

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016951.D
 Acq On : 25 Jun 2020 13:49
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 26 08:53:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	39822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	218376	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	203939	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91774	29.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.70%
60) 4-Bromofluorobenzene	11.12	95	104948	30.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.87%
63) Toluene-d8	8.70	98	267581	29.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.23%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	191629	98.959	ug/l	98
3) Chloromethane	1.31	50	261607	99.621	ug/l	100
4) Vinyl Chloride	1.39	62	267406	99.854	ug/l	96
5) Bromomethane	1.62	94	167181	86.702	ug/l	98
6) Chloroethane	1.70	64	172008	99.590	ug/l	99
7) Trichlorofluoromethane	1.91	101	435548	100.006	ug/l	100
8) Diethyl Ether	2.17	74	159107	100.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	226875	98.153	ug/l	97
10) 1,1-Dichloroethene	2.36	96	228757	100.345	ug/l	94
11) Methyl Iodide	2.49	142	344108	113.048	ug/l	99
12) Methyl Acetate	2.75	43	292629	101.762	ug/l	97
13) Acrolein	2.27	56	235856	519.792	ug/l	100
14) Acrylonitrile	3.12	53	691532	507.743	ug/l	99
15) Acetone	2.42	58	177139	502.575	ug/l	99
16) Carbon Disulfide	2.55	76	710372	99.123	ug/l	98
17) Allyl chloride	2.70	41	438726	102.803	ug/l	97
18) Methylene Chloride	2.84	84	266951	97.221	ug/l	94
19) trans-1,2-Dichloroethene	3.14	96	259518	100.472	ug/l	94
20) Diisopropyl ether	3.82	45	884650	103.725	ug/l	96
21) 1,1-Dichloroethane	3.67	63	479579	101.976	ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	293957	102.218	ug/l	99
23) tert-Butyl Alcohol	3.02	59	307244	1924.528	ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	843079	103.572	ug/l	99
25) Chloroform	5.18	83	482390	101.169	ug/l	99
26) Cyclohexane	5.55	56	419648	102.293	ug/l #	98
29) 1,1-Dichloropropene	5.77	75	361704	101.675	ug/l	99
30) 2-Butanone	4.64	43	961889	518.739	ug/l	100
31) 2,2-Dichloropropane	4.55	77	412916	101.208	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	437134	101.551	ug/l	99
33) Carbon Tetrachloride	5.76	117	391869	102.652	ug/l	99
34) Benzene	6.11	78	1055294	101.878	ug/l	98
35) Methacrylonitrile	5.01	41	212770	103.972	ug/l	98
36) 1,2-Dichloroethane	6.16	62	401191	101.128	ug/l	98
37) Trichloroethene	7.18	130	286797	101.467	ug/l	92
38) Methylcyclohexane	7.44	83	419436	103.532	ug/l	99
39) 1,2-Dichloropropane	7.49	63	275156	101.961	ug/l	95
40) Dibromomethane	7.63	93	188624	101.415	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	399118	103.630	ug/l	94
42) Vinyl Acetate	3.79	43	3944984	527.942	ug/l	100
43) Ethyl Acetate	4.79	43	391524	102.194	ug/l	100
44) Isopropyl Acetate	6.42	43	661898	104.548	ug/l	100
45) 1,4-Dioxane	7.71	88	134073	2099.148	ug/l	97
46) Methyl methacrylate	7.74	41	319258	108.968	ug/l	98
47) n-amyl Acetate	10.88	43	620442	110.871	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	454134	106.644	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	465207	103.949	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	265413	102.250	ug/l	97
51) Ethyl methacrylate	9.16	69	430419	108.048	ug/l	97
52) 1,3-Dichloropropane	9.35	76	457309	102.617	ug/l	98
53) Dibromochloromethane	9.57	129	312866	104.867	ug/l	100
54) 1,2-Dibromoethane	9.65	107	284089	103.141	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	1105364	527.293	ug/l	100
56) Bromoform	10.84	173	229948	108.577	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1951352	519.445	ug/l	99
59) 2-Hexanone	9.48	43	1501038	535.395	ug/l	99
61) Tetrachloroethene	9.32	164	258698	99.467	ug/l	95
62) Toluene	8.77	91	1135161	101.767	ug/l	100
64) Chlorobenzene	10.12	112	712022	101.889	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	274982	104.525	ug/l	99
66) Ethyl Benzene	10.24	91	1286171	103.977	ug/l	100
67) m/p-Xylenes	10.34	106	968932	207.645	ug/l	100
68) o-Xylene	10.68	106	468427	104.504	ug/l	99
69) Styrene	10.70	104	828828	107.992	ug/l	99
70) Isopropylbenzene	11.00	105	1261731	103.783	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	387021	103.655	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	482655	134.610	ug/l	90
73) Bromobenzene	11.24	156	323979	105.590	ug/l	98
74) n-propylbenzene	11.35	91	1530549	106.030	ug/l	99
75) 2-Chlorotoluene	11.40	91	888233	105.522	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1090588	106.870	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	156049	107.391	ug/l	98
78) 4-Chlorotoluene	11.49	91	1052848	105.639	ug/l	99
79) tert-butylbenzene	11.76	119	1042151	106.605	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	1086232	106.027	ug/l	99
81) sec-Butylbenzene	11.93	105	1259854	106.443	ug/l	98
82) p-Isopropyltoluene	12.05	119	1136706	106.364	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	562300	102.265	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	560818	101.514	ug/l	99
85) n-Butylbenzene	12.37	91	1053026	106.453	ug/l	99
86) Hexachloroethane	12.58	117	221167	105.749	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	533476	103.658	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	90885	106.989	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	366336	105.506	ug/l	98
90) Hexachlorobutadiene	13.77	225	132654	100.431	ug/l	99
91) Naphthalene	13.82	128	1225566	107.684	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	351941	103.865	ug/l	98

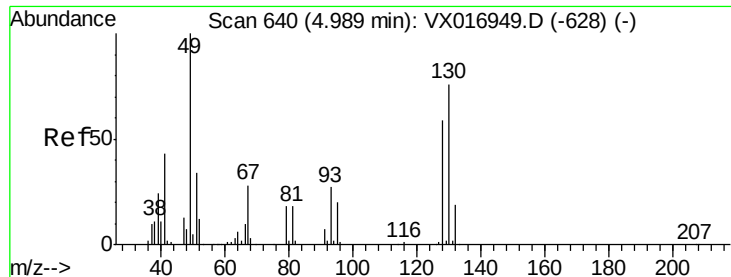
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

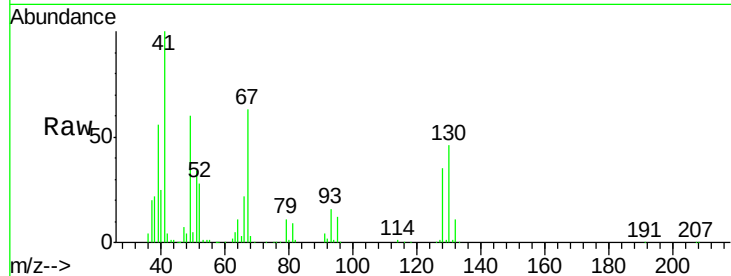
Tgt Ion:128 Resp: 39822

Ion Ratio Lower Upper

128 100

49 172.5 0.0 428.0

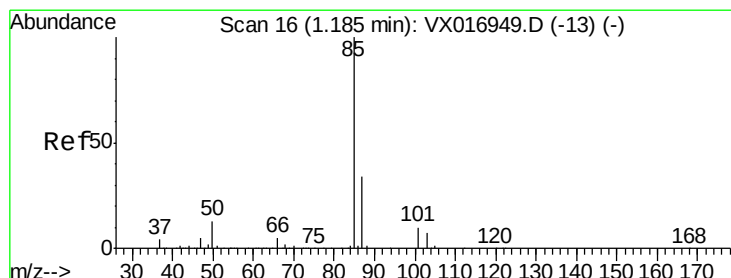
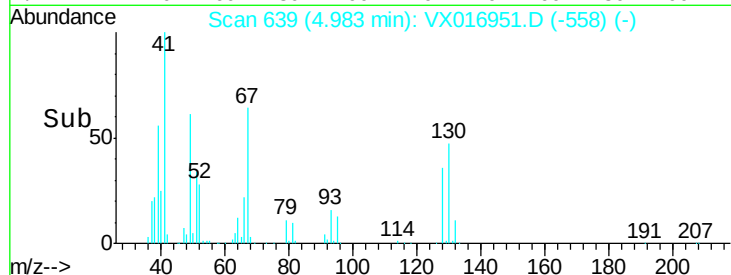
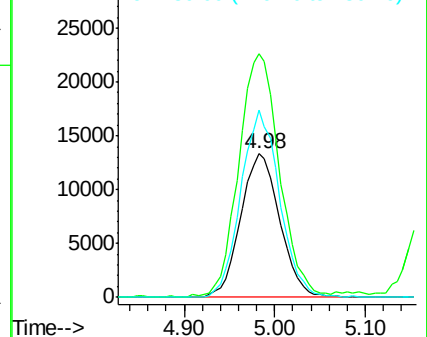
130 129.0 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 98.959 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016951.D

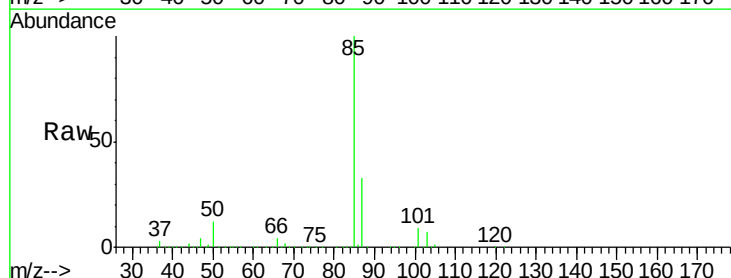
Acq: 25 Jun 2020 13:49

Tgt Ion: 85 Resp: 191629

Ion Ratio Lower Upper

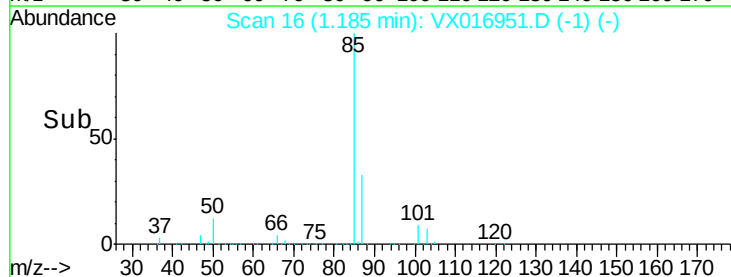
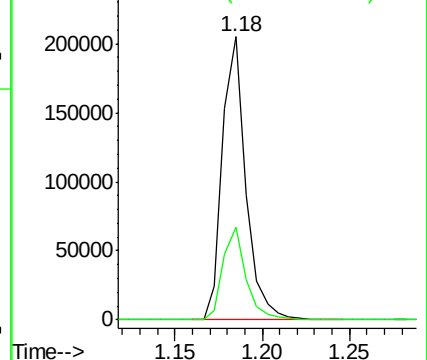
85 100

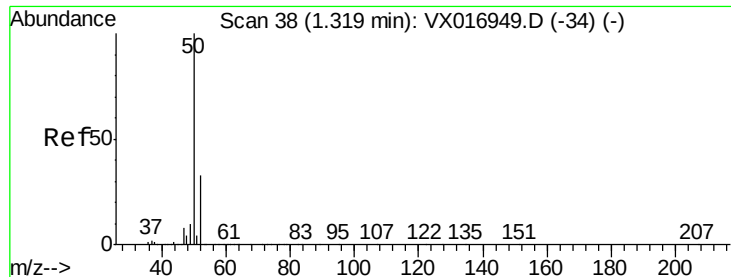
87 32.9 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 99.621 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

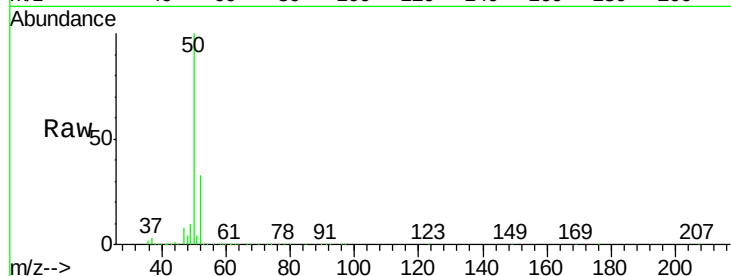
VSTDIC100

Tgt Ion: 50 Resp: 261607

Ion Ratio Lower Upper

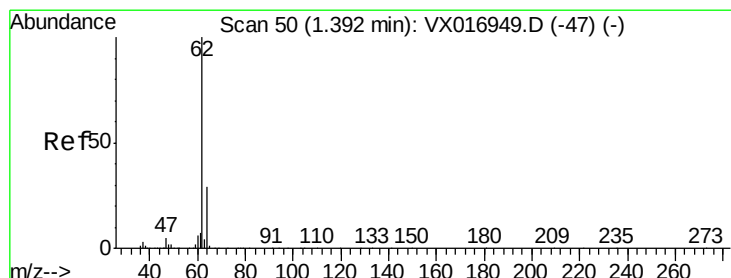
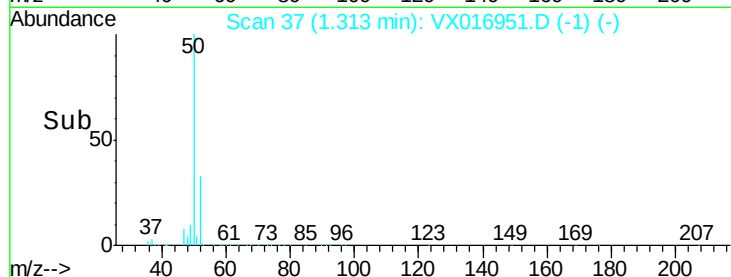
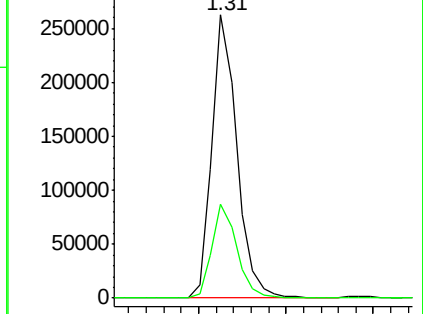
50 100

52 33.2 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 99.854 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016951.D

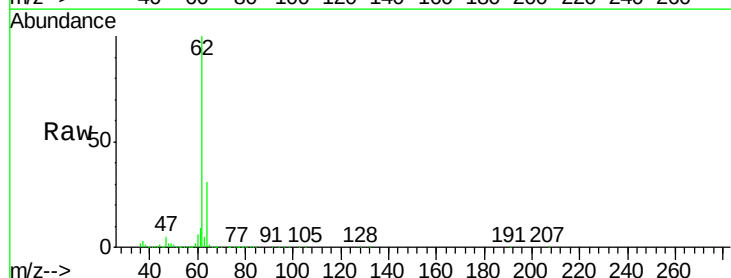
Acq: 25 Jun 2020 13:49

Tgt Ion: 62 Resp: 267406

Ion Ratio Lower Upper

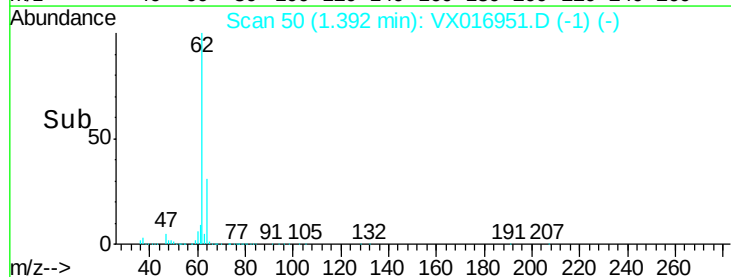
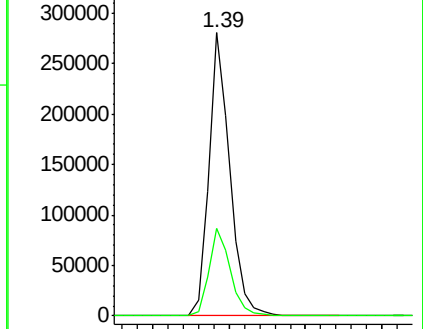
62 100

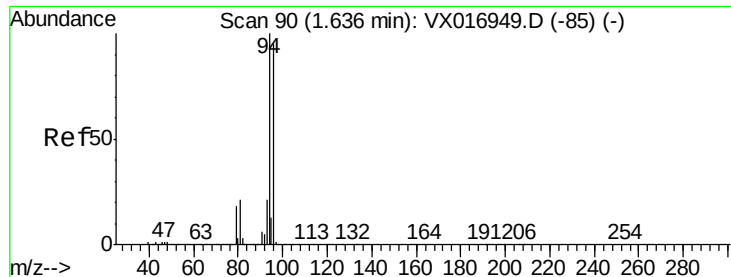
64 31.1 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 86.702 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

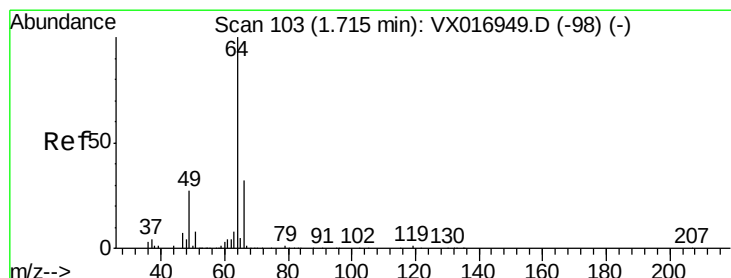
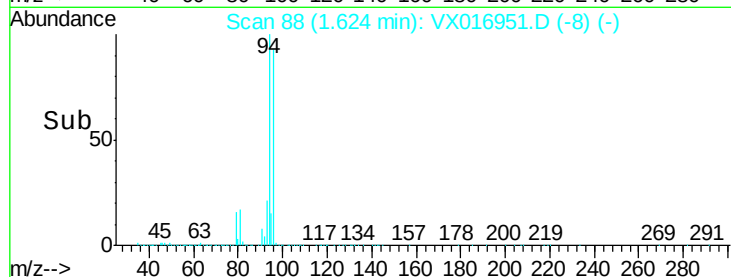
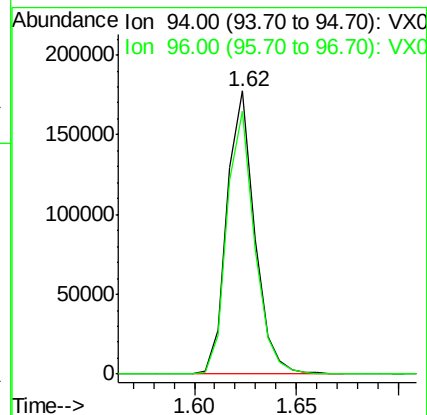
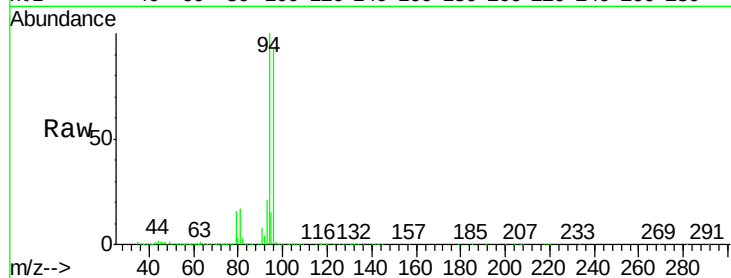
VSTDIC100

Tgt Ion: 94 Resp: 167181

Ion Ratio Lower Upper

94 100

96 92.9 75.5 113.3



#6

Chloroethane

Concen: 99.590 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016951.D

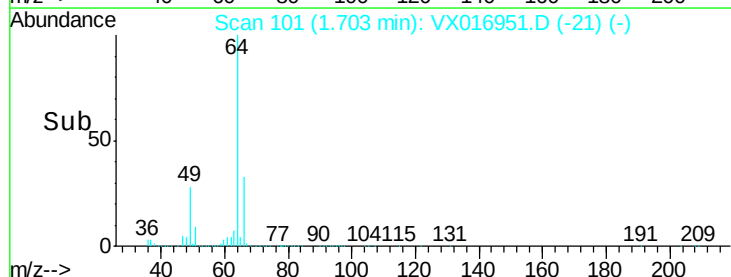
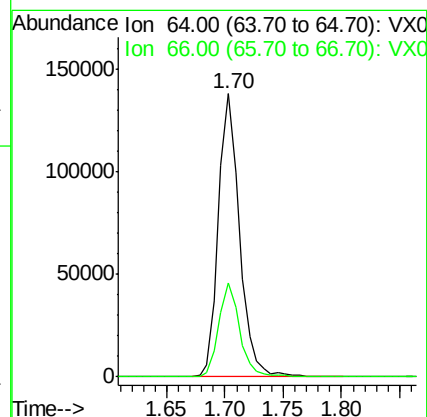
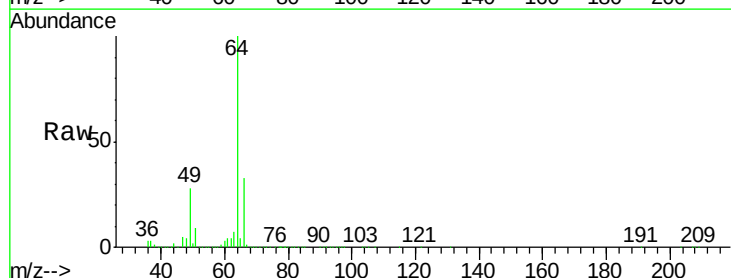
Acq: 25 Jun 2020 13:49

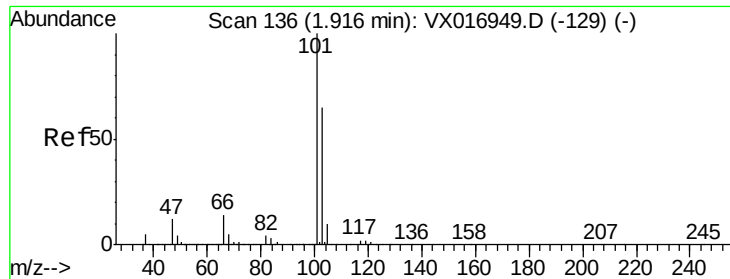
Tgt Ion: 64 Resp: 172008

Ion Ratio Lower Upper

64 100

66 33.2 26.1 39.1



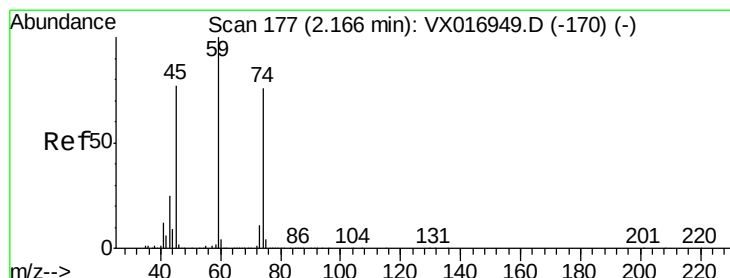
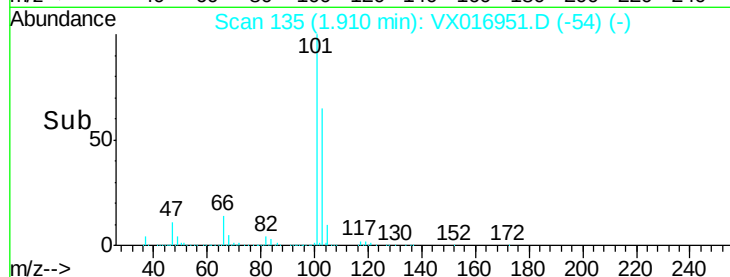
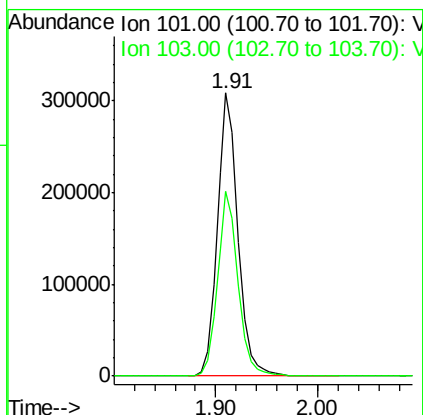
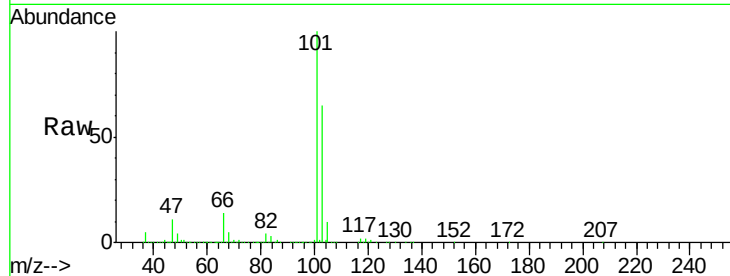


#7

Trichlorofluoromethane
Concen: 100.006 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

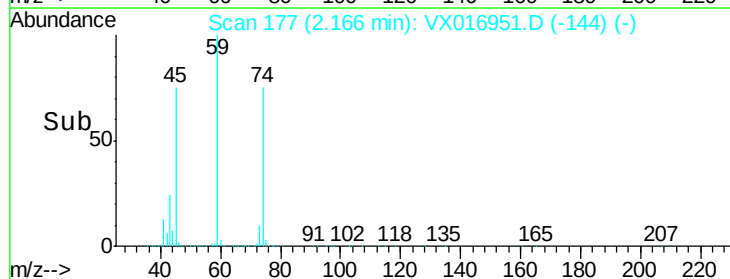
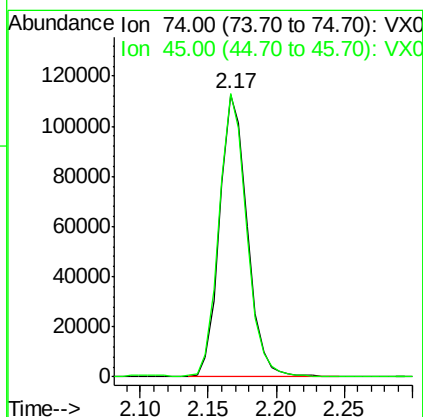
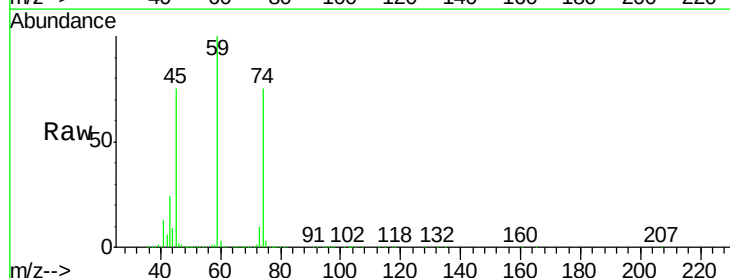
Tgt Ion:101 Resp: 435548
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1

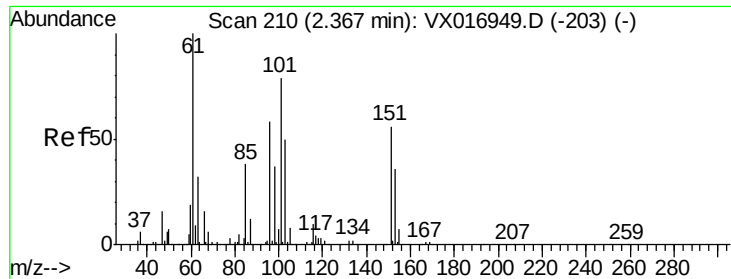


#8

Diethyl Ether
Concen: 100.401 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 74 Resp: 159107
Ion Ratio Lower Upper
74 100
45 99.7 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.153 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

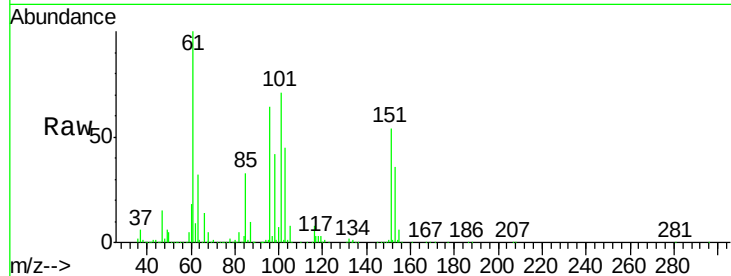
Tgt Ion: 101 Resp: 226875

Ion Ratio Lower Upper

101 100

85 46.1 0.0 94.6

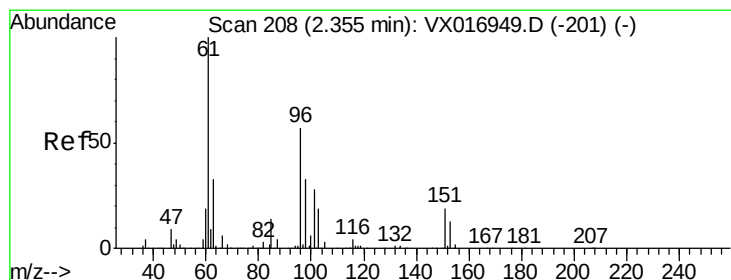
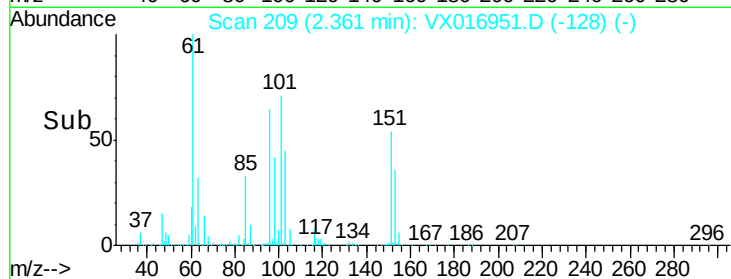
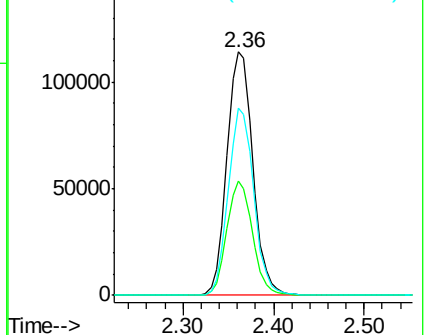
151 76.0 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 100.345 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

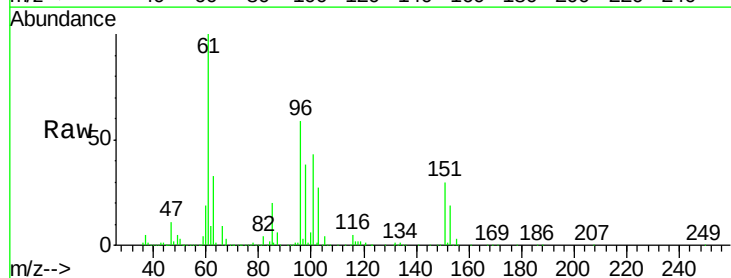
Tgt Ion: 96 Resp: 228757

Ion Ratio Lower Upper

96 100

61 169.5 141.3 211.9

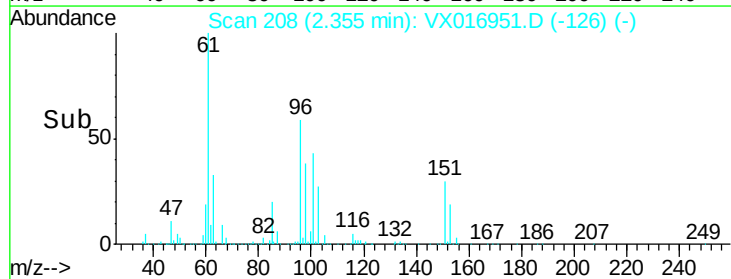
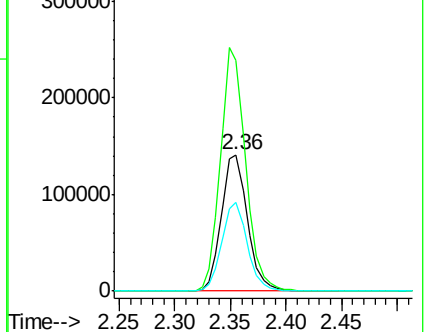
98 65.1 47.0 70.4

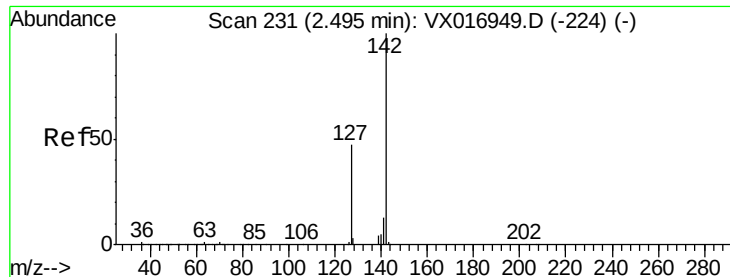


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

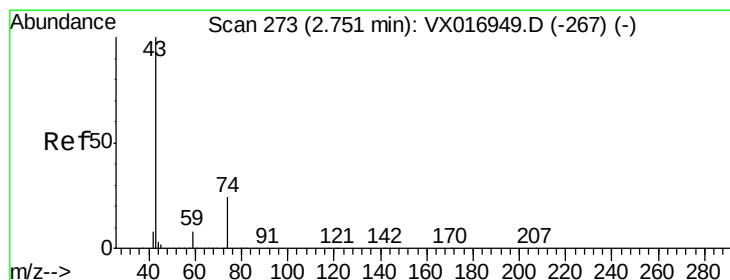
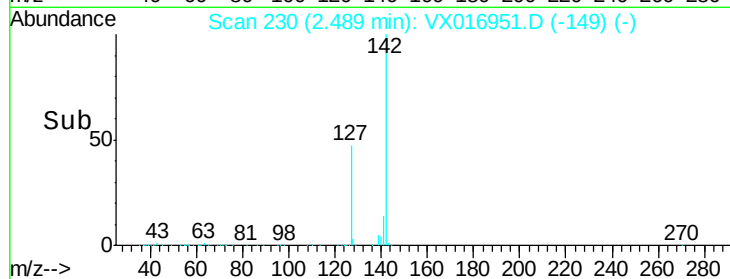
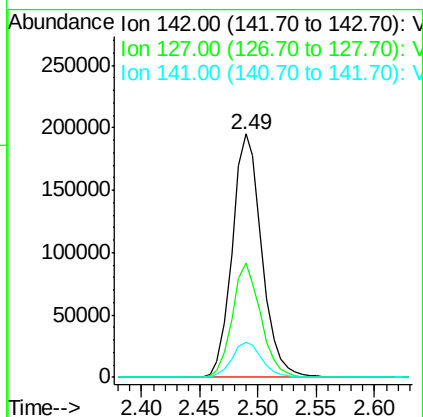
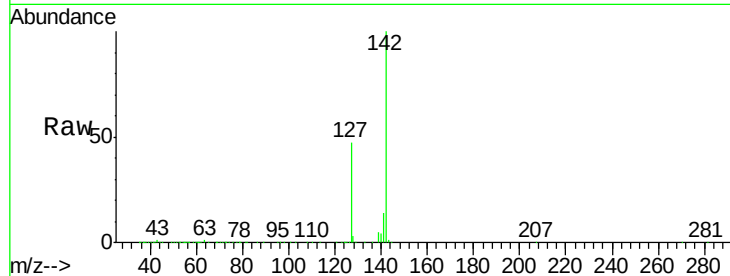




#11
Methyl Iodide
Concen: 113.048 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

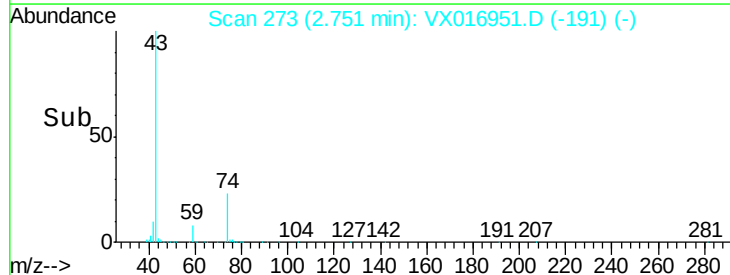
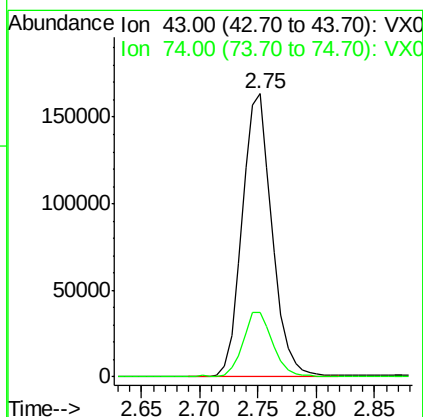
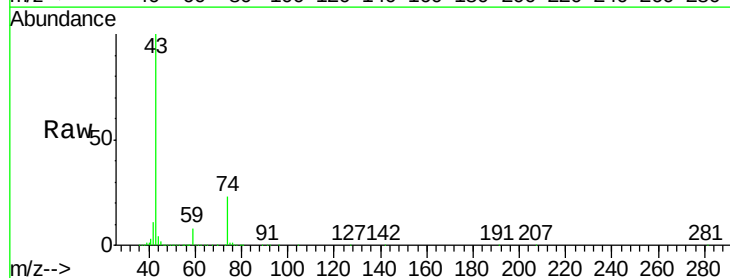
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

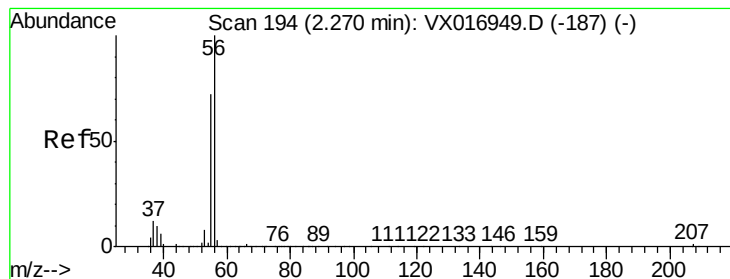
Tgt Ion:142 Resp: 344108
Ion Ratio Lower Upper
142 100
127 47.2 23.3 69.9
141 14.2 6.7 20.1



#12
Methyl Acetate
Concen: 101.762 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 43 Resp: 292629
Ion Ratio Lower Upper
43 100
74 22.5 19.1 28.7





#13

Acrolein

Concen: 519.792 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

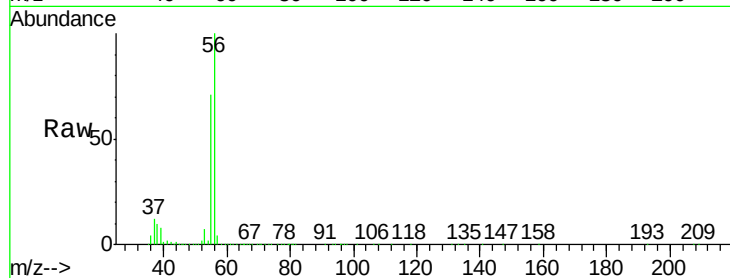
VSTDIC100

Tgt Ion: 56 Resp: 235856

Ion Ratio Lower Upper

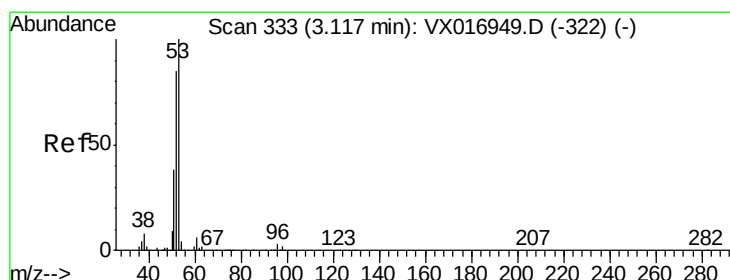
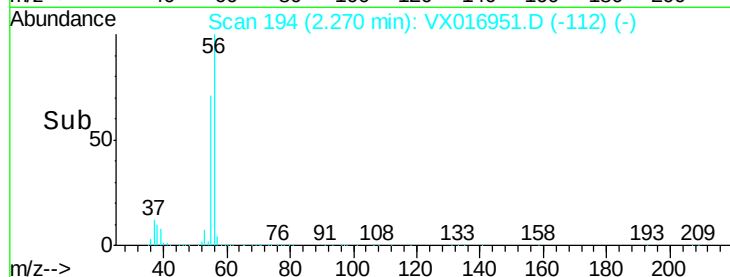
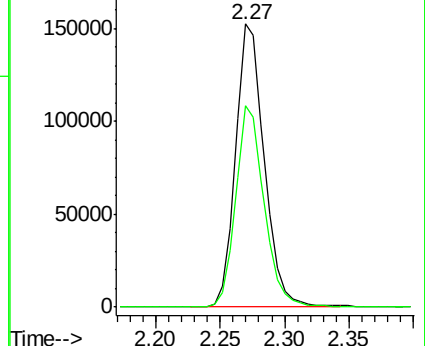
56 100

55 70.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 507.743 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

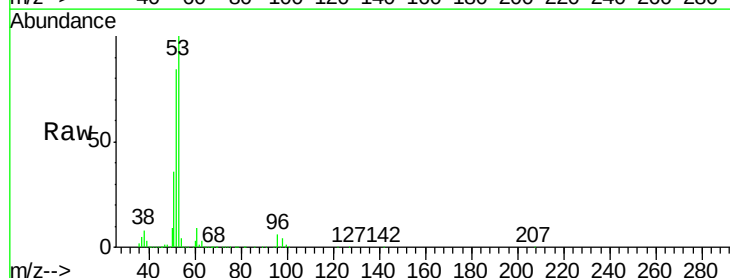
Tgt Ion: 53 Resp: 691532

Ion Ratio Lower Upper

53 100

52 82.7 40.6 121.8

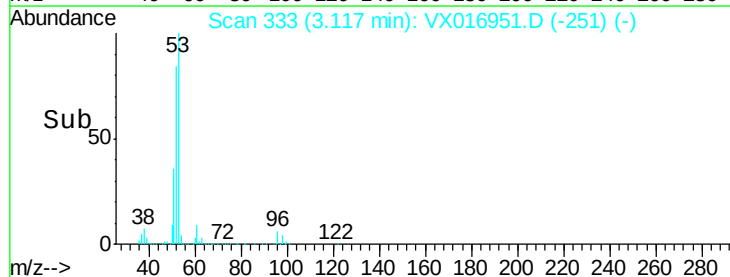
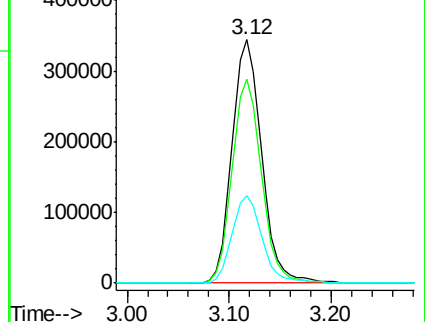
51 36.6 18.4 55.4

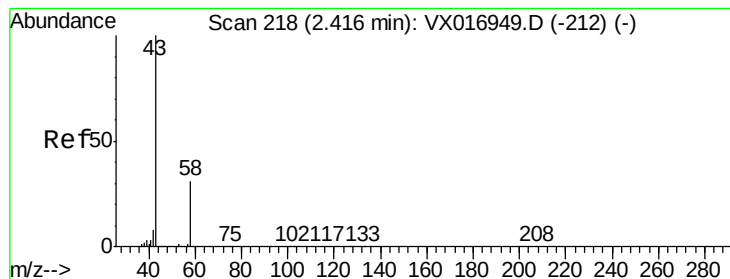


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 502.575 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

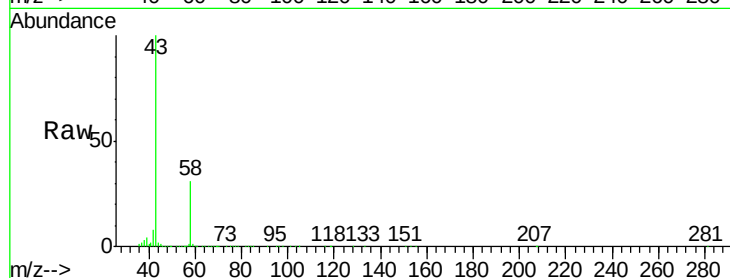
VSTDIC100

Tgt Ion: 58 Resp: 177139

Ion Ratio Lower Upper

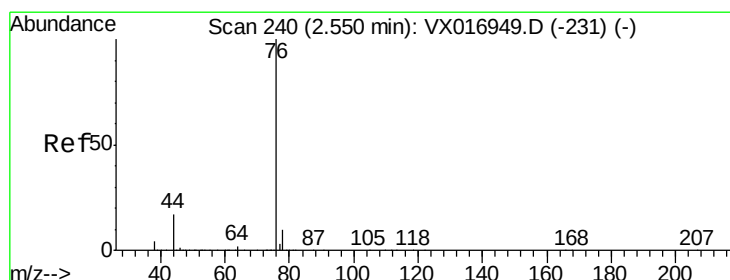
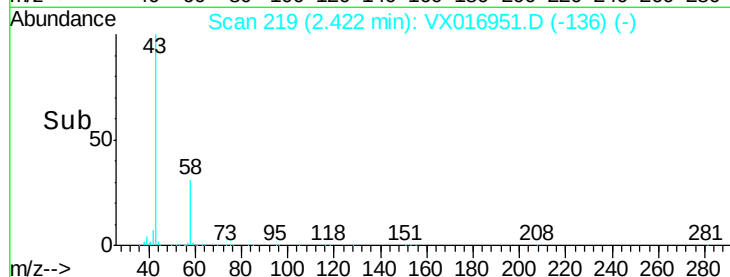
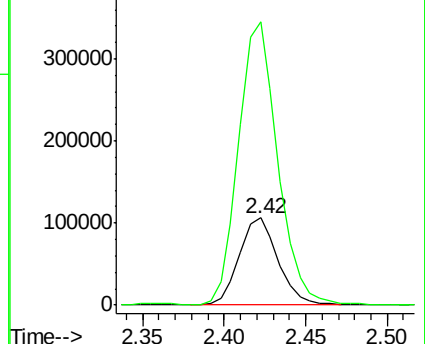
58 100

43 323.6 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 99.123 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016951.D

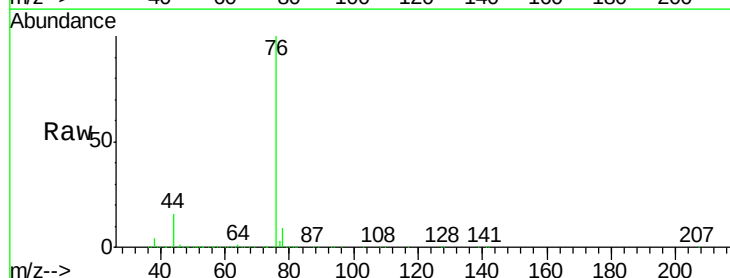
Acq: 25 Jun 2020 13:49

Tgt Ion: 76 Resp: 710372

Ion Ratio Lower Upper

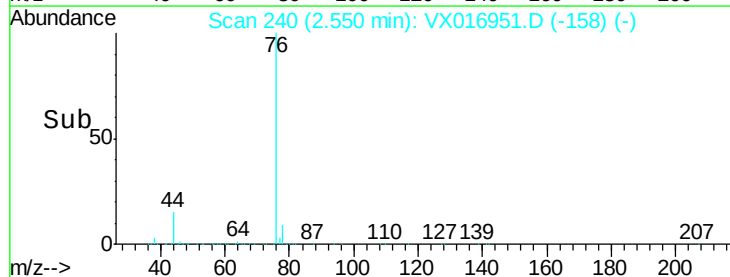
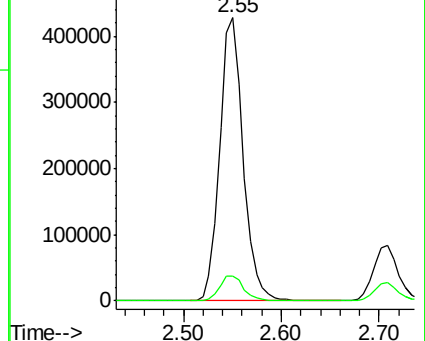
76 100

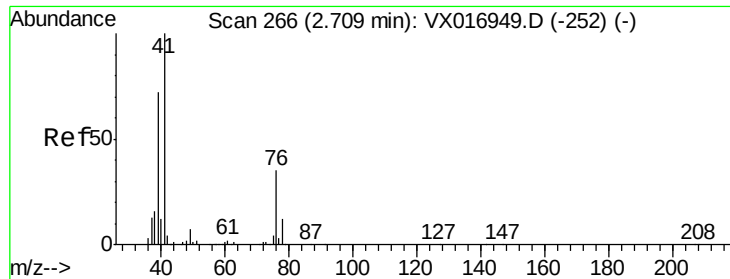
78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

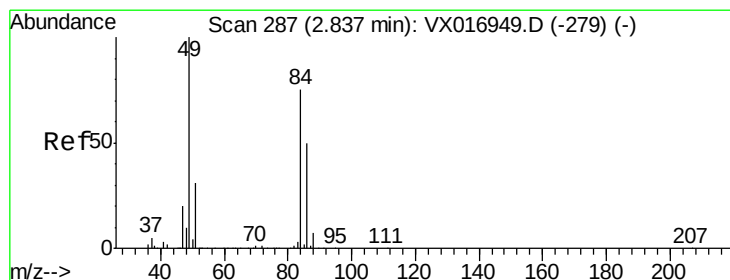
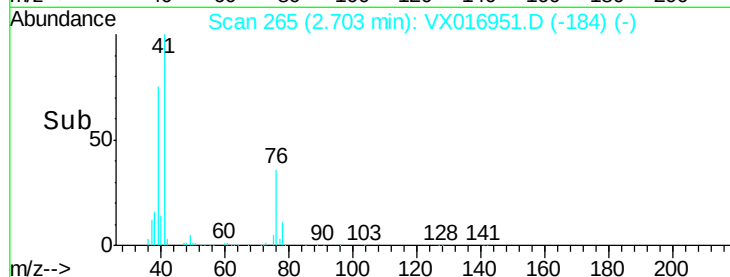
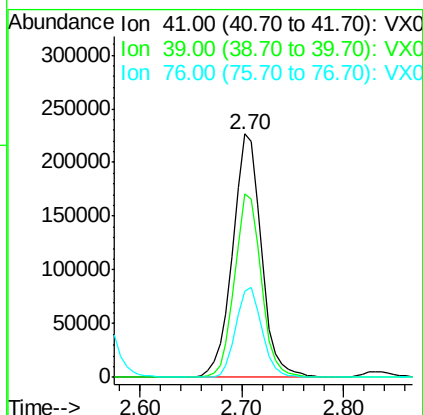
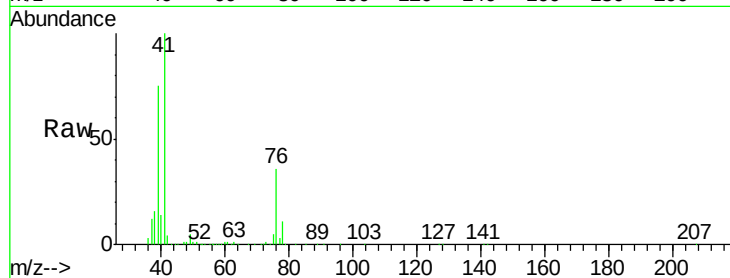




#17
 Allyl chloride
 Concen: 102.803 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

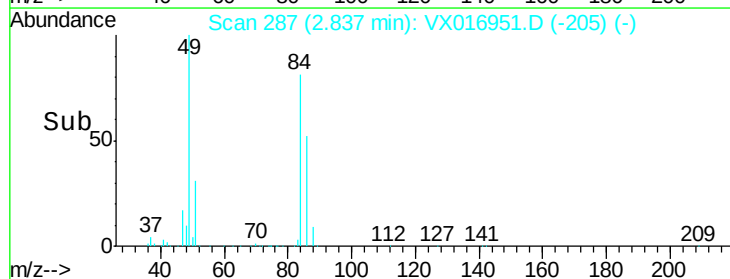
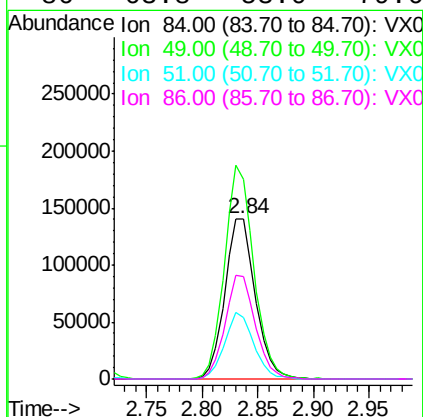
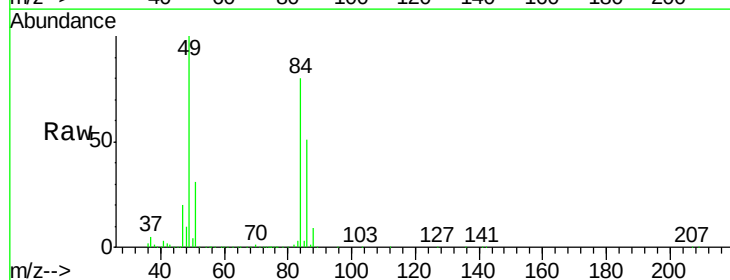
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

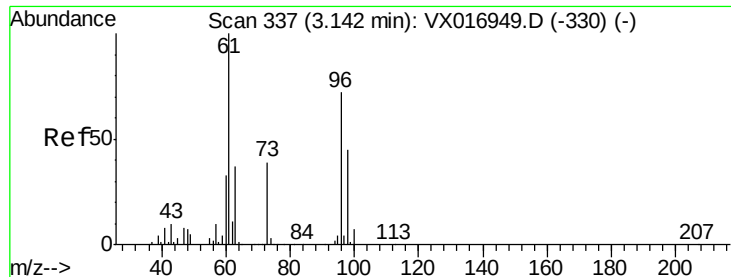
Tgt Ion: 41 Resp: 438726
 Ion Ratio Lower Upper
 41 100
 39 75.2 35.9 107.8
 76 35.6 17.6 52.8



#18
 Methylene Chloride
 Concen: 97.221 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion: 84 Resp: 266951
 Ion Ratio Lower Upper
 84 100
 49 124.3 106.6 159.8
 51 38.0 32.7 49.1
 86 63.8 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 100.472 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

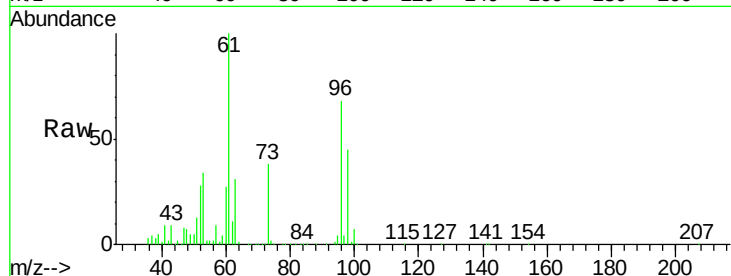
Tgt Ion: 96 Resp: 259518

Ion Ratio Lower Upper

96 100

61 146.6 110.6 165.8

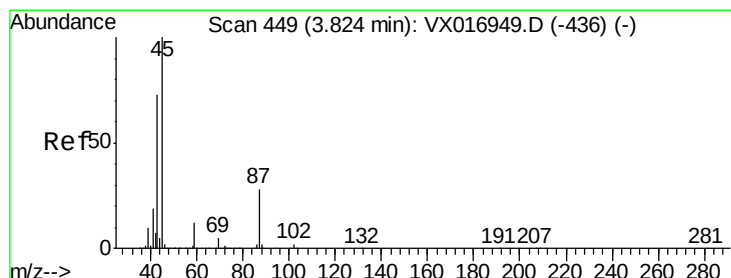
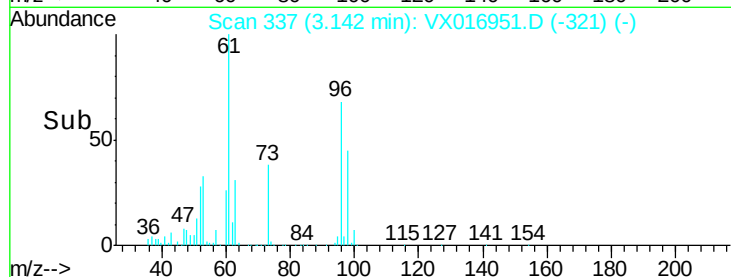
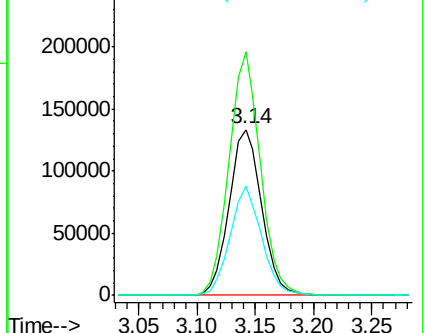
98 65.8 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 103.725 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Tgt Ion: 45 Resp: 884650

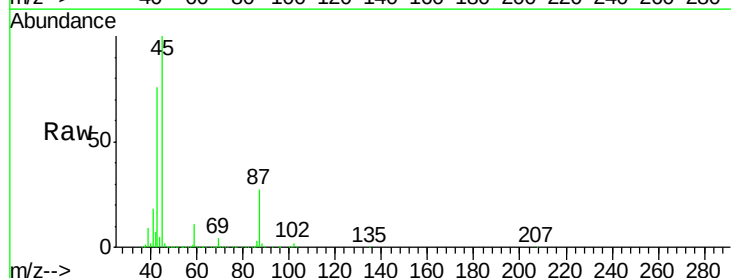
Ion Ratio Lower Upper

45 100

43 76.2 63.9 95.9

87 26.7 22.2 33.4

59 10.8 9.8 14.6

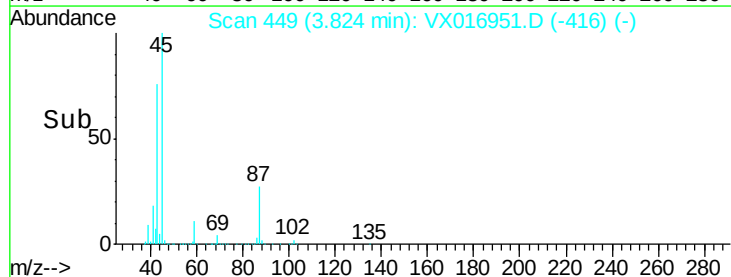
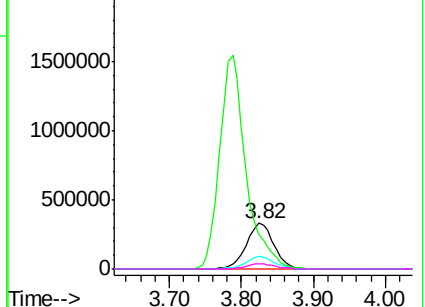


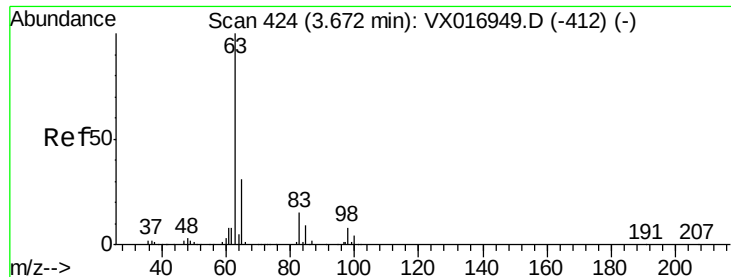
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 101.976 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

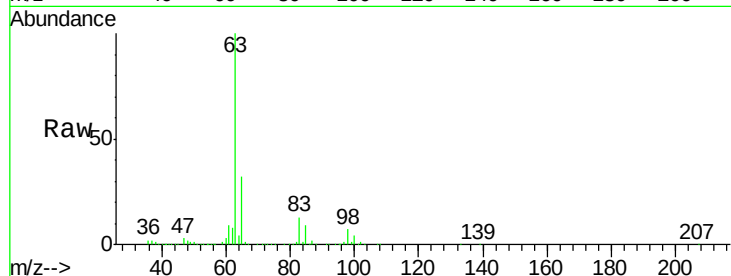
Tgt Ion: 63 Resp: 479579

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

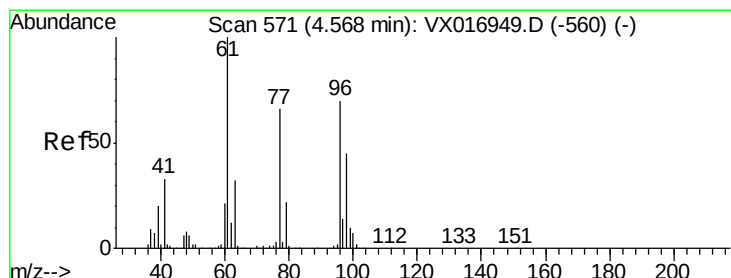
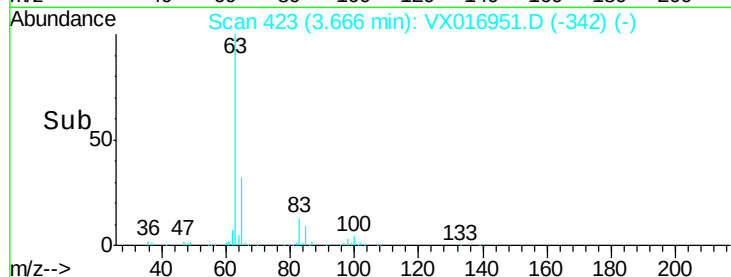
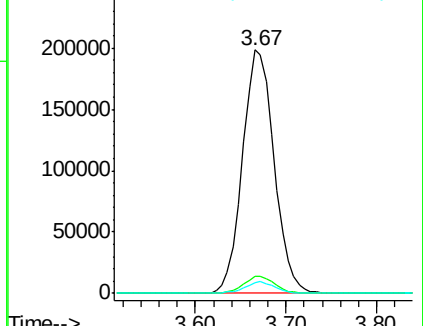
100 4.3 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 102.218 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

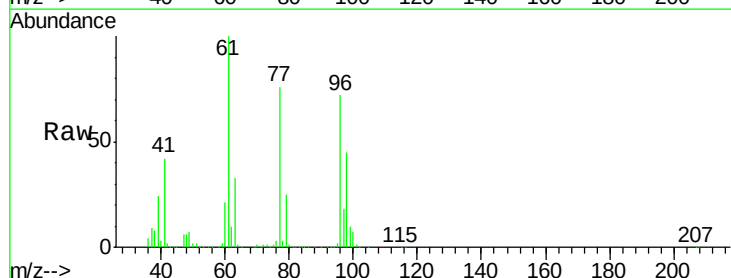
Tgt Ion: 96 Resp: 293957

Ion Ratio Lower Upper

96 100

61 149.0 120.8 181.2

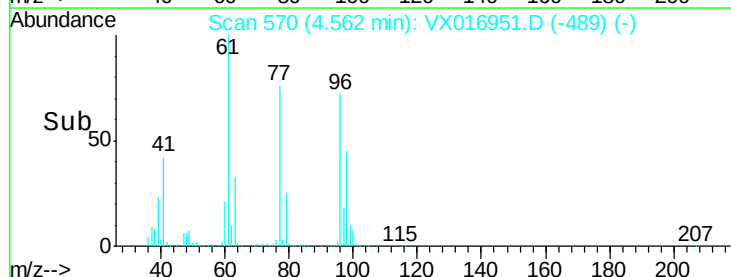
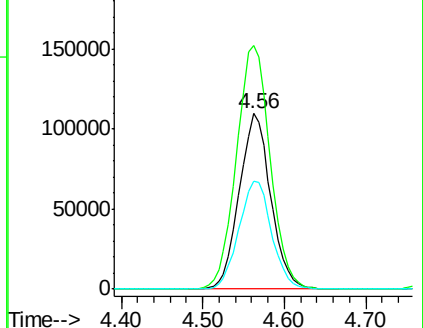
98 64.1 51.7 77.5

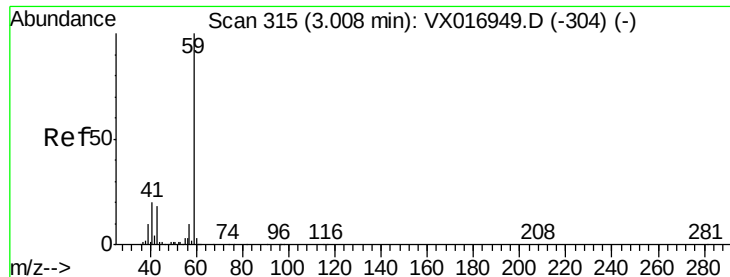


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



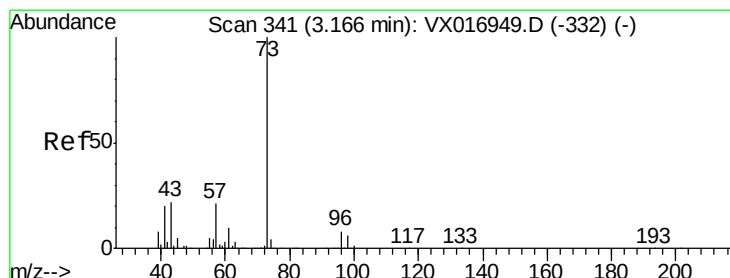
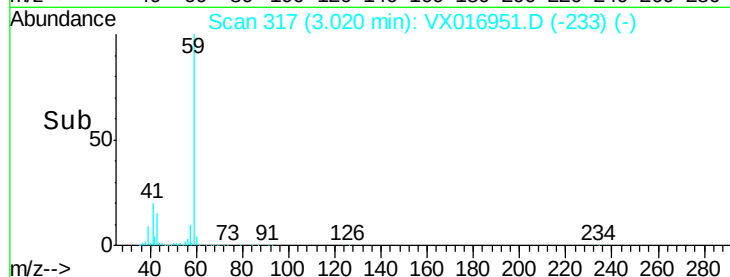
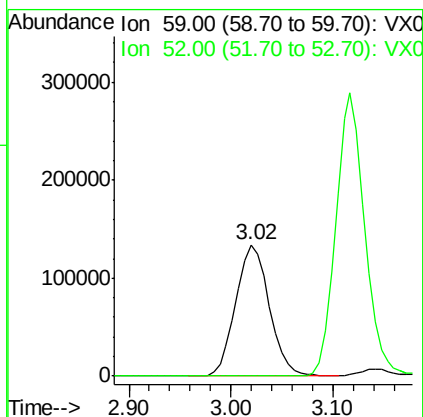
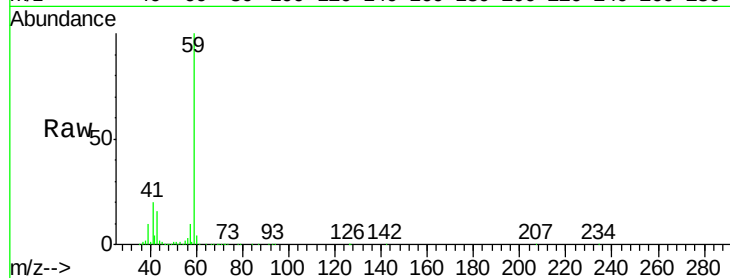


#23

tert-Butyl Alcohol
Concen: 1924.528 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

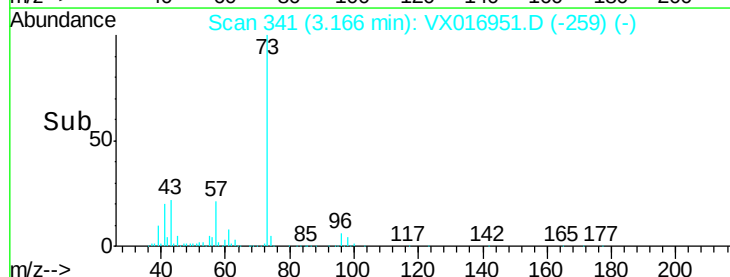
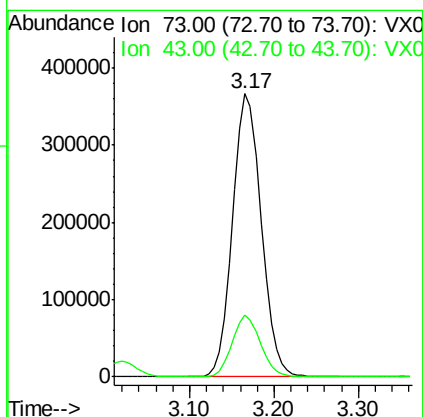
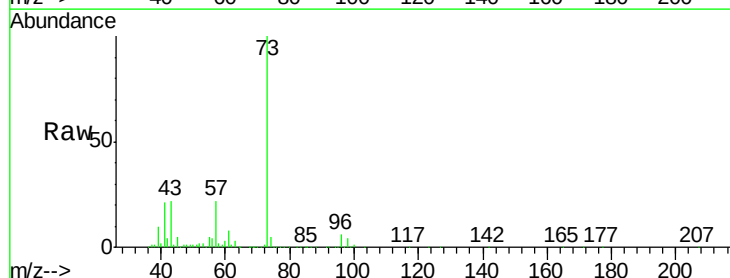
Tgt Ion: 59 Resp: 307244
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#

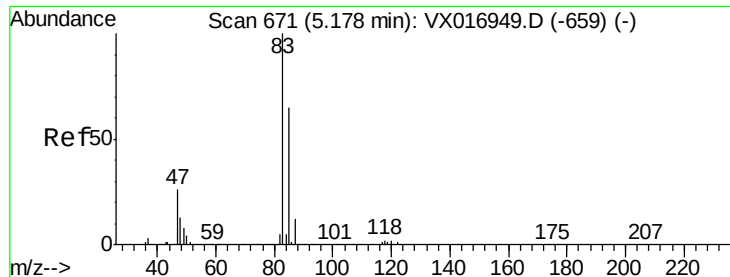


#24

Methyl tert-Butyl Ether
Concen: 103.572 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 73 Resp: 843079
Ion Ratio Lower Upper
73 100
43 21.2 17.2 25.8

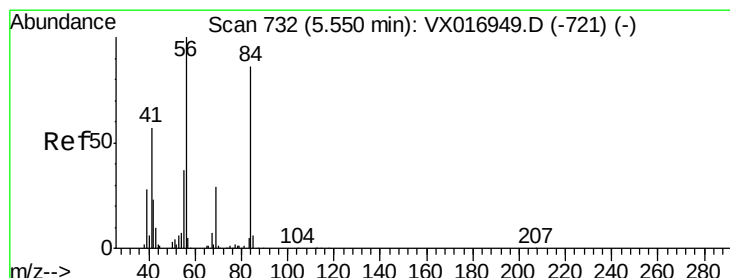
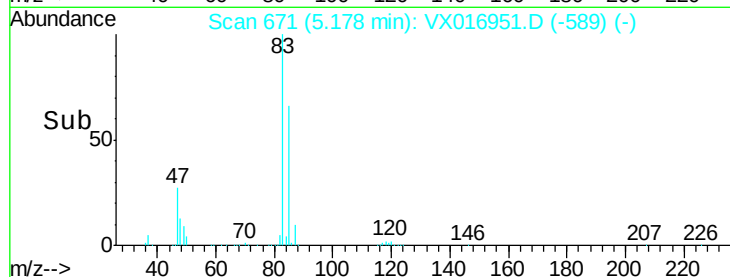
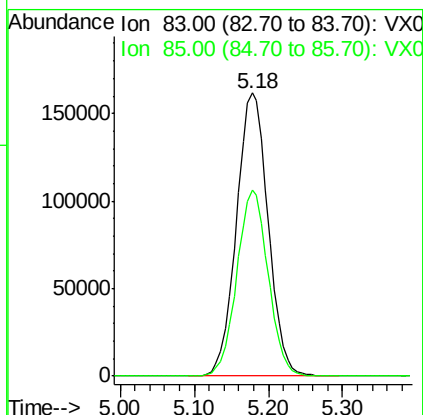
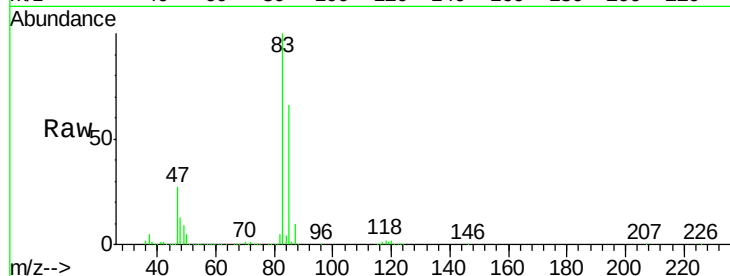




#25
Chloroform
Concen: 101.169 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

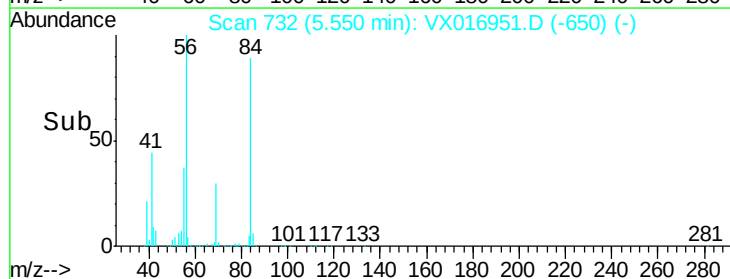
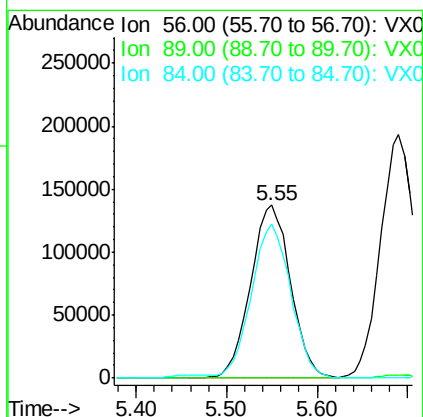
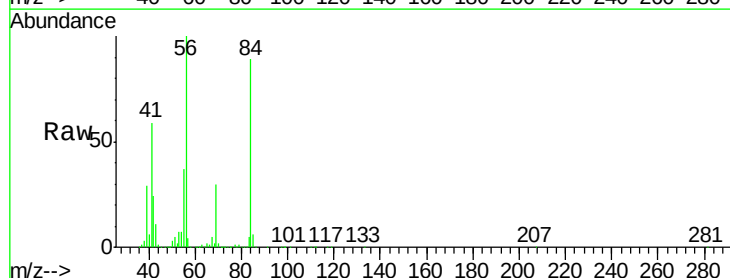
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

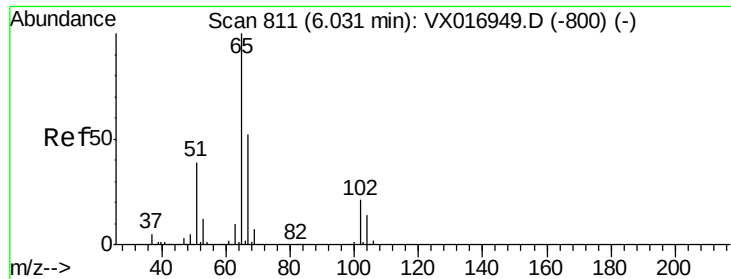
Tgt Ion: 83 Resp: 482390
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1



#26
Cyclohexane
Concen: 102.293 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 56 Resp: 419648
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.1 69.0 103.6

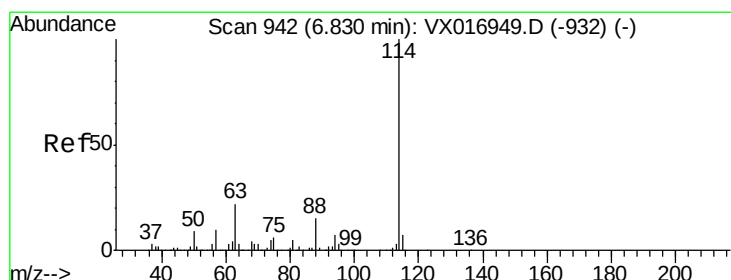
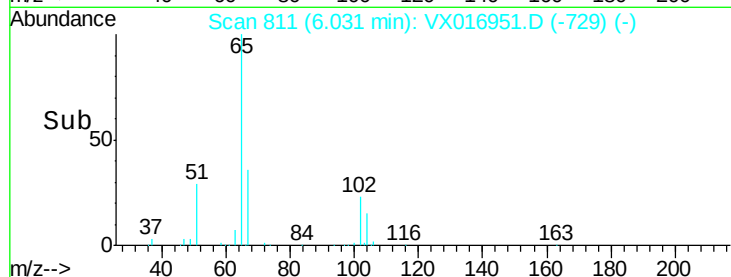
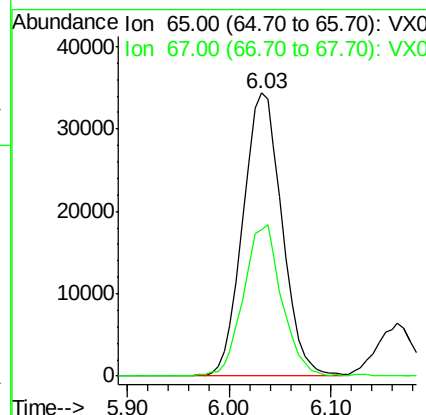
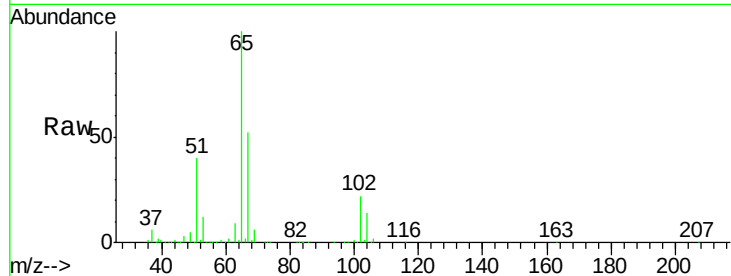




#27
 1,2-Dichloroethane-d4
 Concen: 29.609 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

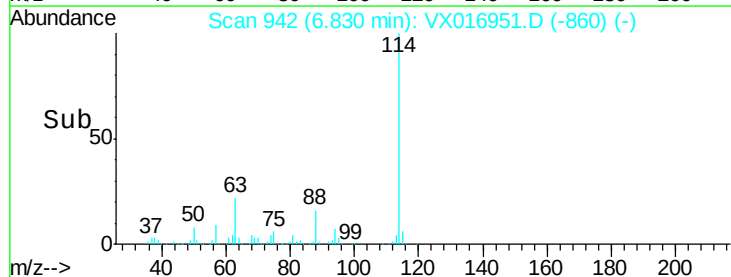
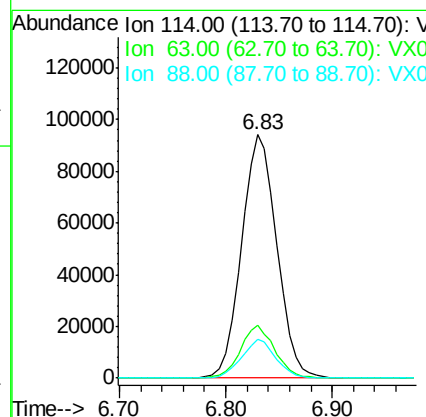
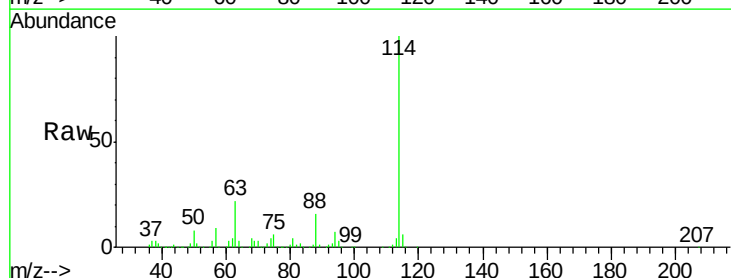
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

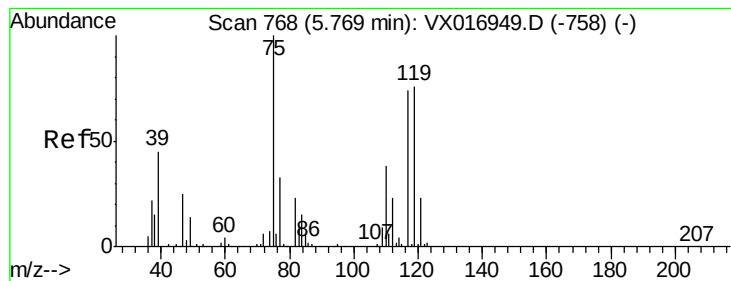
Tgt Ion: 65 Resp: 91774
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion: 114 Resp: 218376
 Ion Ratio Lower Upper
 114 100
 63 21.2 17.4 26.2
 88 15.5 13.0 19.6





#29

1,1-Dichloropropene

Concen: 101.675 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

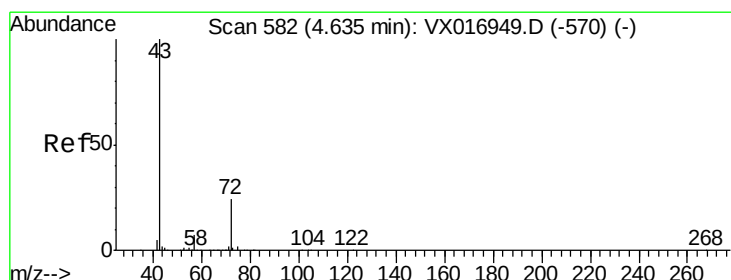
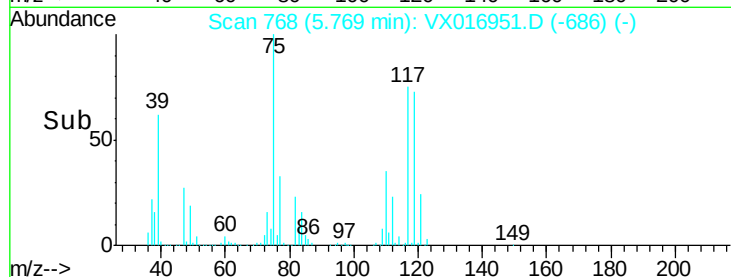
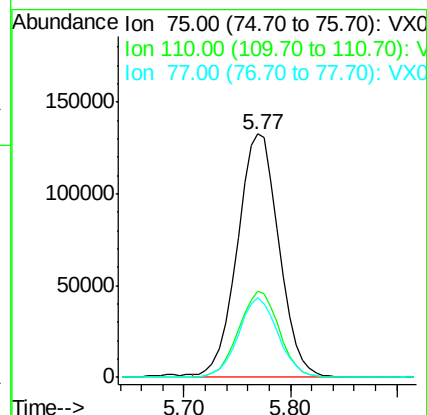
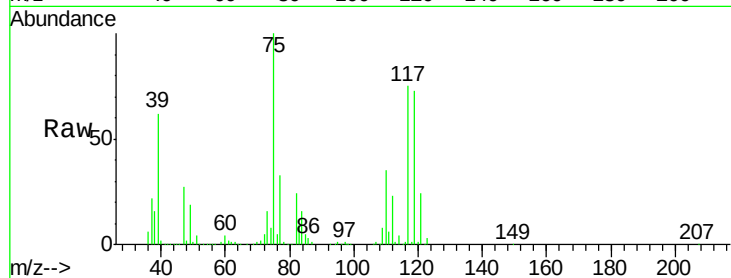
Tgt Ion: 75 Resp: 361704

Ion Ratio Lower Upper

75 100

110 34.7 0.0 71.6

77 31.5 0.0 64.0



#30

2-Butanone

Concen: 518.739 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

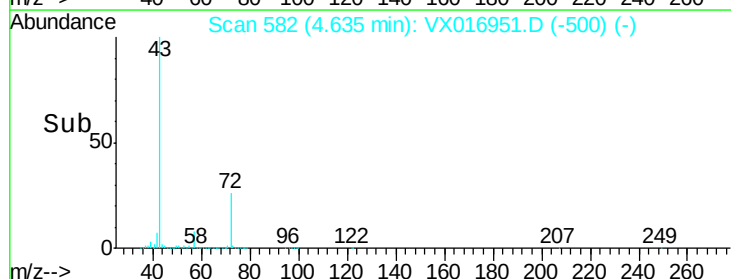
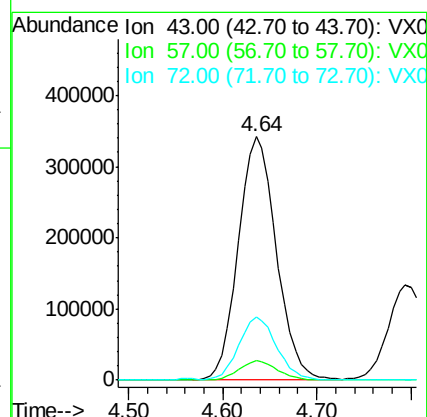
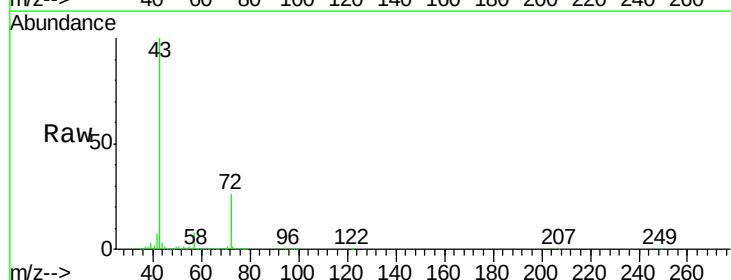
Tgt Ion: 43 Resp: 961889

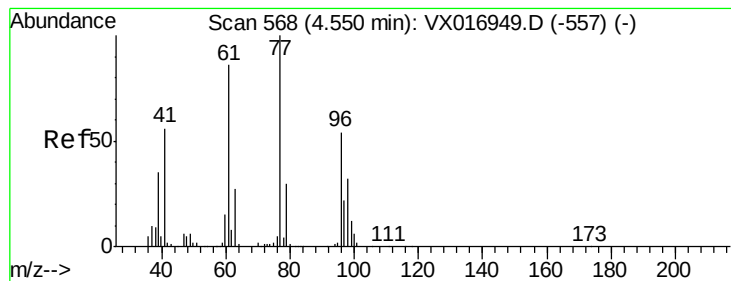
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

72 25.8 20.6 31.0





#31

2,2-Dichloropropane

Concen: 101.208 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

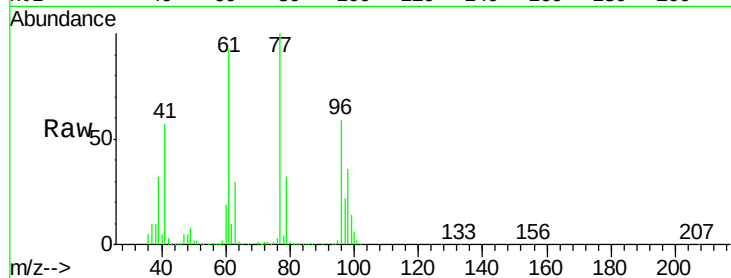
VSTDIC100

Tgt Ion: 77 Resp: 412916

Ion Ratio Lower Upper

77 100

97 22.3 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

4.55

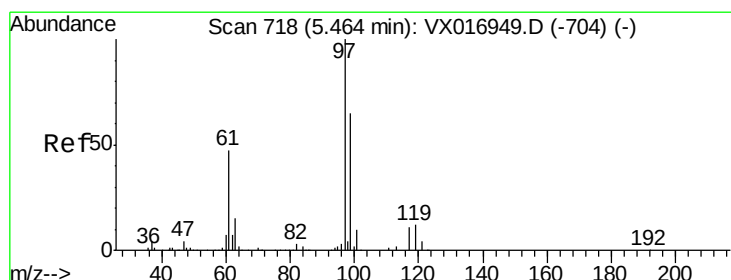
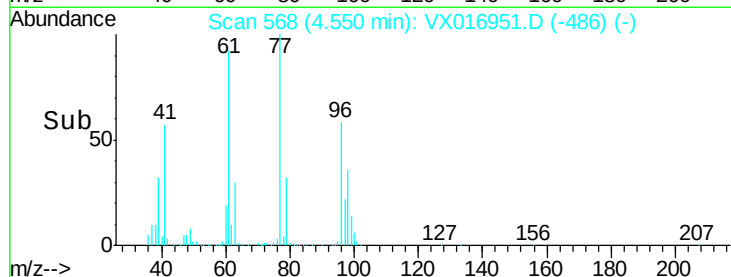
150000

100000

50000

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 101.551 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

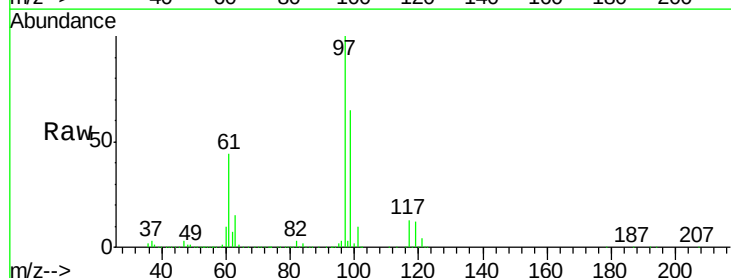
Tgt Ion: 97 Resp: 437134

Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 45.5 36.9 55.3



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

5.46

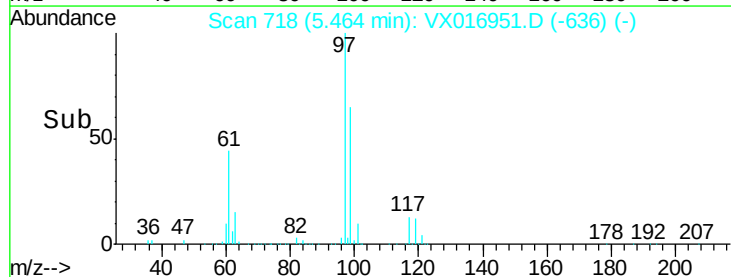
150000

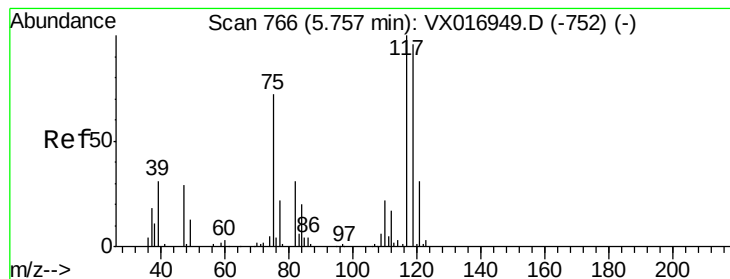
100000

50000

0

Time-->





#33

Carbon Tetrachloride

Concen: 102.652 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

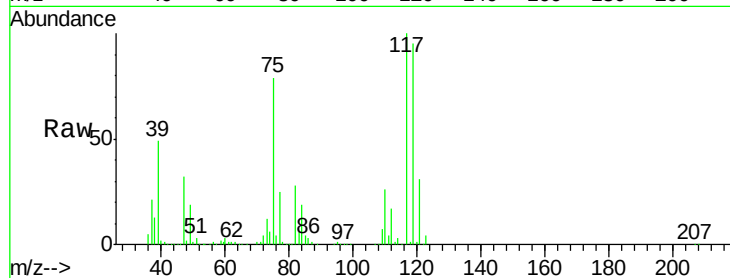
Tgt Ion:117 Resp: 391869

Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.4

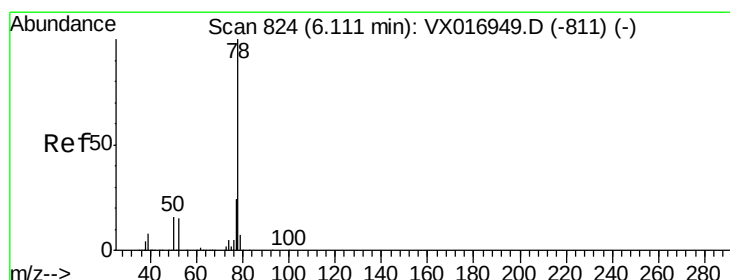
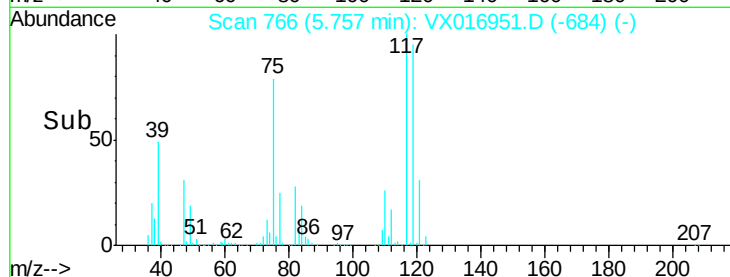
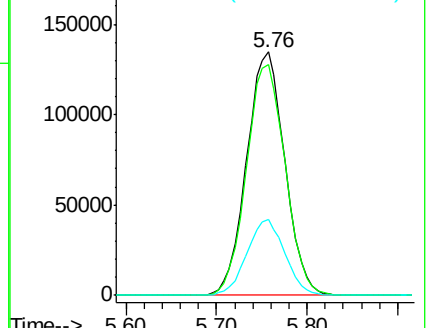
121 31.1 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 101.878 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

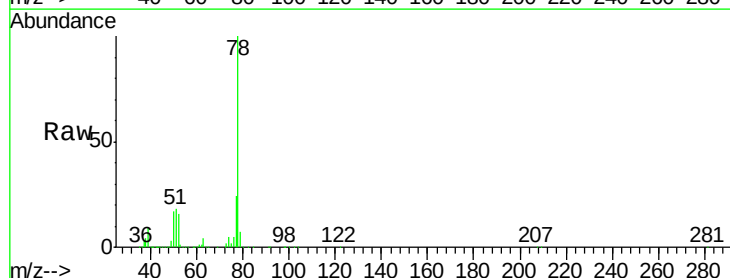
Tgt Ion: 78 Resp: 1055294

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

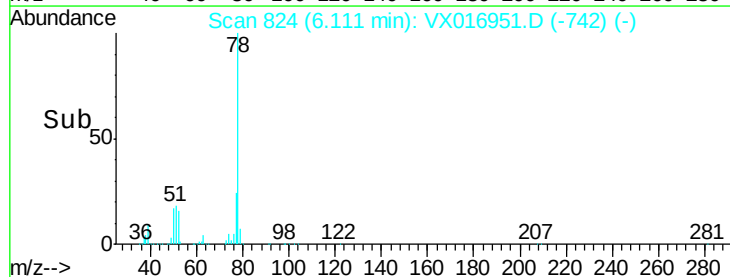
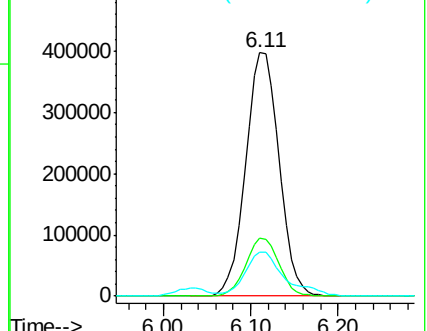
51 17.8 12.8 19.2

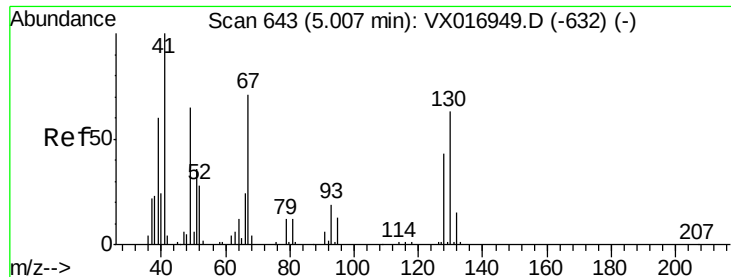


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

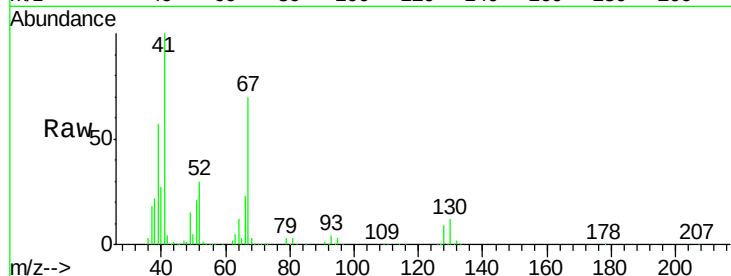




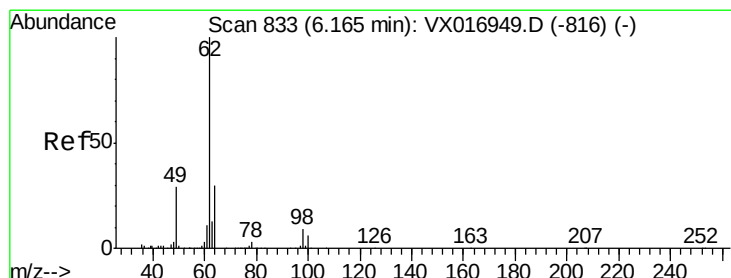
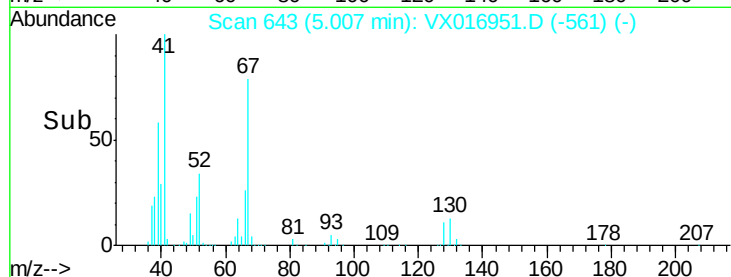
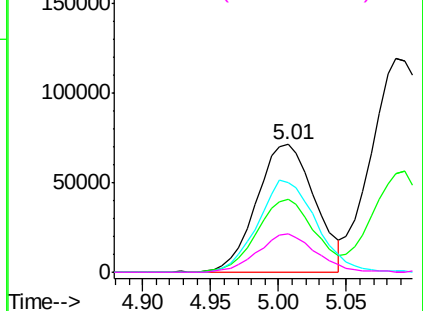
#35
Methacrylonitrile
Concen: 103.972 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	212770
Ion	Ratio	Lower	Upper
41	100		
39	57.1	29.8	89.5
67	70.2	35.3	105.9
52	29.7	14.1	42.3

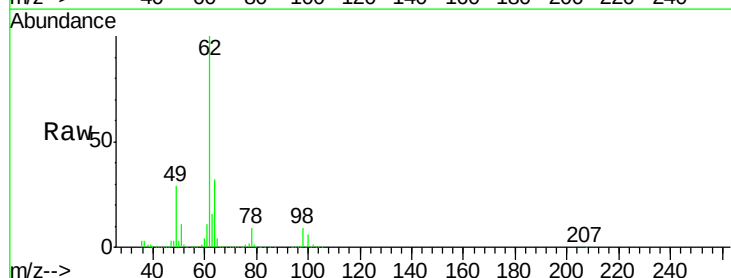


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

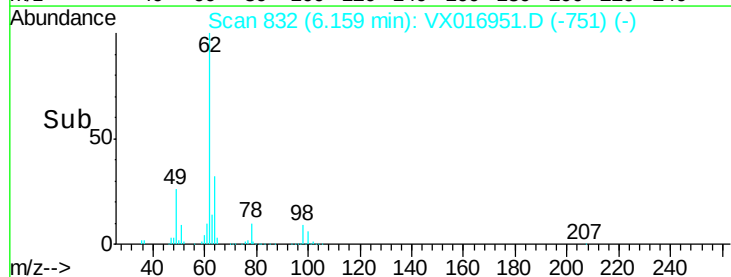
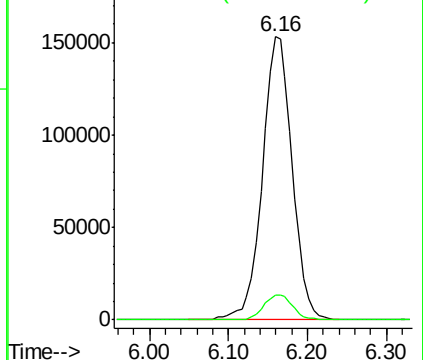


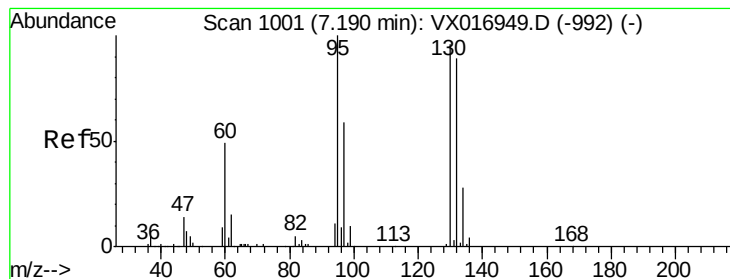
#36
1,2-Dichloroethane
Concen: 101.128 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion:	62	Resp:	401191
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 101.467 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

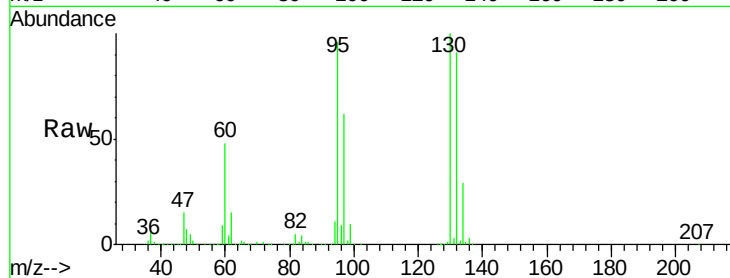
VSTDIC100

Tgt Ion:130 Resp: 286797

Ion Ratio Lower Upper

130 100

95 95.6 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

150000

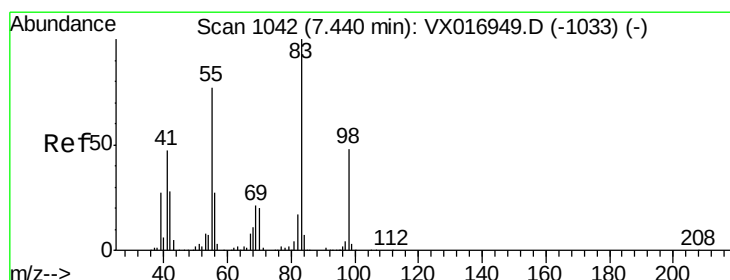
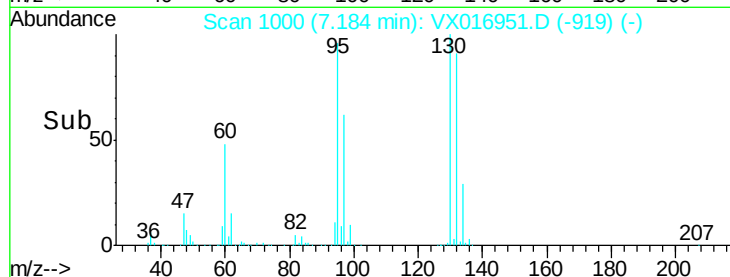
100000

50000

0

Time-->

7.10 7.15 7.20 7.25



#38

Methylcyclohexane

Concen: 103.532 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

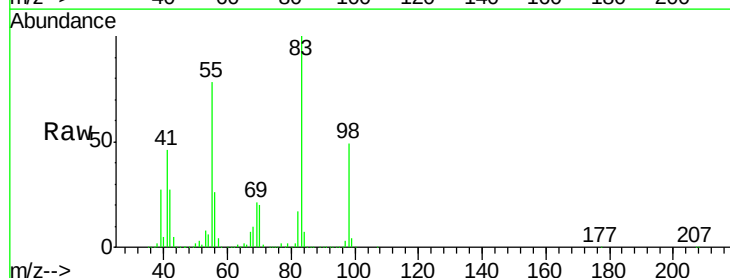
Tgt Ion: 83 Resp: 419436

Ion Ratio Lower Upper

83 100

55 77.5 38.1 114.5

98 49.1 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

250000

200000

150000

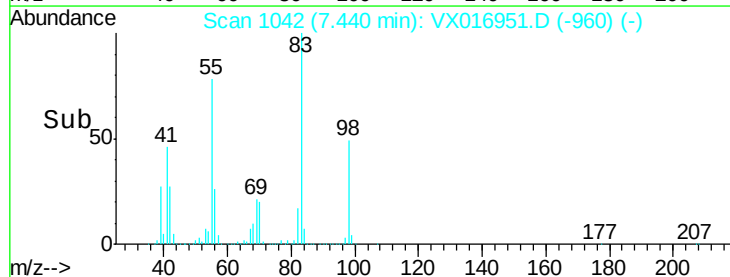
100000

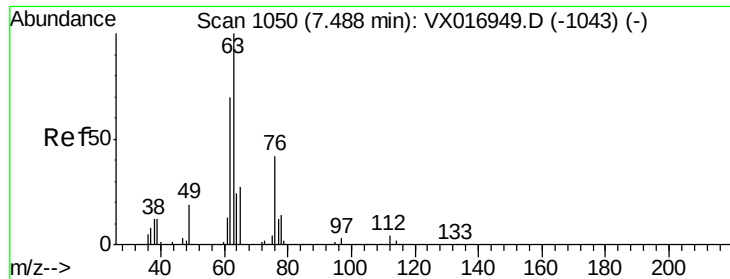
50000

0

Time-->

7.30 7.40 7.50





#39

1,2-Dichloropropane

Concen: 101.961 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

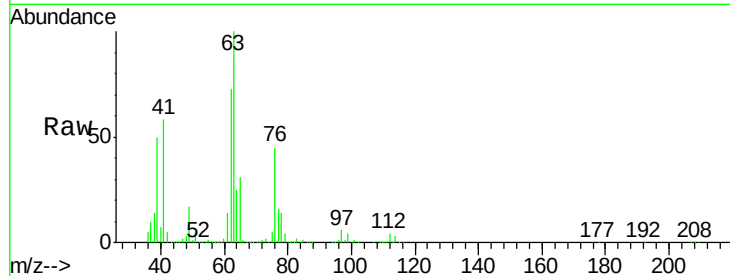
VSTDIC100

Tgt Ion: 63 Resp: 275156

Ion Ratio Lower Upper

63 100

65 30.9 22.8 34.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

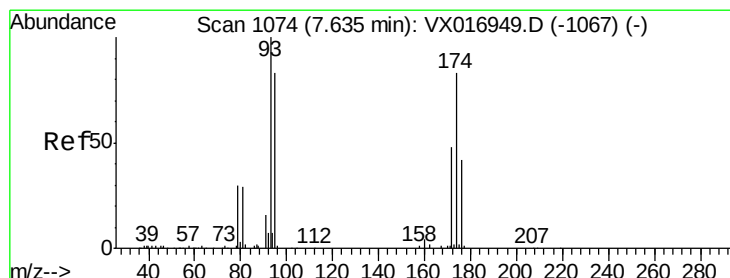
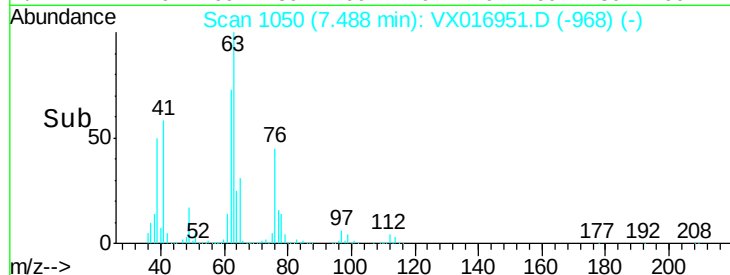
150000

100000

50000

0

Time-->



#40

Dibromomethane

Concen: 101.415 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

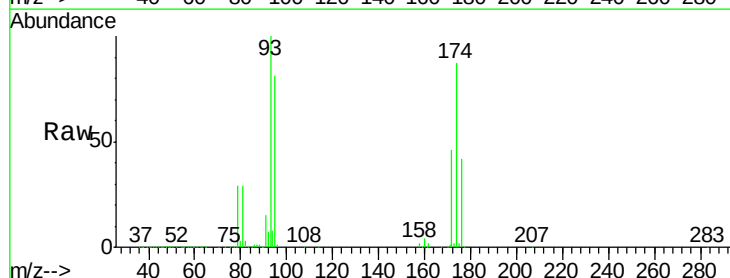
Tgt Ion: 93 Resp: 188624

Ion Ratio Lower Upper

93 100

95 83.0 0.0 165.4

174 94.3 0.0 192.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

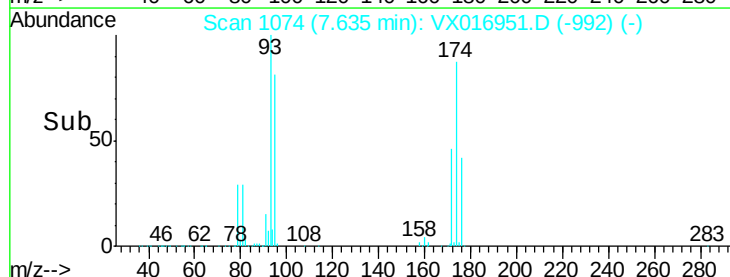
7.63

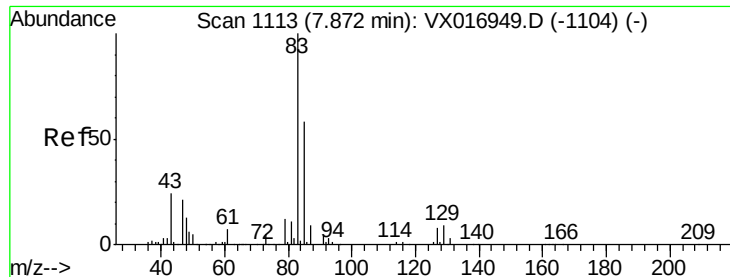
100000

50000

0

Time-->





#41

Bromodichloromethane

Concen: 103.630 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

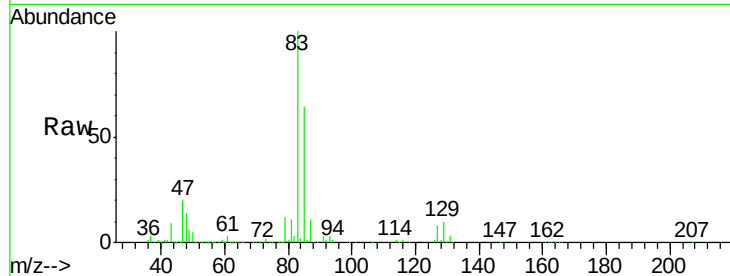
Tgt Ion: 83 Resp: 399118

Ion Ratio Lower Upper

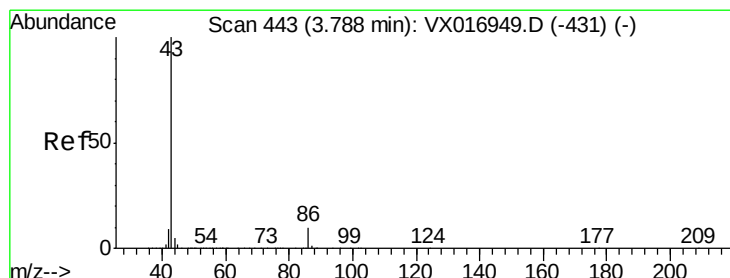
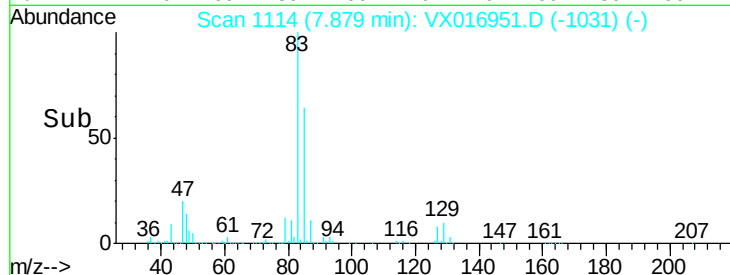
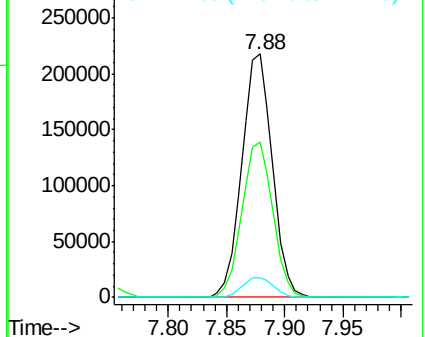
83 100

85 63.7 46.7 70.1

127 8.2 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 527.942 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016951.D

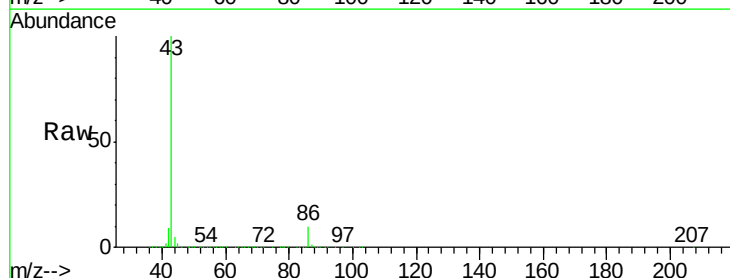
Acq: 25 Jun 2020 13:49

Tgt Ion: 43 Resp: 3944984

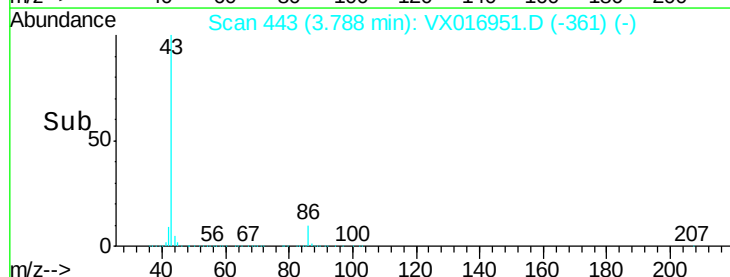
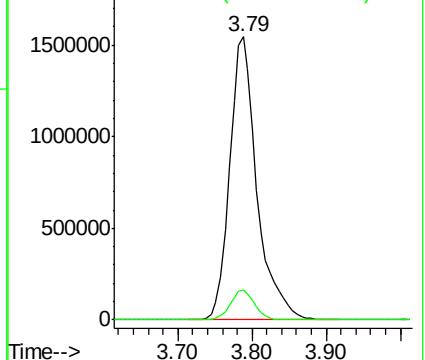
Ion Ratio Lower Upper

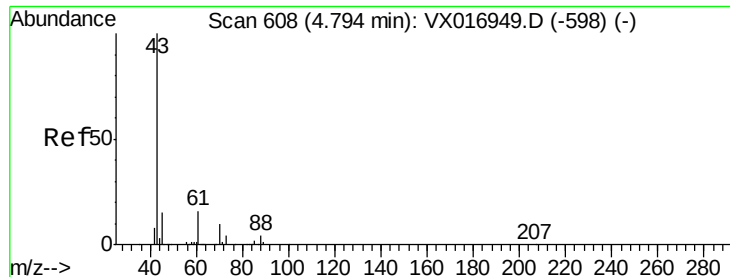
43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

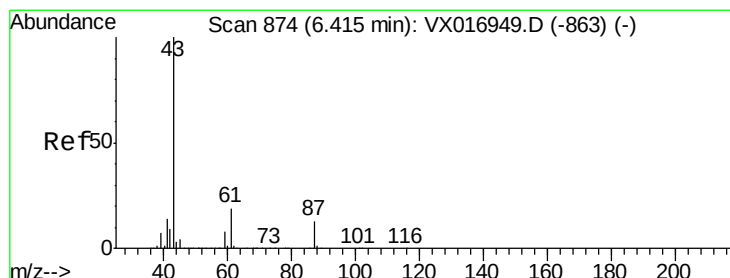
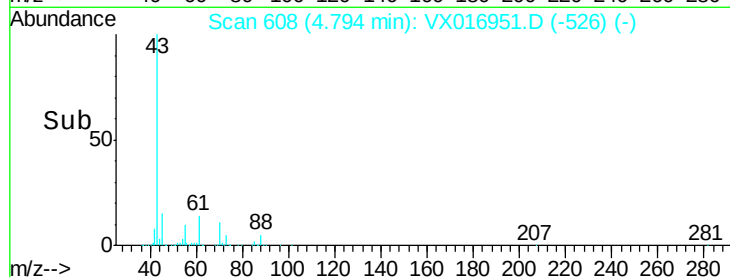
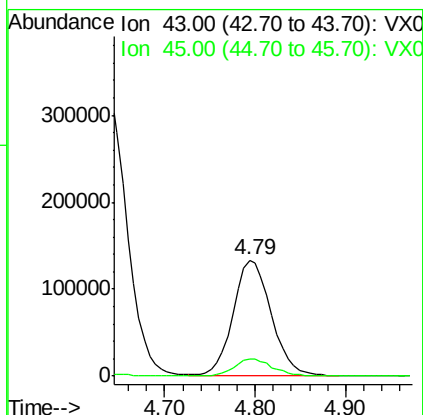
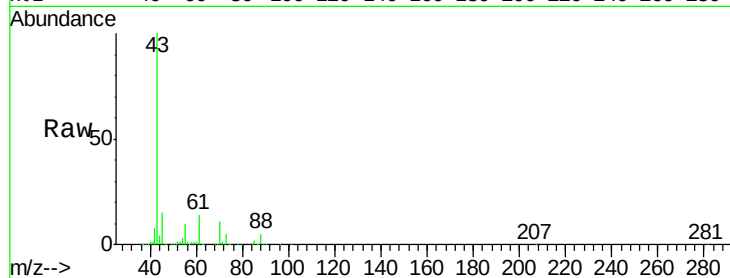




#43
Ethyl Acetate
Concen: 102.194 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

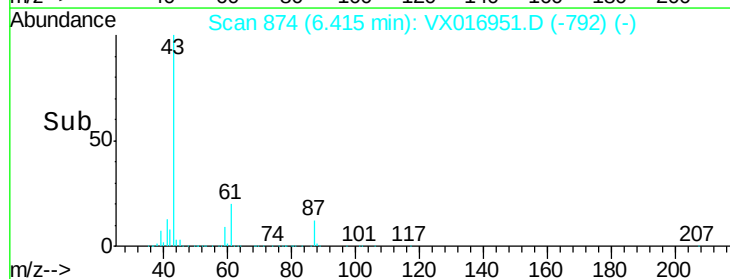
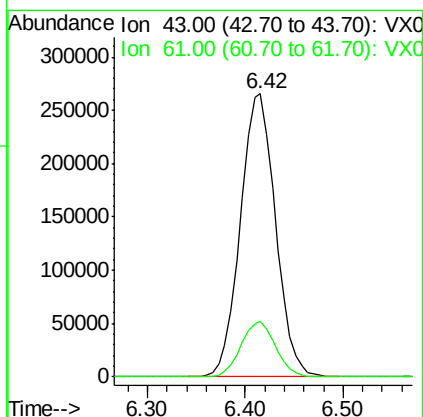
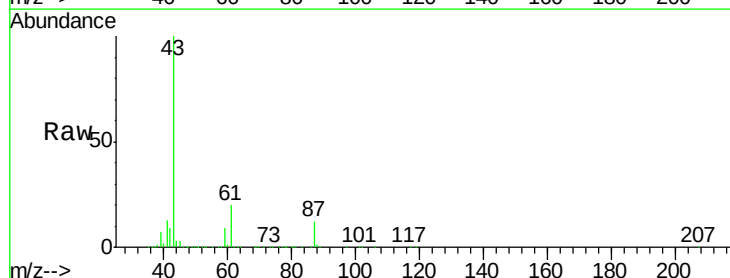
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

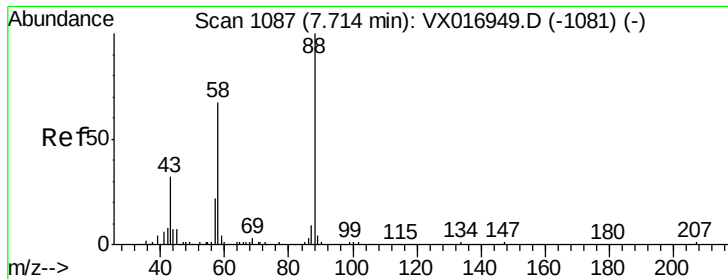
Tgt Ion: 43 Resp: 391524
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.6



#44
Isopropyl Acetate
Concen: 104.548 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 43 Resp: 661898
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.2

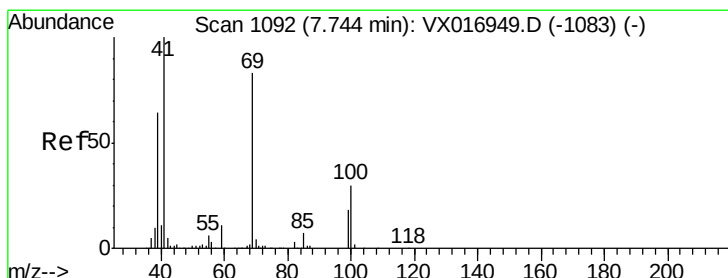
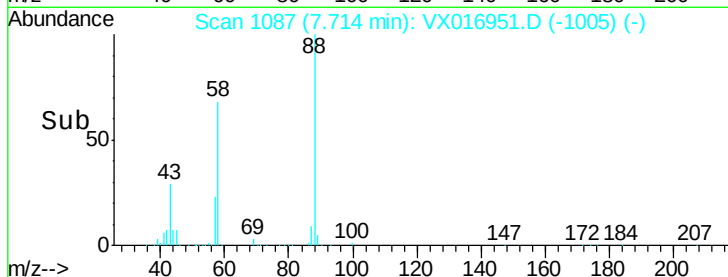
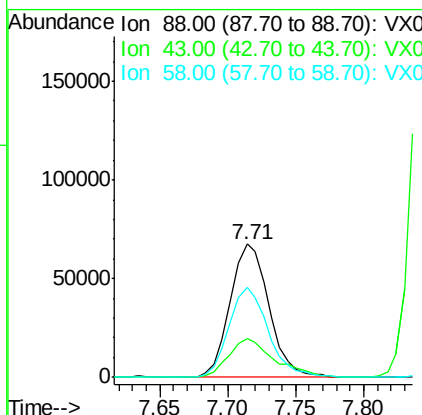
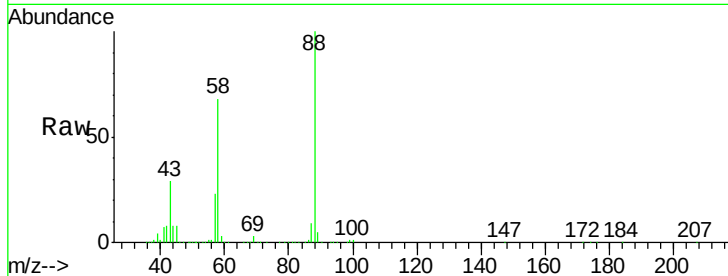




#45
 1,4-Dioxane
 Concen: 2099.148 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

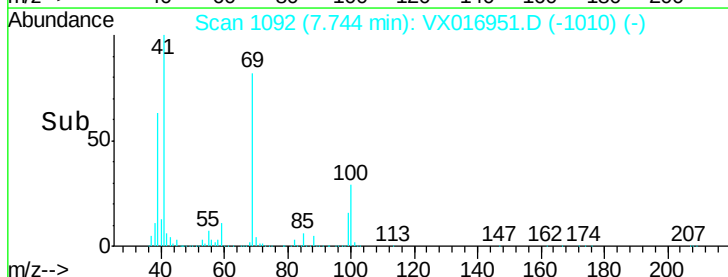
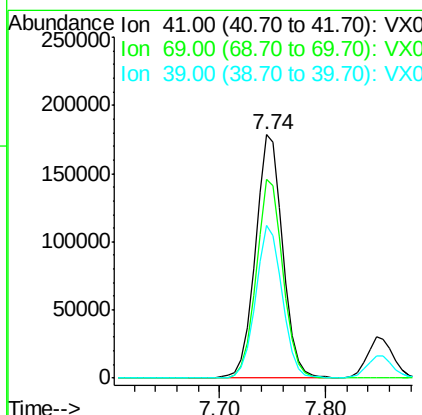
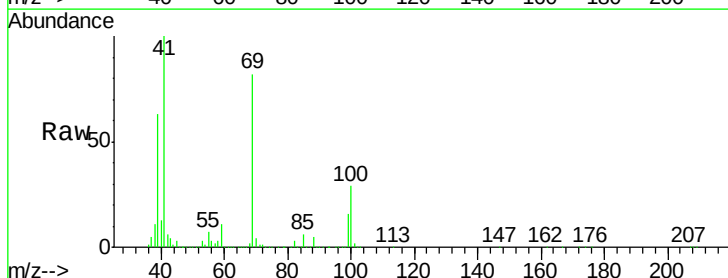
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

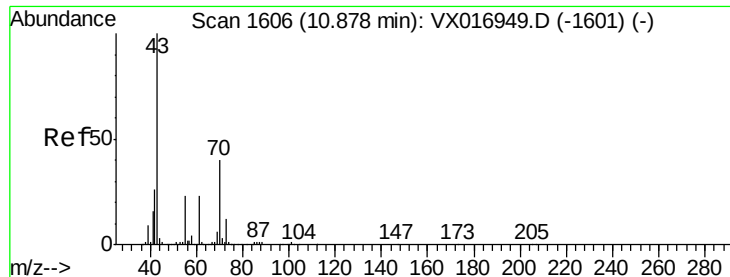
Tgt Ion: 88 Resp: 134073
 Ion Ratio Lower Upper
 88 100
 43 33.7 28.9 43.3
 58 69.4 56.7 85.1



#46
 Methyl methacrylate
 Concen: 108.968 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion: 41 Resp: 319258
 Ion Ratio Lower Upper
 41 100
 69 81.5 41.3 123.9
 39 62.5 32.0 96.2





#47

n-amyl Acetate

Concen: 110.871 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

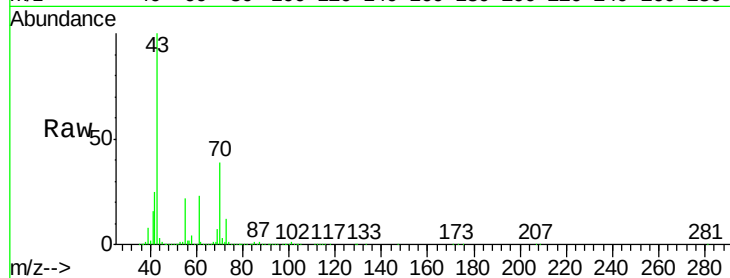
VSTDICC100

Tgt Ion: 43 Resp: 620442

Ion Ratio Lower Upper

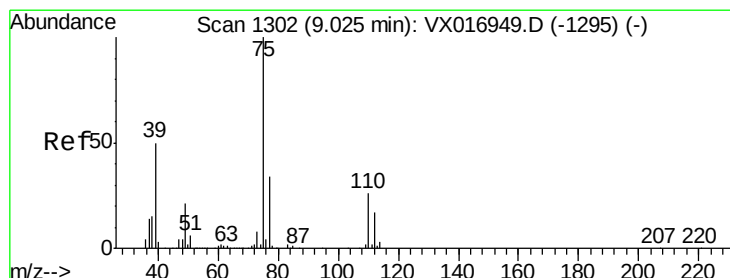
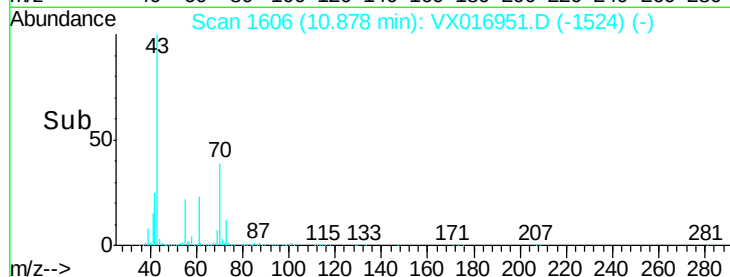
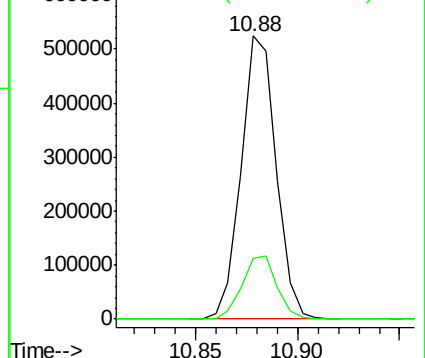
43 100

55 22.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 106.644 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016951.D

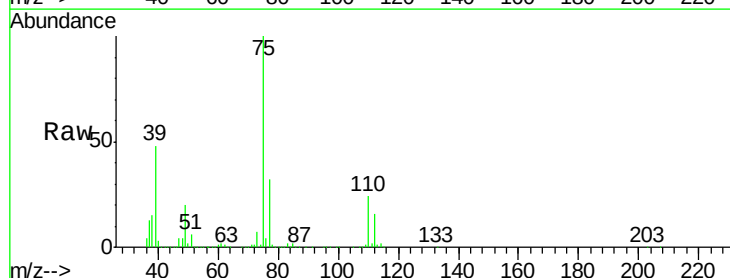
Acq: 25 Jun 2020 13:49

Tgt Ion: 75 Resp: 454134

Ion Ratio Lower Upper

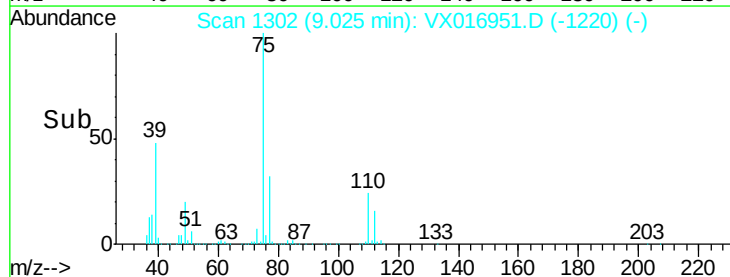
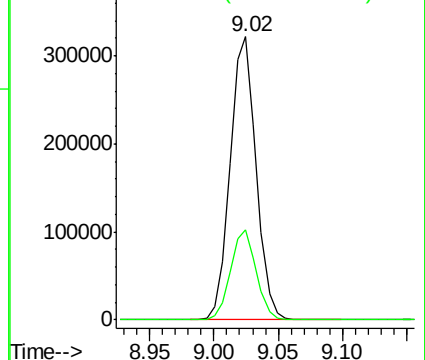
75 100

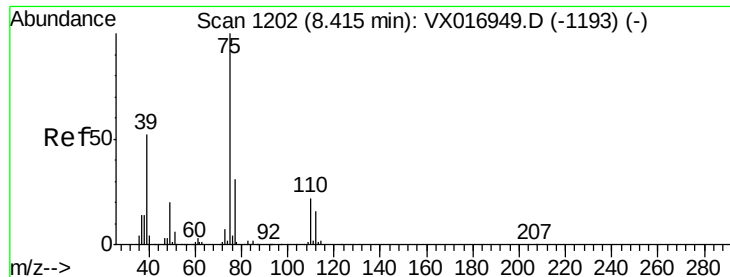
77 32.0 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



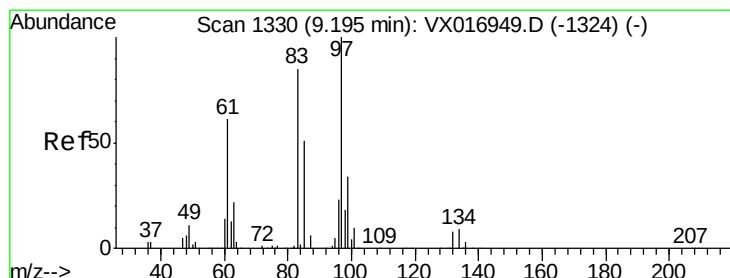
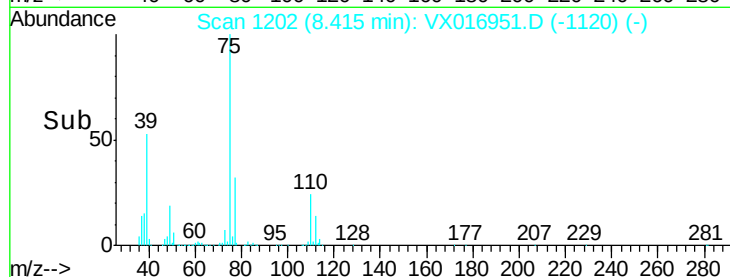
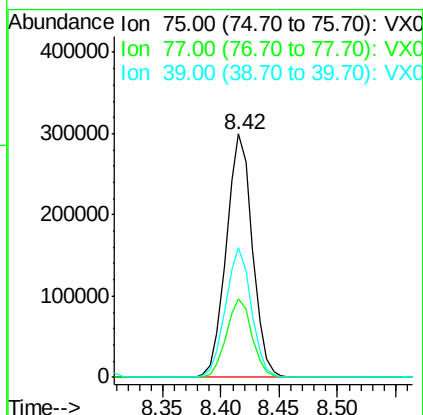
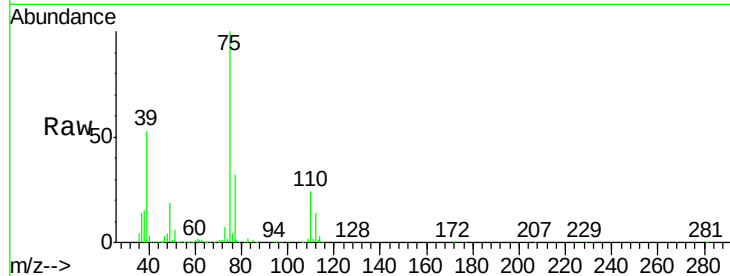


#49

cis-1,3-Dichloropropene
 Concen: 103.949 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

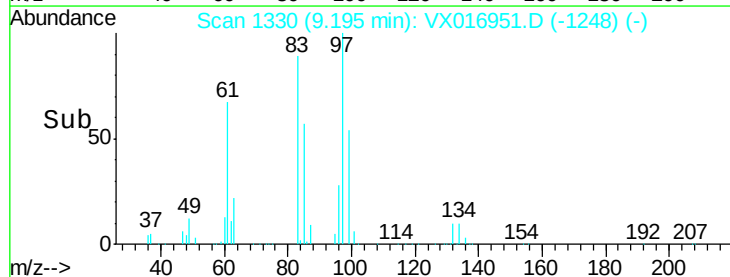
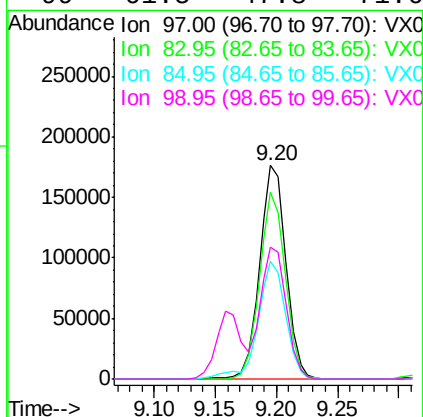
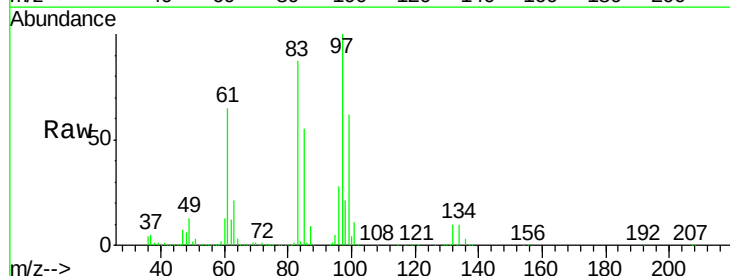
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.8	37.2
39	53.1	41.8	62.6

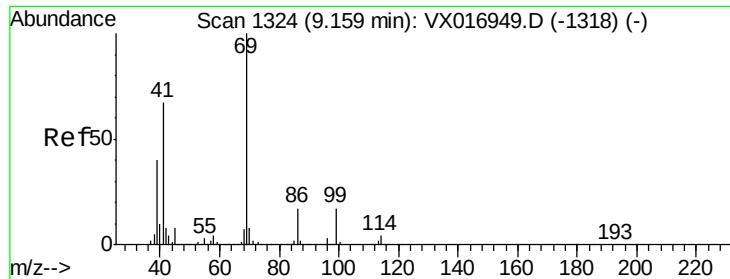


#50

1,1,2-Trichloroethane
 Concen: 102.250 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.4	101.0
85	55.3	42.9	64.3
99	61.5	47.8	71.6





#51

Ethyl methacrylate

Concen: 108.048 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

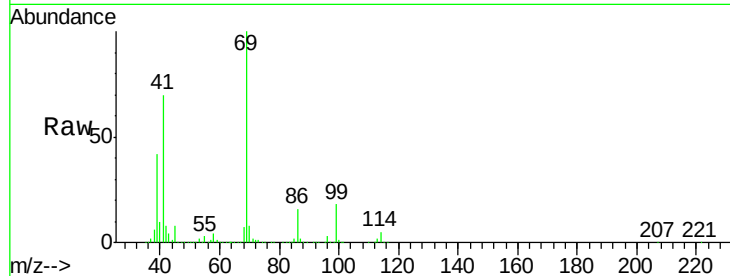
Tgt Ion: 69 Resp: 430419

Ion Ratio Lower Upper

69 100

41 69.6 33.7 101.1

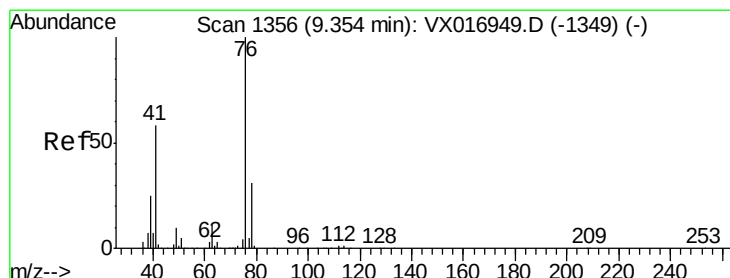
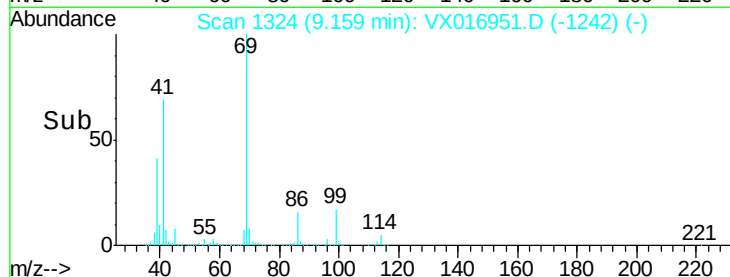
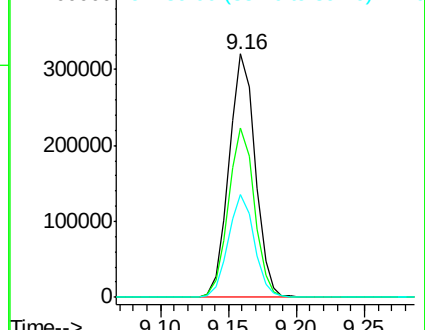
39 41.9 19.9 59.7



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



#52

1,3-Dichloropropane

Concen: 102.617 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016951.D

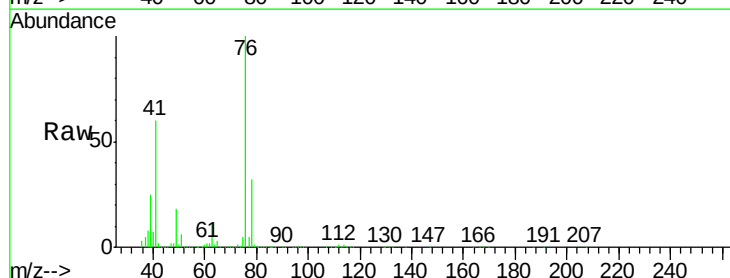
Acq: 25 Jun 2020 13:49

Tgt Ion: 76 Resp: 457309

Ion Ratio Lower Upper

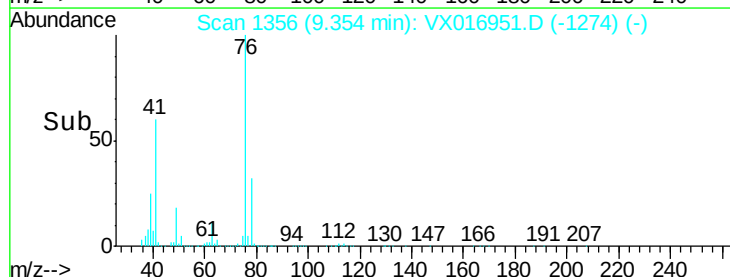
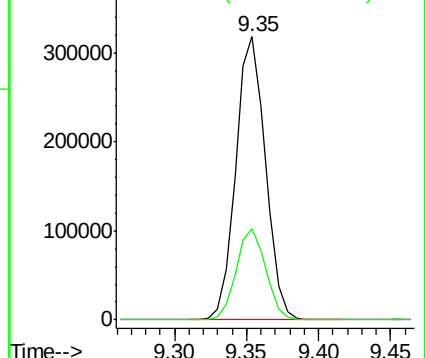
76 100

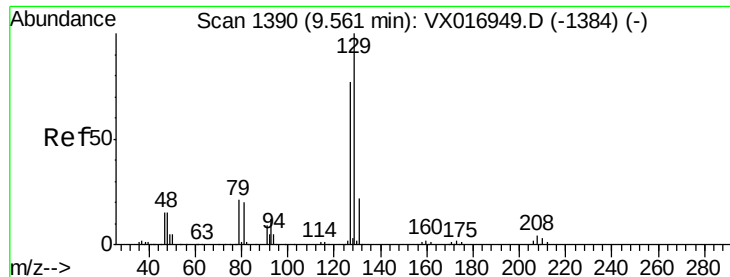
78 32.1 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 104.867 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

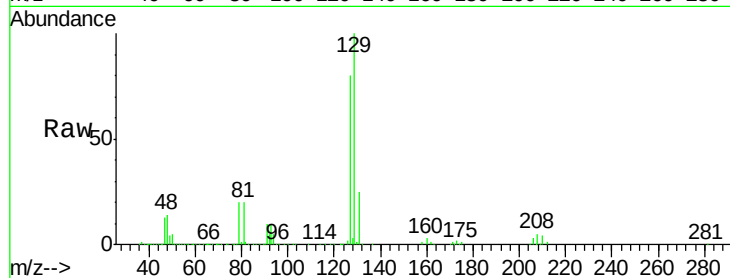
VSTDIC100

Tgt Ion:129 Resp: 312866

Ion Ratio Lower Upper

129 100

127 77.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

250000

200000

150000

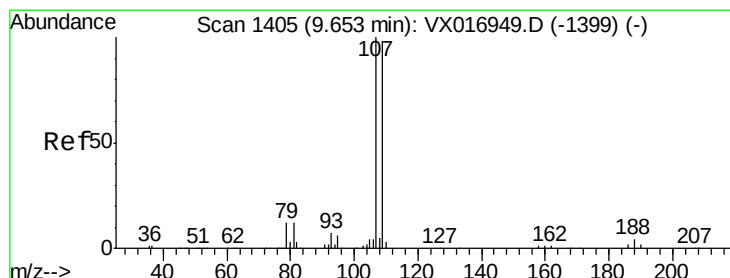
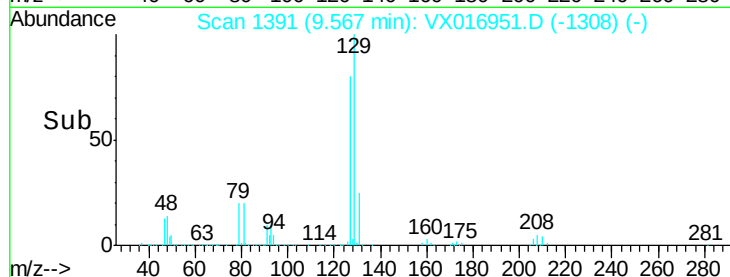
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 103.141 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016951.D

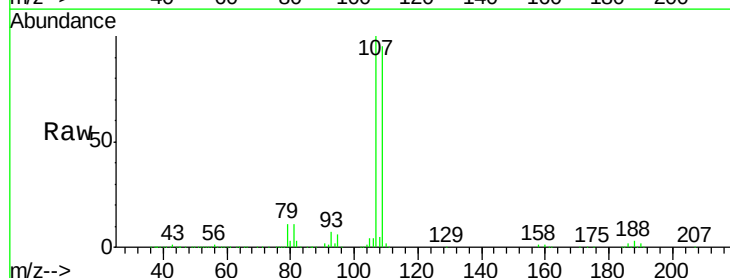
Acq: 25 Jun 2020 13:49

Tgt Ion:107 Resp: 284089

Ion Ratio Lower Upper

107 100

109 94.2 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

200000

150000

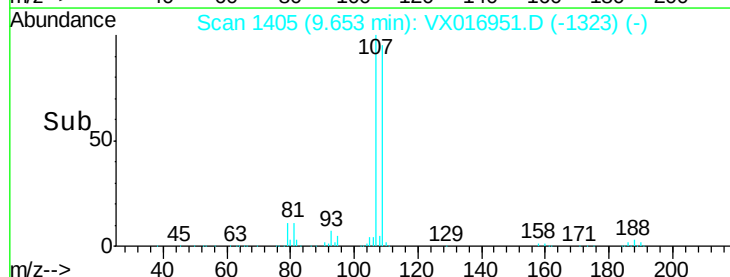
100000

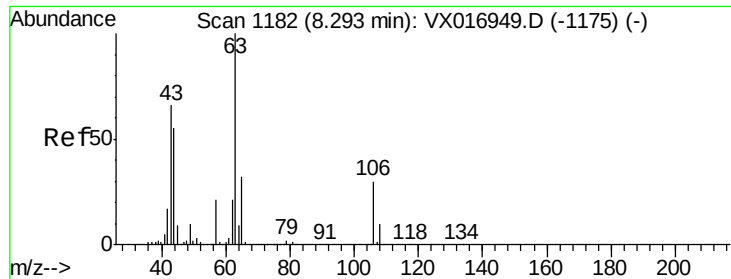
50000

0

9.60 9.65 9.70

Time-->

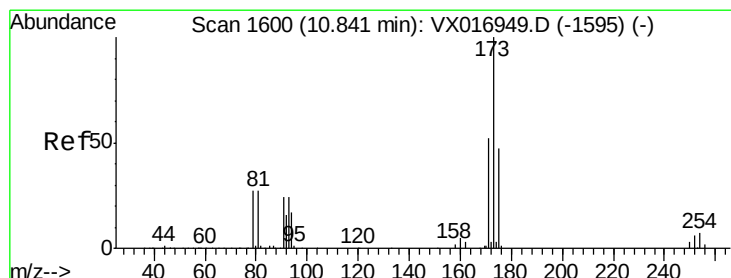
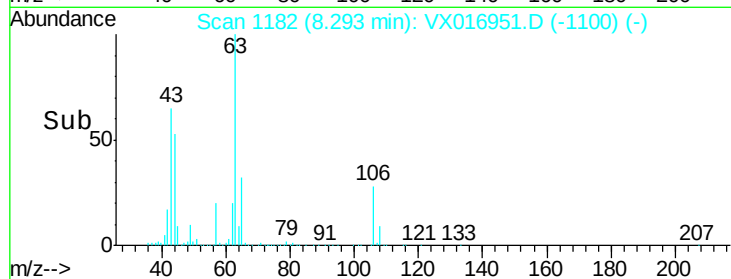
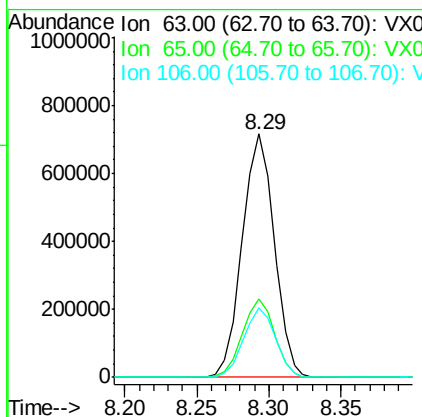
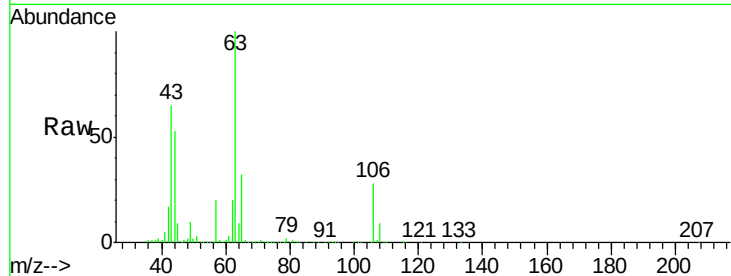




#55
 2-Chloroethyl vinyl ether
 Concen: 527.293 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

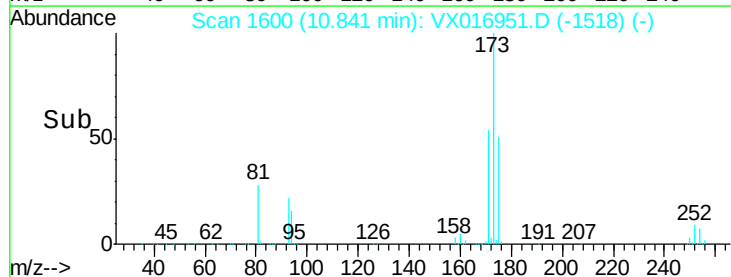
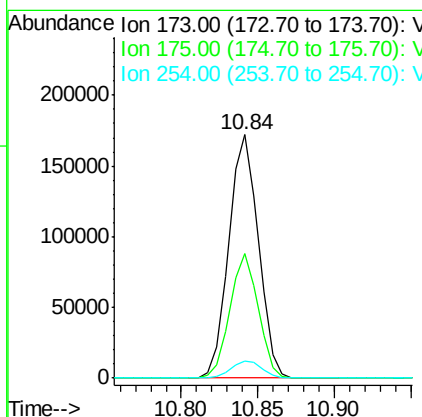
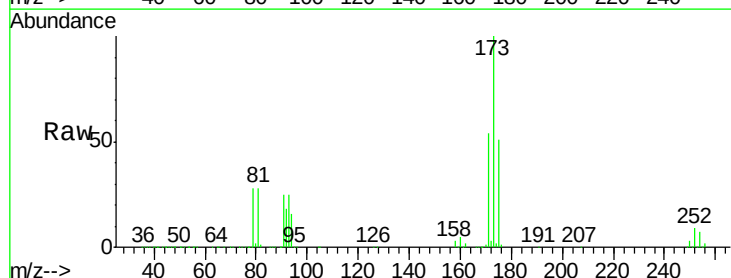
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

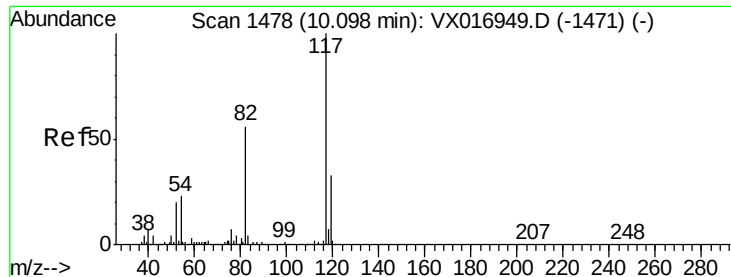
Tgt Ion: 63 Resp: 1105364
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.9 38.9
 106 28.2 22.6 33.8



#56
 Bromoform
 Concen: 108.577 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion: 173 Resp: 229948
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.7 58.1
 254 7.1 5.8 8.6

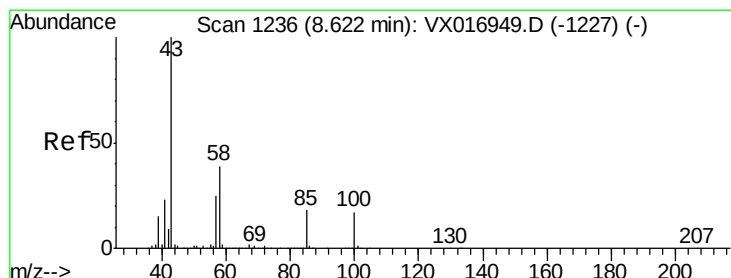
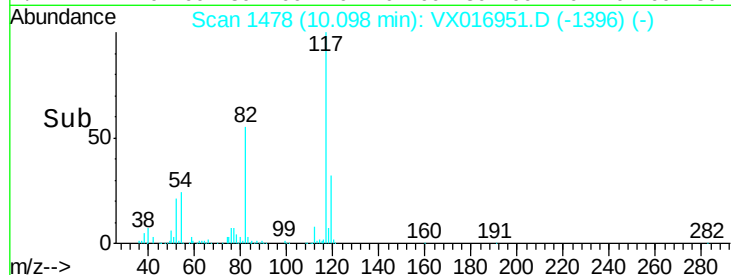
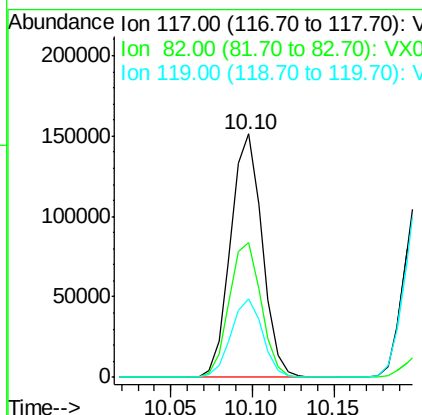
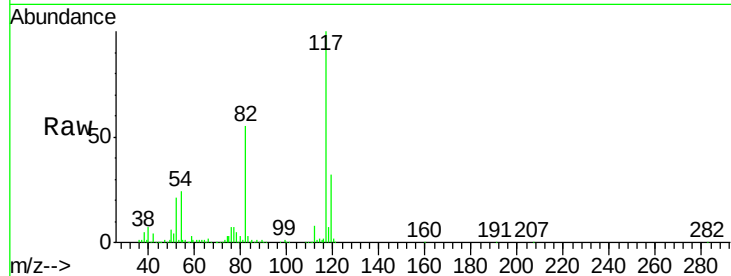




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

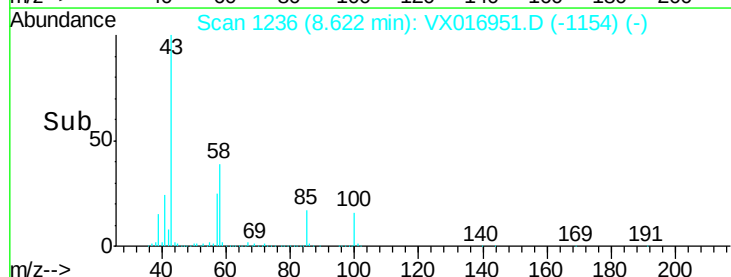
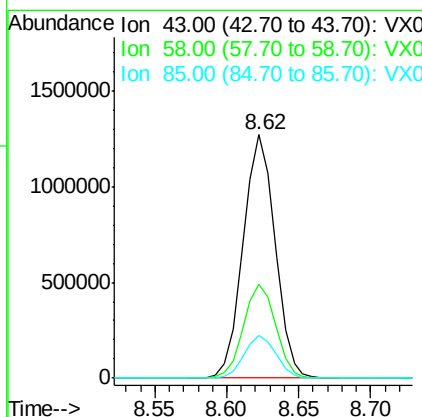
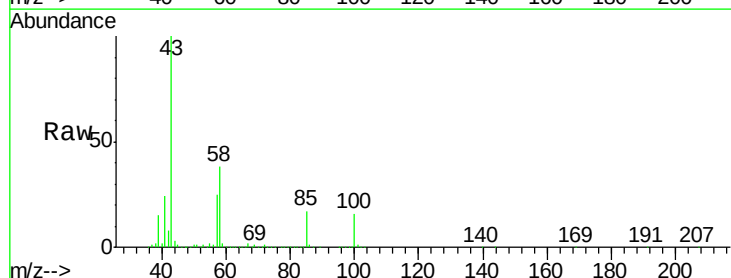
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

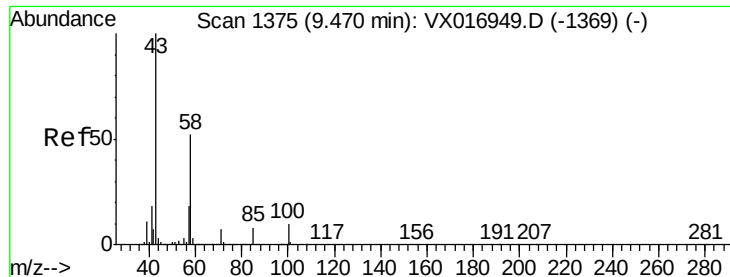
Tgt Ion: 117 Resp: 203939
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 519.445 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 43 Resp: 1951352
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6
85 17.2 13.5 20.3

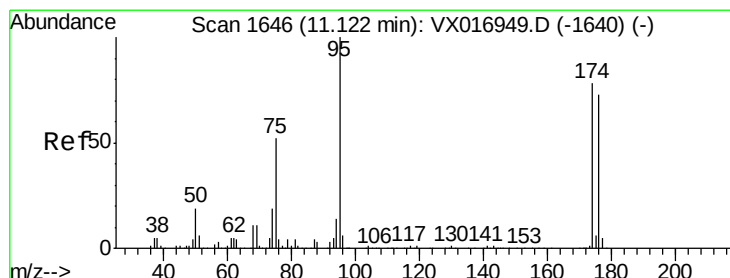
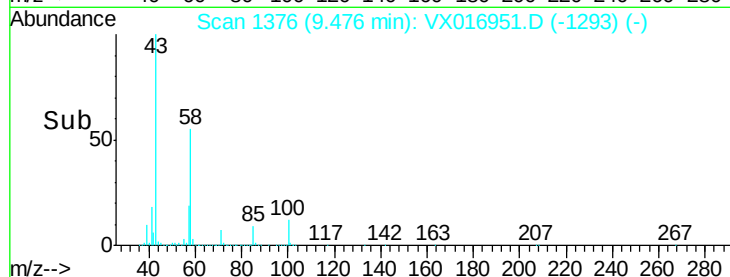
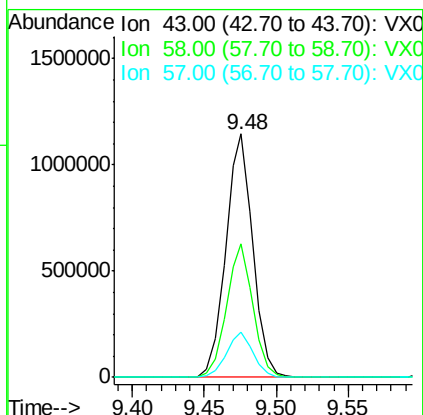
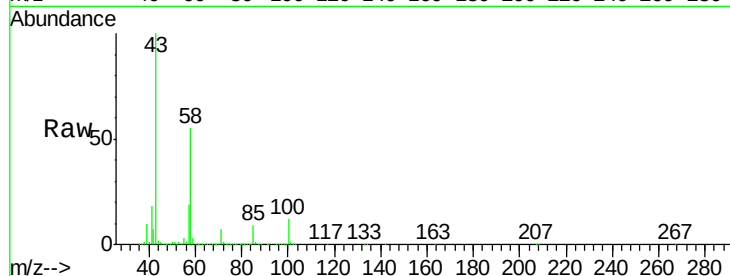




#59
2-Hexanone
Concen: 535.395 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

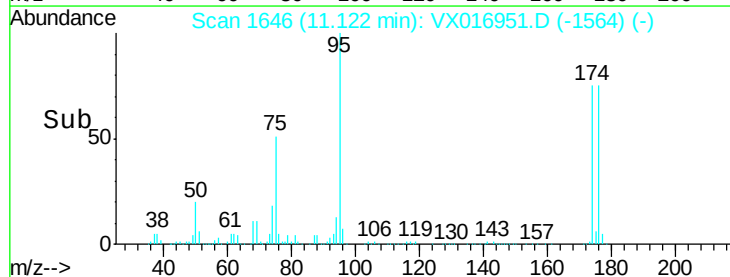
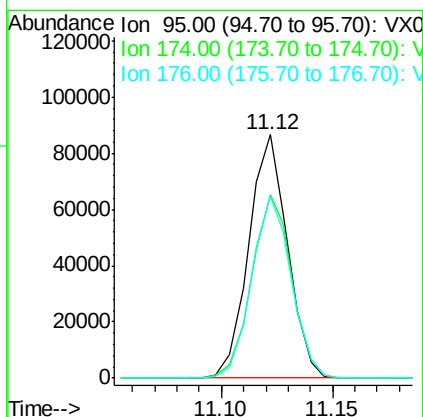
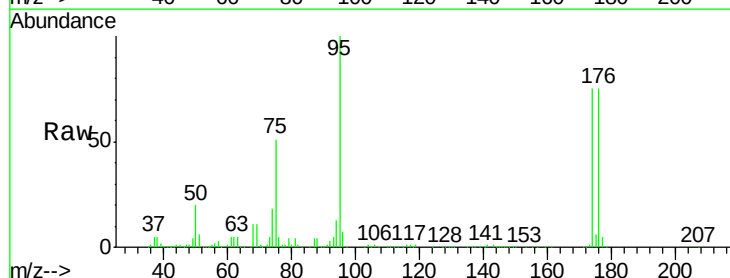
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

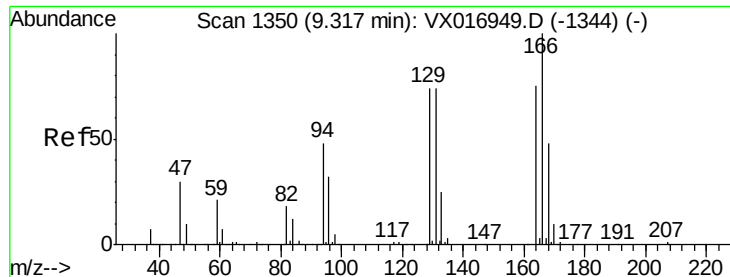
Tgt Ion: 43 Resp: 1501038
Ion Ratio Lower Upper
43 100
58 53.7 42.3 63.5
57 18.5 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.857 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 95 Resp: 104948
Ion Ratio Lower Upper
95 100
174 77.5 62.2 93.4
176 76.0 58.9 88.3





#61

Tetrachloroethene

Concen: 99.467 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 258698

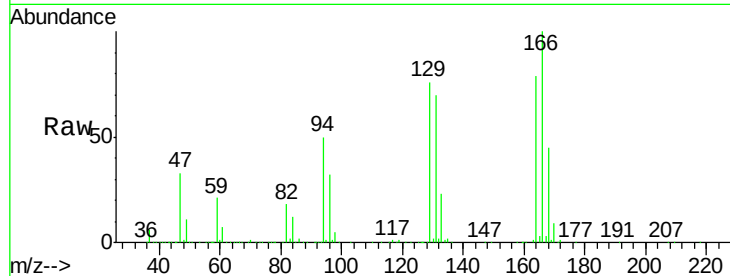
Ion Ratio Lower Upper

164 100

166 127.2 106.3 159.5

129 96.5 78.9 118.3

131 89.2 78.2 117.4

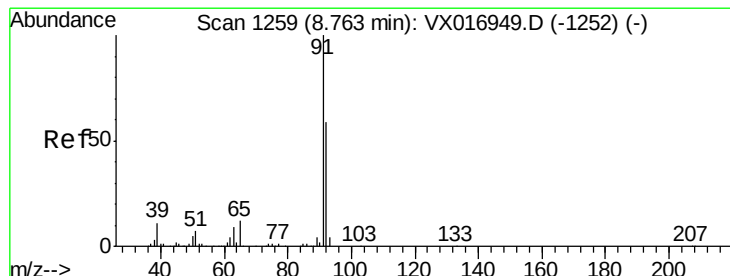
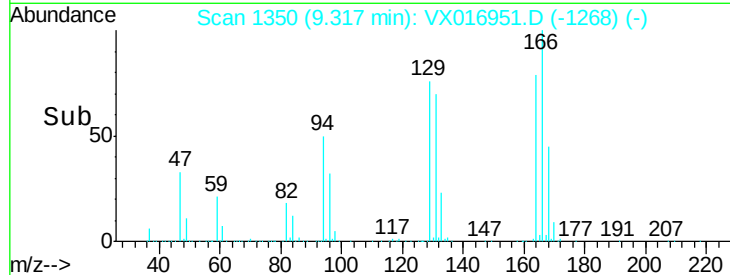
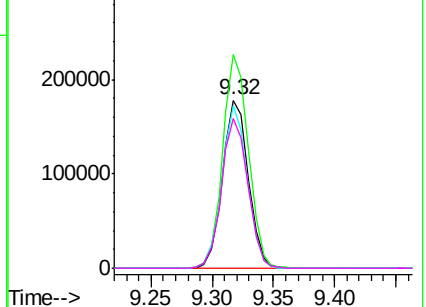


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 101.767 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016951.D

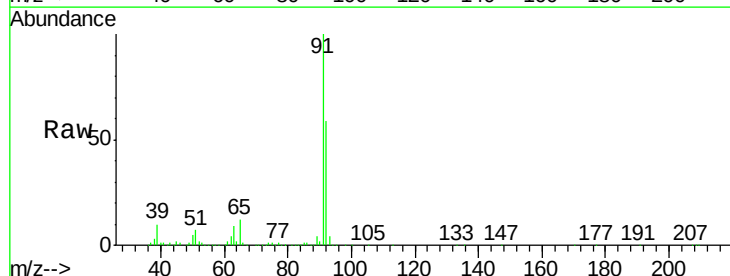
Acq: 25 Jun 2020 13:49

Tgt Ion: 91 Resp: 1135161

Ion Ratio Lower Upper

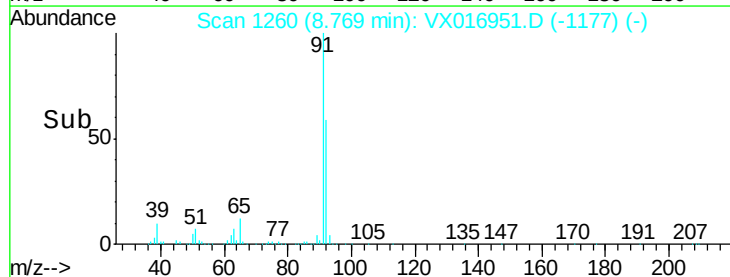
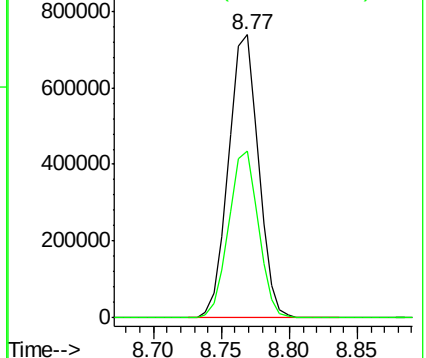
91 100

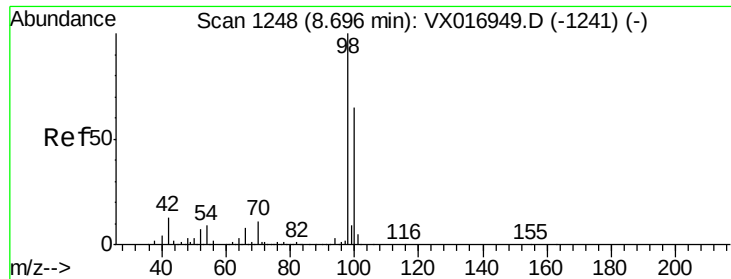
92 58.4 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.765 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

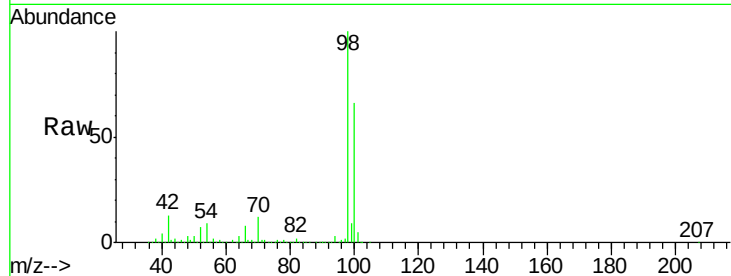
VSTDICC100

Tgt Ion: 98 Resp: 267581

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX016949.D (-1241) (-)

200000

150000

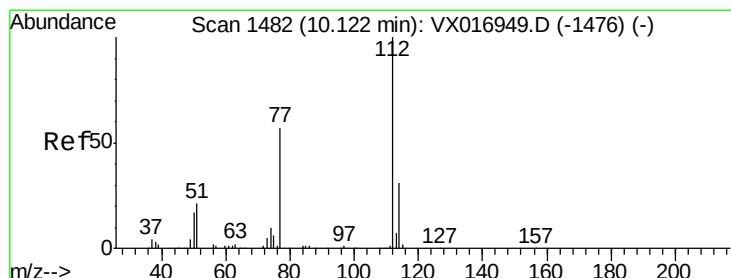
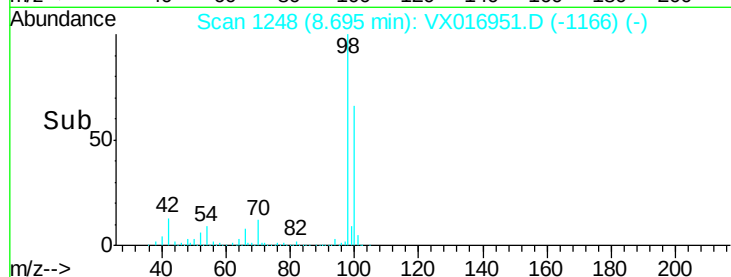
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 101.889 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016951.D

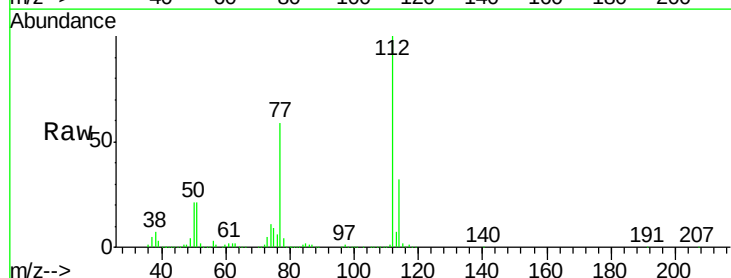
Acq: 25 Jun 2020 13:49

Tgt Ion: 112 Resp: 712022

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX016949.D (-1476) (-)

600000

500000

400000

300000

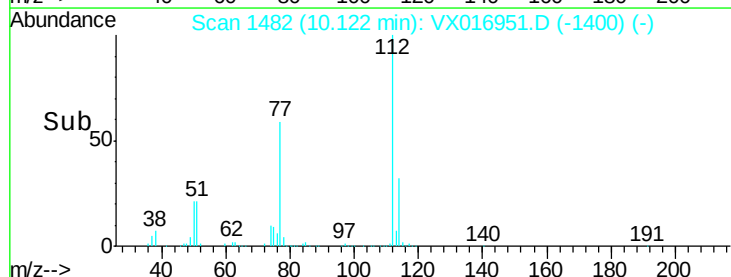
200000

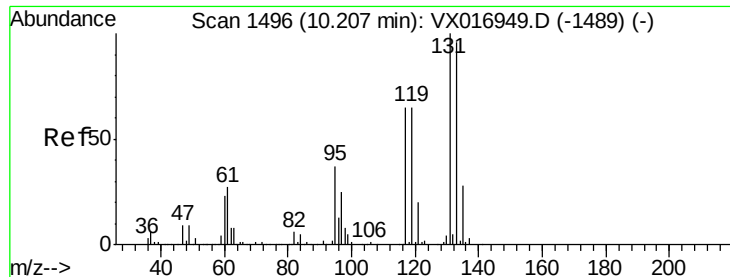
100000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 104.525 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

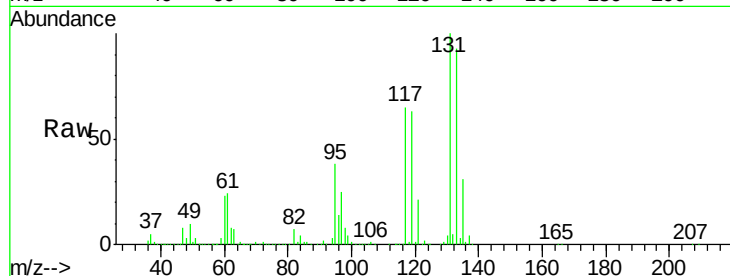
Tgt Ion:131 Resp: 274982

Ion Ratio Lower Upper

131 100

133 95.1 0.0 190.2

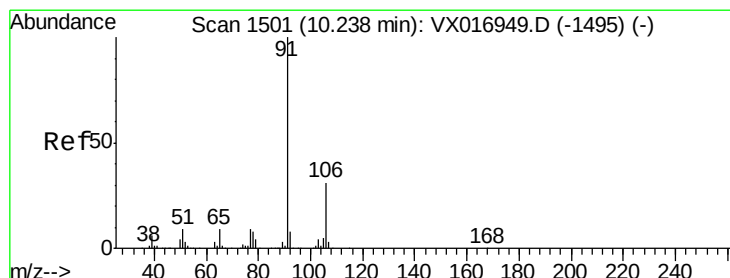
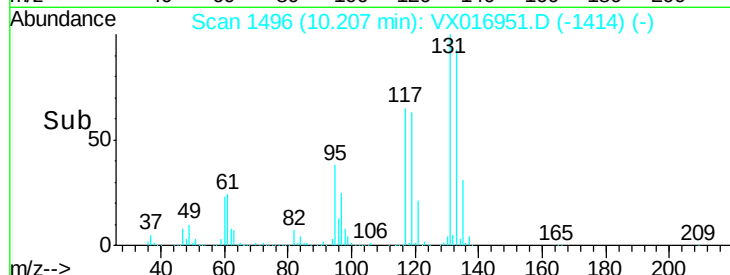
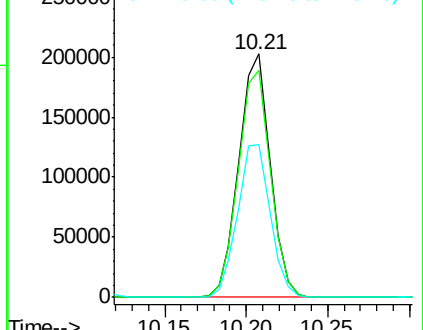
119 64.9 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 103.977 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016951.D

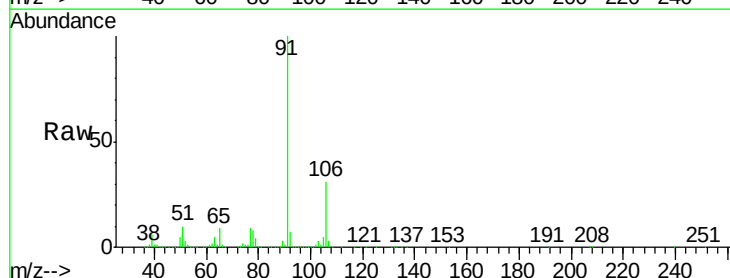
Acq: 25 Jun 2020 13:49

Tgt Ion: 91 Resp: 1286171

Ion Ratio Lower Upper

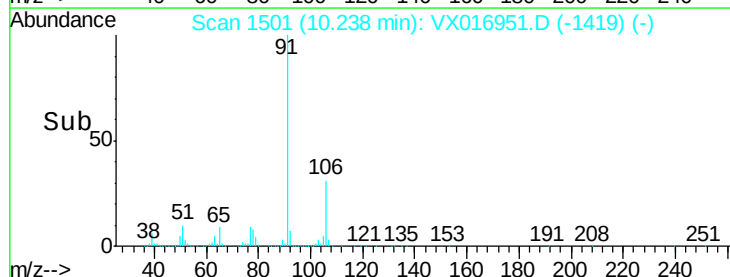
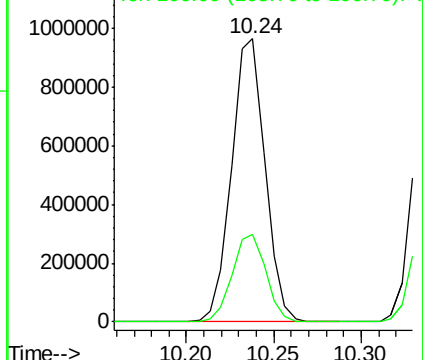
91 100

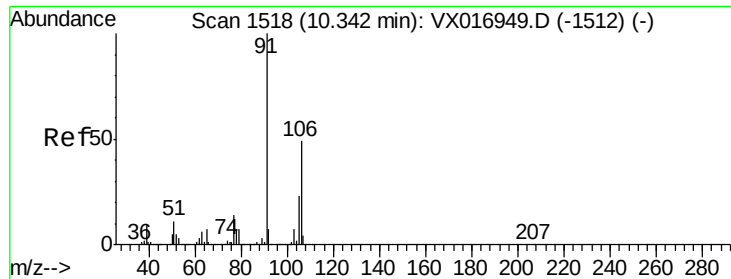
106 31.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 207.645 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

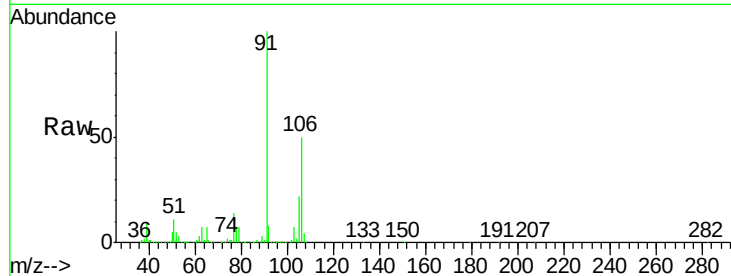
VSTDIC100

Tgt Ion:106 Resp: 968932

Ion Ratio Lower Upper

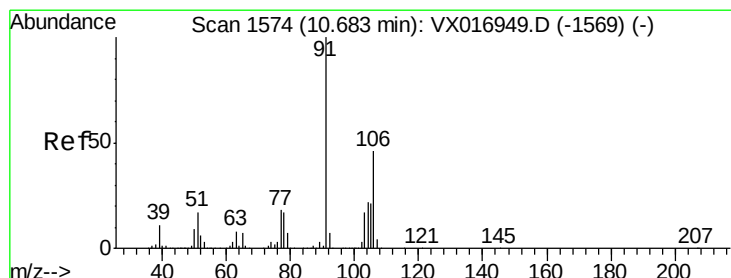
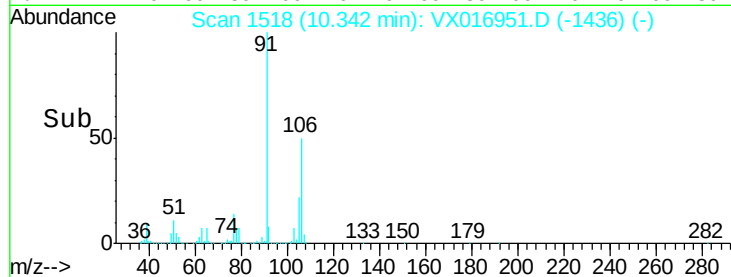
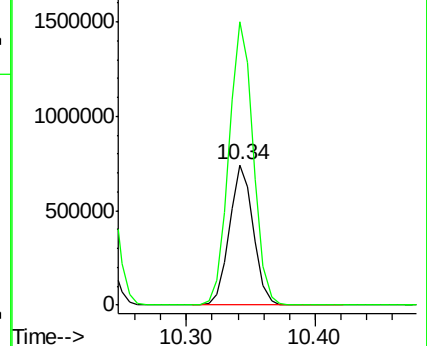
106 100

91 205.6 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 104.504 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016951.D

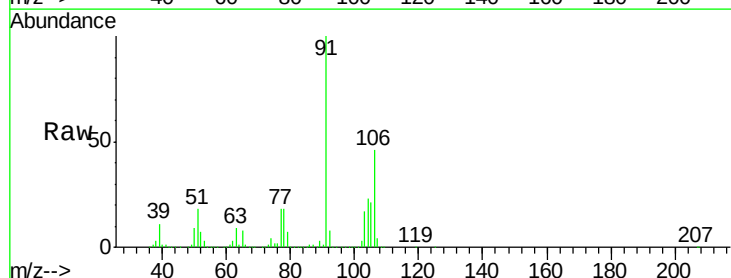
Acq: 25 Jun 2020 13:49

Tgt Ion:106 Resp: 468427

Ion Ratio Lower Upper

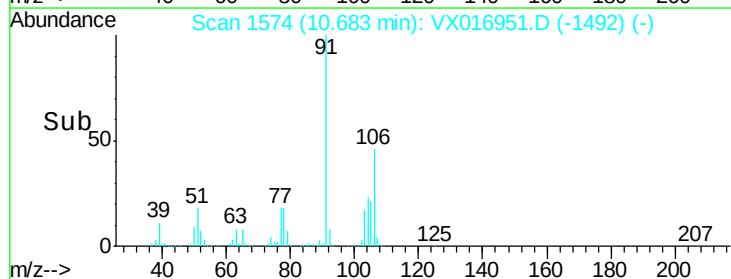
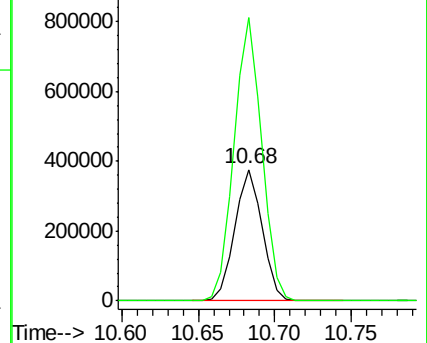
106 100

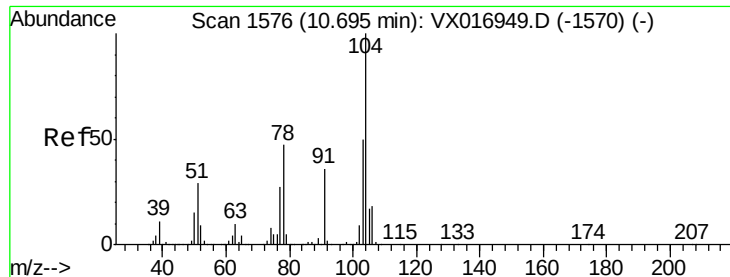
91 216.0 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 107.992 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

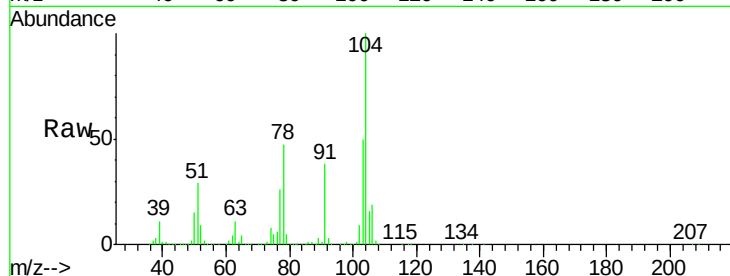
Tgt Ion:104 Resp: 828828

Ion Ratio Lower Upper

104 100

78 52.0 42.6 64.0

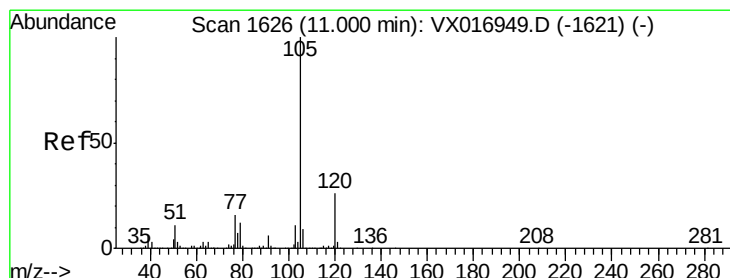
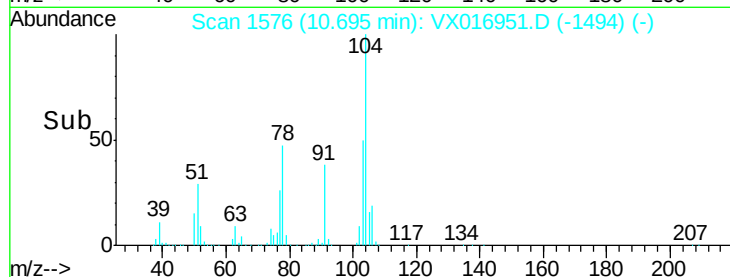
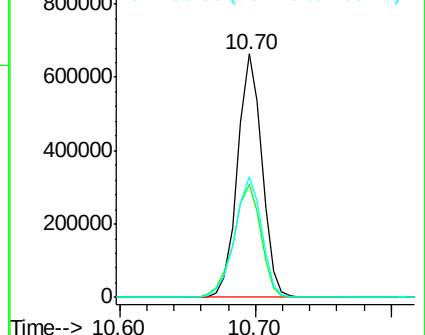
103 54.6 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 103.783 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016951.D

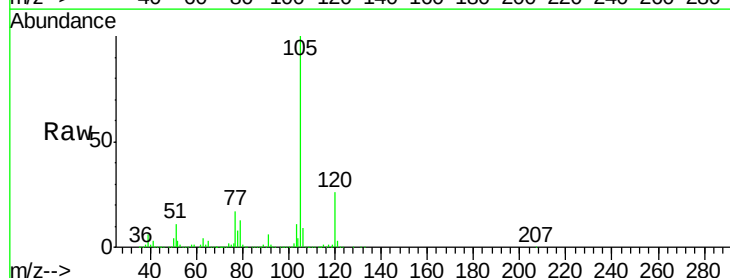
Acq: 25 Jun 2020 13:49

Tgt Ion:105 Resp: 1261731

Ion Ratio Lower Upper

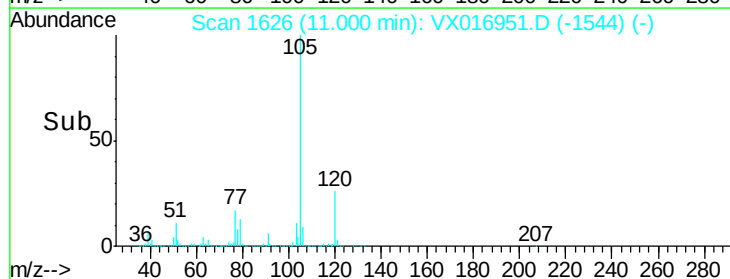
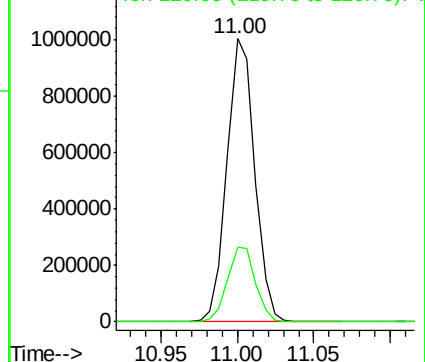
105 100

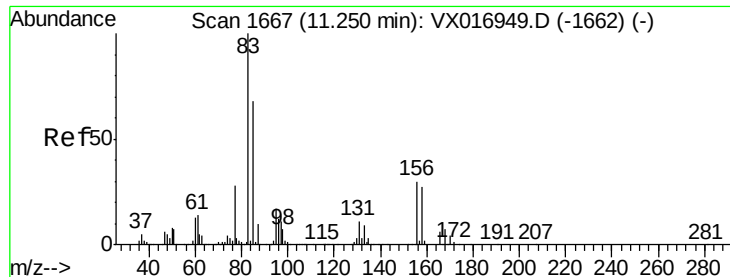
120 26.9 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 103.655 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

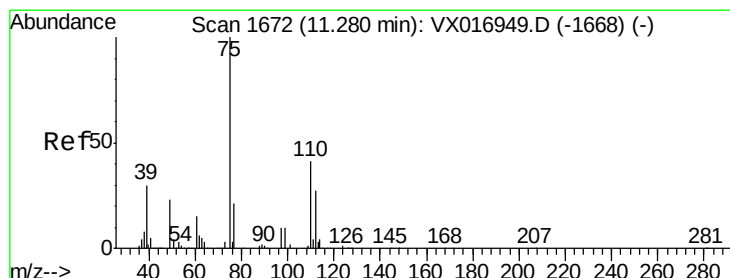
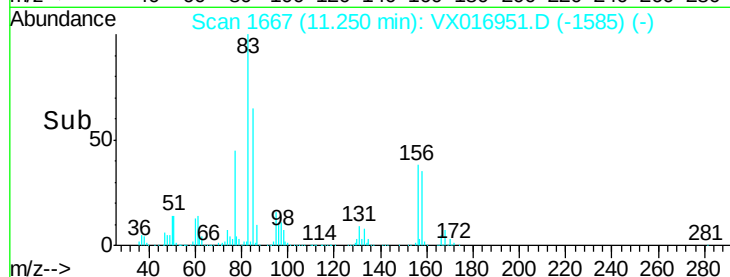
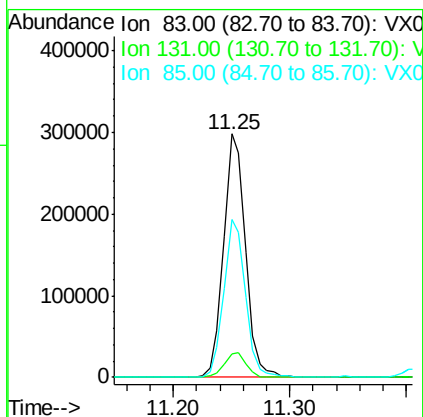
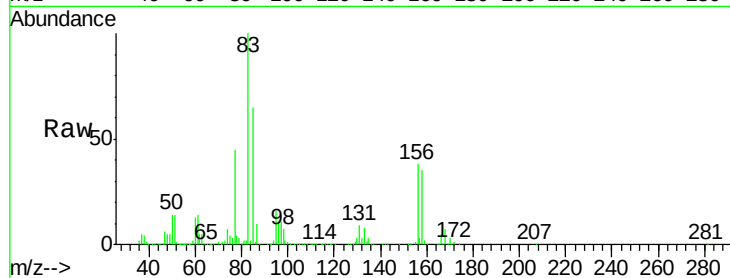
Tgt Ion: 83 Resp: 387021

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 64.2 33.1 99.3



#72

1,2,3-Trichloropropane

Concen: 134.610 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016951.D

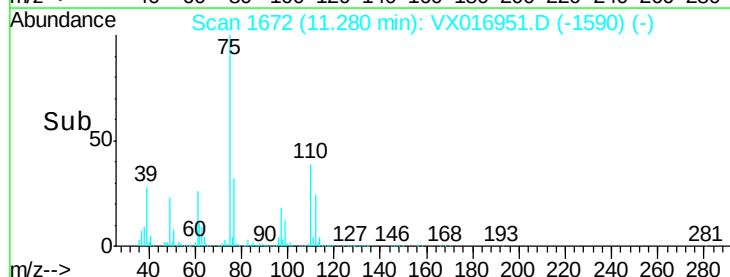
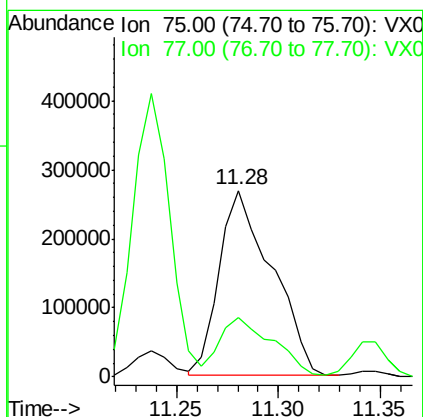
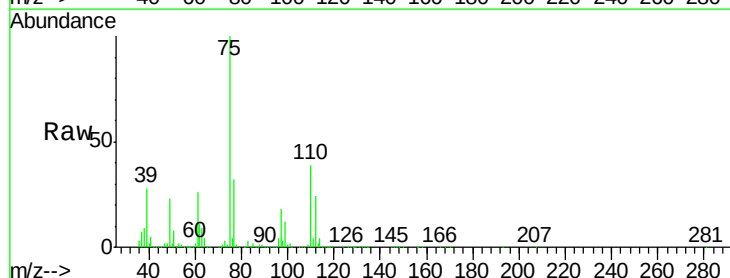
Acq: 25 Jun 2020 13:49

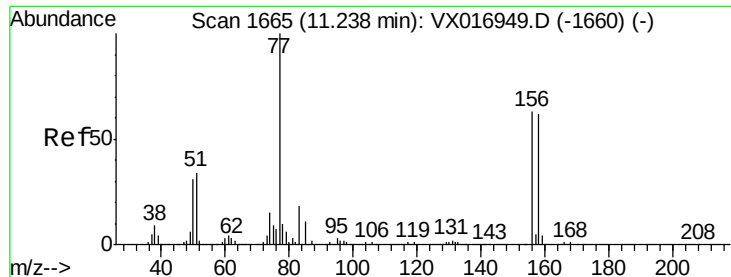
Tgt Ion: 75 Resp: 482655

Ion Ratio Lower Upper

75 100

77 32.4 0.0 77.2





#73

Bromobenzene

Concen: 105.590 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

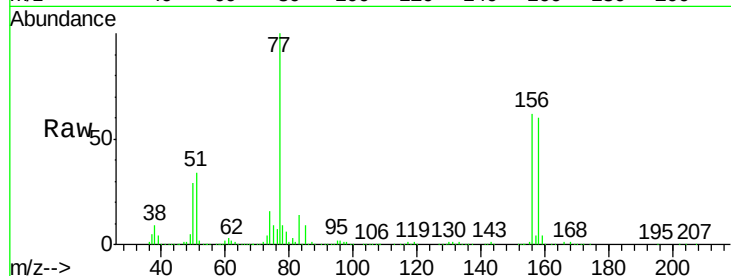
Tgt Ion:156 Resp: 323979

Ion Ratio Lower Upper

156 100

77 161.8 0.0 317.2

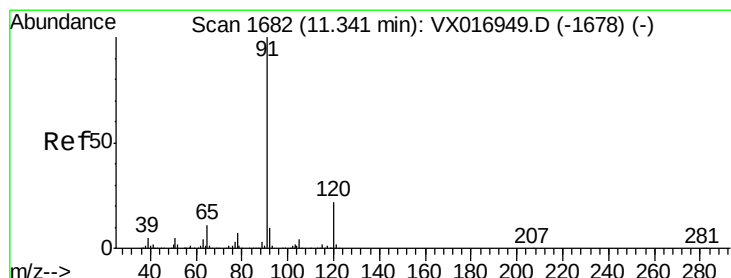
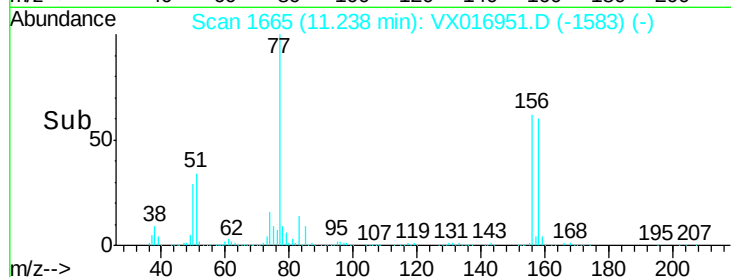
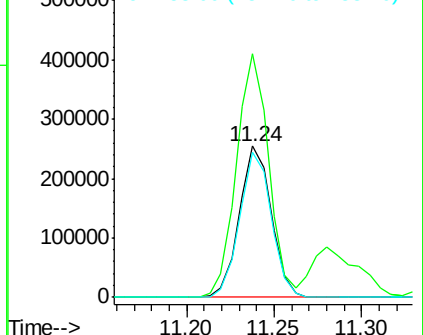
158 95.3 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 106.030 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016951.D

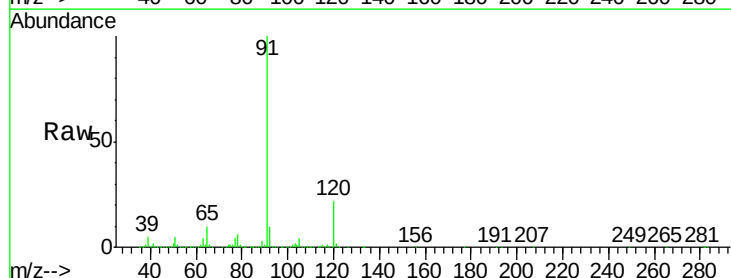
Acq: 25 Jun 2020 13:49

Tgt Ion: 91 Resp: 1530549

Ion Ratio Lower Upper

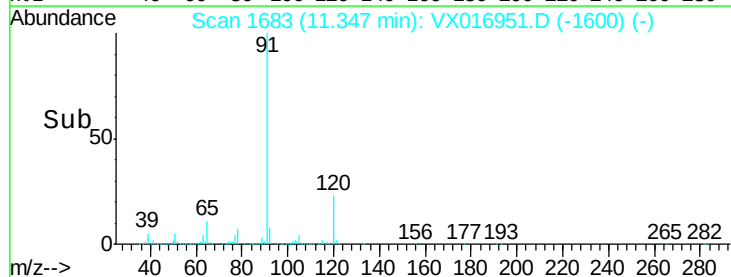
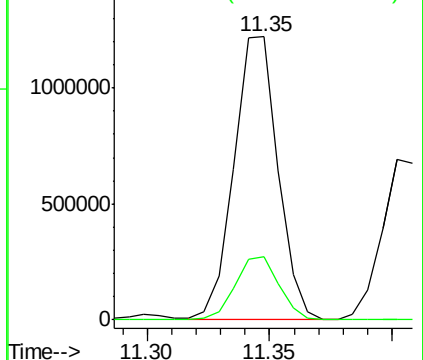
91 100

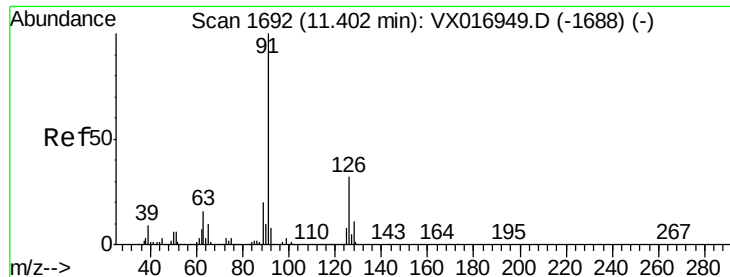
120 22.4 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 105.522 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

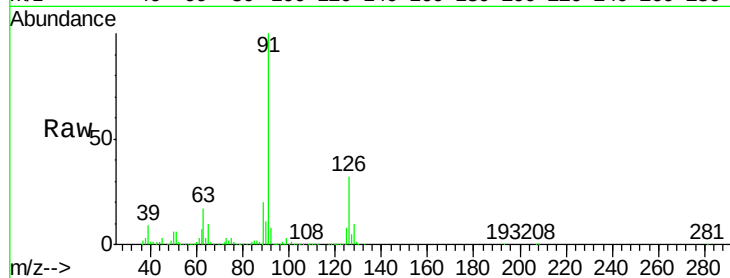
VSTDIC100

Tgt Ion: 91 Resp: 888233

Ion Ratio Lower Upper

91 100

126 33.6 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX016949.D (-1688) (-)

1000000

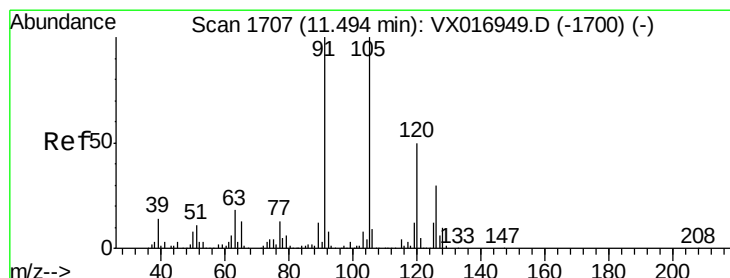
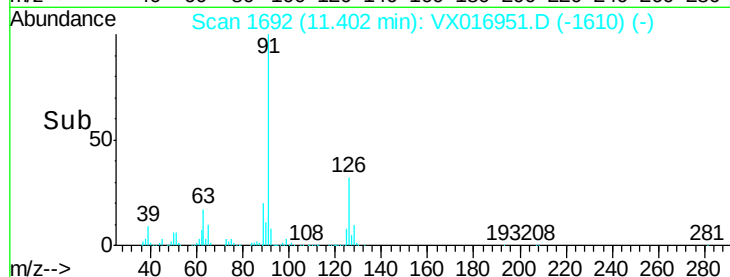
500000

11.40

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 106.870 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016951.D

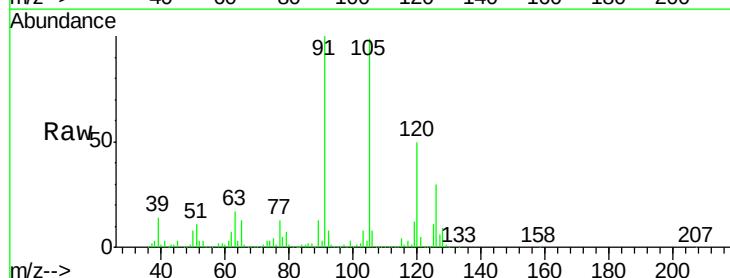
Acq: 25 Jun 2020 13:49

Tgt Ion: 105 Resp: 1090588

Ion Ratio Lower Upper

105 100

120 49.2 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016949.D (-1700) (-)

1000000

800000

600000

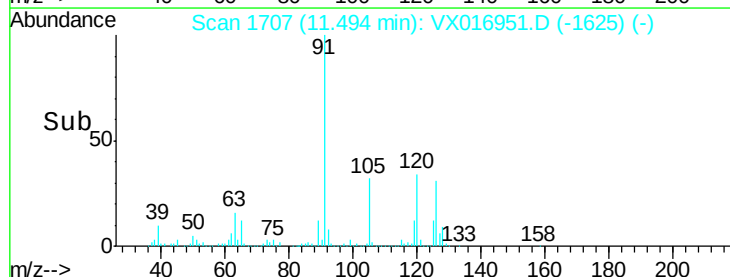
400000

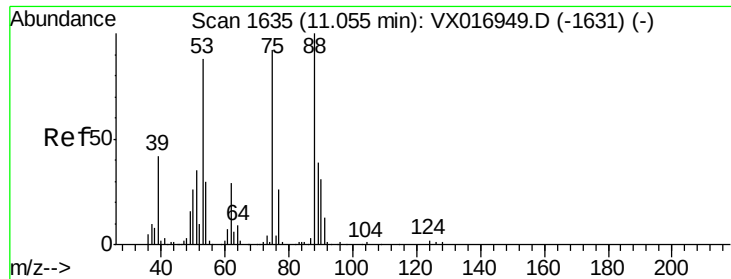
200000

0

11.45 11.50

Time-->

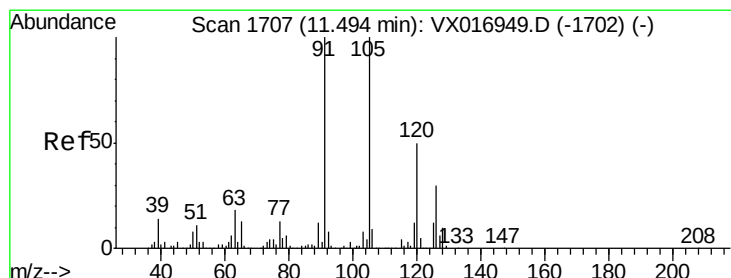
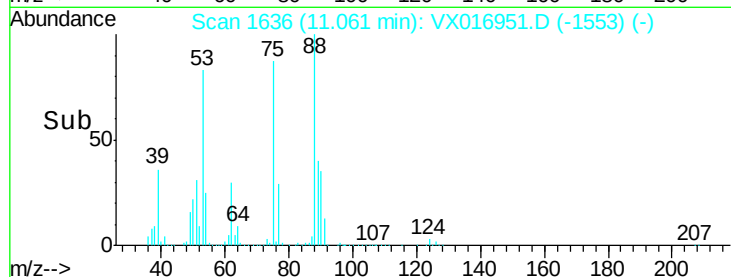
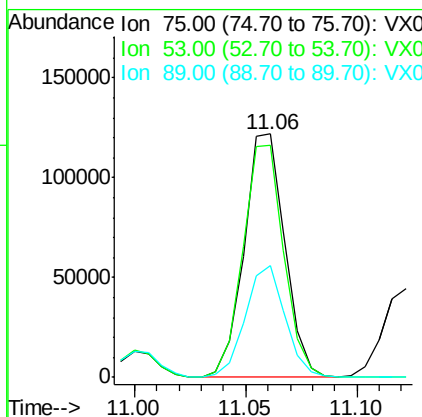
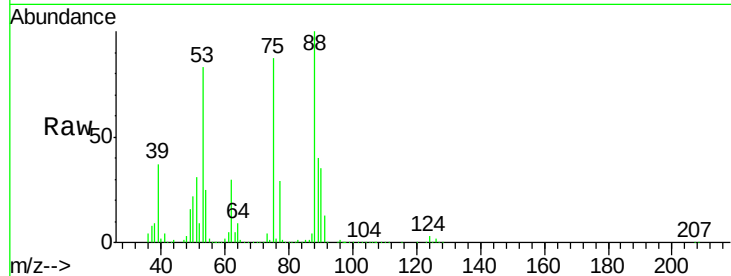




#77
t-1,4-Dichloro-2-butene
Concen: 107.391 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

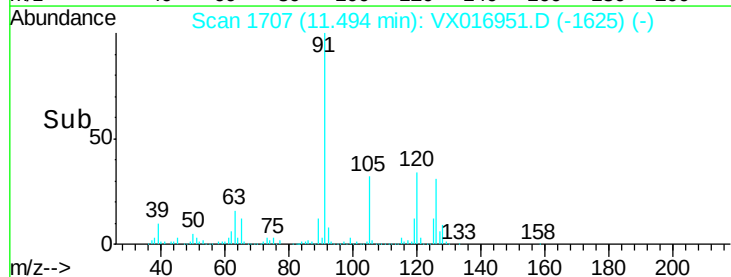
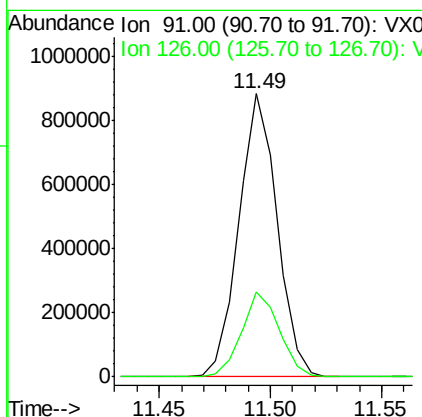
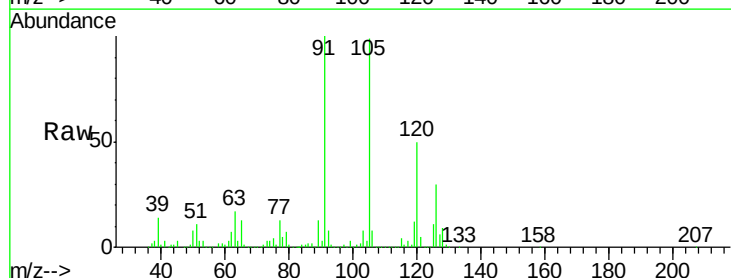
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

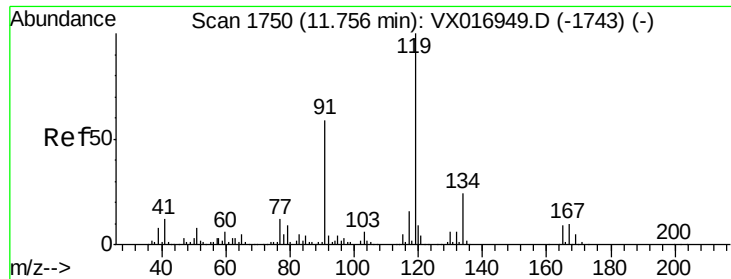
Tgt Ion: 75 Resp: 156049
Ion Ratio Lower Upper
75 100
53 95.4 47.6 142.9
89 46.0 21.1 63.4



#78
4-Chlorotoluene
Concen: 105.639 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion: 91 Resp: 1052848
Ion Ratio Lower Upper
91 100
126 29.6 0.0 60.6

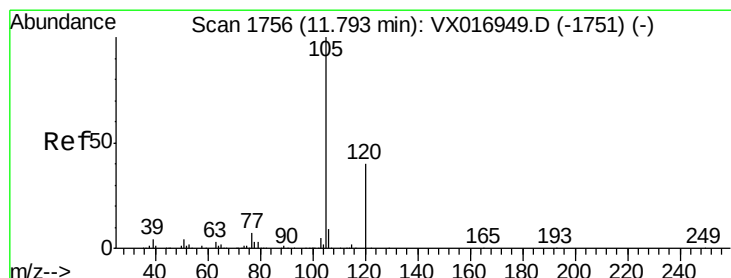
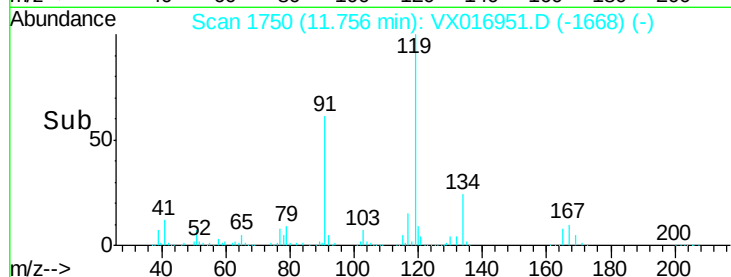
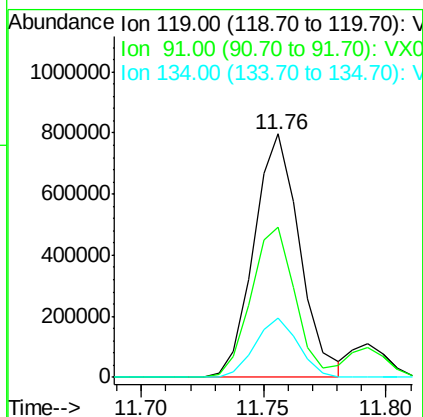
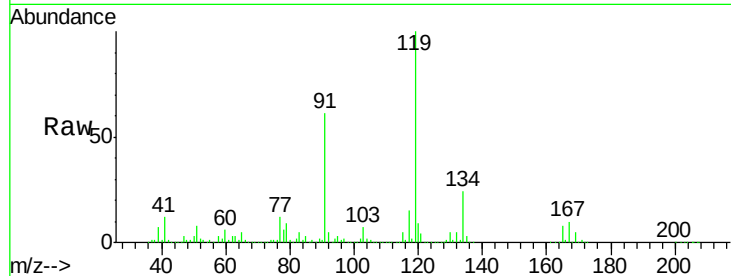




#79
tert-butylbenzene
Concen: 106.605 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

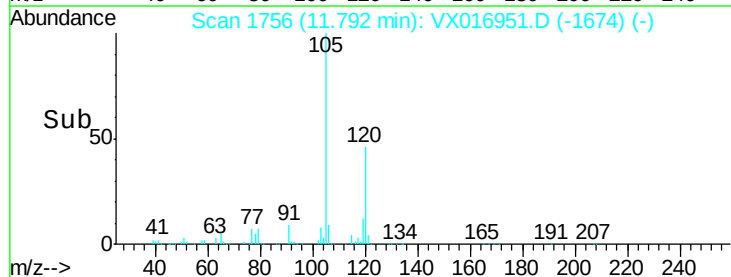
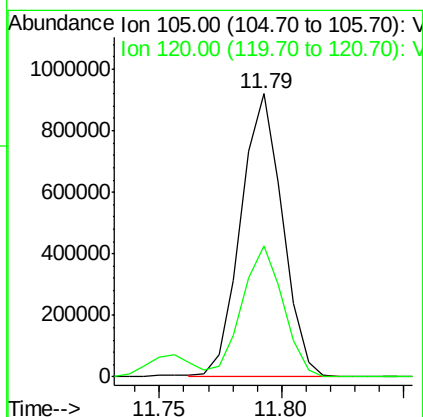
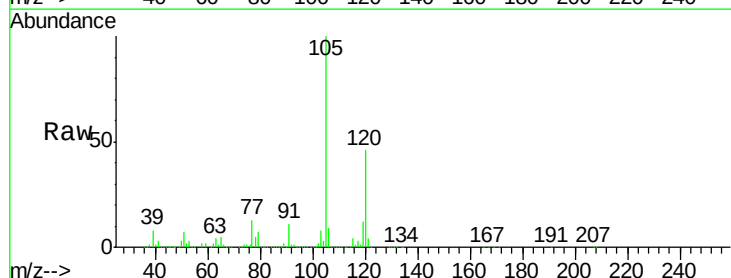
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

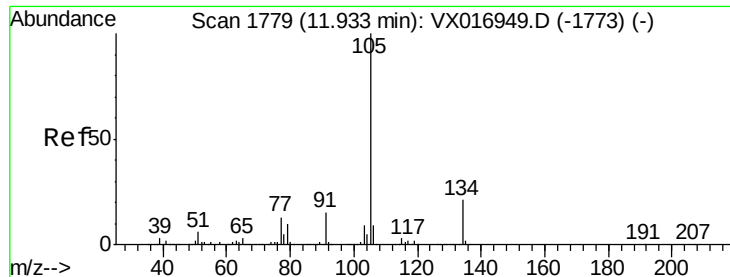
Tgt Ion:119 Resp: 1042151
Ion Ratio Lower Upper
119 100
91 59.0 0.0 115.2
134 23.3 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 106.027 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion:105 Resp: 1086232
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.8





#81

sec-Butylbenzene

Concen: 106.443 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

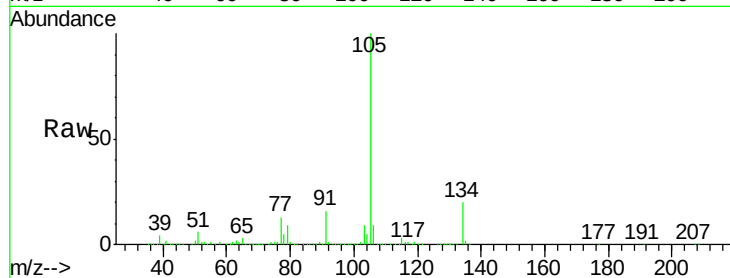
VSTDIC100

Tgt Ion:105 Resp: 1259854

Ion Ratio Lower Upper

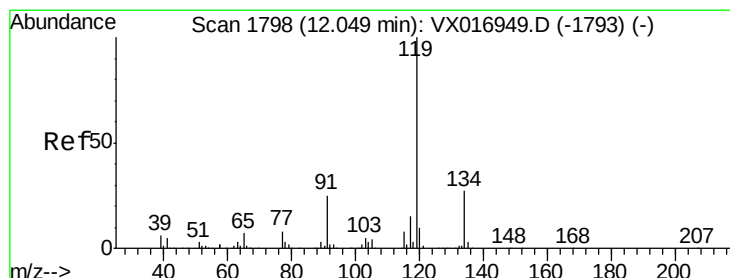
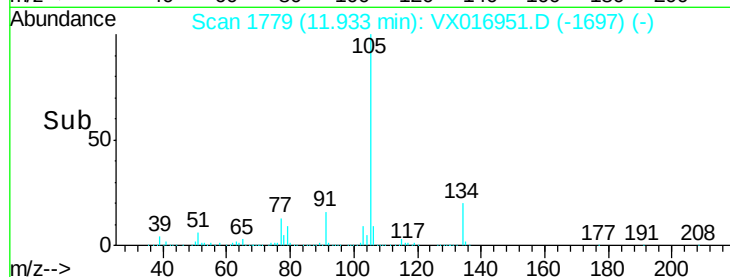
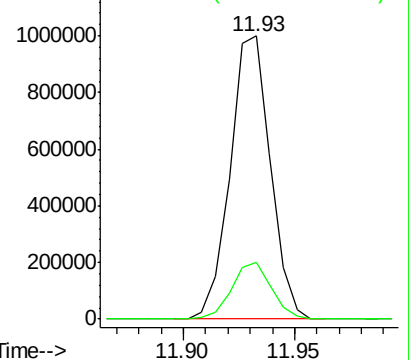
105 100

134 19.9 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 106.364 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

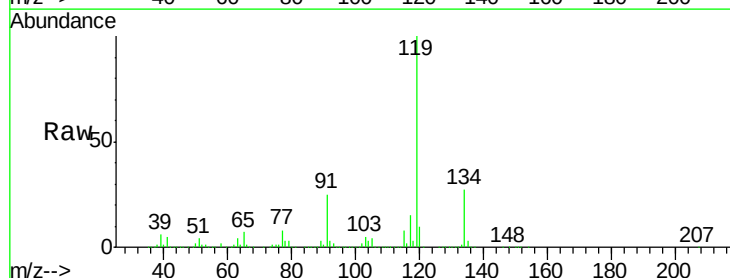
Tgt Ion:119 Resp: 1136706

Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.0

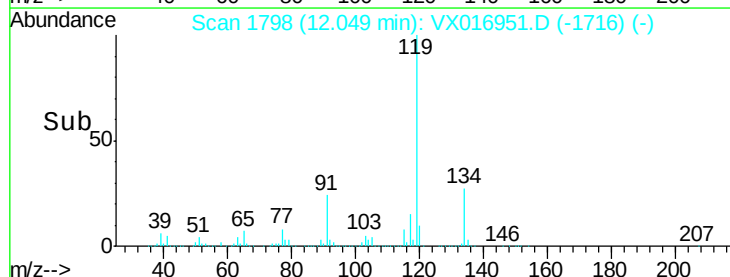
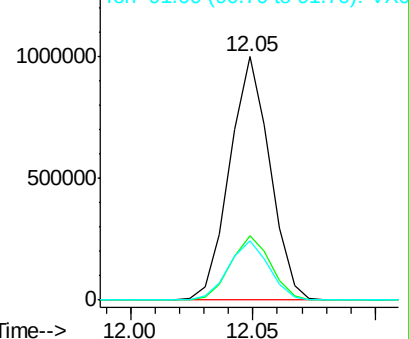
91 24.5 0.0 49.0

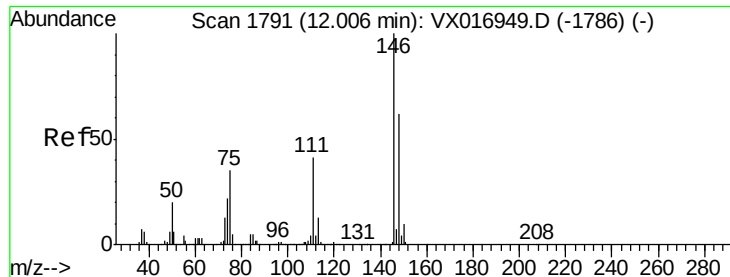


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 102.265 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

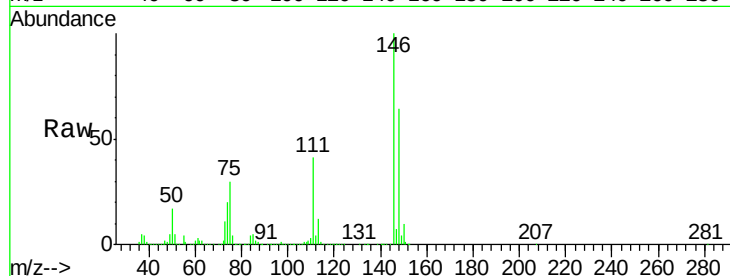
Tgt Ion:146 Resp: 562300

Ion Ratio Lower Upper

146 100

111 41.2 19.5 58.5

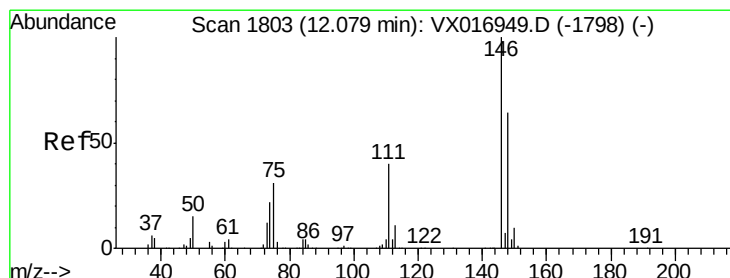
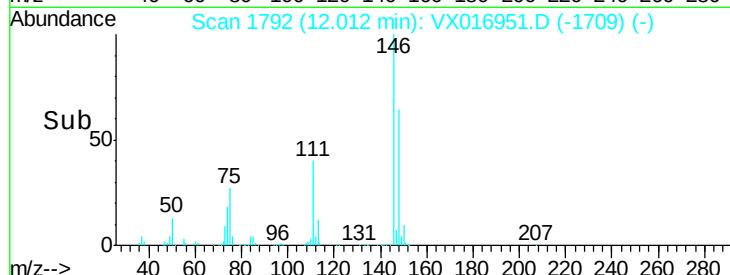
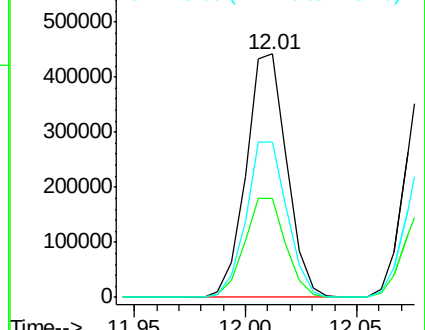
148 64.5 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 101.514 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

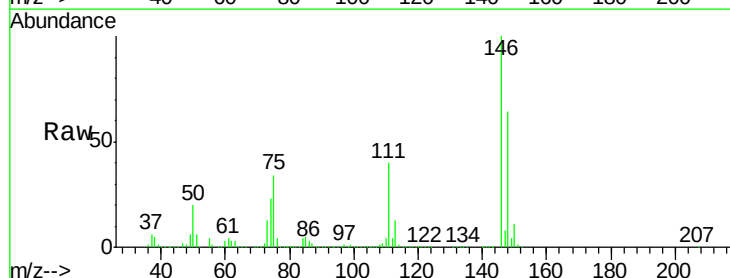
Tgt Ion:146 Resp: 560818

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

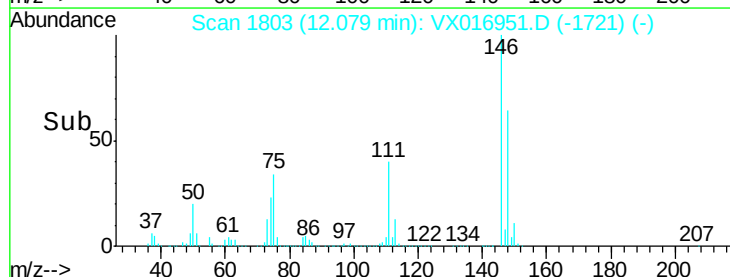
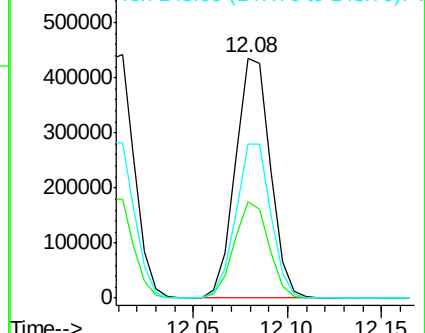
148 64.2 32.1 96.3

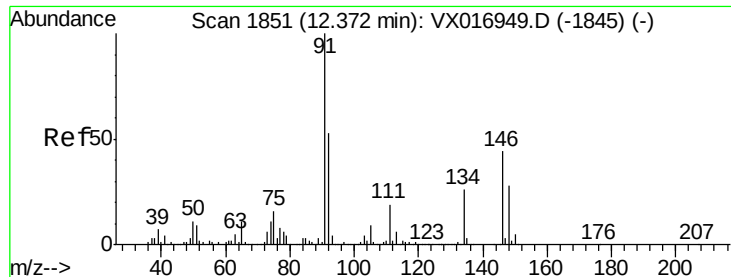


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 106.453 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

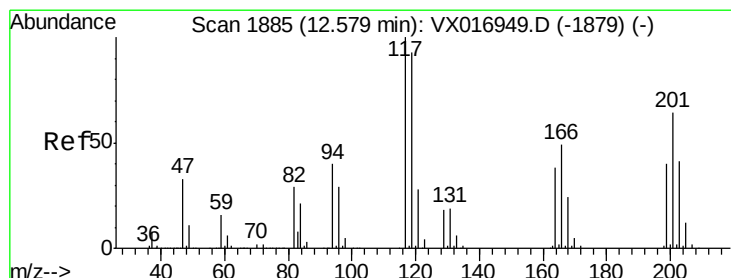
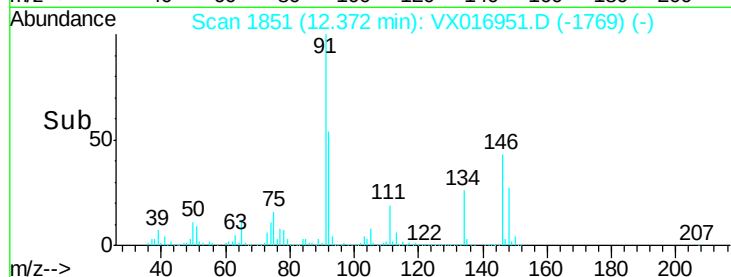
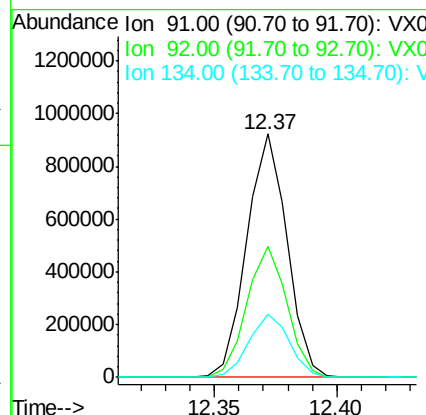
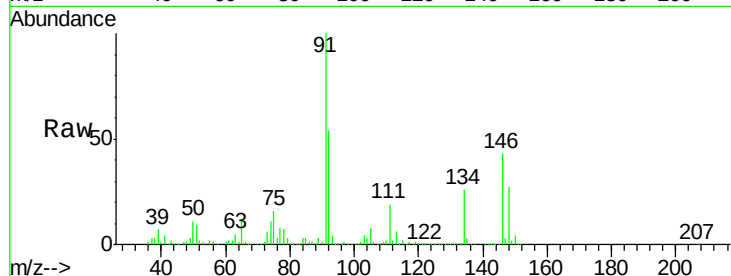
Tgt Ion: 91 Resp: 1053026

Ion Ratio Lower Upper

91 100

92 53.7 0.0 105.8

134 26.1 0.0 52.2



#86

Hexachloroethane

Concen: 105.749 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016951.D

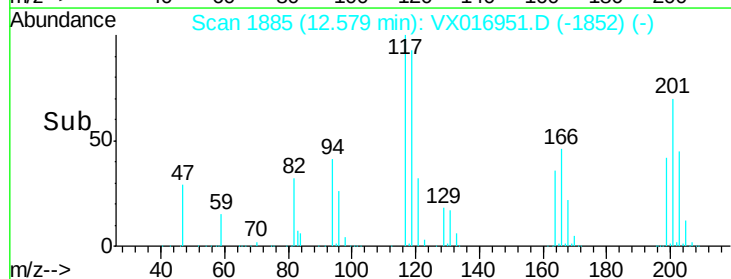
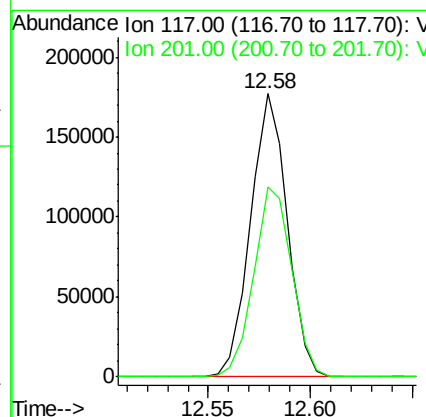
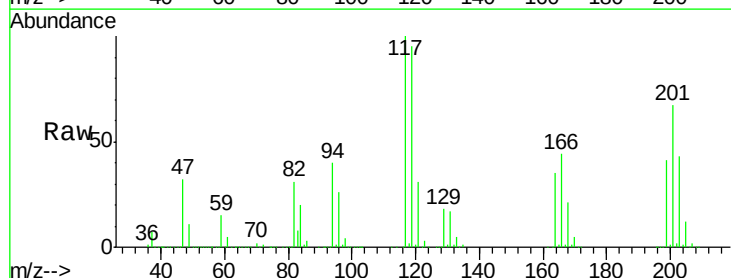
Acq: 25 Jun 2020 13:49

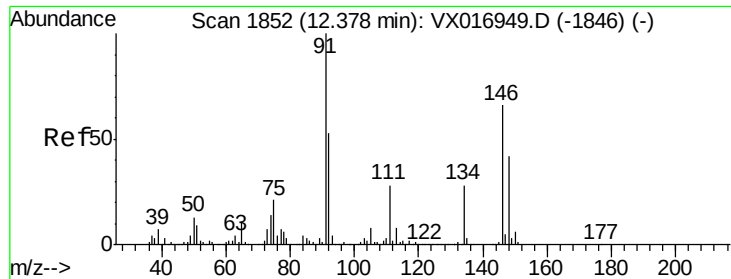
Tgt Ion: 117 Resp: 221167

Ion Ratio Lower Upper

117 100

201 70.0 34.6 103.9

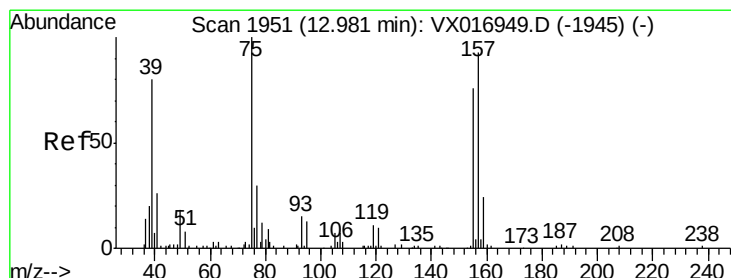
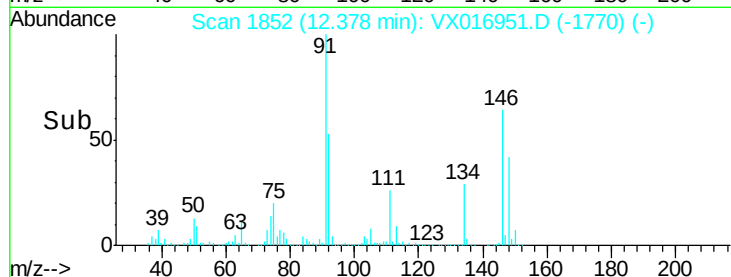
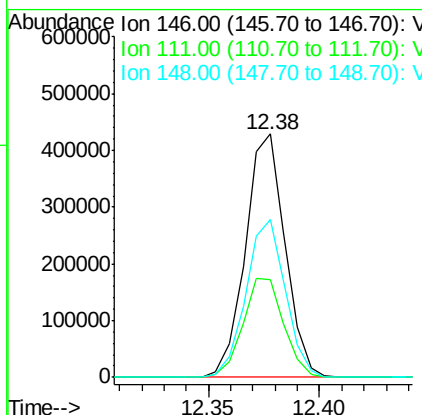
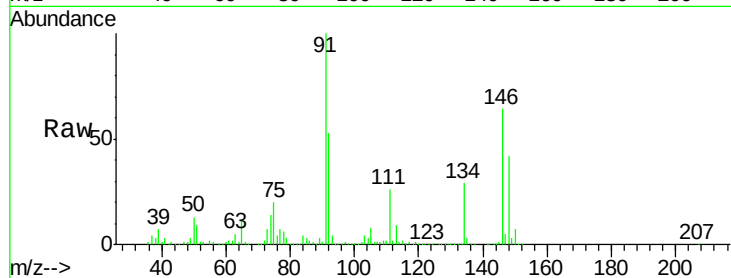




#87
 1,2-Dichlorobenzene
 Concen: 103.658 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

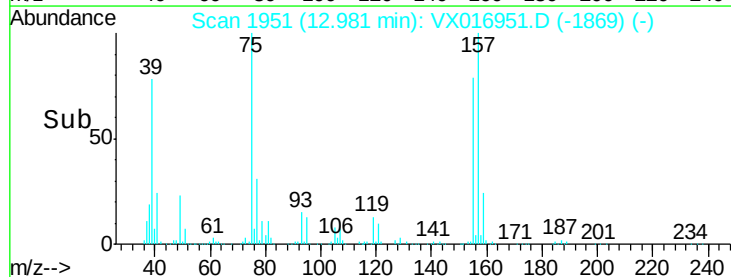
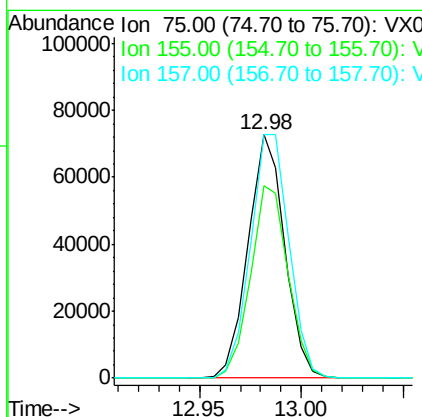
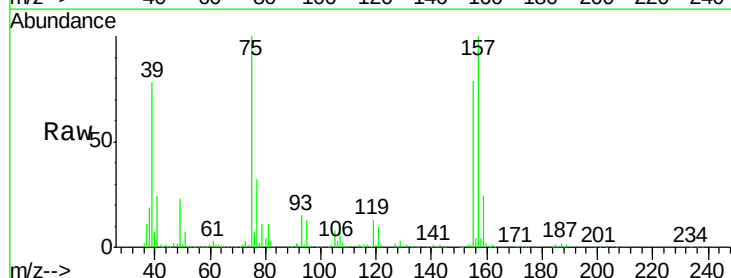
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

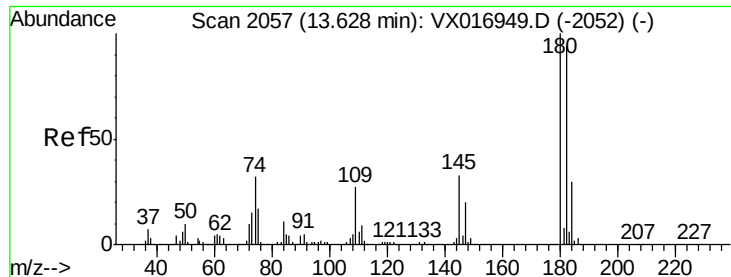
Tgt Ion:146 Resp: 533476
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 64.4 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 106.989 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016951.D
 Acq: 25 Jun 2020 13:49

Tgt Ion: 75 Resp: 90885
 Ion Ratio Lower Upper
 75 100
 155 81.4 65.0 97.6
 157 105.6 83.0 124.4

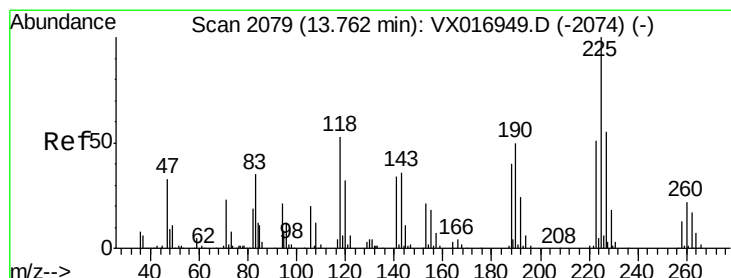
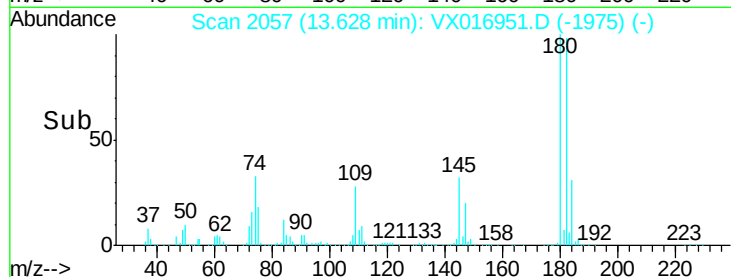
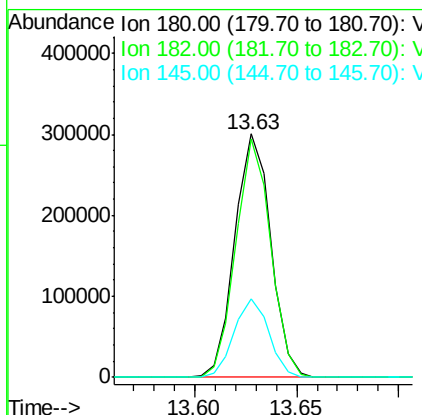
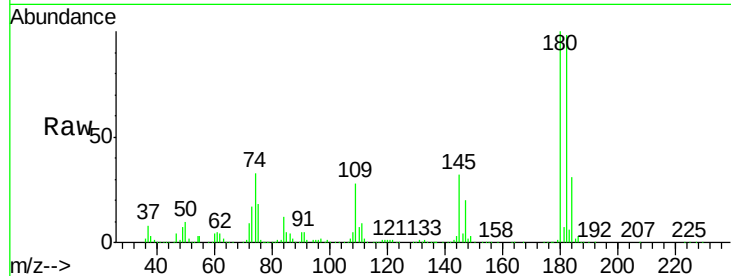




#89
1,2,4-Trichlorobenzene
Concen: 105.506 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

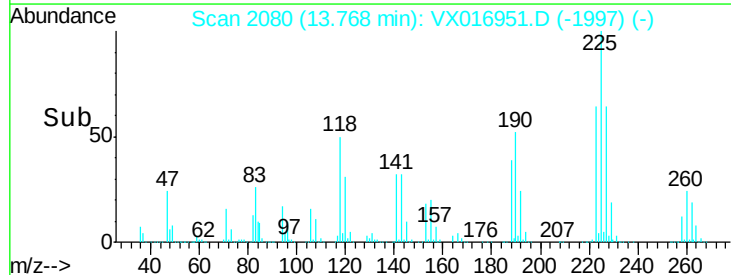
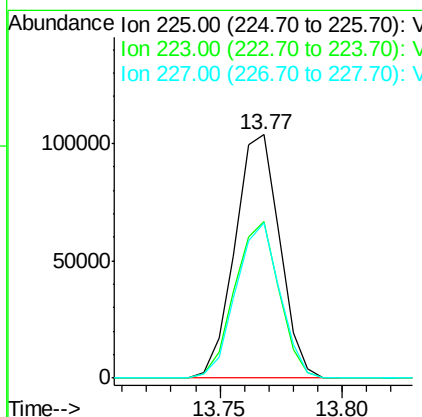
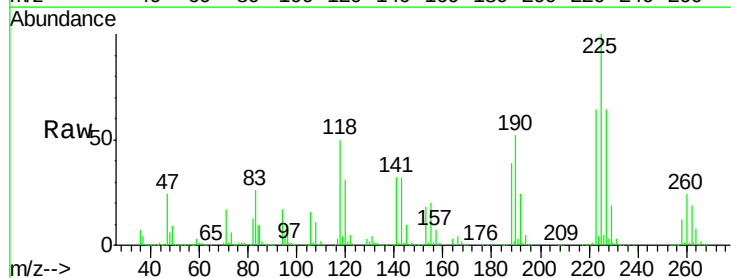
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

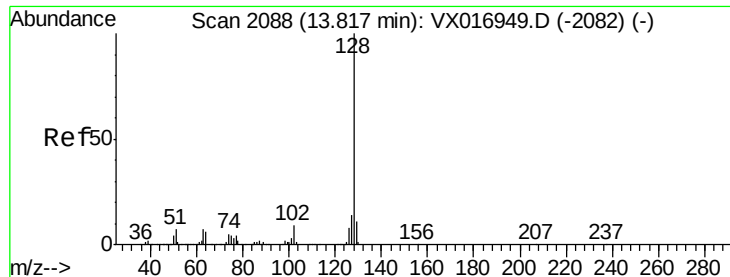
Tgt Ion:180 Resp: 366336
Ion Ratio Lower Upper
180 100
182 94.6 77.7 116.5
145 31.4 26.2 39.2



#90
Hexachlorobutadiene
Concen: 100.431 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016951.D
Acq: 25 Jun 2020 13:49

Tgt Ion:225 Resp: 132654
Ion Ratio Lower Upper
225 100
223 63.5 0.0 125.0
227 62.3 0.0 124.0





#91

Naphthalene

Concen: 107.684 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

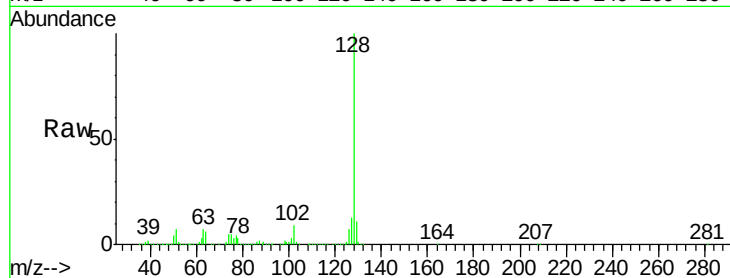
Tgt Ion:128 Resp: 1225566

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

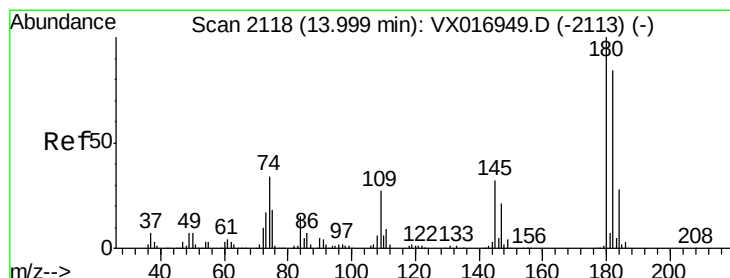
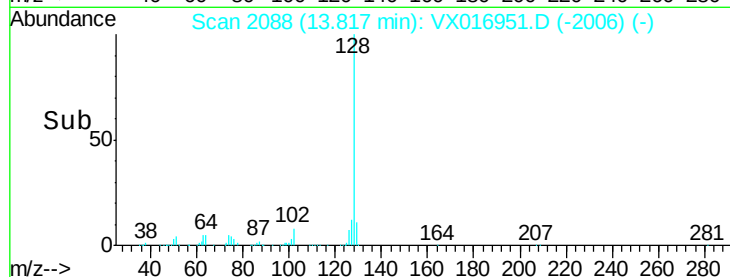
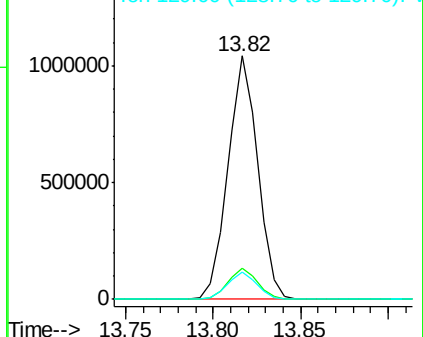
129 11.0 9.0 13.4



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



#92

1,2,3-Trichlorobenzene

Concen: 103.865 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016951.D

Acq: 25 Jun 2020 13:49

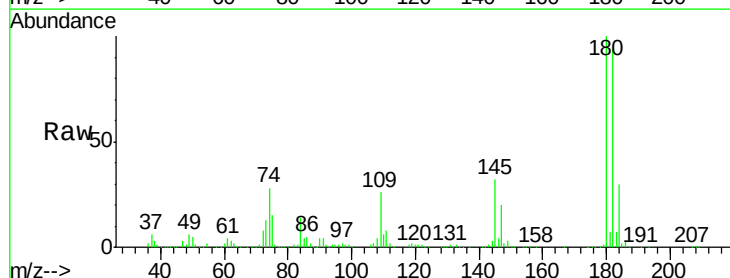
Tgt Ion:180 Resp: 351941

Ion Ratio Lower Upper

180 100

182 94.8 0.0 184.8

145 33.4 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

