

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018045.D
 Acq On : 20 Aug 2020 20:31
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 21 02:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	584807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	951148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	936673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459548	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	809137	103.52	ug/l	0.00
Spiked Amount			Recovery	=	207.04%	
35) Dibromofluoromethane	5.46	113	651303	105.78	ug/l	0.00
Spiked Amount			Recovery	=	211.56%	
50) Toluene-d8	8.70	98	2408277	102.31	ug/l	0.00
Spiked Amount			Recovery	=	204.62%	
62) 4-Bromofluorobenzene	11.12	95	970036	107.58	ug/l	0.00
Spiked Amount			Recovery	=	215.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	744580	116.478	ug/l	96
3) Chloromethane	1.31	50	764142	105.599	ug/l	98
4) Vinyl Chloride	1.39	62	762760	99.420	ug/l	100
5) Bromomethane	1.62	94	362854	94.129	ug/l	99
6) Chloroethane	1.70	64	413310	90.616	ug/l	98
7) Trichlorofluoromethane	1.91	101	1021610	101.057	ug/l	96
8) Diethyl Ether	2.17	74	347816	84.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	533966	92.773	ug/l	98
10) Methyl Iodide	2.49	142	643118	88.289	ug/l	99
11) Tert butyl alcohol	3.03	59	800284	428.347	ug/l	98
12) 1,1-Dichloroethene	2.35	96	556881	92.590	ug/l	99
13) Acrolein	2.28	56	344157	310.499	ug/l	99
14) Allyl chloride	2.70	41	1059496	95.878	ug/l	100
15) Acrylonitrile	3.12	53	1840150	464.269	ug/l	100
16) Acetone	2.42	43	1556655	461.970	ug/l	96
17) Carbon Disulfide	2.54	76	1644187	80.700	ug/l	99
18) Methyl Acetate	2.75	43	784085	94.179	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2026272	97.666	ug/l	98
20) Methylene Chloride	2.83	84	654307	92.656	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	624179	92.816	ug/l	99
22) Diisopropyl ether	3.83	45	2069195	98.626	ug/l	99
23) Vinyl Acetate	3.79	43	9511163	514.548	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1171066	99.624	ug/l	100
25) 2-Butanone	4.64	43	2669440	489.174	ug/l	99
26) 2,2-Dichloropropane	4.55	77	920196	87.335	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	724029	98.327	ug/l	99
28) Bromochloromethane	4.98	49	538986	99.714	ug/l	100
29) Tetrahydrofuran	5.10	42	1737834	481.128	ug/l	100
30) Chloroform	5.18	83	1198079	101.967	ug/l	97
31) Cyclohexane	5.55	56	986909	94.125	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1106213	103.448	ug/l	100
36) 1,1-Dichloropropene	5.77	75	889663	95.324	ug/l	100
37) Ethyl Acetate	4.80	43	1048424	97.840	ug/l	99
38) Carbon Tetrachloride	5.76	117	1006596	104.663	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	990200	89.581	ug/l	99
40) Benzene	6.12	78	2642364	97.199	ug/l	98
41) Methacrylonitrile	5.01	41	569637	98.297	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1005639	101.648	ug/l	100
43) Isopropyl Acetate	6.42	43	1734263	100.766	ug/l	99
44) Trichloroethene	7.19	130	741301	78.881	ug/l	99
45) 1,2-Dichloropropane	7.49	63	712077	102.470	ug/l	97
46) Dibromomethane	7.64	93	498301	105.071	ug/l	100
47) Bromodichloromethane	7.88	83	1011632	105.001	ug/l	98
48) Methyl methacrylate	7.75	41	885588	107.878	ug/l	99
49) 1,4-Dioxane	7.71	88	298978	1569.481	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5456799	518.015	ug/l	99
52) Toluene	8.77	92	1672789	98.490	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1177731	103.373	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	1204402	101.250	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	709585	105.010	ug/l	98
56) Ethyl methacrylate	9.16	69	1159866	106.658	ug/l	100
57) 1,3-Dichloropropane	9.35	76	1204310	102.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2509667	445.057	ug/l	100
59) 2-Hexanone	9.48	43	4216953	510.397	ug/l	99
60) Dibromochloromethane	9.57	129	878775	116.908	ug/l	99
61) 1,2-Dibromoethane	9.65	107	792356	108.406	ug/l	99
64) Tetrachloroethene	9.32	164	645638	59.897	ug/l	94
65) Chlorobenzene	10.12	112	1921610	98.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	769302	105.576	ug/l	99
67) Ethyl Benzene	10.24	91	3311164	95.593	ug/l	100
68) m/p-Xylenes	10.34	106	2499282	192.519	ug/l	99
69) o-Xylene	10.68	106	1221376	98.056	ug/l	99
70) Styrene	10.70	104	2130286	100.492	ug/l	99
71) Bromoform	10.84	173	666295	111.739	ug/l #	99
73) Isopropylbenzene	11.01	105	3202123	96.705	ug/l	99
74) N-amyl acetate	10.88	43	1600074	102.937	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1071376	163.916	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1349243	130.265	ug/l	84
77) Bromobenzene	11.24	156	852694	99.043	ug/l	99
78) n-propylbenzene	11.35	91	3699823	96.275	ug/l	100
79) 2-Chlorotoluene	11.41	91	2238941	97.890	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2693916	96.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	407204	95.796	ug/l	98
82) 4-Chlorotoluene	11.49	91	2634019	97.658	ug/l	99
83) tert-Butylbenzene	11.76	119	2651755	107.858	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2746080	97.020	ug/l	99
85) sec-Butylbenzene	11.93	105	3040426	94.034	ug/l	100
86) p-Isopropyltoluene	12.05	119	2803855	93.412	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1511455	98.146	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1470107	94.166	ug/l	98
89) n-Butylbenzene	12.37	91	2521435	92.138	ug/l	100
90) Hexachloroethane	12.58	117	542930	103.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1421975	95.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	279630	102.258	ug/l	96

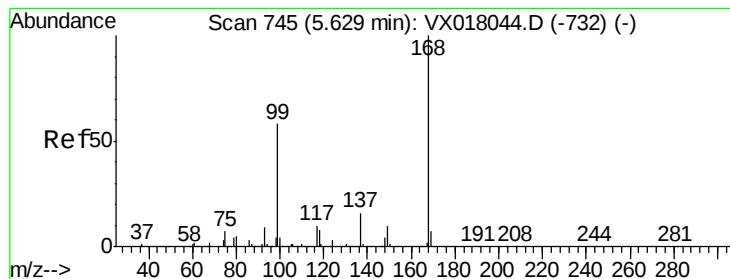
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	962379	88.607	ug/l	98
94) Hexachlorobutadiene	13.77	225	362486	73.831	ug/l	95
95) Naphthalene	13.82	128	3374923	95.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	955612	90.580	ug/l	98

(#) = 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. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

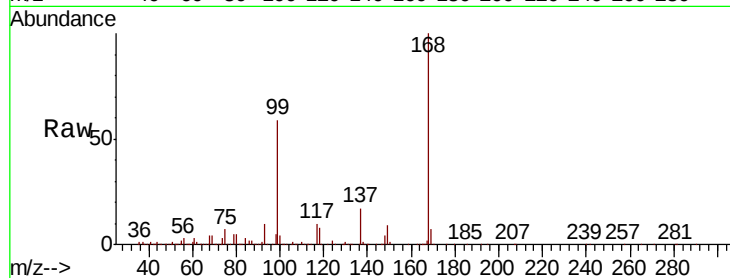
VSTDIC100

Tot Ion:168 Resp: 584807

Ion Ratio Lower Upper

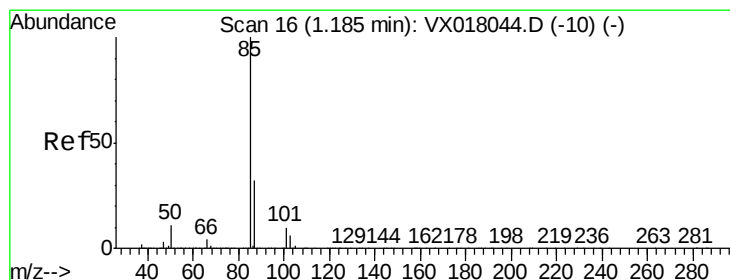
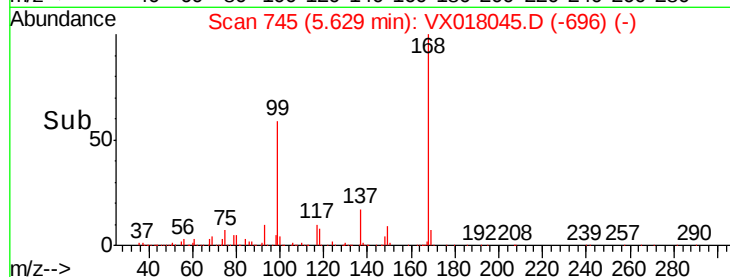
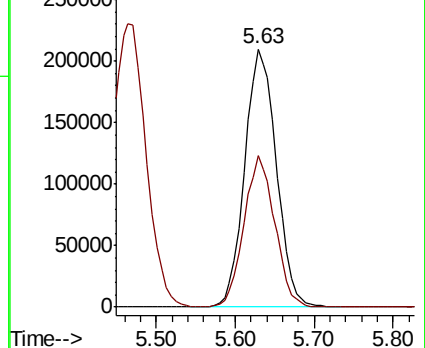
168 100

99 58.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 116.478 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018045.D

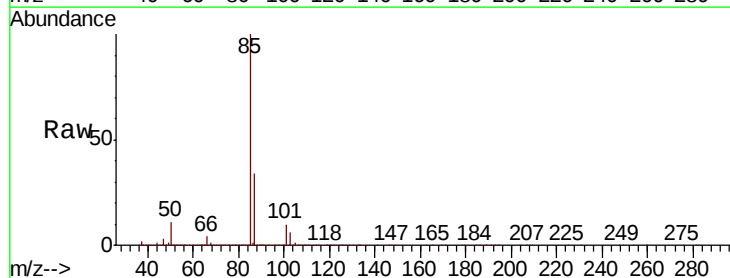
Acq: 20 Aug 2020 20:31

Tgt Ion: 85 Resp: 744580

Ion Ratio Lower Upper

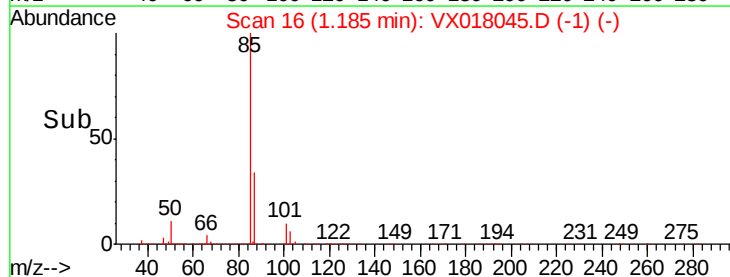
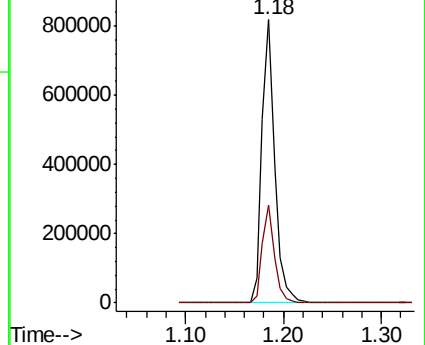
85 100

87 34.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 105.599 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

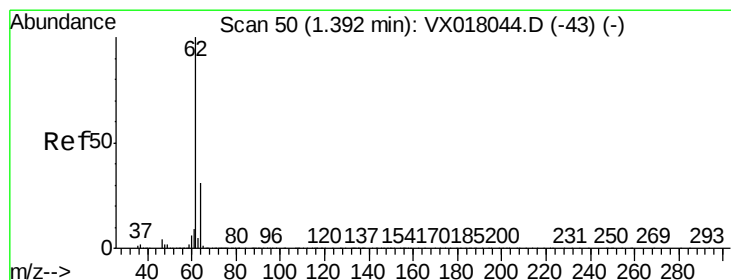
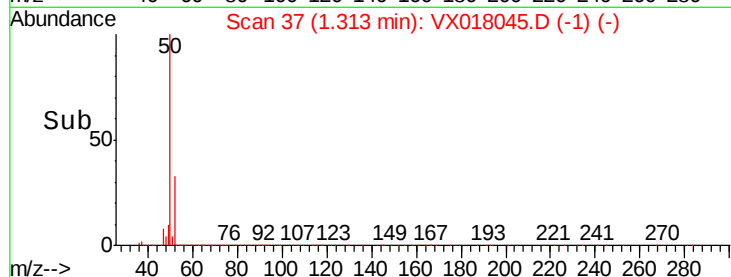
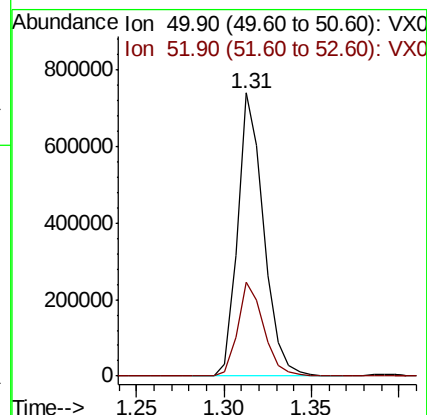
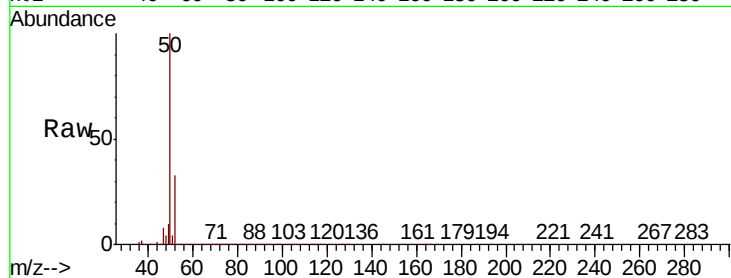
VSTDIC100

Tot Ion: 50 Resp: 764142

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 99.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018045.D

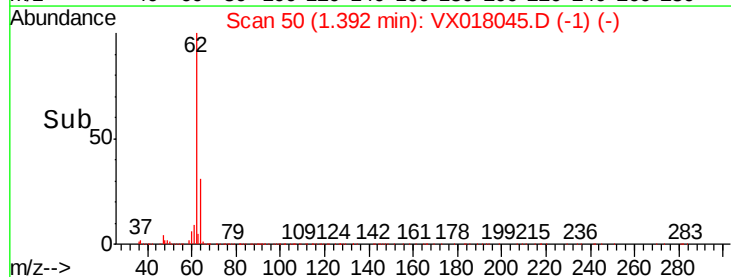
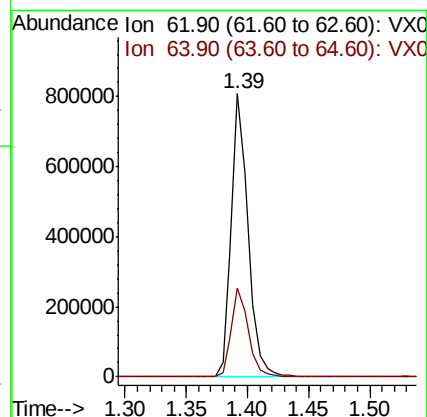
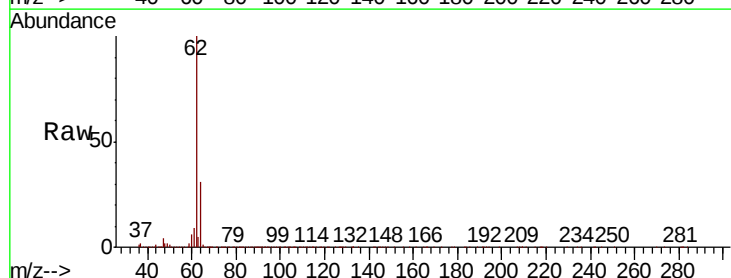
Acq: 20 Aug 2020 20:31

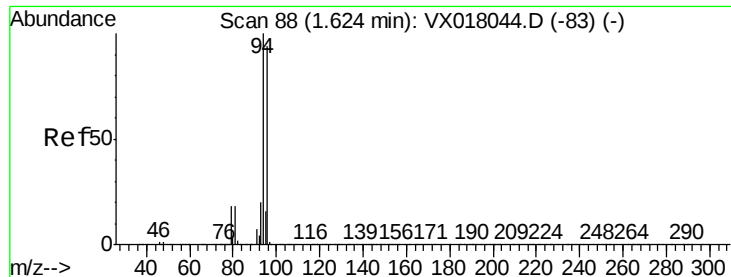
Tgt Ion: 62 Resp: 762760

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 94.129 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

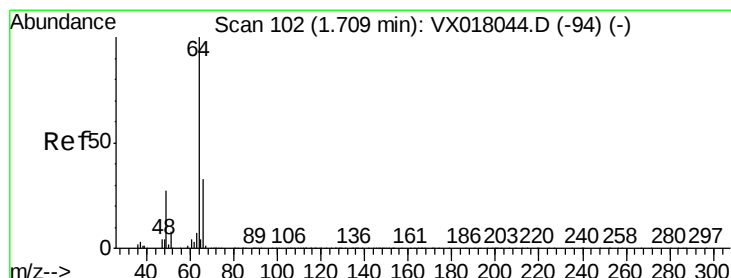
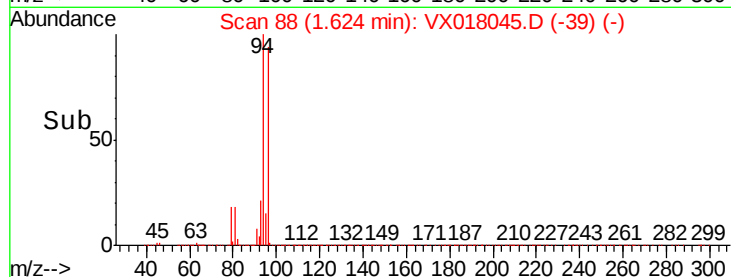
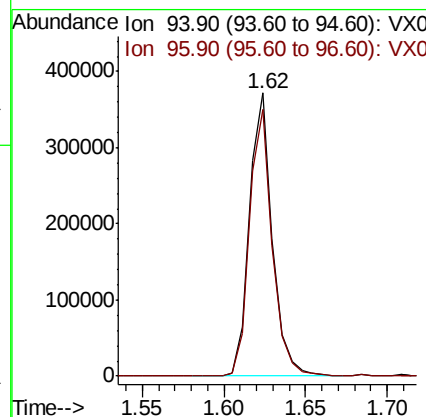
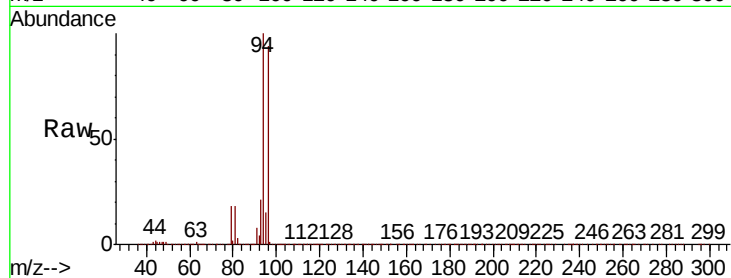
VSTDIC100

Tot Ion: 94 Resp: 362854

Ion Ratio Lower Upper

94 100

96 94.3 74.8 112.2



#6

Chloroethane

Concen: 90.616 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018045.D

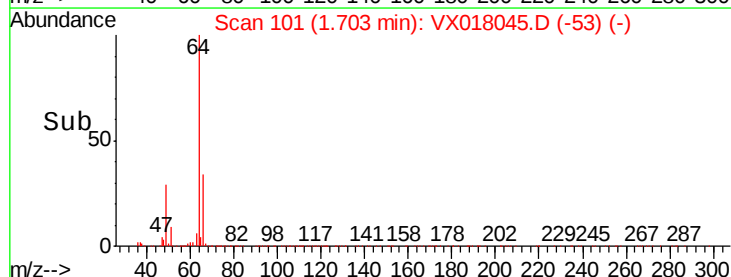
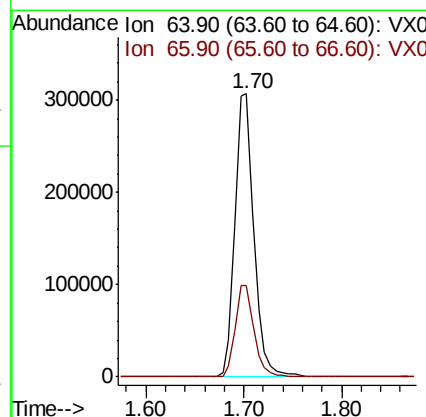
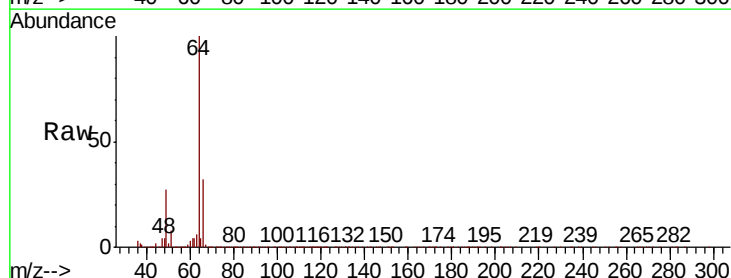
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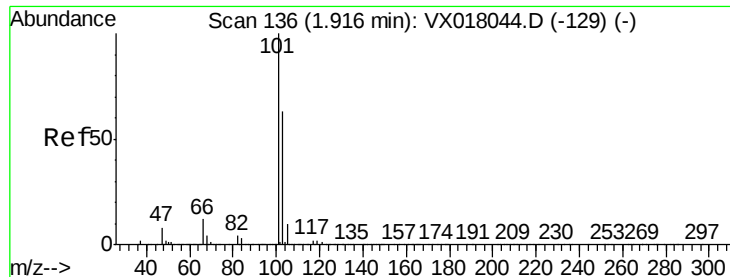
Tgt Ion: 64 Resp: 413310

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8



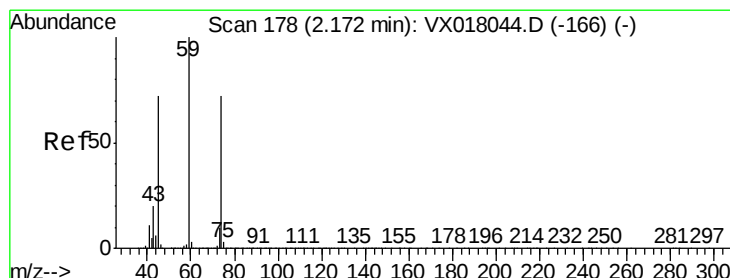
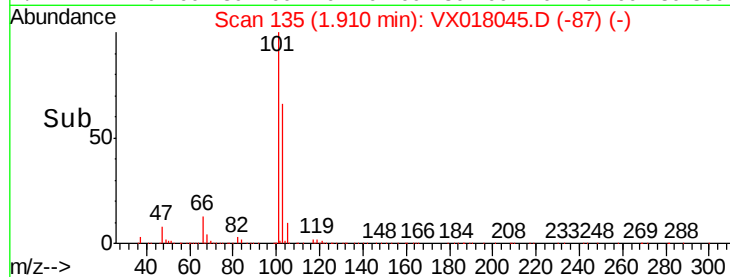
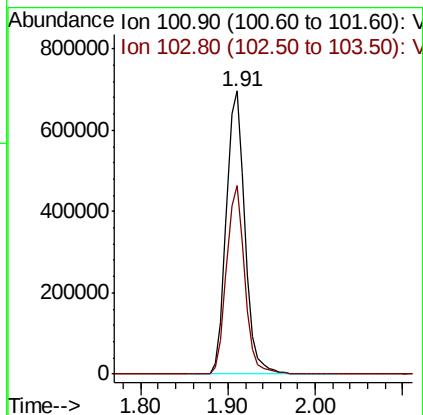
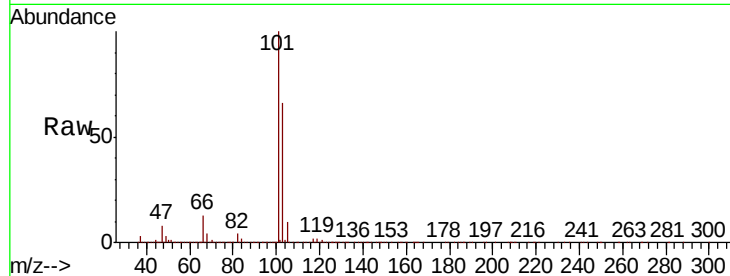


#7

Trichlorofluoromethane
 Concen: 101.057 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

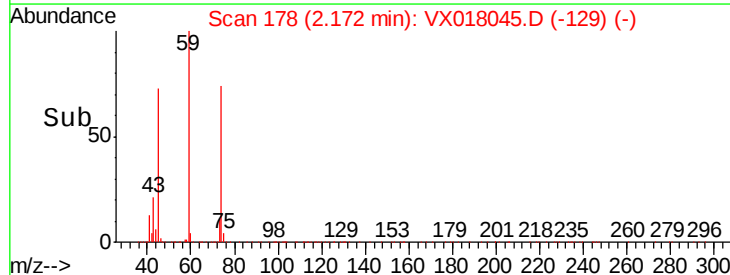
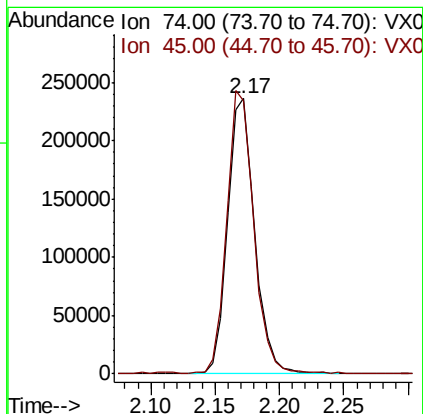
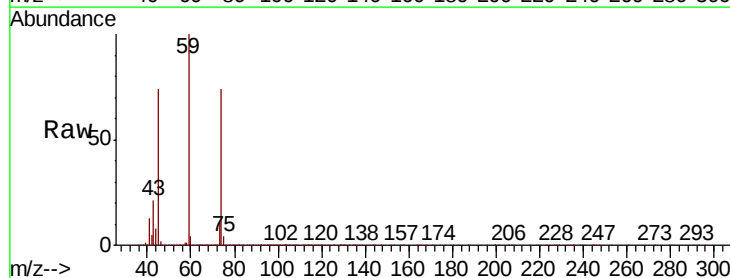
Tot Ion:101 Resp: 1021610
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.7 76.1

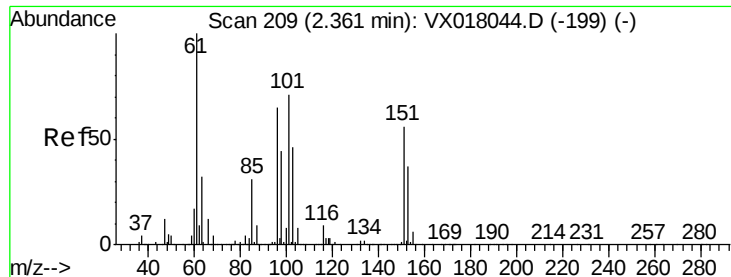


#8

Diethyl Ether
 Concen: 84.291 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 74 Resp: 347816
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.773 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

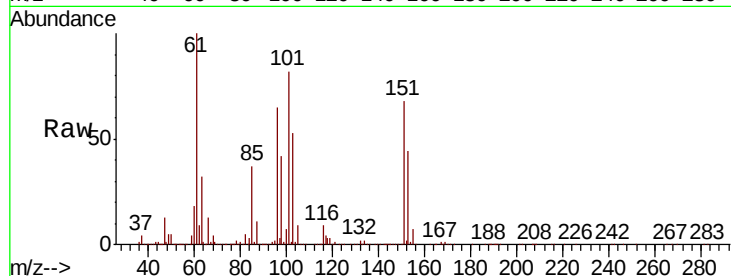
Tot Ion:101 Resp: 533966

Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

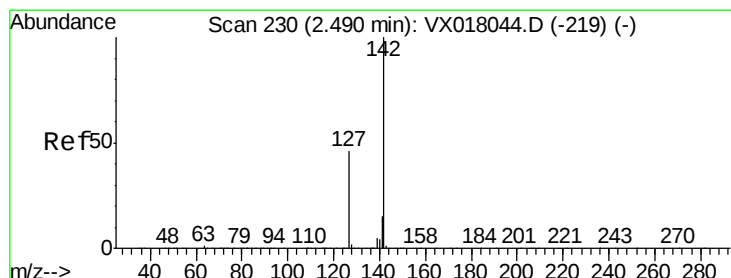
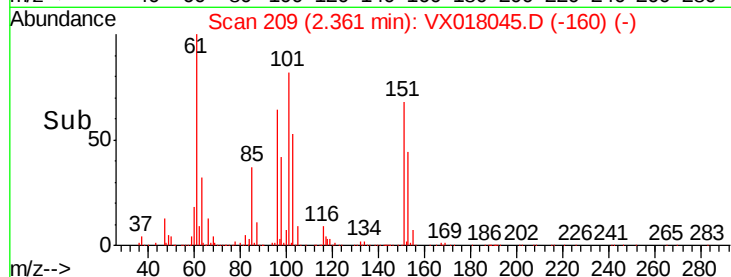
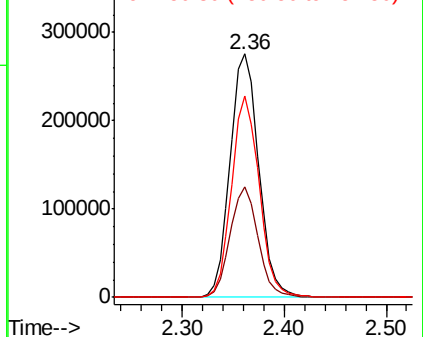
151 79.9 65.2 97.8



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: 88.289 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

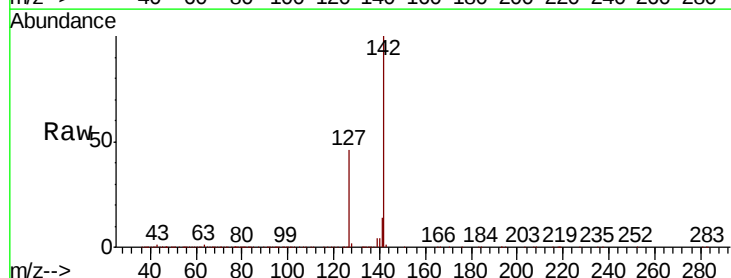
Tgt Ion:142 Resp: 643118

Ion Ratio Lower Upper

142 100

127 45.4 37.0 55.6

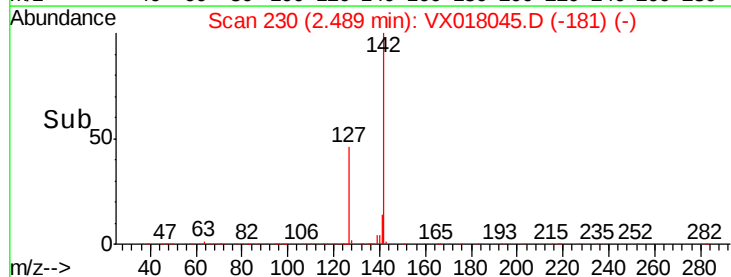
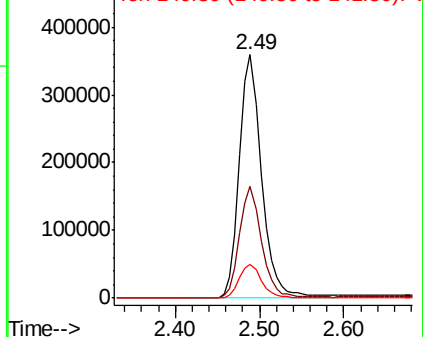
141 14.1 11.5 17.3

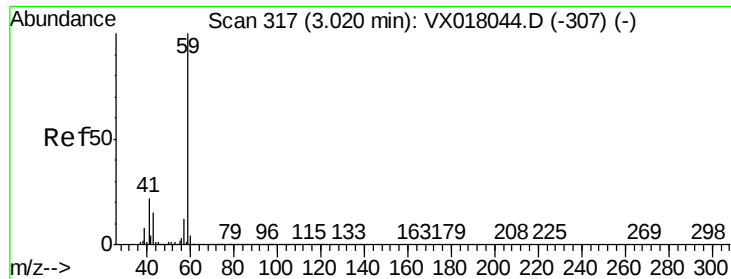


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



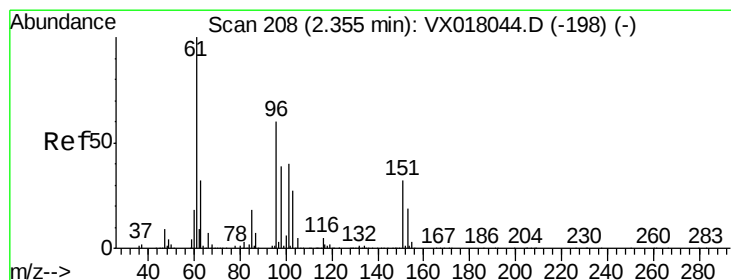
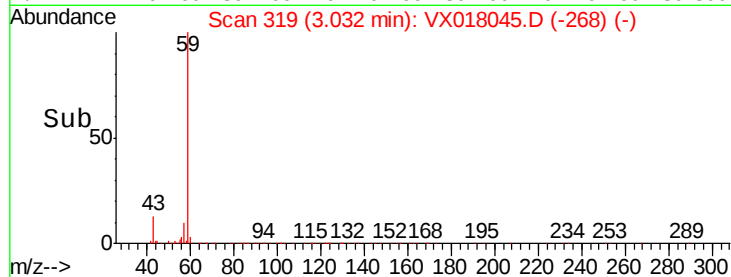
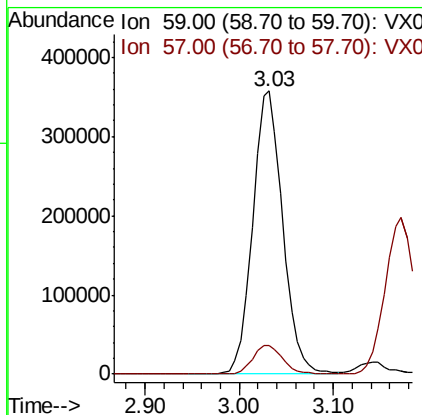
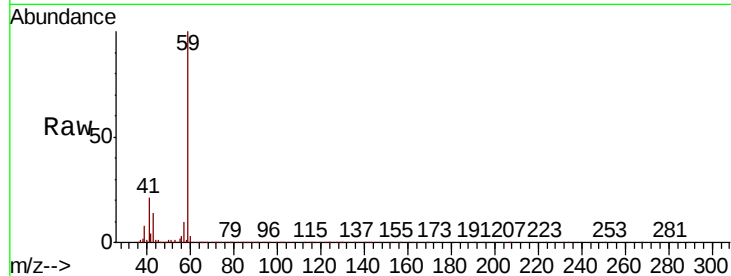


#11

Tert butyl alcohol
 Concen: 428.347 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

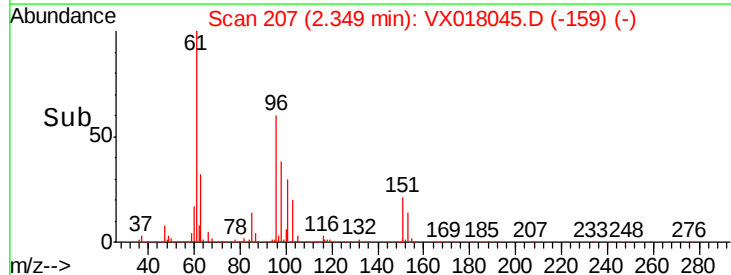
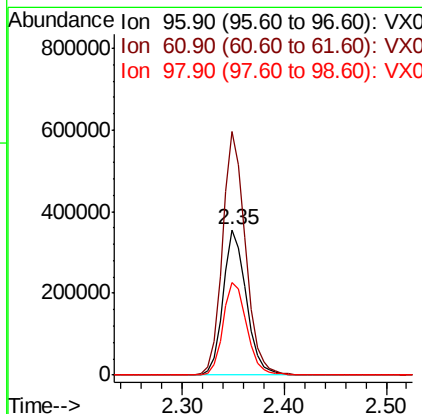
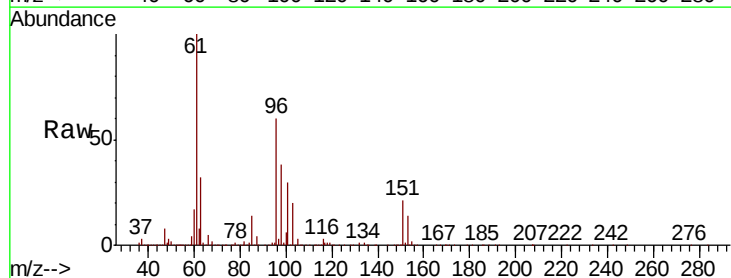
Tot Ion: 59 Resp: 800284
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3

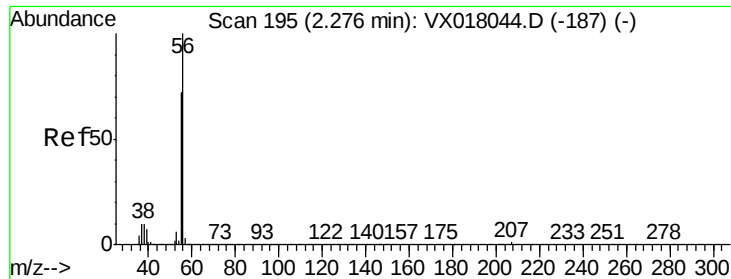


#12

1,1-Dichloroethene
 Concen: 92.590 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 96 Resp: 556881
 Ion Ratio Lower Upper
 96 100
 61 167.7 133.0 199.4
 98 63.5 51.6 77.4

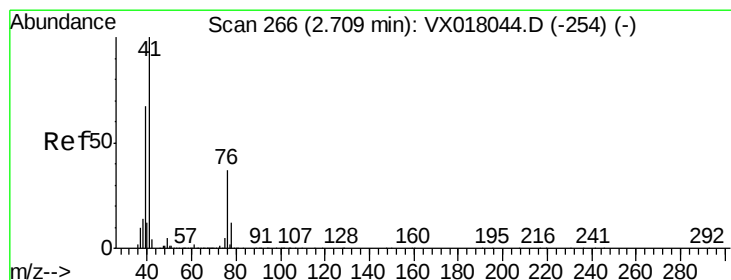
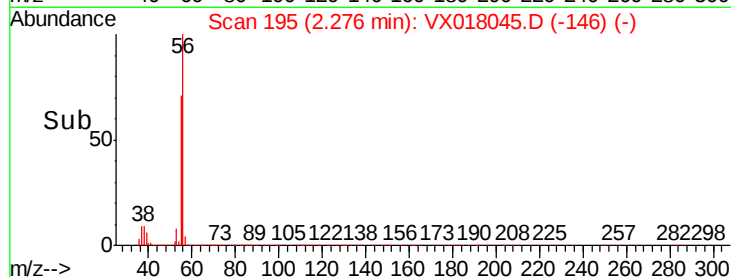
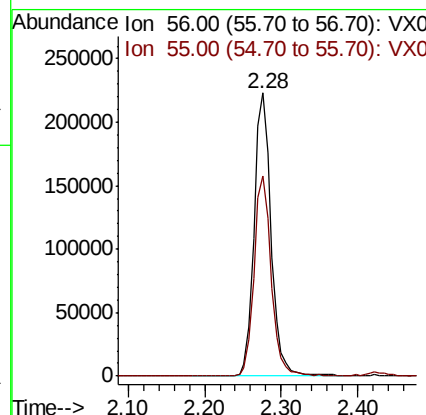
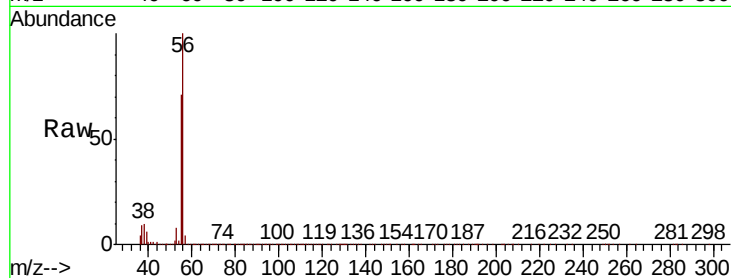




#13
Acrolein
Concen: 310.499 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

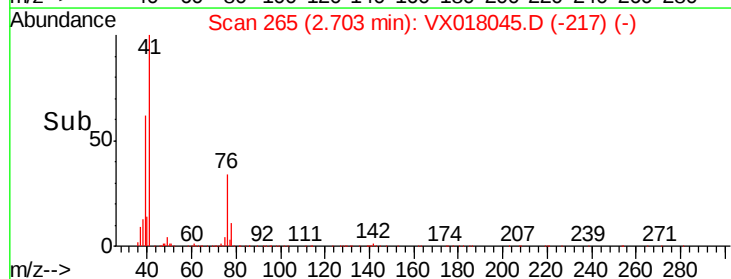
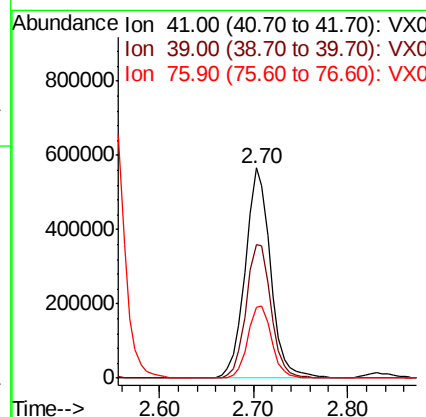
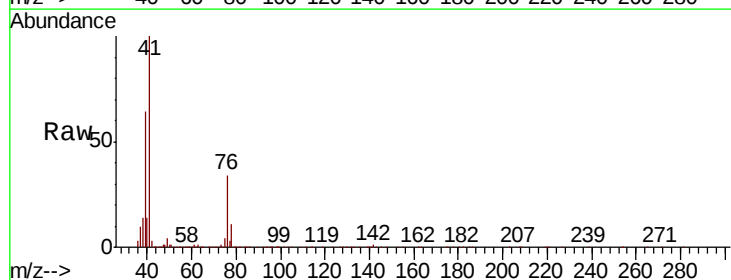
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

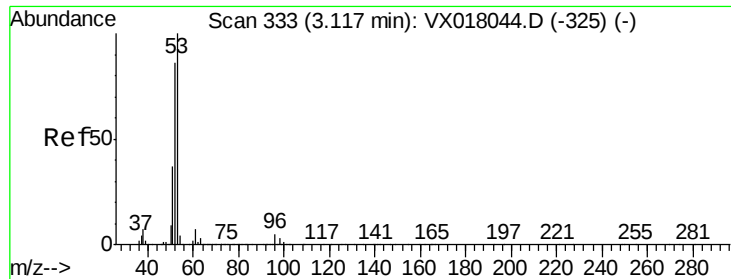
Tot Ion: 56 Resp: 344157
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.6



#14
Allyl chloride
Concen: 95.878 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 41 Resp: 1059496
Ion Ratio Lower Upper
41 100
39 63.0 50.6 76.0
76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 464.269 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

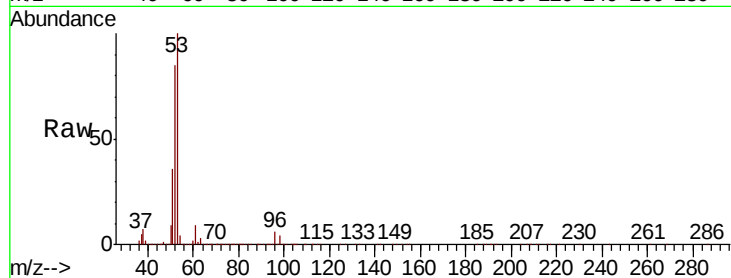
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 1840150

Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	35.9	28.7	43.1

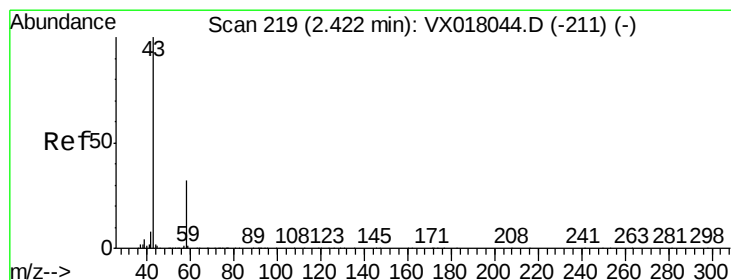
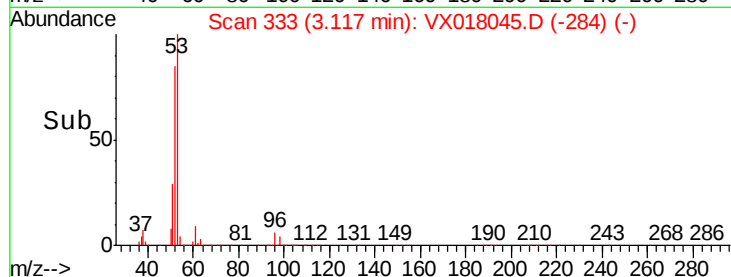
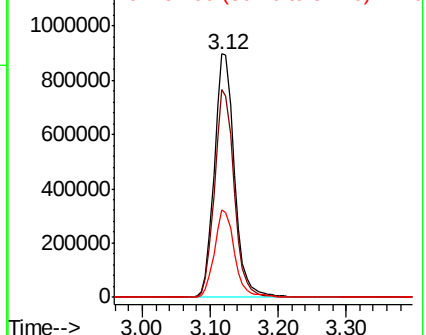


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 461.970 ug/l

RT: 2.42 min Scan# 219

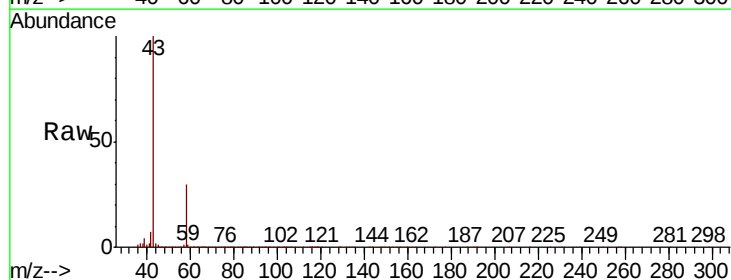
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 1556655

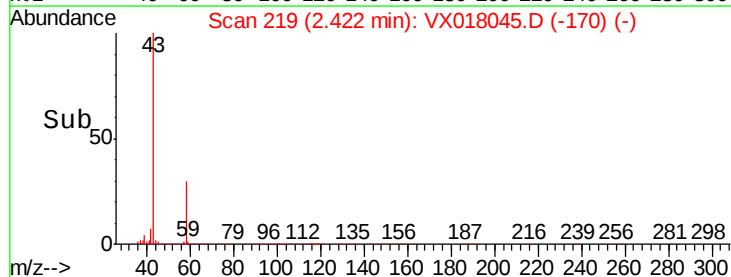
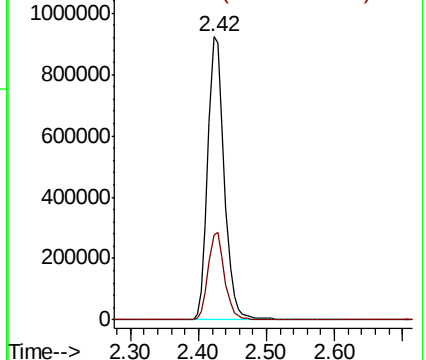
Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.5	38.3

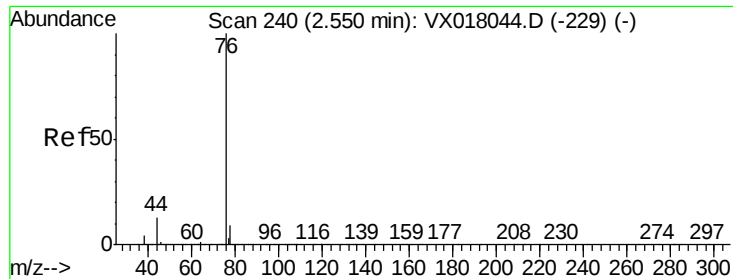


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

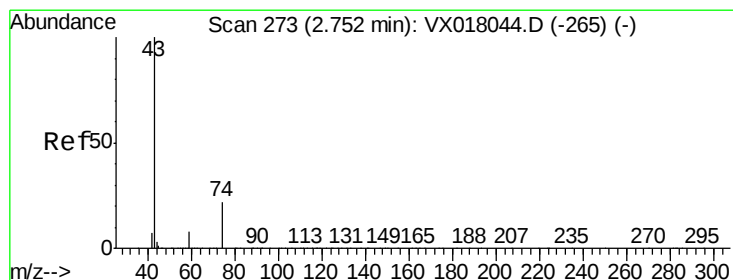
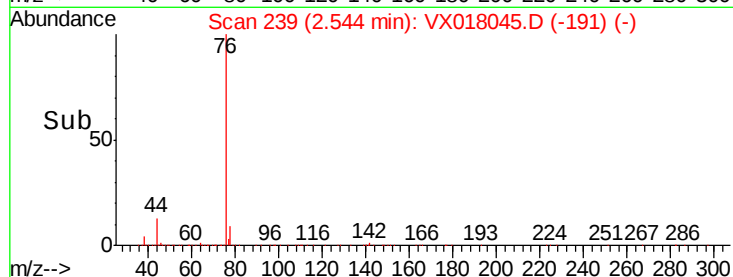
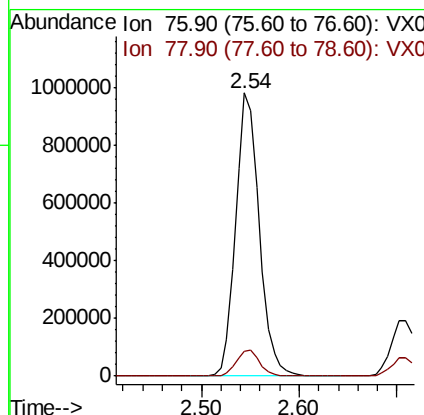
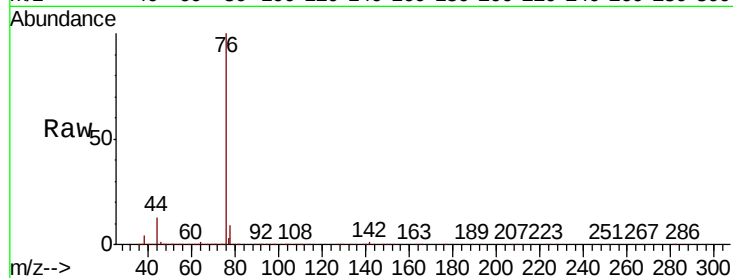




#17
Carbon Disulfide
Concen: 80.700 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

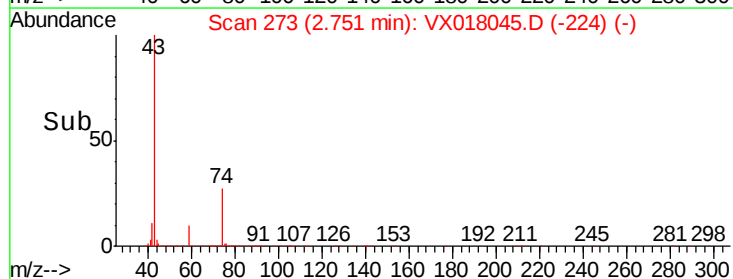
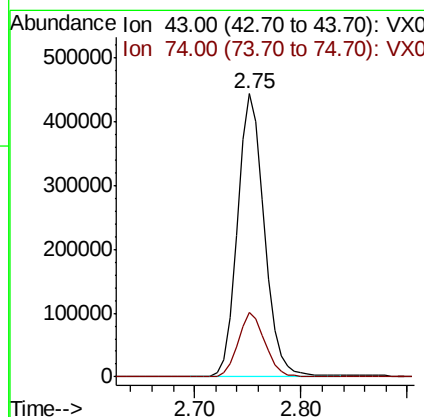
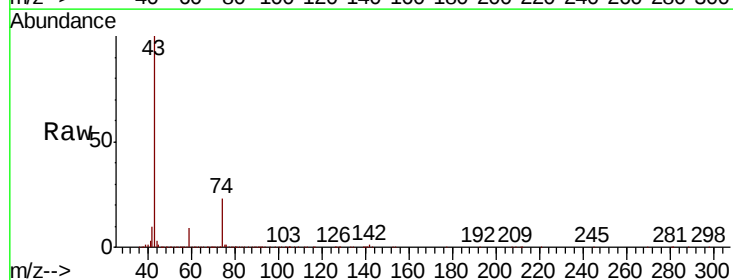
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

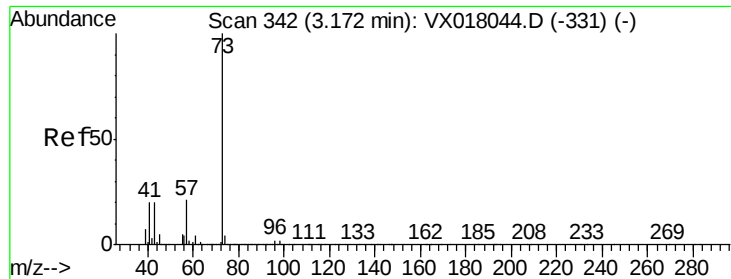
Tot Ion: 76 Resp: 1644187
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 94.179 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 784085
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4

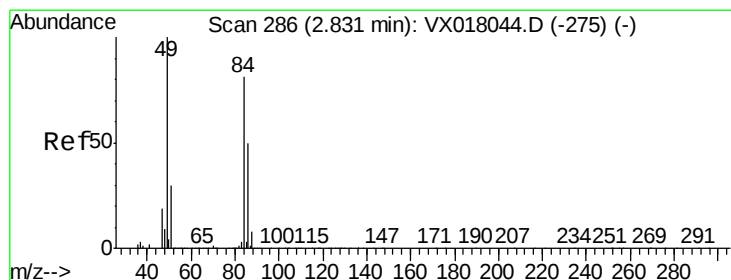
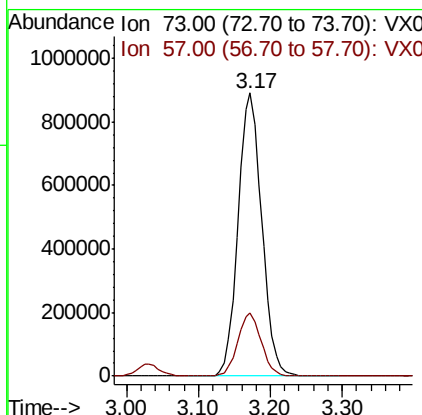
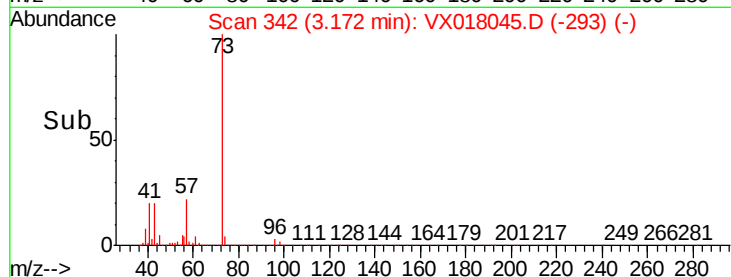
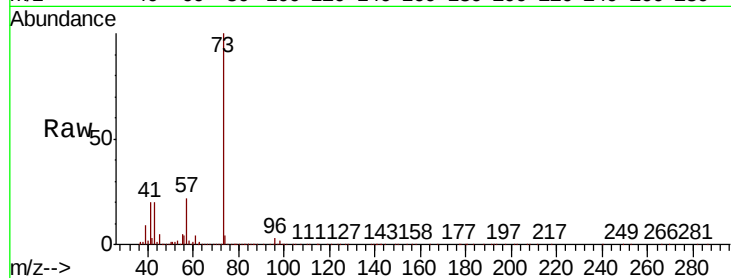




#19
Methvl tert-butvl Ether
Concen: 97.666 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

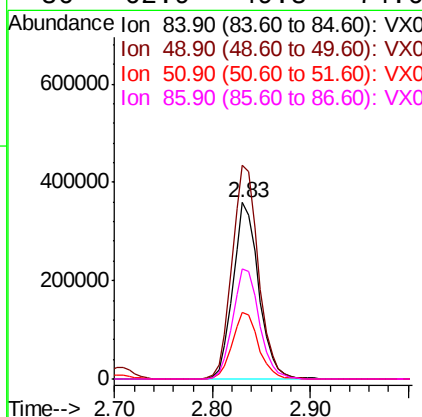
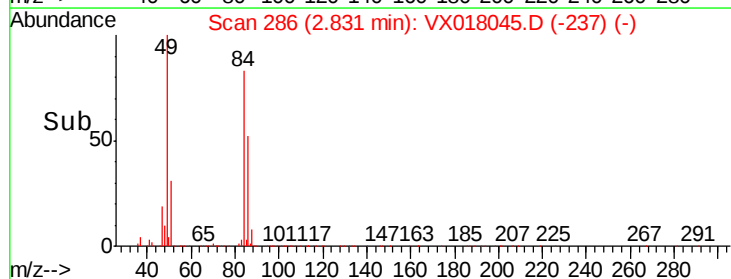
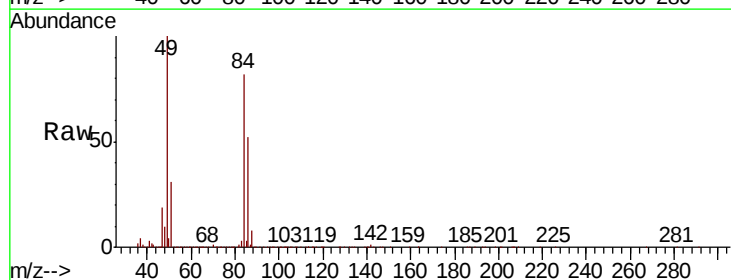
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 73 Resp: 2026272
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



#20
Methylene Chloride
Concen: 92.656 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 84 Resp: 654307
Ion Ratio Lower Upper
84 100
49 121.1 98.6 148.0
51 37.8 29.6 44.4
86 62.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 92.816 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

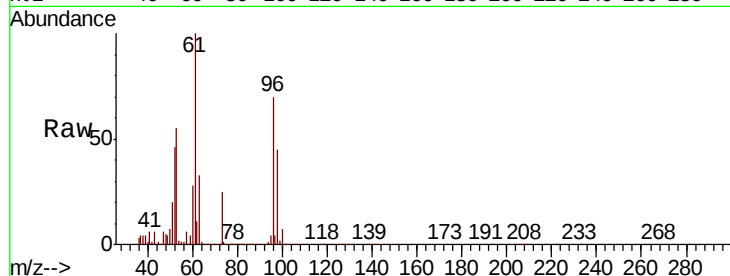
Tot Ion: 96 Resp: 624179

Ion Ratio Lower Upper

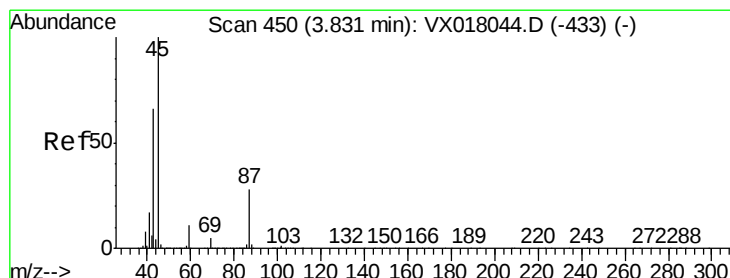
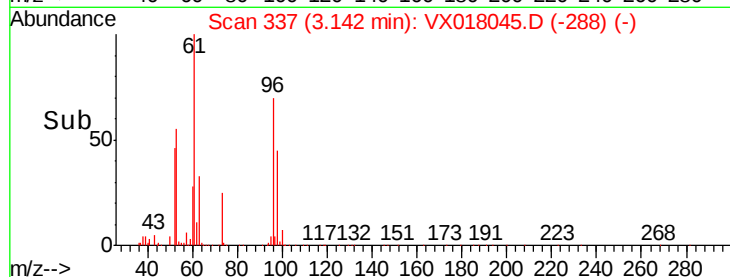
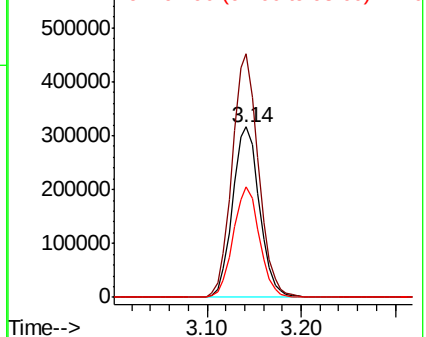
96 100

61 142.9 115.4 173.0

98 65.0 51.1 76.7



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: 98.626 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 45 Resp: 2069195

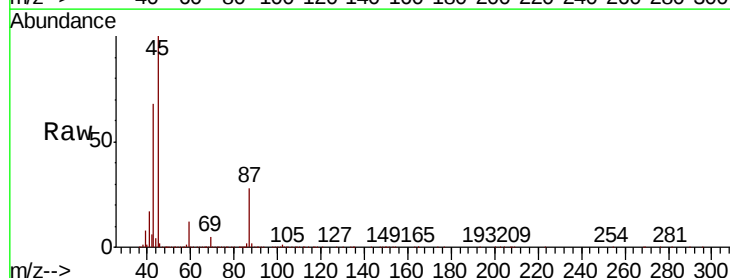
Ion Ratio Lower Upper

45 100

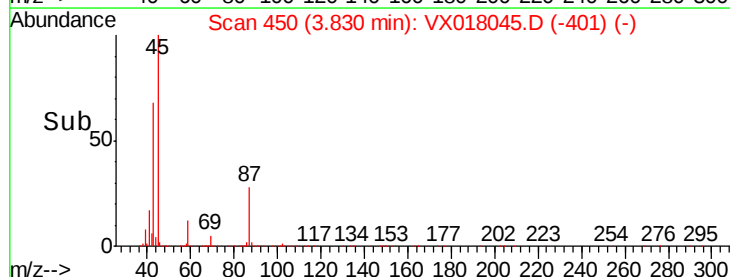
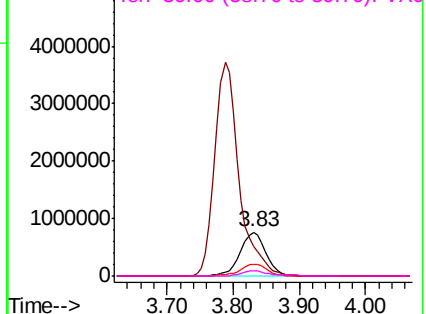
43 67.5 52.8 79.2

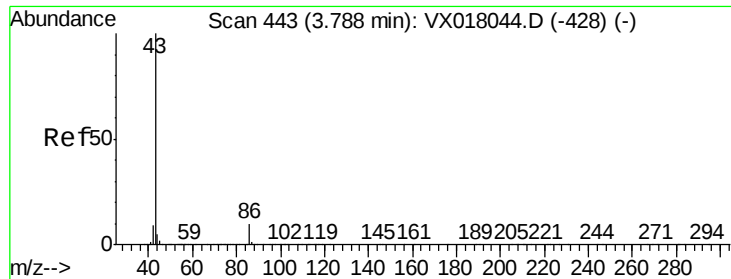
87 27.8 22.5 33.7

59 11.5 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

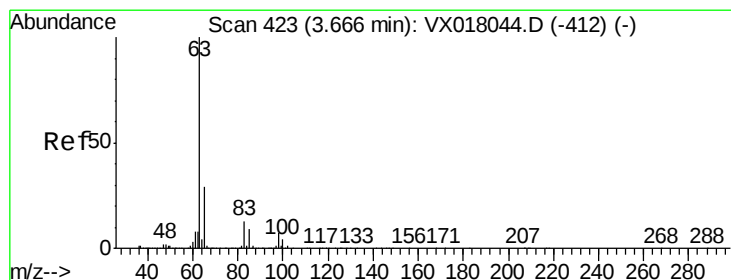
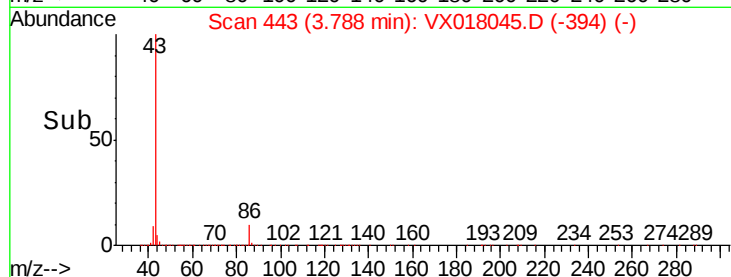
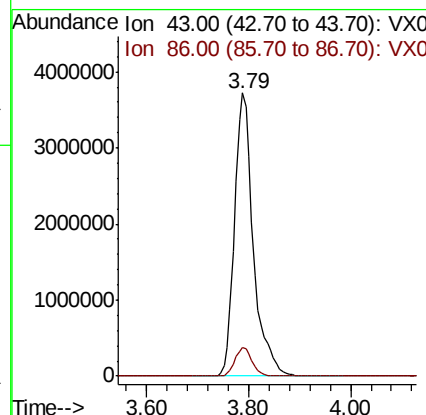
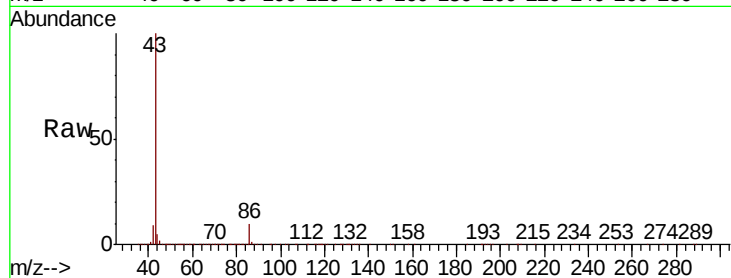




#23
 Vinyl Acetate
 Concen: 514.548 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

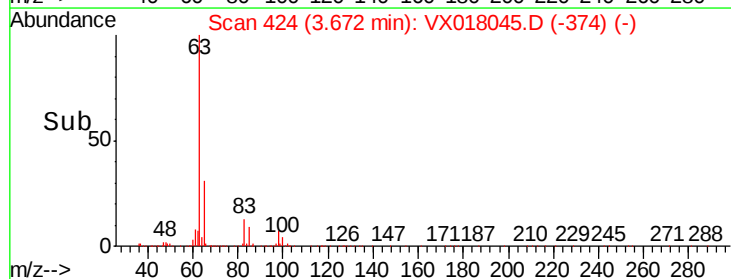
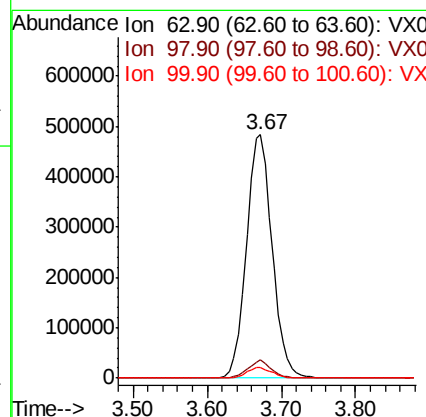
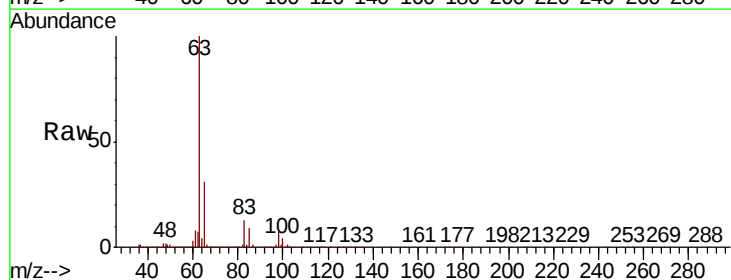
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

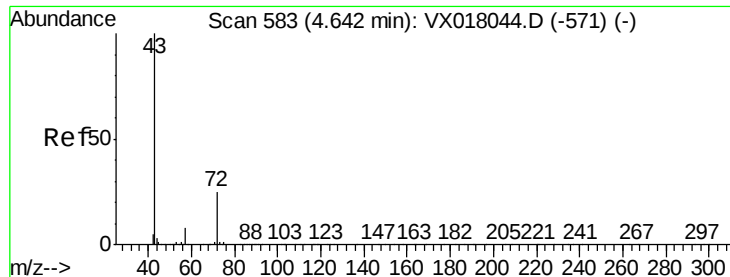
Tot Ion: 43 Resp: 9511163
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 99.624 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 63 Resp: 1171066
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 489.174 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

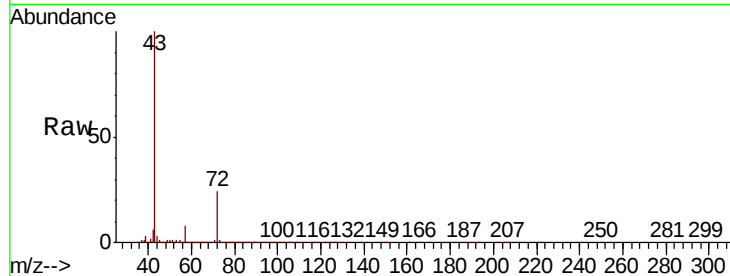
VSTDIC100

Tot Ion: 43 Resp: 2669440

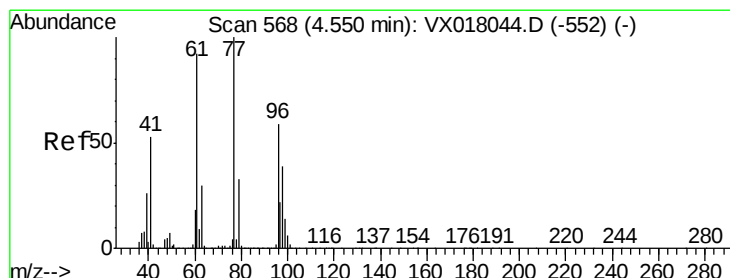
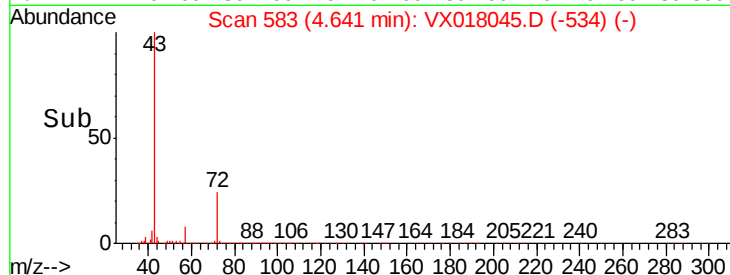
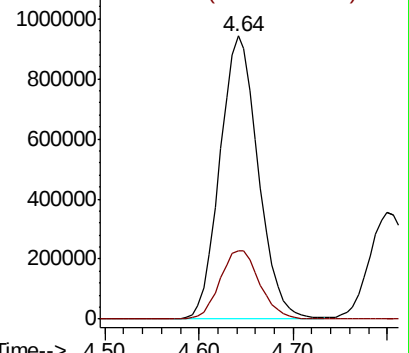
Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 87.335 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018045.D

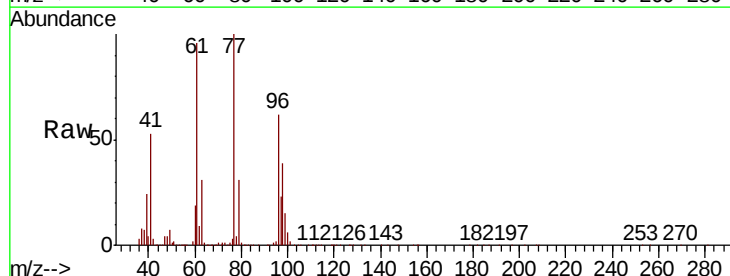
Acq: 20 Aug 2020 20:31

Tgt Ion: 77 Resp: 920196

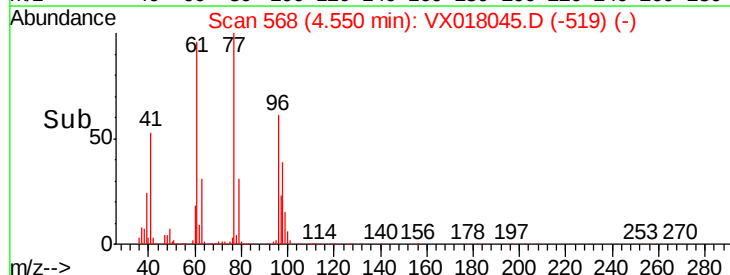
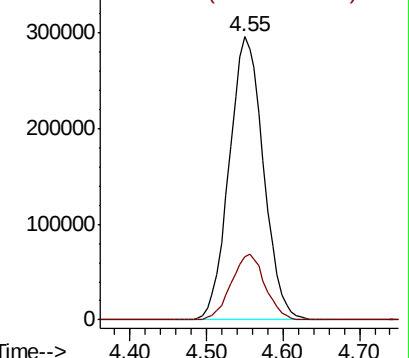
Ion Ratio Lower Upper

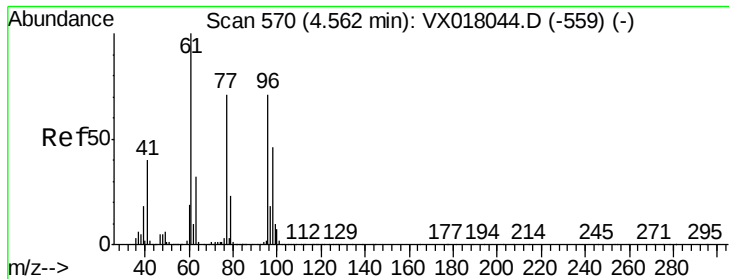
77 100

97 23.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0



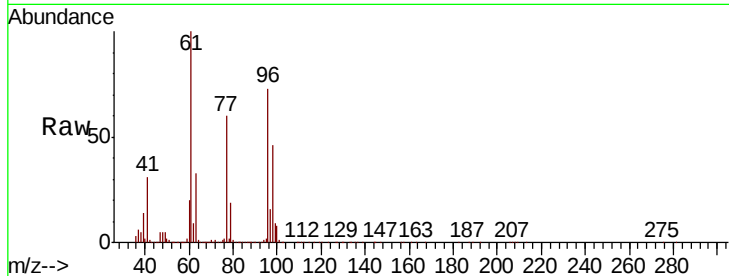


#27

cis-1,2-Dichloroethene
Concen: 98.327 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	296.6
98	65.7	0.0	130.2

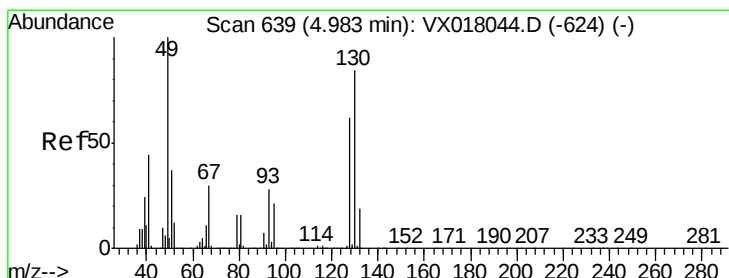
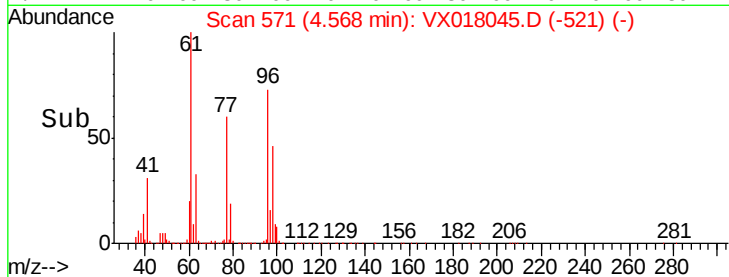
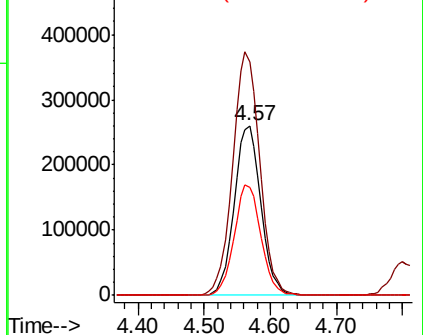


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

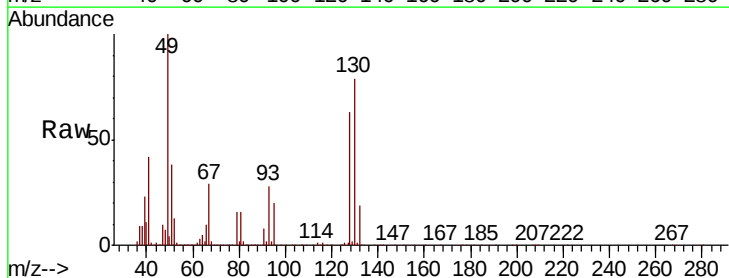
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 99.714 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	80.6	64.6	96.8

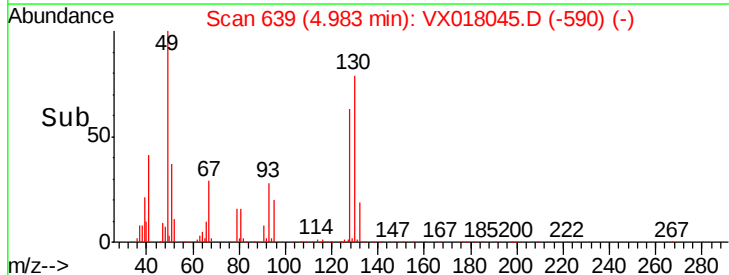
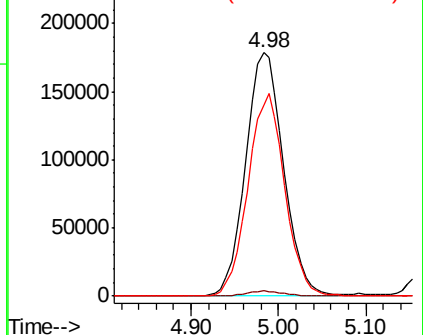


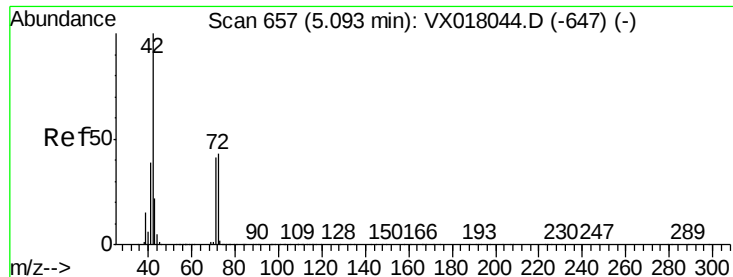
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

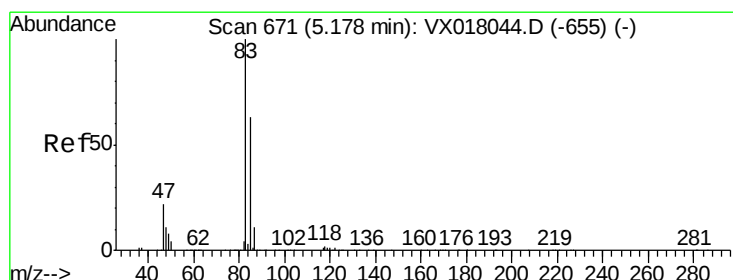
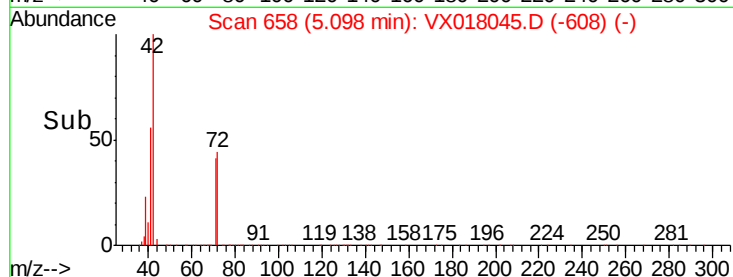
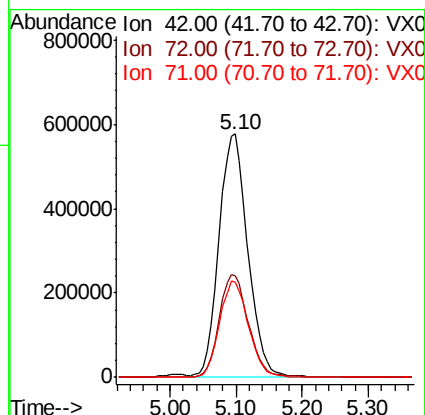
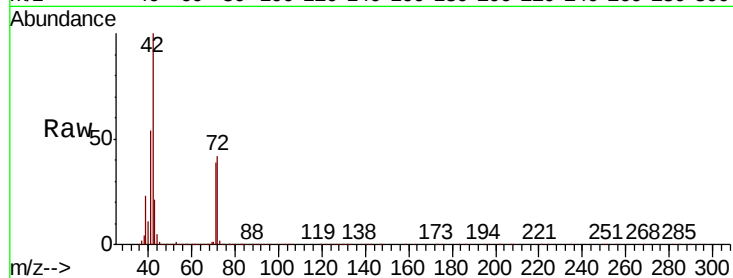




#29
Tetrahydrofuran
Concen: 481.128 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

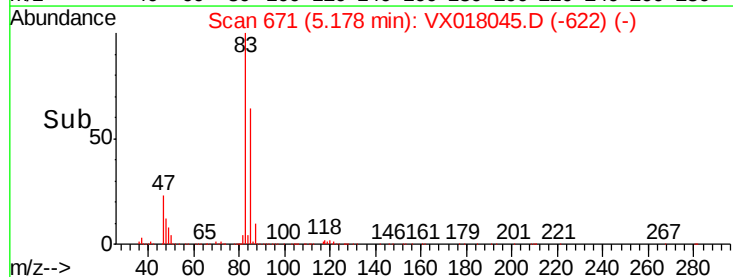
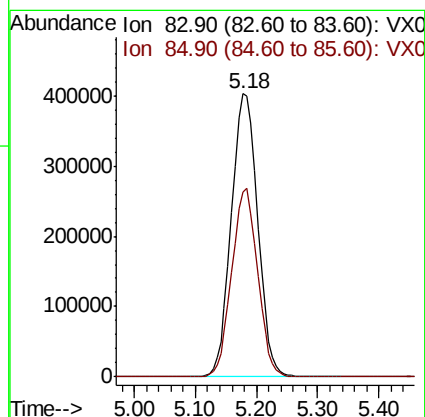
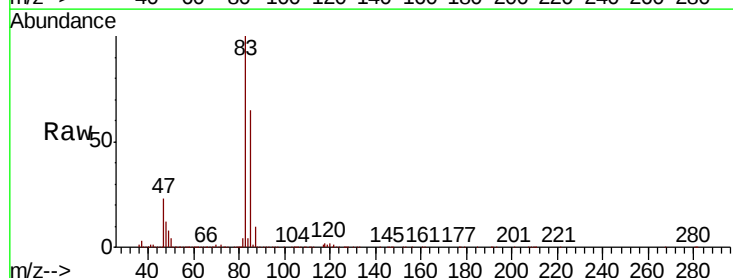
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

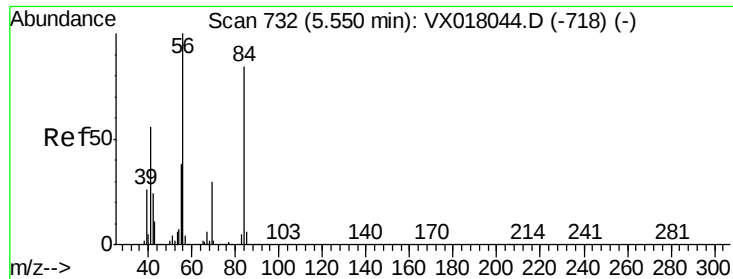
Tot Ion: 42 Resp: 1737834
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.4
71 39.8 32.1 48.1



#30
Chloroform
Concen: 101.967 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 83 Resp: 1198079
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1

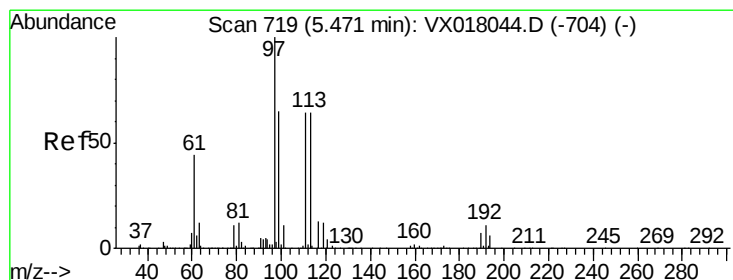
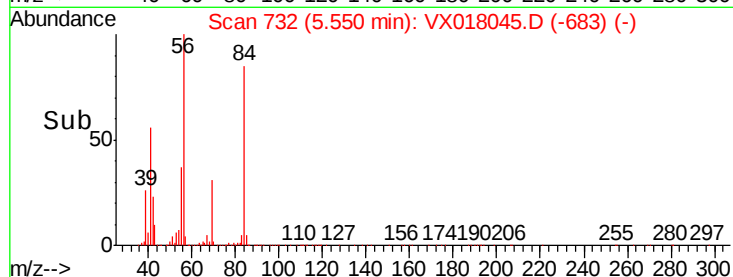
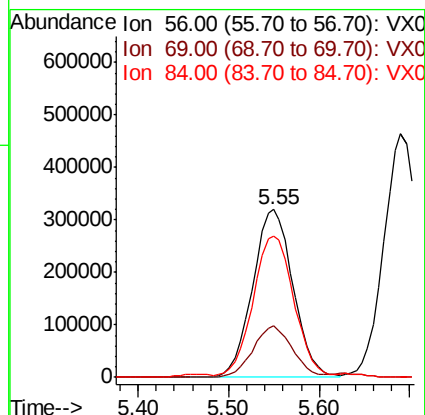
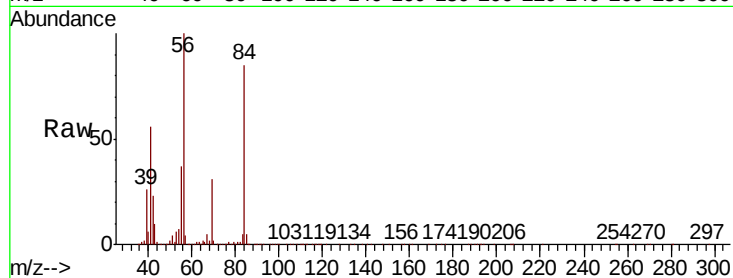




#31
Cyclohexane
Concen: 94.125 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

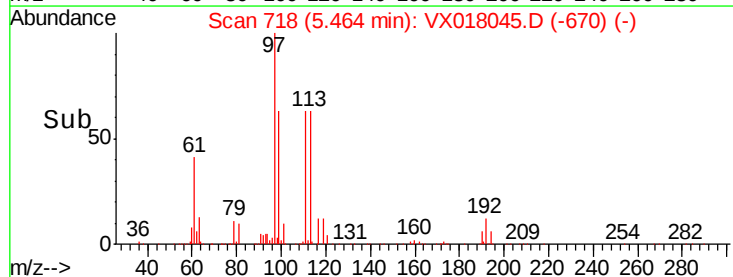
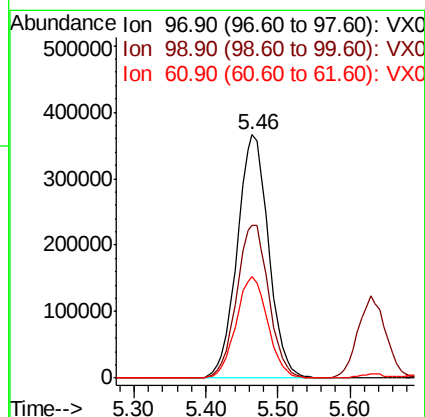
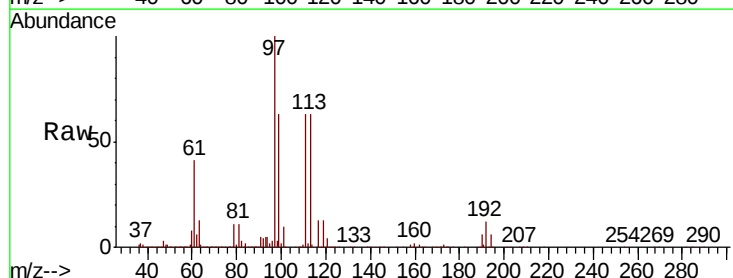
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

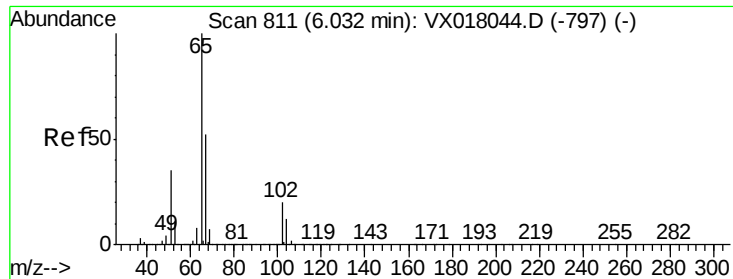
Tot Ion: 56 Resp: 986909
Ion Ratio Lower Upper
56 100
69 30.8 23.9 35.9
84 83.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 103.448 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 97 Resp: 1106213
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 103.520 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

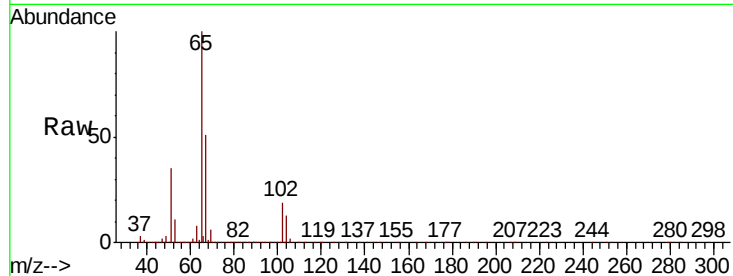
VSTDIC100

Tot Ion: 65 Resp: 809137

Ion Ratio Lower Upper

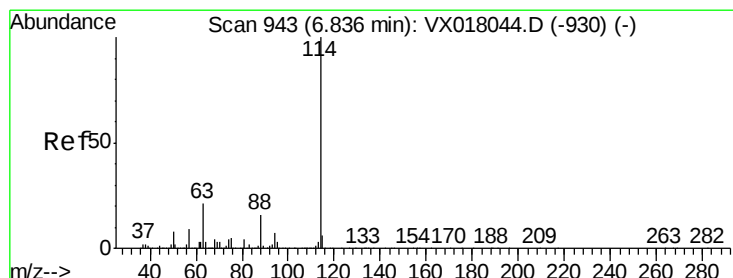
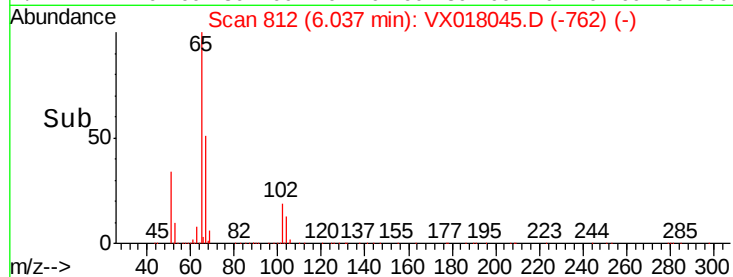
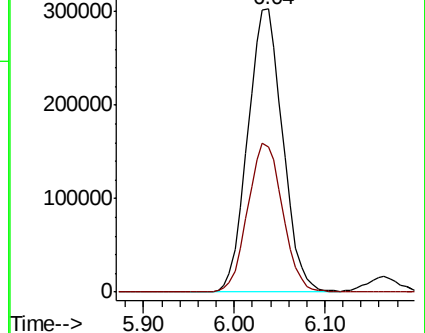
65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

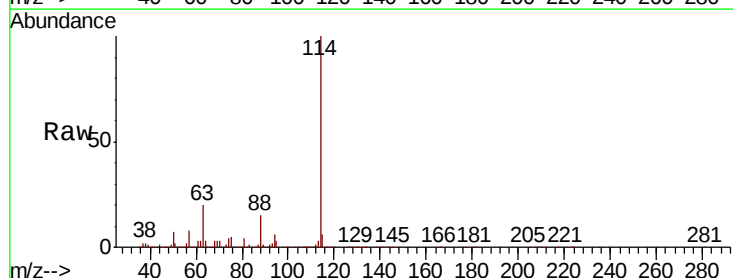
Tgt Ion: 114 Resp: 951148

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

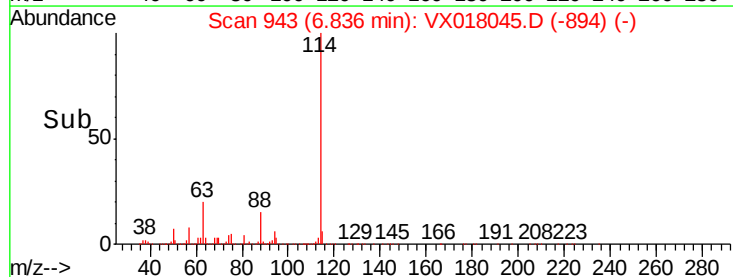
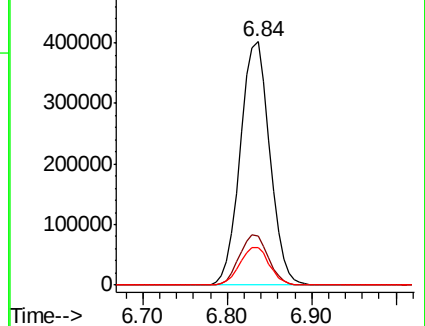
88 15.3 0.0 31.8



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

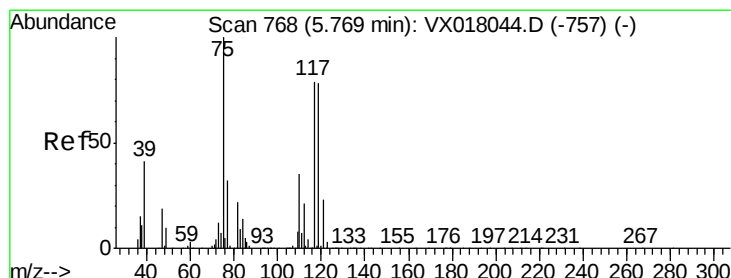
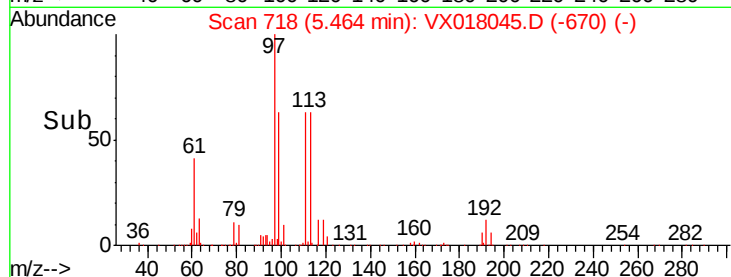
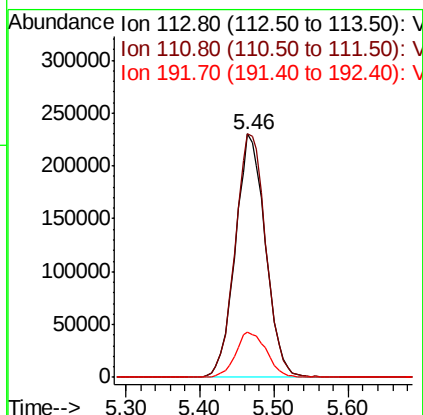
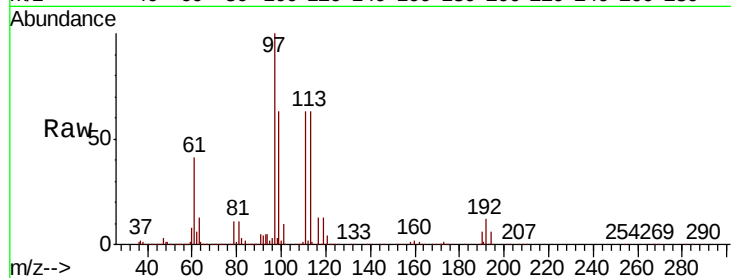




#35
 Dibromofluoromethane
 Concen: 105.781 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

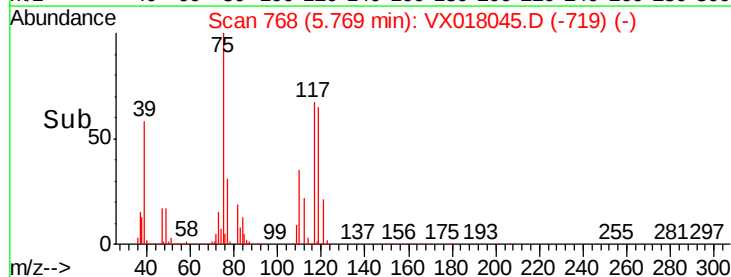
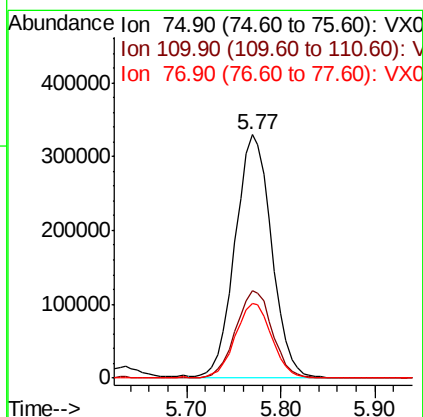
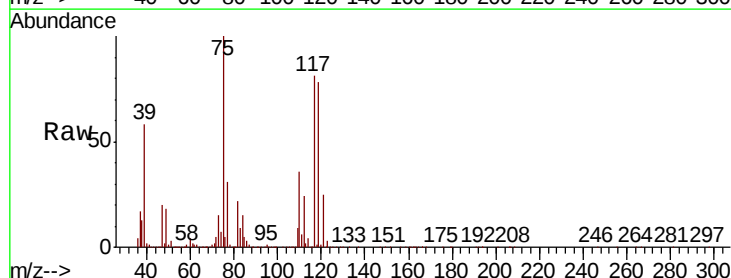
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

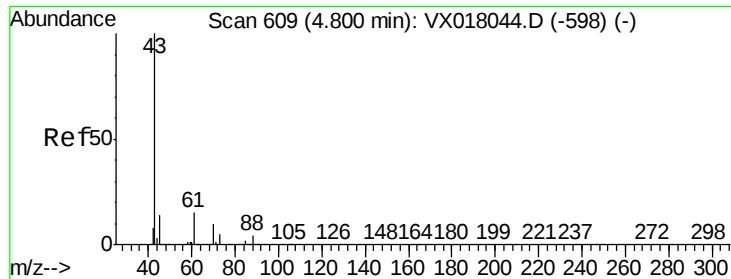
Tot Ion:113 Resp: 651303
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 19.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 95.324 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 889663
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.0 54.0
 77 30.6 24.4 36.6

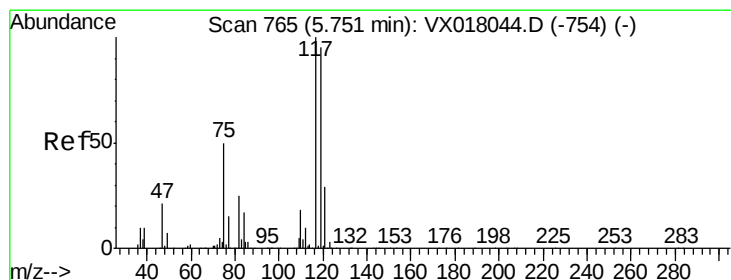
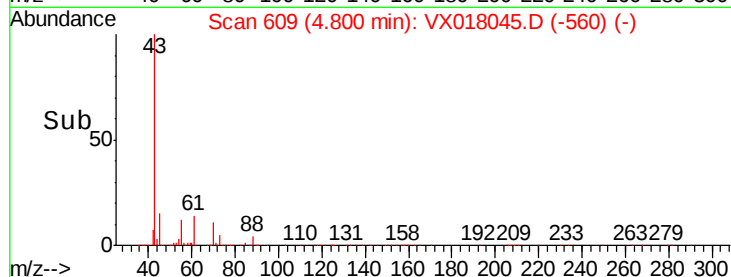
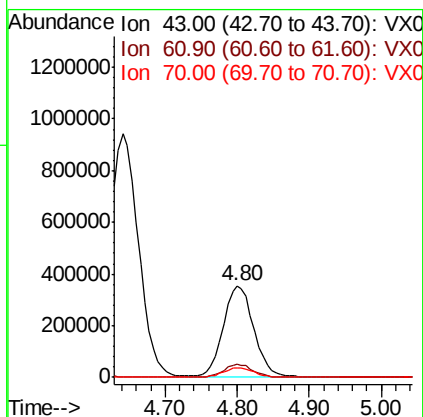
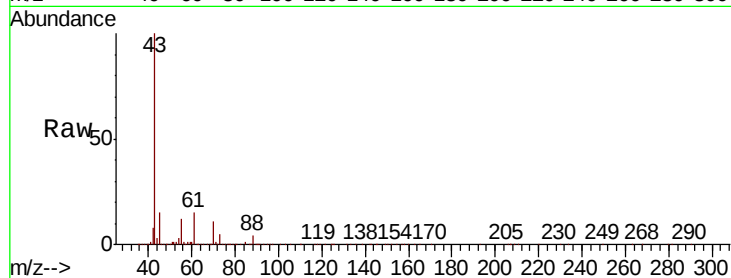




#37
Ethyl Acetate
Concen: 97.840 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

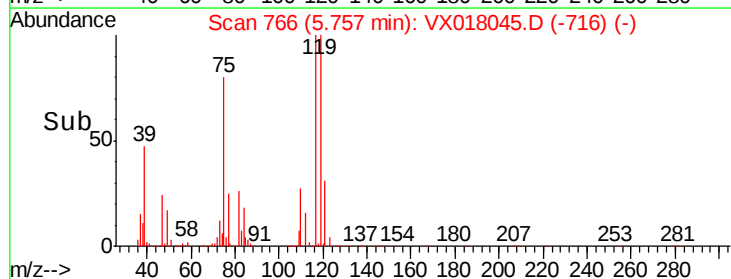
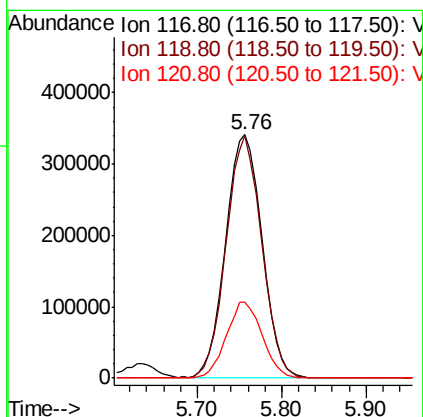
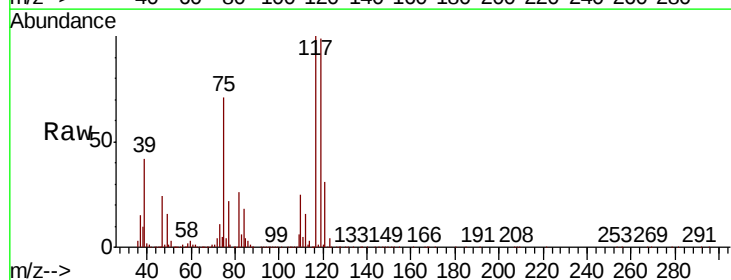
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

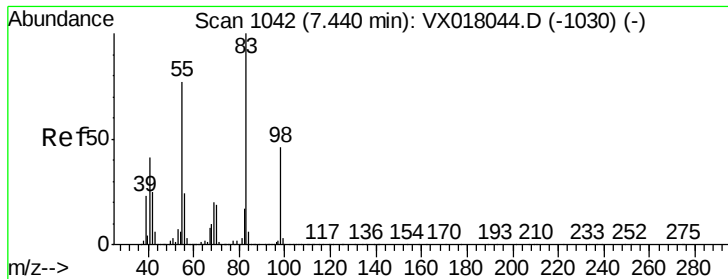
Tot Ion: 43 Resp: 1048424
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 104.663 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 117 Resp: 1006596
Ion Ratio Lower Upper
117 100
119 99.3 75.8 113.6
121 30.9 23.4 35.0

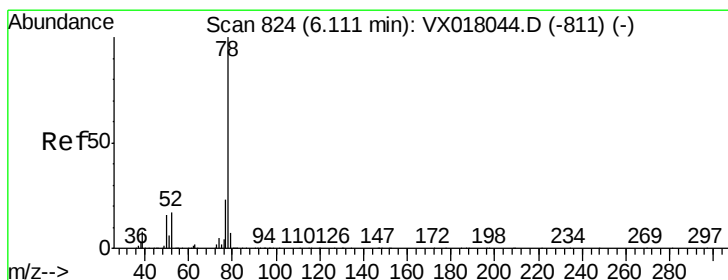
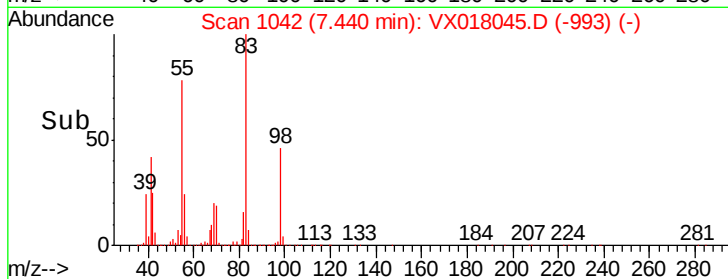
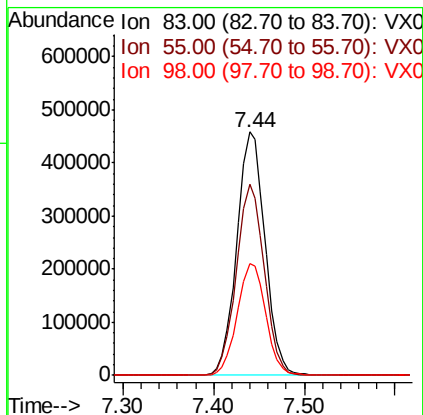
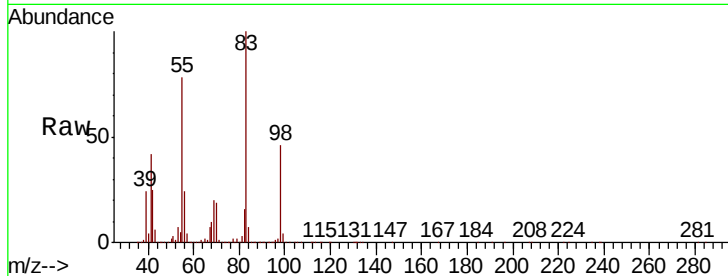




#39
Methvlcvclohexane
Concen: 89.581 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

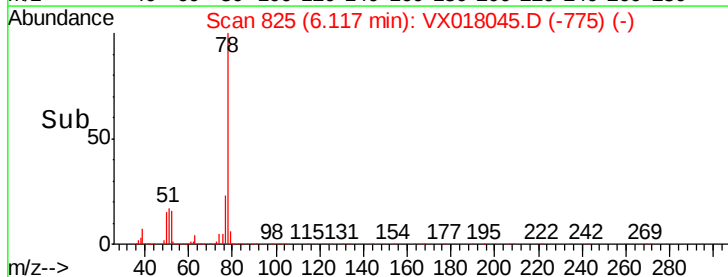
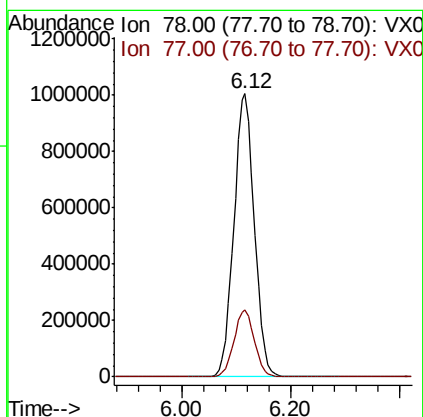
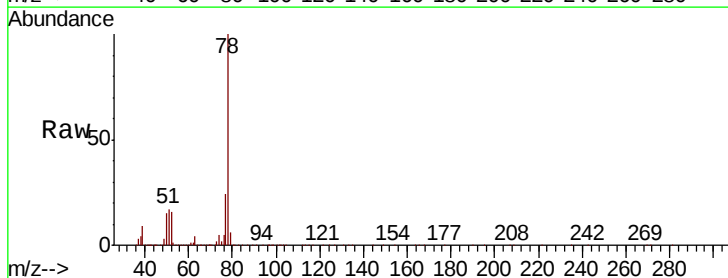
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

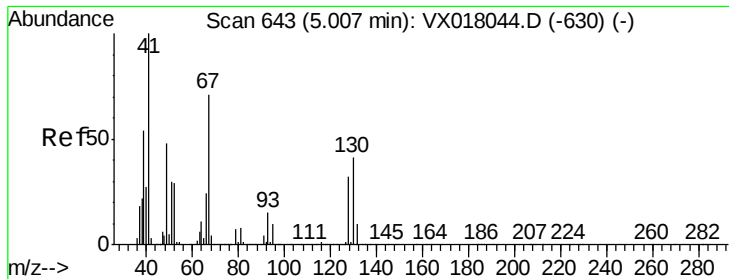
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.6
98	45.7	36.6	55.0



#40
Benzene
Concen: 97.199 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





#41

Methacrylonitrile

Concen: 98.297 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 569637

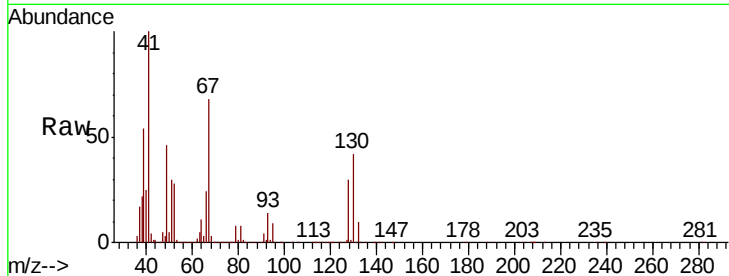
Ion Ratio Lower Upper

41 100

39 54.4 43.1 64.7

67 70.4 56.0 84.0

52 28.8 22.7 34.1

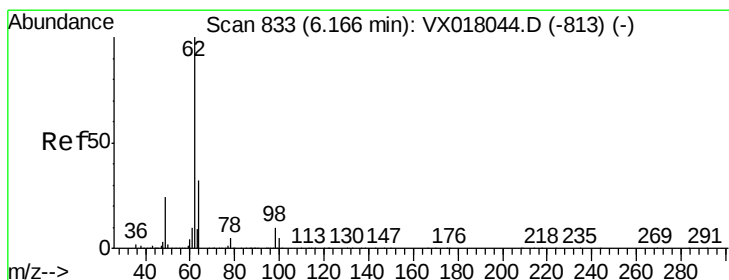
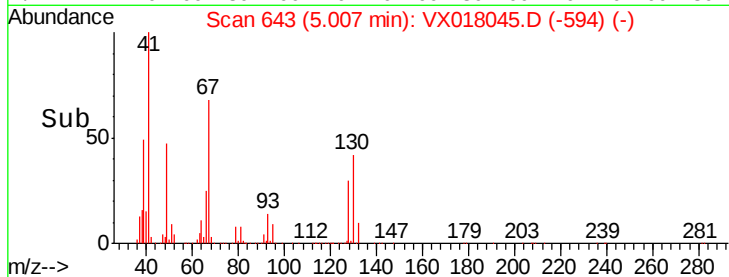
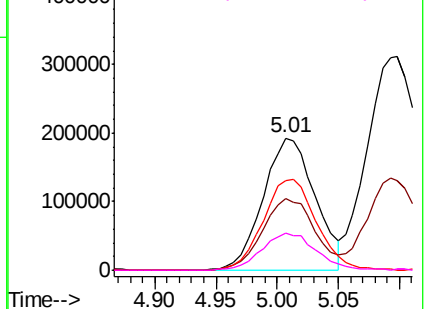


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 101.648 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018045.D

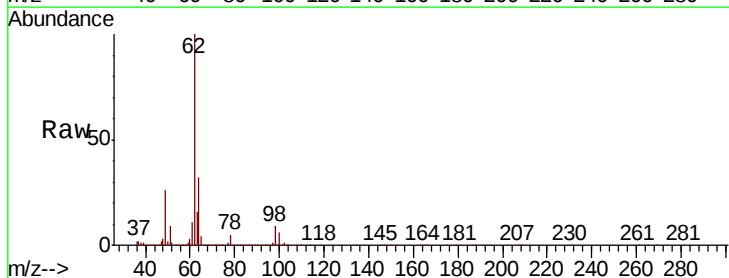
Acq: 20 Aug 2020 20:31

Tgt Ion: 62 Resp: 1005639

Ion Ratio Lower Upper

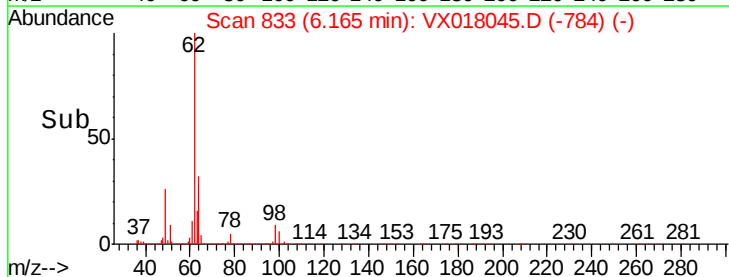
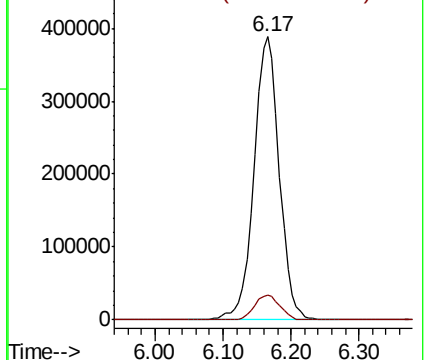
62 100

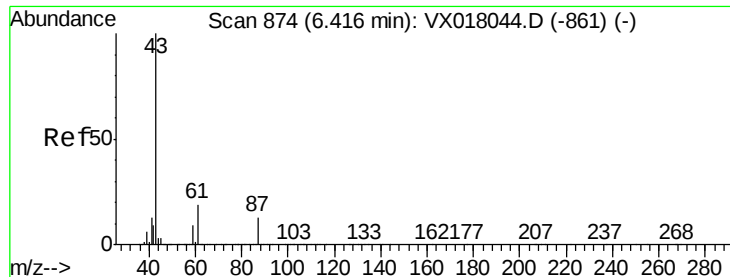
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 100.766 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

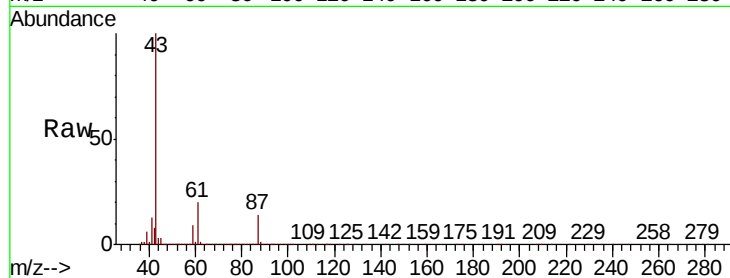
Tot Ion: 43 Resp: 1734263

Ion Ratio Lower Upper

43 100

61 19.9 15.7 23.5

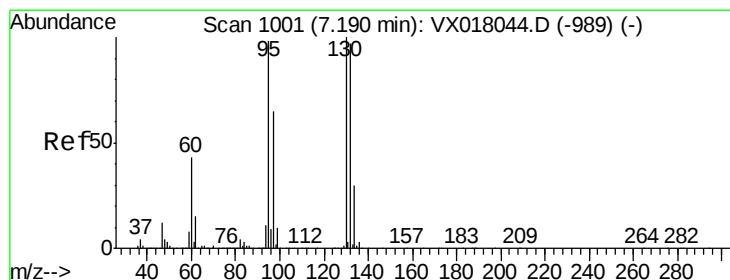
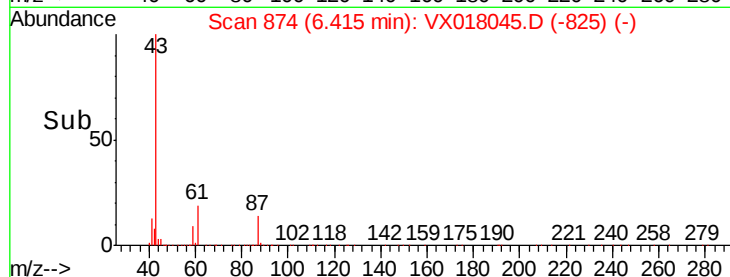
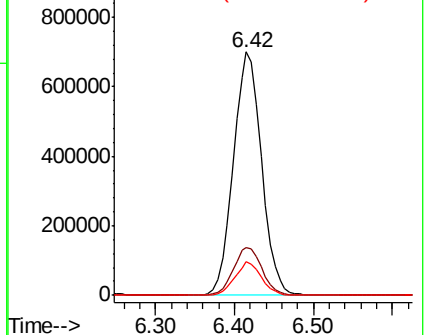
87 13.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 78.881 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018045.D

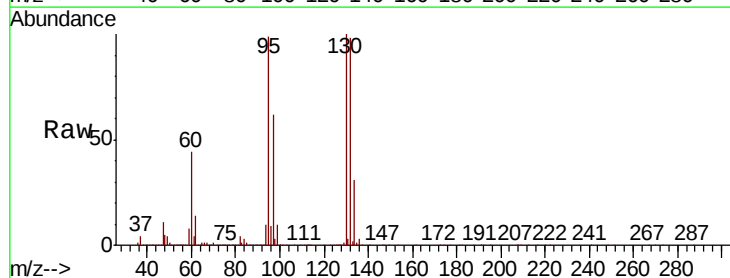
Acq: 20 Aug 2020 20:31

Tgt Ion: 130 Resp: 741301

Ion Ratio Lower Upper

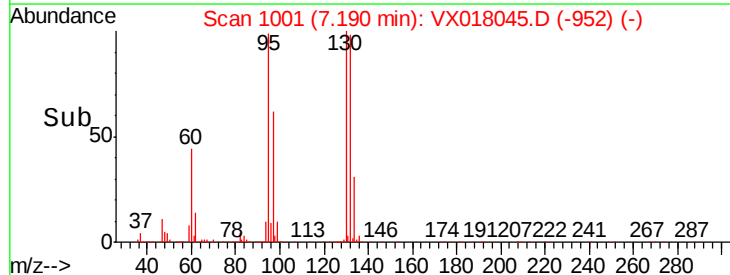
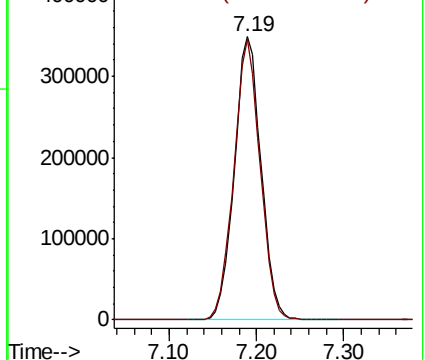
130 100

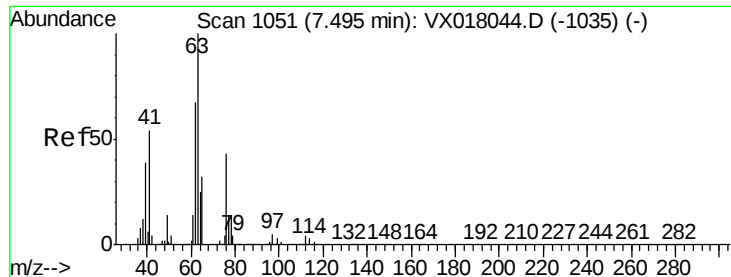
95 99.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 102.470 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

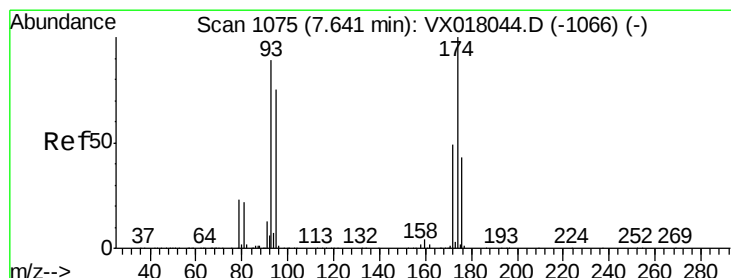
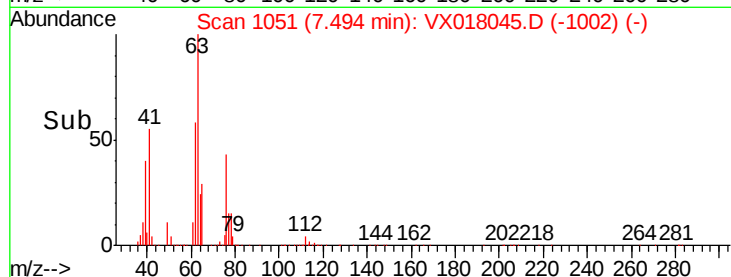
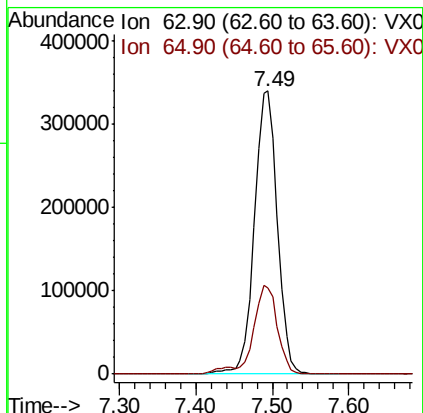
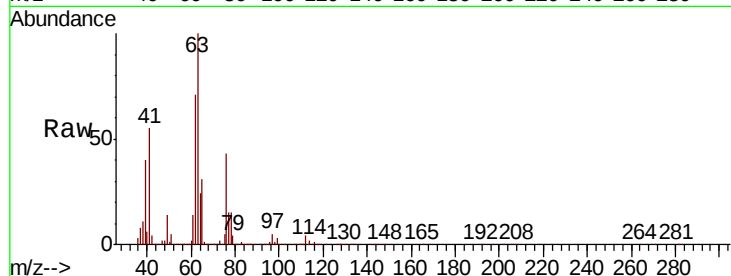
VSTDIC100

Tot Ion: 63 Resp: 712077

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 105.071 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

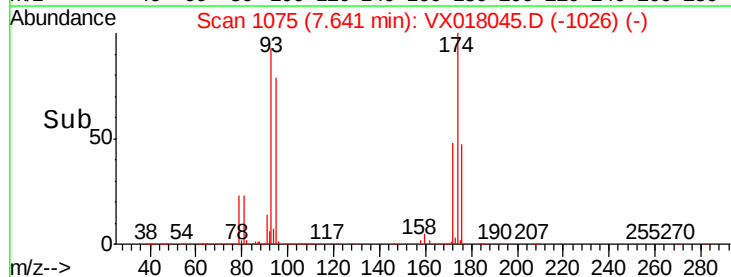
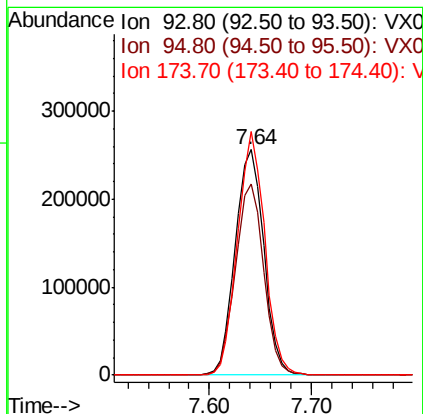
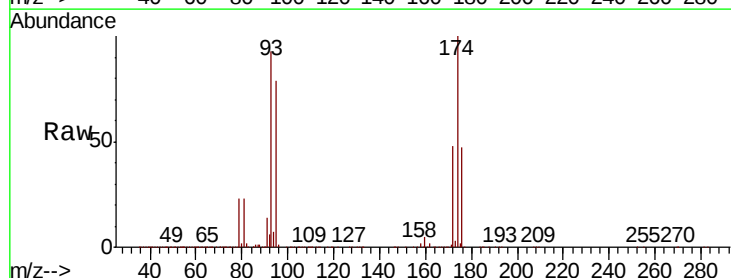
Tgt Ion: 93 Resp: 498301

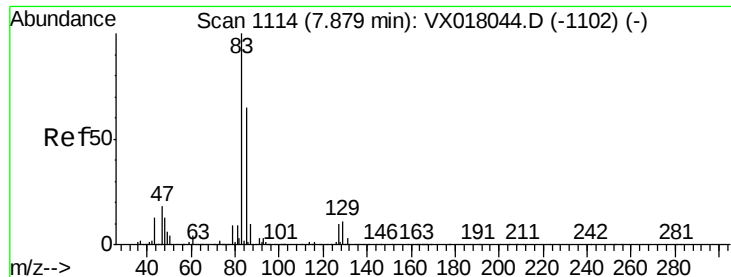
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 102.5 82.2 123.2





#47

Bromodichloromethane

Concen: 105.001 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

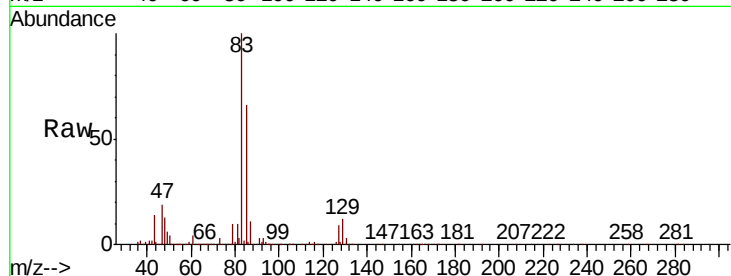
Tot Ion: 83 Resp: 1011632

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6

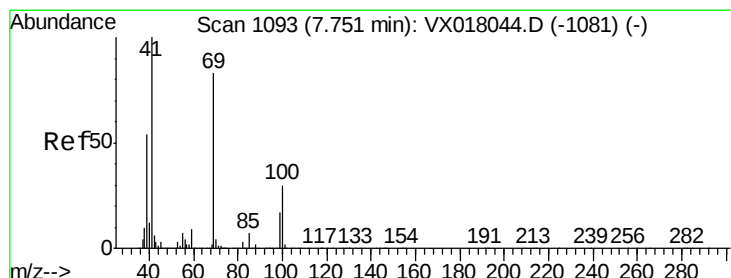
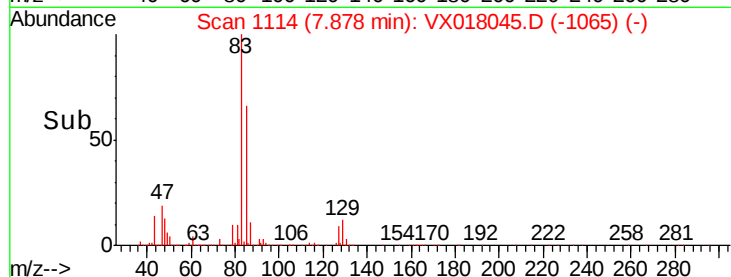
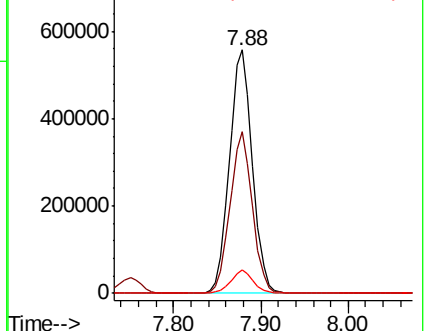
127 9.4 7.7 11.5



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: 107.878 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

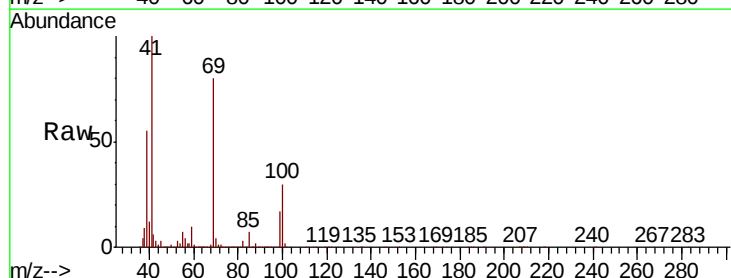
Tgt Ion: 41 Resp: 885588

Ion Ratio Lower Upper

41 100

69 80.8 65.5 98.3

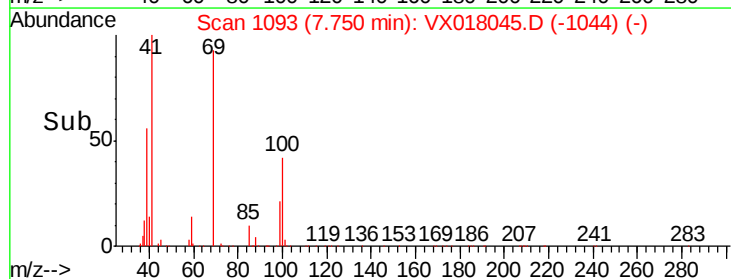
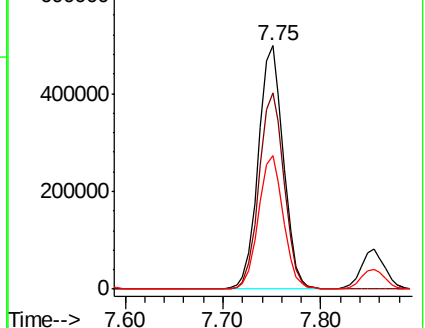
39 54.5 44.5 66.7

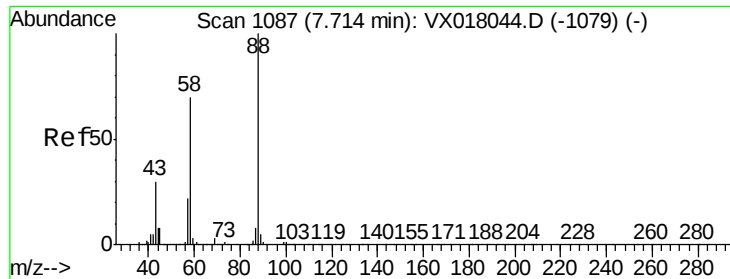


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1569.481 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

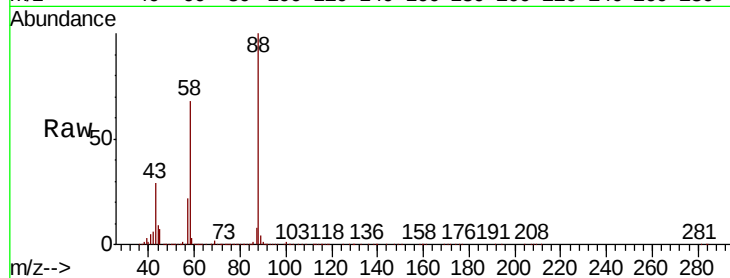
Tot Ion: 88 Resp: 298978

Ion Ratio Lower Upper

88 100

43 34.2 27.4 41.0

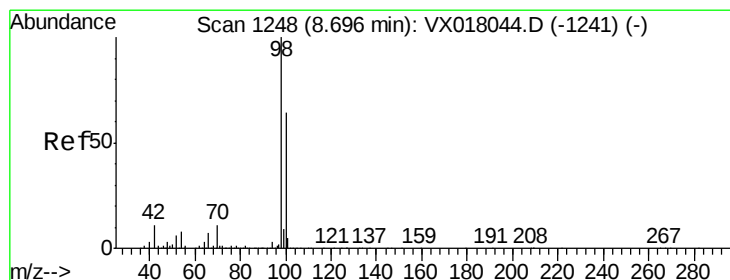
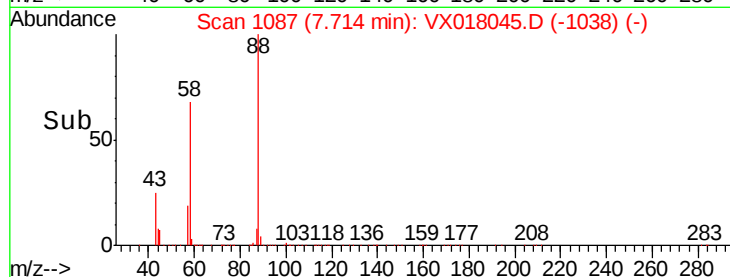
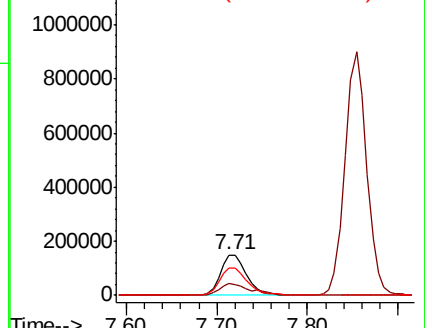
58 71.5 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 102.314 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX018045.D

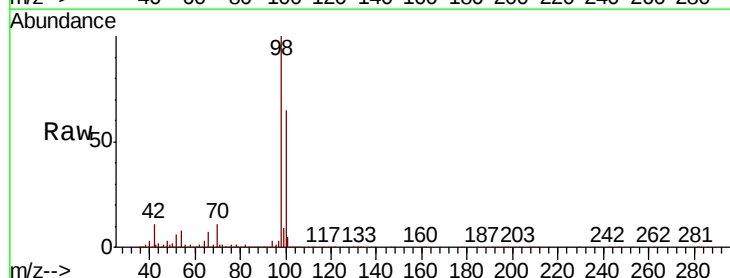
Acq: 20 Aug 2020 20:31

Tgt Ion: 98 Resp: 2408277

Ion Ratio Lower Upper

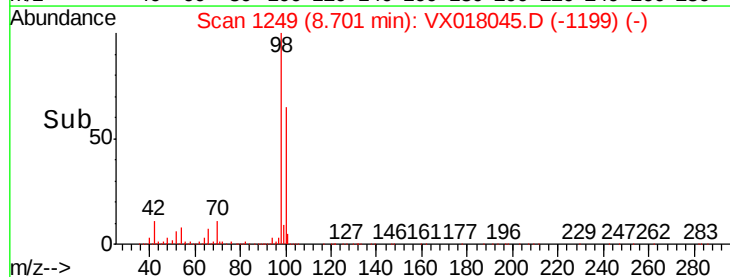
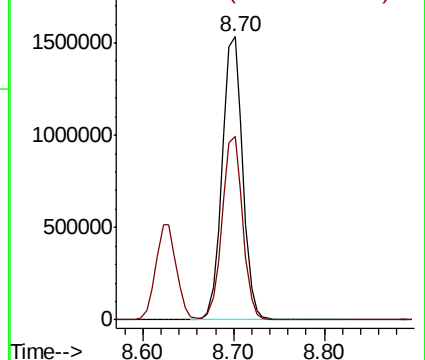
98 100

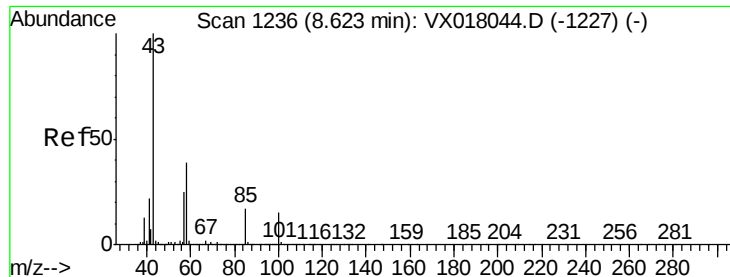
100 65.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 518.015 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

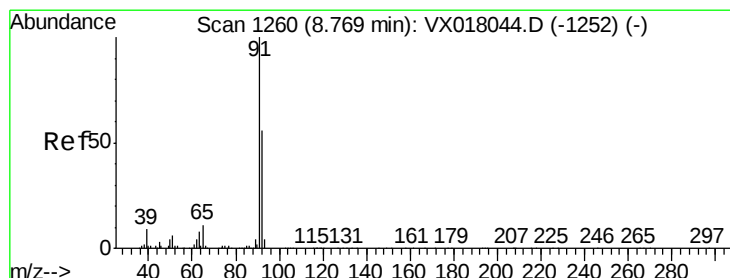
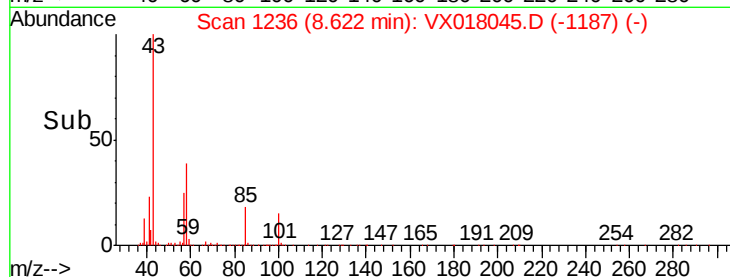
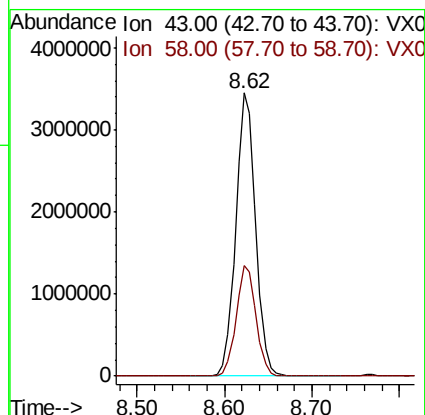
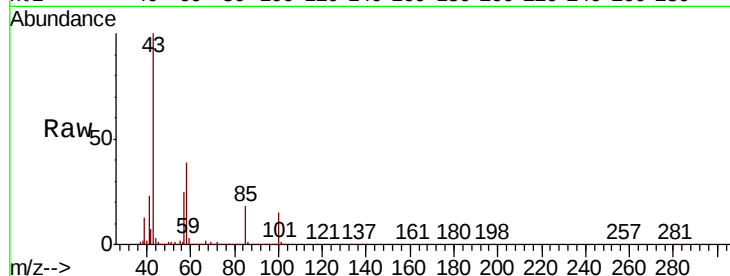
VSTDIC100

Tot Ion: 43 Resp: 5456799

Ion Ratio Lower Upper

43 100

58 39.0 30.7 46.1



#52

Toluene

Concen: 98.490 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018045.D

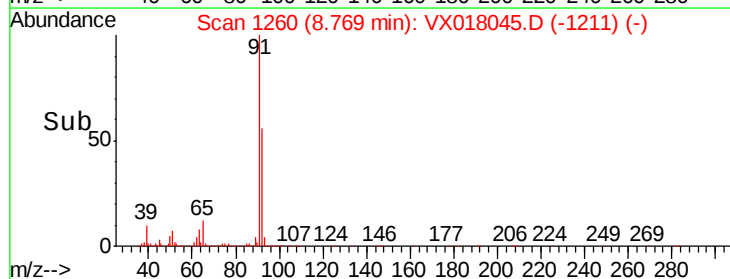
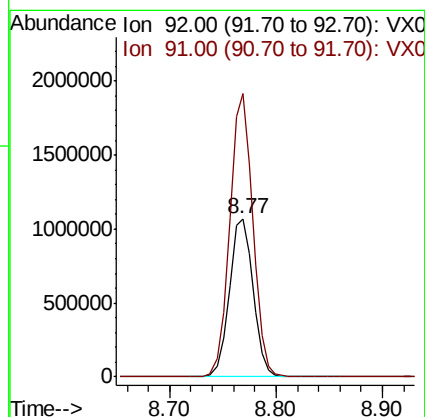
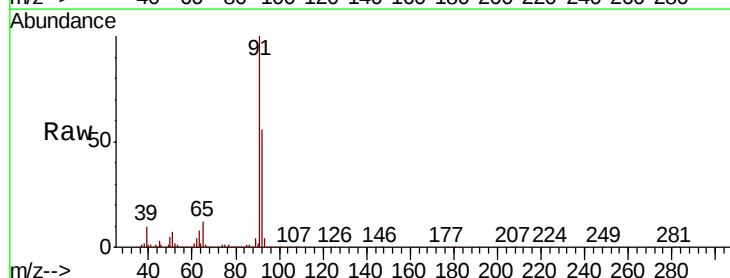
Acq: 20 Aug 2020 20:31

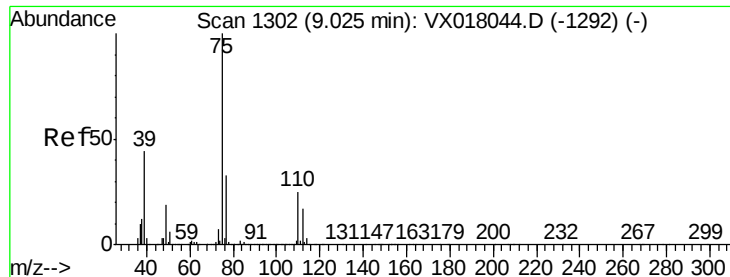
Tgt Ion: 92 Resp: 1672789

Ion Ratio Lower Upper

92 100

91 173.7 140.3 210.5

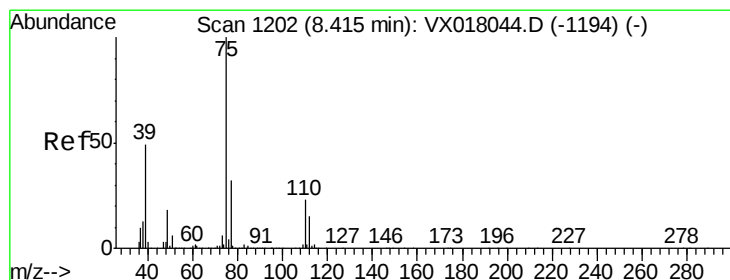
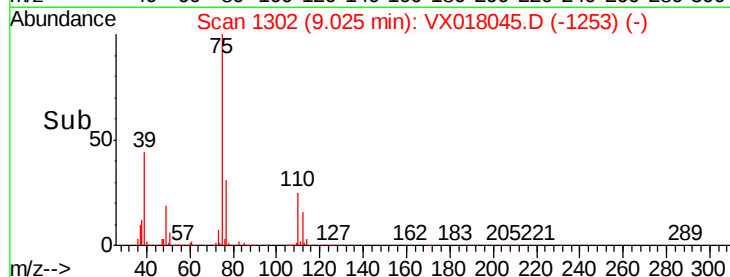
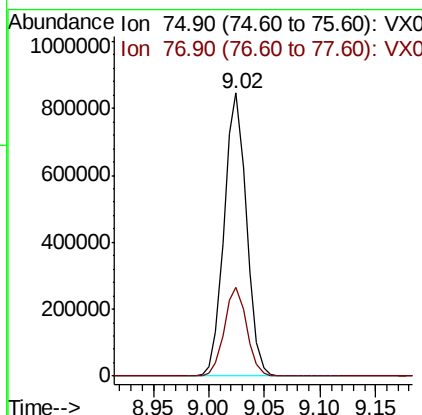
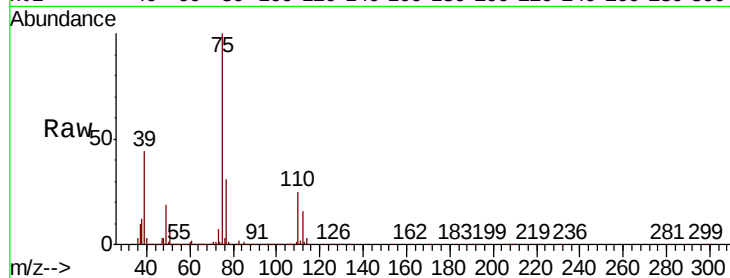




#53
t-1,3-Dichloropropene
Concen: 103.373 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

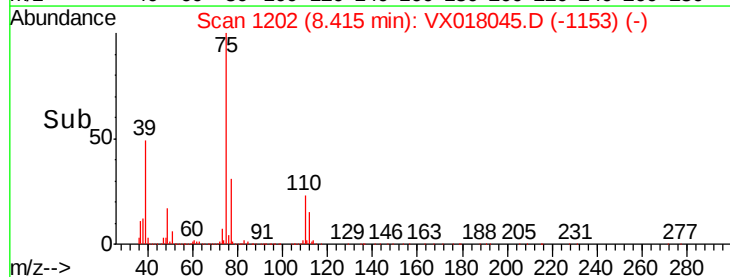
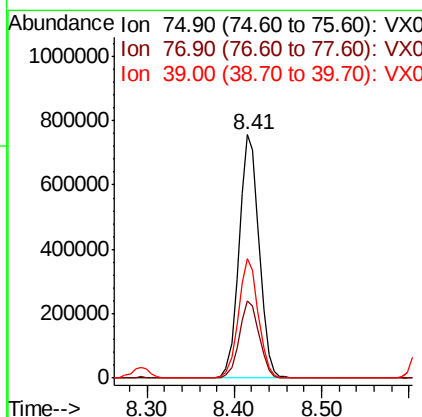
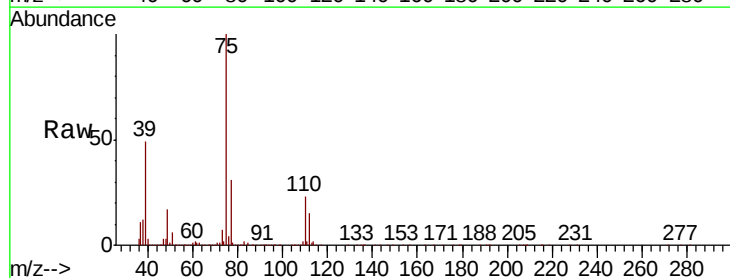
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

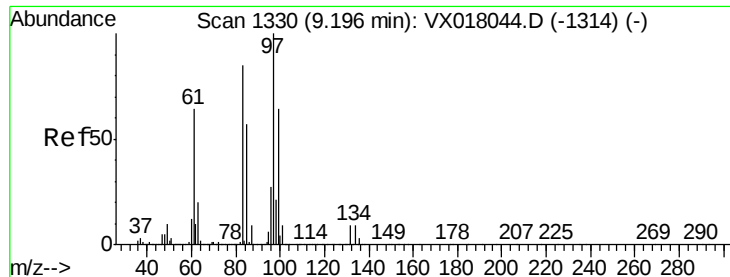
Tot Ion: 75 Resp: 1177731
Ion Ratio Lower Upper
75 100
77 31.2 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 101.250 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 75 Resp: 1204402
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 49.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 105.010 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 709585

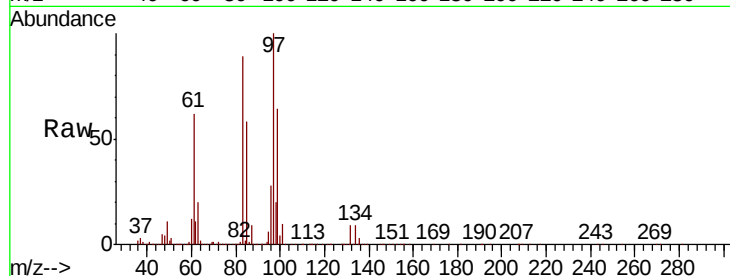
Ion Ratio Lower Upper

97 100

83 88.7 67.8 101.6

85 57.8 45.3 67.9

99 63.7 50.9 76.3

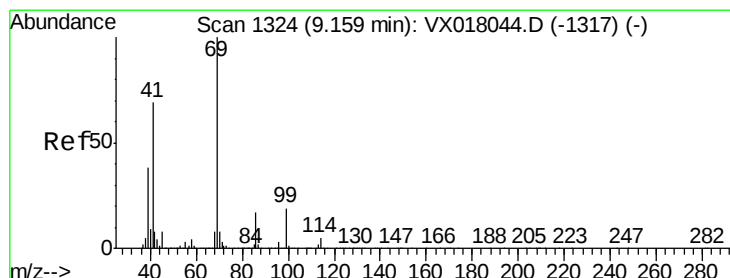
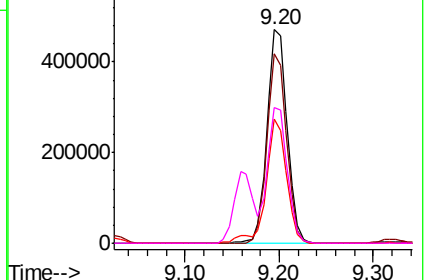
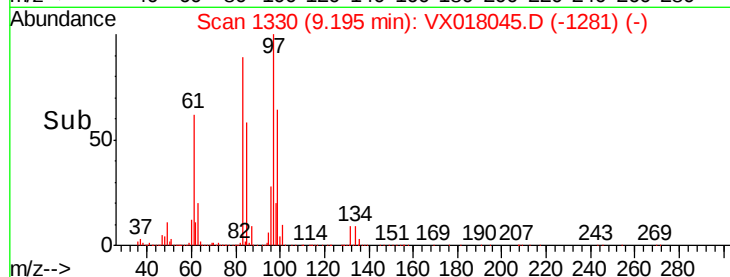


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 106.658 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

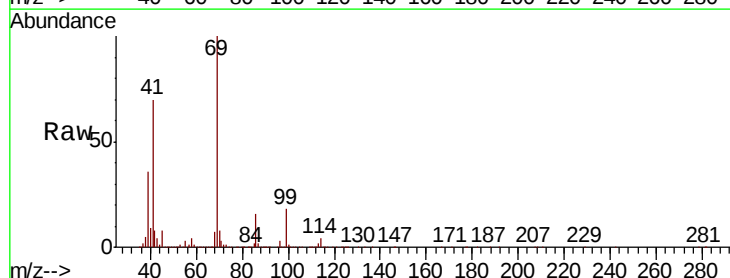
Tgt Ion: 69 Resp: 1159866

Ion Ratio Lower Upper

69 100

41 68.3 54.6 81.8

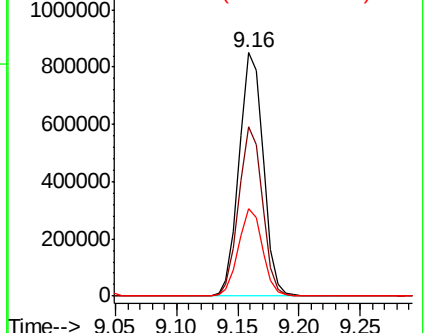
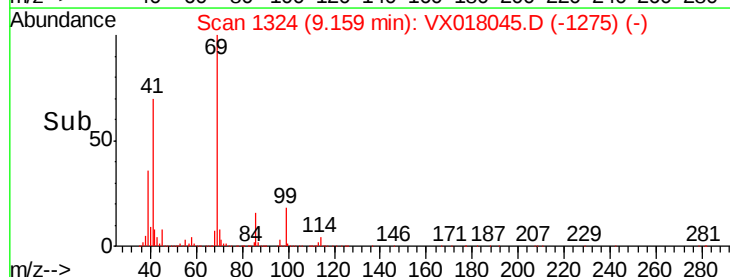
39 35.9 29.1 43.7

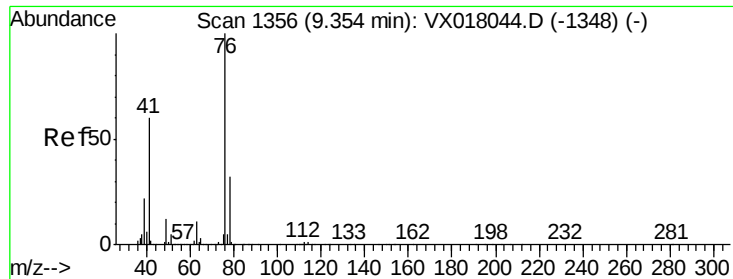


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 102.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

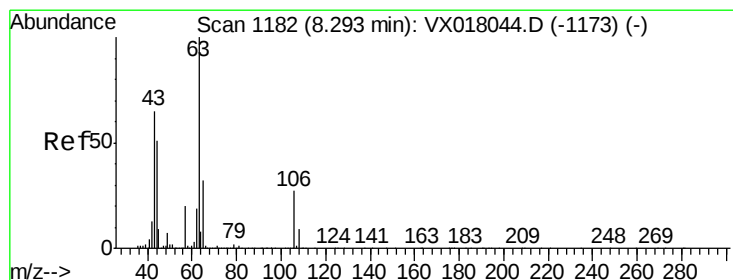
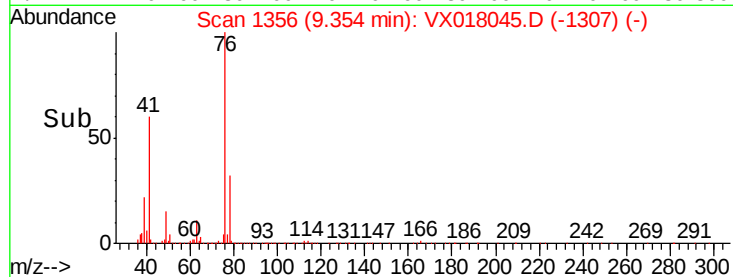
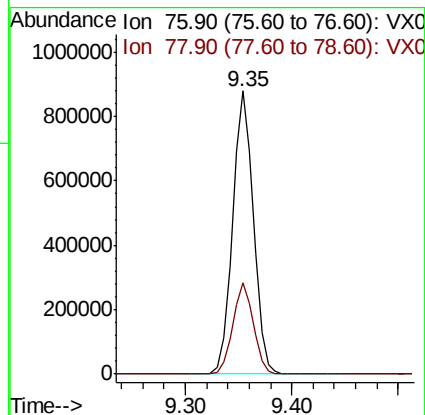
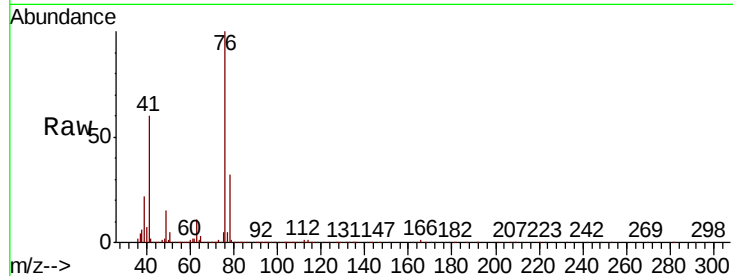
VSTDICC100

Tot Ion: 76 Resp: 1204310

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 445.057 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018045.D

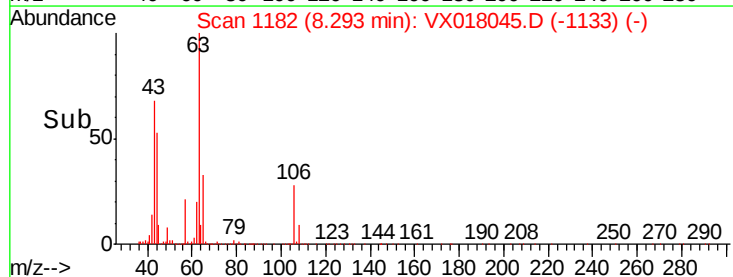
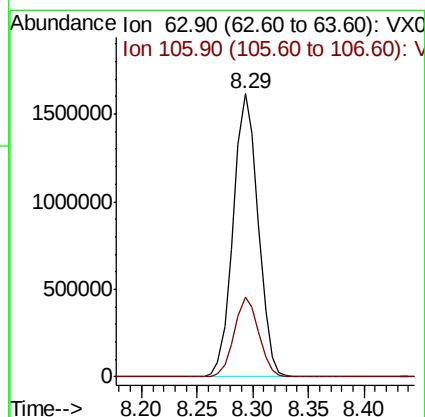
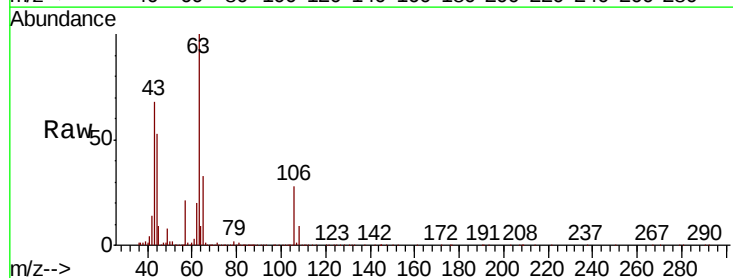
Acq: 20 Aug 2020 20:31

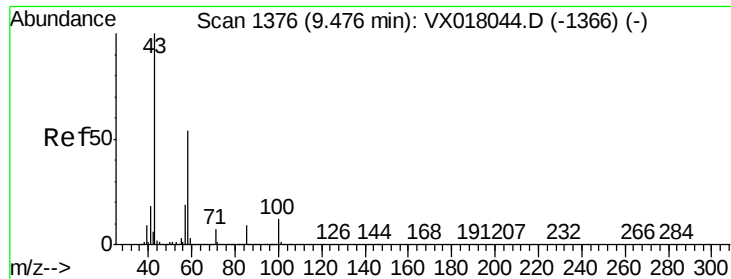
Tgt Ion: 63 Resp: 2509667

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

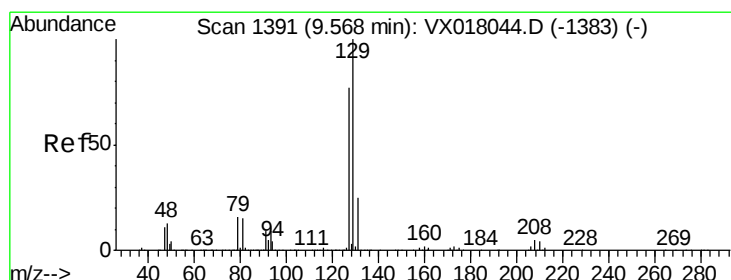
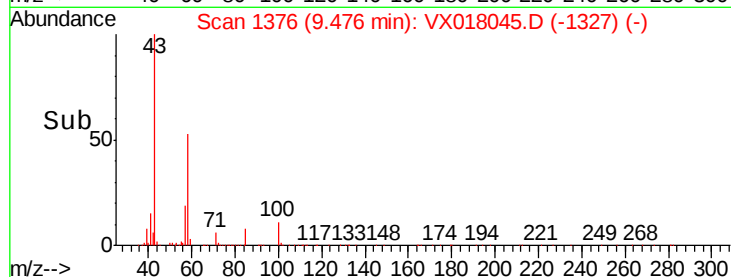
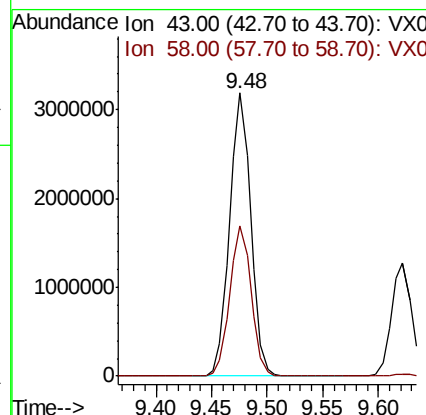
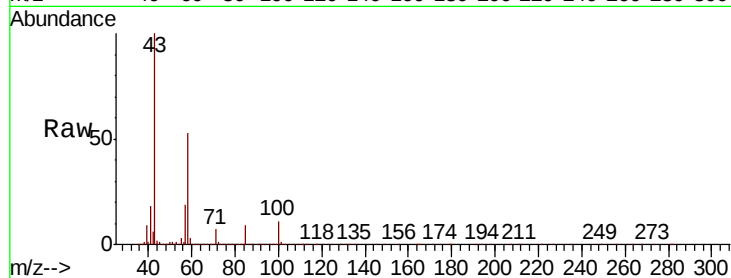




#59
2-Hexanone
Concen: 510.397 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

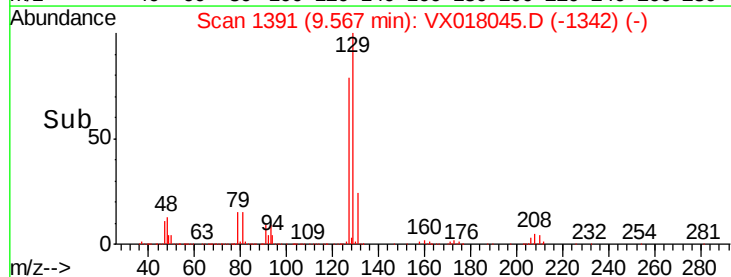
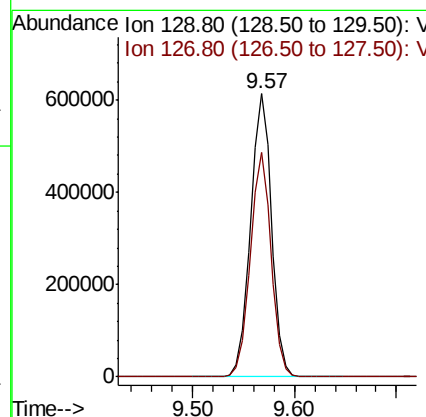
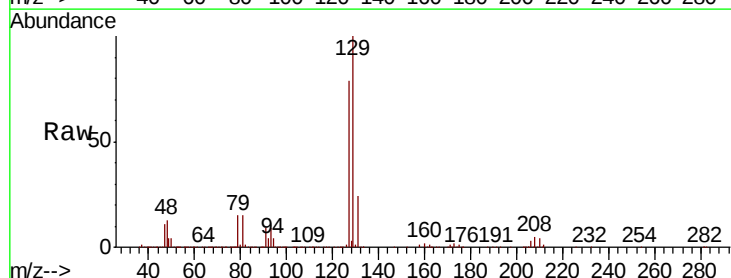
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

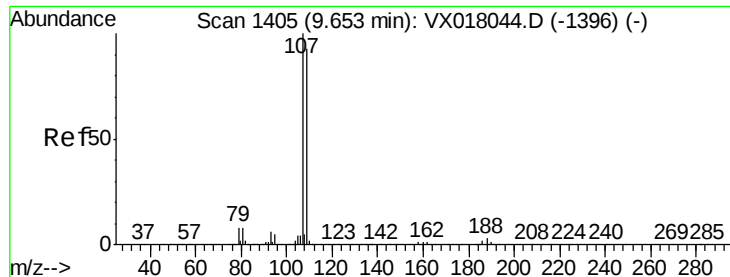
Tot Ion: 43 Resp: 4216953
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.7



#60
Dibromochloromethane
Concen: 116.908 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 129 Resp: 878775
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 108.406 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

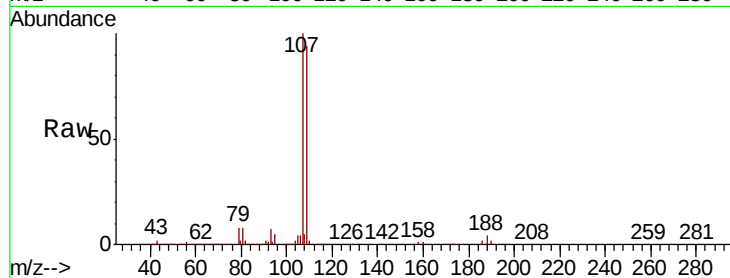
VSTDIC100

Tot Ion: 107 Resp: 792356

Ion Ratio Lower Upper

107 100

109 94.3 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

600000

500000

400000

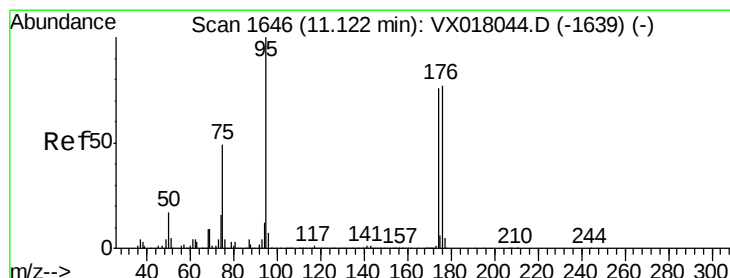
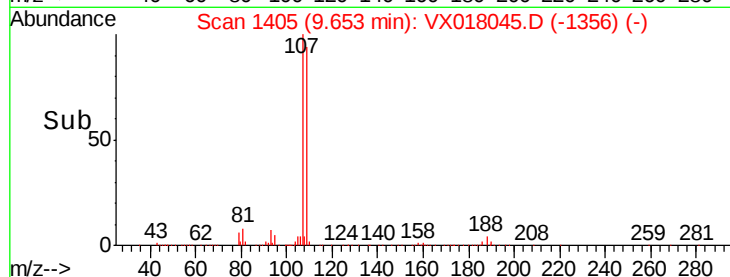
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 107.585 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

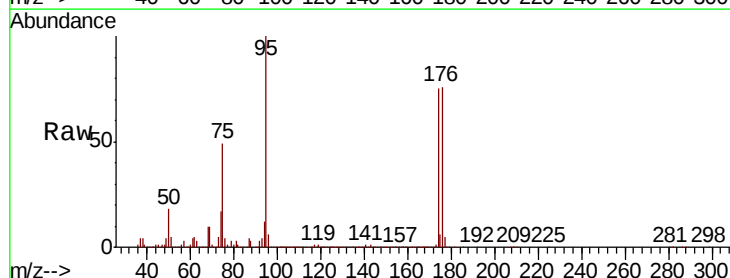
Tgt Ion: 95 Resp: 970036

Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.2

176 77.2 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1000000

800000

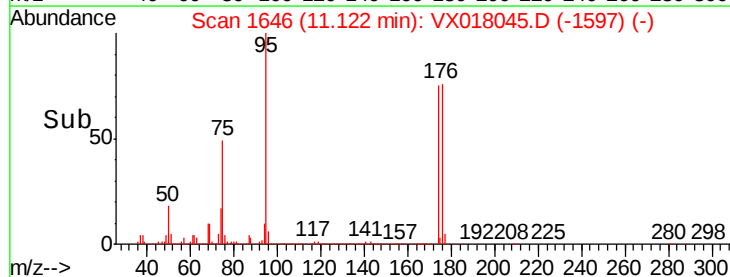
600000

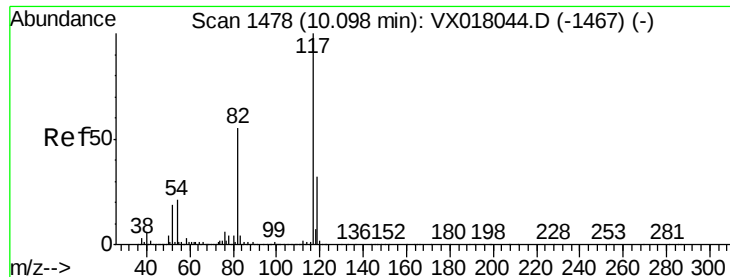
400000

200000

0

Time-->

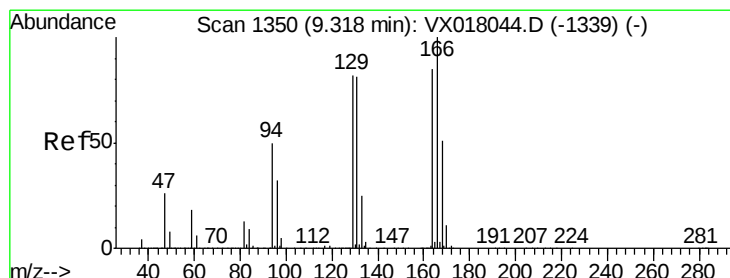
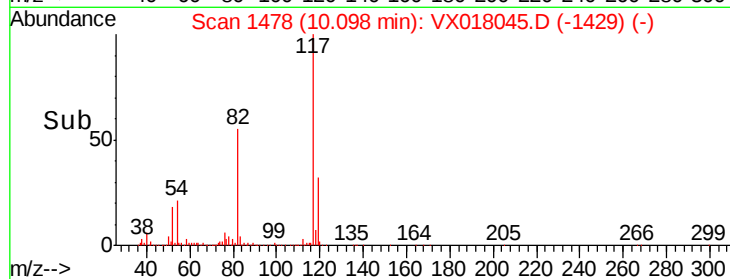
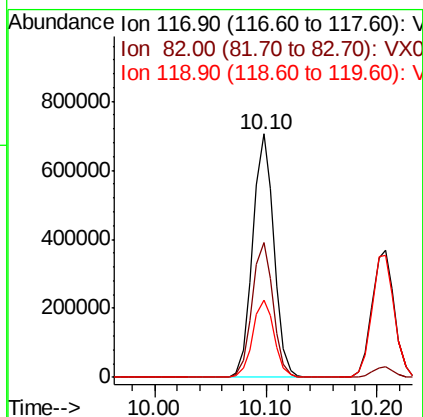
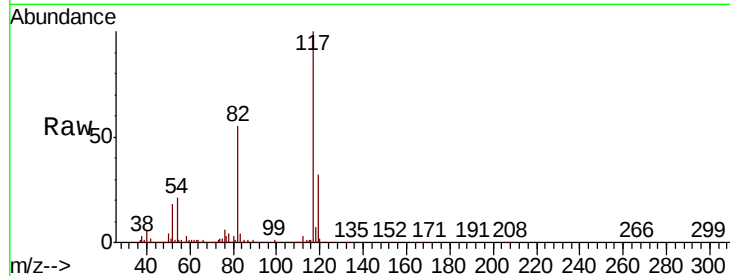




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

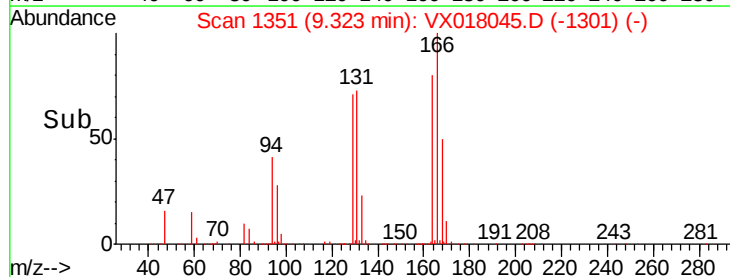
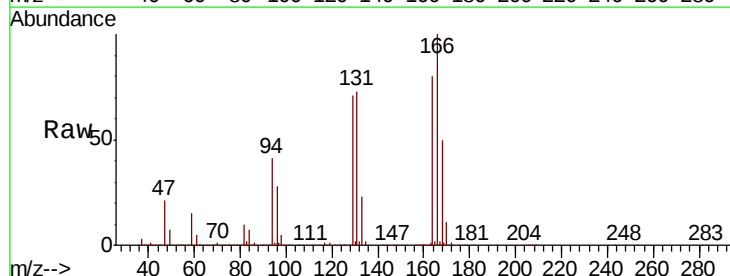
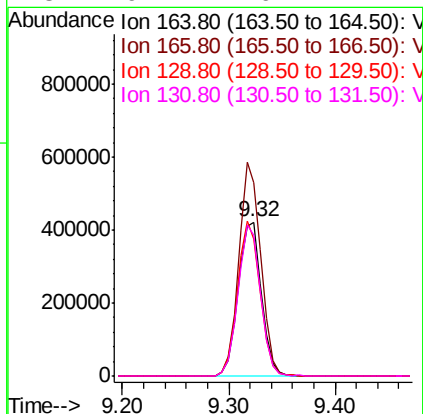
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

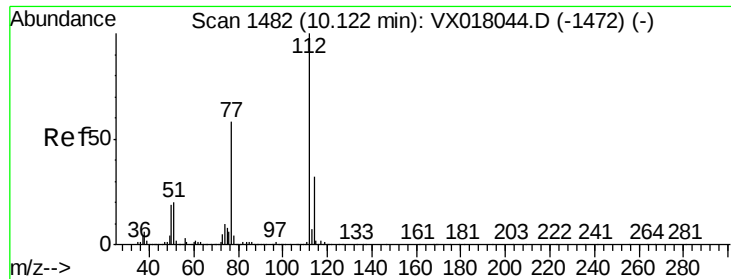
Tot Ion:117 Resp: 936673
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 59.897 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion:164 Resp: 645638
Ion Ratio Lower Upper
164 100
166 125.2 94.2 141.2
129 88.7 76.9 115.3
131 91.2 76.1 114.1





#65

Chlorobenzene

Concen: 98.405 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

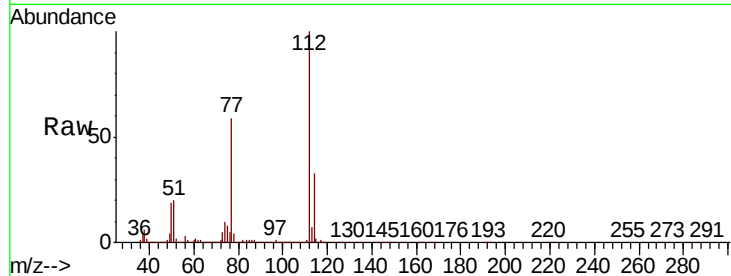
VSTDIC100

Tot Ion:112 Resp: 1921610

Ion Ratio Lower Upper

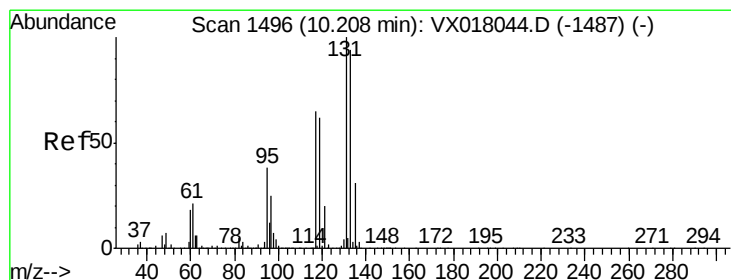
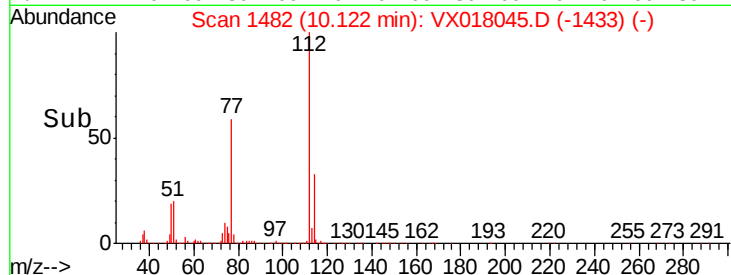
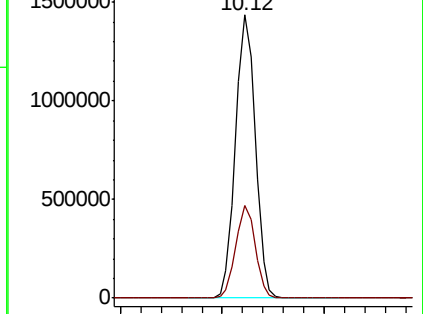
112 100

114 32.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 105.576 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

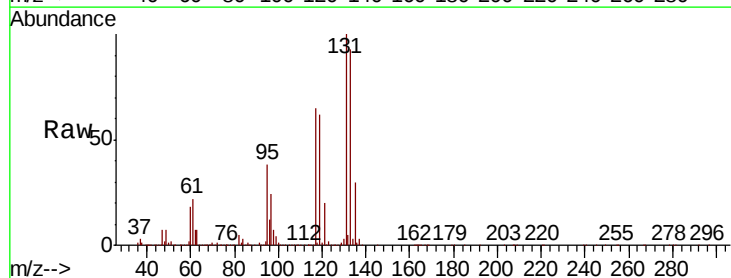
Tgt Ion:131 Resp: 769302

Ion Ratio Lower Upper

131 100

133 93.9 46.7 140.1

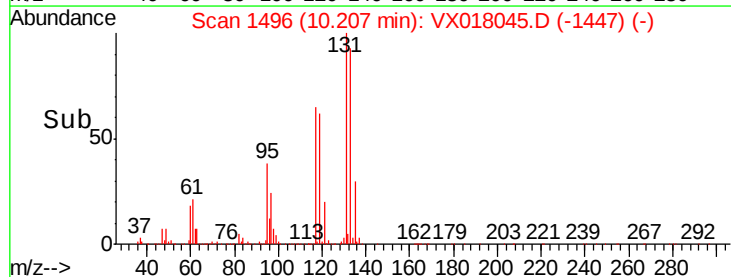
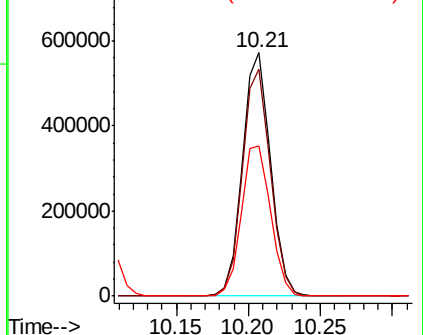
119 64.5 31.8 95.4

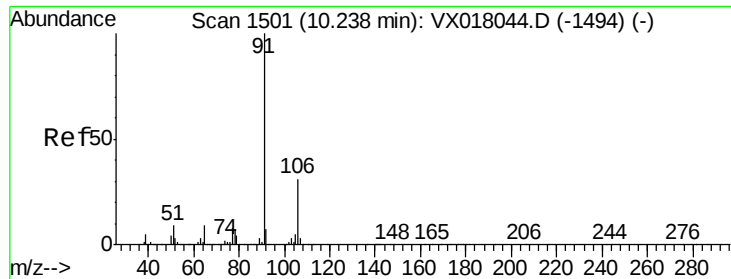


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

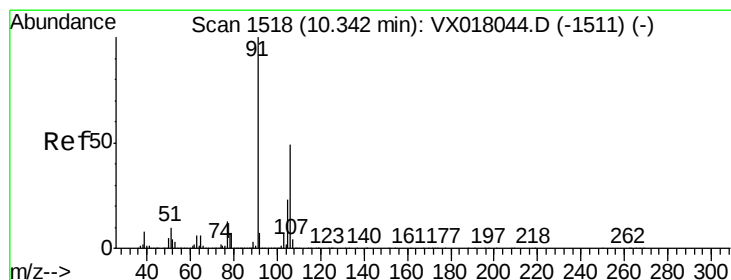
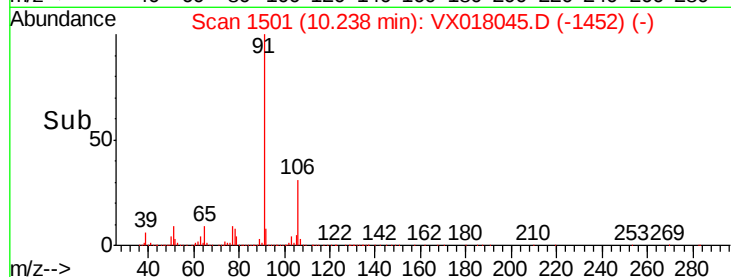
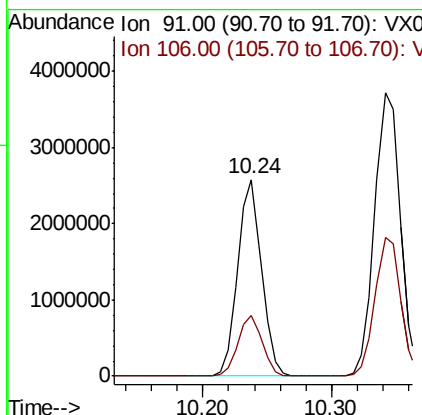
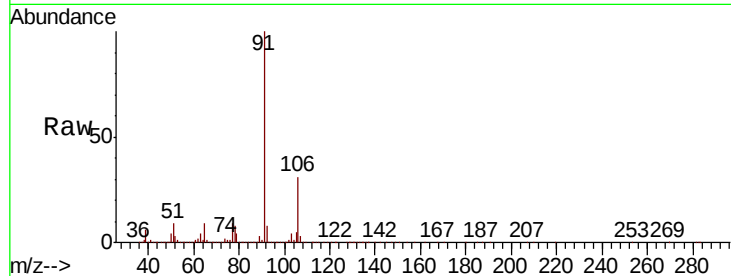




#67
Ethyl Benzene
Concen: 95.593 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

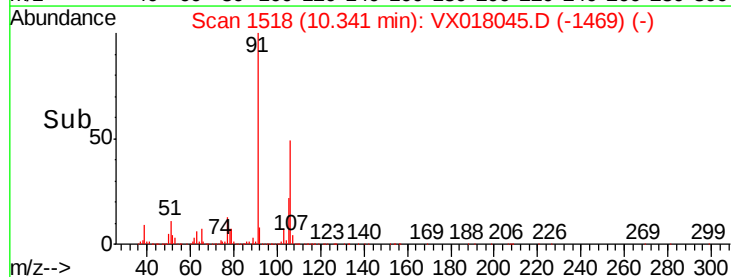
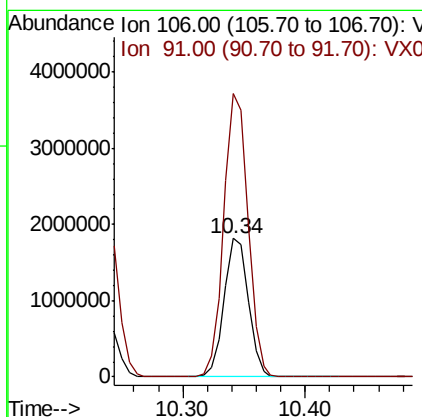
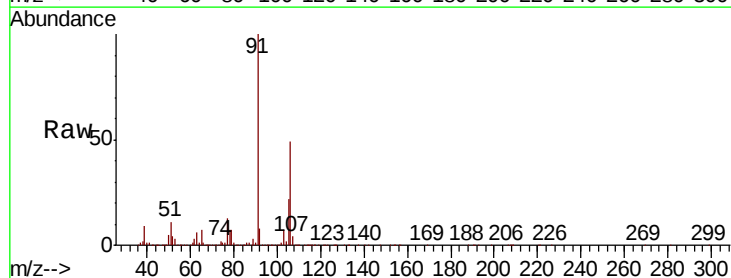
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

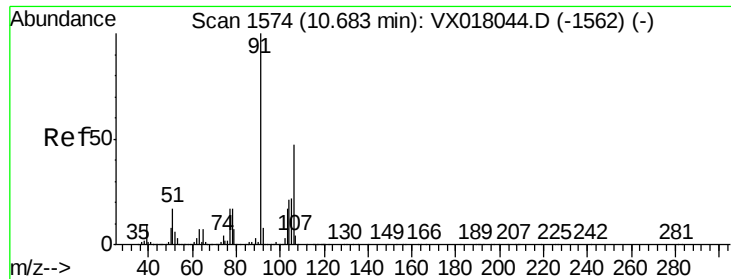
Tot Ion: 91 Resp: 3311164
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 192.519 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 106 Resp: 2499282
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2

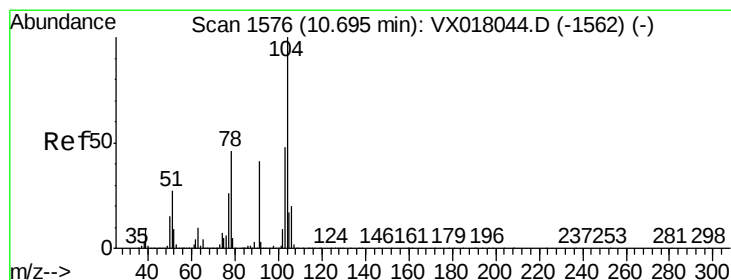
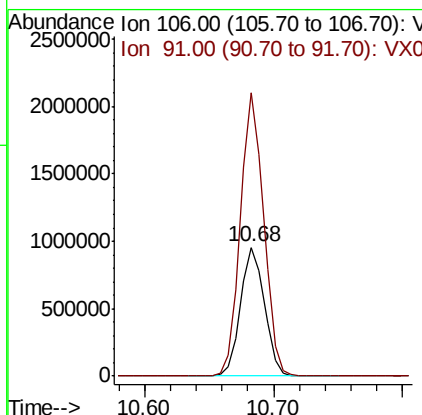
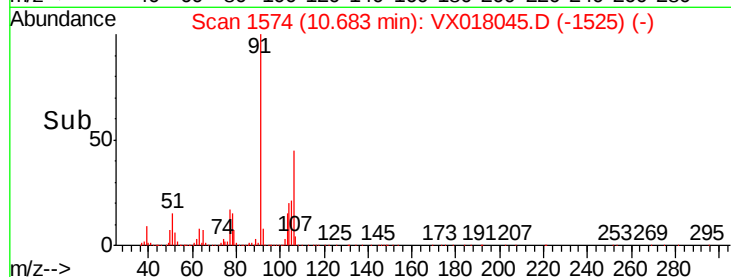
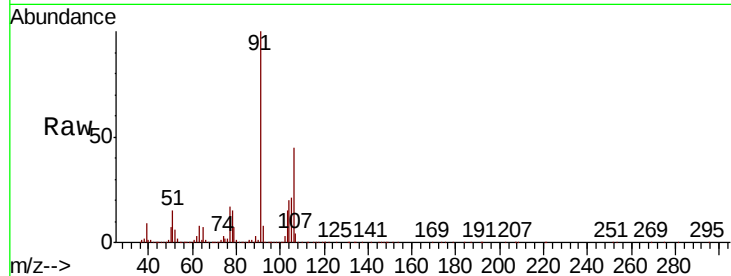




#69
o-Xylene
Concen: 98.056 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

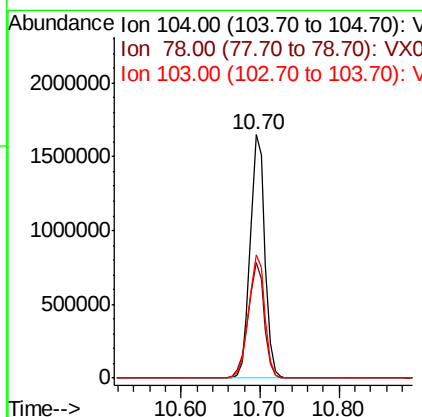
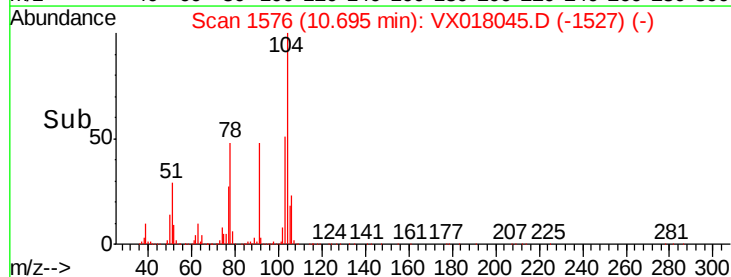
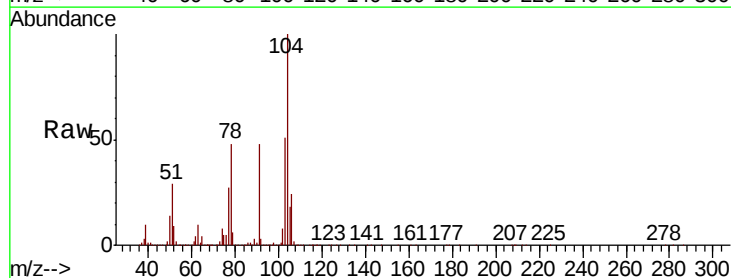
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

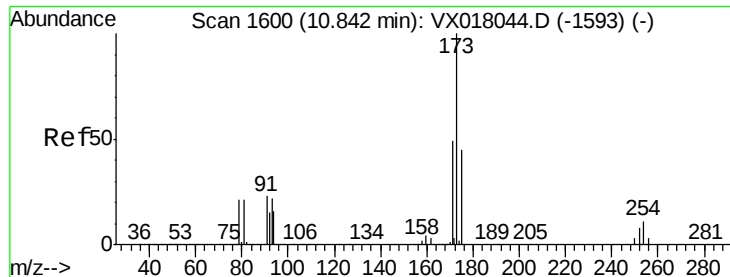
Tot Ion:106 Resp: 1221376
Ion Ratio Lower Upper
106 100
91 215.5 107.1 321.3



#70
Styrene
Concen: 100.492 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion:104 Resp: 2130286
Ion Ratio Lower Upper
104 100
78 51.8 40.9 61.3
103 55.5 43.6 65.4

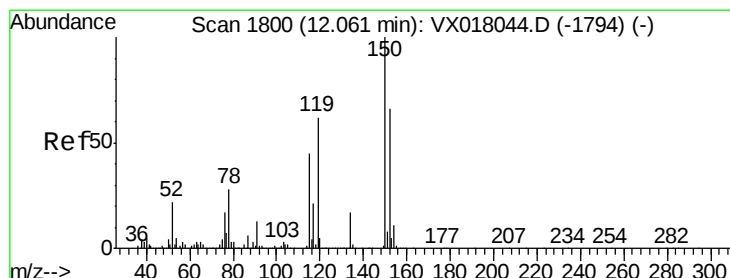
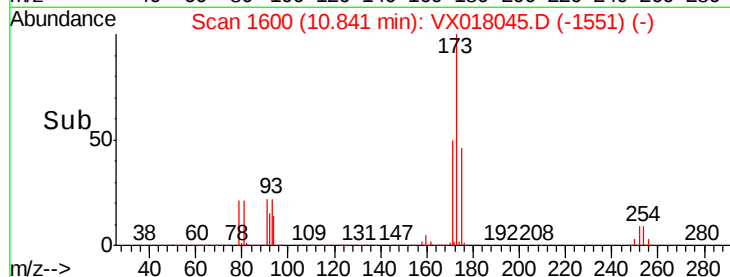
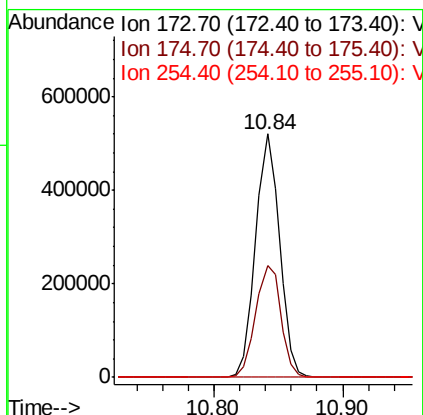
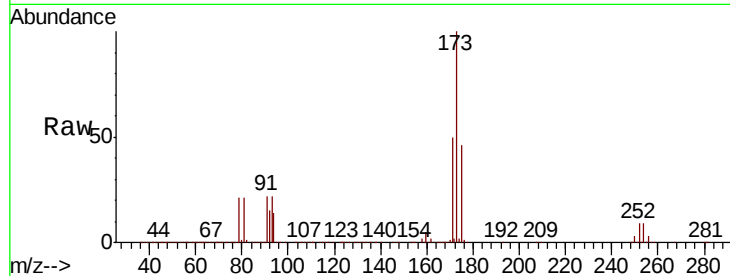




#71
Bromoform
Concen: 111.739 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

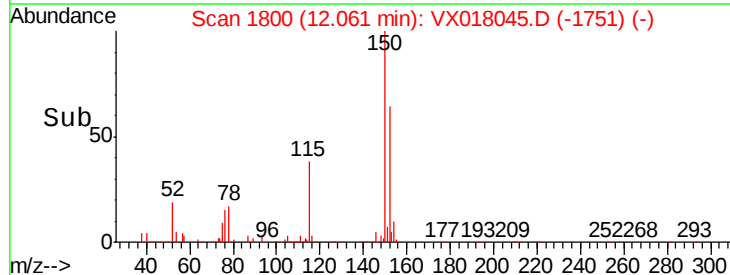
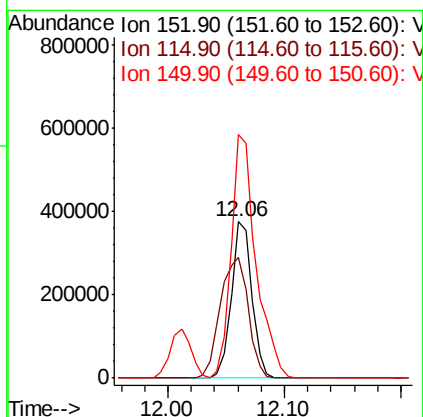
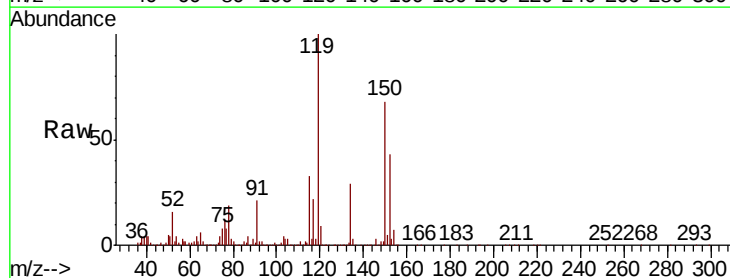
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

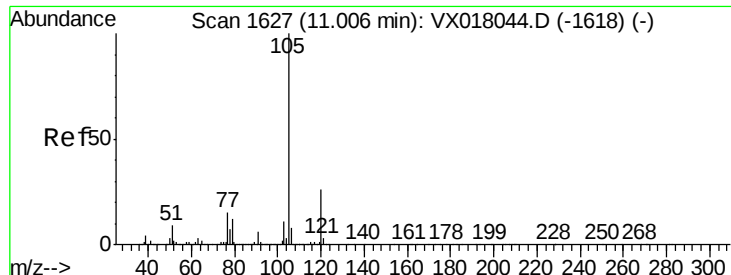
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.1	0.2	0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	104.4	41.5	124.5
150	188.9	0.0	343.8





#73

Isopropylbenzene

Concen: 96.705 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

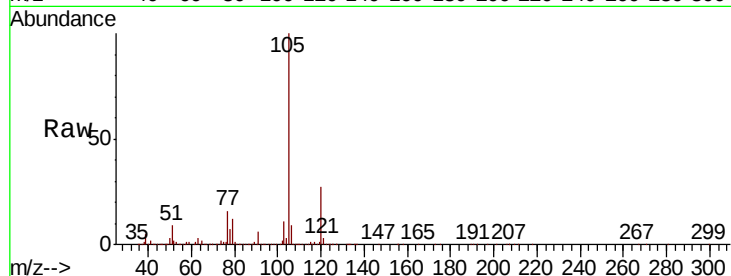
VSTDIC100

Tot Ion:105 Resp: 3202123

Ion Ratio Lower Upper

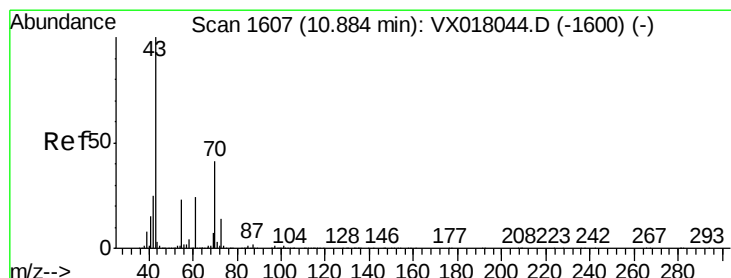
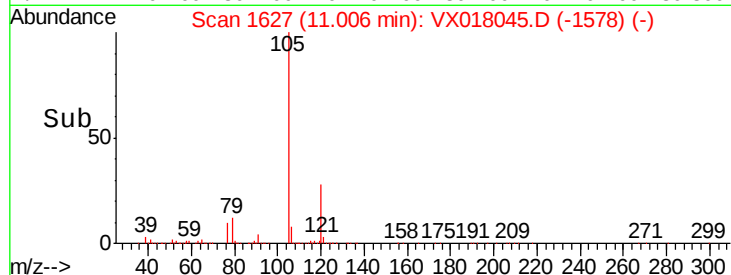
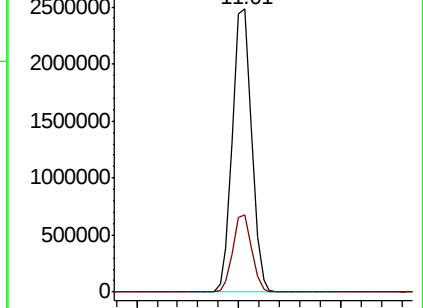
105 100

120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 102.937 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Tgt Ion: 43 Resp: 1600074

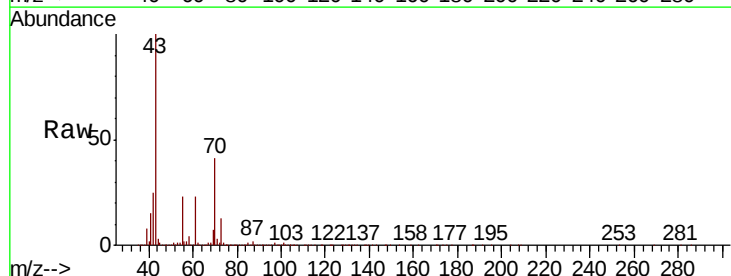
Ion Ratio Lower Upper

43 100

70 40.4 32.3 48.5

55 22.9 18.2 27.2

61 23.8 18.9 28.3

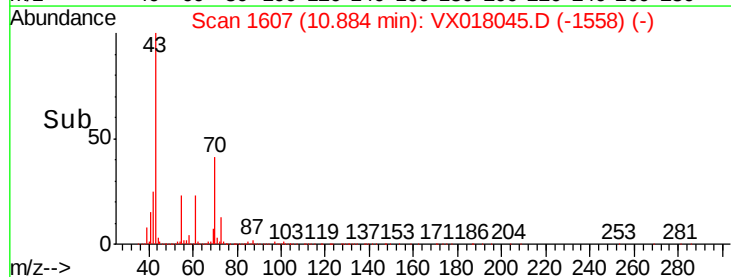
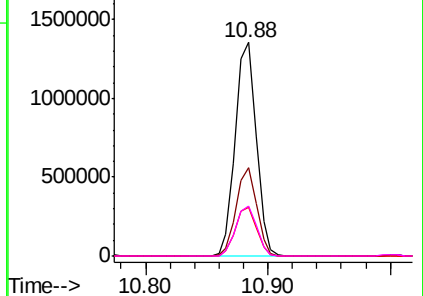


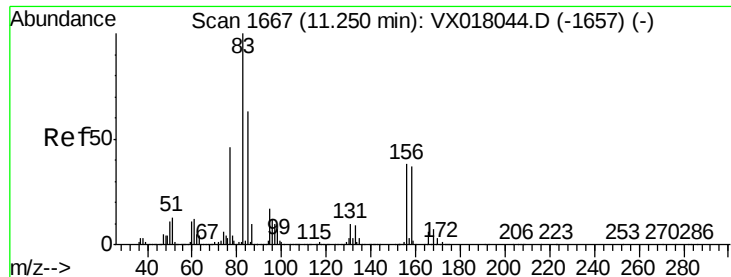
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 163.916 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

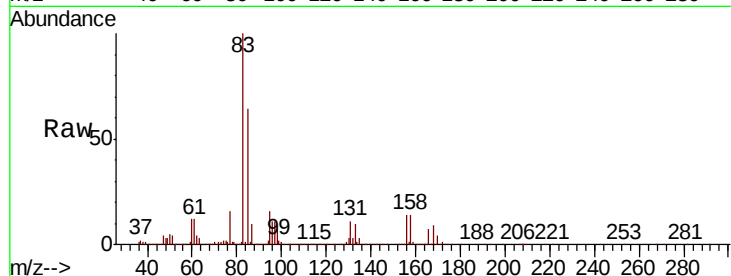
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 1071376

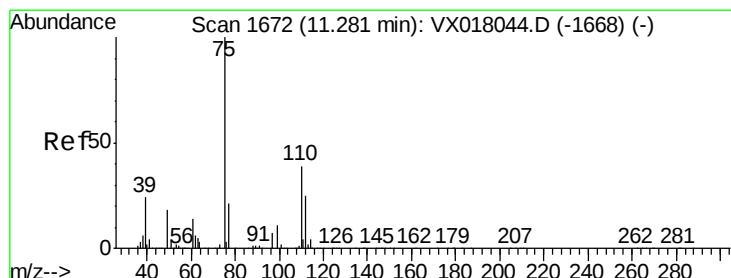
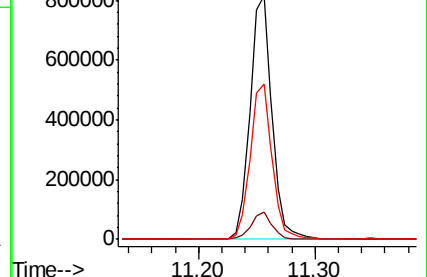
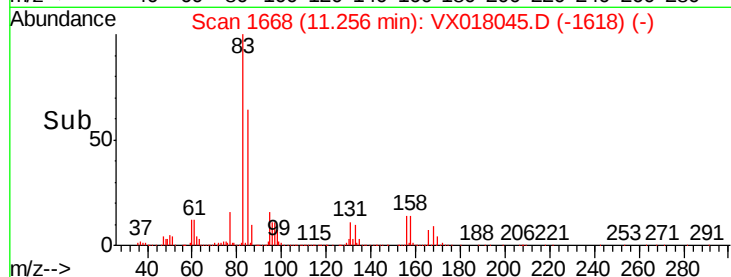
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	64.0	32.2	96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 130.265 ug/l

RT: 11.28 min Scan# 1672

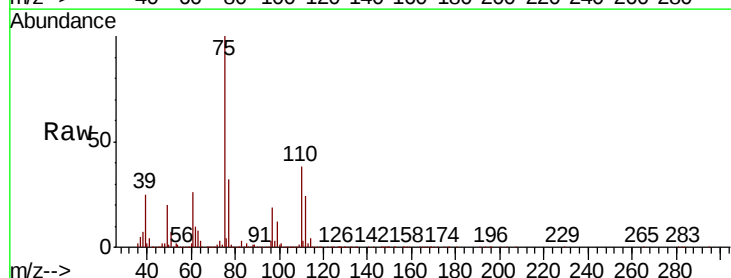
Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

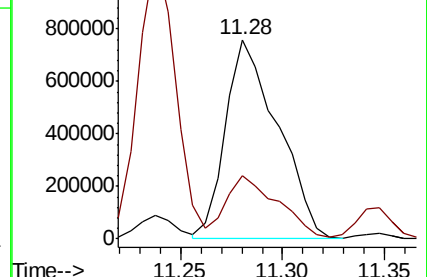
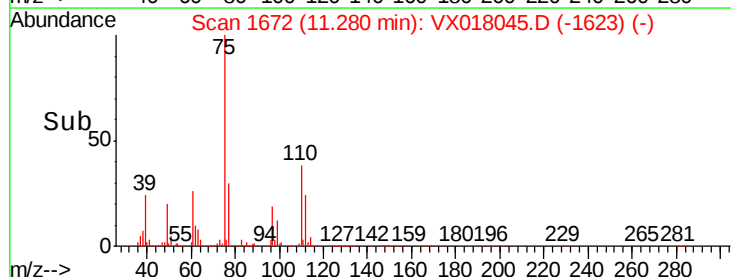
Tgt Ion: 75 Resp: 1349243

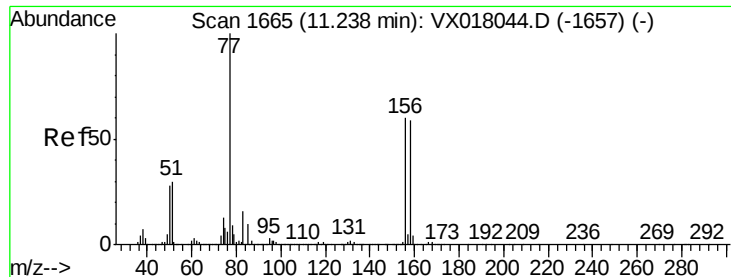
Ion	Ratio	Lower	Upper
75	100		
77	31.5	20.8	62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.043 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

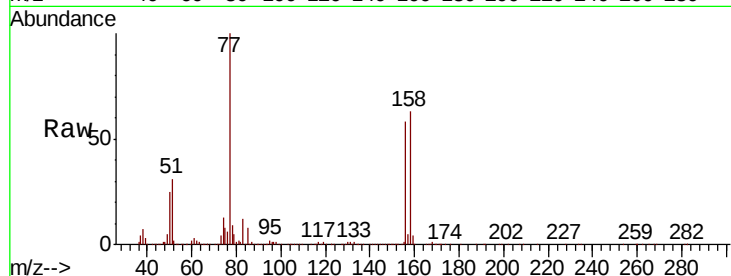
Tot Ion:156 Resp: 852694

Ion Ratio Lower Upper

156 100

77 160.4 80.0 240.2

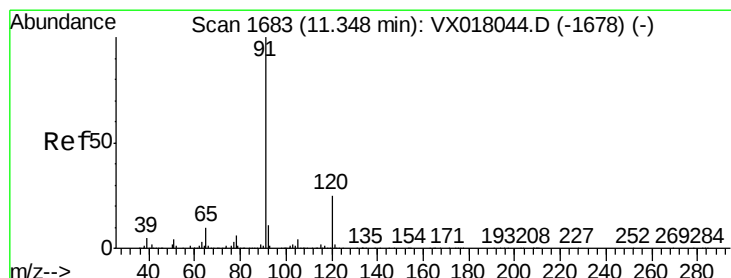
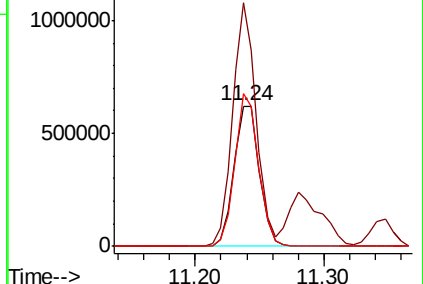
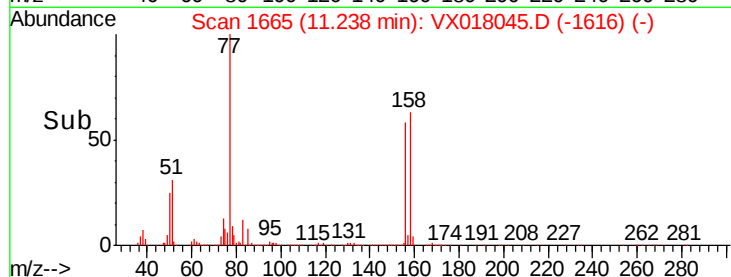
158 101.3 49.5 148.7



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: 96.275 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018045.D

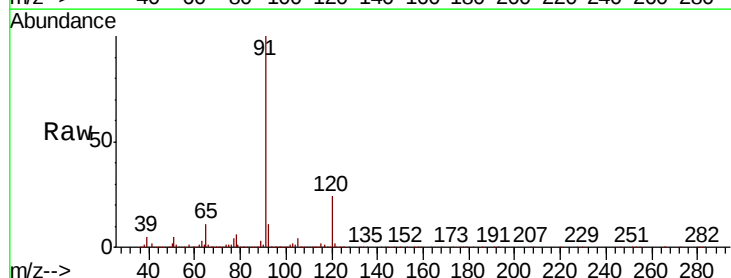
Acq: 20 Aug 2020 20:31

Tgt Ion: 91 Resp: 3699823

Ion Ratio Lower Upper

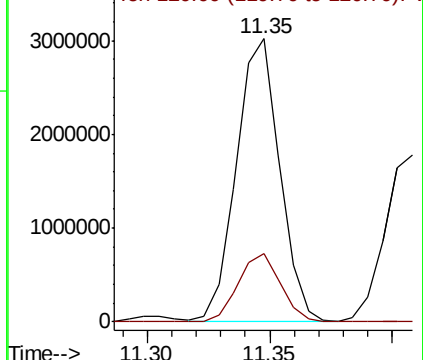
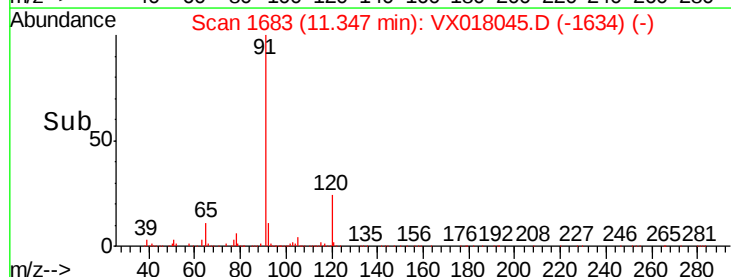
91 100

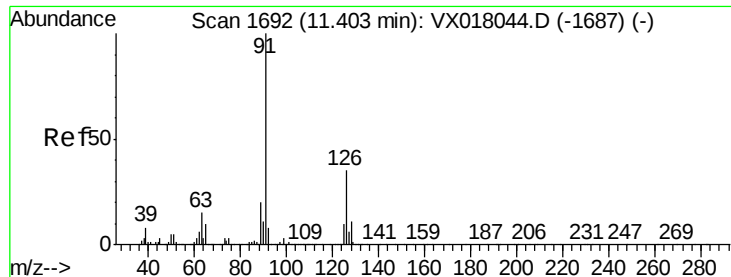
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

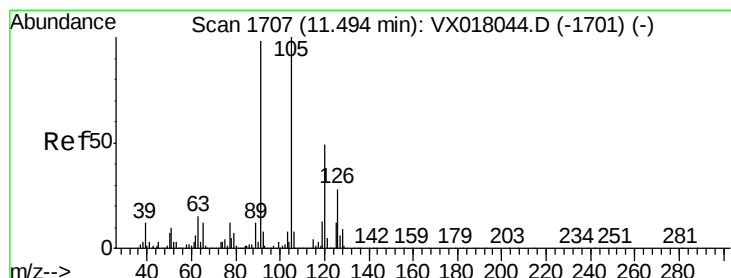
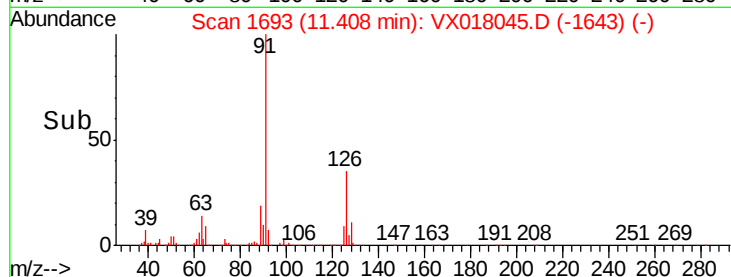
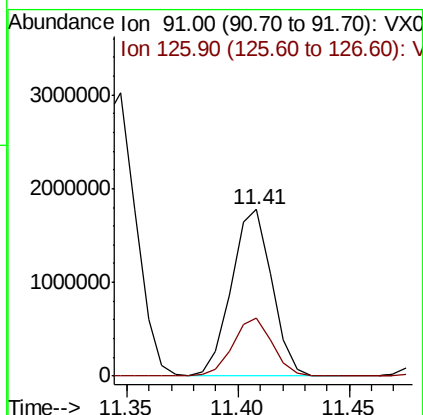
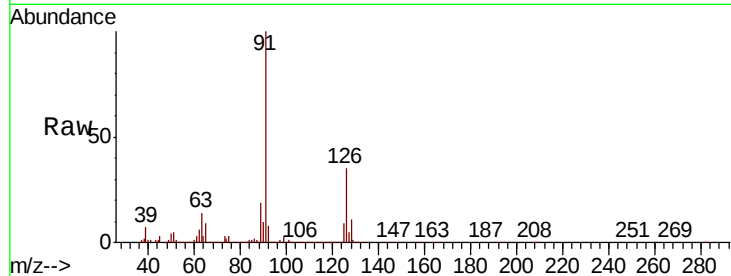




#79
2-Chlorotoluene
Concen: 97.890 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

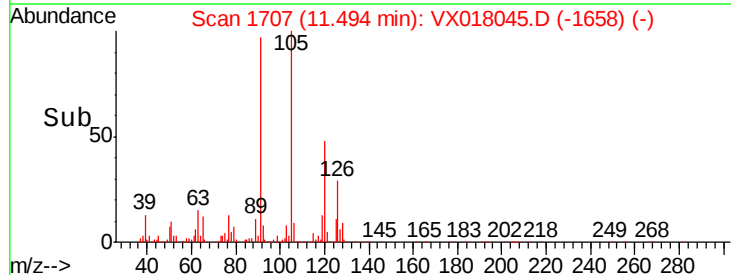
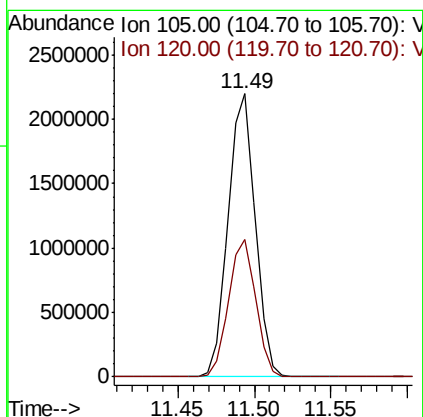
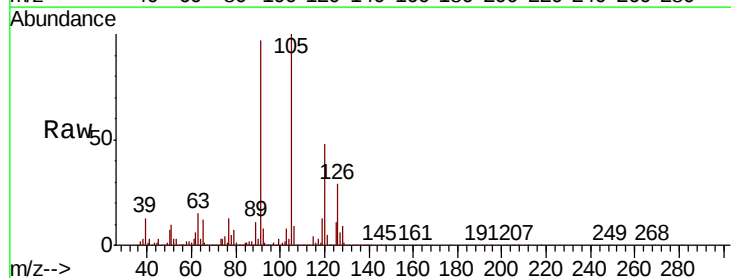
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

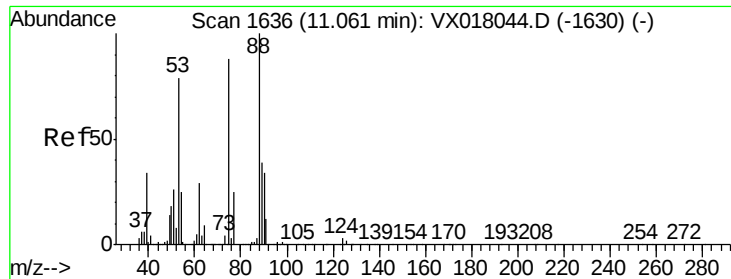
Tot Ion: 91 Resp: 2238941
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 96.312 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion:105 Resp: 2693916
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 95.796 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

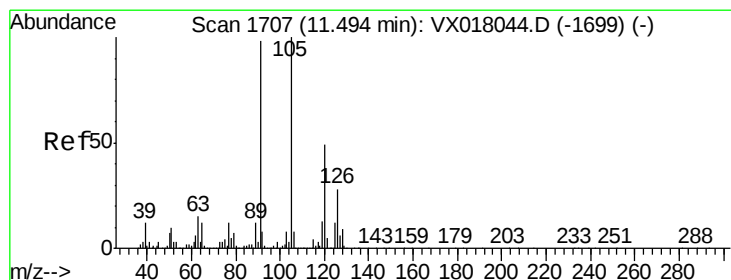
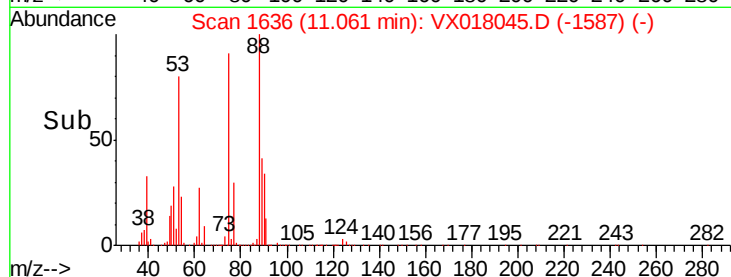
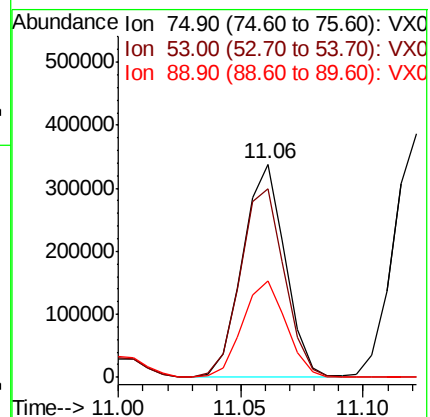
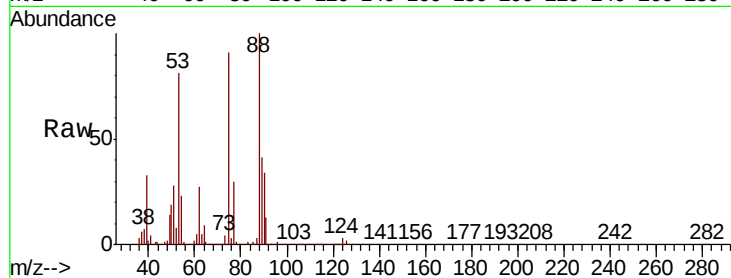
Tot Ion: 75 Resp: 407204

Ion Ratio Lower Upper

75 100

53 91.7 74.7 112.1

89 46.3 36.6 54.8



#82

4-Chlorotoluene

Concen: 97.658 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018045.D

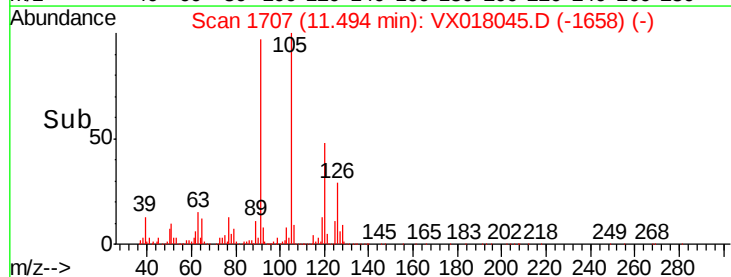
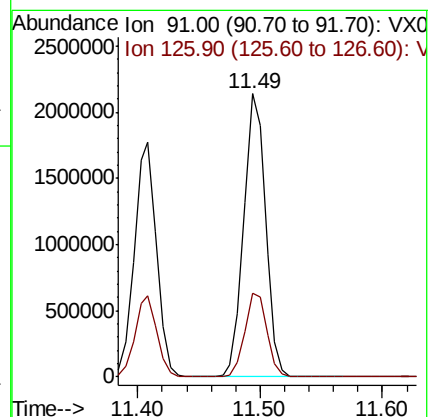
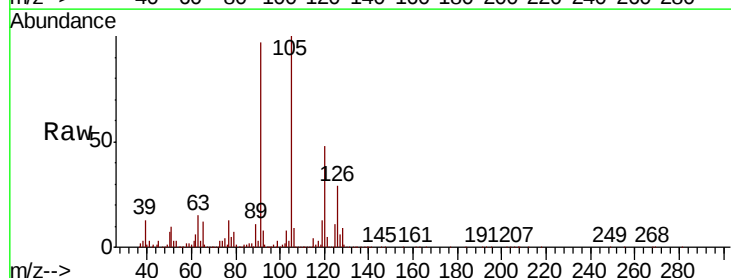
Acq: 20 Aug 2020 20:31

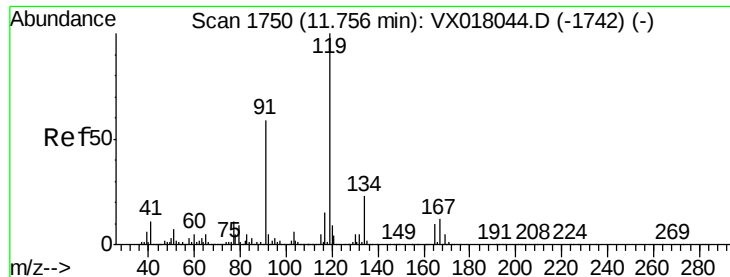
Tgt Ion: 91 Resp: 2634019

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3

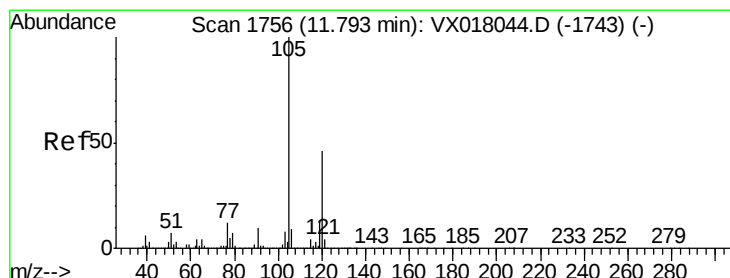
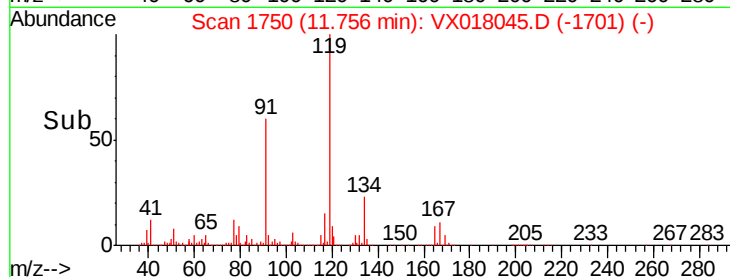
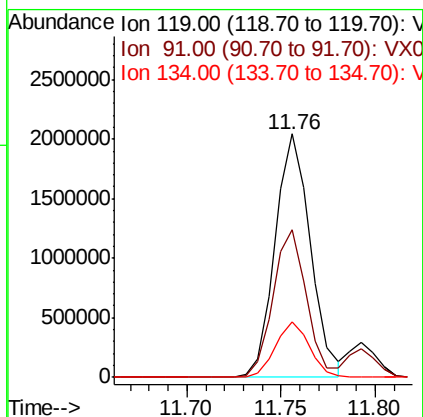
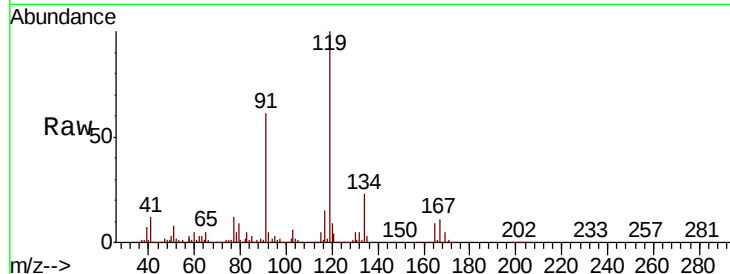




#83
 tert-Butylbenzene
 Concen: 107.858 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

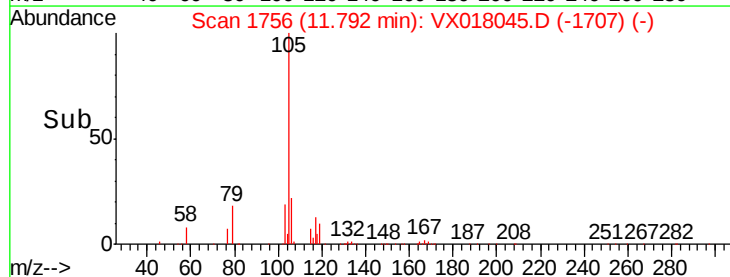
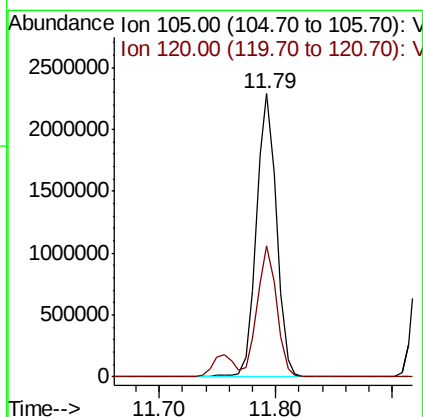
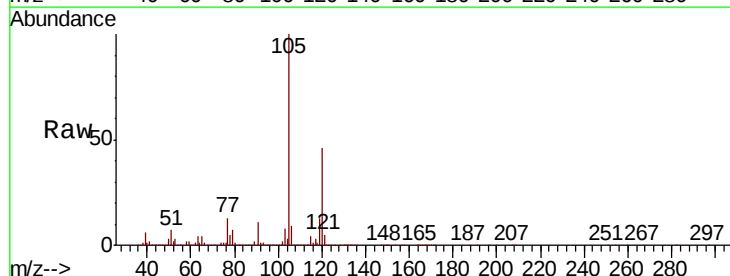
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

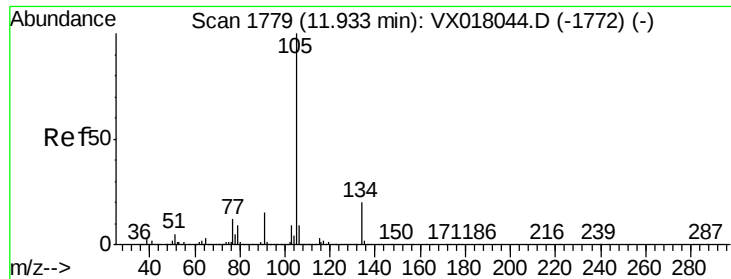
Tot Ion:119 Resp: 2651755
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.2 84.7
 134 21.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 97.020 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion:105 Resp: 2746080
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9

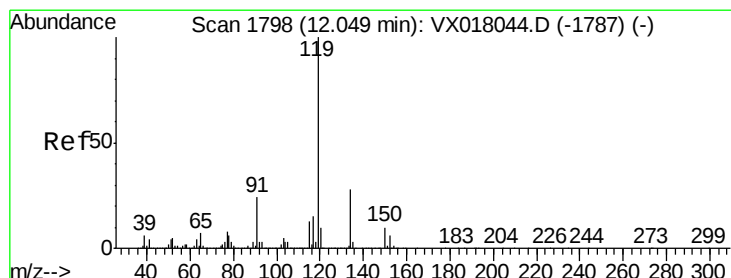
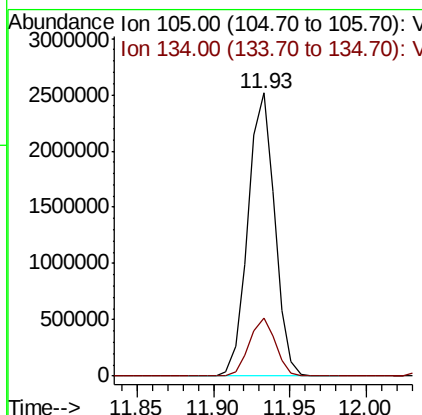
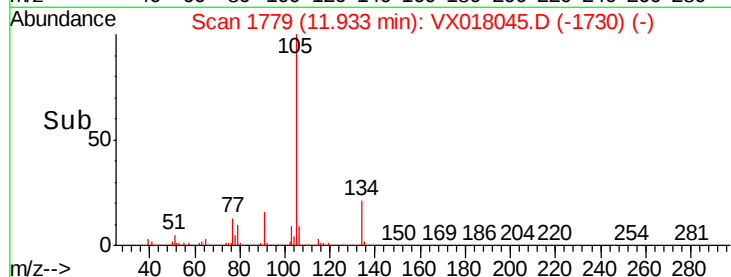
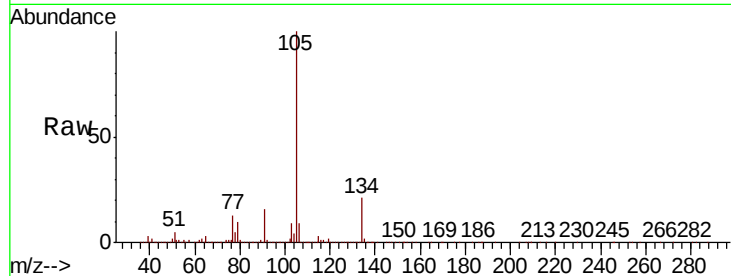




#85
 sec-Butylbenzene
 Concen: 94.034 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

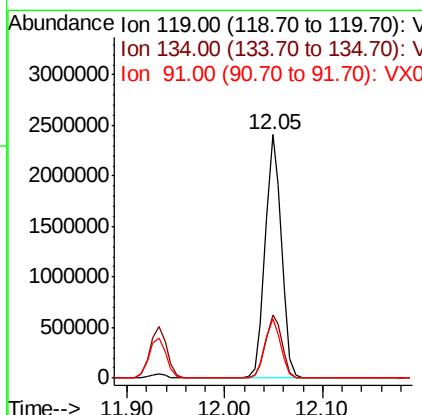
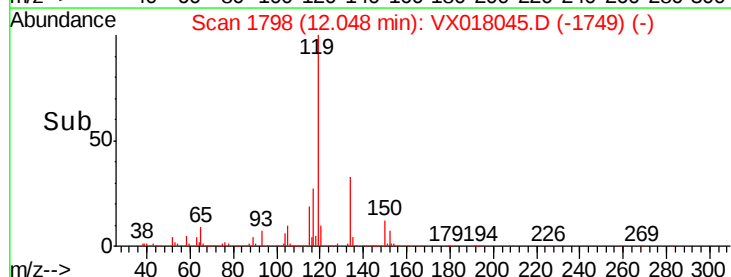
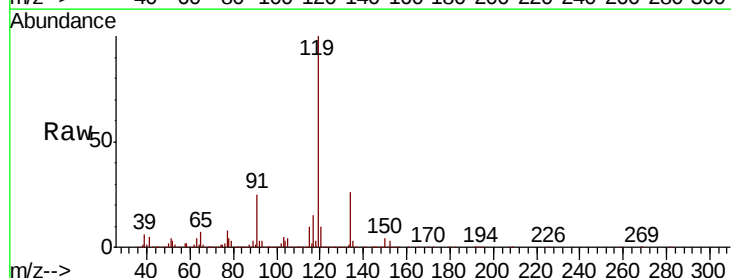
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

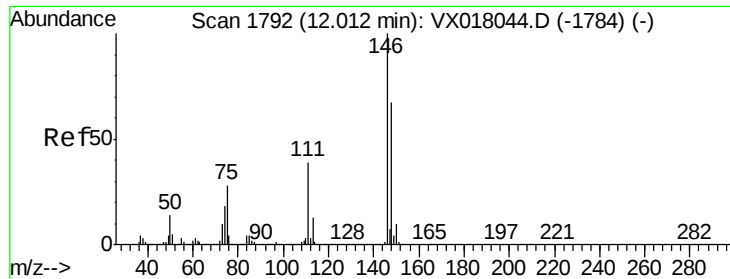
Tot Ion:105 Resp: 3040426
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 93.412 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion:119 Resp: 2803855
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 98.146 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

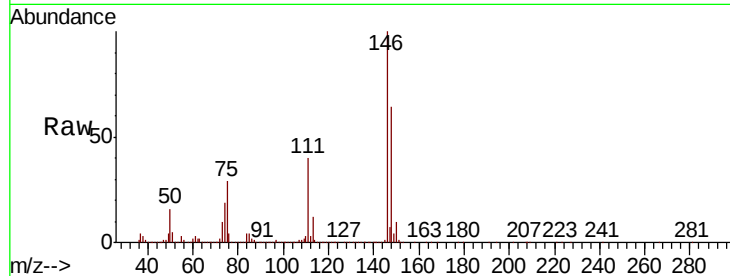
Tot Ion:146 Resp: 1511455

Ion Ratio Lower Upper

146 100

111 39.7 20.6 61.8

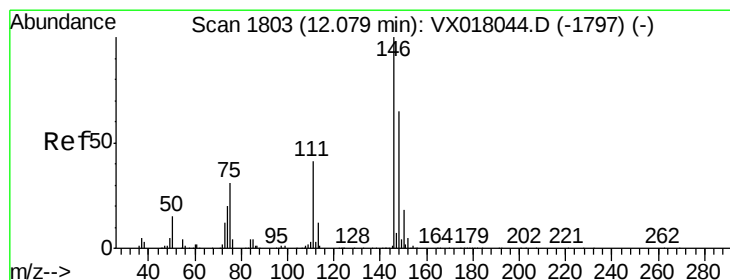
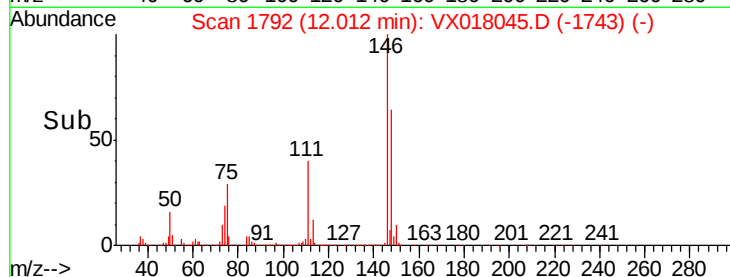
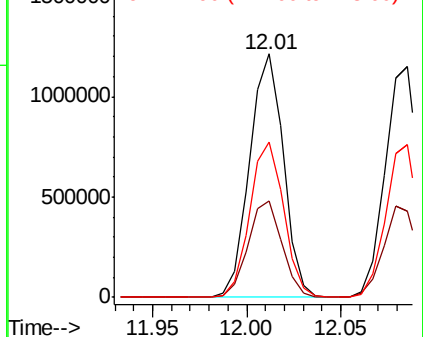
148 63.7 33.1 99.2



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: 94.166 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

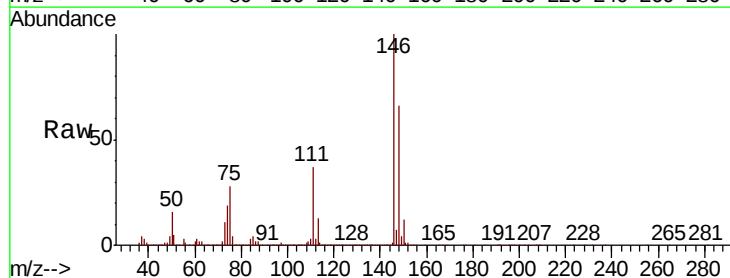
Tgt Ion:146 Resp: 1470107

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

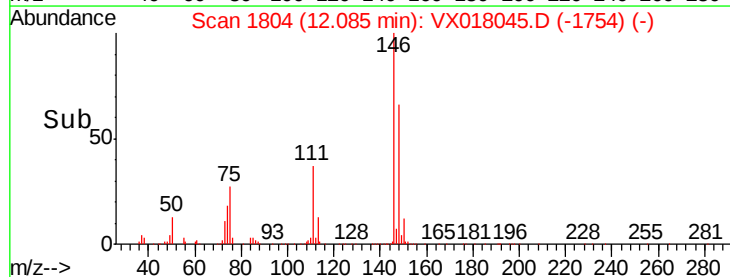
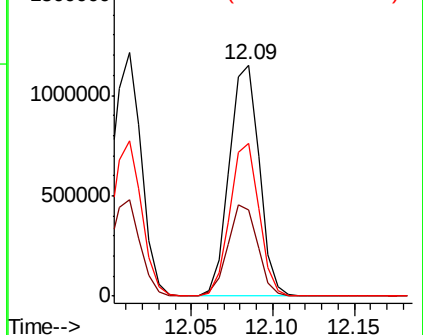
148 64.4 33.1 99.2



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

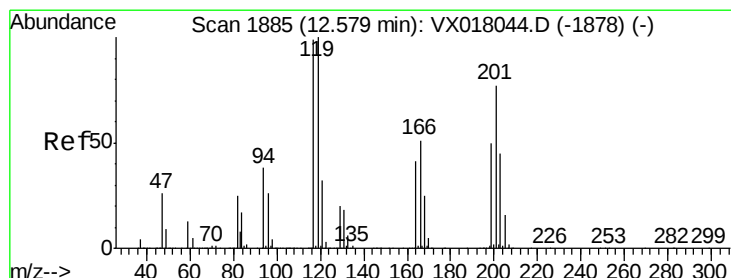
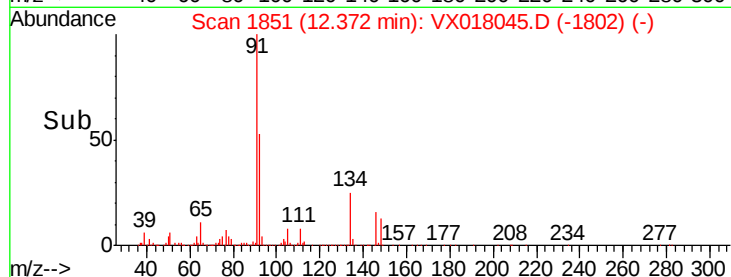
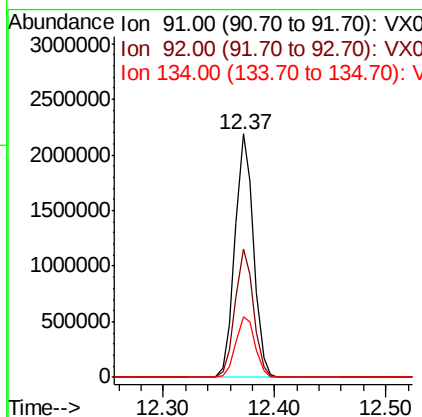
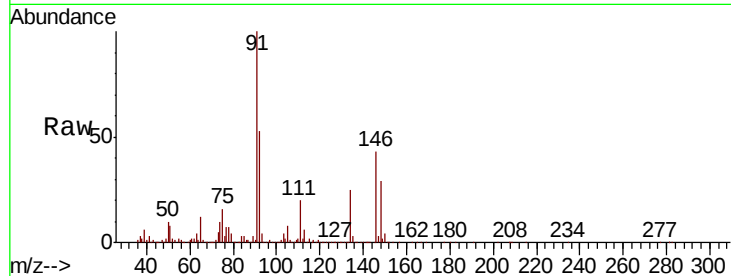




#89
n-Butylbenzene
Concen: 92.138 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

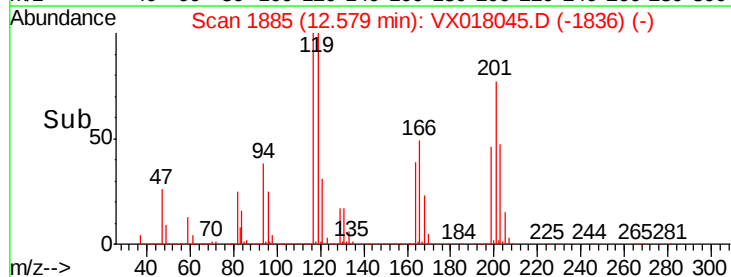
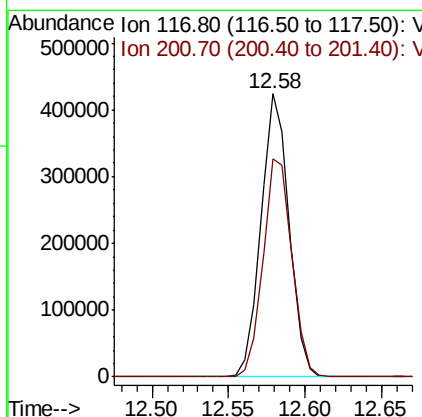
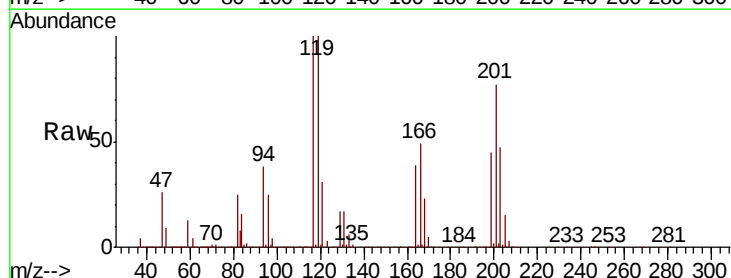
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 91 Resp: 2521435
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 103.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018045.D
Acq: 20 Aug 2020 20:31

Tgt Ion: 117 Resp: 542930
Ion Ratio Lower Upper
117 100
201 79.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 95.648 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

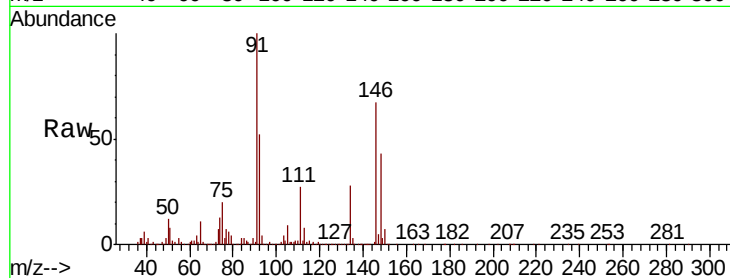
Tot Ion:146 Resp: 1421975

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.5

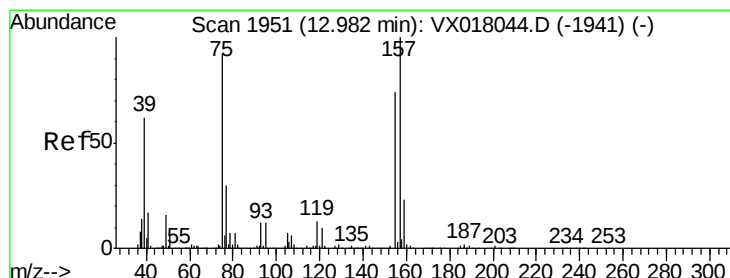
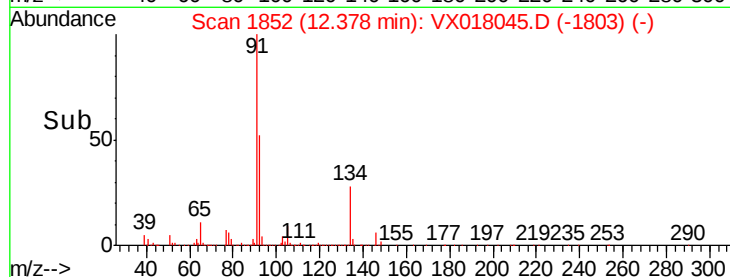
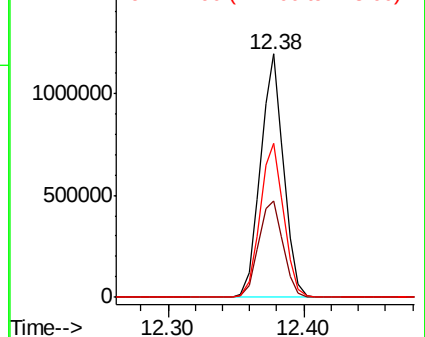
148 64.6 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 102.258 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

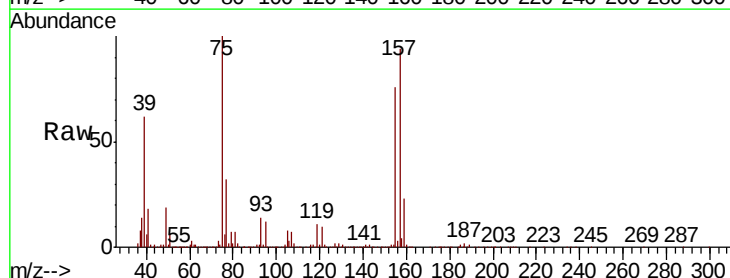
Tgt Ion: 75 Resp: 279630

Ion Ratio Lower Upper

75 100

155 83.9 40.2 120.6

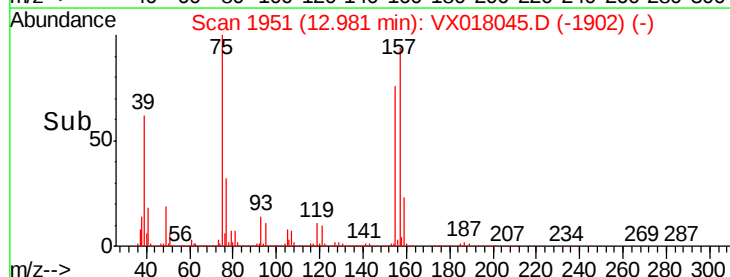
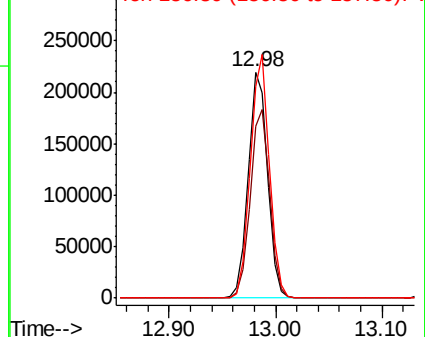
157 105.9 55.0 165.2

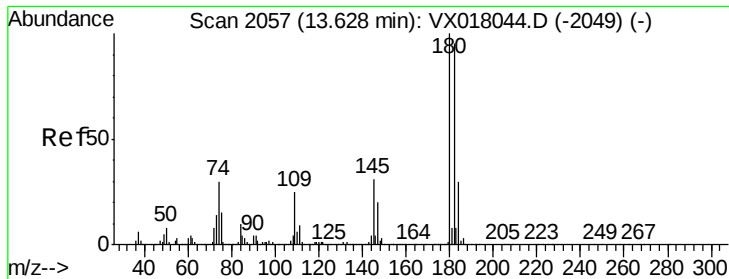


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

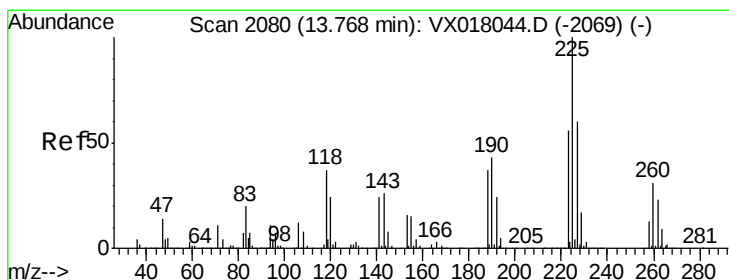
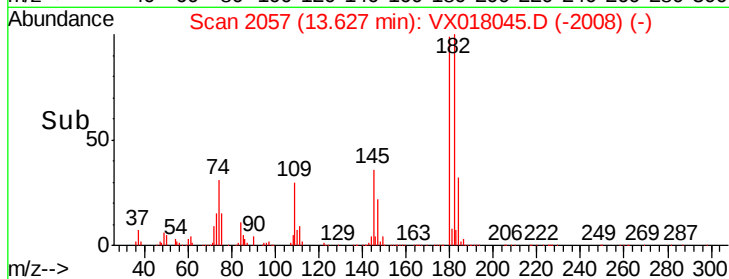
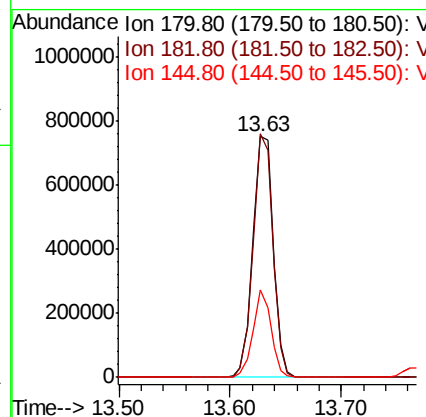
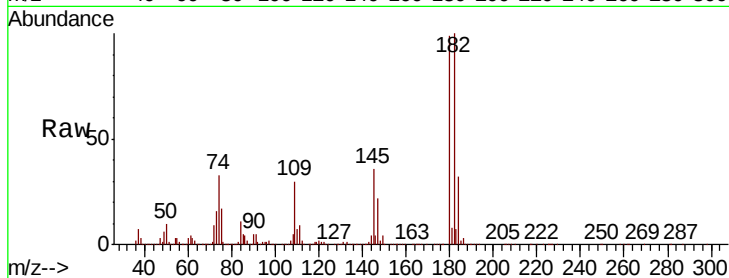




#93
 1,2,4-Trichlorobenzene
 Concen: 88.607 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

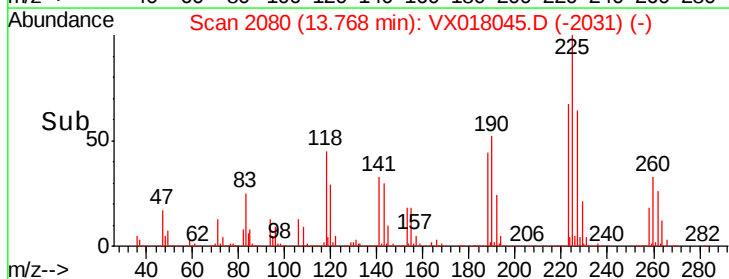
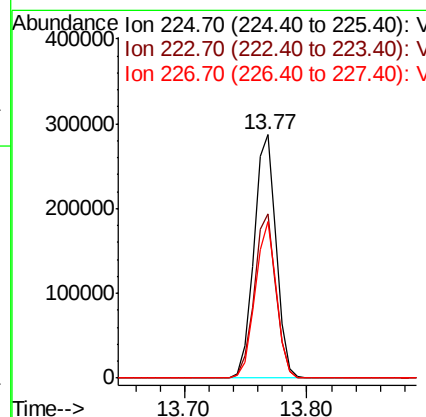
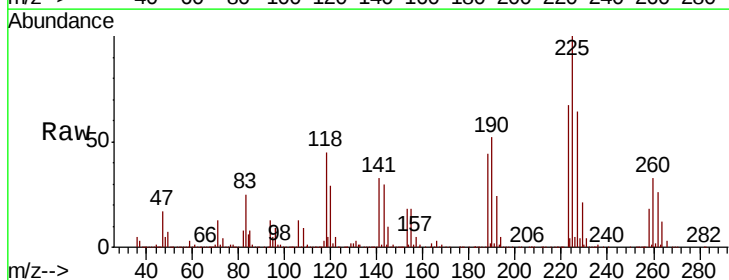
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

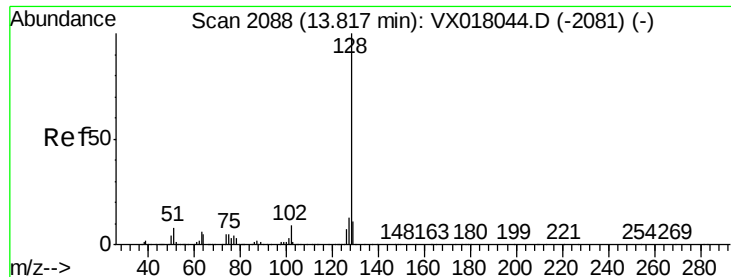
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.6
145	32.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 73.831 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018045.D
 Acq: 20 Aug 2020 20:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	30.7	92.1
227	62.1	32.6	97.8





#95

Naphthalene

Concen: 95.931 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

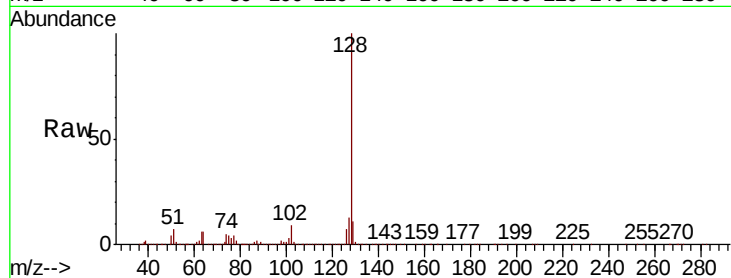
Tot Ion:128 Resp: 3374923

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

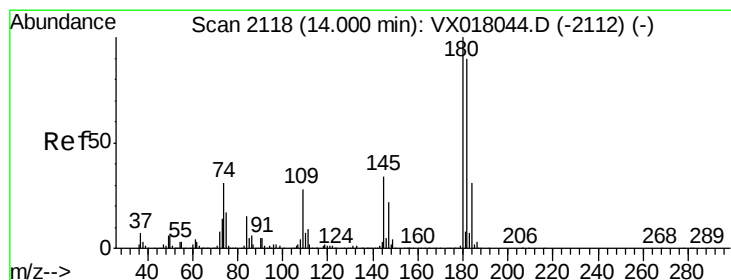
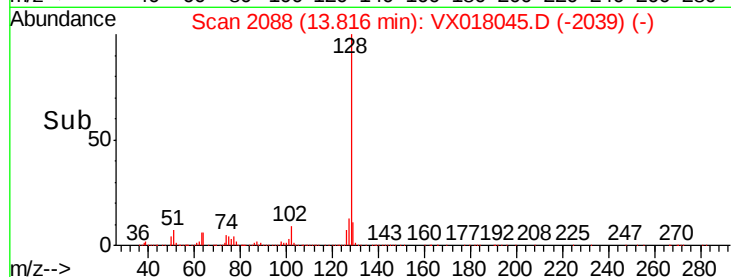
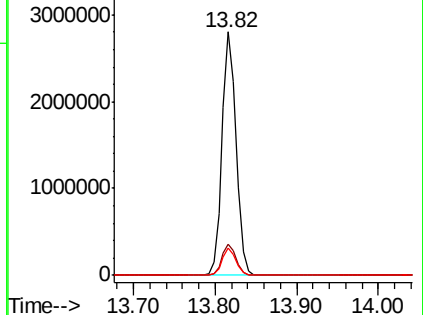
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 90.580 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018045.D

Acq: 20 Aug 2020 20:31

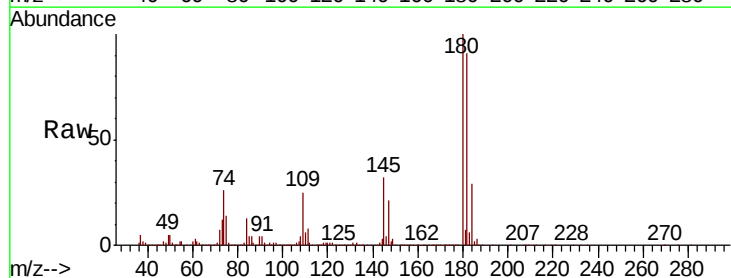
Tgt Ion:180 Resp: 955612

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 34.1 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

