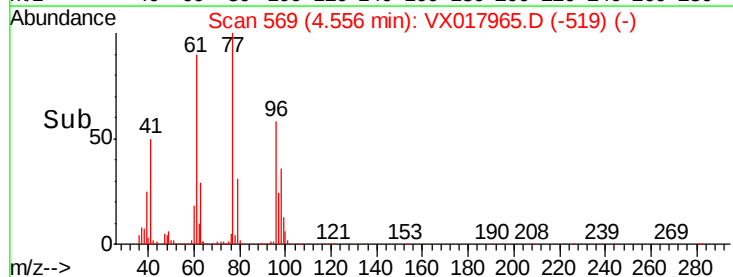
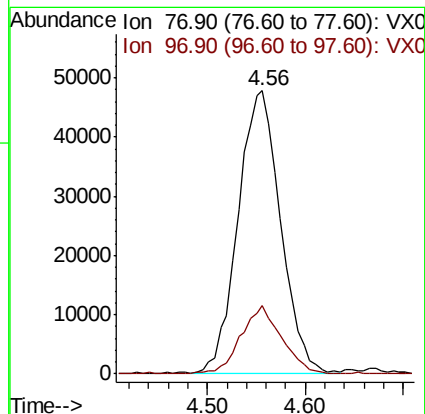
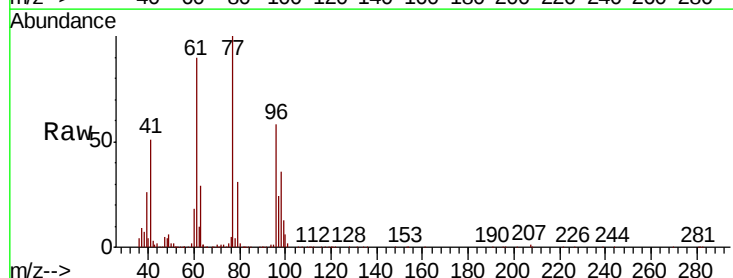
Acq: 18 Aug 2020 18:35

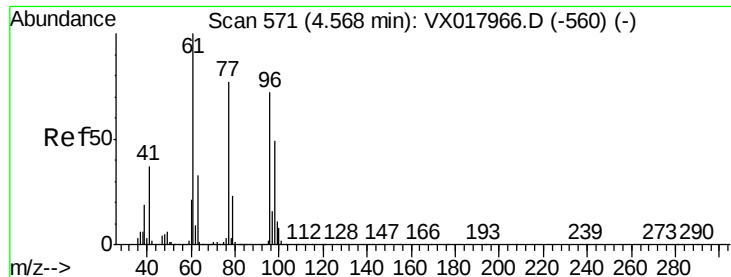
Tgt Ion: 77 Resp: 143089

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9



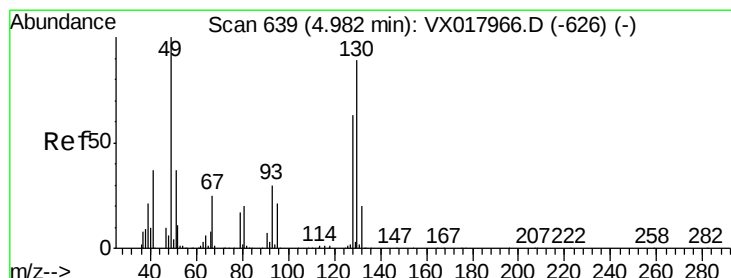
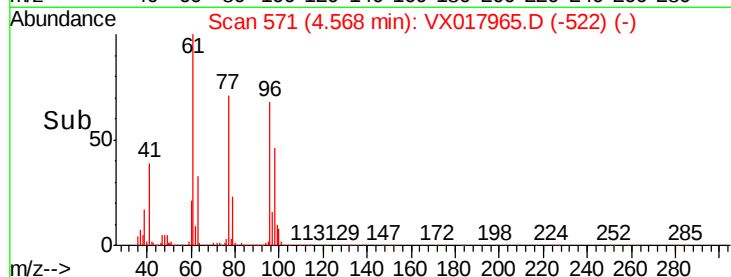
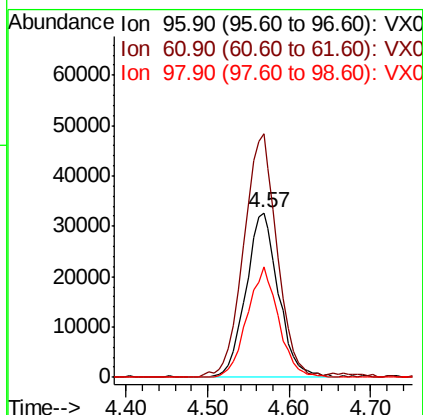
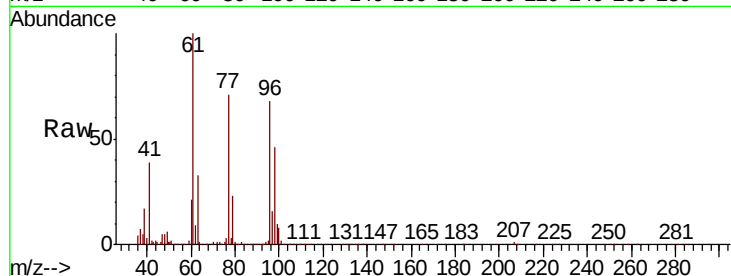


#27

cis-1,2-Dichloroethene
Concen: 16.988 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

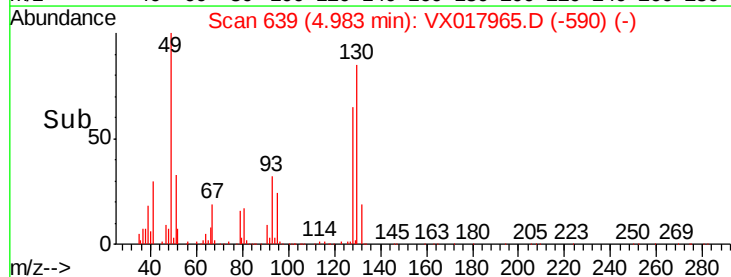
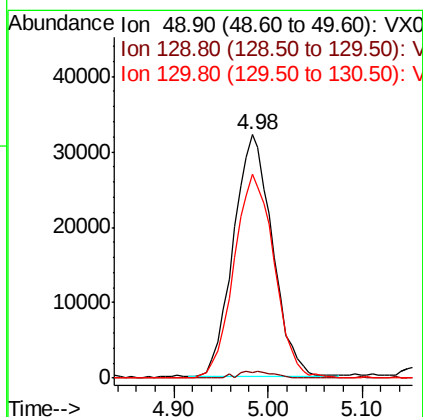
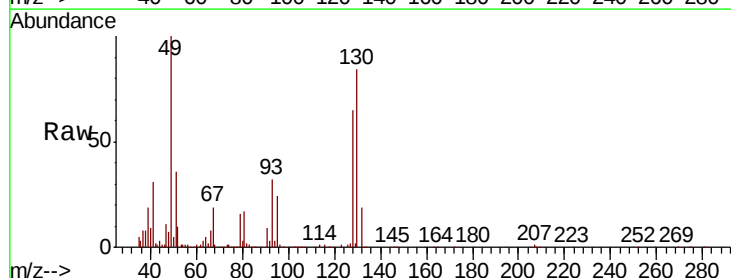
Tot Ion	96	Resp	90379
Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	298.8
98	65.2	0.0	130.2

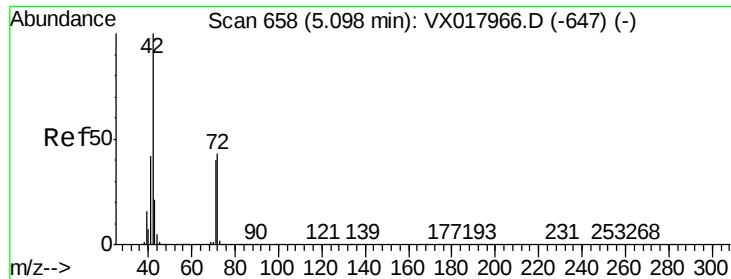


#28

Bromochloromethane
Concen: 22.881 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion	49	Resp	92934
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.6
130	87.2	68.5	102.7

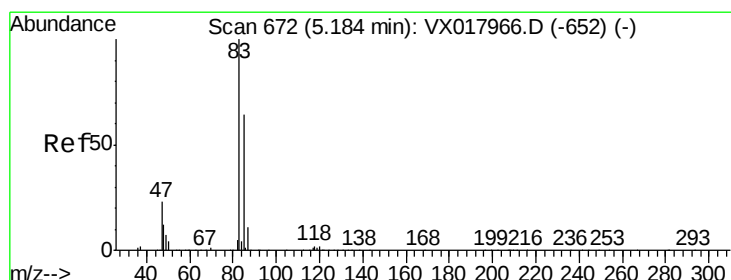
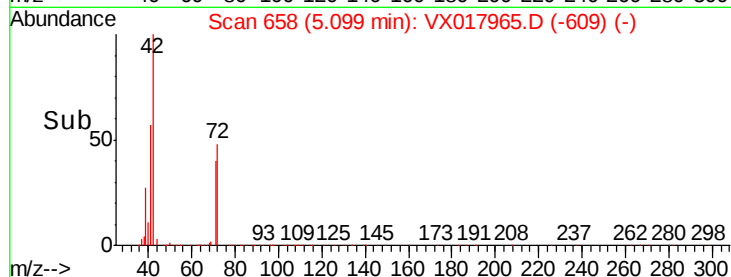
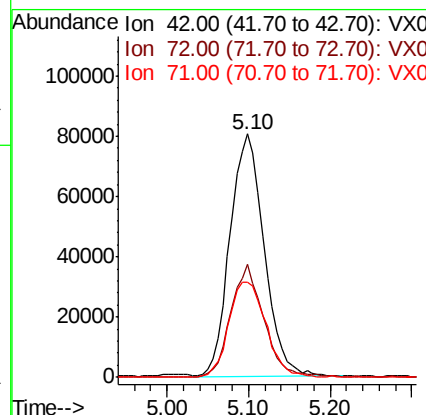
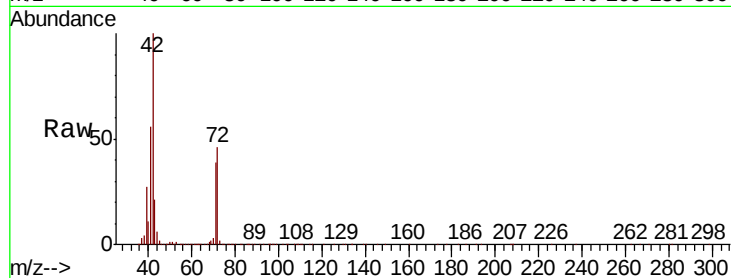




#29
Tetrahydrofuran
Concen: 103.848 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

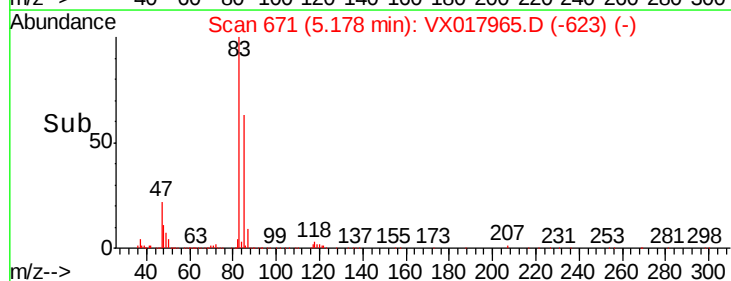
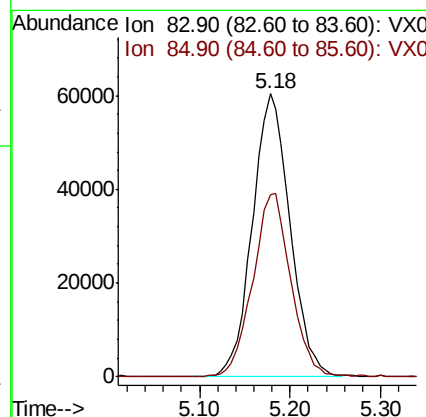
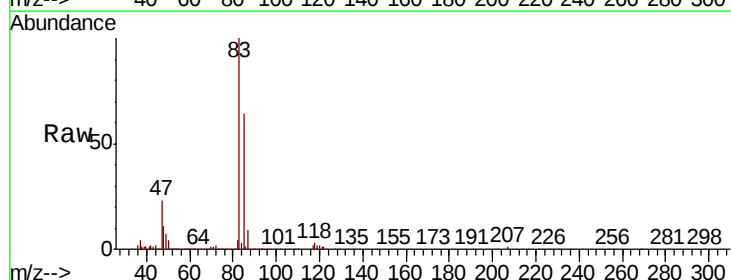
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

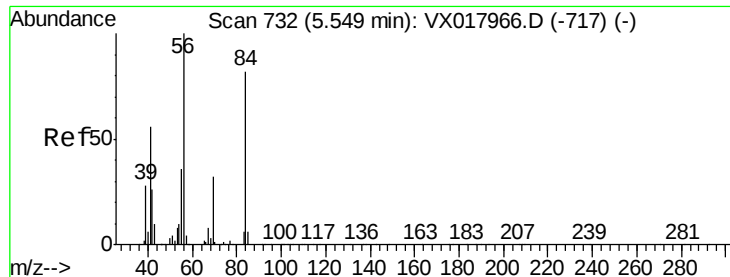
Tot Ion: 42 Resp: 233970
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 42.8 33.0 49.4



#30
Chloroform
Concen: 19.081 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion: 83 Resp: 173491
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

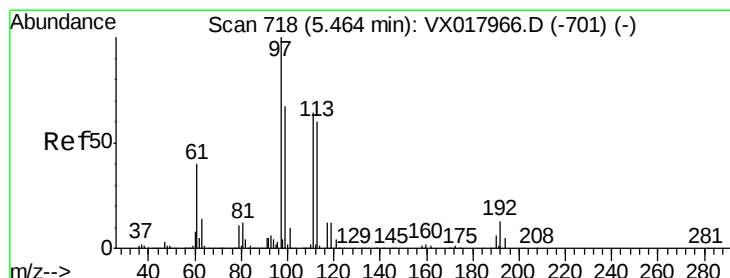
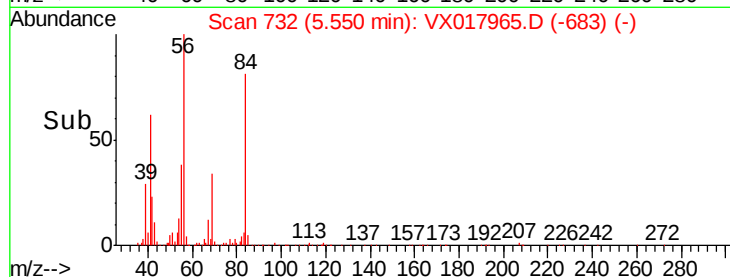
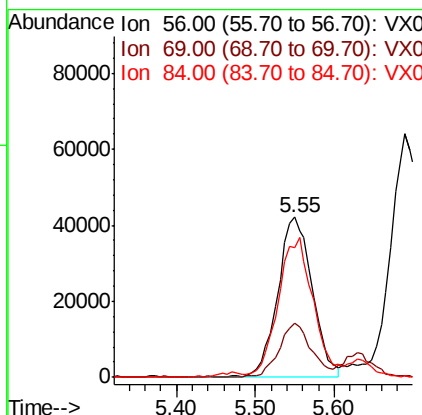
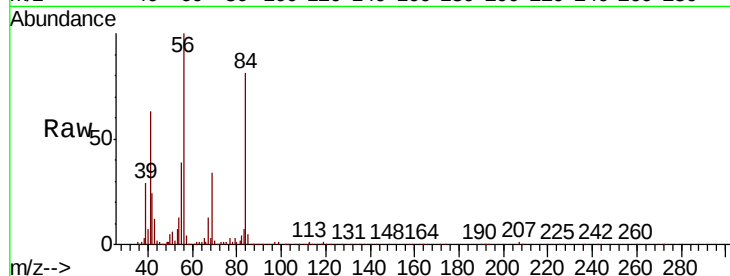




#31
Cyclohexane
Concen: 17.830 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

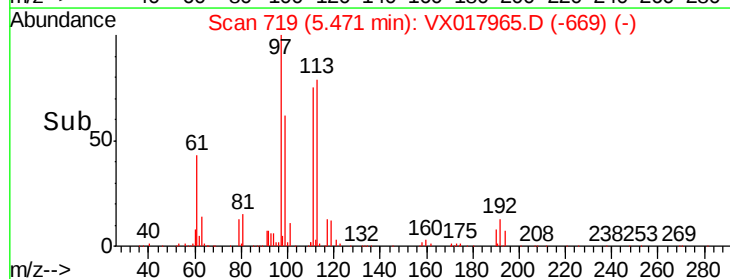
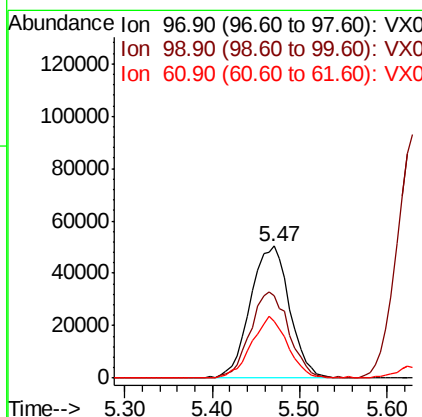
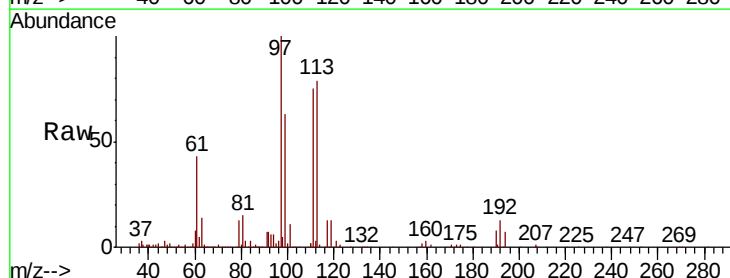
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

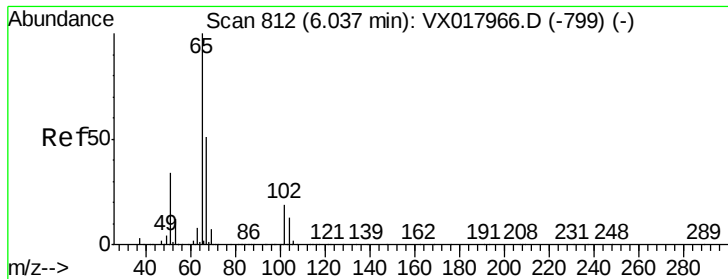
Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.1	25.3	37.9	
84	80.9	65.3	97.9	



#32
1,1,1-Trichloroethane
Concen: 18.492 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	51.4	77.0	
61	43.1	33.7	50.5	





#33

1,2-Dichloroethane-d4

Concen: 24.221 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

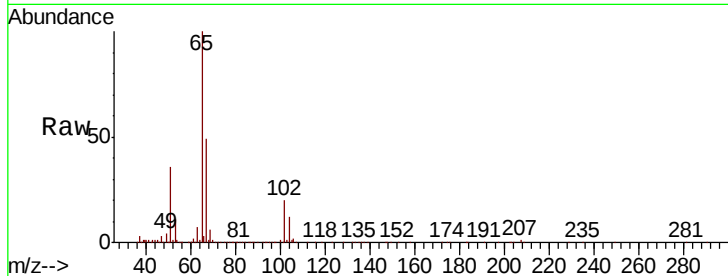
VSTDIC020

Tot Ion: 65 Resp: 139840

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

50000

40000

30000

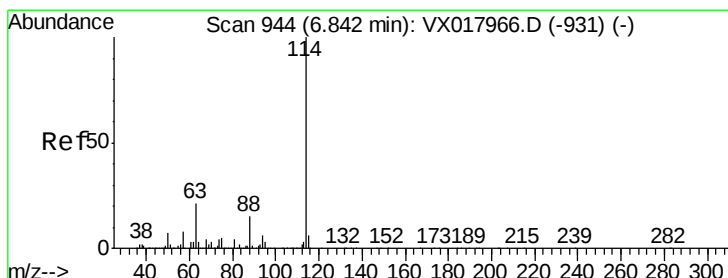
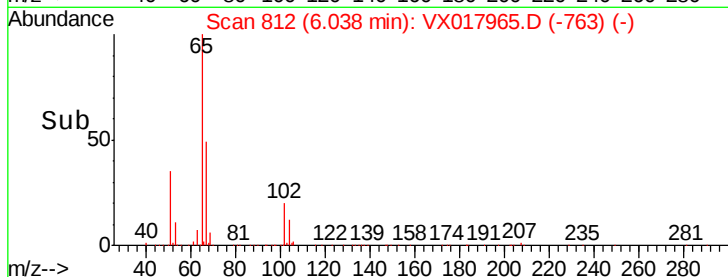
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

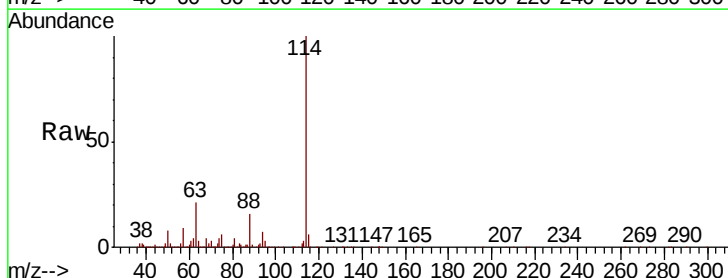
Tgt Ion: 114 Resp: 680643

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

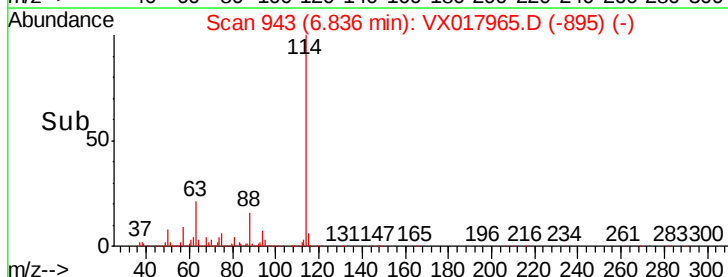
200000

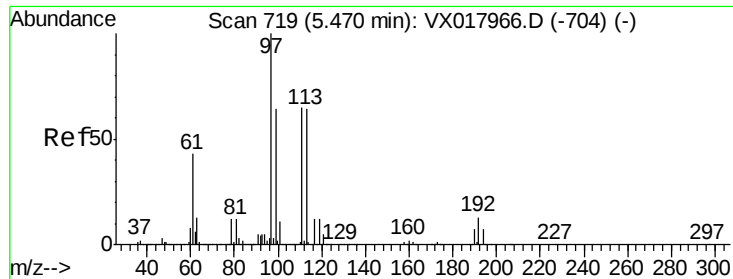
100000

0

Time-->

6.70 6.80 6.90

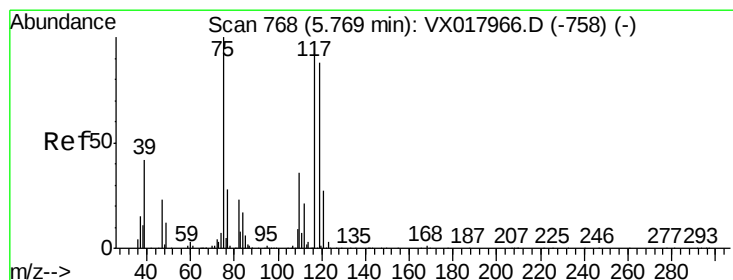
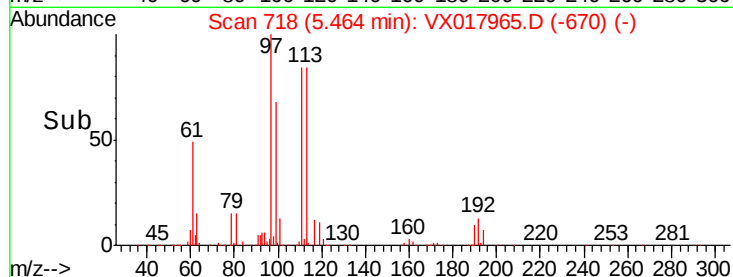
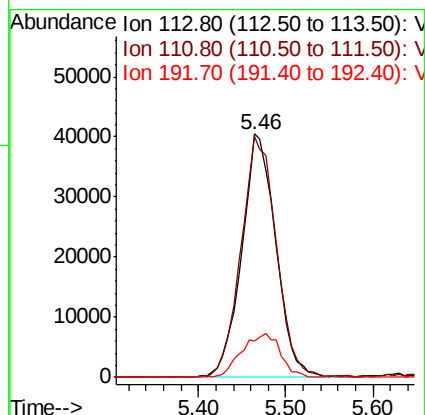
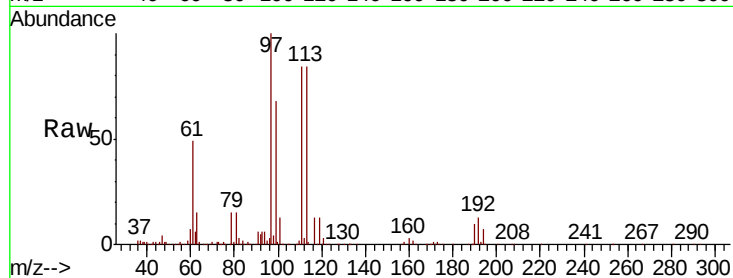




#35
 Dibromofluoromethane
 Concen: 23.963 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

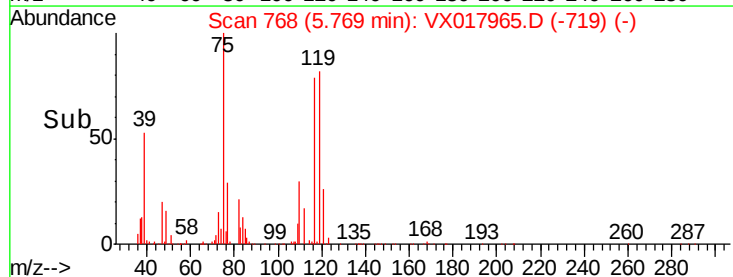
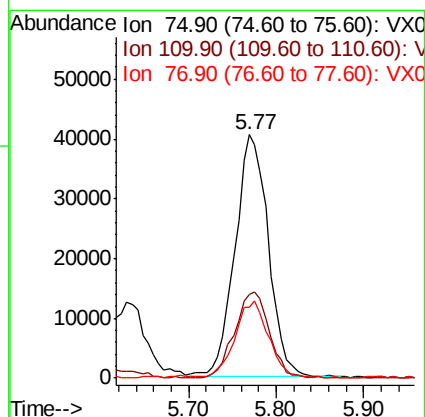
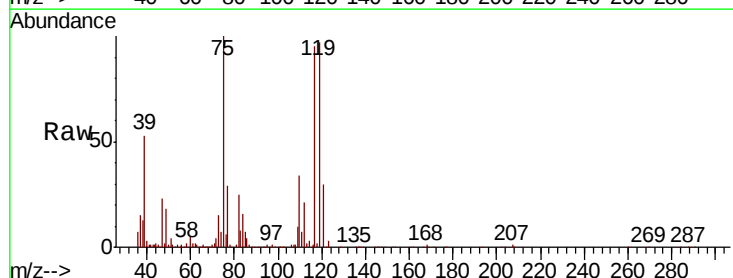
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

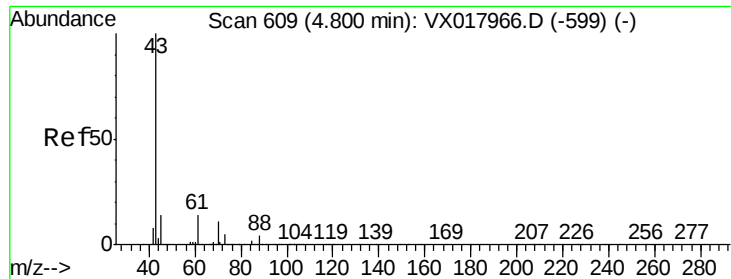
Tot Ion:113 Resp: 109672
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 20.5 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 16.529 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 75 Resp: 107168
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.7 56.1
 77 32.1 24.4 36.6

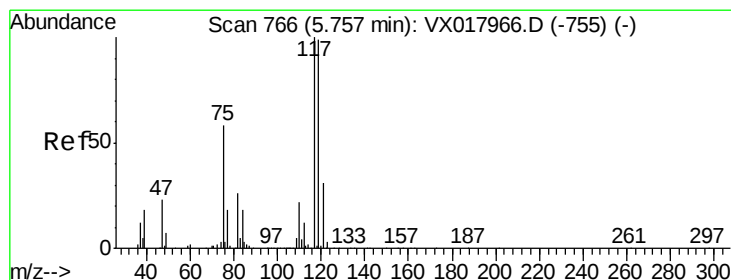
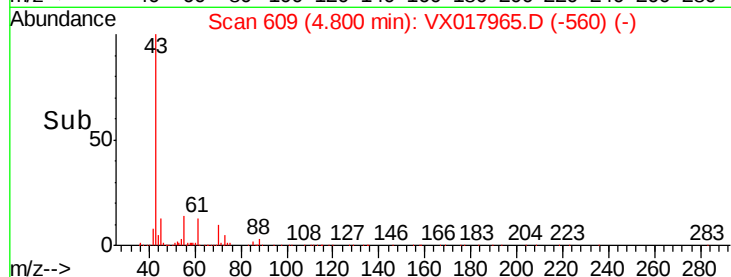
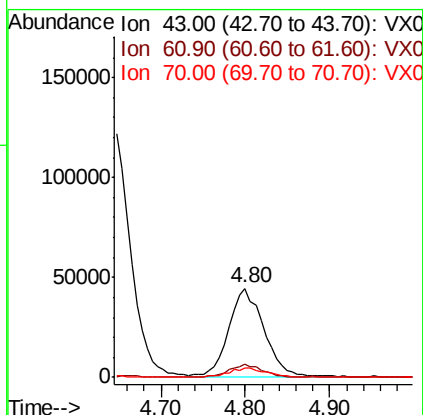
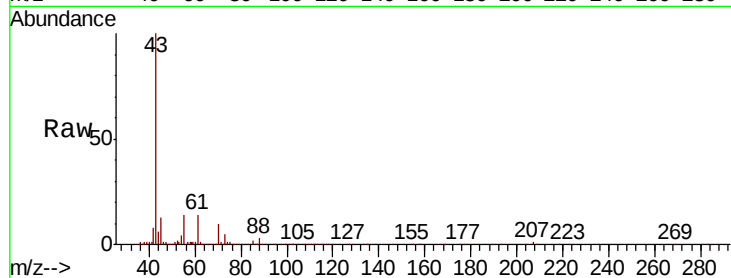




#37
Ethyl Acetate
Concen: 17.988 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

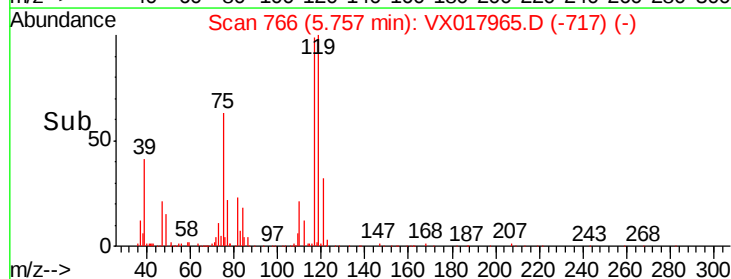
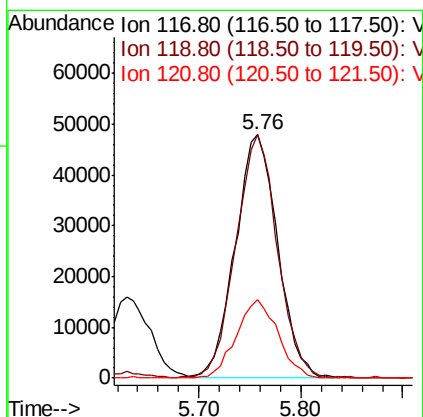
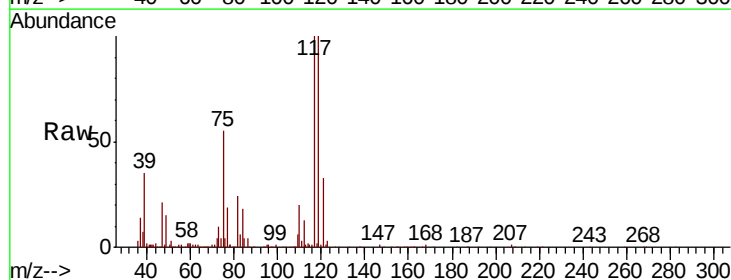
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

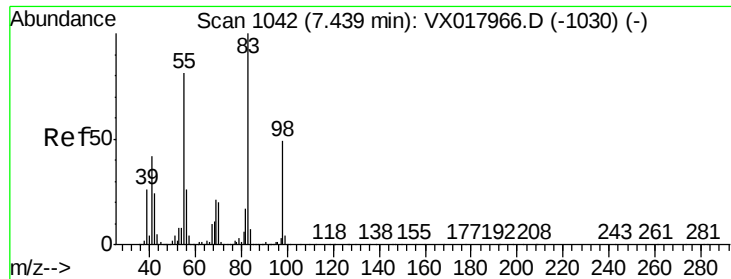
Tot Ion:	43	Resp:	125498
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	11.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 17.362 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion:	117	Resp:	138126
Ion	Ratio	Lower	Upper
117	100		
119	99.6	79.0	118.6
121	32.6	24.7	37.1

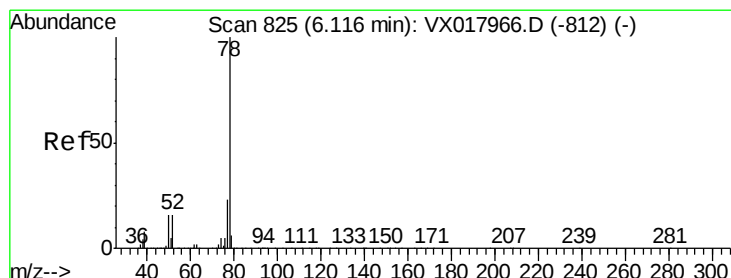
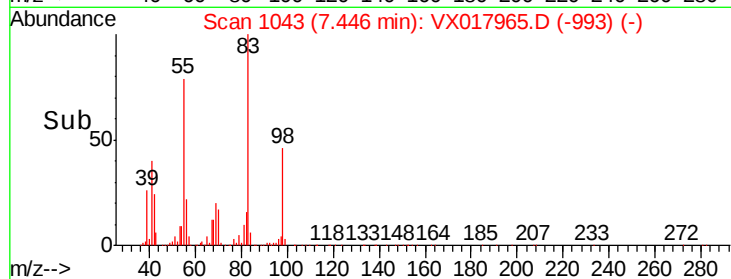
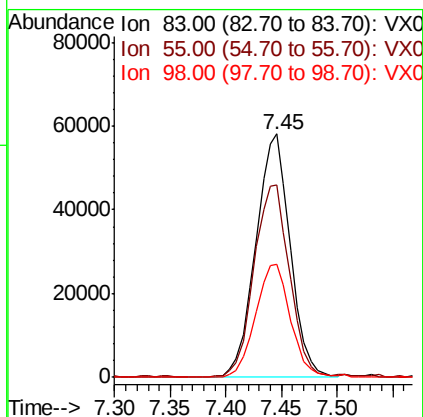
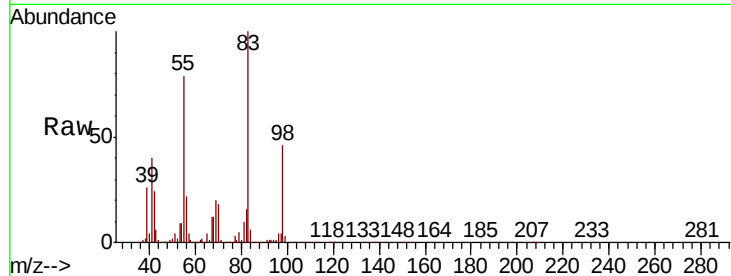




#39
Methylvlcvclohexane
Concen: 16.326 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

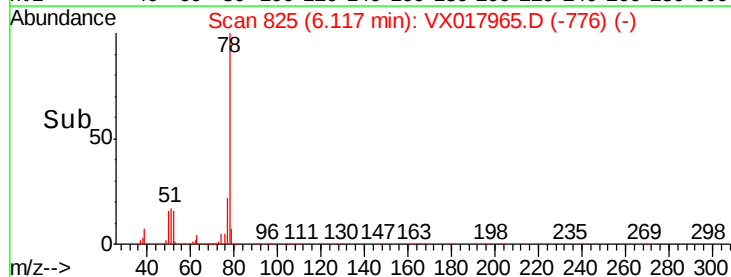
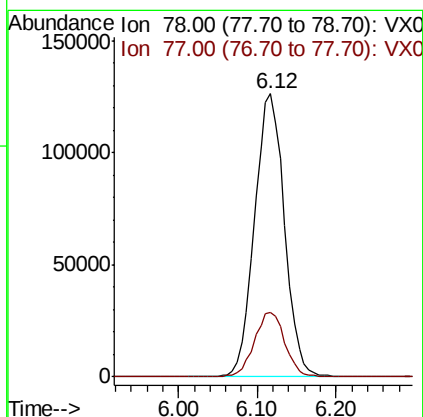
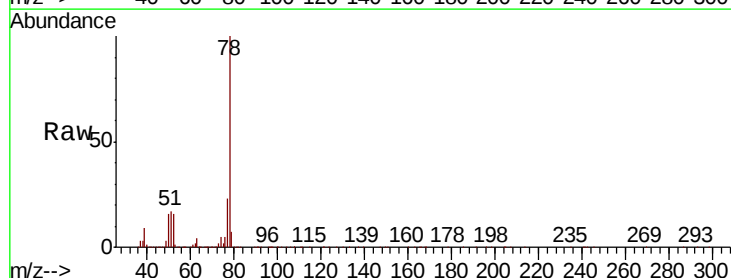
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

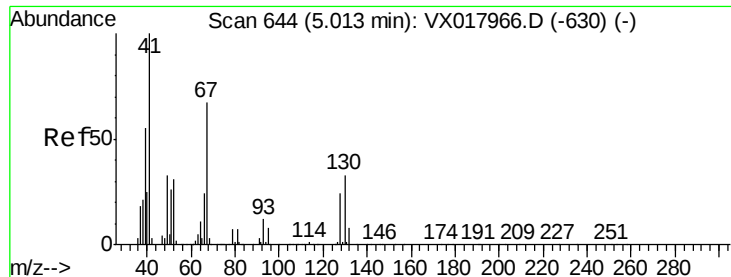
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.5	96.7
98	46.1	39.0	58.6



#40
Benzene
Concen: 17.925 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2

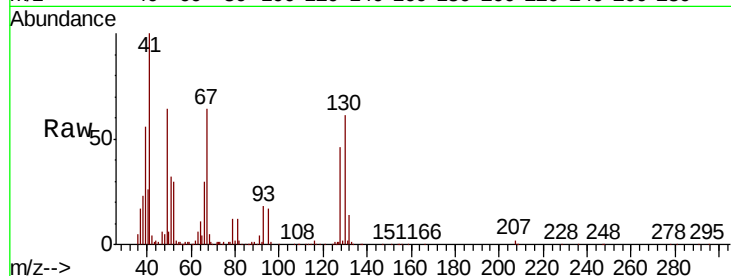




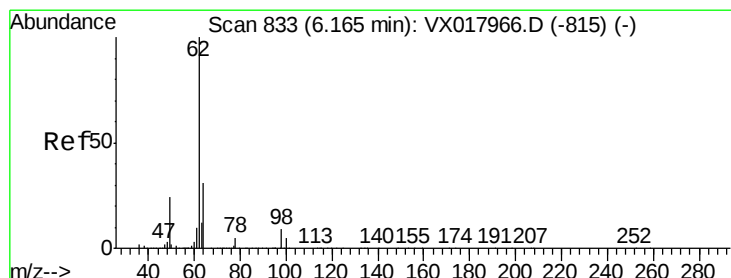
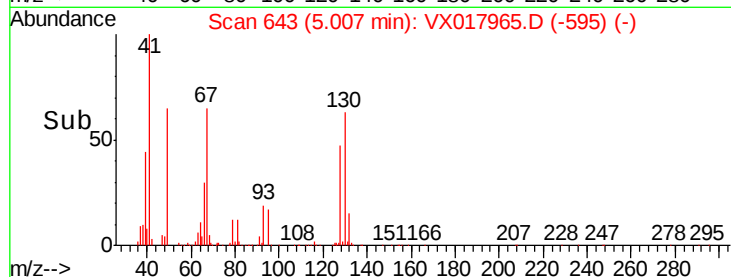
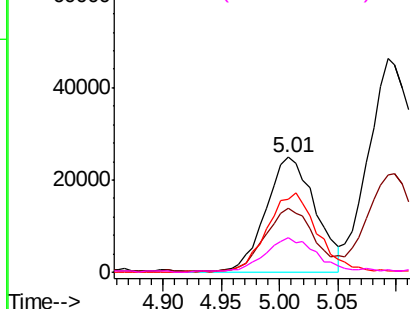
#41
Methacrylonitrile
Concen: 18.051 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	73591
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.8	67.2
67	68.9	57.5	86.3
52	30.6	25.6	38.4

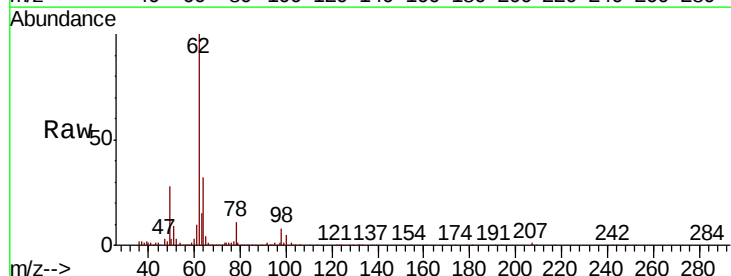


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

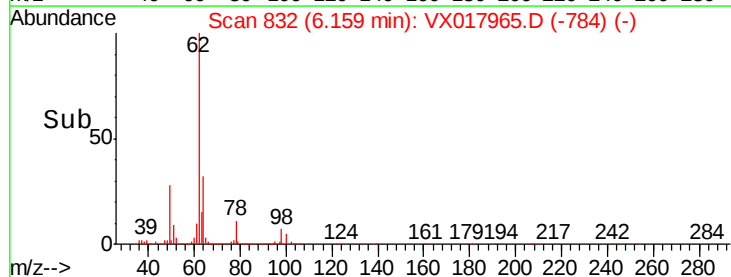
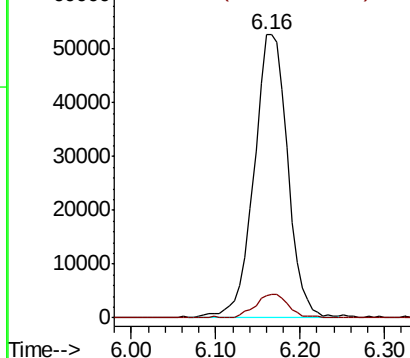


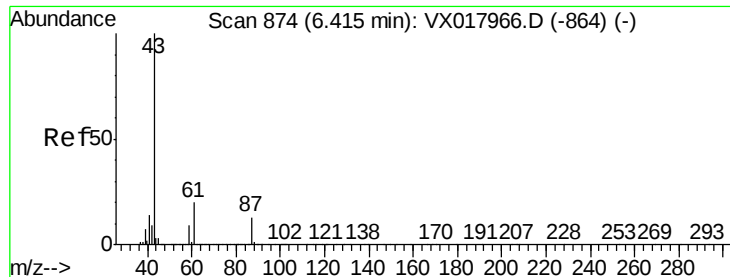
#42
1,2-Dichloroethane
Concen: 18.757 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion:	62	Resp:	142651
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 18.115 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

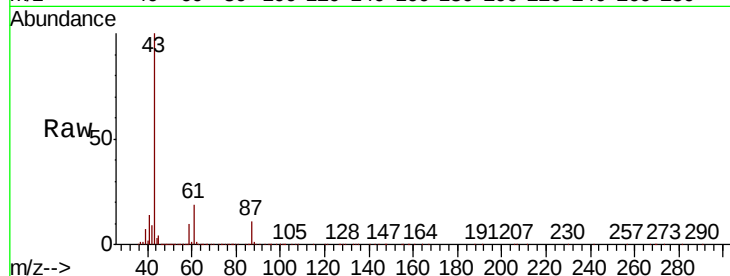
Tot Ion: 43 Resp: 206795

Ion Ratio Lower Upper

43 100

61 19.6 16.2 24.4

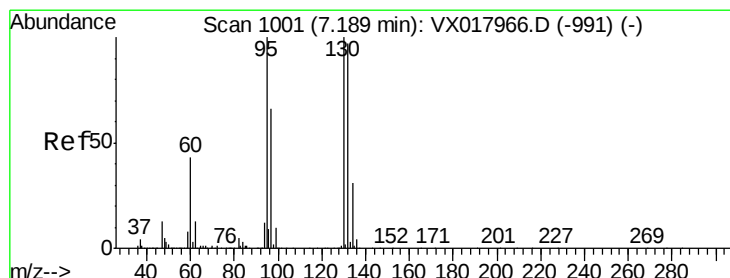
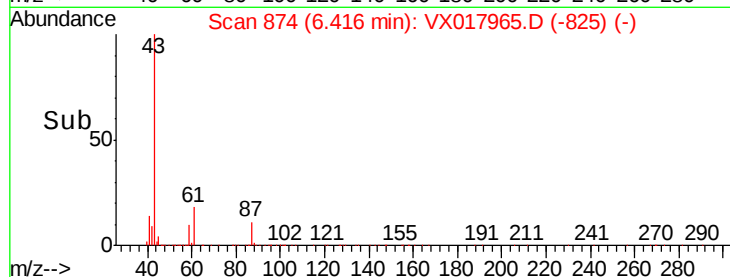
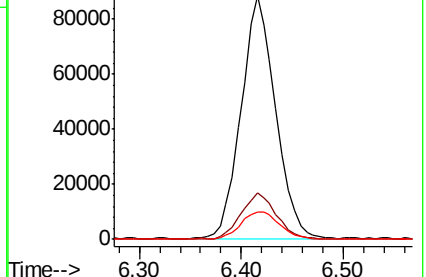
87 13.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX017966.D (-864) (-)

Ion 61.00 (60.70 to 61.70): VX017966.D (-864) (-)

Ion 87.00 (86.70 to 87.70): VX017966.D (-864) (-)



#44

Trichloroethene

Concen: 17.151 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017965.D

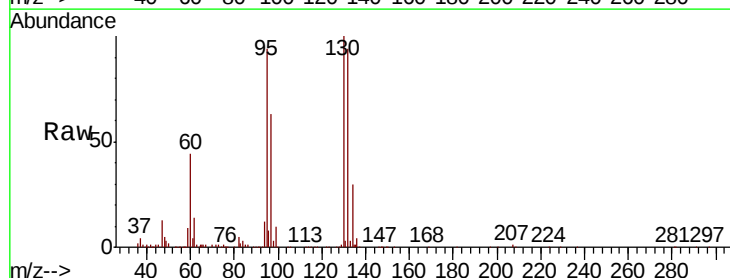
Acq: 18 Aug 2020 18:35

Tgt Ion:130 Resp: 93555

Ion Ratio Lower Upper

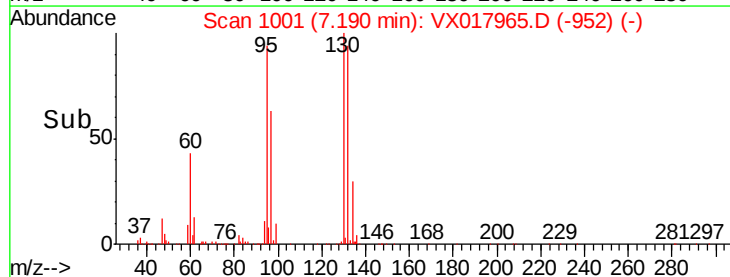
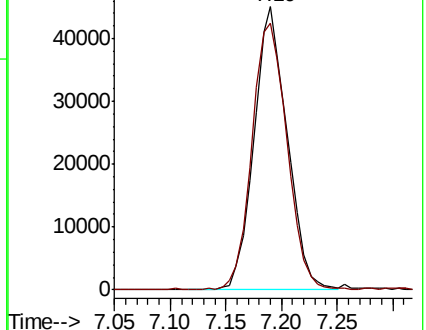
130 100

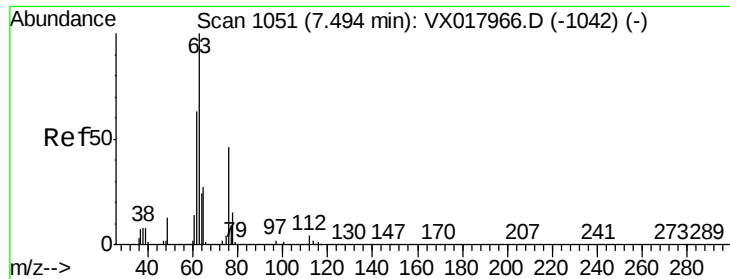
95 94.0 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VX017966.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017966.D (-991) (-)

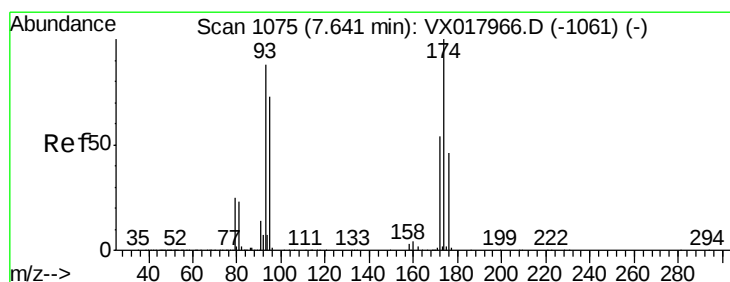
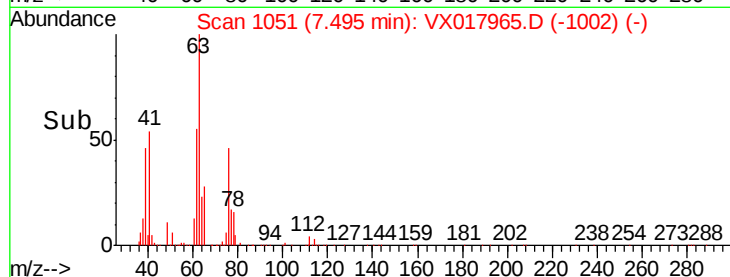
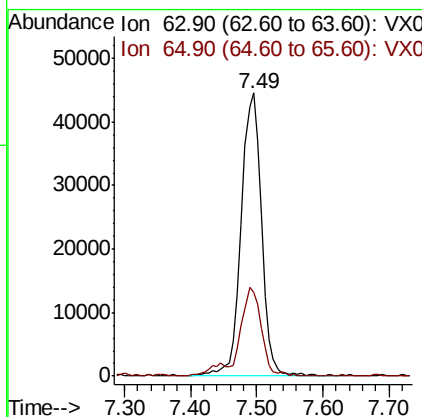
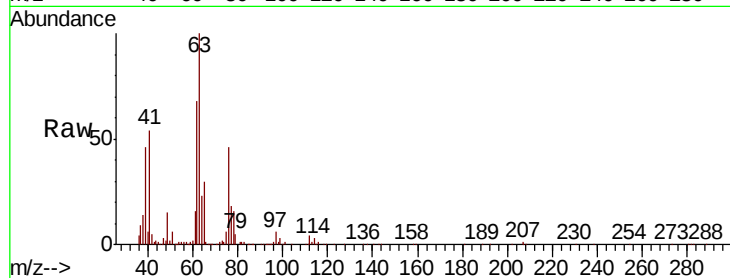




#45
 1,2-Dichloropropane
 Concen: 18.365 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

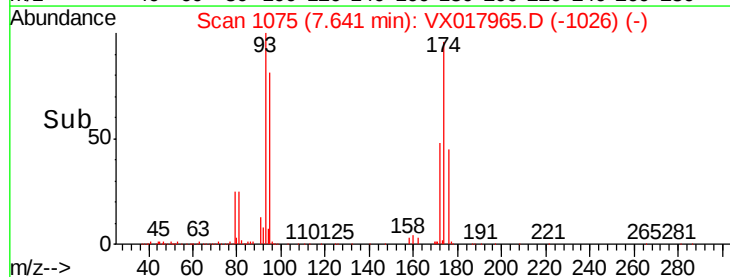
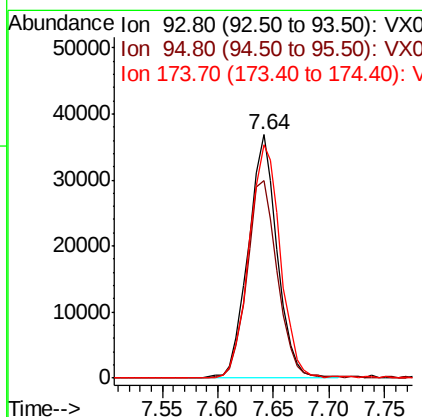
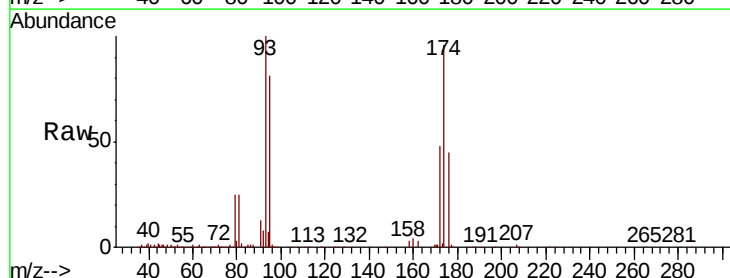
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

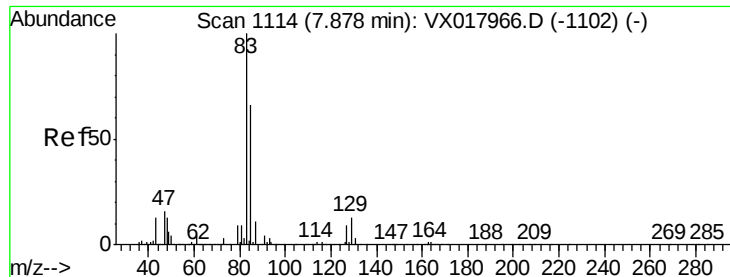
Tot Ion: 63 Resp: 95694
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.8 35.8



#46
 Dibromomethane
 Concen: 17.989 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 93 Resp: 66105
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.8 100.2
 174 104.7 88.3 132.5





#47

Bromodichloromethane

Concen: 18.212 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

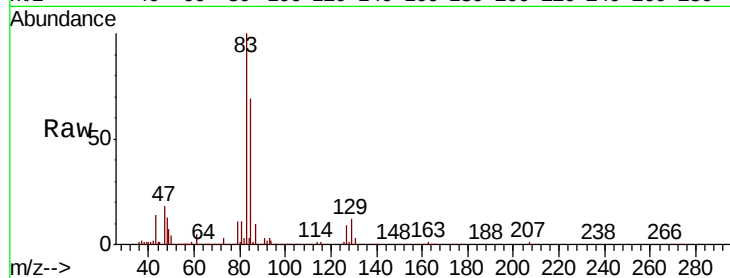
Tot Ion: 83 Resp: 137271

Ion Ratio Lower Upper

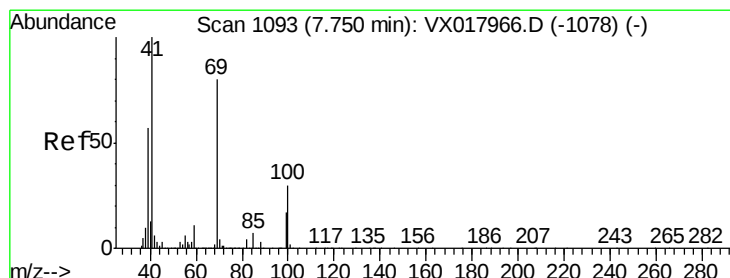
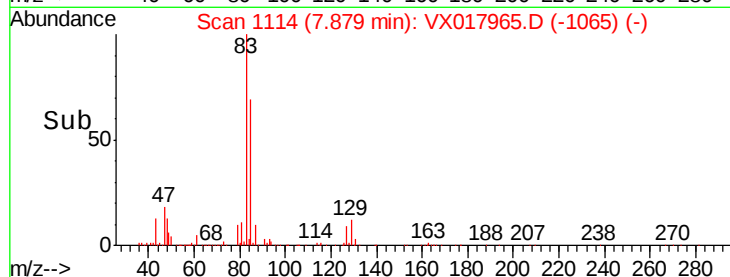
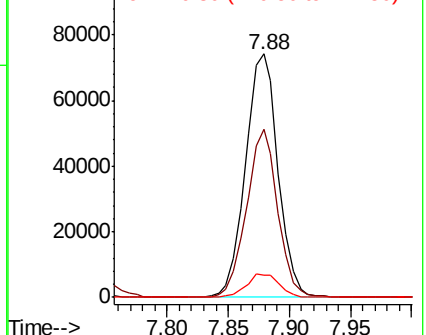
83 100

85 68.8 52.4 78.6

127 9.0 7.0 10.6



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: 17.357 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

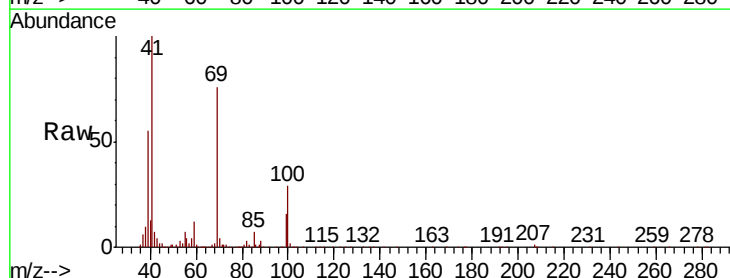
Tgt Ion: 41 Resp: 101912

Ion Ratio Lower Upper

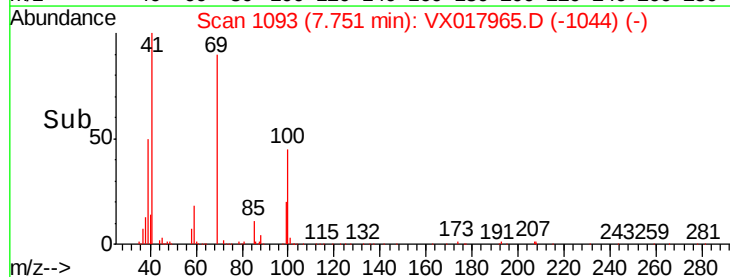
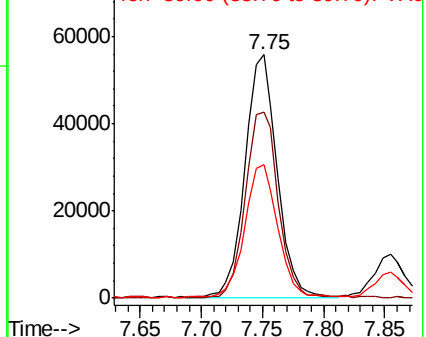
41 100

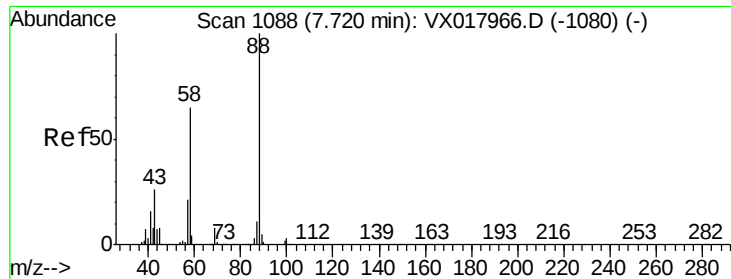
69 77.9 64.3 96.5

39 56.1 45.3 67.9



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

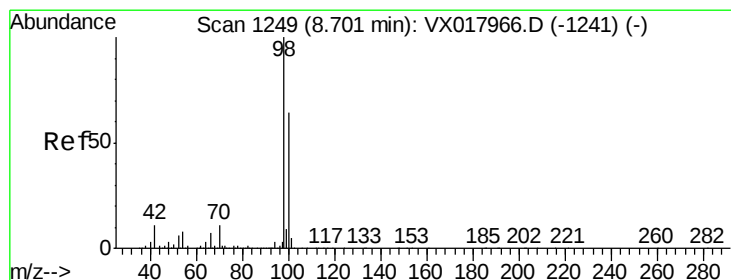
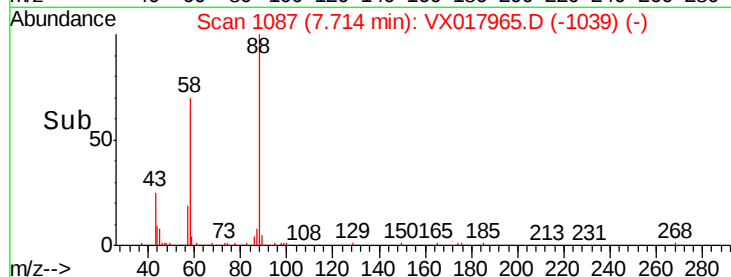
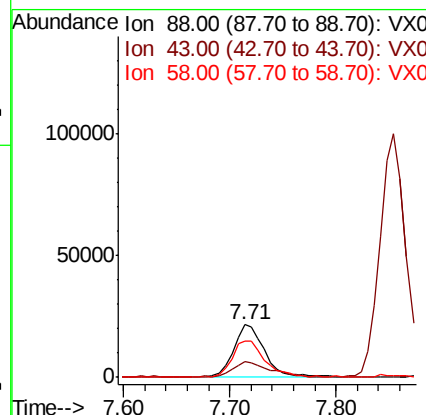
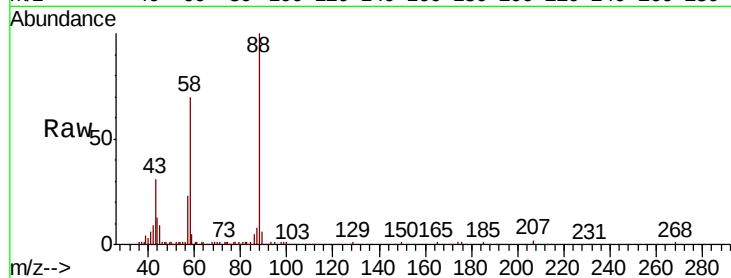




#49
 1,4-Dioxane
 Concen: 383.012 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

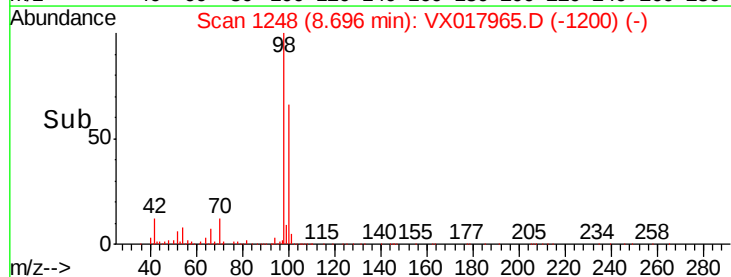
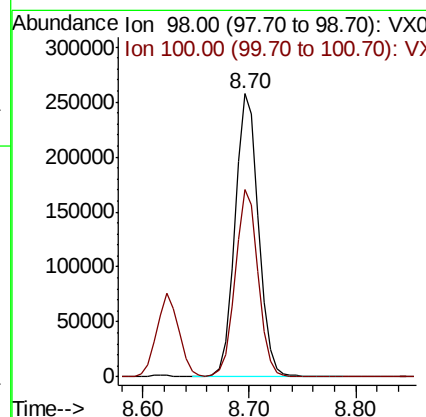
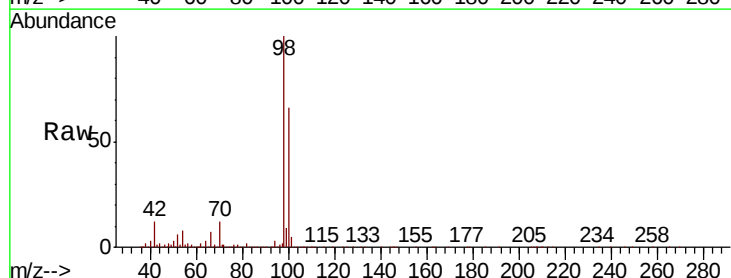
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

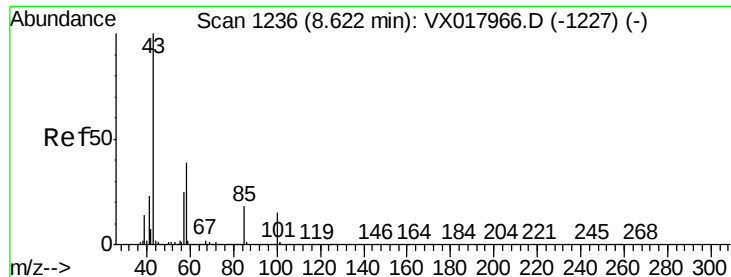
Tot Ion	88	Resp	43261
Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.3	40.9
58	75.5	57.7	86.5



#50
 Toluene-d8
 Concen: 24.083 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion	98	Resp	397053
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2

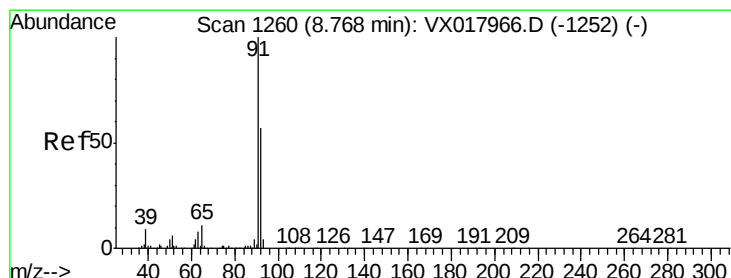
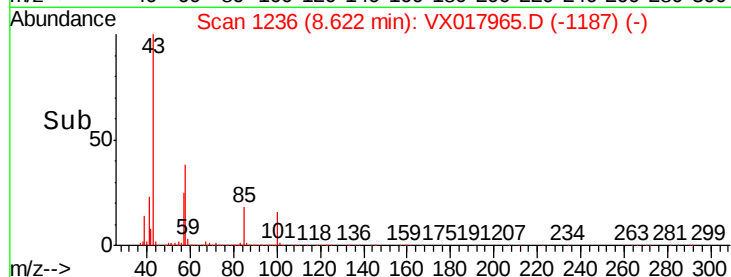
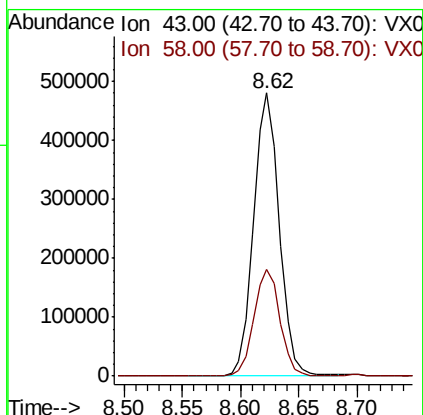
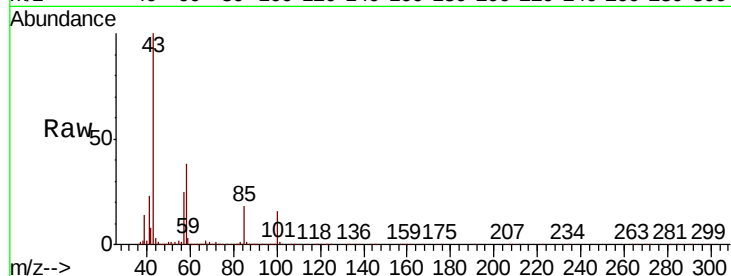




#51
 4-Methyl-2-Pentanone
 Concen: 104.851 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

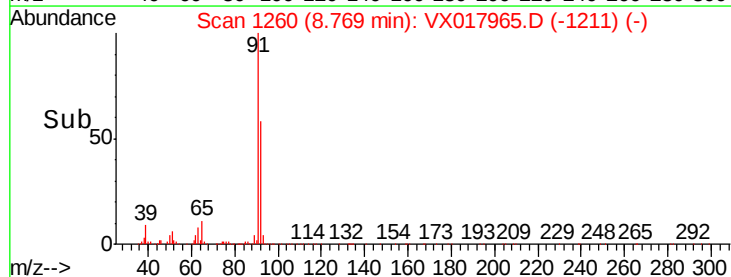
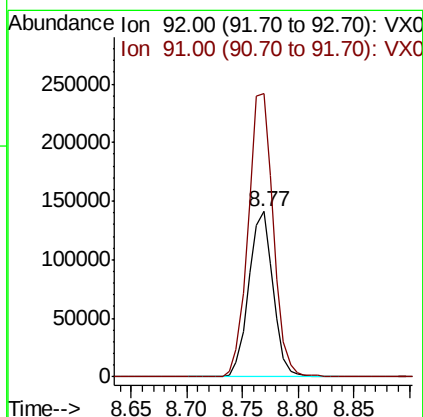
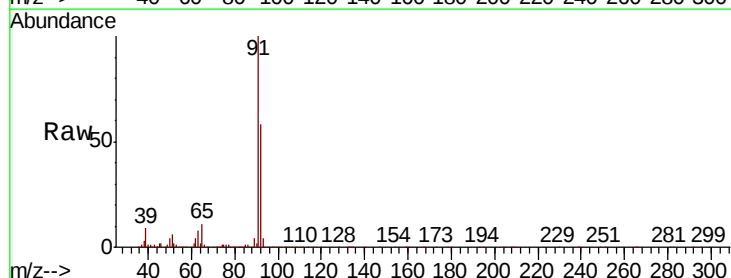
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

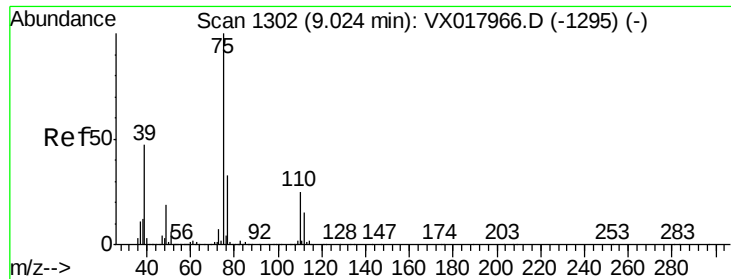
Tot Ion: 43 Resp: 740274
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4



#52
 Toluene
 Concen: 17.914 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 92 Resp: 214303
 Ion Ratio Lower Upper
 92 100
 91 177.7 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 18.050 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

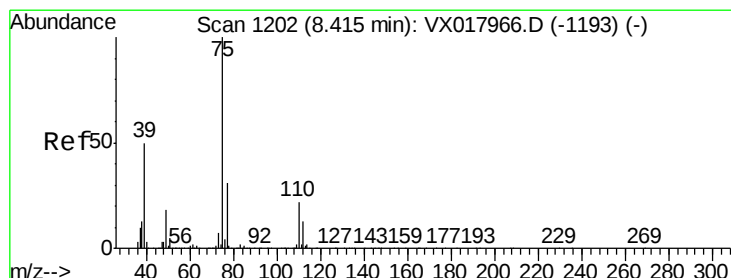
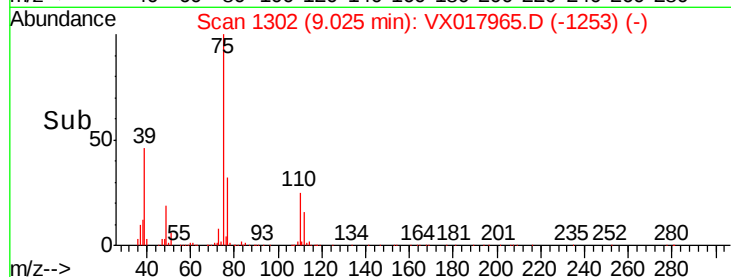
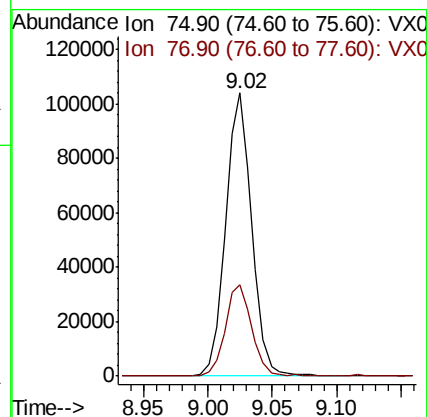
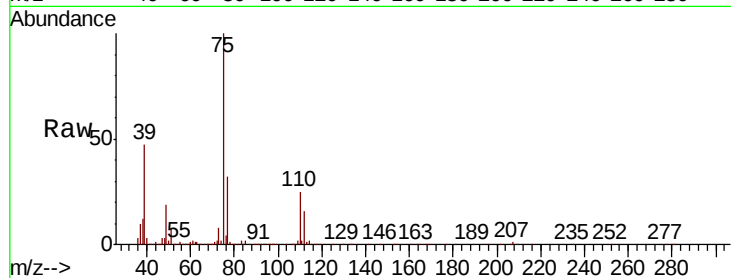
VSTDIC020

Tot Ion: 75 Resp: 147262

Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 19.224 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

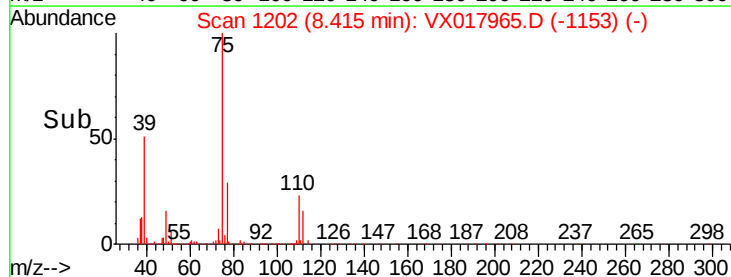
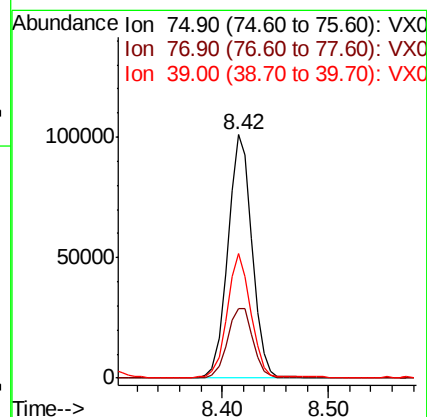
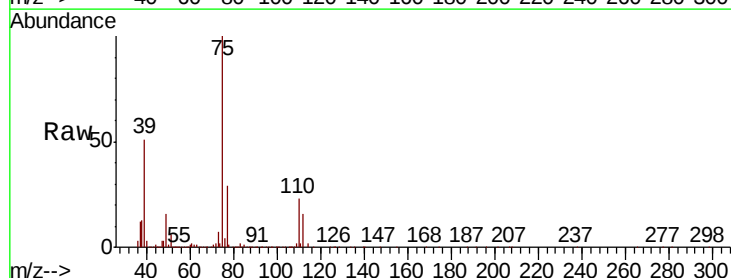
Tgt Ion: 75 Resp: 160752

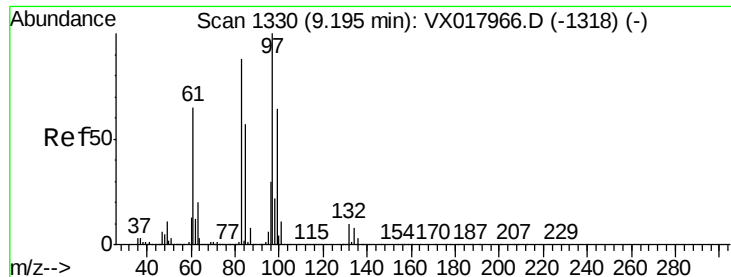
Ion Ratio Lower Upper

75 100

77 28.5 24.6 36.8

39 50.8 39.7 59.5

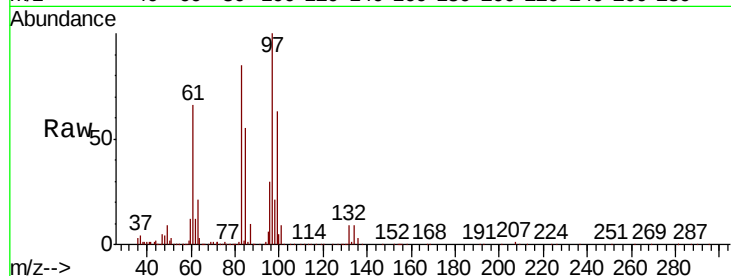




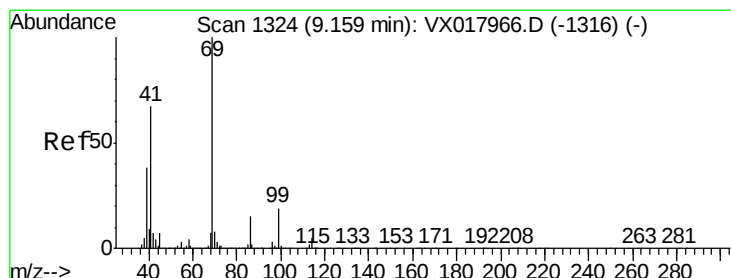
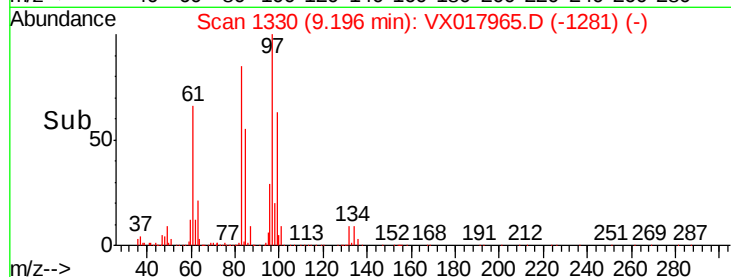
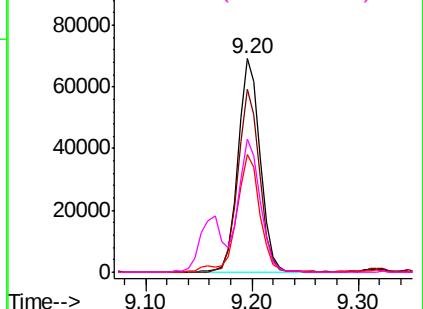
#55
 1,1,2-Trichloroethane
 Concen: 20.134 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	101115
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.1	105.1
85	54.6	45.8	68.8
99	62.4	51.4	77.2

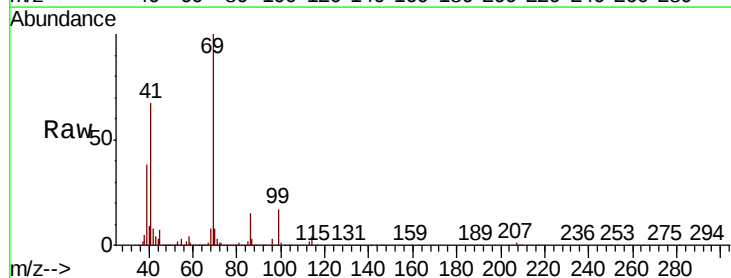


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

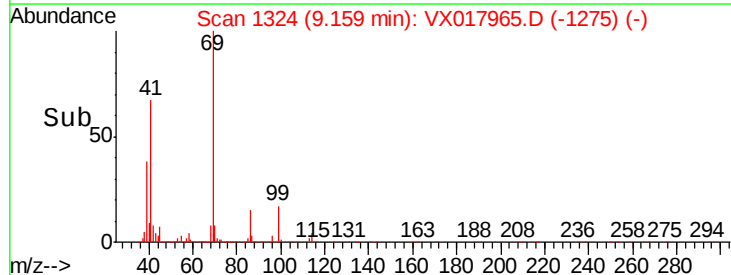
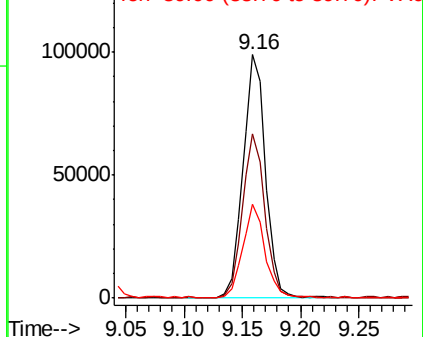


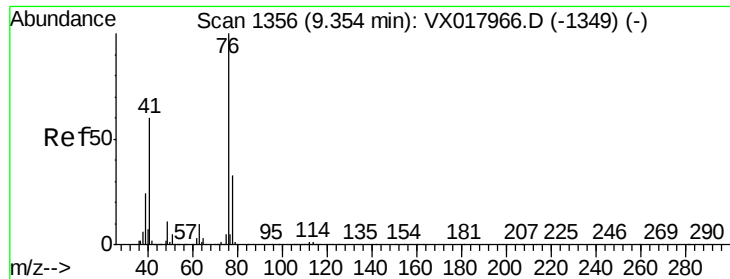
#56
 Ethyl methacrylate
 Concen: 17.913 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion:	69	Resp:	133744
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.3	78.5
39	37.7	29.2	43.8



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





#57

1,3-Dichloropropane

Concen: 19.609 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

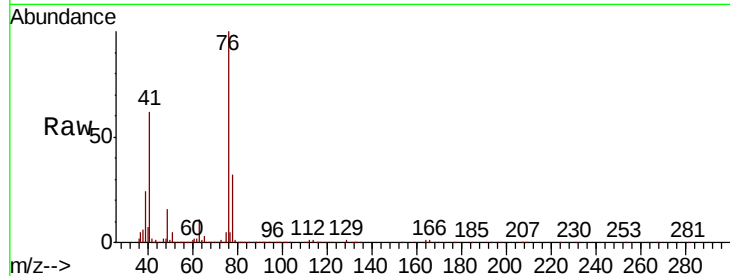
VSTDIC020

Tot Ion: 76 Resp: 161321

Ion Ratio Lower Upper

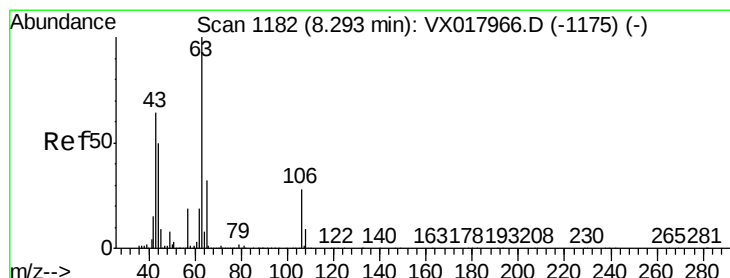
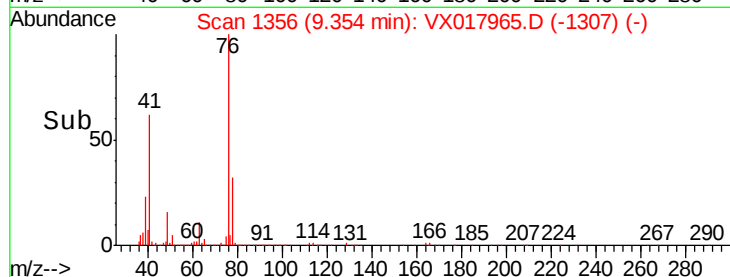
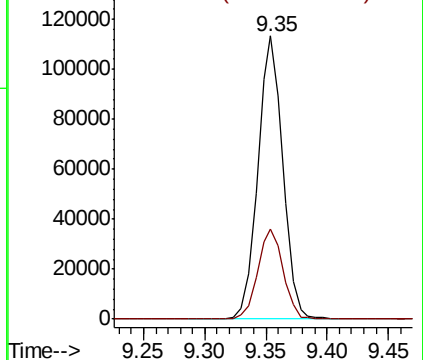
76 100

78 32.1 26.4 39.6



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: 81.270 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017965.D

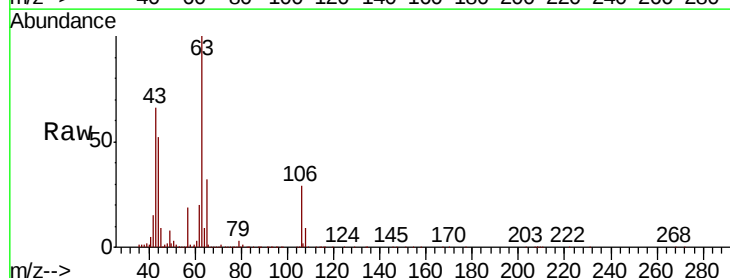
Acq: 18 Aug 2020 18:35

Tgt Ion: 63 Resp: 314015

Ion Ratio Lower Upper

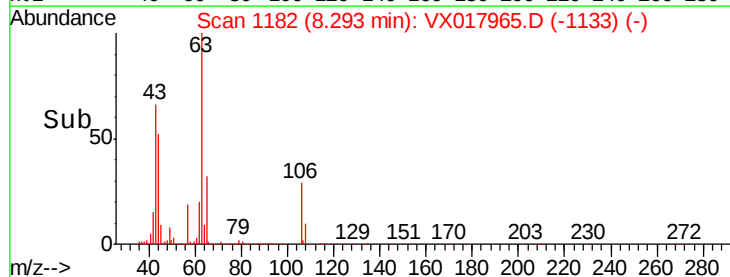
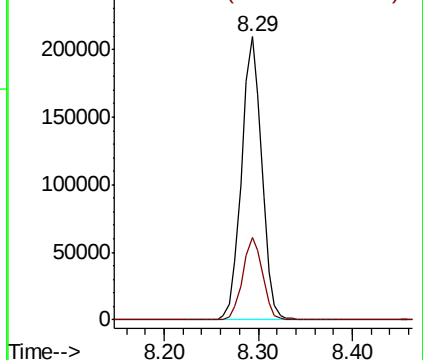
63 100

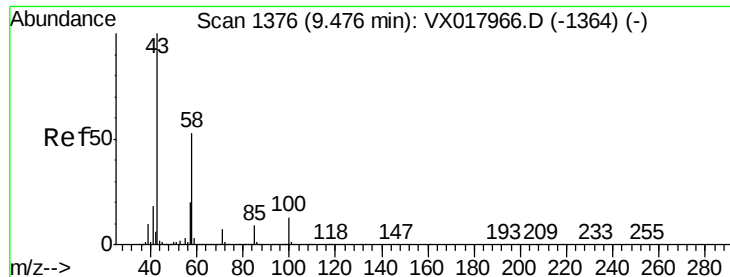
106 28.6 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

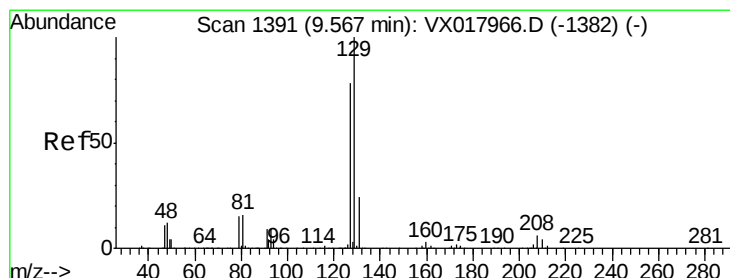
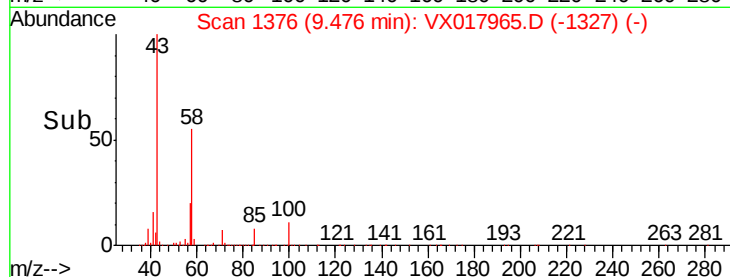
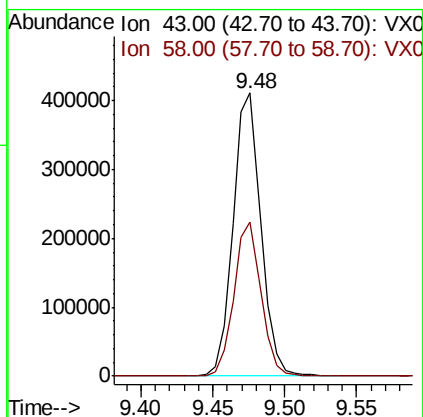
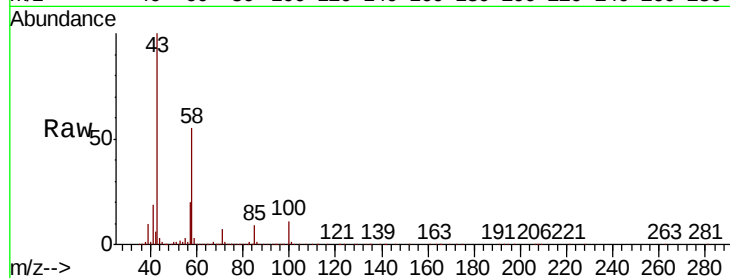




#59
2-Hexanone
Concen: 105.129 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

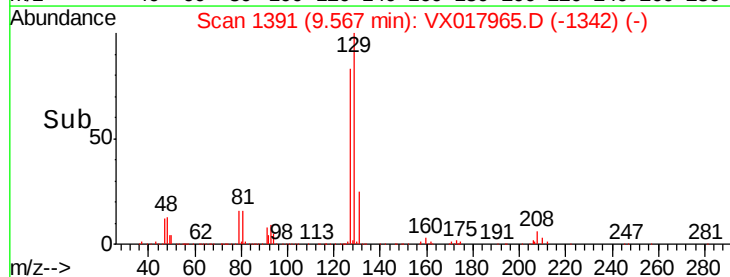
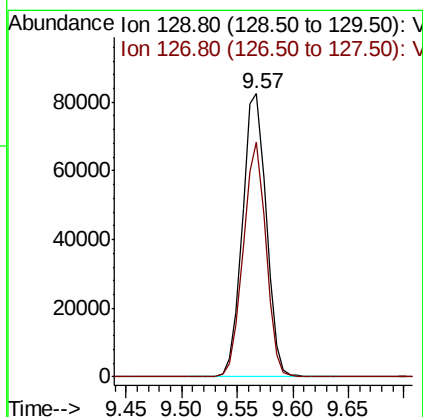
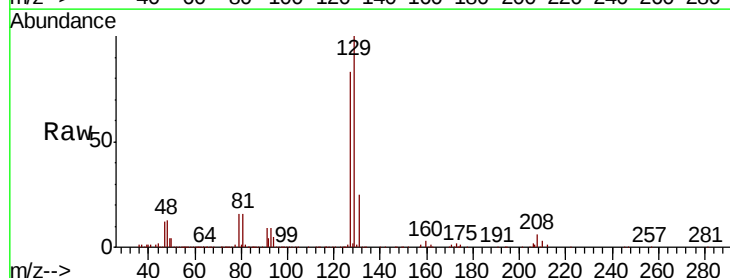
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

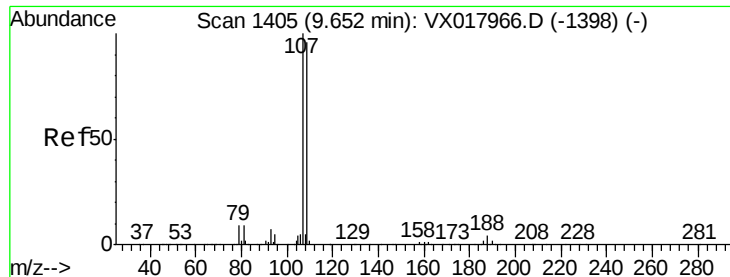
Tot Ion: 43 Resp: 55513
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0



#60
Dibromochloromethane
Concen: 19.403 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion: 129 Resp: 123133
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.3

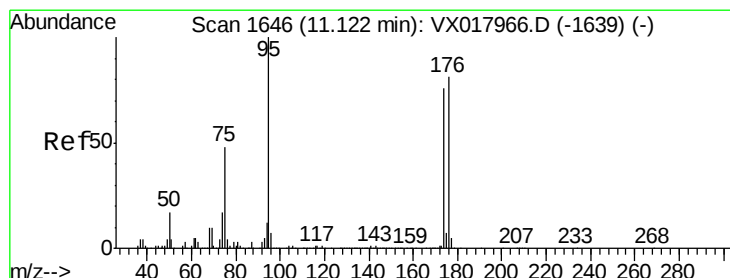
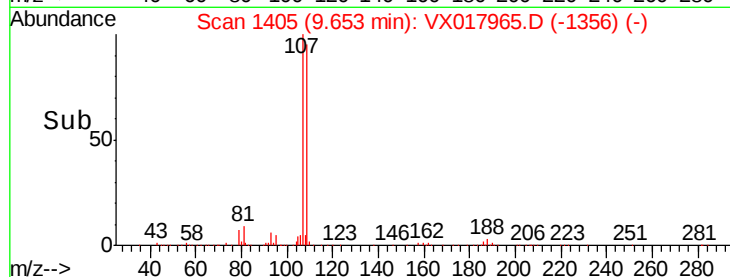
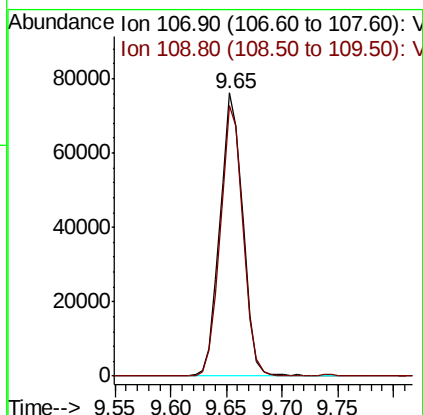
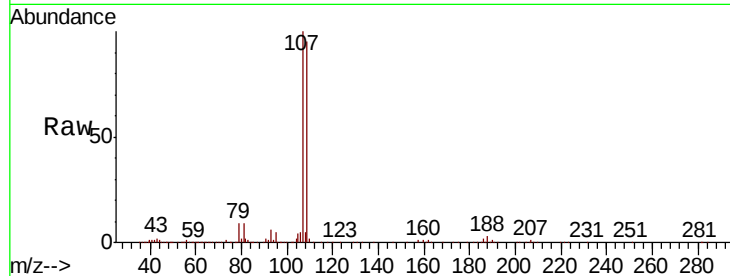




#61
 1,2-Dibromoethane
 Concen: 20.046 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

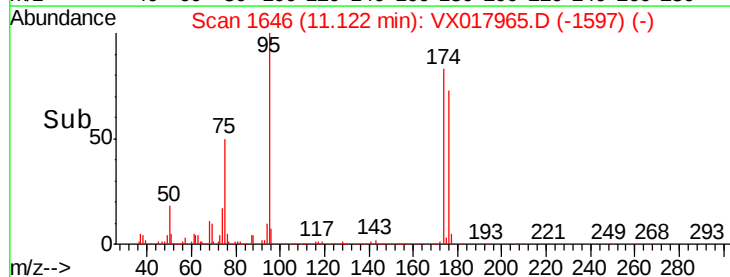
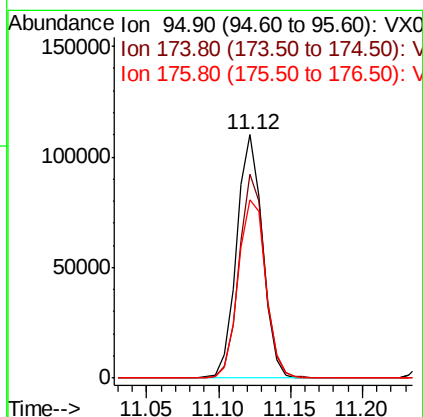
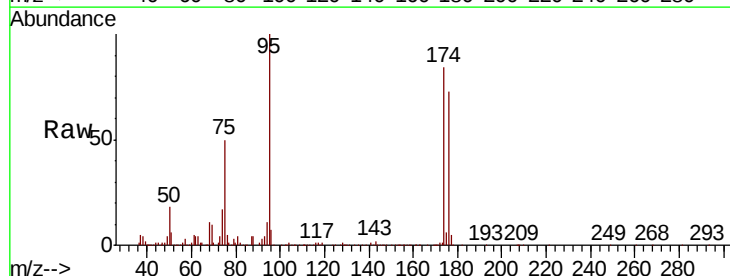
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

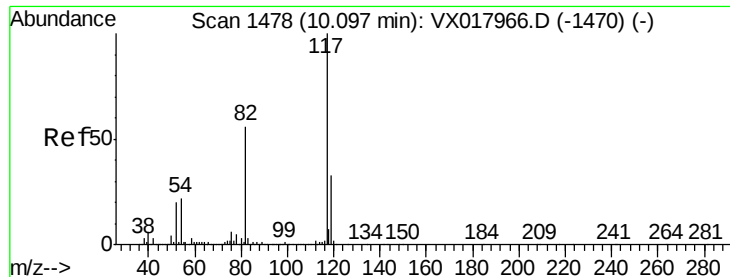
Tot Ion: 107 Resp: 108099
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 20.839 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion: 95 Resp: 137580
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 166.0
 176 78.1 0.0 161.0

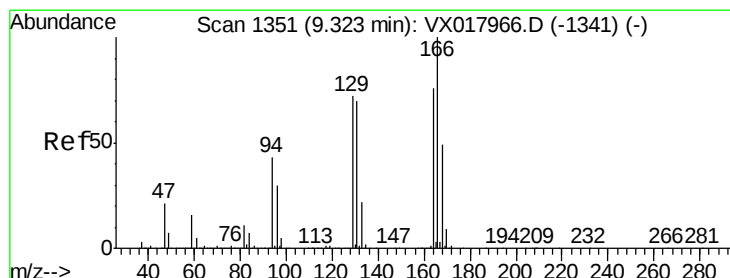
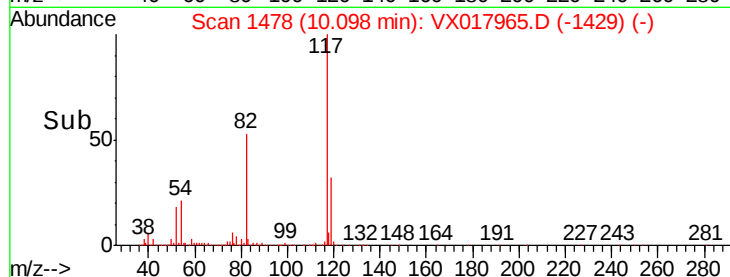
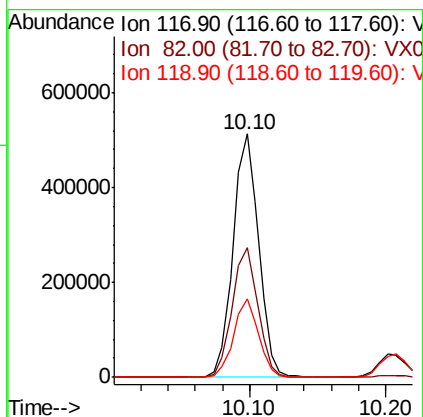
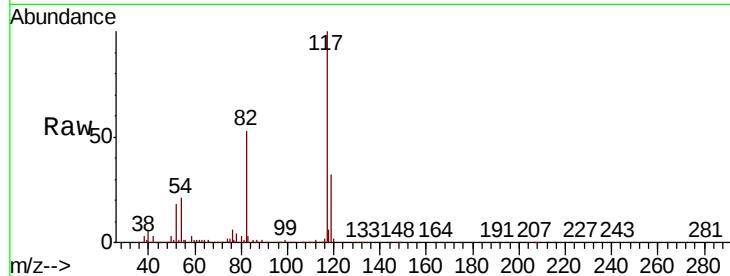




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

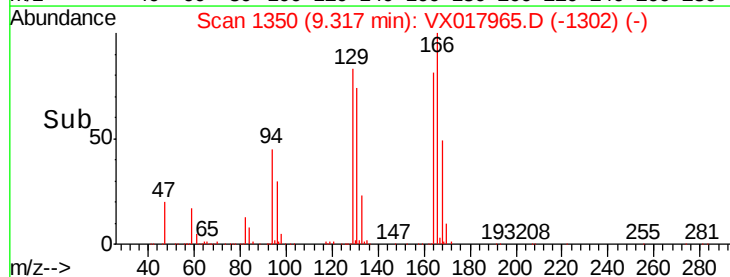
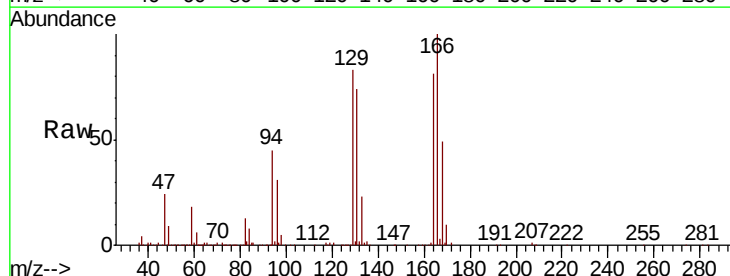
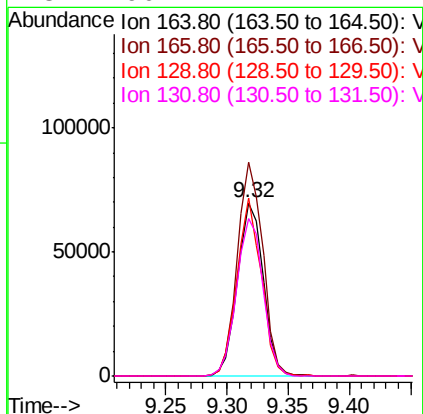
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

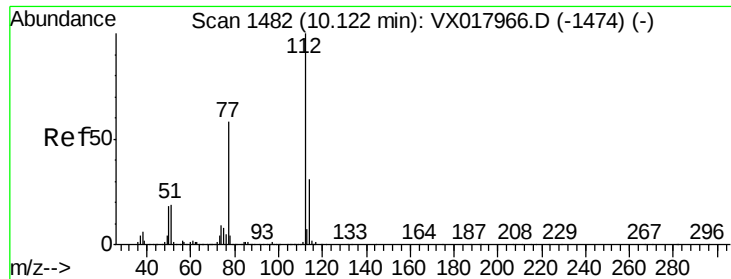
Tot Ion:117 Resp: 669107
Ion Ratio Lower Upper
117 100
82 53.3 44.6 66.8
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 17.296 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion:164 Resp: 101482
Ion Ratio Lower Upper
164 100
166 123.4 105.7 158.5
129 102.5 75.8 113.8
131 90.7 74.2 111.4





#65

Chlorobenzene

Concen: 17.297 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

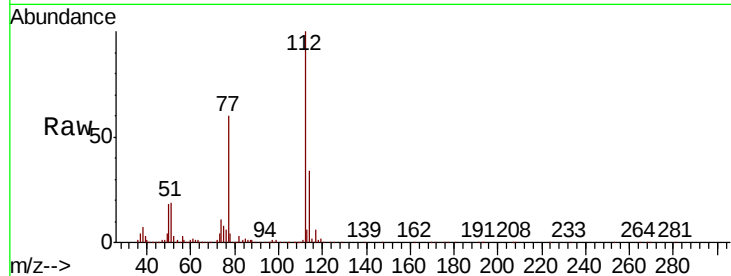
VSTDIC020

Tot Ion:112 Resp: 247465

Ion Ratio Lower Upper

112 100

114 33.5 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

200000

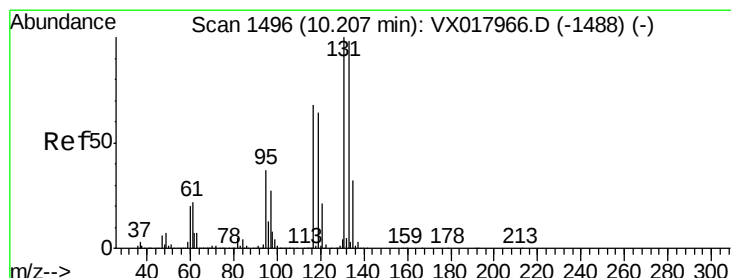
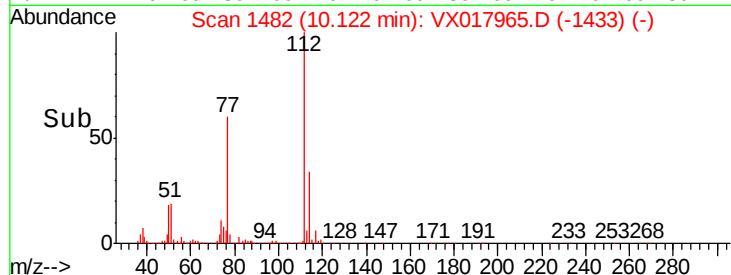
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.344 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

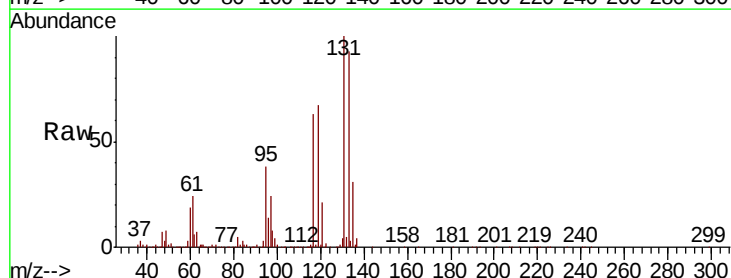
Tgt Ion:131 Resp: 106442

Ion Ratio Lower Upper

131 100

133 97.2 48.4 145.3

119 64.5 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

100000

80000

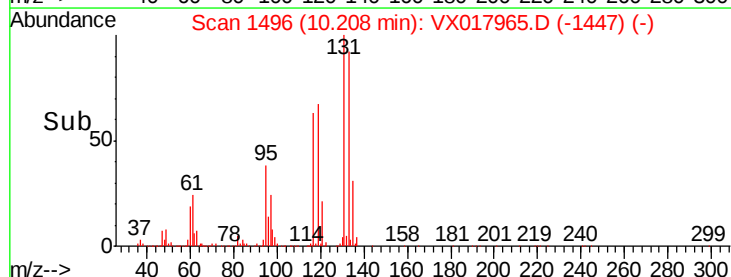
60000

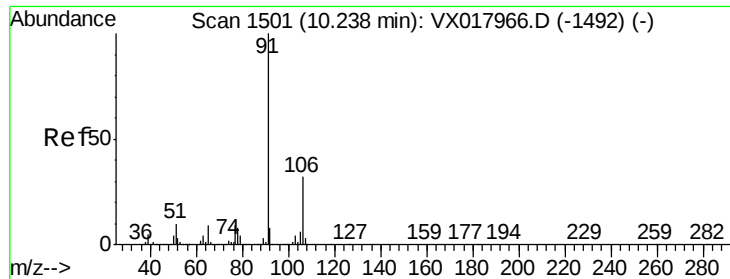
40000

20000

0

Time-->

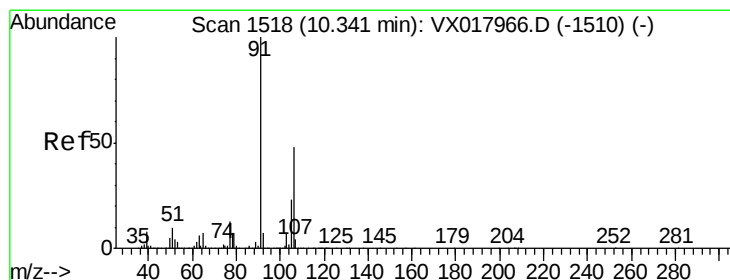
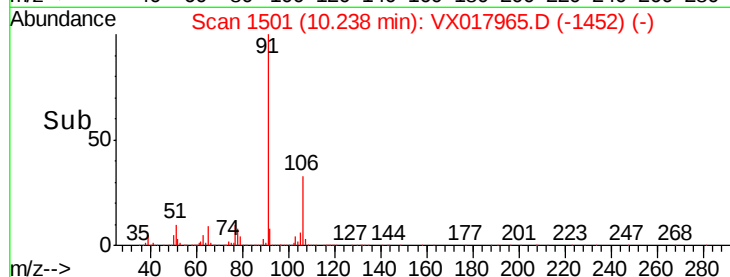
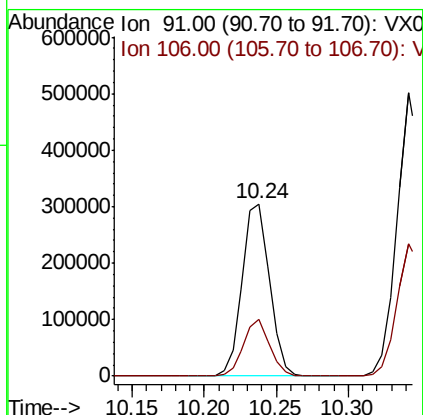
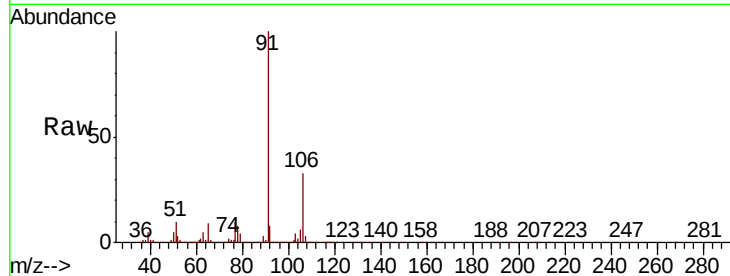




#67
Ethyl Benzene
Concen: 17.025 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

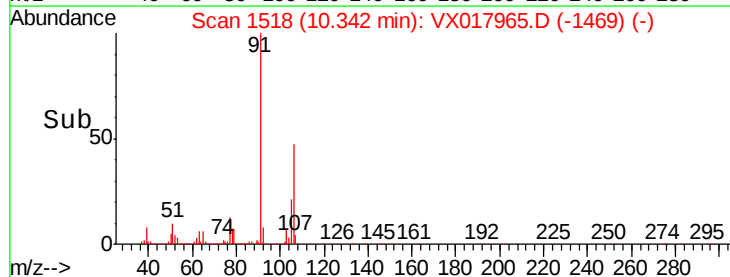
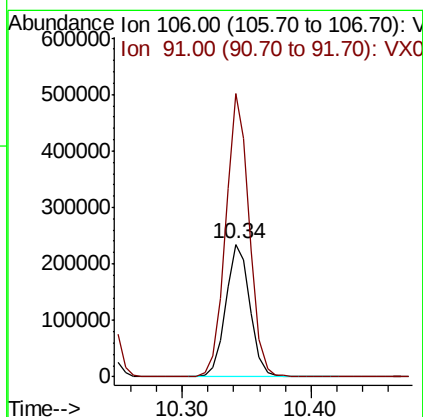
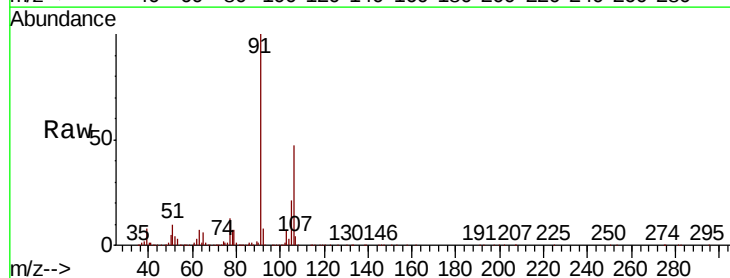
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

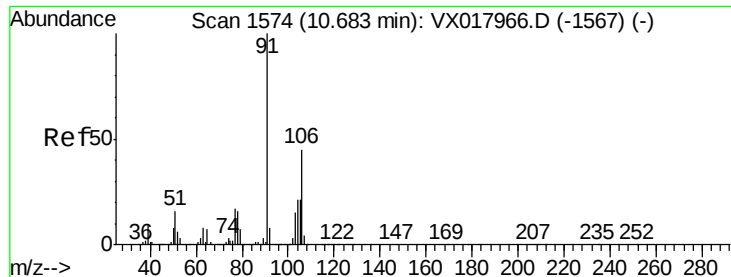
Tot Ion: 91 Resp: 404526
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 33.854 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion: 106 Resp: 309290
Ion Ratio Lower Upper
106 100
91 207.7 167.4 251.2

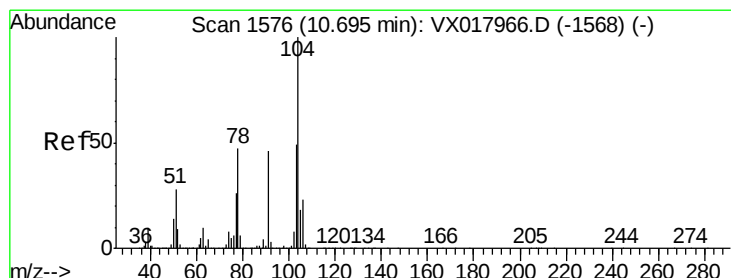
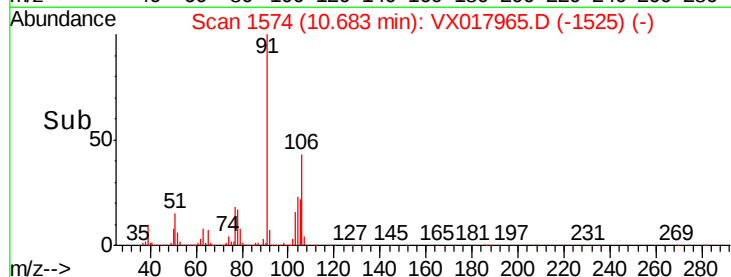
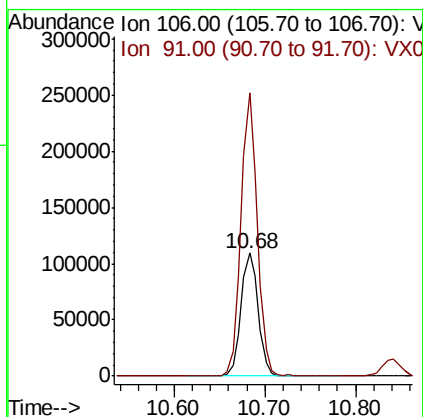
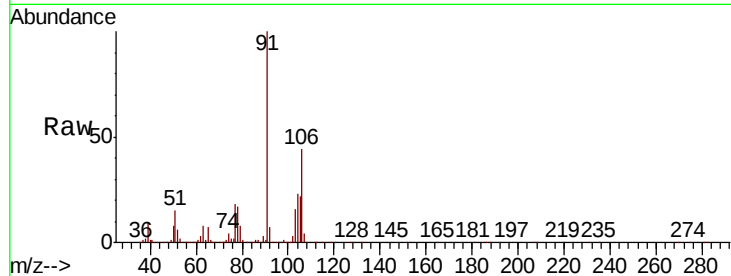




#69
o-Xylene
Concen: 16.324 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

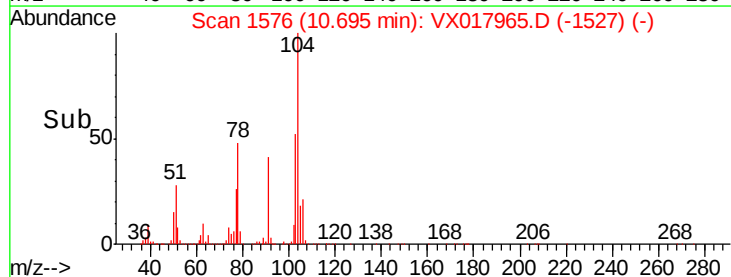
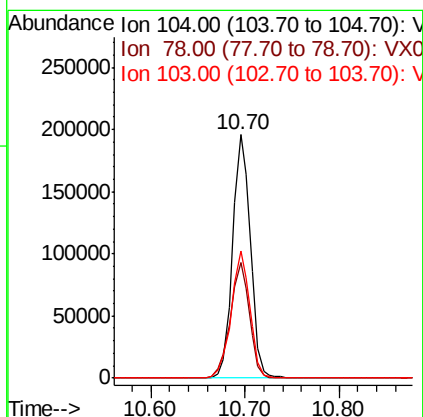
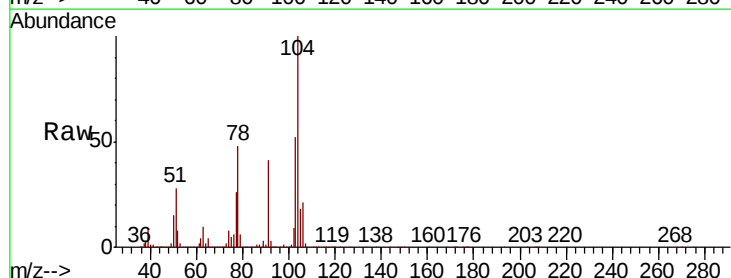
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

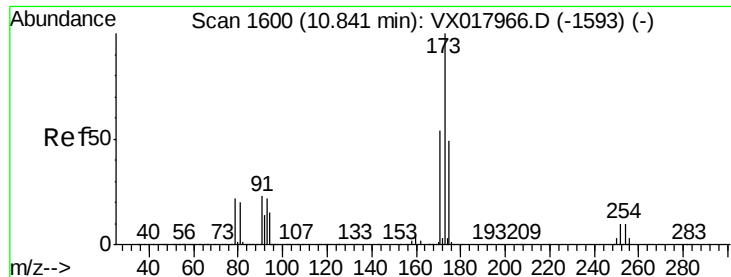
Tot Ion:106 Resp: 144090
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2



#70
Styrene
Concen: 17.050 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion:104 Resp: 256605
Ion Ratio Lower Upper
104 100
78 50.8 41.3 61.9
103 55.3 42.9 64.3





#71

Bromoform

Concen: 18.590 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

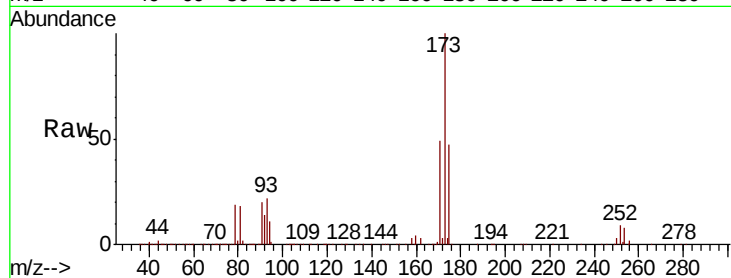
Tot Ion:173 Resp: 93157

Ion Ratio Lower Upper

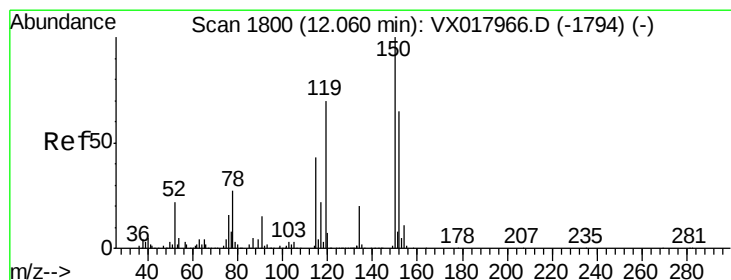
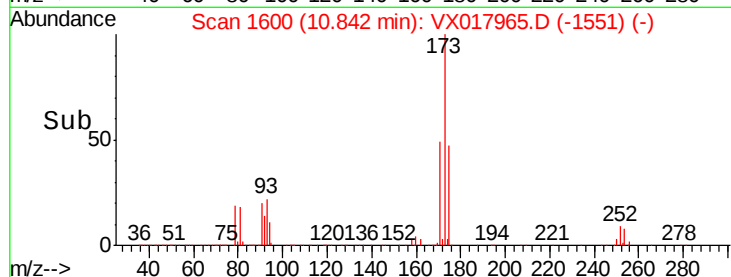
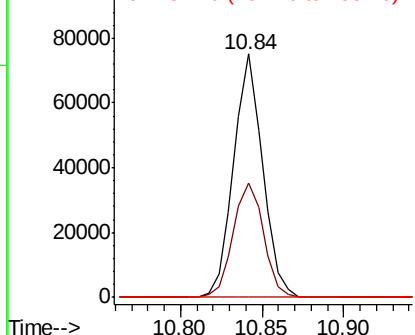
173 100

175 49.1 24.4 73.2

254 0.1 0.2 0.2#



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: VX017965.D

Acq: 18 Aug 2020 18:35

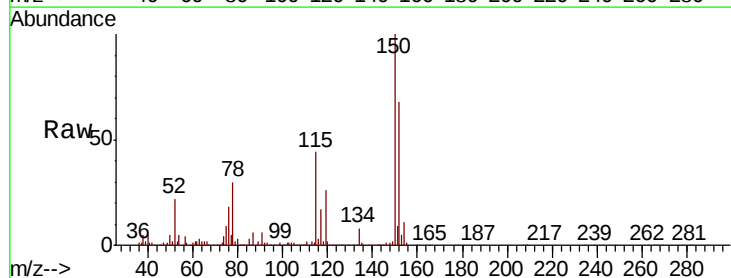
Tgt Ion:152 Resp: 340901

Ion Ratio Lower Upper

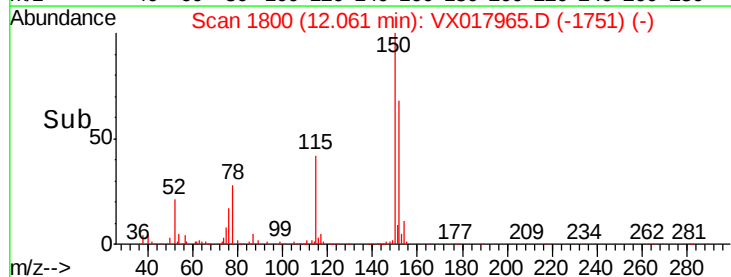
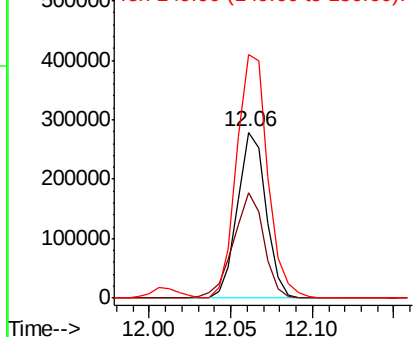
152 100

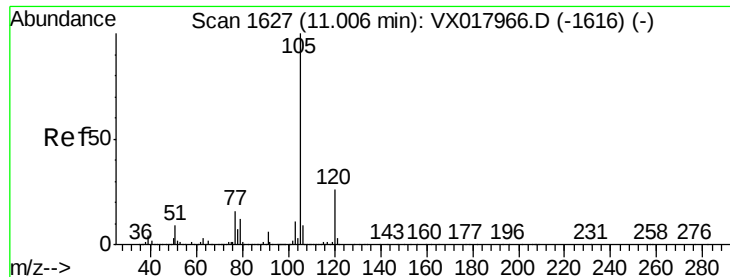
115 67.8 40.6 121.7

150 160.6 0.0 346.4



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: 17.736 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

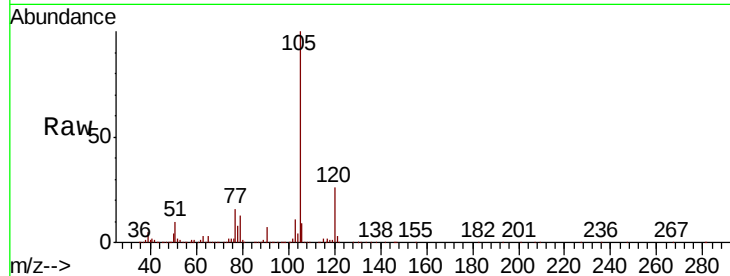
VSTDIC020

Tot Ion:105 Resp: 412611

Ion Ratio Lower Upper

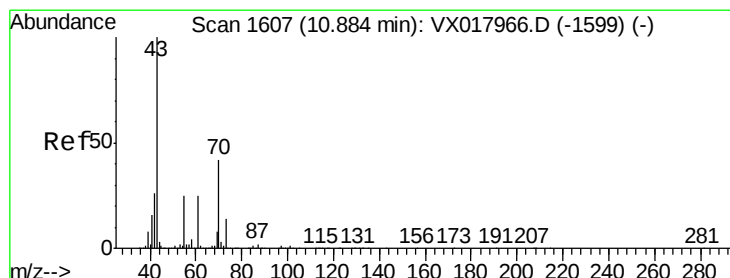
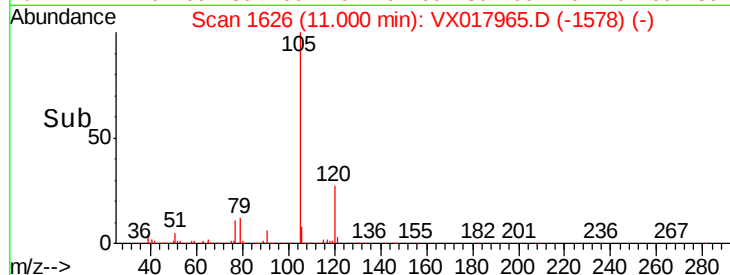
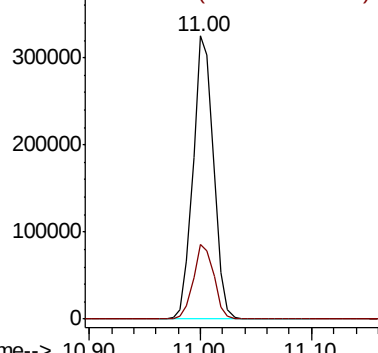
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.974 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Tgt Ion: 43 Resp: 183210

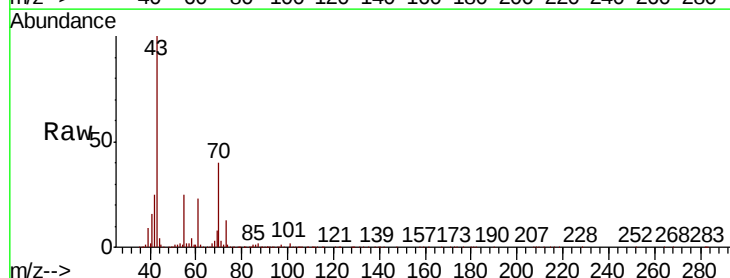
Ion Ratio Lower Upper

43 100

70 40.4 32.9 49.3

55 25.2 19.3 28.9

61 23.1 19.6 29.4

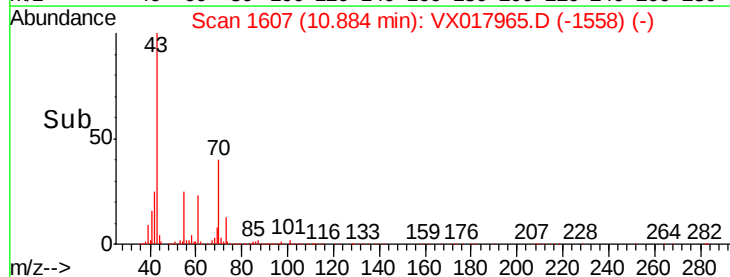
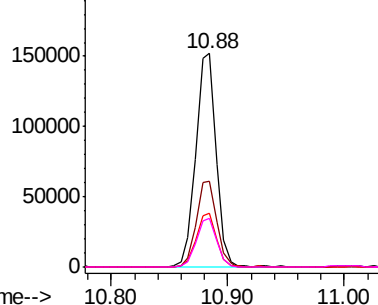


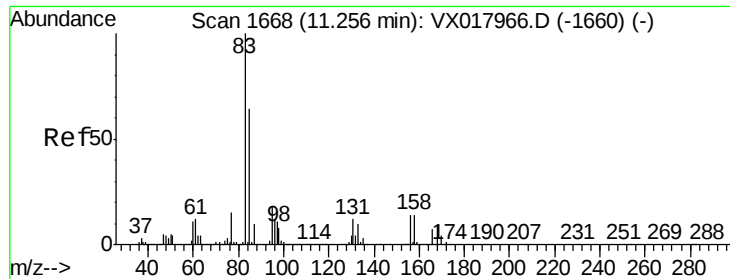
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.796 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

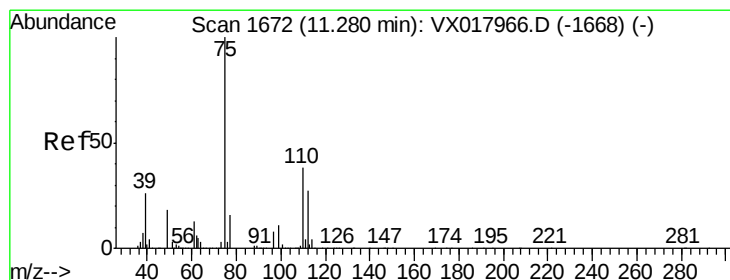
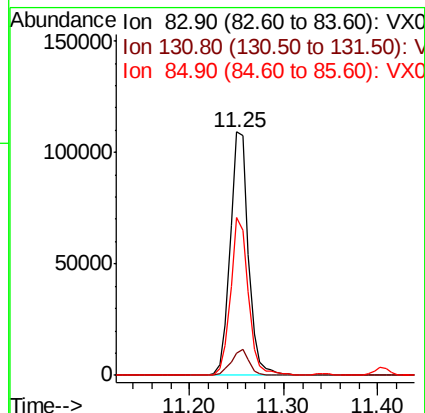
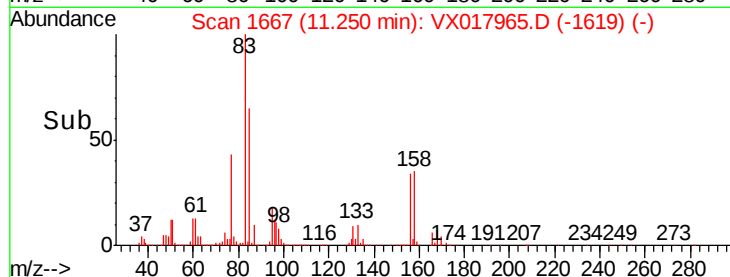
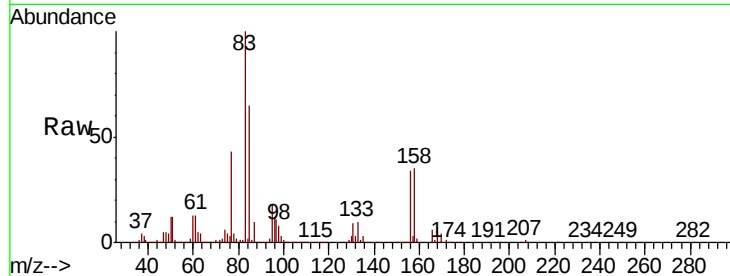
Tot Ion: 83 Resp: 146414

Ion Ratio Lower Upper

83 100

131 10.4 5.7 17.0

85 63.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 25.492 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017965.D

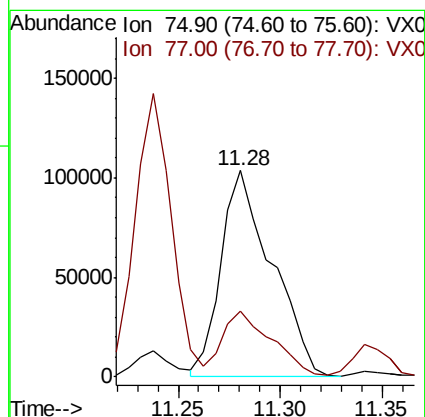
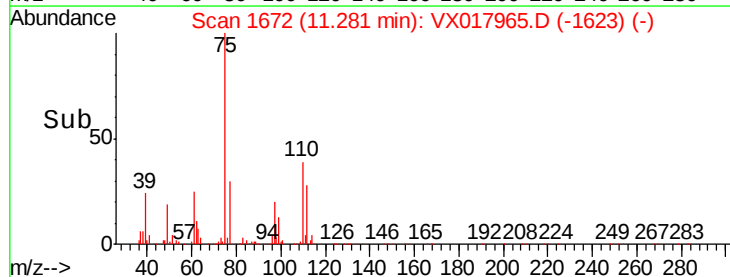
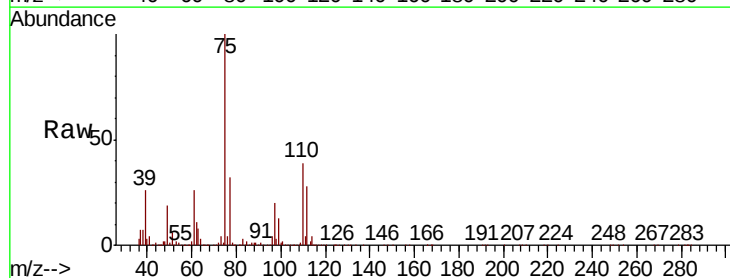
Acq: 18 Aug 2020 18:35

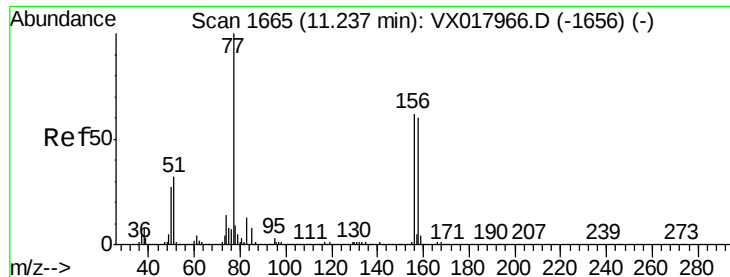
Tgt Ion: 75 Resp: 179084

Ion Ratio Lower Upper

75 100

77 31.0 21.1 63.1





#77

Bromobenzene

Concen: 17.775 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

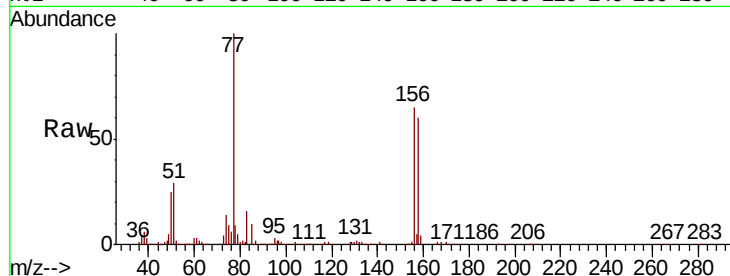
Tot Ion:156 Resp: 115673

Ion Ratio Lower Upper

156 100

77 152.5 78.0 234.0

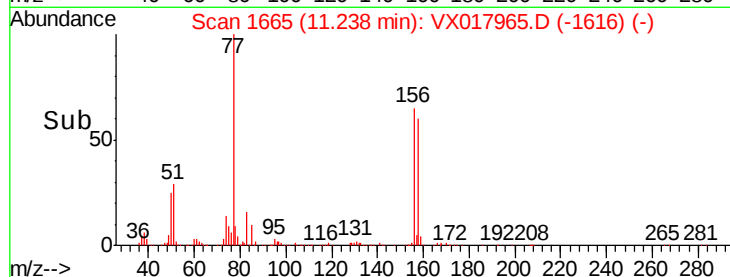
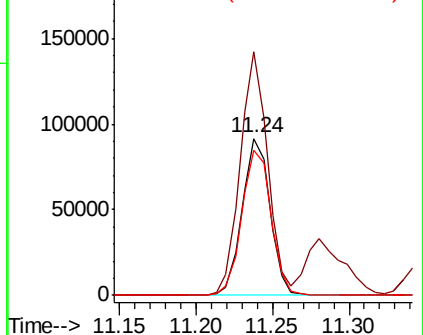
158 96.8 49.2 147.6



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: 17.810 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017965.D

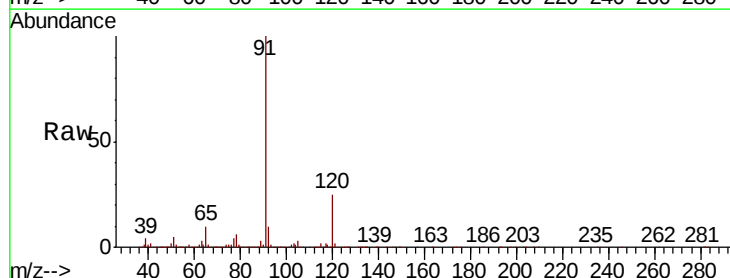
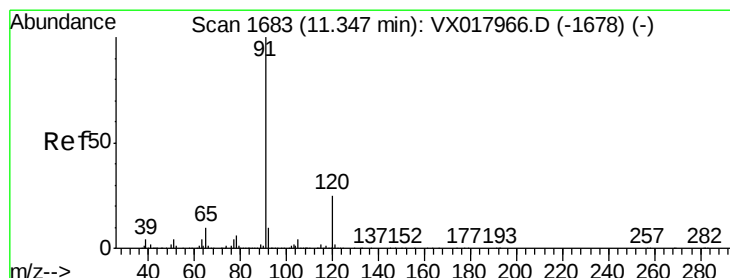
Acq: 18 Aug 2020 18:35

Tgt Ion: 91 Resp: 469395

Ion Ratio Lower Upper

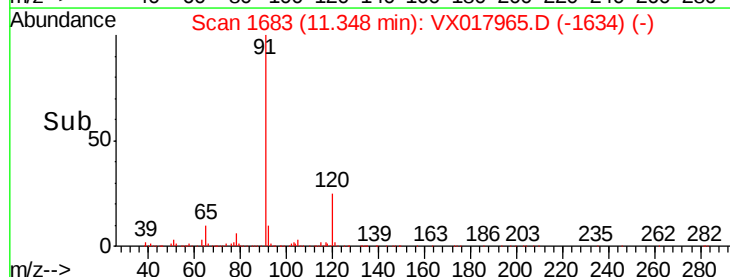
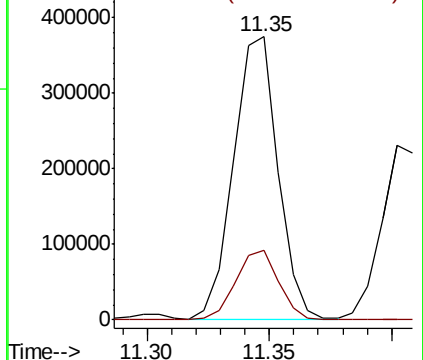
91 100

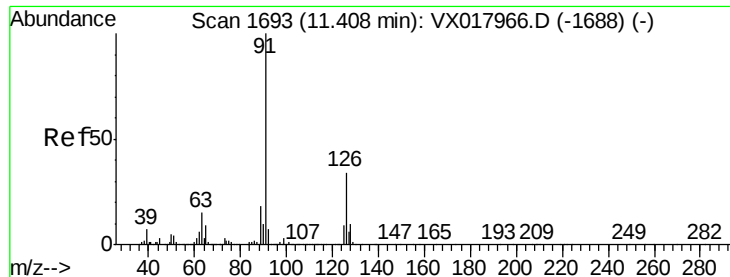
120 24.1 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.980 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

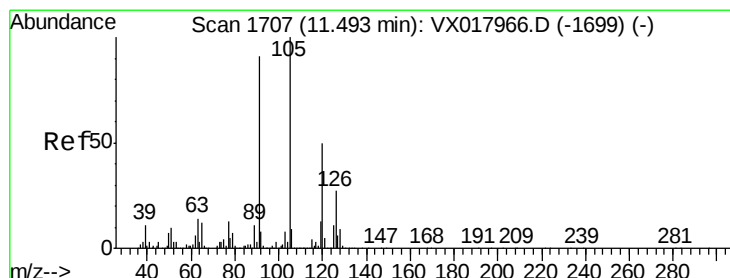
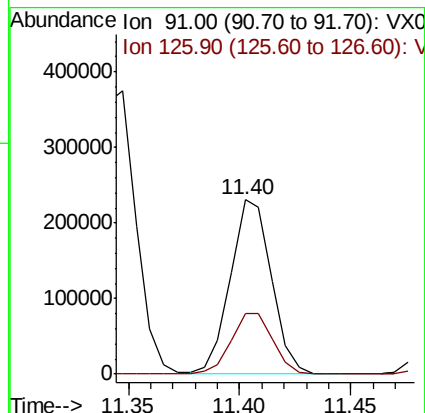
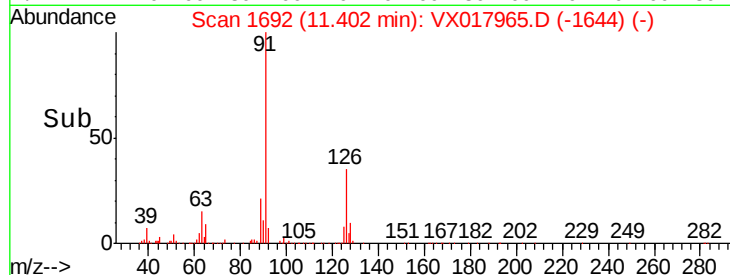
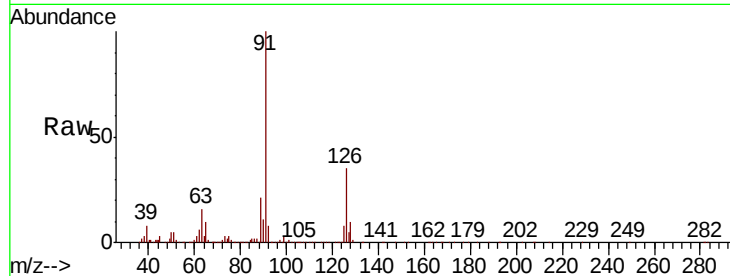
VSTDIC020

Tot Ion: 91 Resp: 293083

Ion Ratio Lower Upper

91 100

126 35.8 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 18.286 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017965.D

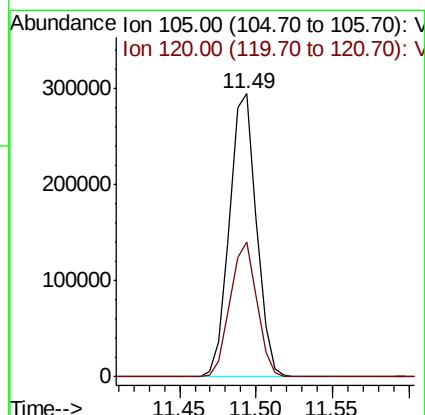
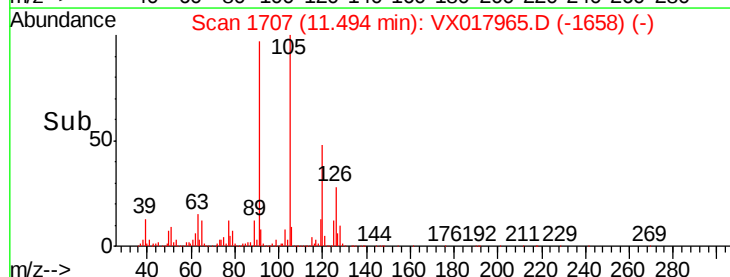
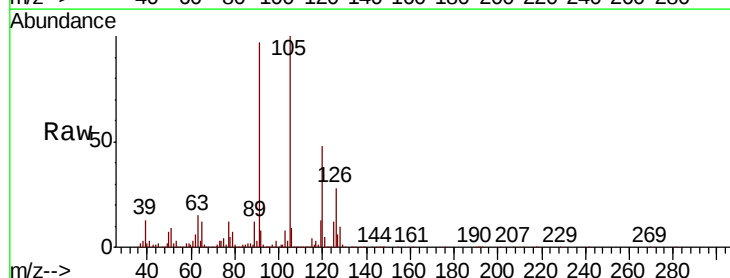
Acq: 18 Aug 2020 18:35

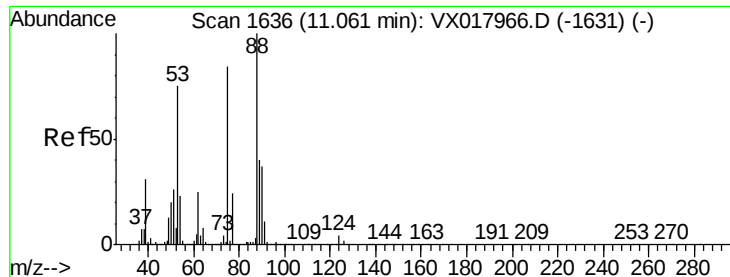
Tgt Ion:105 Resp: 362092

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.152 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

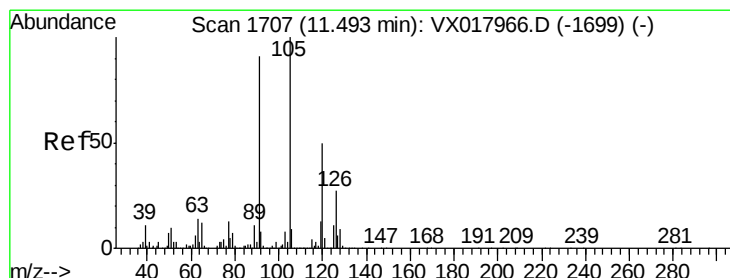
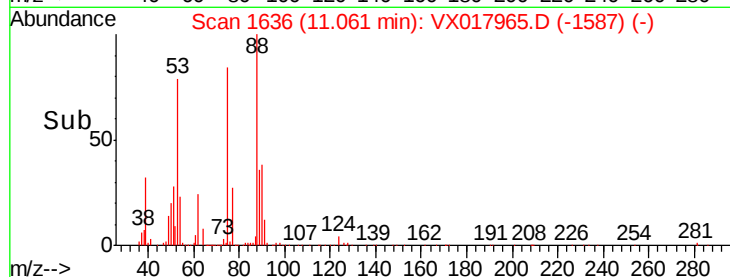
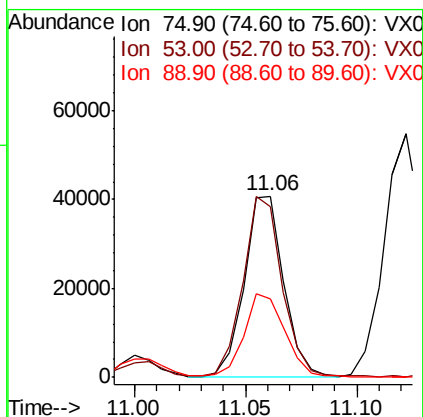
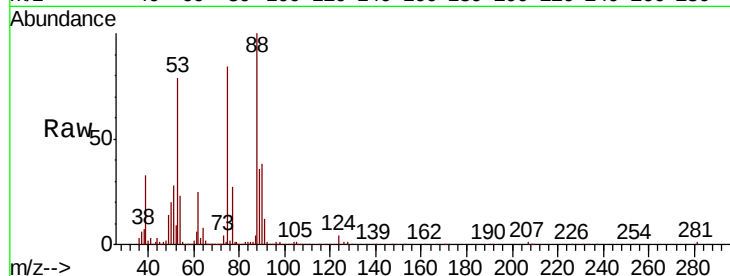
Tot Ion: 75 Resp: 50661

Ion Ratio Lower Upper

75 100

53 97.9 75.2 112.8

89 47.7 38.4 57.6



#82

4-Chlorotoluene

Concen: 18.301 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017965.D

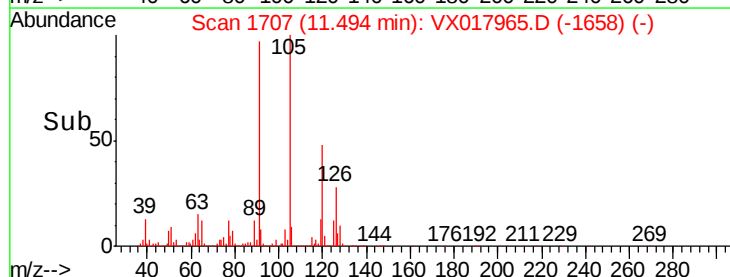
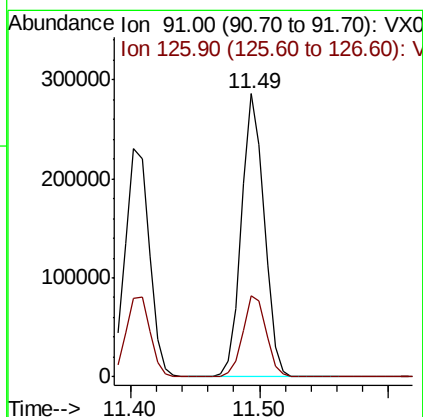
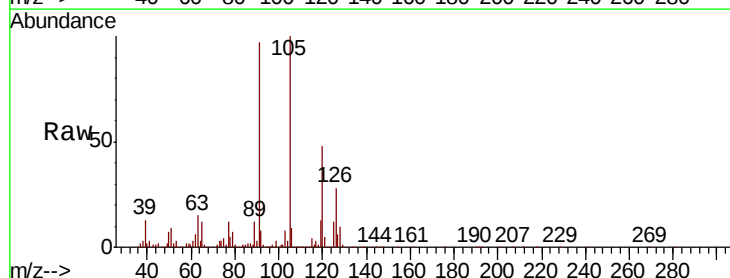
Acq: 18 Aug 2020 18:35

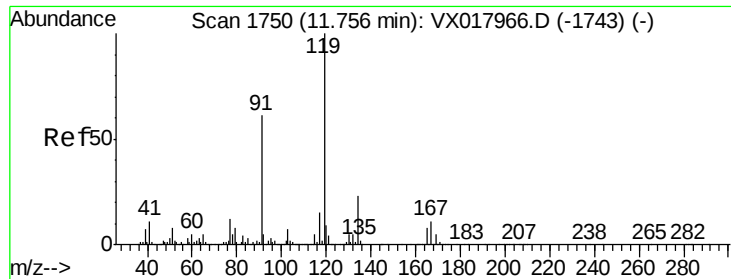
Tgt Ion: 91 Resp: 349391

Ion Ratio Lower Upper

91 100

126 29.2 15.0 45.0





#83

tert-Butylbenzene

Concen: 18.344 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

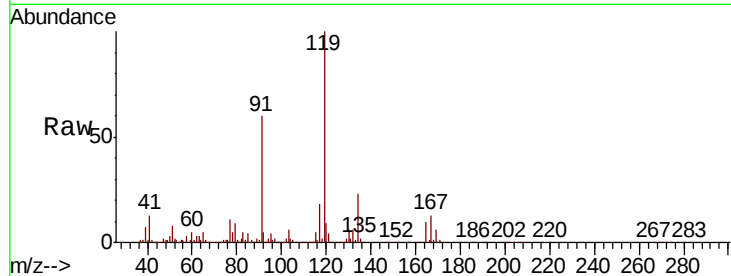
Tot Ion:119 Resp: 346156

Ion Ratio Lower Upper

119 100

91 58.6 30.1 90.5

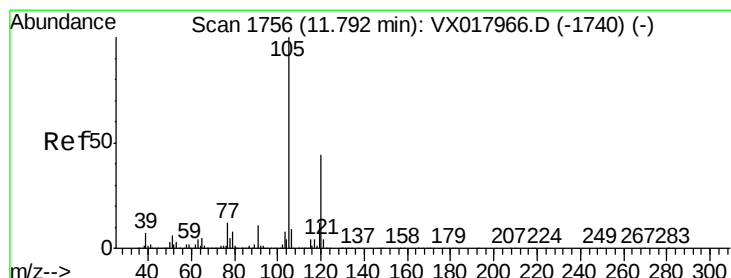
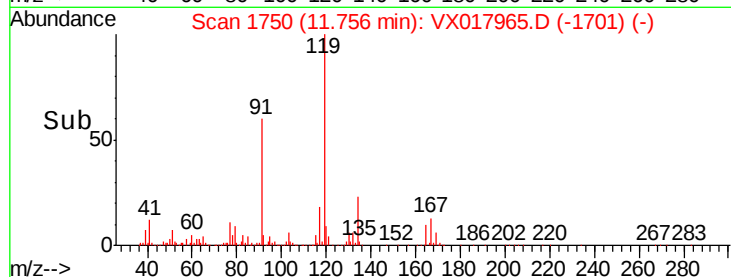
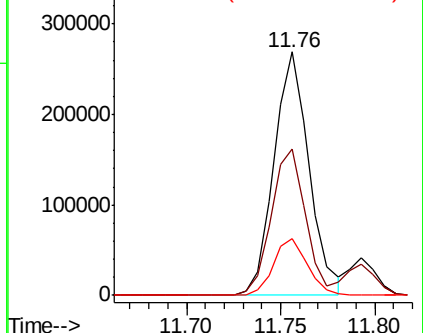
134 22.7 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.671 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017965.D

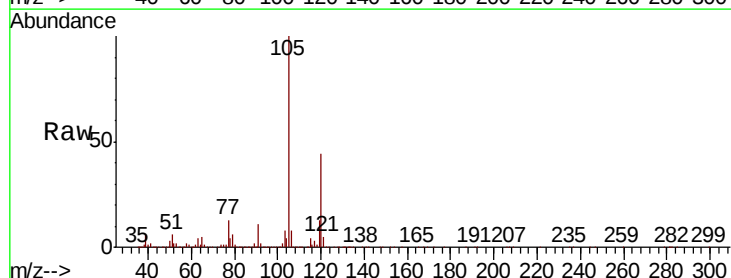
Acq: 18 Aug 2020 18:35

Tgt Ion:105 Resp: 373655

Ion Ratio Lower Upper

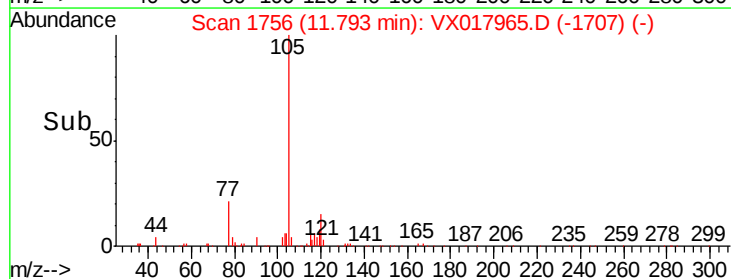
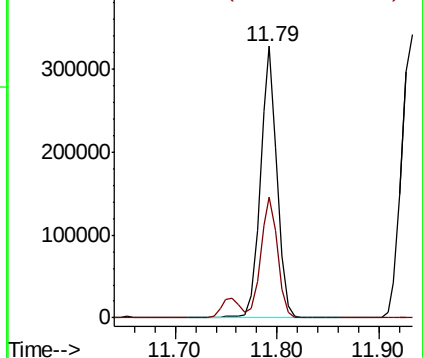
105 100

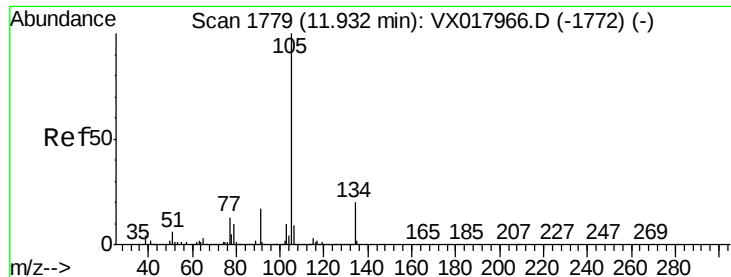
120 45.3 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.544 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

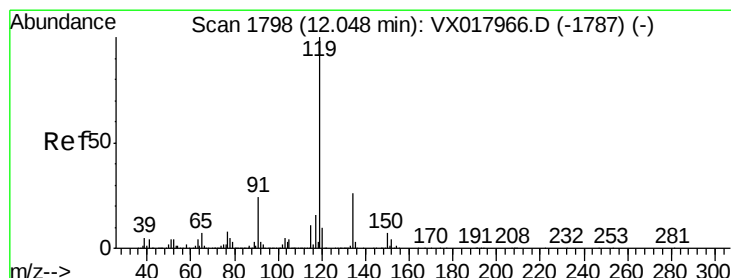
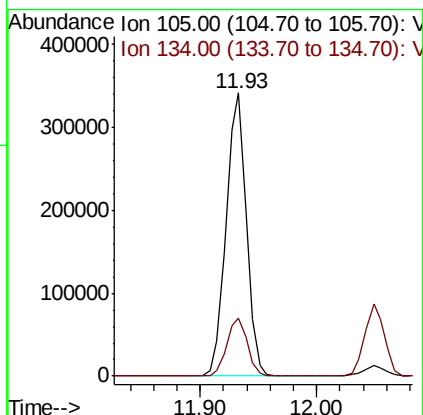
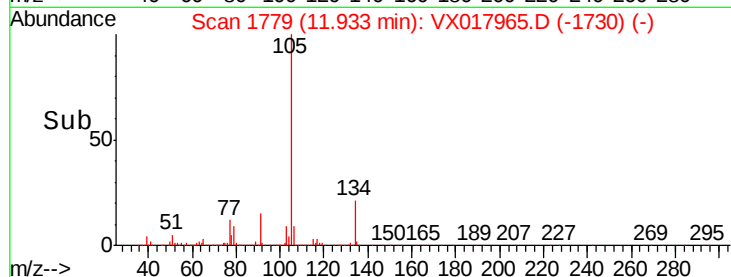
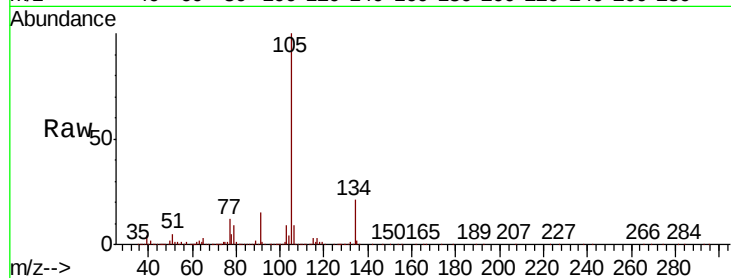
VSTDIC020

Tot Ion:105 Resp: 410826

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 18.513 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

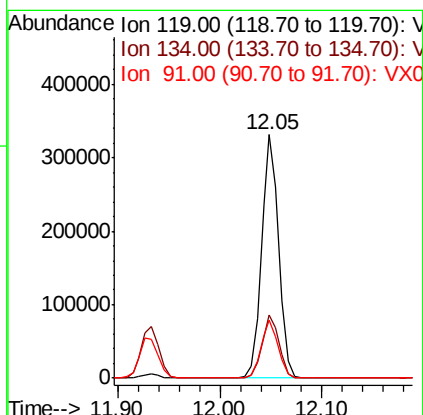
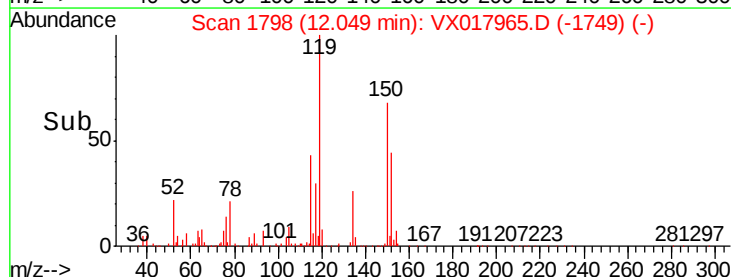
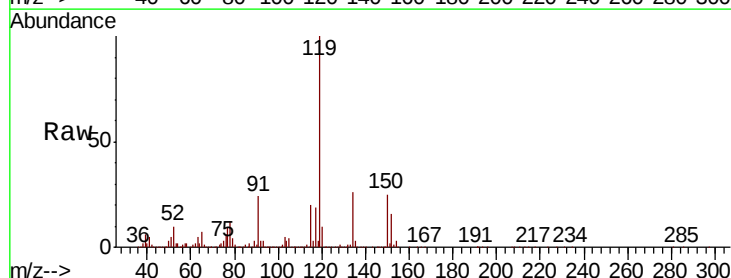
Tgt Ion:119 Resp: 389468

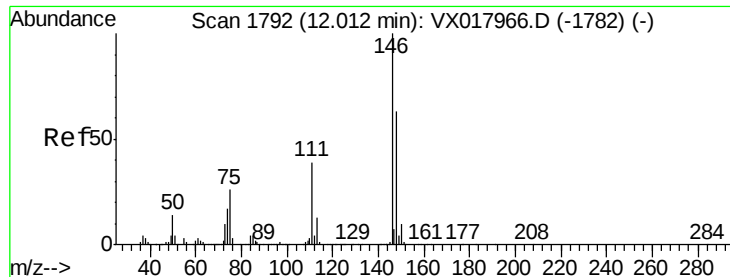
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 18.513 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

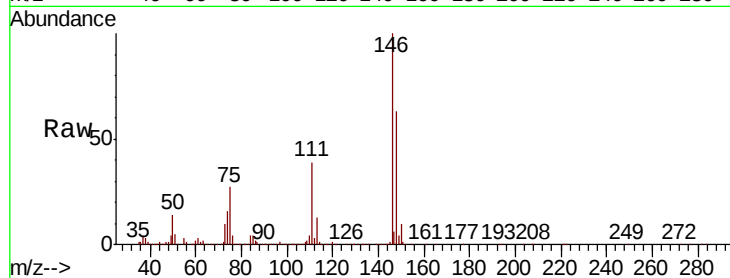
Tot Ion:146 Resp: 205718

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.3

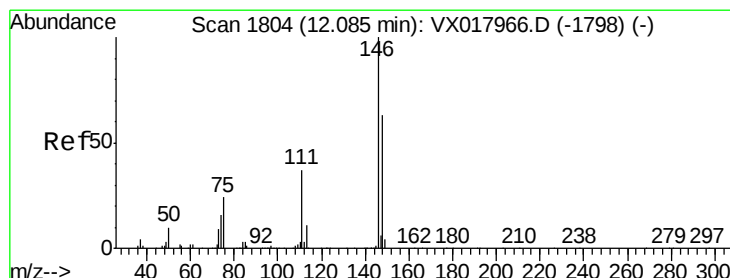
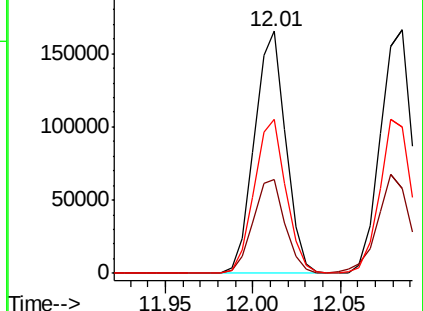
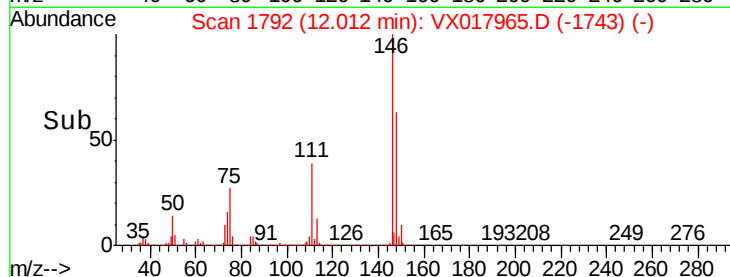
148 64.3 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 18.141 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

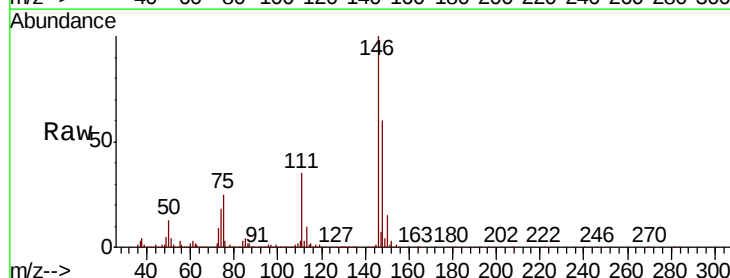
Tgt Ion:146 Resp: 209385

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

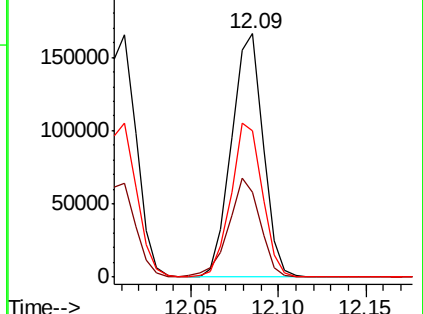
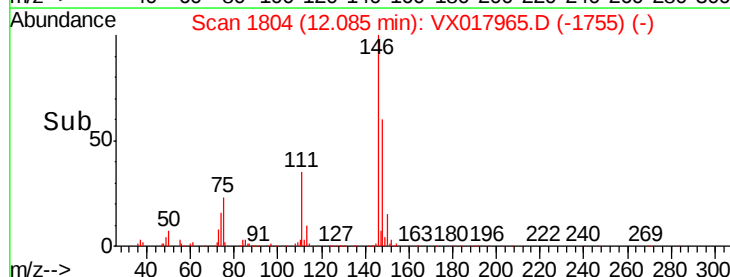
148 63.1 31.9 95.7

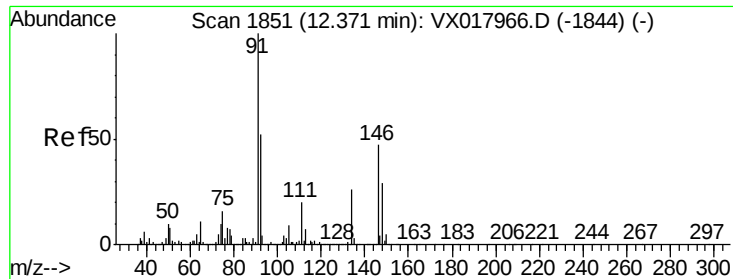


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

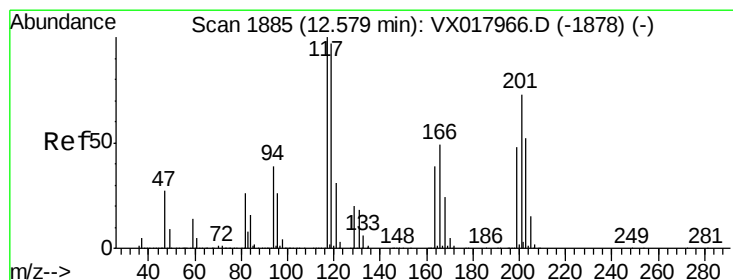
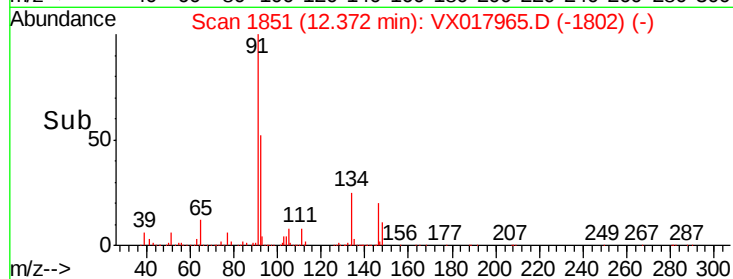
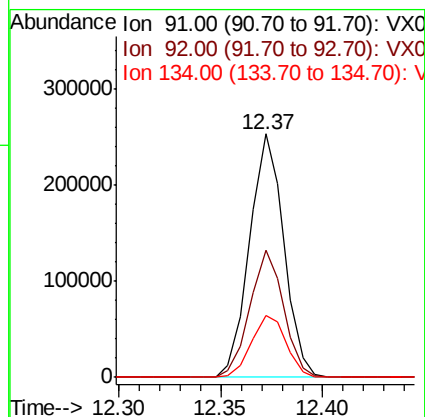
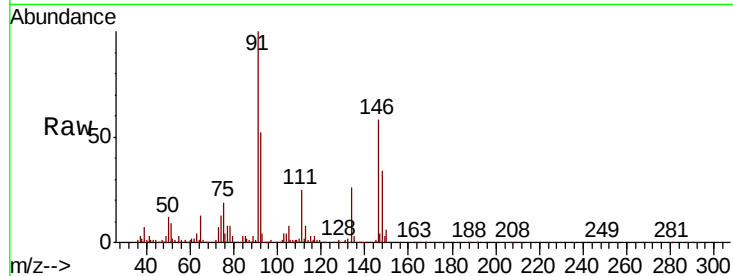




#89
n-Butylbenzene
Concen: 15.891 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

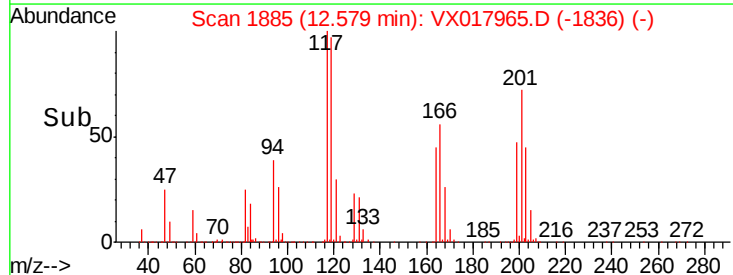
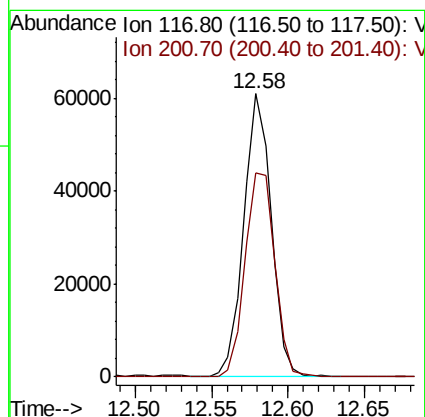
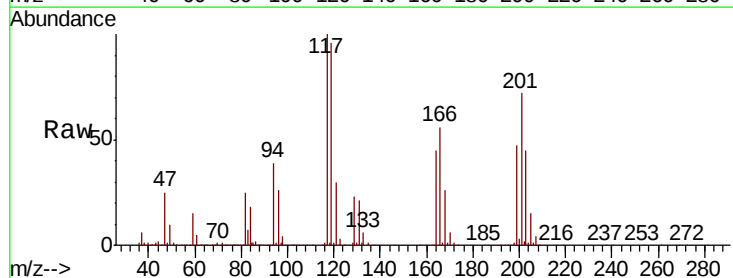
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

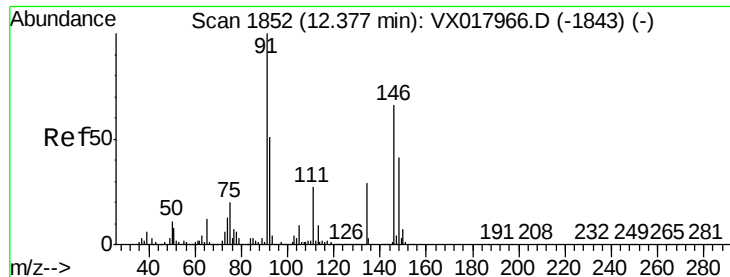
Tot Ion: 91 Resp: 295963
Ion Ratio Lower Upper
91 100
92 51.7 25.7 77.0
134 26.1 13.4 40.2



#90
Hexachloroethane
Concen: 18.182 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017965.D
Acq: 18 Aug 2020 18:35

Tgt Ion: 117 Resp: 75773
Ion Ratio Lower Upper
117 100
201 78.6 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 17.674 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

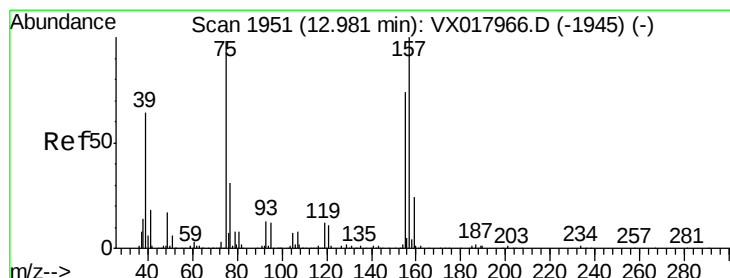
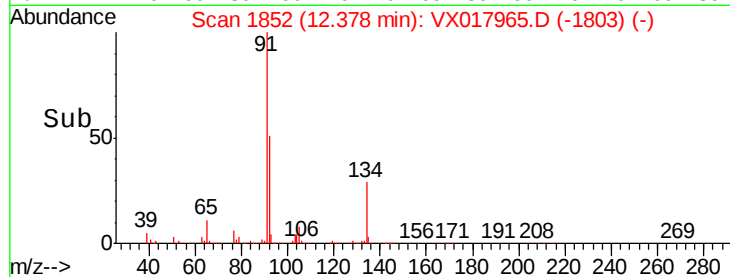
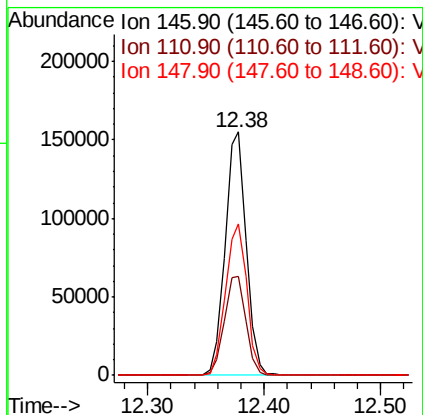
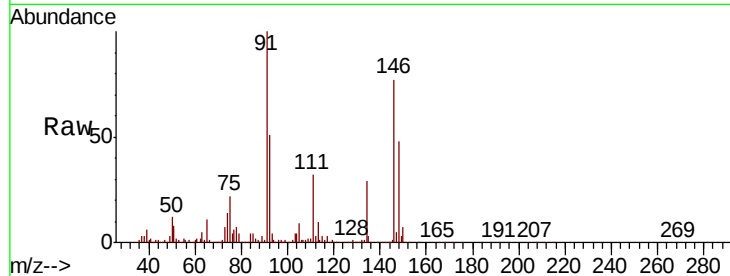
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	193917
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	63.5	31.2	93.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.837 ug/l

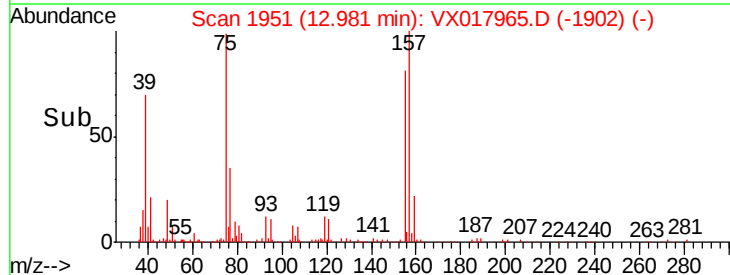
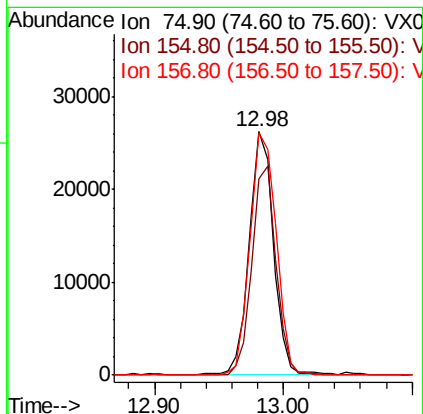
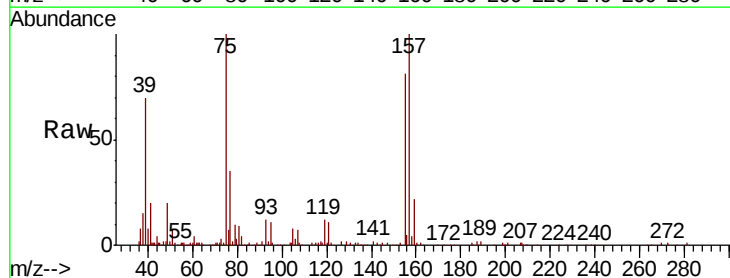
RT: 12.98 min Scan# 1951

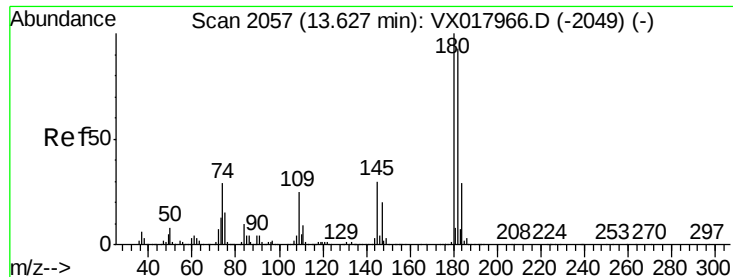
Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Tgt Ion:	75	Resp:	33935
Ion	Ratio	Lower	Upper
75	100		
155	85.1	40.5	121.5
157	106.9	54.4	163.2

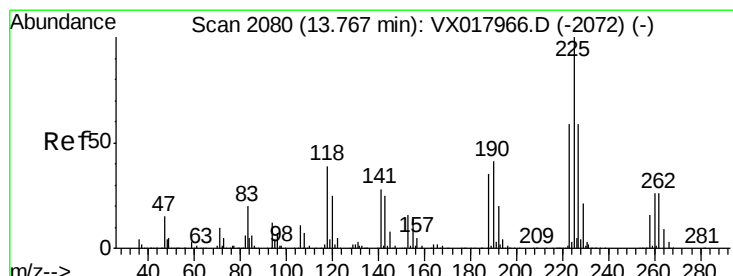
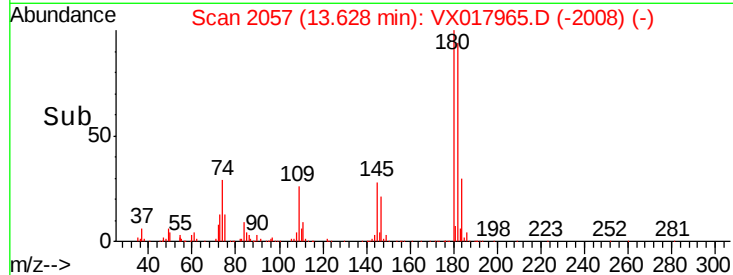
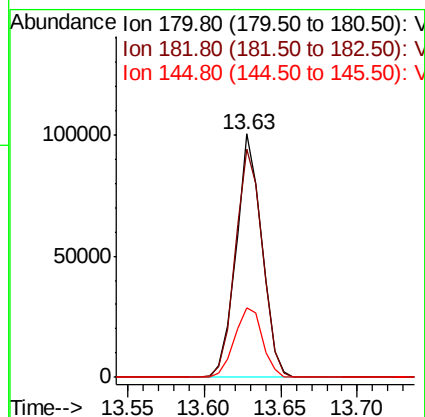
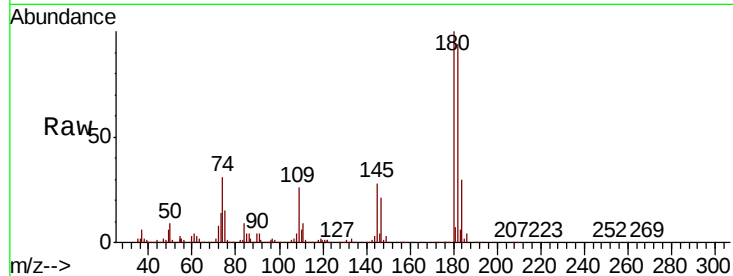




#93
 1,2,4-Trichlorobenzene
 Concen: 15.965 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

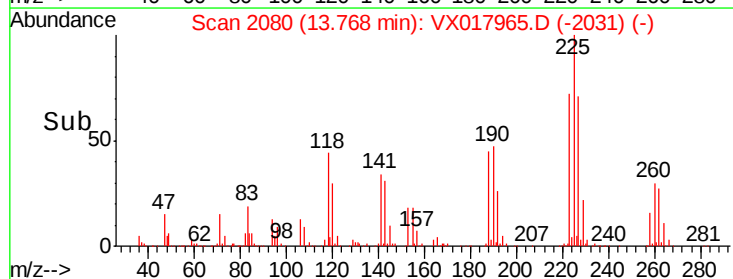
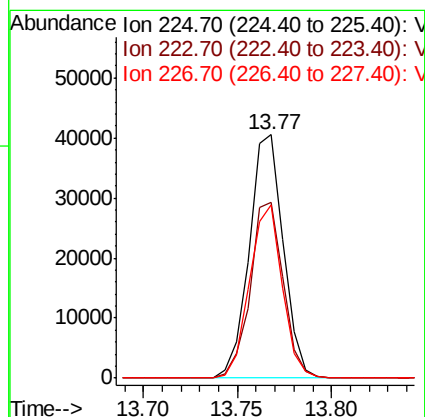
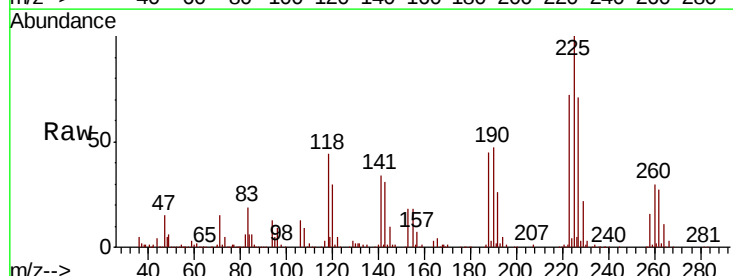
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

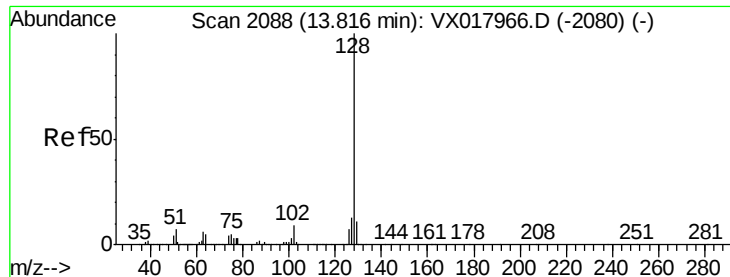
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.8	146.4
145	30.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 15.091 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017965.D
 Acq: 18 Aug 2020 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.2	32.1	96.3
227	68.3	29.8	89.5





#95

Naphthalene

Concen: 16.850 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

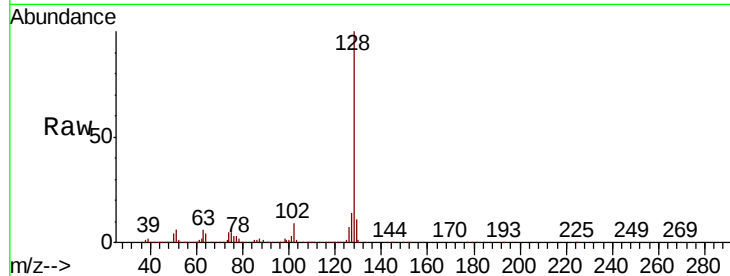
Tot Ion:128 Resp: 371659

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

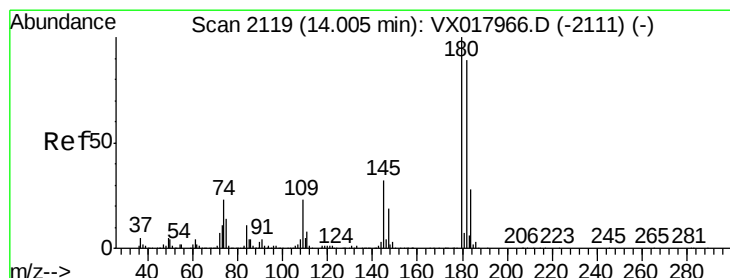
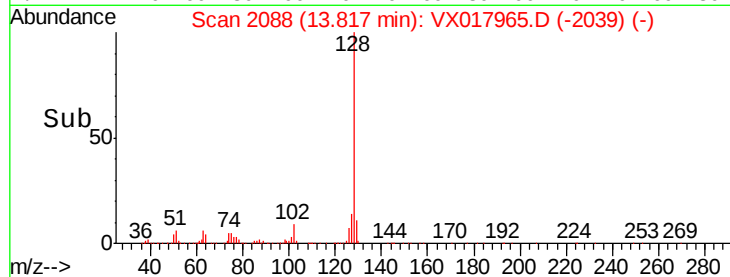
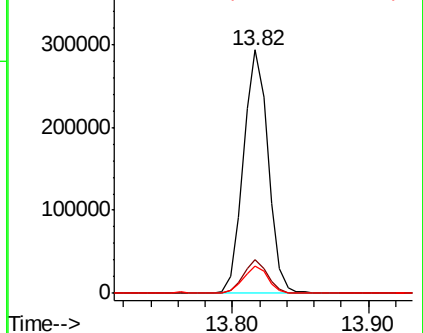
129 11.3 8.6 13.0



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: 16.464 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017965.D

Acq: 18 Aug 2020 18:35

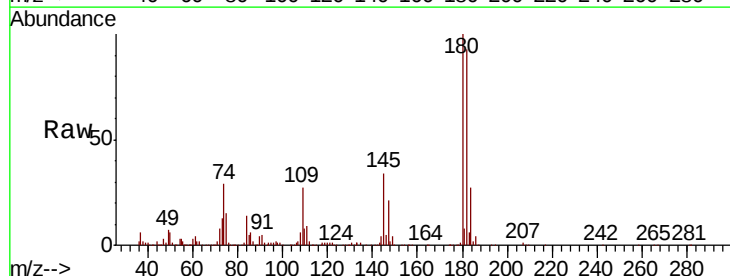
Tgt Ion:180 Resp: 120646

Ion Ratio Lower Upper

180 100

182 98.7 46.6 139.8

145 34.0 16.8 50.4



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

