

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075614.D
 Acq On : 10 Apr 2023 18:52
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 12 09:56:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	228267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	386265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	181503	96.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.860%#	
35) Dibromofluoromethane	7.805	113	234774	103.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 207.420%#	
50) Toluene-d8	10.269	98	923930	104.055	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 208.120%#	
62) 4-Bromofluorobenzene	12.575	95	273312	104.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 209.260%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	148501	92.085	ug/l	97
3) Chloromethane	2.146	50	249438	88.946	ug/l	97
4) Vinyl Chloride	2.281	62	364377	92.810	ug/l	97
5) Bromomethane	2.681	94	305011	97.561	ug/l	97
6) Chloroethane	2.834	64	256498	93.135	ug/l	99
7) Trichlorofluoromethane	3.175	101	316748	94.577	ug/l	100
8) Diethyl Ether	3.593	74	103740	100.289	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.964	101	213100	96.667	ug/l	95
10) Methyl Iodide	4.164	142	284264	107.845	ug/l	91
11) Tert butyl alcohol	5.052	59	43943	496.364	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	211818	100.105	ug/l	84
13) Acrolein	3.799	56	60403	516.005	ug/l	95
14) Allyl chloride	4.564	41	192496	100.802	ug/l #	80
15) Acrylonitrile	5.258	53	198651	501.146	ug/l	95
16) Acetone	4.017	43	163947	480.493	ug/l #	79
17) Carbon Disulfide	4.269	76	529746	96.729	ug/l	98
18) Methyl Acetate	4.564	43	98833	95.976	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	461031	103.092	ug/l	95
20) Methylene Chloride	4.799	84	270728	103.994	ug/l #	74
21) trans-1,2-Dichloroethene	5.311	96	250484	100.289	ug/l #	73
22) Diisopropyl ether	6.211	45	473662	101.113	ug/l #	88
23) Vinyl Acetate	6.152	43	1182978	538.050	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	375011	96.942	ug/l	96
25) 2-Butanone	7.081	43	218139	492.627	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	340117	95.842	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	301139	102.402	ug/l	78
28) Bromochloromethane	7.422	49	127278	96.295	ug/l #	40
29) Tetrahydrofuran	7.446	42	123394	526.220	ug/l #	51
30) Chloroform	7.599	83	428718	97.418	ug/l	95
31) Cyclohexane	7.875	56	253266	92.963	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	360781	98.509	ug/l	94
36) 1,1-Dichloropropene	8.005	75	302935	104.782	ug/l	93
37) Ethyl Acetate	7.169	43	89492	102.958	ug/l #	76
38) Carbon Tetrachloride	7.993	117	287865	103.829	ug/l	97
39) Methylcyclohexane	9.275	83	364318	105.827	ug/l #	87
40) Benzene	8.252	78	967723	103.880	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	49334	103.640	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	218441	100.919	ug/l	88
43) Isopropyl Acetate	8.357	43	174913	105.414	ug/l #	77
44) Trichloroethene	9.028	130	274343	100.541	ug/l	97
45) 1,2-Dichloropropane	9.305	63	218312	100.457	ug/l	95
46) Dibromomethane	9.393	93	136386	101.079	ug/l	94
47) Bromodichloromethane	9.587	83	328431	100.653	ug/l	95
48) Methyl methacrylate	9.381	41	83652	111.244	ug/l #	61
49) 1,4-Dioxane	9.381	88	26038	2128.794	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	465419	521.052	ug/l #	76
52) Toluene	10.334	92	650502	103.388	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	307926	104.112	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	369983	102.882	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	201427	101.231	ug/l	92
56) Ethyl methacrylate	10.599	69	208963	108.955	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	301600	100.666	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	492386	531.002	ug/l #	85
59) 2-Hexanone	10.922	43	329491	523.607	ug/l	69
60) Dibromochloromethane	11.075	129	243207	102.372	ug/l	100
61) 1,2-Dibromoethane	11.181	107	188022	98.868	ug/l	97
64) Tetrachloroethene	10.810	164	227115	103.067	ug/l	97
65) Chlorobenzene	11.604	112	721271	101.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	257347	102.330	ug/l	95
67) Ethyl Benzene	11.687	91	1239169	105.610	ug/l	94
68) m/p-Xylenes	11.793	106	1031478	213.433	ug/l	89
69) o-Xylene	12.122	106	486492	111.820	ug/l	89
70) Styrene	12.134	104	827052	110.846	ug/l	93
71) Bromoform	12.298	173	139446	107.278	ug/l #	98
73) Isopropylbenzene	12.422	105	1217581	105.367	ug/l	98
74) N-amyl acetate	12.234	43	163250	100.728	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	211531	97.865	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	133779m	91.795	ug/l	
77) Bromobenzene	12.704	156	301024	103.204	ug/l	86
78) n-propylbenzene	12.763	91	1444896	103.995	ug/l	96
79) 2-Chlorotoluene	12.851	91	777188	101.139	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	986096	104.195	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	63695	100.168	ug/l #	70
82) 4-Chlorotoluene	12.945	91	803887	100.847	ug/l	91
83) tert-Butylbenzene	13.169	119	881106	107.226	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	1000583	104.696	ug/l	94
85) sec-Butylbenzene	13.345	105	1315718	104.776	ug/l	97
86) p-Isopropyltoluene	13.463	119	1113443	105.482	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	614527	100.895	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	592094	98.293	ug/l	97
89) n-Butylbenzene	13.787	91	990645	103.221	ug/l	96
90) Hexachloroethane	14.051	117	203429	101.881	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	519152	98.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	27010	99.897	ug/l	70
93) 1,2,4-Trichlorobenzene	15.098	180	302297	108.561	ug/l	99
94) Hexachlorobutadiene	15.204	225	139501	105.763	ug/l	98
95) Naphthalene	15.334	128	605633	114.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	265836	107.750	ug/l	99

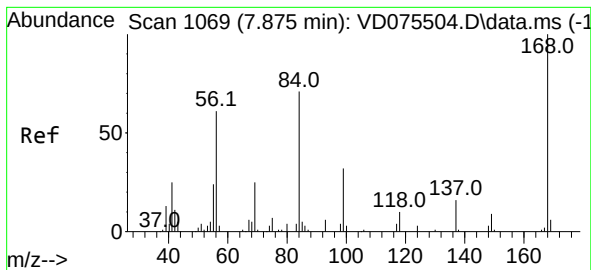
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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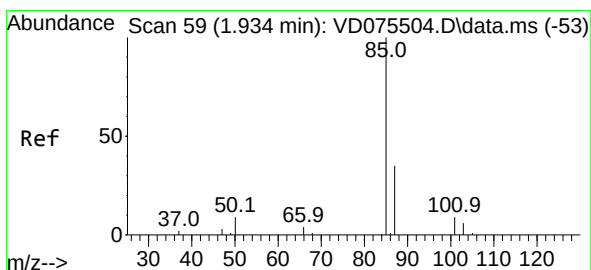
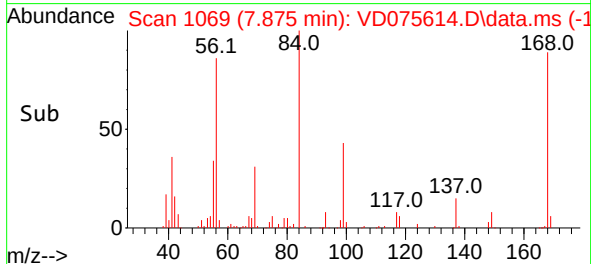
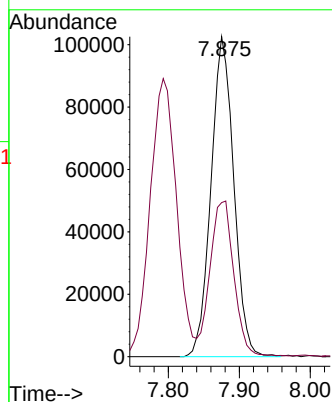
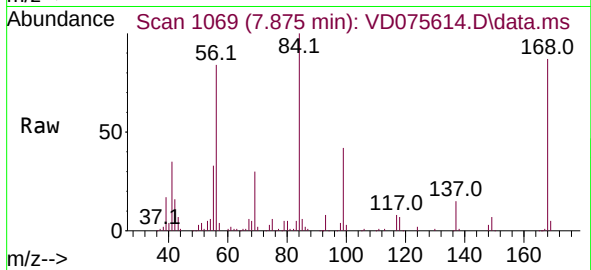
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

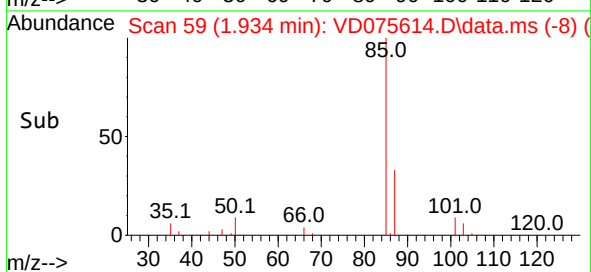
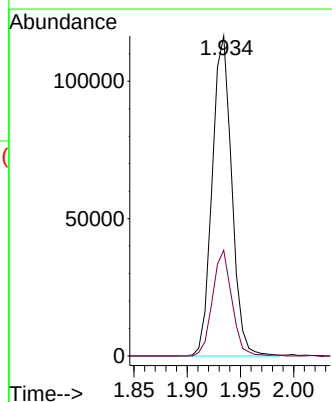
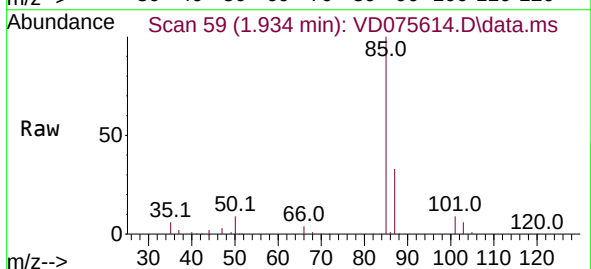
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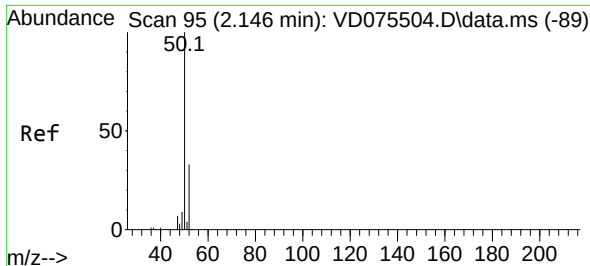
Tgt Ion:168 Resp: 228267
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 92.085 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 85 Resp: 148501
Ion Ratio Lower Upper
85 100
87 33.0 17.3 51.7

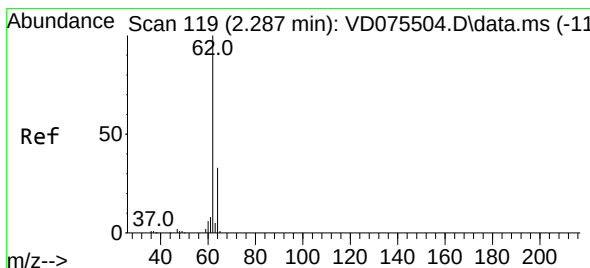
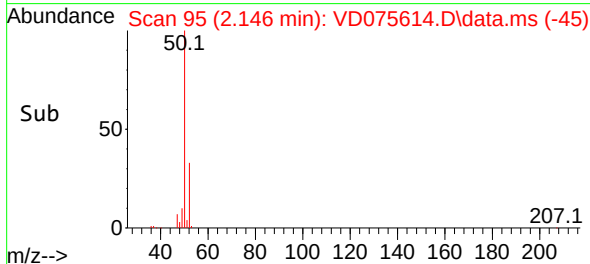
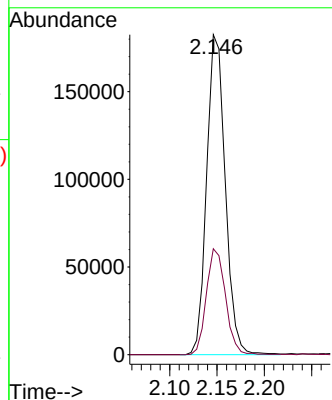
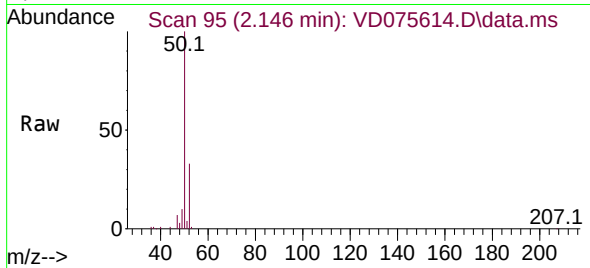




#3
Chloromethane
Concen: 88.946 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

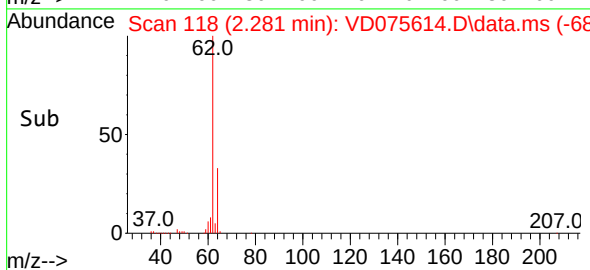
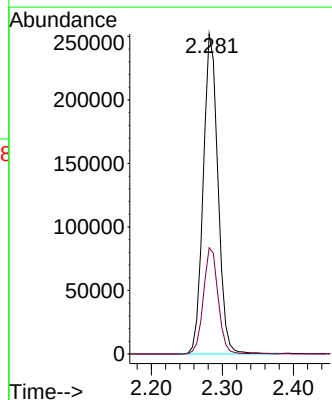
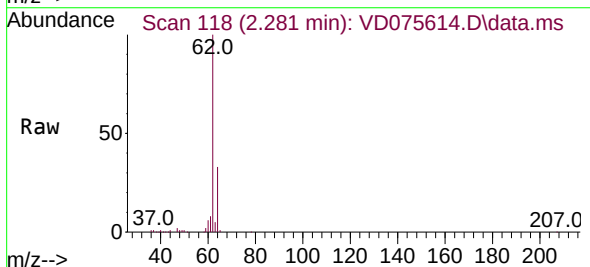
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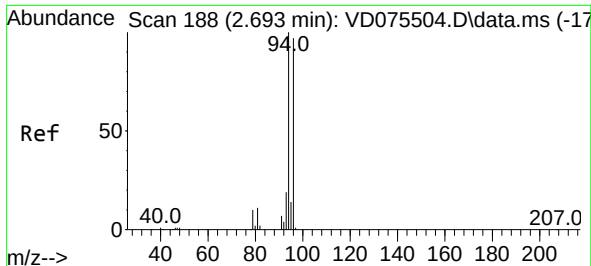
Tgt Ion: 50 Resp: 249438
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.8



#4
Vinyl Chloride
Concen: 92.810 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 62 Resp: 364377
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

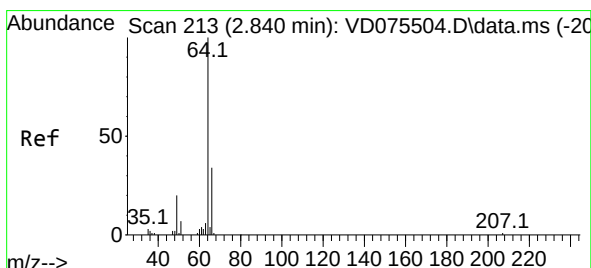
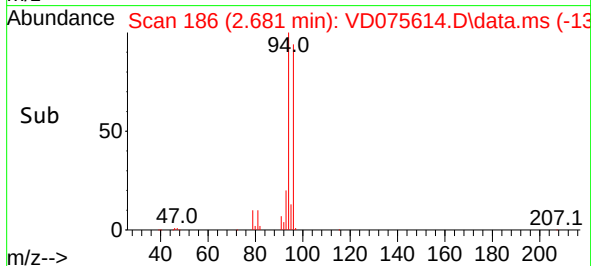
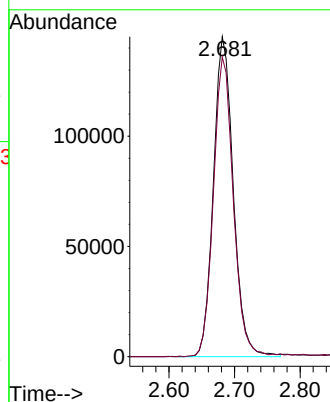
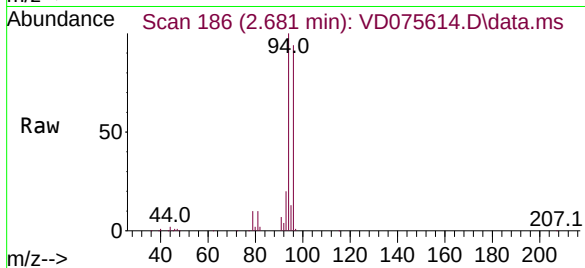




#5
Bromomethane
Concen: 97.561 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

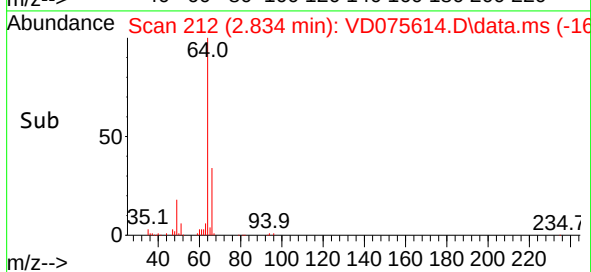
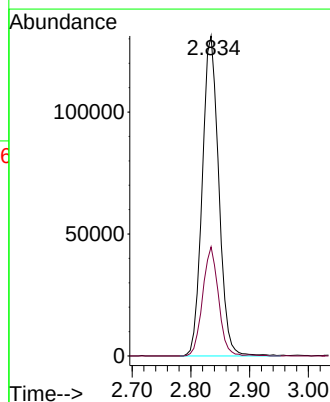
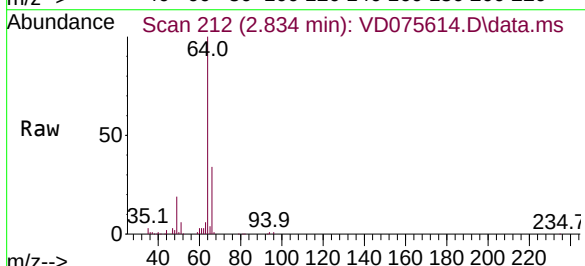
Instrument :
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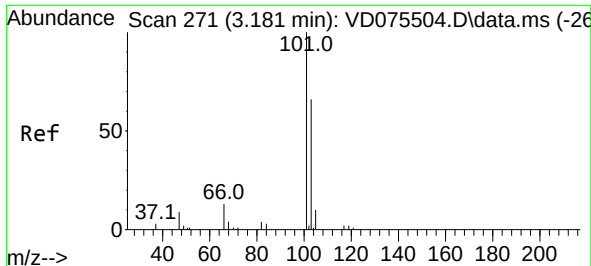
Tgt Ion: 94 Resp: 305011
Ion Ratio Lower Upper
94 100
96 94.0 77.5 116.3



#6
Chloroethane
Concen: 93.135 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 64 Resp: 256498
Ion Ratio Lower Upper
64 100
66 34.1 27.7 41.5

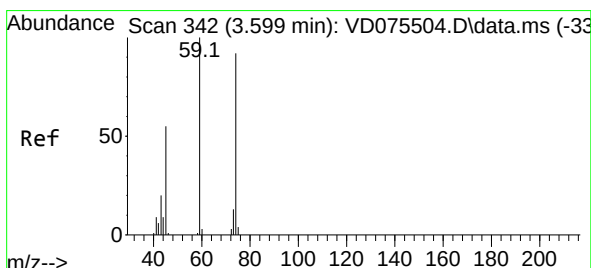
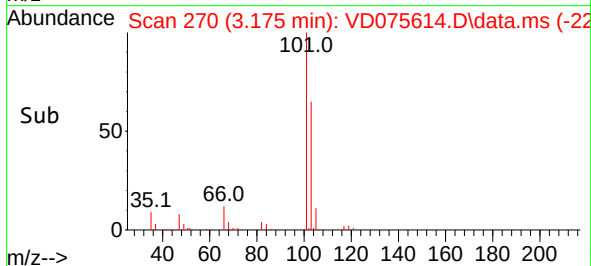
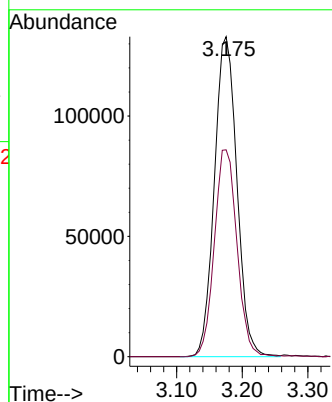
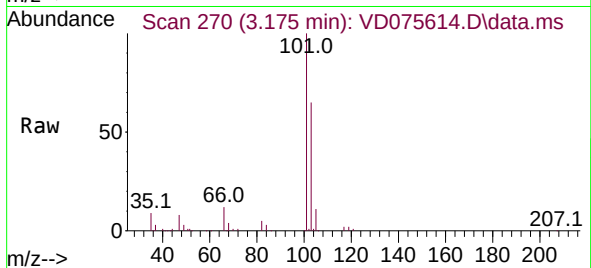




#7
Trichlorofluoromethane
Concen: 94.577 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

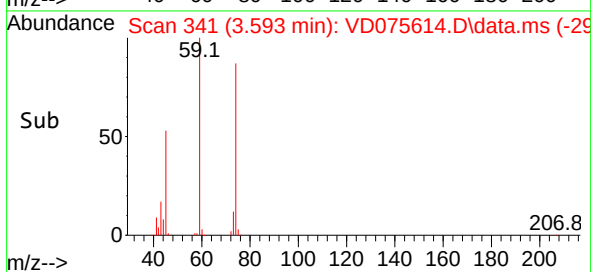
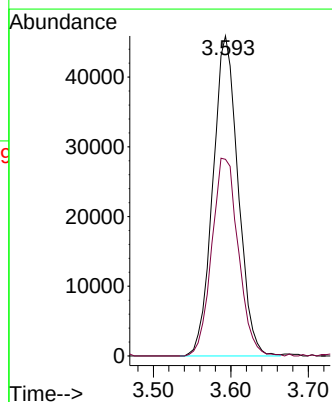
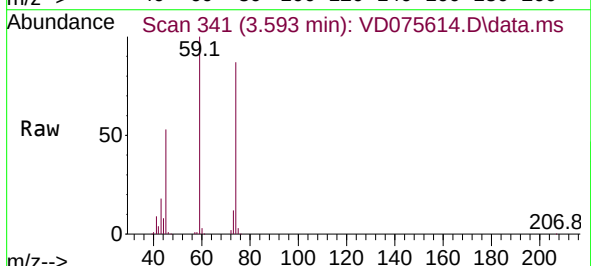
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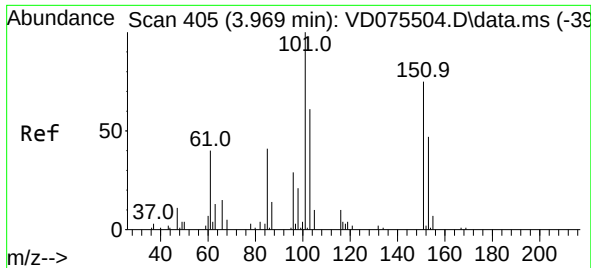
Tgt Ion:101 Resp: 316748
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9



#8
Diethyl Ether
Concen: 100.289 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 74 Resp: 103740
Ion Ratio Lower Upper
74 100
45 65.1 50.9 152.7

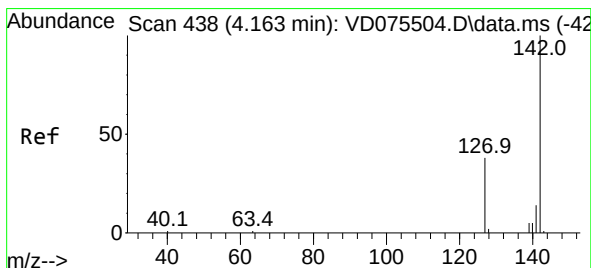
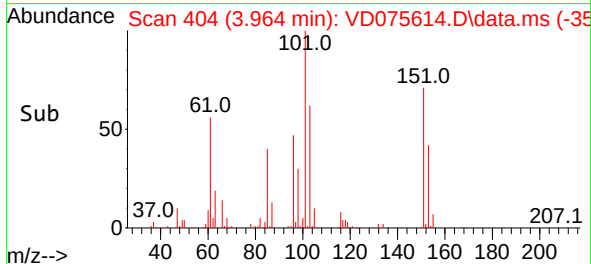
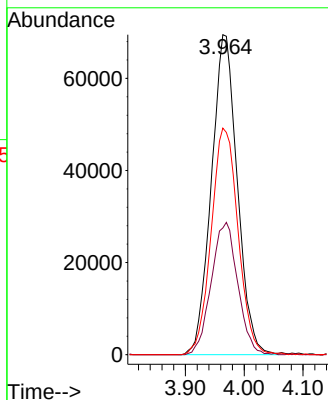
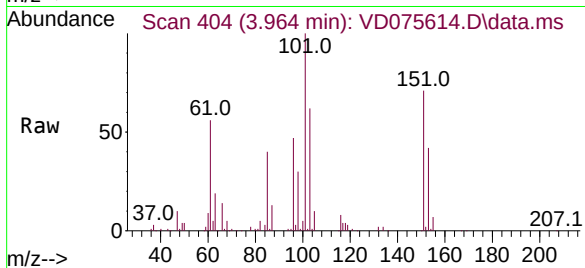




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.667 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075614.D
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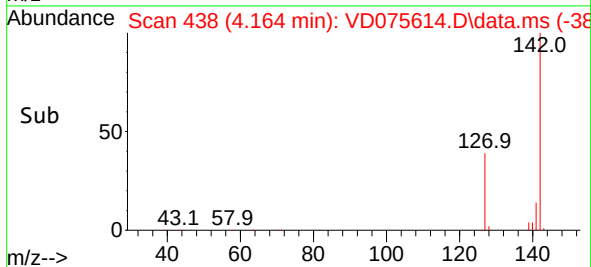
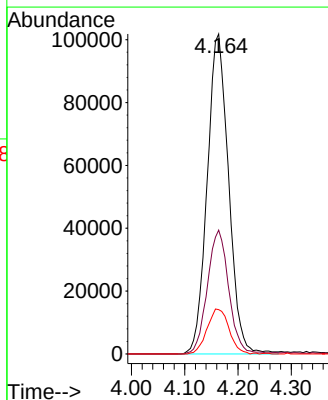
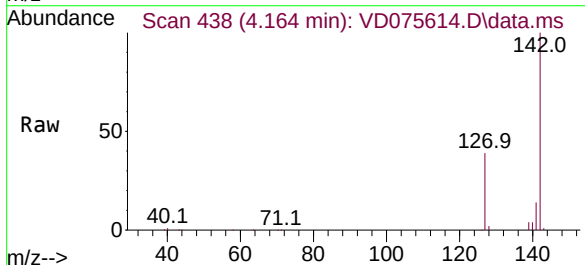
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

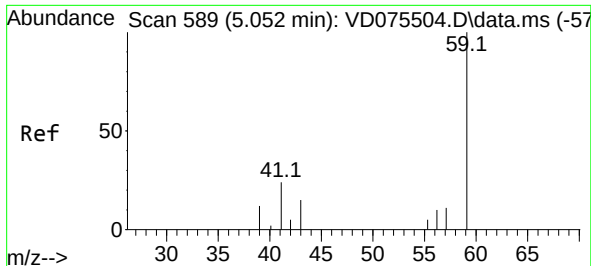
Tgt Ion:101 Resp: 213100
Ion Ratio Lower Upper
101 100
85 42.1 38.3 57.5
151 73.5 60.4 90.6



#10
Methyl Iodide
Concen: 107.845 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:142 Resp: 284264
Ion Ratio Lower Upper
142 100
127 38.7 37.1 55.7
141 14.4 11.3 16.9

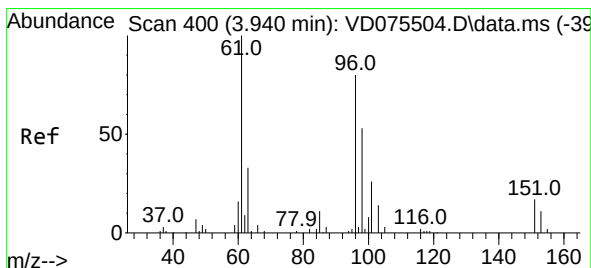
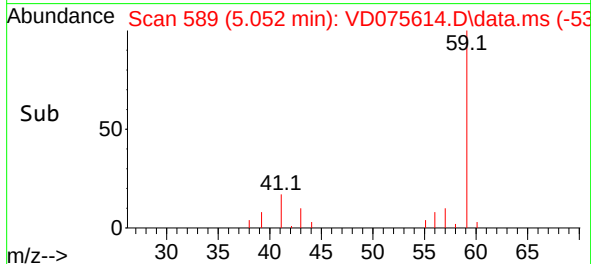
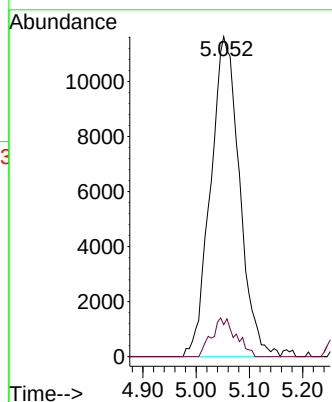
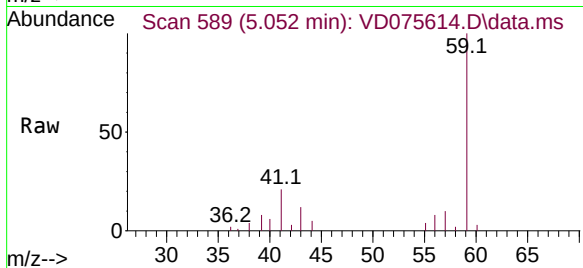




#11
Tert butyl alcohol
Concen: 496.364 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

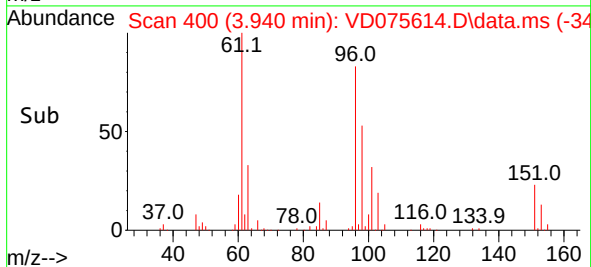
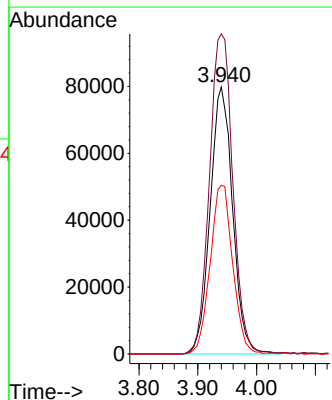
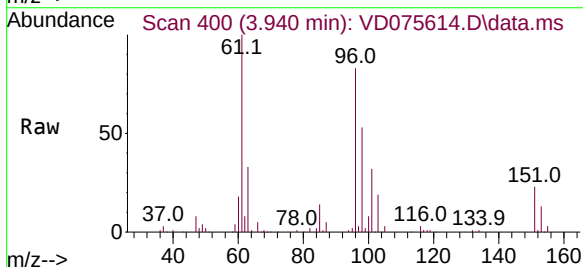
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

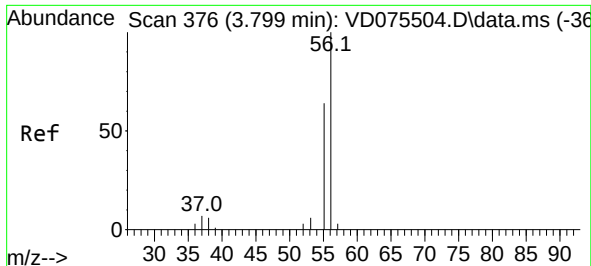
Tgt Ion: 59 Resp: 43943
Ion Ratio Lower Upper
59 100
57 10.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 100.105 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 96 Resp: 211818
Ion Ratio Lower Upper
96 100
61 119.8 118.6 177.8
98 63.2 49.7 74.5





#13

Acrolein

Concen: 516.005 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

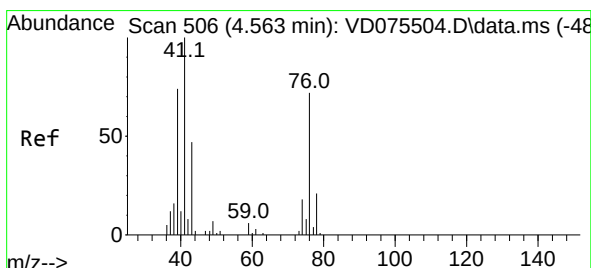
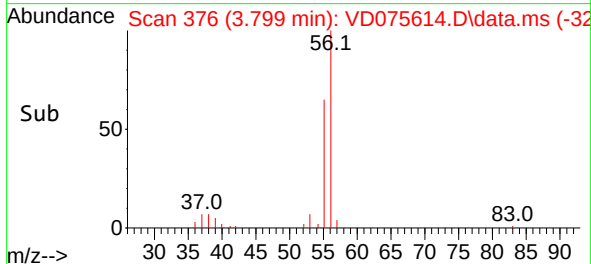
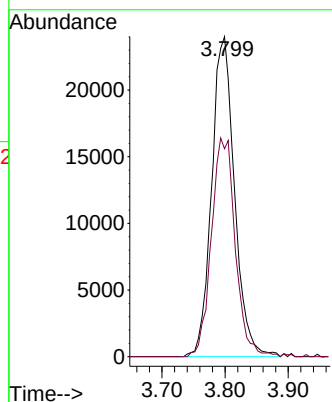
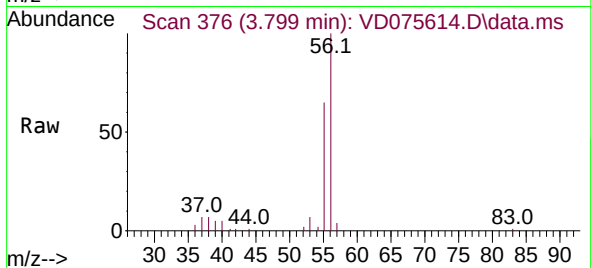
VSTDICC100

Tgt Ion: 56 Resp: 60403

Ion Ratio Lower Upper

56 100

55 71.2 53.9 80.9



#14

Allyl chloride

Concen: 100.802 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

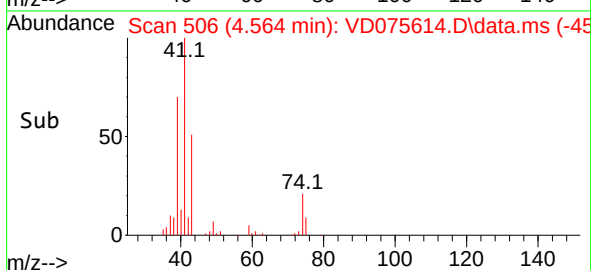
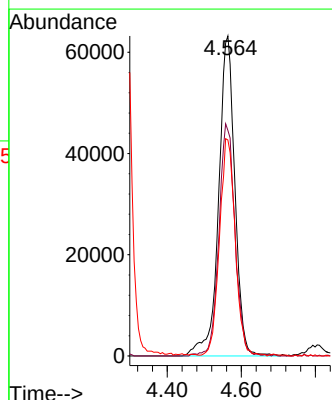
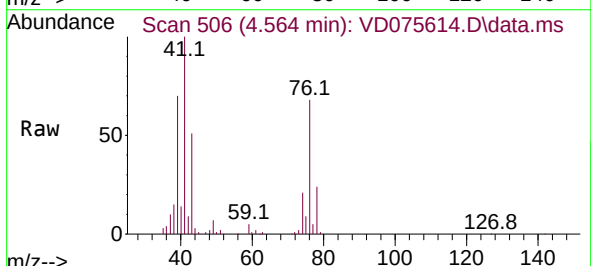
Tgt Ion: 41 Resp: 192496

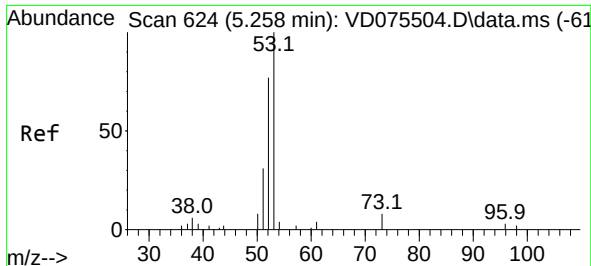
Ion Ratio Lower Upper

41 100

39 71.6 60.6 90.8

76 65.8 28.6 43.0#

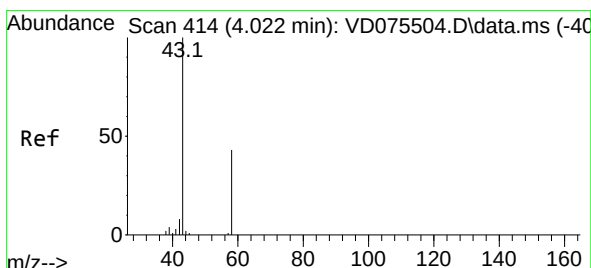
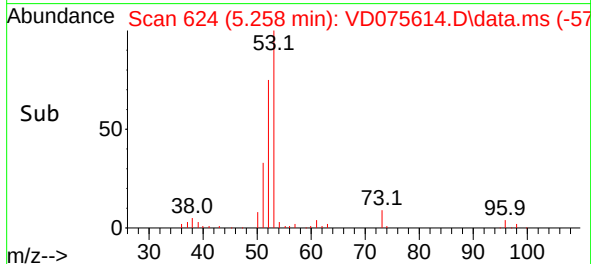
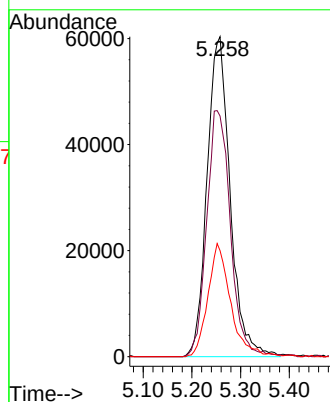
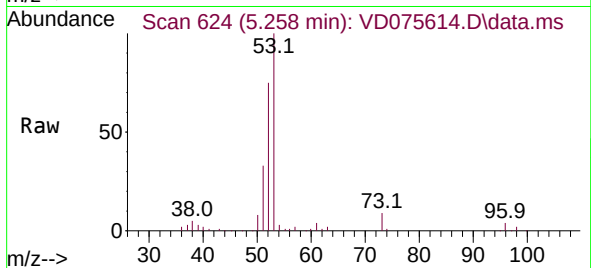




#15
Acrylonitrile
Concen: 501.146 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

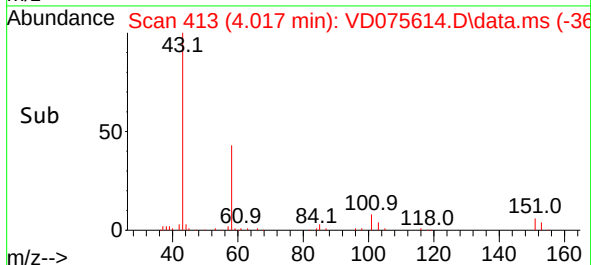
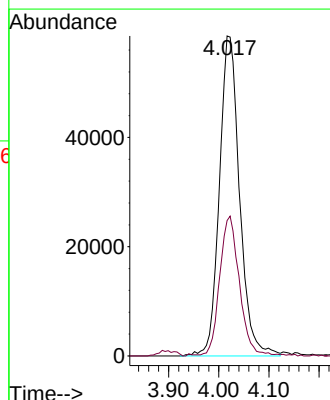
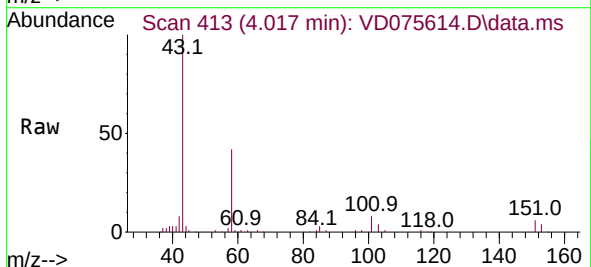
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

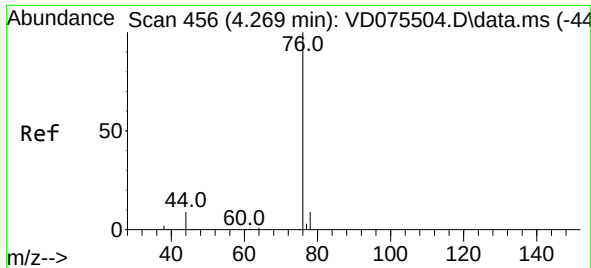
Tgt Ion: 53 Resp: 198651
Ion Ratio Lower Upper
53 100
52 79.1 66.2 99.4
51 34.4 30.7 46.1



#16
Acetone
Concen: 480.493 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 43 Resp: 163947
Ion Ratio Lower Upper
43 100
58 41.9 24.4 36.6#

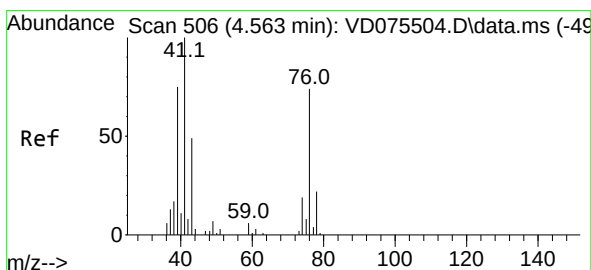
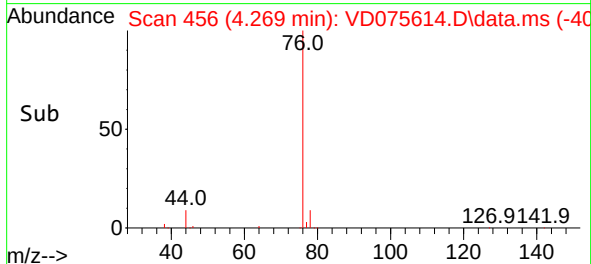
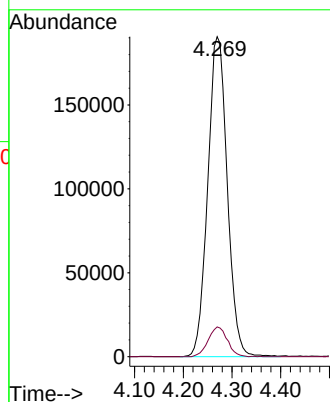
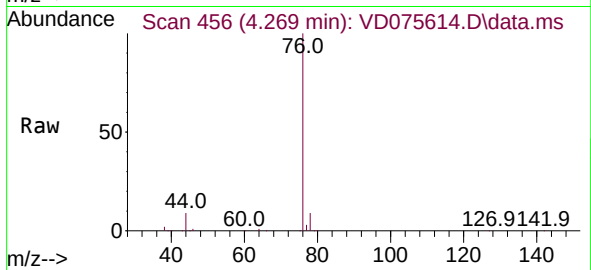




#17
Carbon Disulfide
Concen: 96.729 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

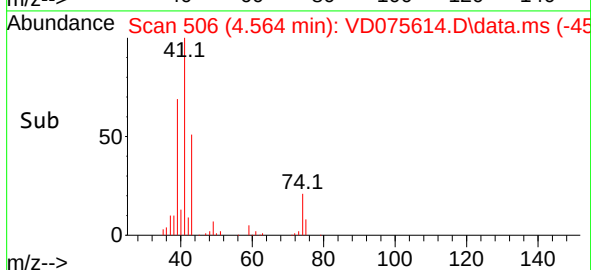
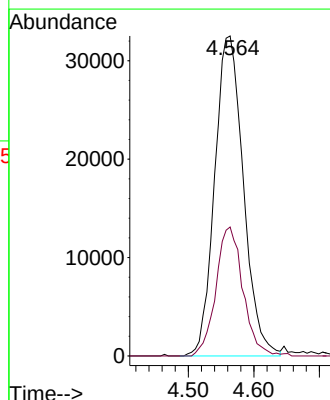
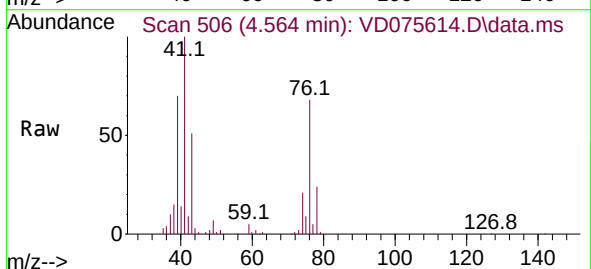
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

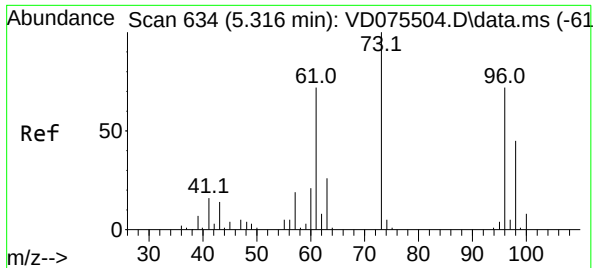
Tgt Ion: 76 Resp: 529746
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0



#18
Methyl Acetate
Concen: 95.976 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 43 Resp: 98833
Ion Ratio Lower Upper
43 100
74 38.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 103.092 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

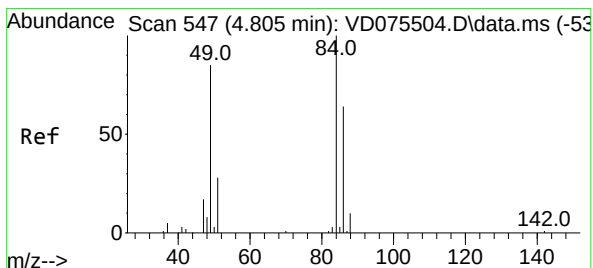
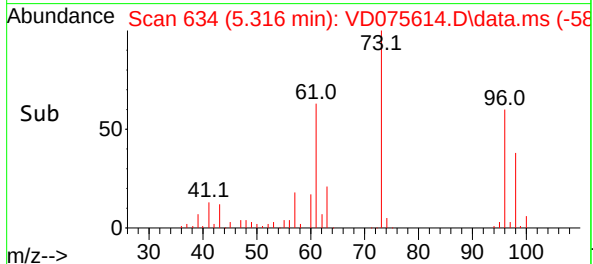
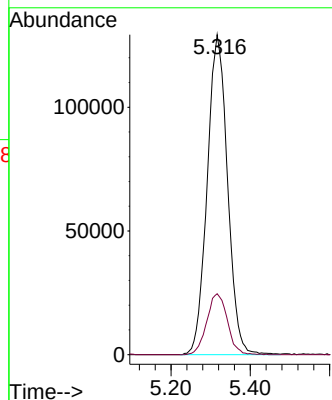
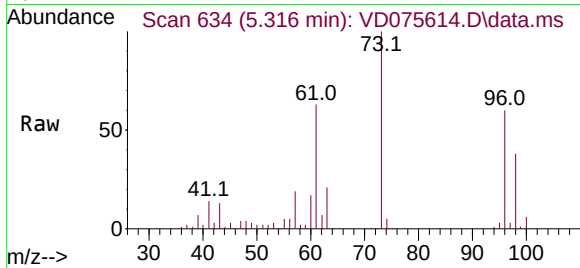
VSTDIC100

Tgt Ion: 73 Resp: 461031

Ion Ratio Lower Upper

73 100

57 19.0 17.2 25.8



#20

Methylene Chloride

Concen: 103.994 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Tgt Ion: 84 Resp: 270728

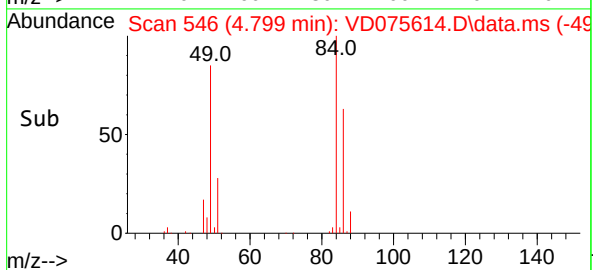
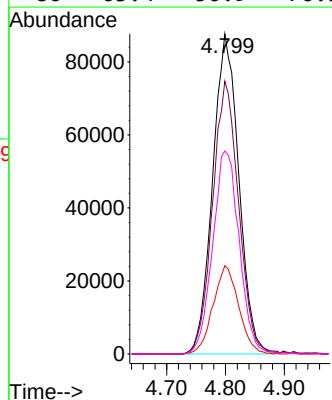
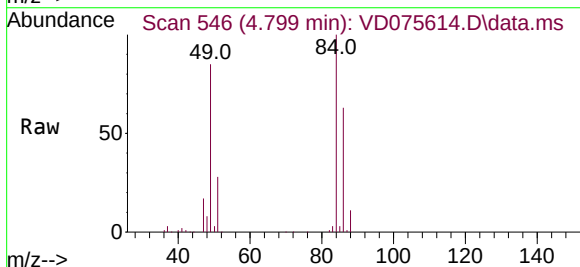
Ion Ratio Lower Upper

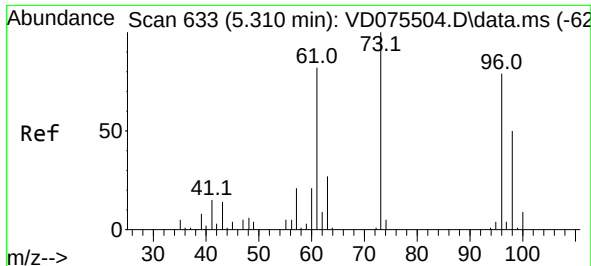
84 100

49 85.3 106.4 159.6#

51 27.6 32.4 48.6#

86 63.4 50.9 76.3

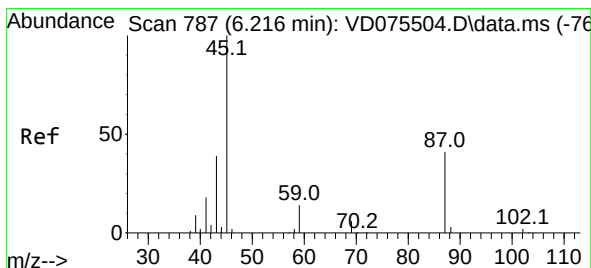
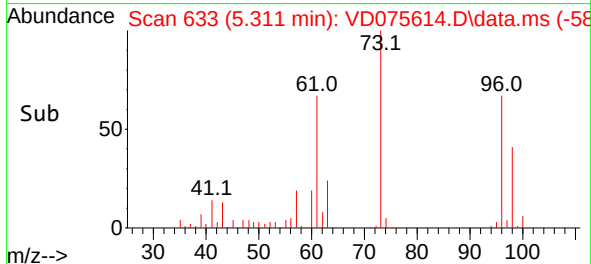
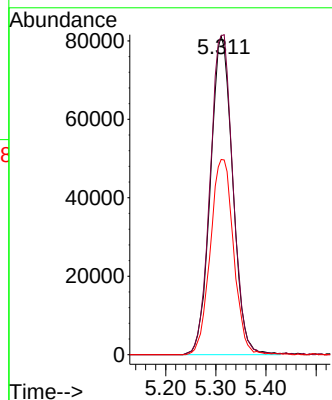
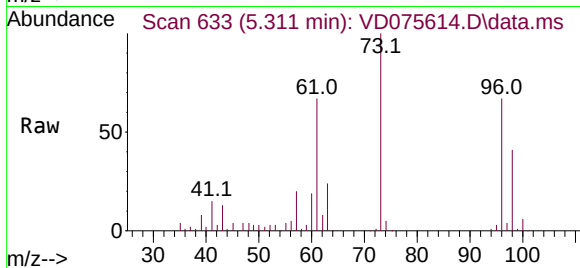




#21
trans-1,2-Dichloroethene
Concen: 100.289 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

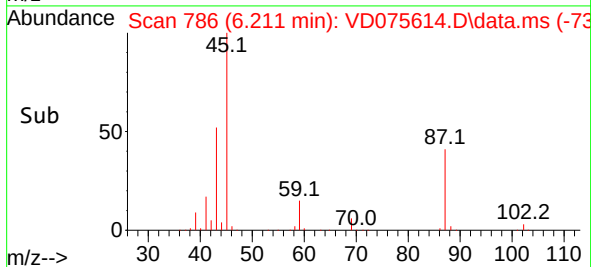
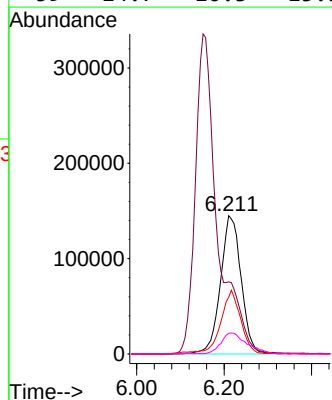
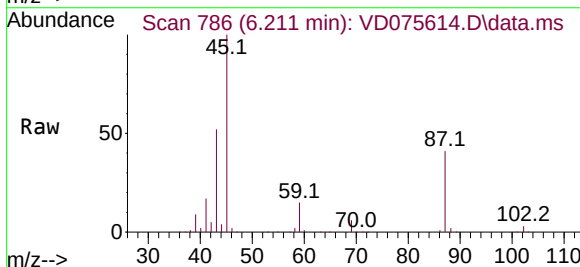
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

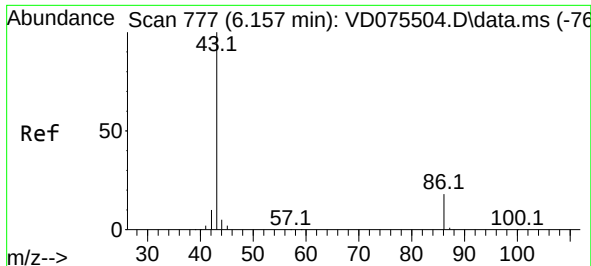
Tgt Ion: 96 Resp: 250484
Ion Ratio Lower Upper
96 100
61 100.1 117.2 175.8#
98 61.3 50.6 76.0



#22
Diisopropyl ether
Concen: 101.113 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 45 Resp: 473662
Ion Ratio Lower Upper
45 100
43 51.3 44.4 66.6
87 40.9 20.9 31.3#
59 14.7 10.3 15.5

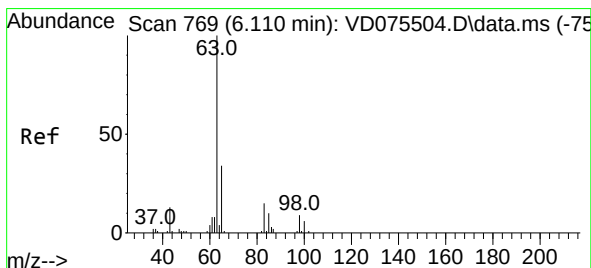
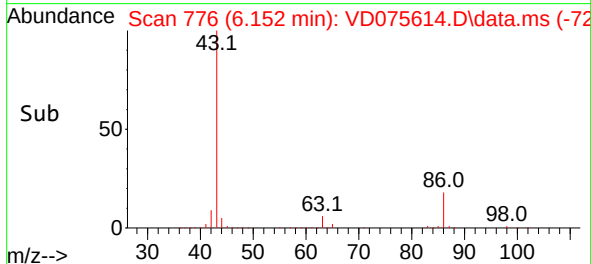
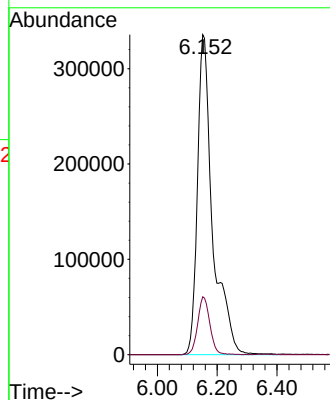
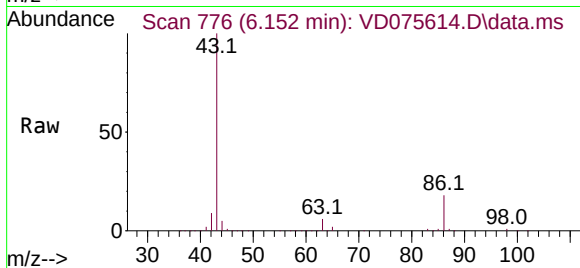




#23
 Vinyl Acetate
 Concen: 538.050 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD075614.D
 Acq: 10 Apr 2023 18:52

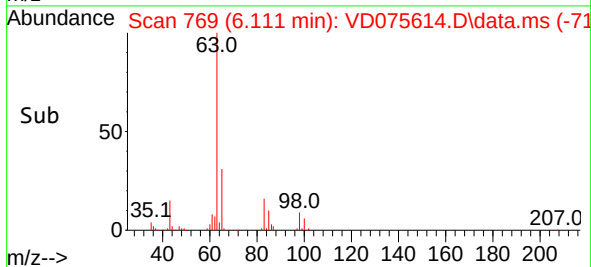
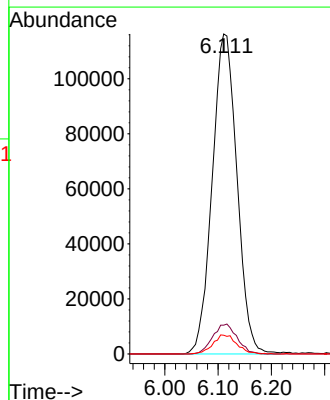
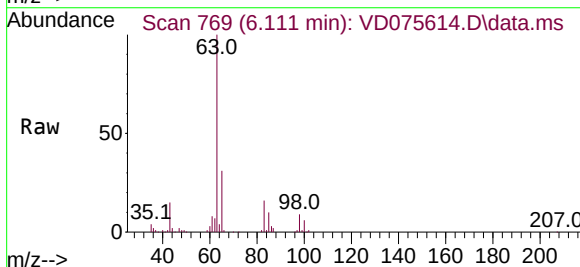
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

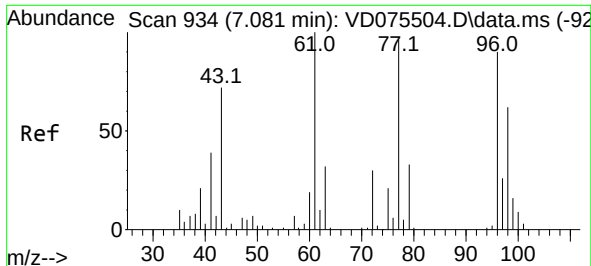
Tgt Ion: 43 Resp: 1182978
 Ion Ratio Lower Upper
 43 100
 86 18.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 96.942 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075614.D
 Acq: 10 Apr 2023 18:52

Tgt Ion: 63 Resp: 375011
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.9 2.0 6.0

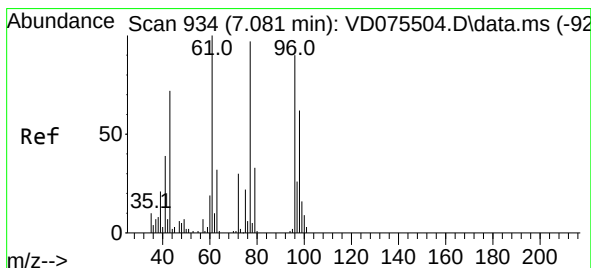
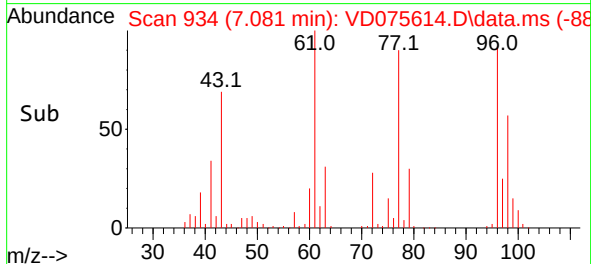
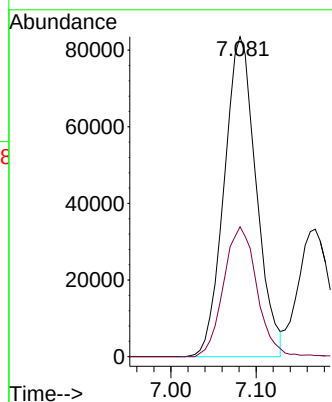
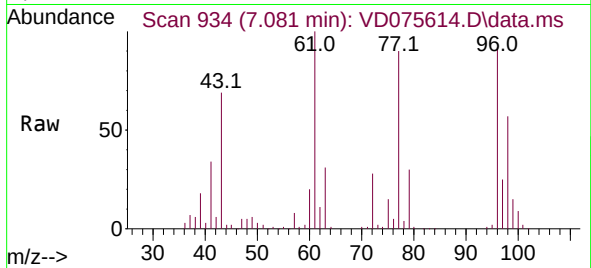




#25
2-Butanone
Concen: 492.627 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

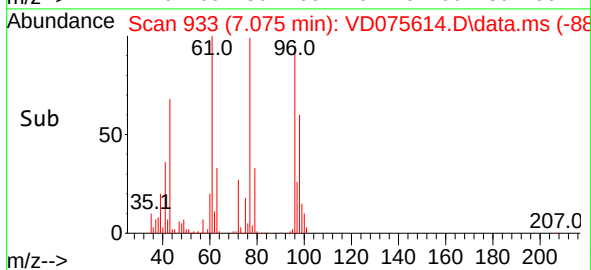
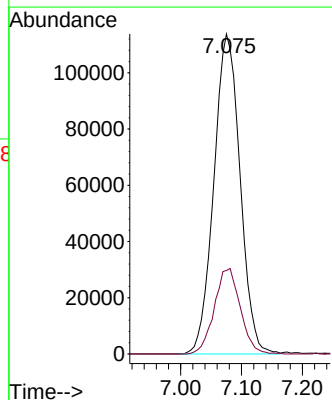
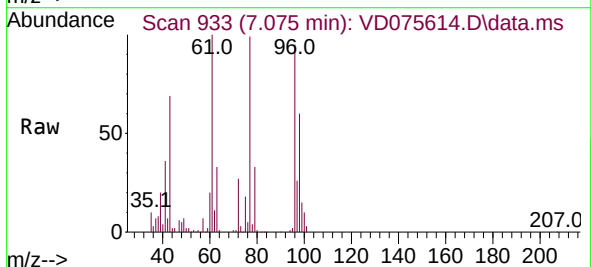
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

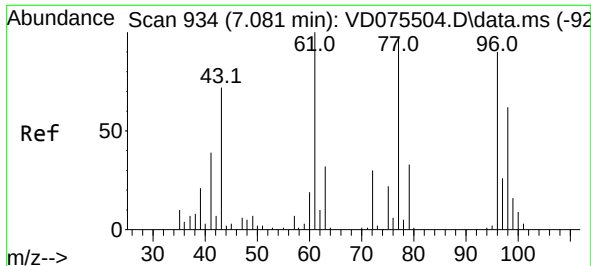
Tgt Ion: 43 Resp: 218139
Ion Ratio Lower Upper
43 100
72 40.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 95.842 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 77 Resp: 340117
Ion Ratio Lower Upper
77 100
97 26.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 102.402 ug/l

RT: 7.081 min Scan# 911

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

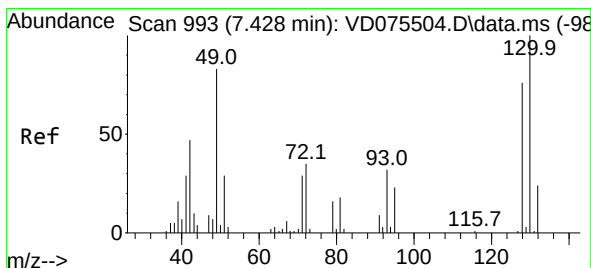
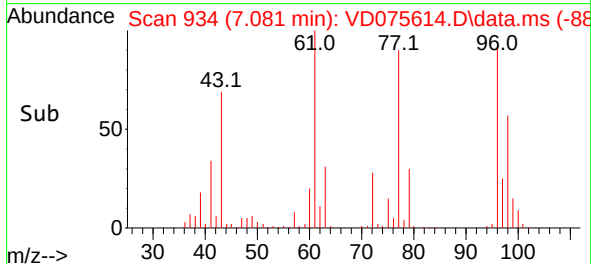
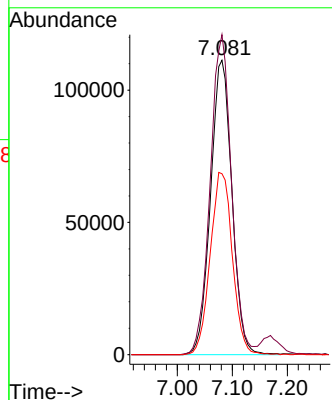
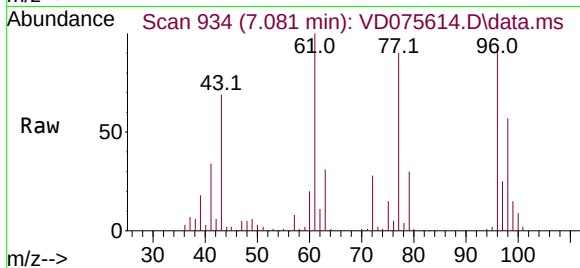
Tgt Ion: 96 Resp: 301139

Ion Ratio Lower Upper

96 100

61 108.3 0.0 295.2

98 64.0 0.0 129.2



#28

Bromochloromethane

Concen: 96.295 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

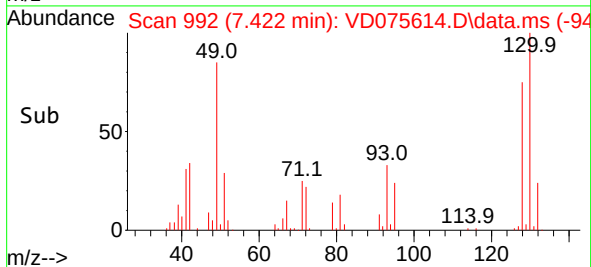
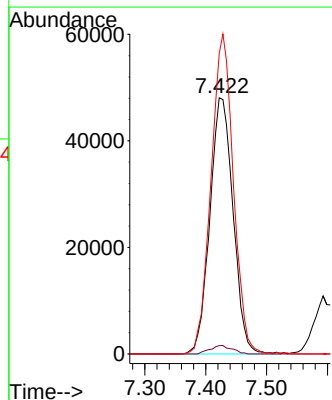
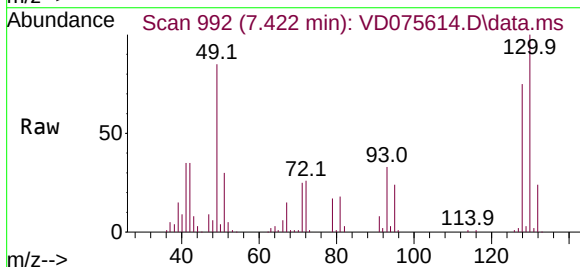
Tgt Ion: 49 Resp: 127278

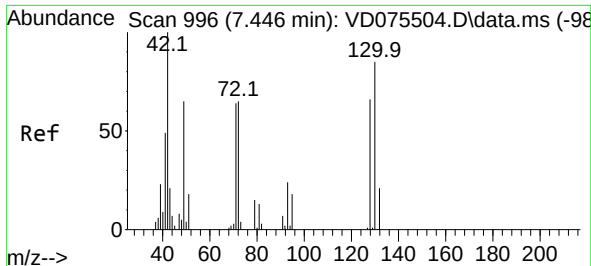
Ion Ratio Lower Upper

49 100

129 3.1 0.0 2.2#

130 120.3 56.0 84.0#





#29

Tetrahydrofuran

Concen: 526.220 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

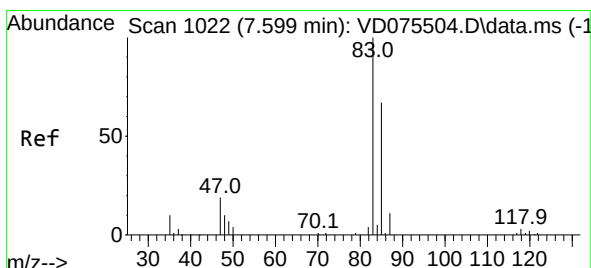
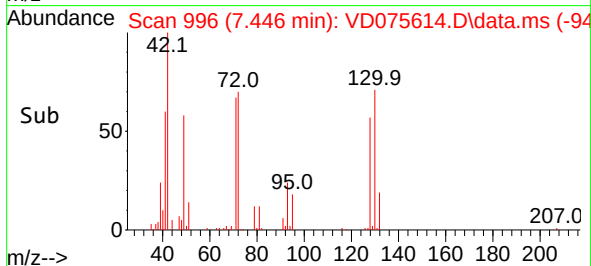
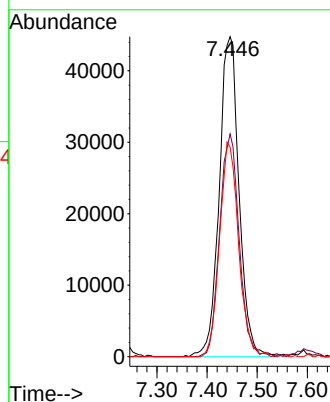
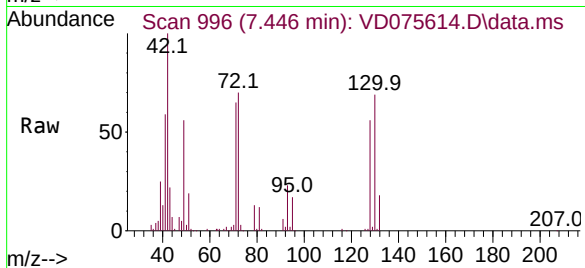
Tgt Ion: 42 Resp: 123394

Ion Ratio Lower Upper

42 100

72 68.0 31.8 47.6#

71 64.2 27.6 41.4#



#30

Chloroform

Concen: 97.418 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075614.D

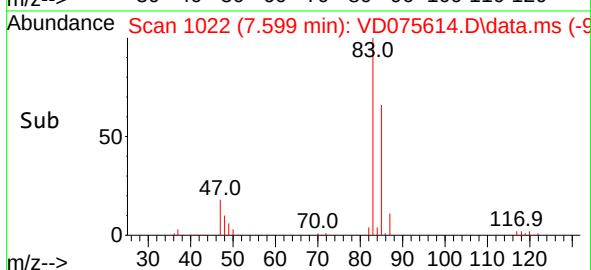
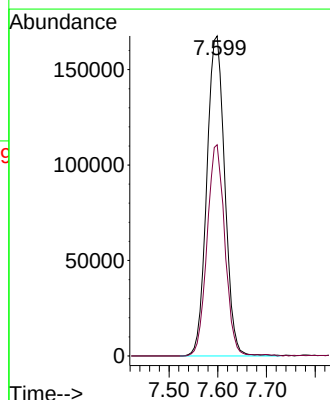
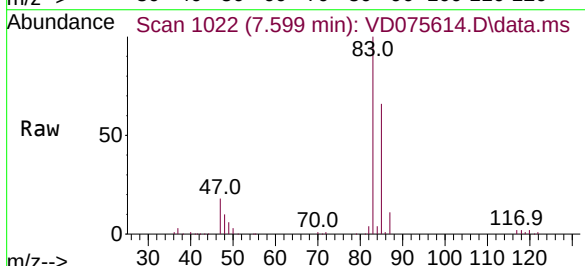
Acq: 10 Apr 2023 18:52

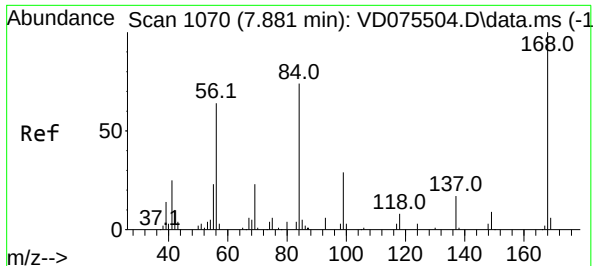
Tgt Ion: 83 Resp: 428718

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2

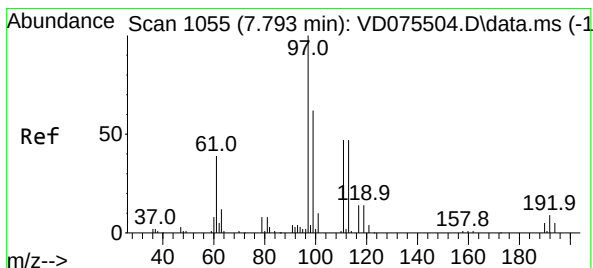
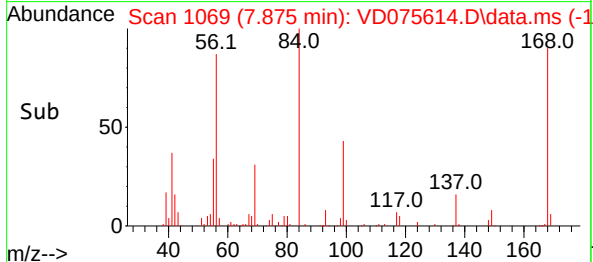
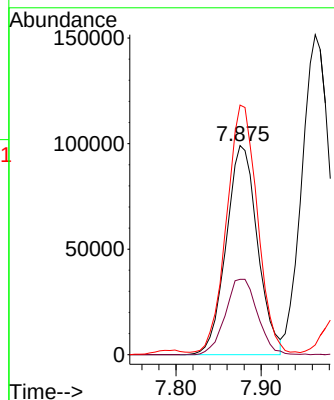
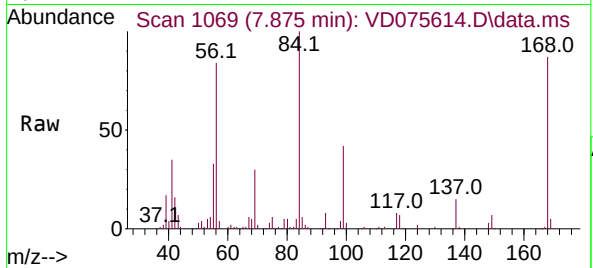




#31
Cyclohexane
Concen: 92.963 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

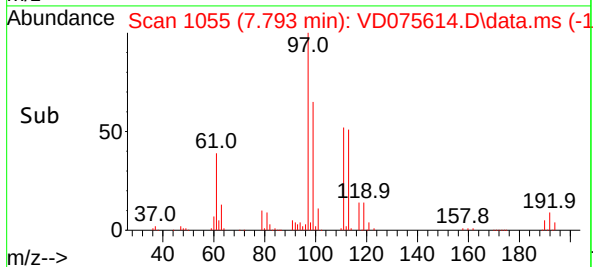
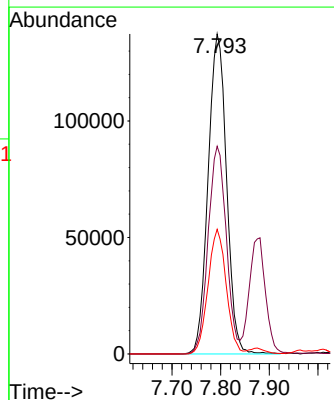
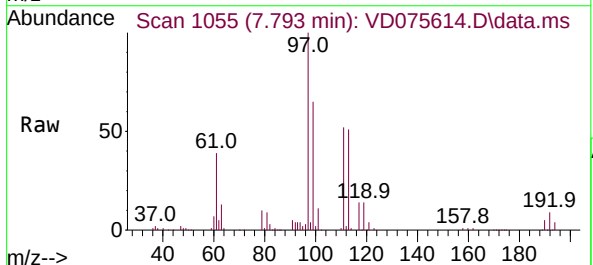
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

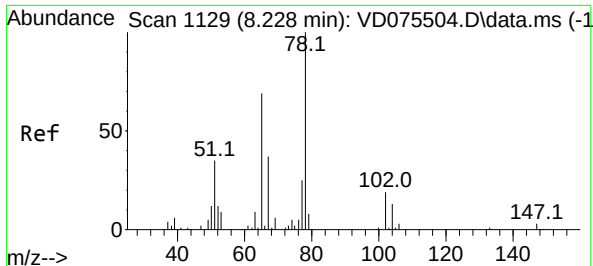
Tgt Ion: 56 Resp: 253266
Ion Ratio Lower Upper
56 100
69 36.0 25.5 38.3
84 117.9 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 98.509 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 97 Resp: 360781
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 38.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 96.926 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

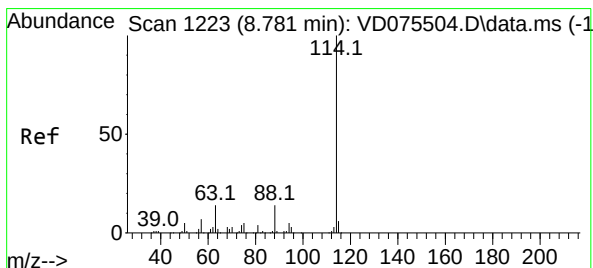
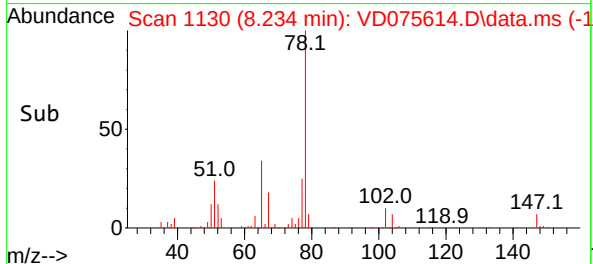
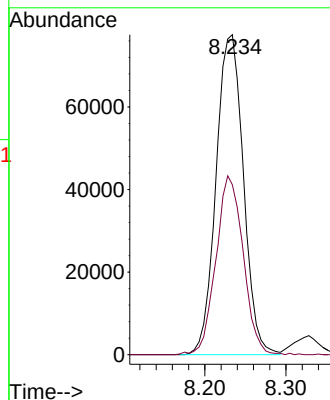
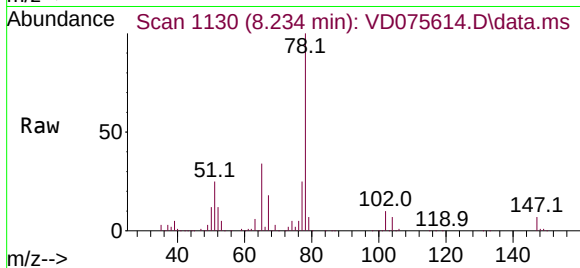
VSTDIC100

Tgt Ion: 65 Resp: 181503

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

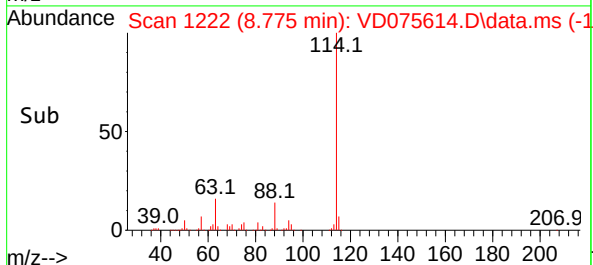
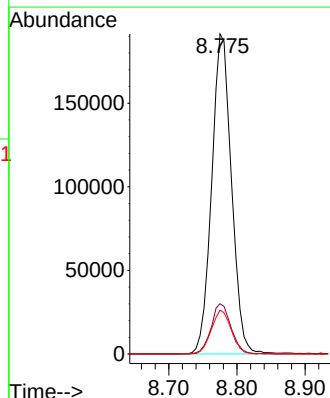
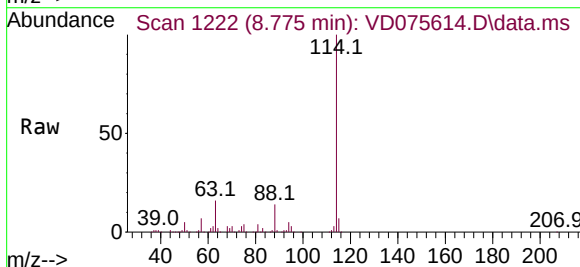
Tgt Ion: 114 Resp: 386265

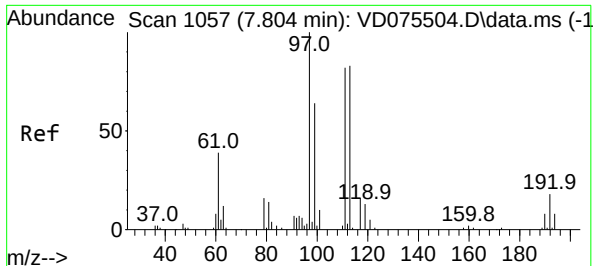
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 103.711 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

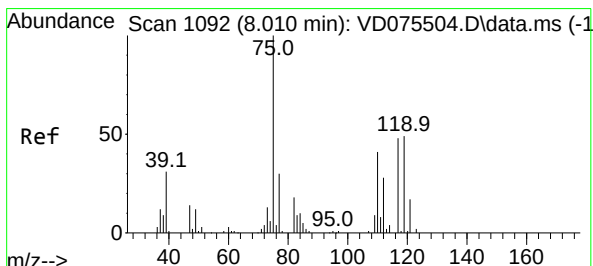
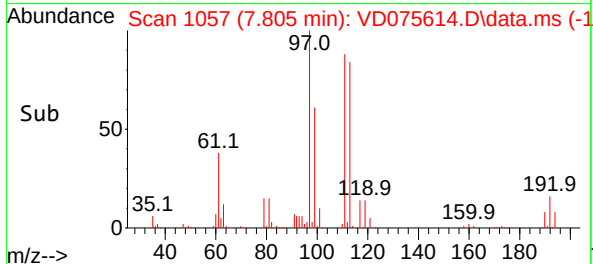
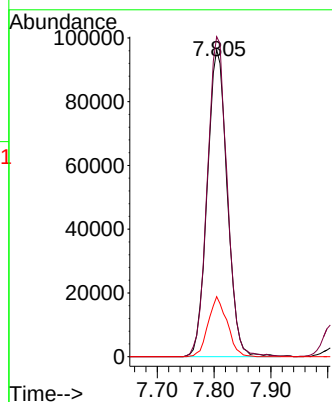
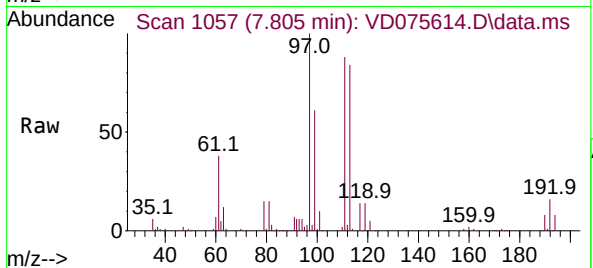
Tgt Ion:113 Resp: 234774

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.6 15.2 22.8



#36

1,1-Dichloropropene

Concen: 104.782 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

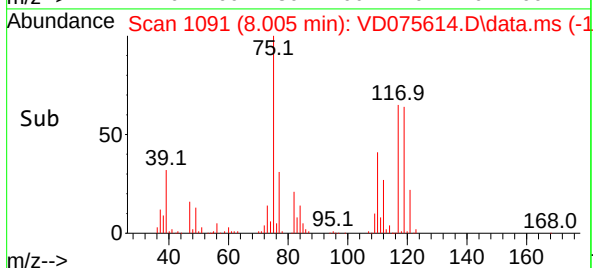
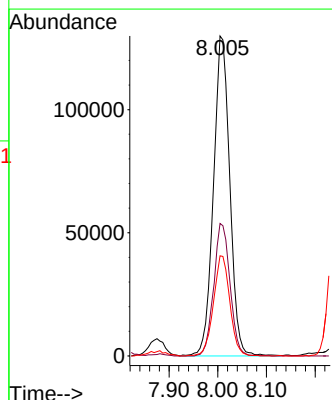
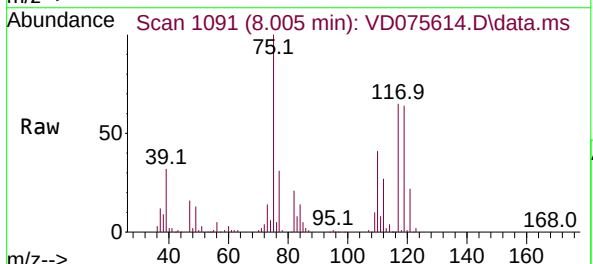
Tgt Ion: 75 Resp: 302935

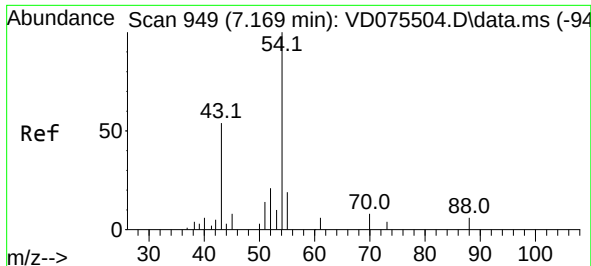
Ion Ratio Lower Upper

75 100

110 41.2 17.1 51.2

77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 102.958 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

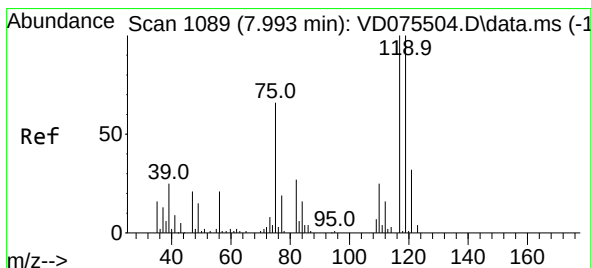
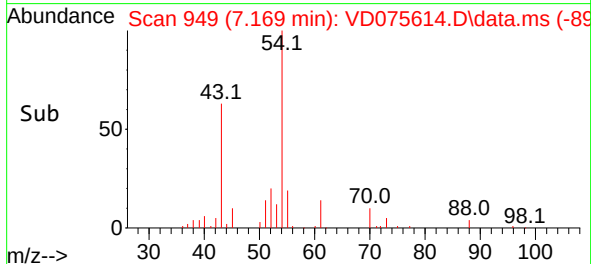
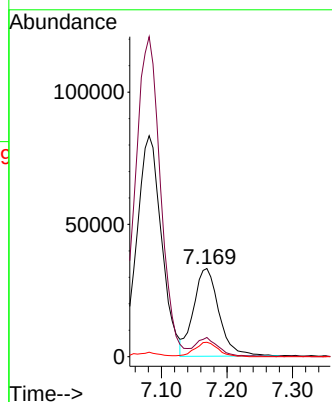
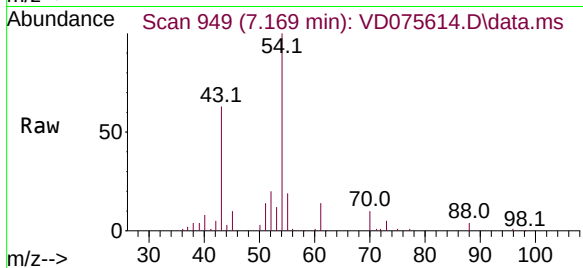
Tgt Ion: 43 Resp: 89492

Ion Ratio Lower Upper

43 100

61 20.2 0.0 0.0#

70 15.2 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 103.829 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

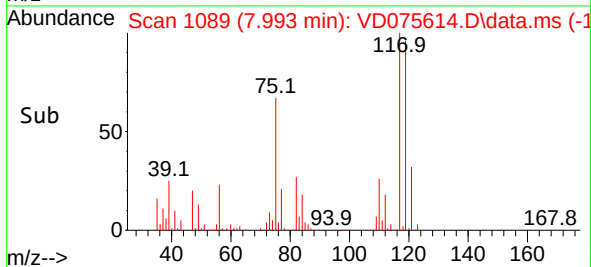
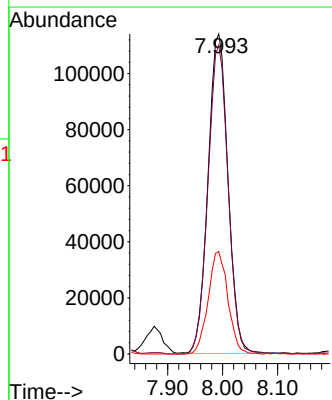
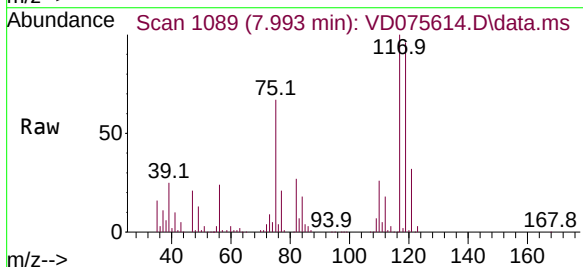
Tgt Ion: 117 Resp: 287865

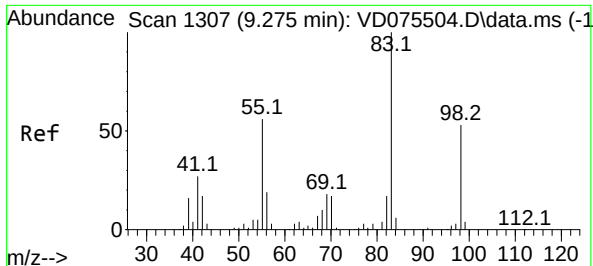
Ion Ratio Lower Upper

117 100

119 96.7 74.7 112.1

121 32.1 25.9 38.9

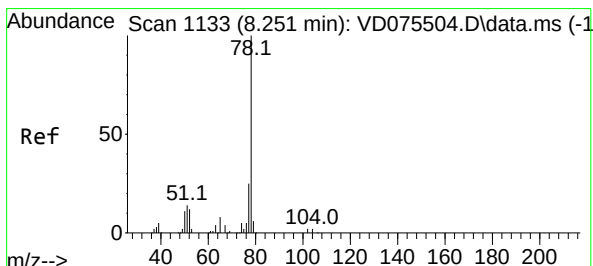
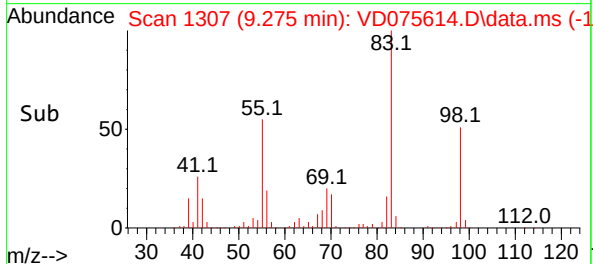
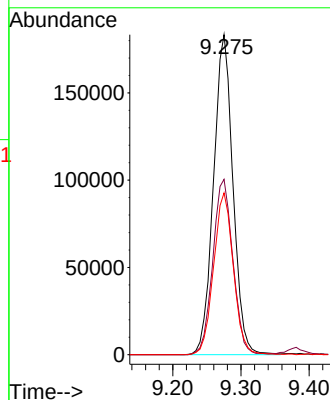
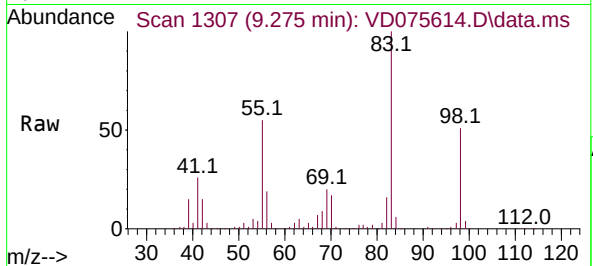




#39
Methylcyclohexane
Concen: 105.827 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

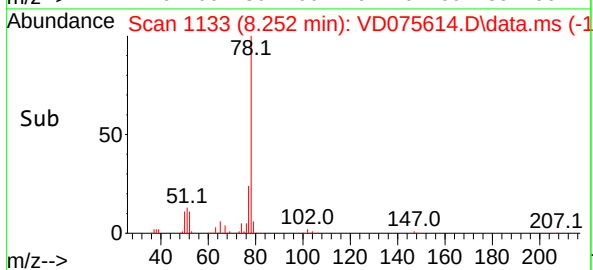
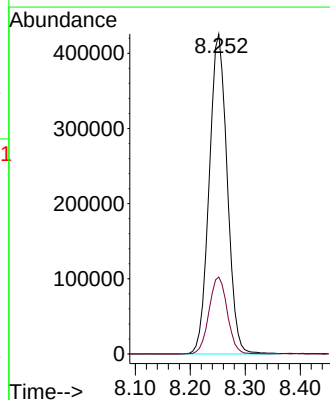
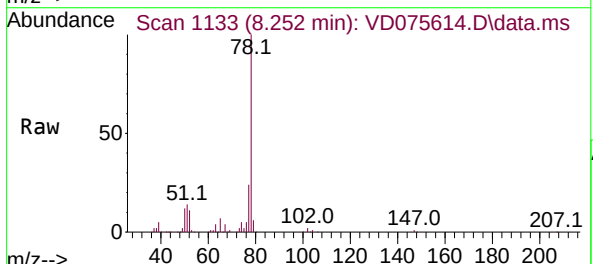
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

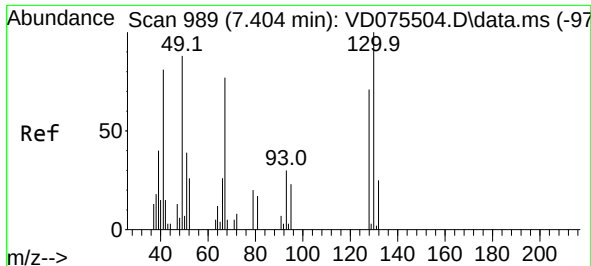
Tgt Ion: 83 Resp: 364318
Ion Ratio Lower Upper
83 100
55 54.8 56.8 85.2#
98 50.6 38.9 58.3



#40
Benzene
Concen: 103.880 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 78 Resp: 967723
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

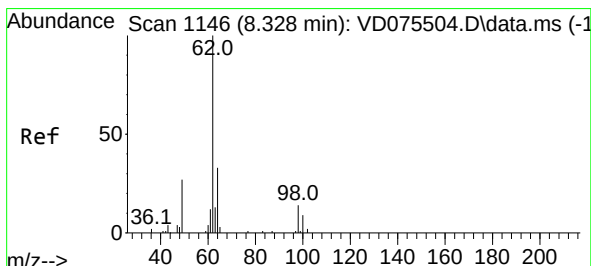
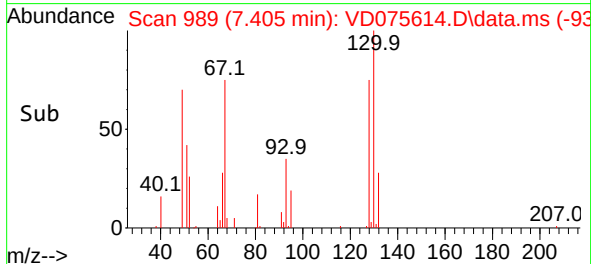
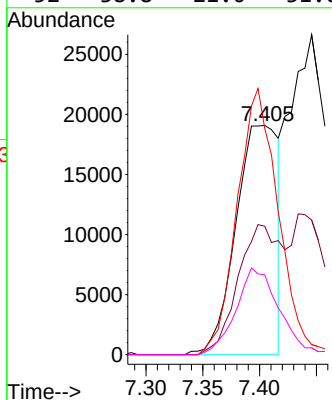
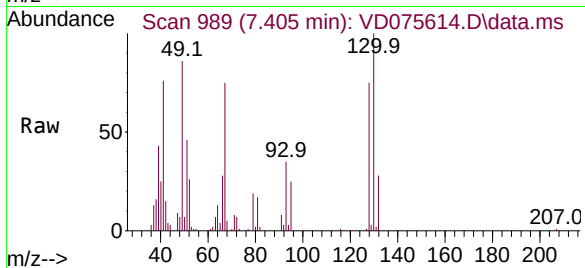




#41
Methacrylonitrile
Concen: 103.640 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

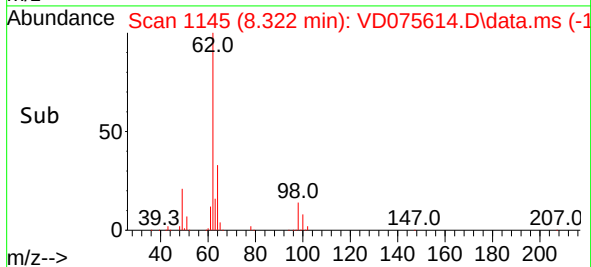
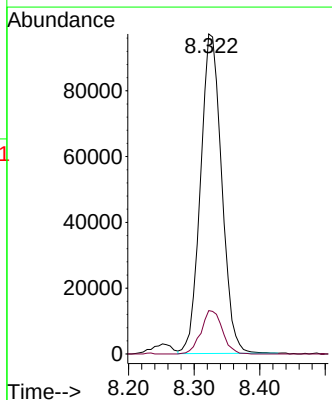
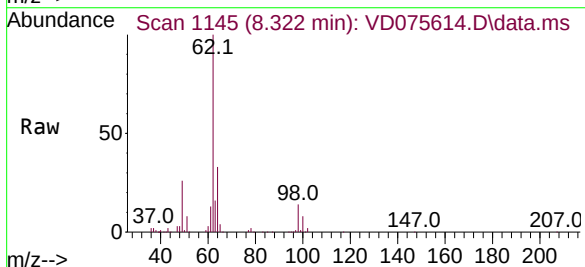
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

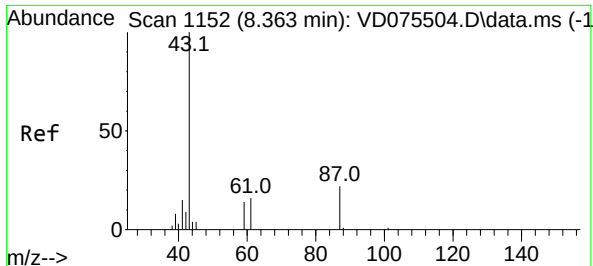
Tgt Ion: 41 Resp: 49334
Ion Ratio Lower Upper
41 100
39 58.6 45.3 67.9
67 113.0 50.5 75.7#
52 38.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 100.919 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 62 Resp: 218441
Ion Ratio Lower Upper
62 100
98 13.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 105.414 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

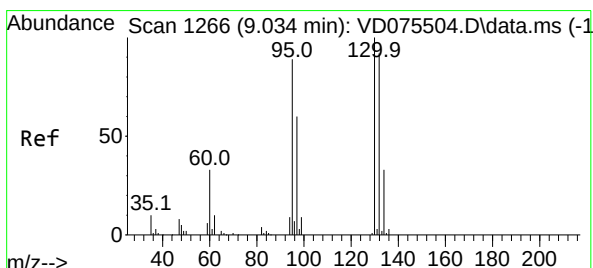
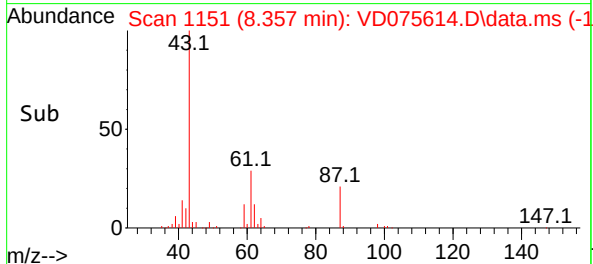
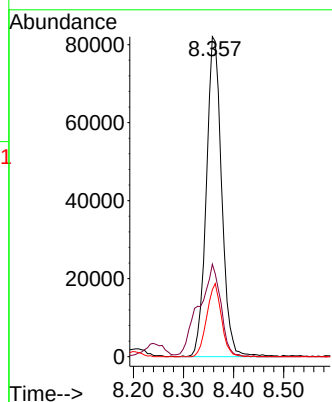
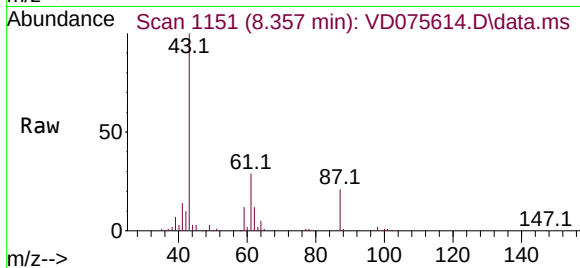
Tgt Ion: 43 Resp: 174913

Ion Ratio Lower Upper

43 100

61 41.3 23.4 35.0#

87 21.8 9.5 14.3#



#44

Trichloroethene

Concen: 100.541 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075614.D

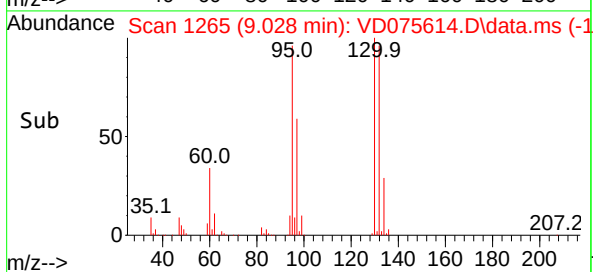
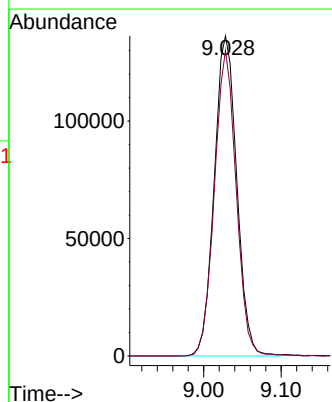
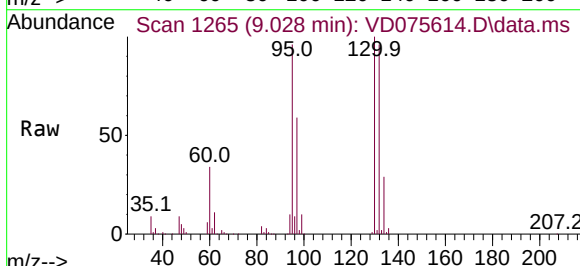
Acq: 10 Apr 2023 18:52

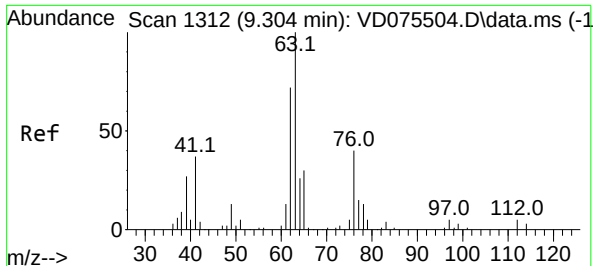
Tgt Ion:130 Resp: 274343

Ion Ratio Lower Upper

130 100

95 95.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 100.457 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

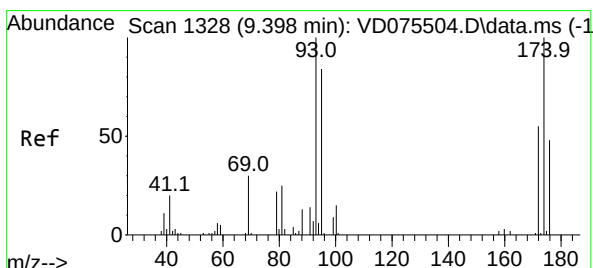
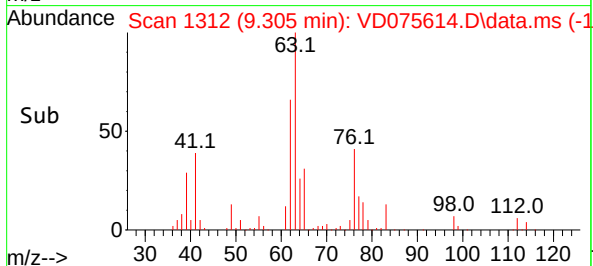
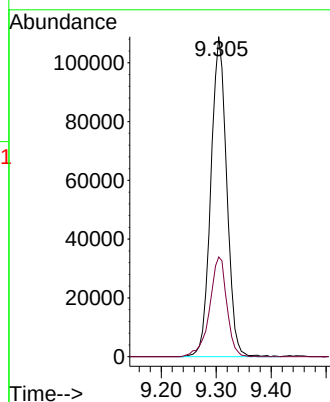
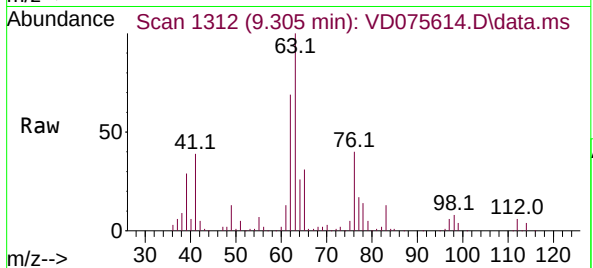
VSTDIC100

Tgt Ion: 63 Resp: 218312

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.4



#46

Dibromomethane

Concen: 101.079 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

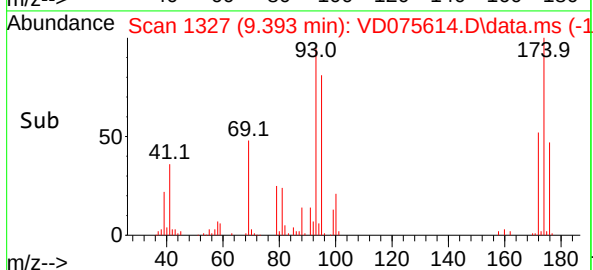
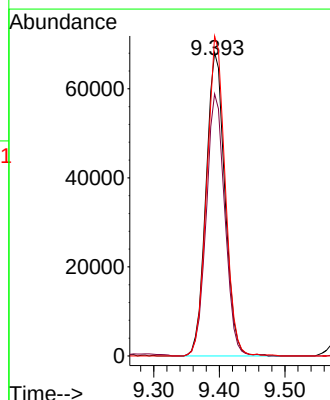
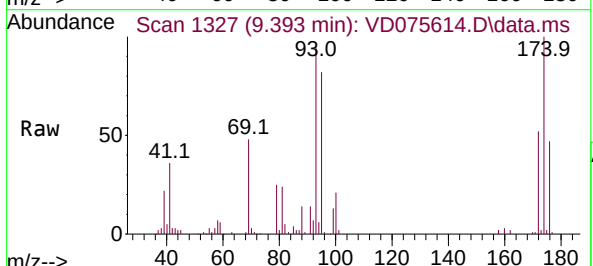
Tgt Ion: 93 Resp: 136386

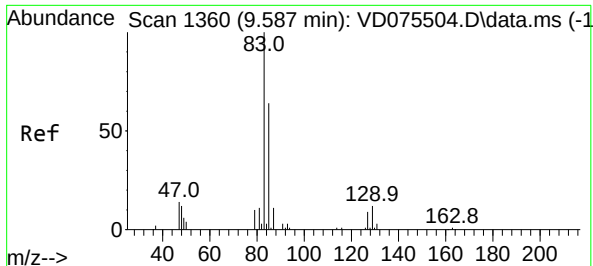
Ion Ratio Lower Upper

93 100

95 85.0 64.5 96.7

174 102.4 76.2 114.4

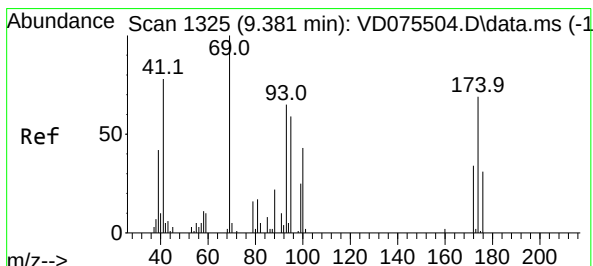
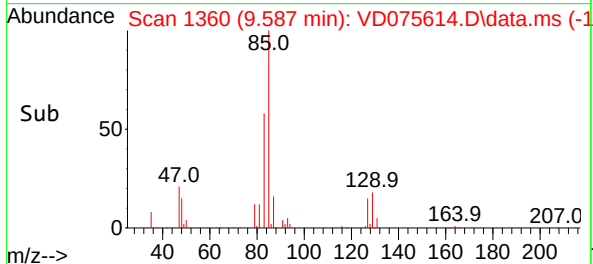
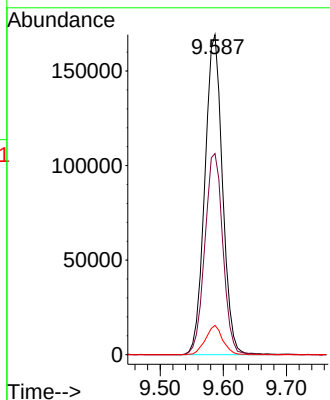
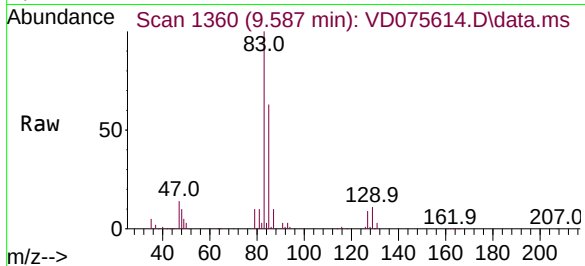




#47
Bromodichloromethane
Concen: 100.653 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

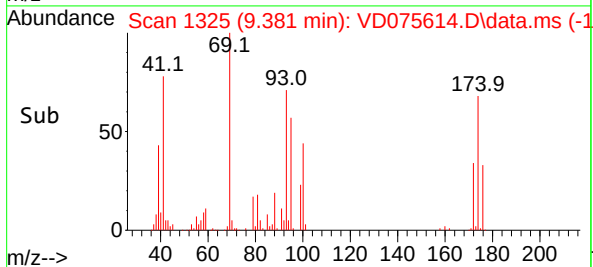
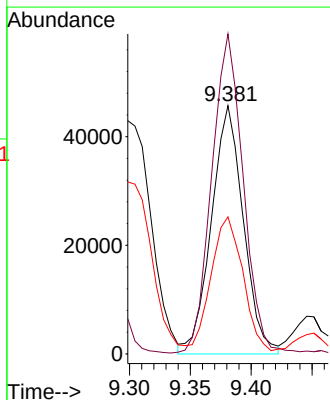
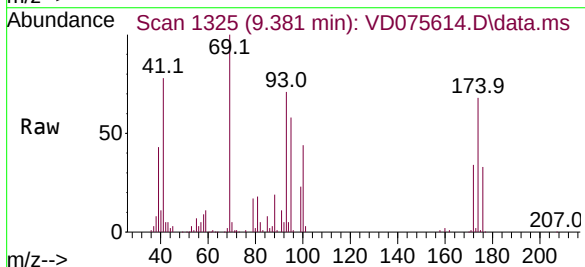
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

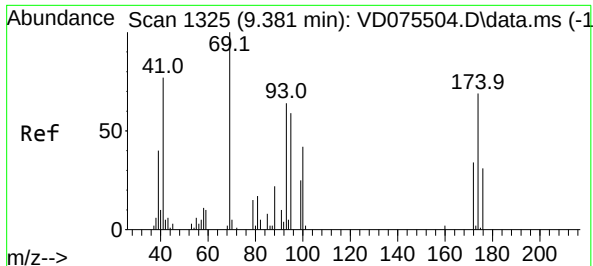
Tgt Ion: 83 Resp: 328431
Ion Ratio Lower Upper
83 100
85 62.8 53.7 80.5
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 111.244 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 41 Resp: 83652
Ion Ratio Lower Upper
41 100
69 126.0 58.6 88.0#
39 56.1 53.4 80.0

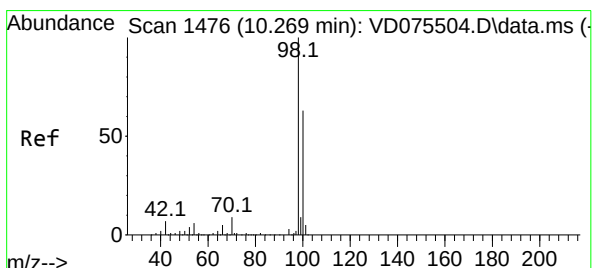
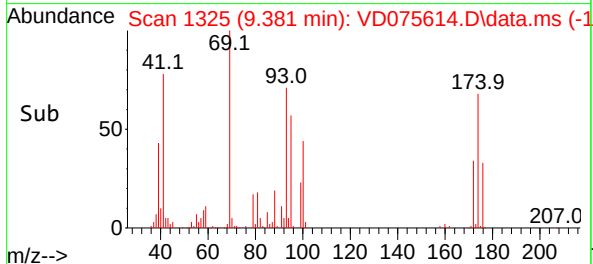
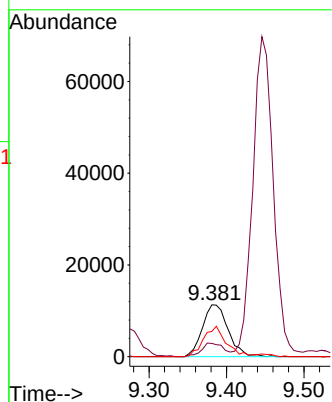
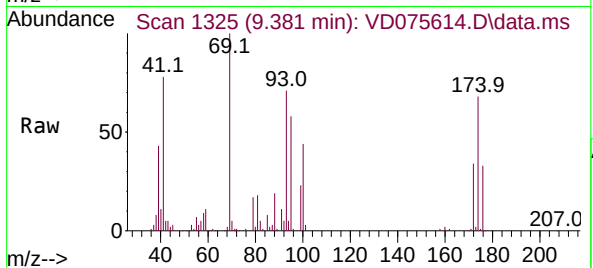




#49
1,4-Dioxane
Concen: 2128.794 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

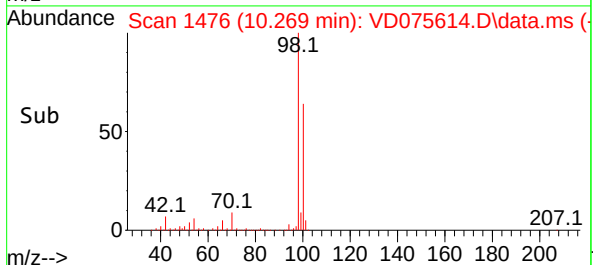
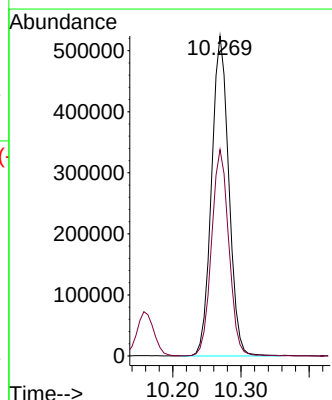
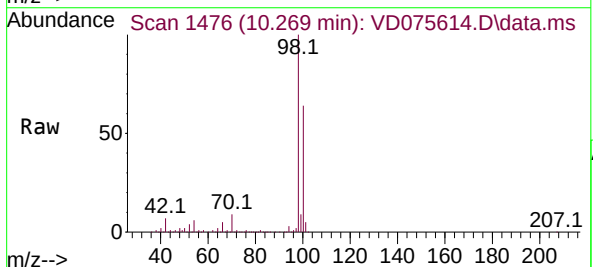
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

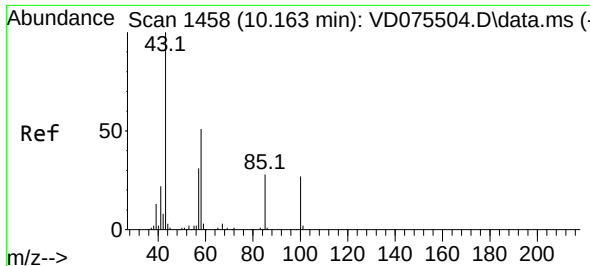
Tgt Ion: 88 Resp: 26038
Ion Ratio Lower Upper
88 100
43 22.5 34.6 51.8#
58 51.7 58.0 87.0#



#50
Toluene-d8
Concen: 104.055 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 98 Resp: 923930
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

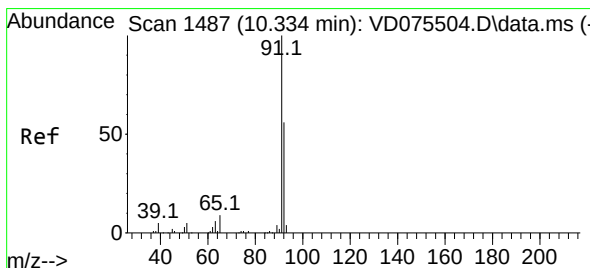
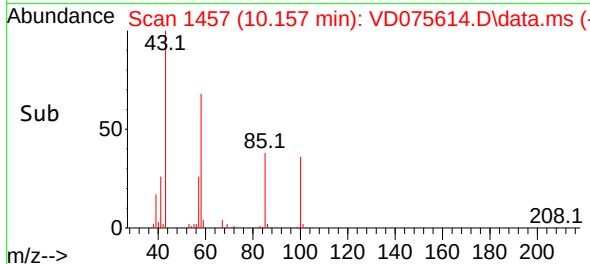
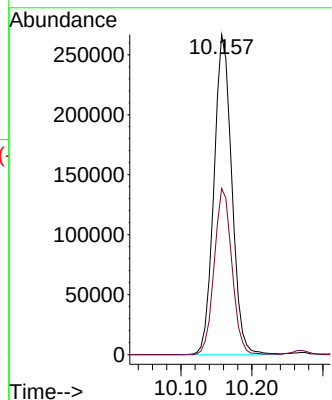
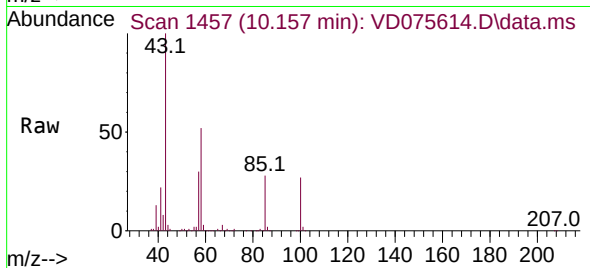




#51
4-Methyl-2-Pentanone
Concen: 521.052 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

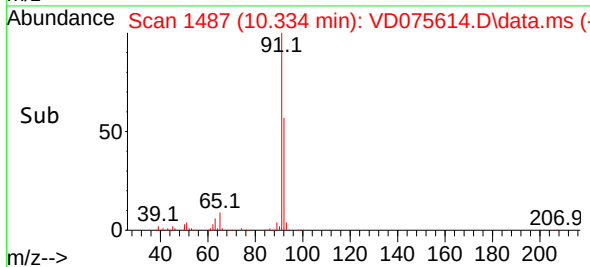
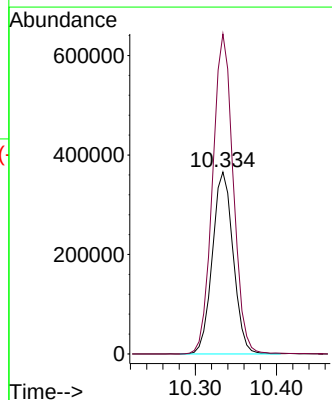
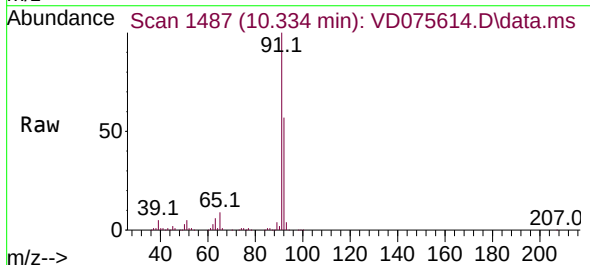
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

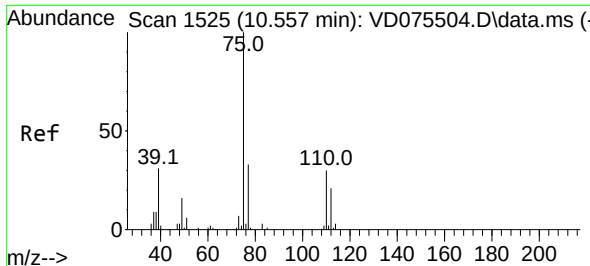
Tgt Ion: 43 Resp: 465419
Ion Ratio Lower Upper
43 100
58 51.4 29.5 44.3#



#52
Toluene
Concen: 103.388 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 92 Resp: 650502
Ion Ratio Lower Upper
92 100
91 175.2 136.5 204.7

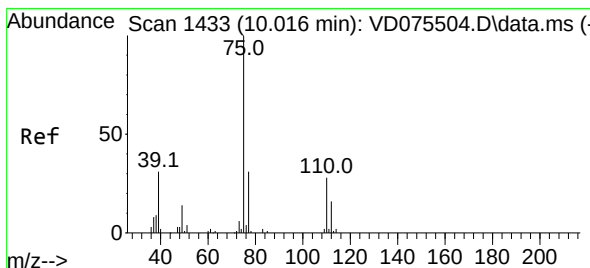
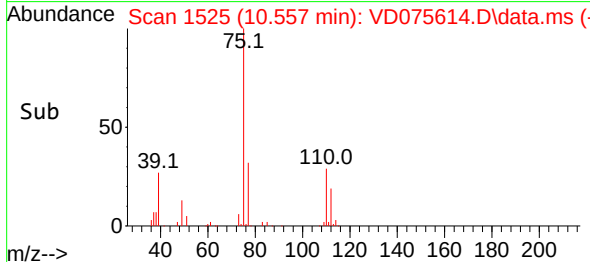
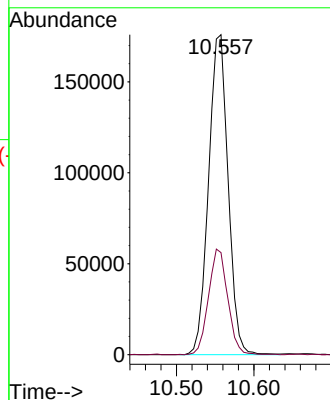
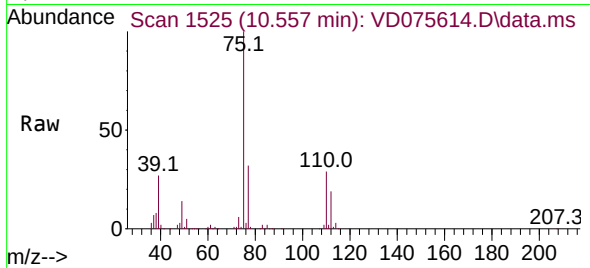




#53
 t-1,3-Dichloropropene
 Concen: 104.112 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075614.D
 Acq: 10 Apr 2023 18:52

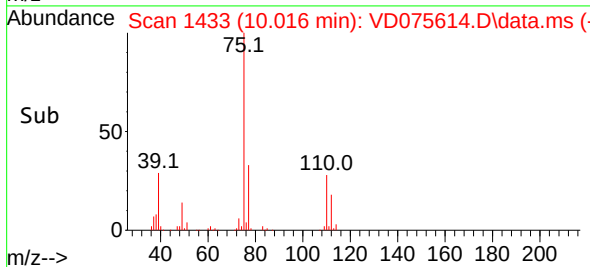
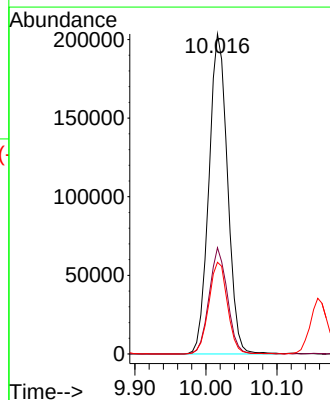
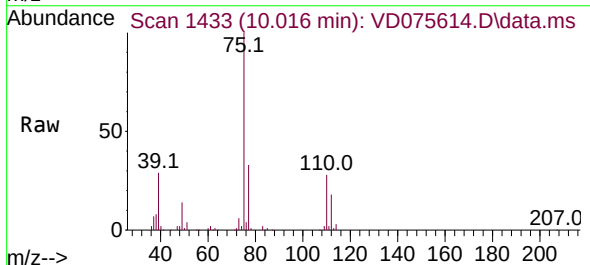
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

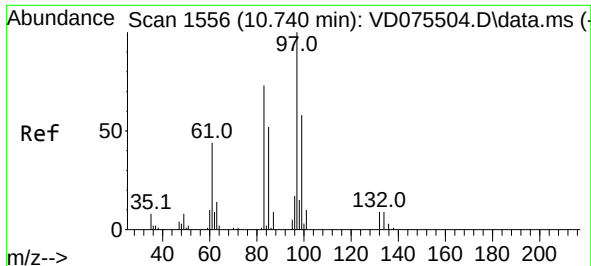
Tgt Ion: 75 Resp: 307926
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 102.882 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075614.D
 Acq: 10 Apr 2023 18:52

Tgt Ion: 75 Resp: 369983
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4
 39 28.6 44.8 67.2#

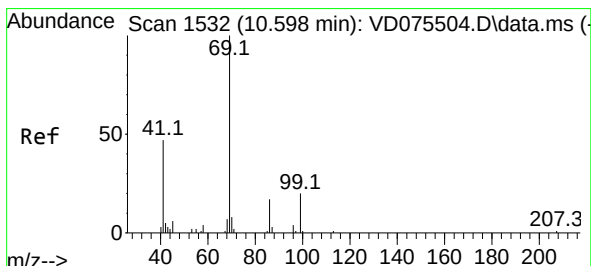
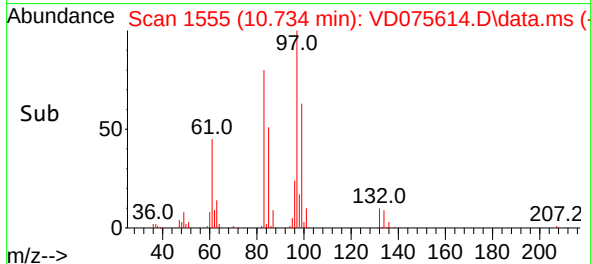
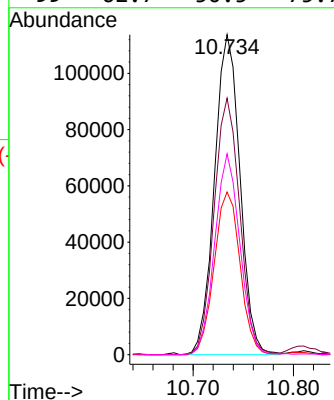
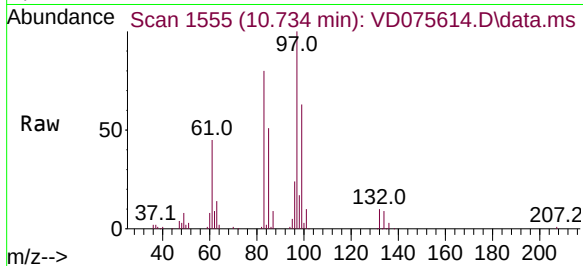




#55
1,1,2-Trichloroethane
Concen: 101.231 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

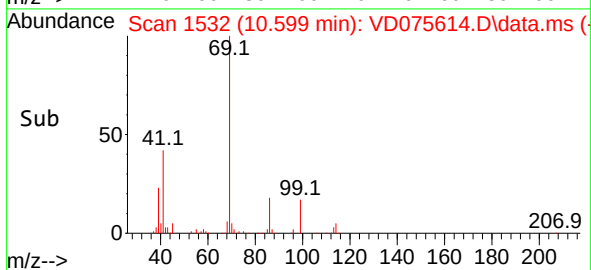
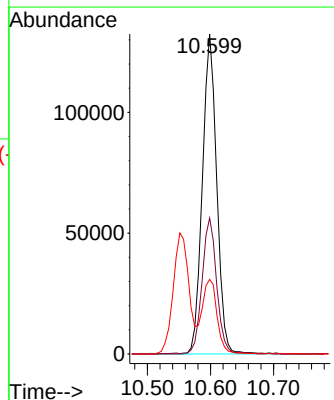
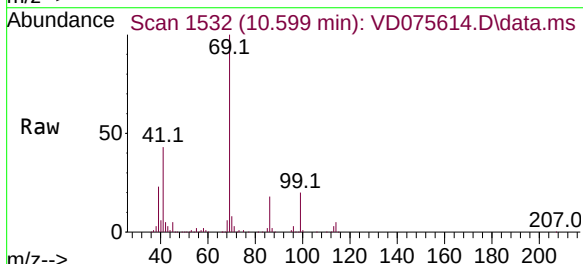
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

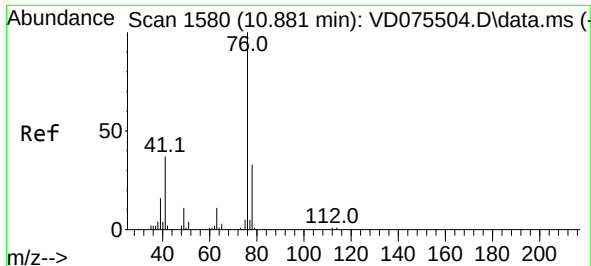
Tgt Ion: 97	Resp: 201427
Ion Ratio	Lower Upper
97 100	
83 80.1	74.2 111.4
85 50.9	45.4 68.0
99 62.7	50.5 75.7



#56
Ethyl methacrylate
Concen: 108.955 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 69	Resp: 208963
Ion Ratio	Lower Upper
69 100	
41 42.9	59.3 88.9#
39 25.0	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 100.666 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

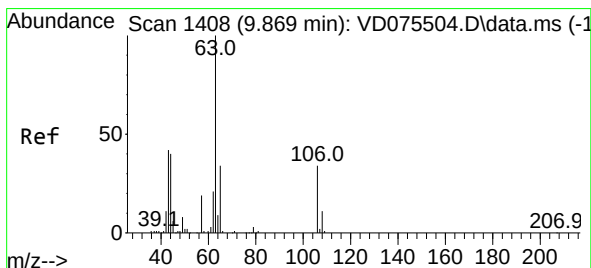
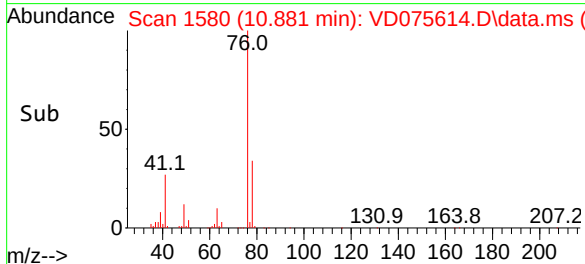
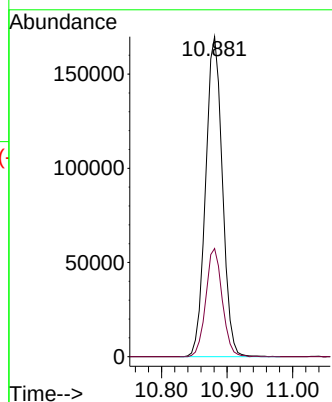
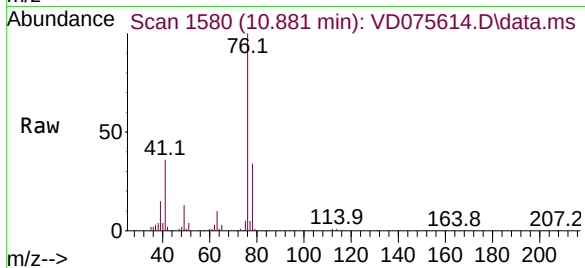
VSTDIC100

Tgt Ion: 76 Resp: 301600

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 531.002 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075614.D

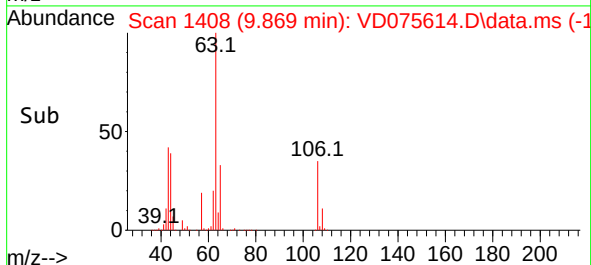
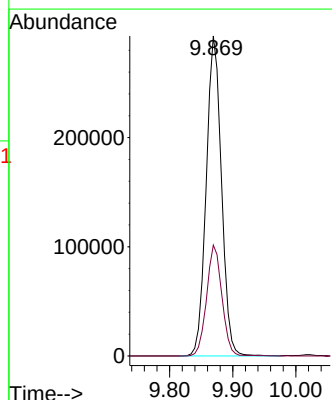
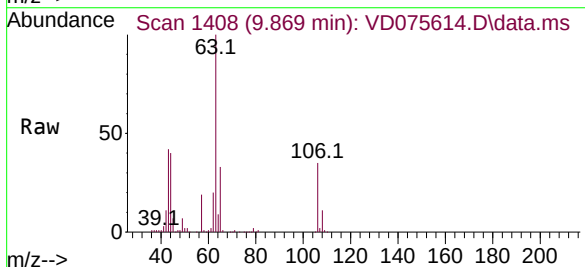
Acq: 10 Apr 2023 18:52

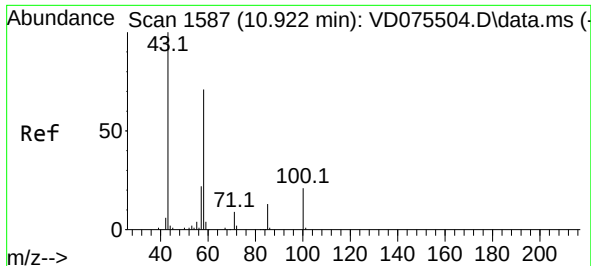
Tgt Ion: 63 Resp: 492386

Ion Ratio Lower Upper

63 100

106 34.7 21.4 32.2#

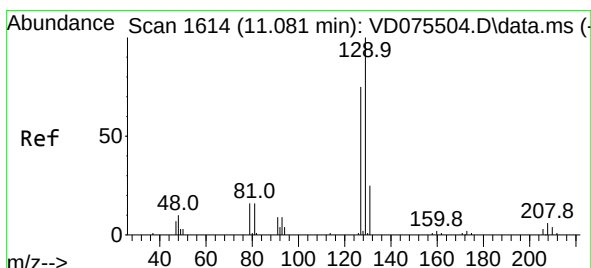
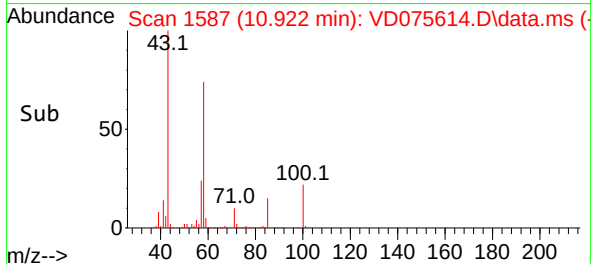
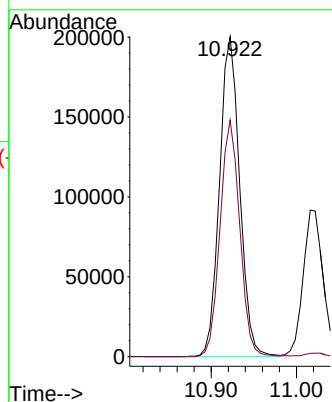
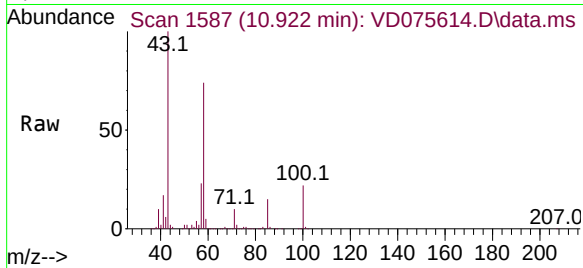




#59
2-Hexanone
Concen: 523.607 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

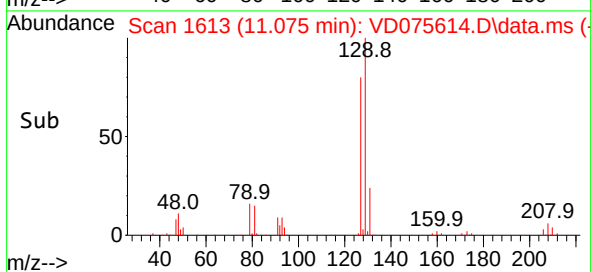
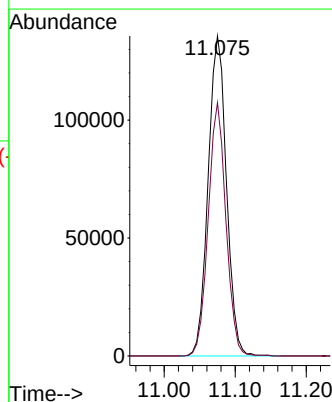
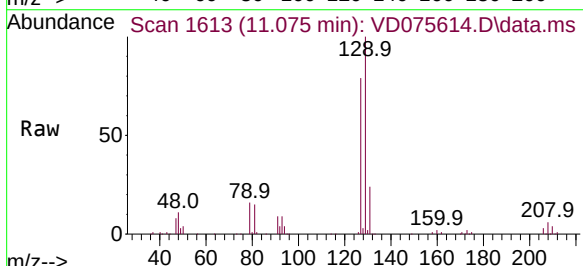
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

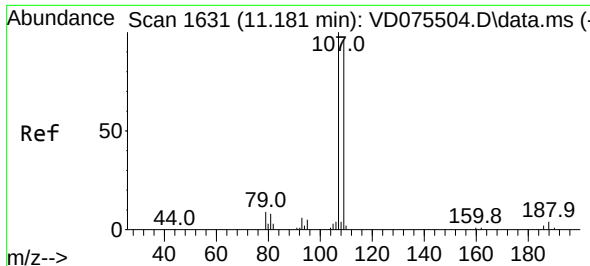
Tgt Ion: 43 Resp: 329491
Ion Ratio Lower Upper
43 100
58 72.2 25.3 75.8



#60
Dibromochloromethane
Concen: 102.372 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 129 Resp: 243207
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5

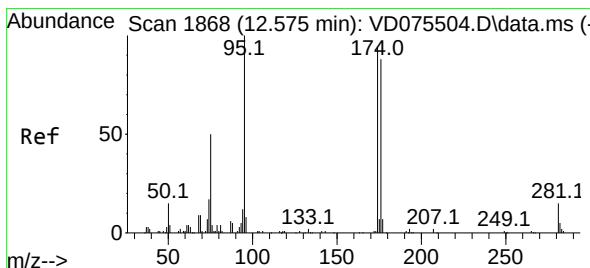
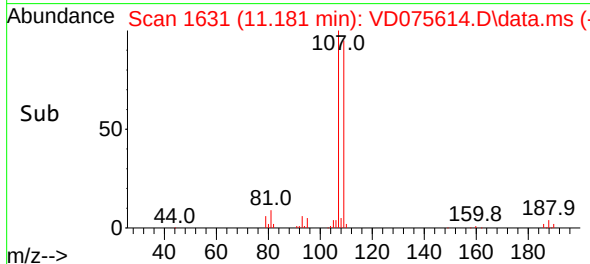
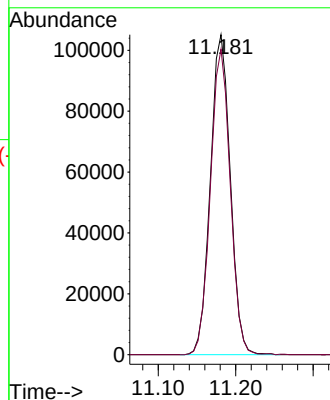
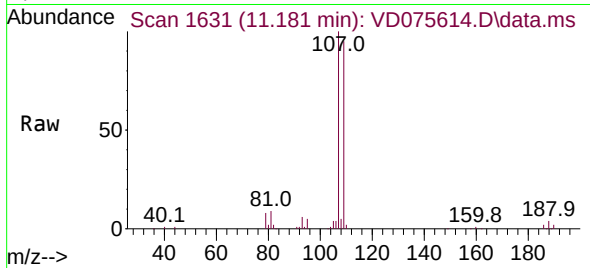




#61
1,2-Dibromoethane
Concen: 98.868 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

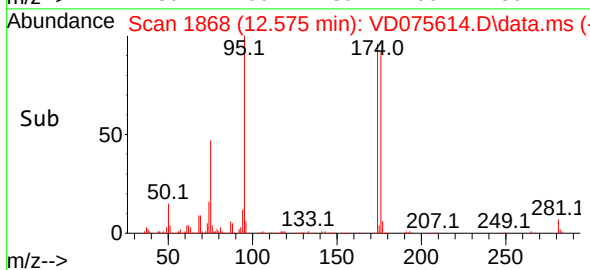
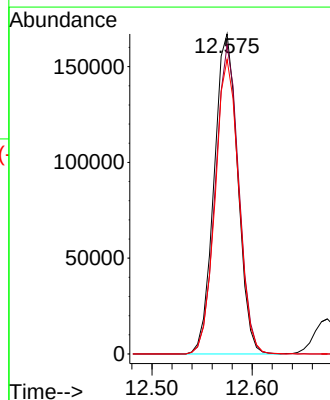
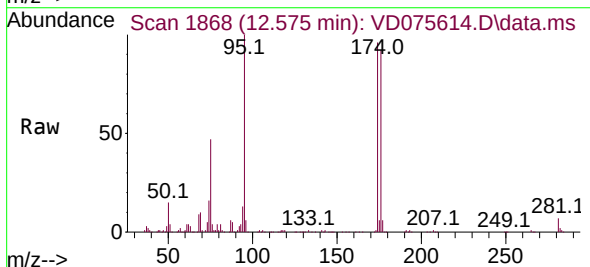
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

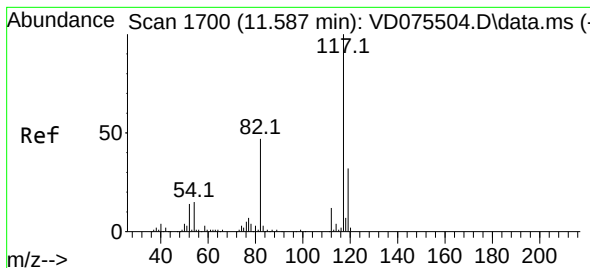
Tgt Ion:107 Resp: 188022
Ion Ratio Lower Upper
107 100
109 94.9 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 104.629 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 95 Resp: 273312
Ion Ratio Lower Upper
95 100
174 95.4 0.0 164.0
176 92.0 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

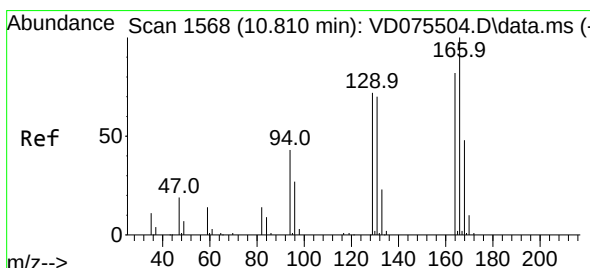
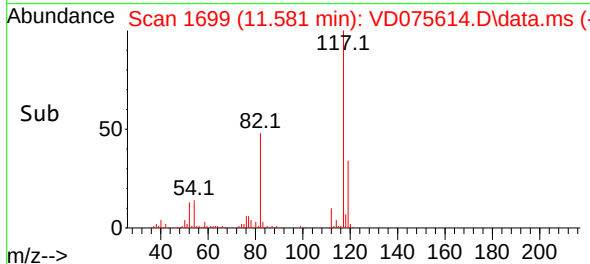
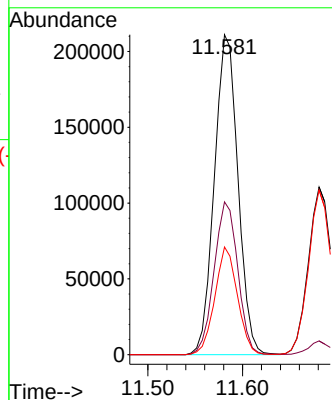
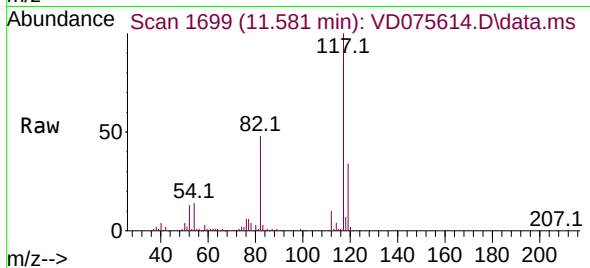
Tgt Ion:117 Resp: 366364

Ion Ratio Lower Upper

117 100

82 47.7 44.0 66.0

119 33.6 25.1 37.7



#64

Tetrachloroethene

Concen: 103.067 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Tgt Ion:164 Resp: 227115

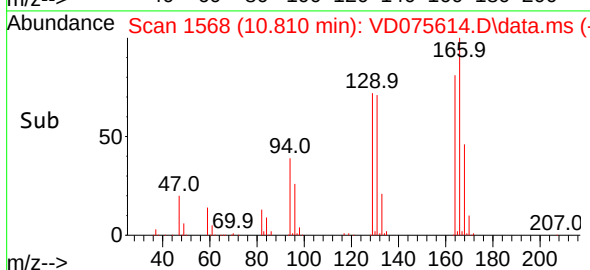
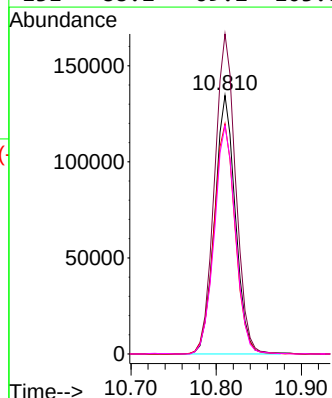
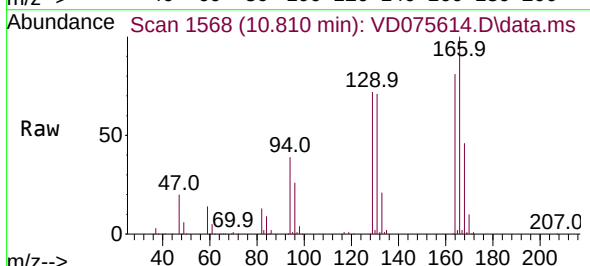
Ion Ratio Lower Upper

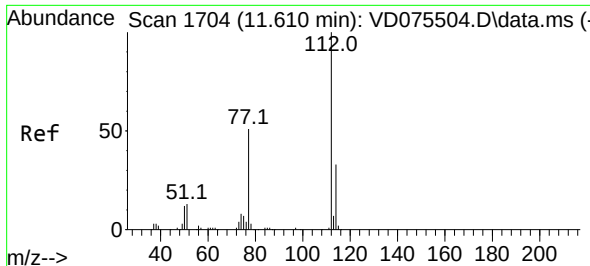
164 100

166 123.7 94.9 142.3

129 89.0 73.0 109.6

131 88.2 69.2 103.8

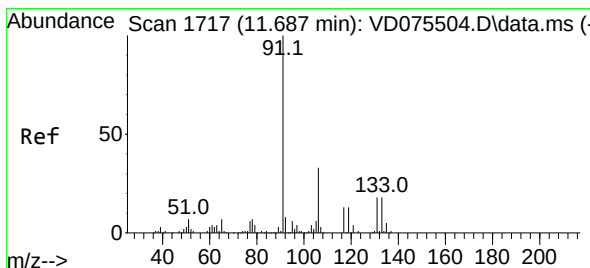
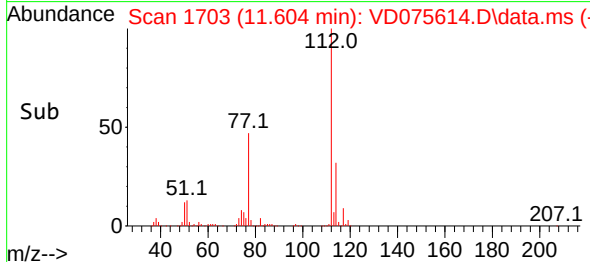
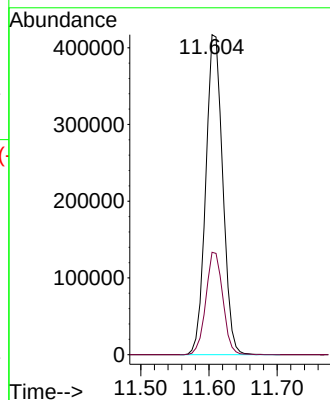
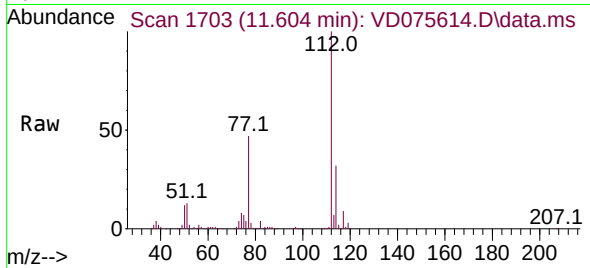




#65
Chlorobenzene
Concen: 101.423 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

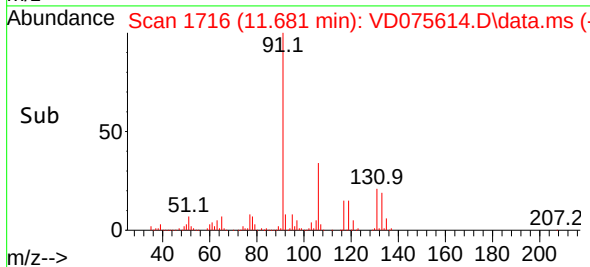
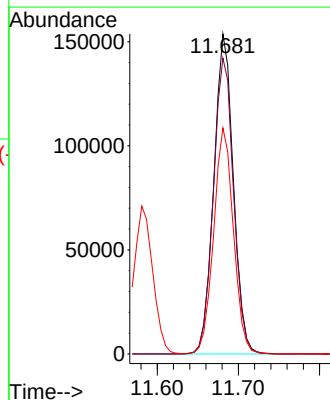
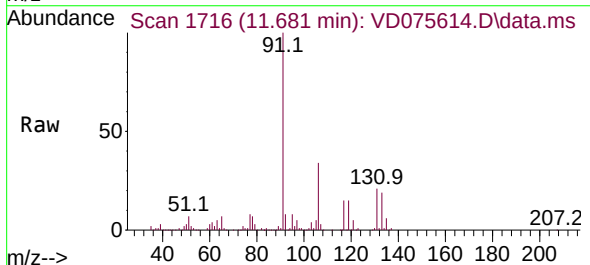
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

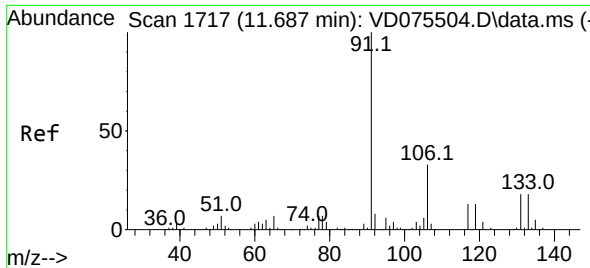
Tgt Ion:112 Resp: 721271
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 102.330 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:131 Resp: 257347
Ion Ratio Lower Upper
131 100
133 95.3 46.7 140.0
119 71.4 31.9 95.9

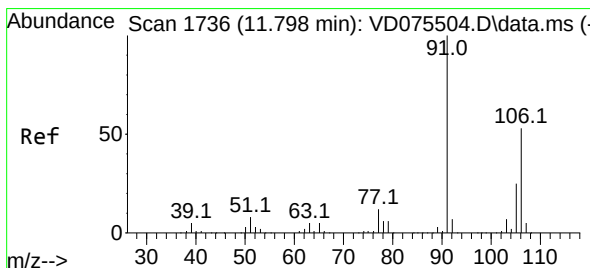
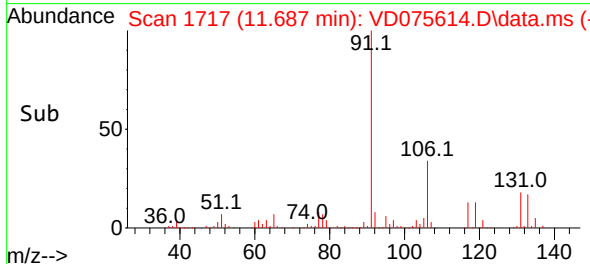
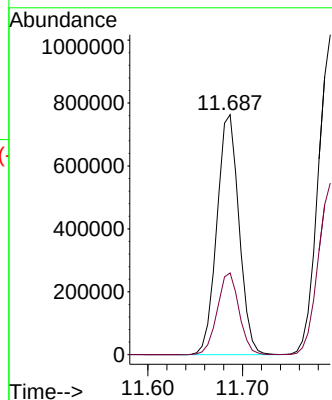
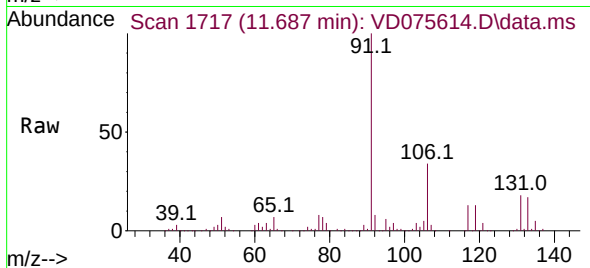




#67
Ethyl Benzene
Concen: 105.610 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

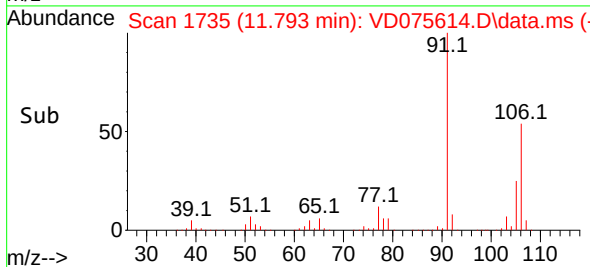
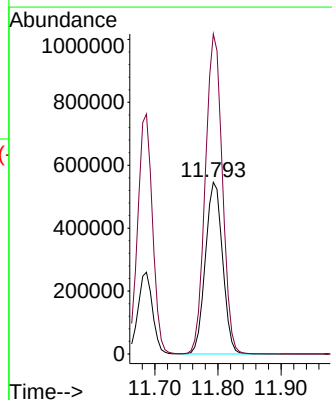
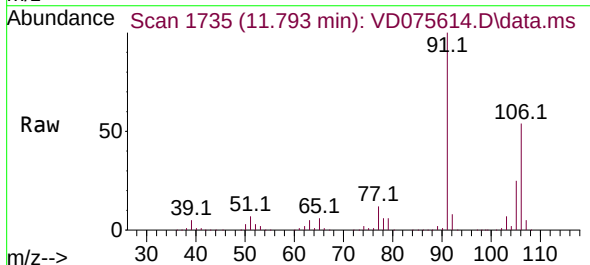
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

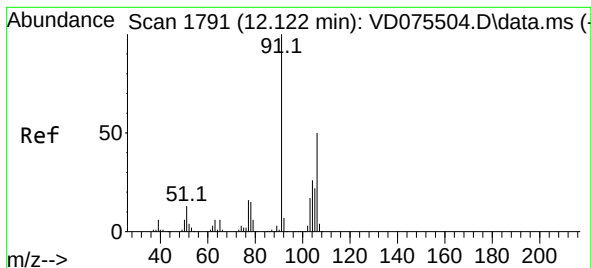
Tgt Ion: 91 Resp: 1239169
Ion Ratio Lower Upper
91 100
106 34.1 24.5 36.7



#68
m/p-Xylenes
Concen: 213.433 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:106 Resp: 1031478
Ion Ratio Lower Upper
106 100
91 184.4 161.5 242.3

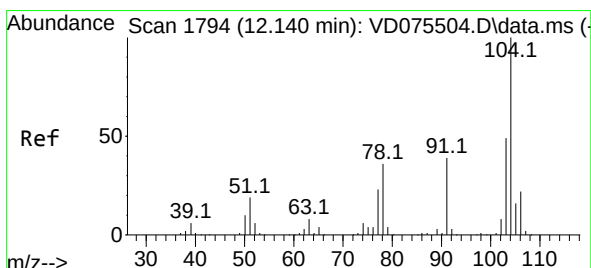
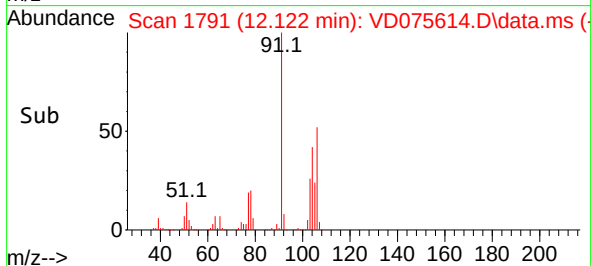
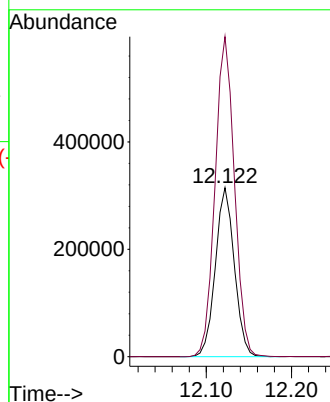
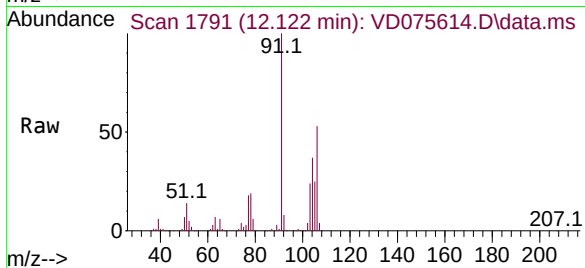




#69
o-Xylene
Concen: 111.820 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

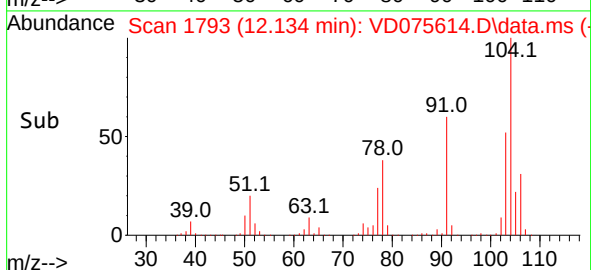
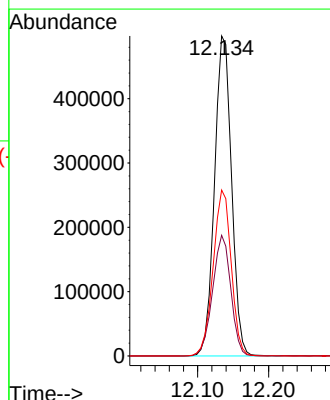
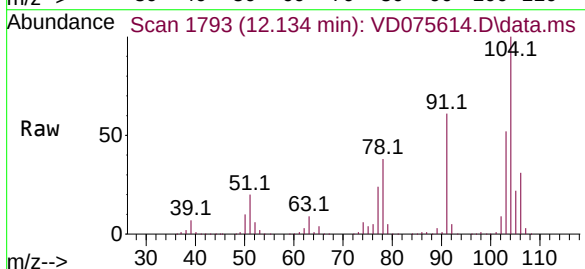
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

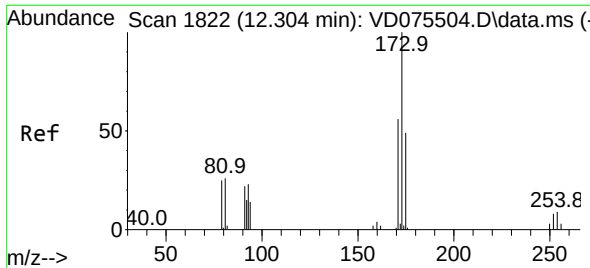
Tgt Ion:106 Resp: 486492
Ion Ratio Lower Upper
106 100
91 193.4 105.7 317.1



#70
Styrene
Concen: 110.846 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:104 Resp: 827052
Ion Ratio Lower Upper
104 100
78 40.3 40.2 60.4
103 54.9 44.2 66.2

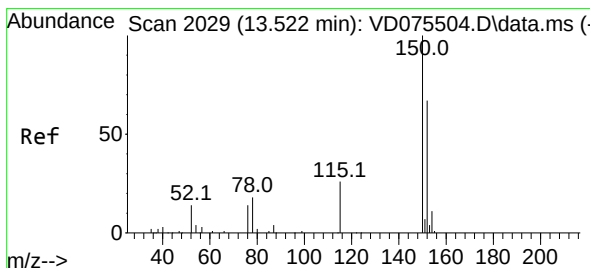
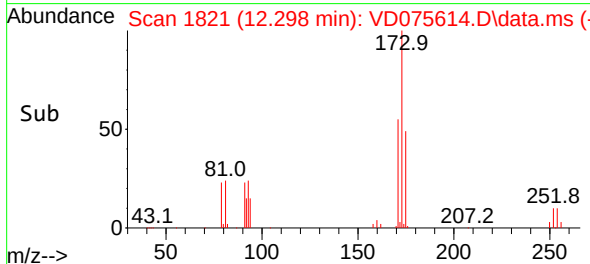
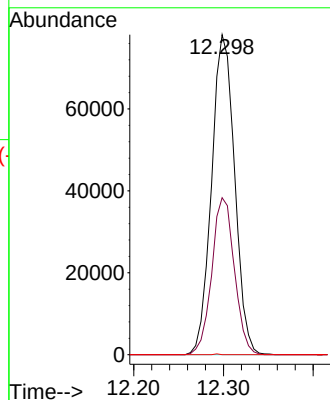
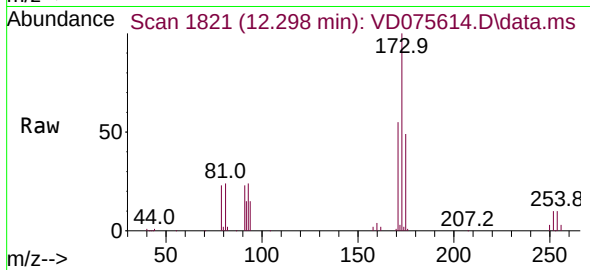




#71
Bromoform
Concen: 107.278 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

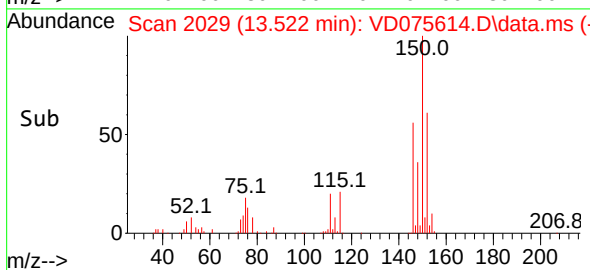
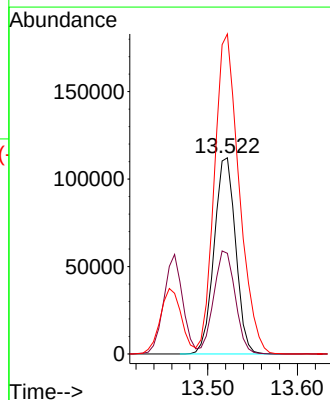
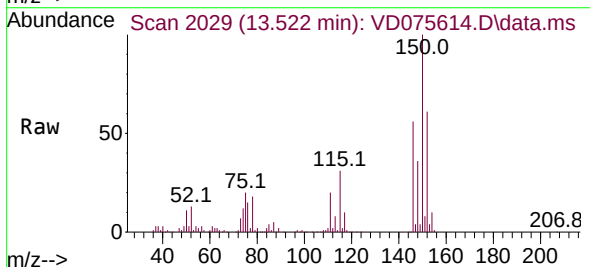
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

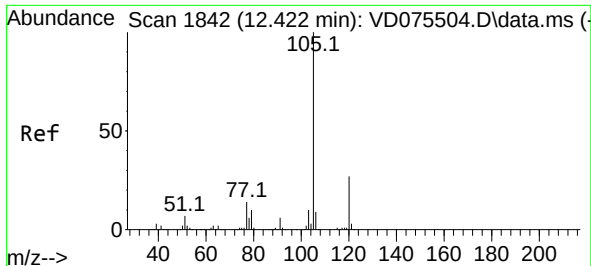
Tgt Ion:173 Resp: 139446
Ion Ratio Lower Upper
173 100
175 48.0 23.5 70.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:152 Resp: 186217
Ion Ratio Lower Upper
152 100
115 52.9 30.1 90.3
150 188.0 0.0 364.8

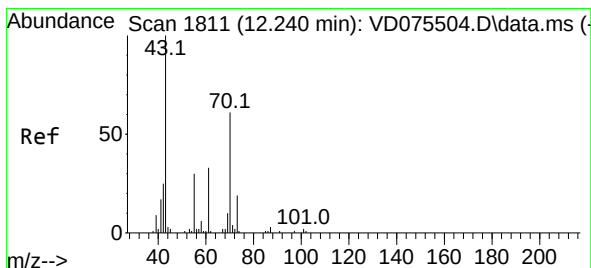
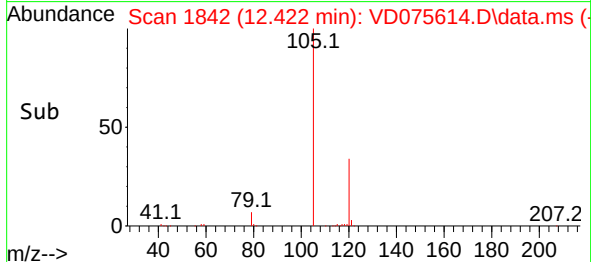
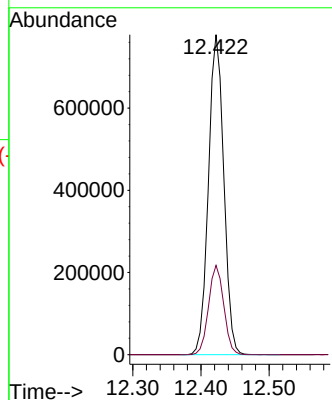
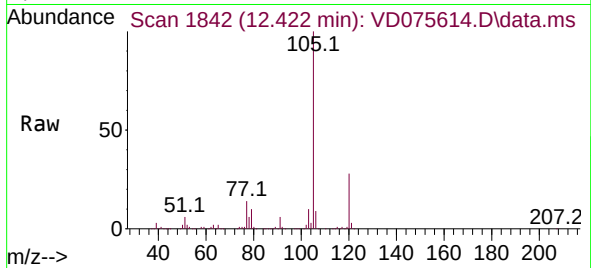




#73
Isopropylbenzene
Concen: 105.367 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

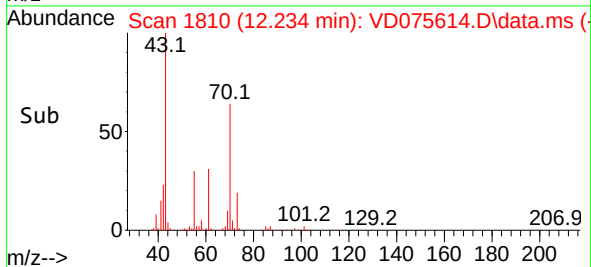
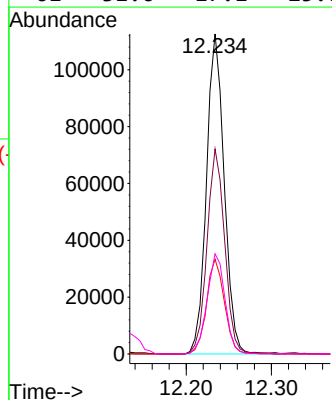
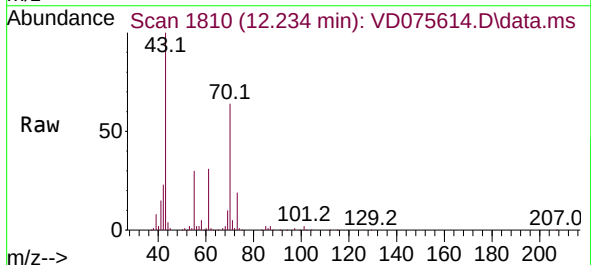
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

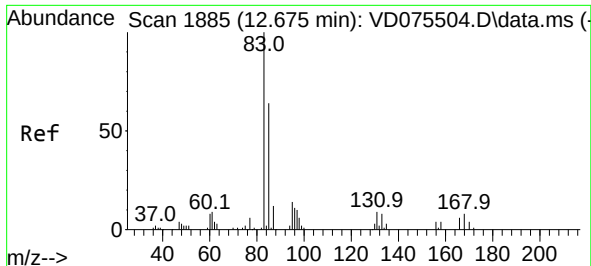
Tgt Ion:105 Resp: 1217581
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 100.728 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 43 Resp: 163250
Ion Ratio Lower Upper
43 100
70 63.5 31.0 46.4#
55 30.0 18.6 28.0#
61 31.6 17.1 25.7#

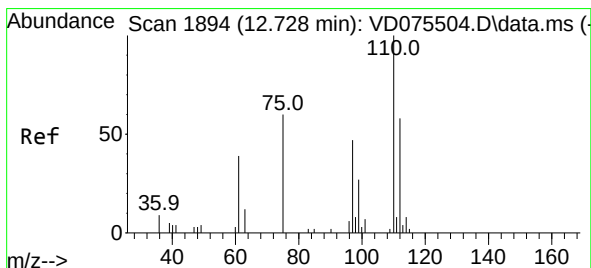
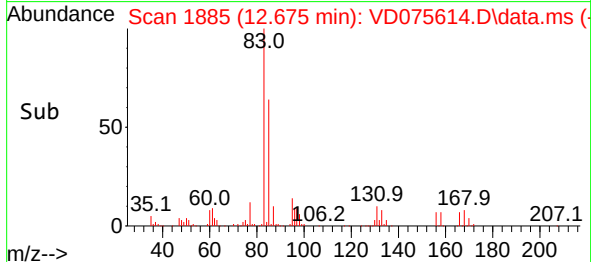
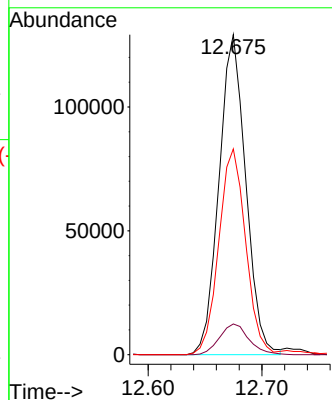
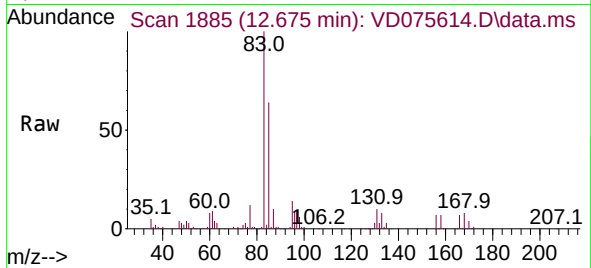




#75
1,1,2,2-Tetrachloroethane
Concen: 97.865 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

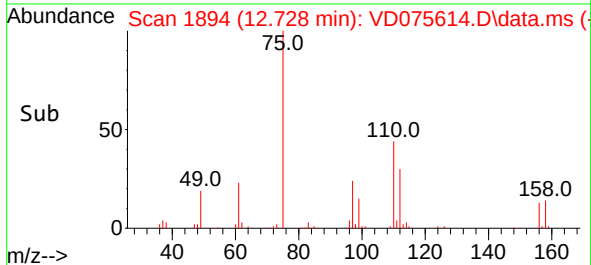
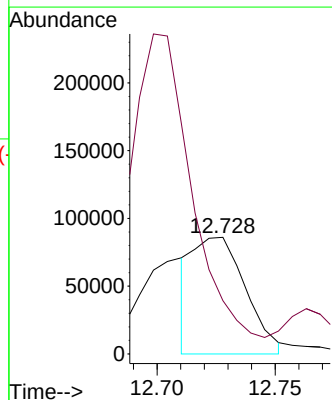
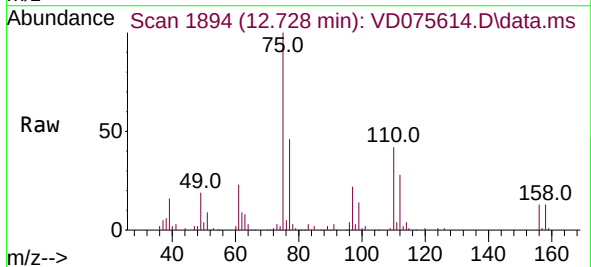
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

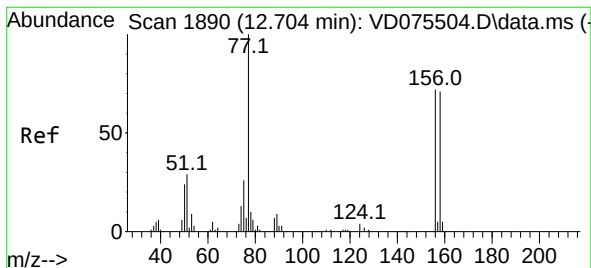
Tgt Ion: 83 Resp: 211531
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 64.6 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 91.795 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 75 Resp: 133779
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.204 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

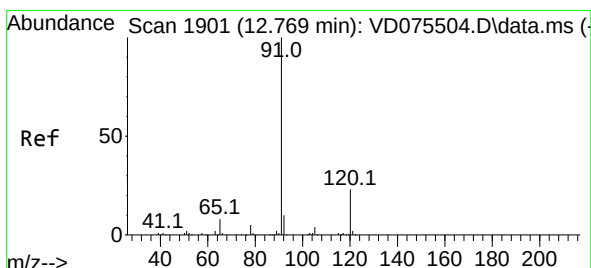
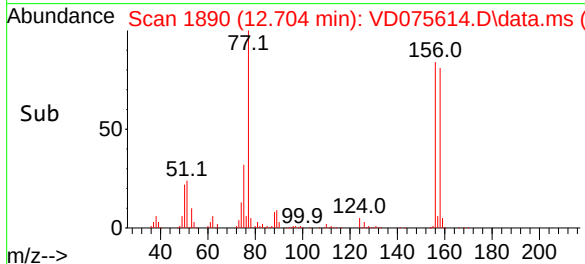
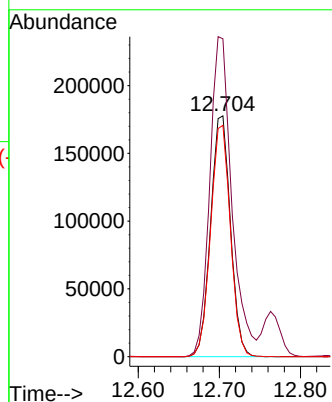
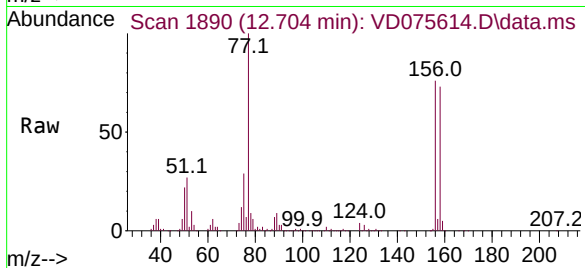
Tgt Ion:156 Resp: 301024

Ion Ratio Lower Upper

156 100

77 148.0 89.5 268.6

158 95.8 47.8 143.4



#78

n-propylbenzene

Concen: 103.995 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075614.D

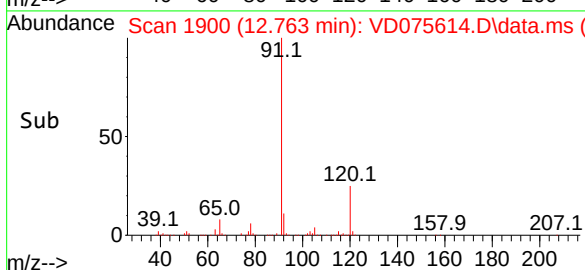
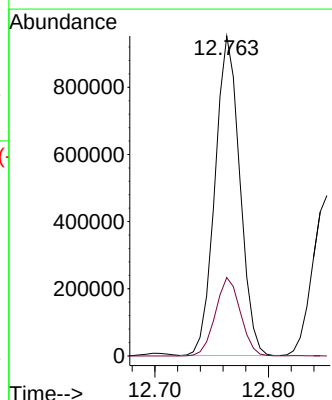
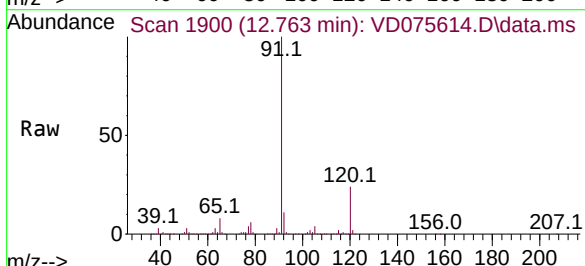
Acq: 10 Apr 2023 18:52

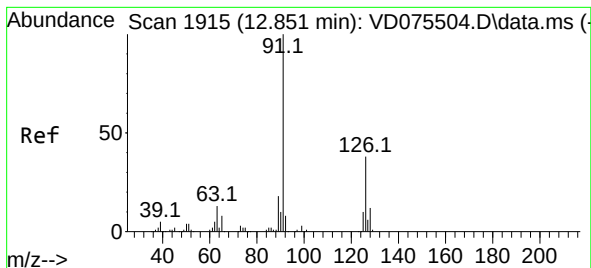
Tgt Ion: 91 Resp: 1444896

Ion Ratio Lower Upper

91 100

120 24.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 101.139 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

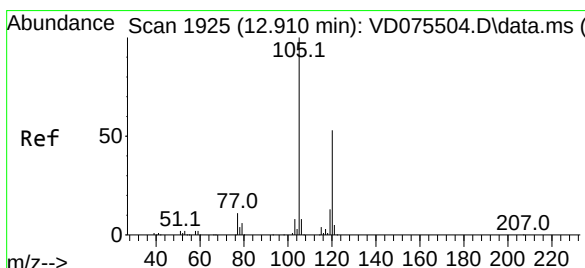
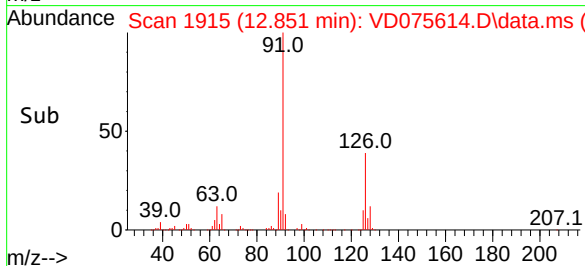
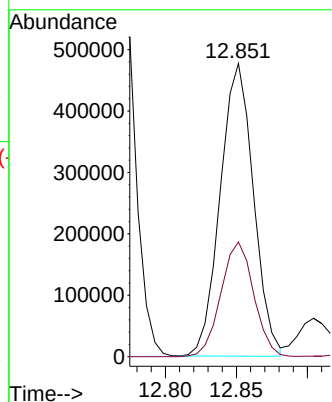
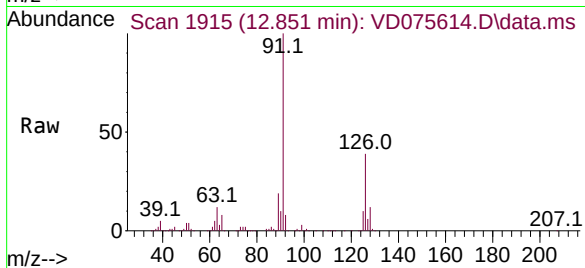
VSTDIC100

Tgt Ion: 91 Resp: 777188

Ion Ratio Lower Upper

91 100

126 38.6 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 104.195 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075614.D

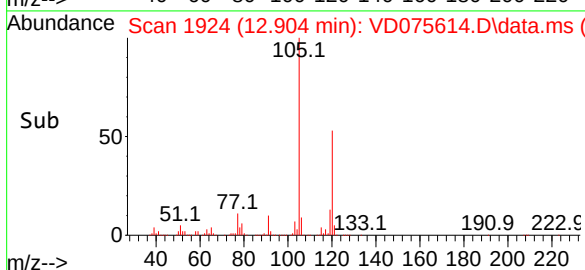
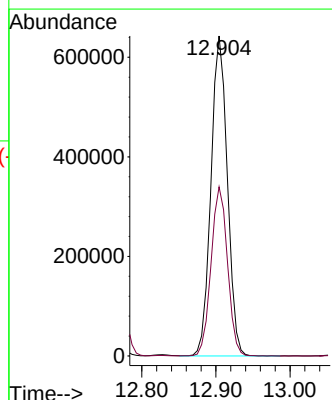
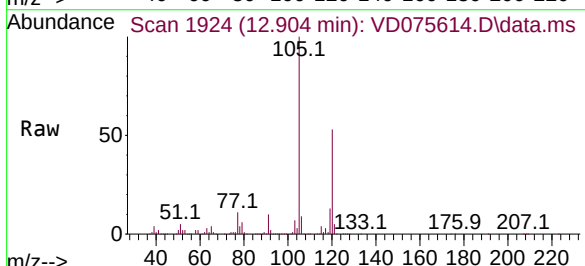
Acq: 10 Apr 2023 18:52

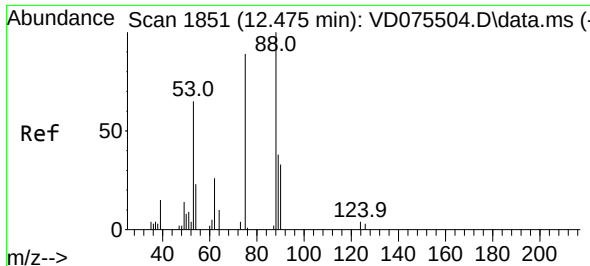
Tgt Ion: 105 Resp: 986096

Ion Ratio Lower Upper

105 100

120 53.0 24.3 72.8

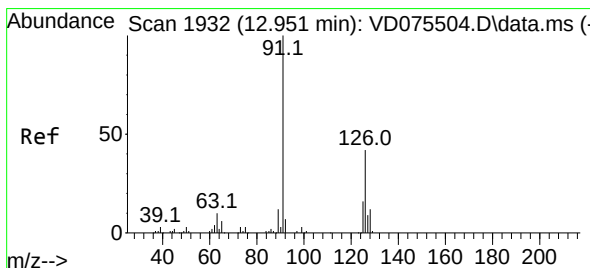
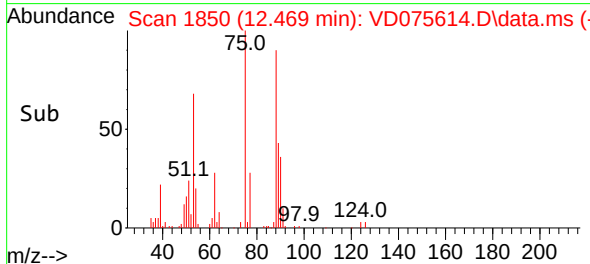
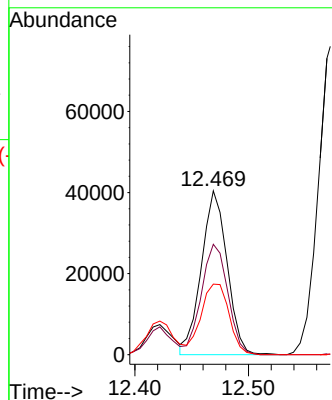
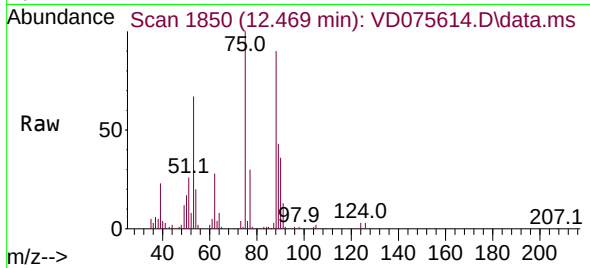




#81
trans-1,4-Dichloro-2-butene
Concen: 100.168 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

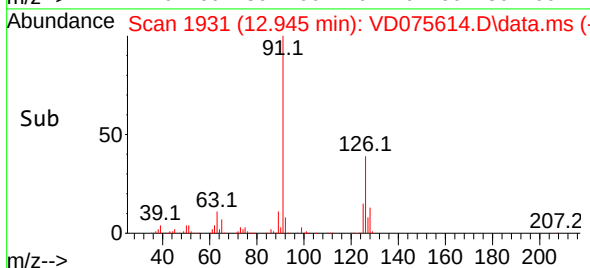
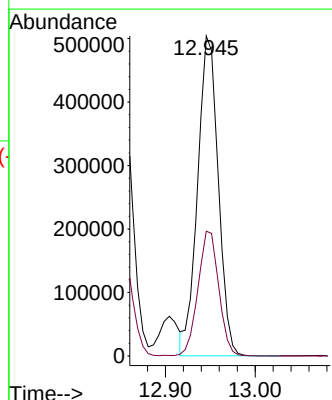
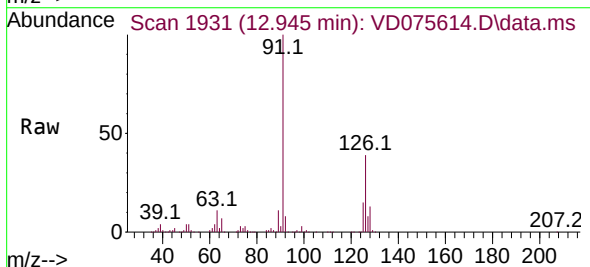
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

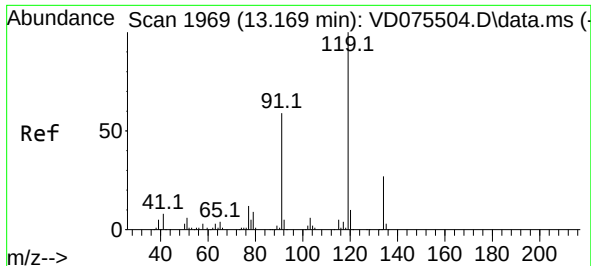
Tgt Ion: 75 Resp: 63695
Ion Ratio Lower Upper
75 100
53 69.5 90.5 135.7#
89 46.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 100.847 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 91 Resp: 803887
Ion Ratio Lower Upper
91 100
126 39.3 17.1 51.2

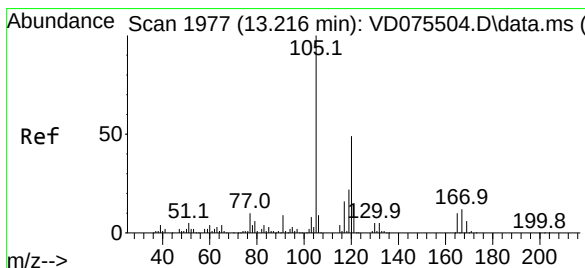
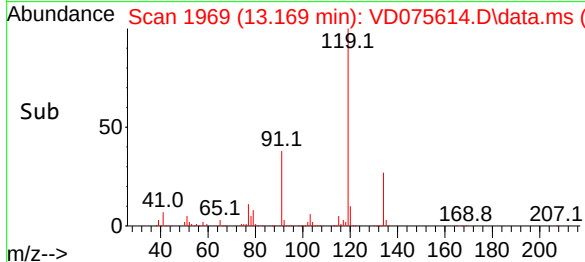
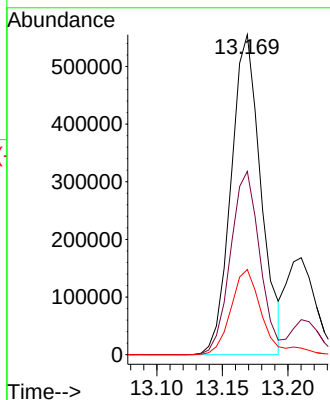
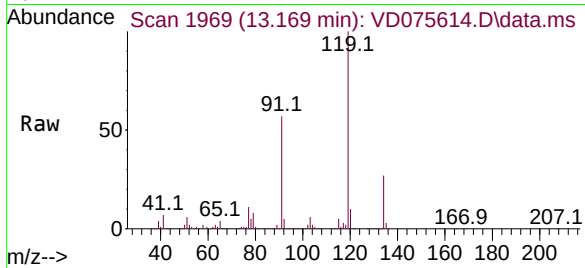




#83
tert-Butylbenzene
Concen: 107.226 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

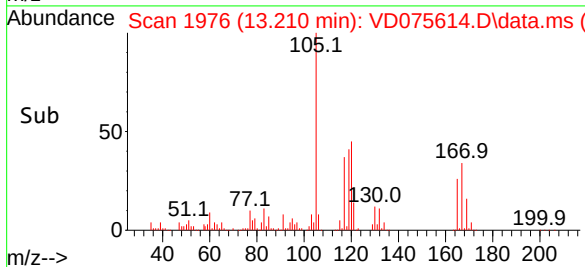
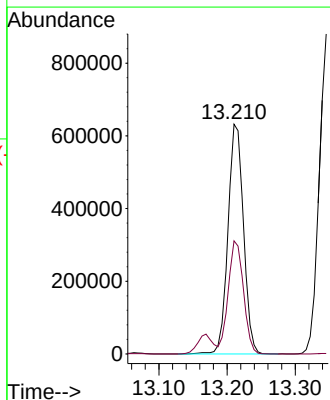
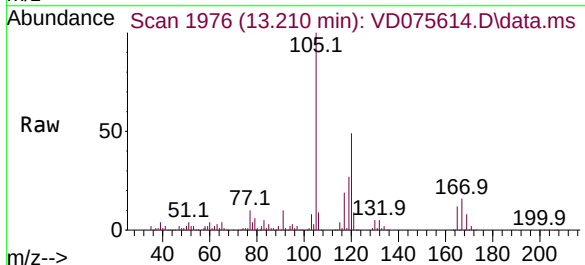
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

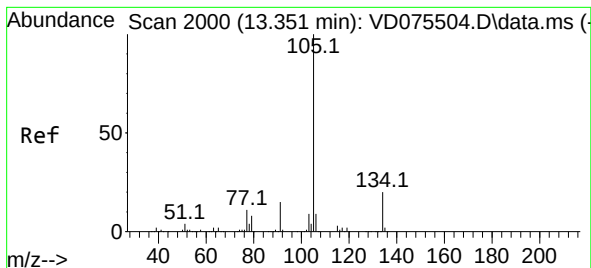
Tgt Ion:119 Resp: 881106
Ion Ratio Lower Upper
119 100
91 56.1 32.4 97.0
134 27.9 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 104.696 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:105 Resp: 1000583
Ion Ratio Lower Upper
105 100
120 48.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 104.776 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

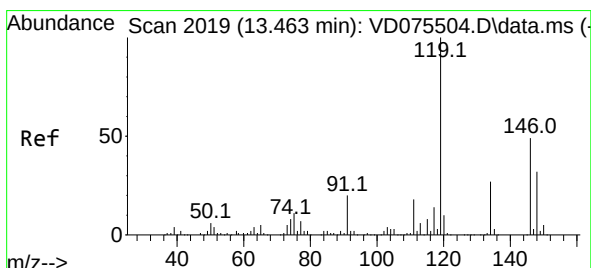
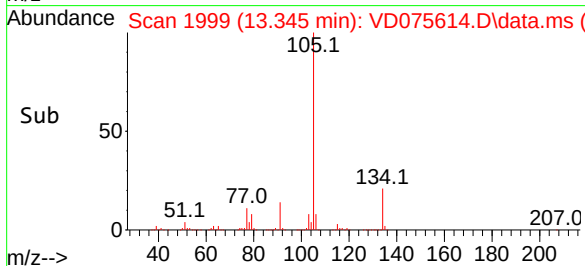
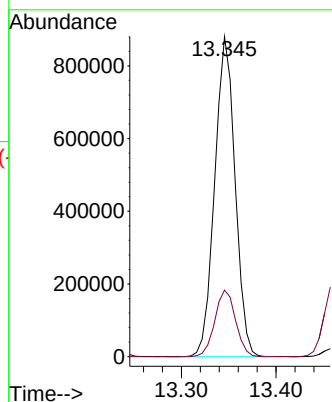
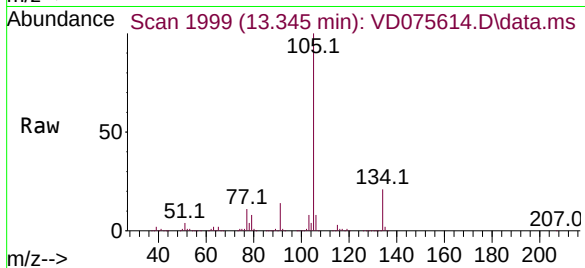
VSTDIC100

Tgt Ion:105 Resp: 1315718

Ion Ratio Lower Upper

105 100

134 21.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 105.482 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

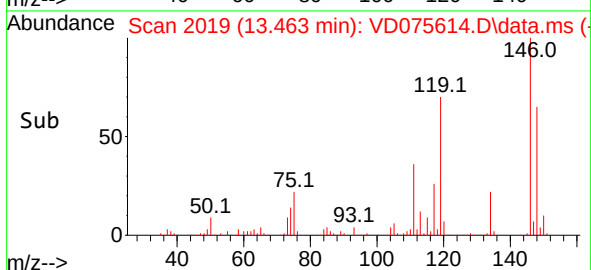
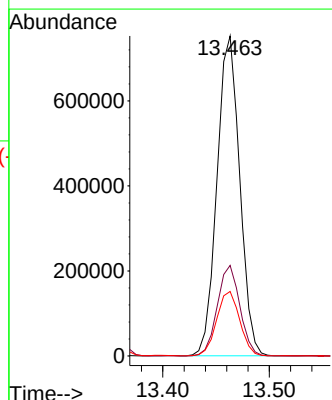
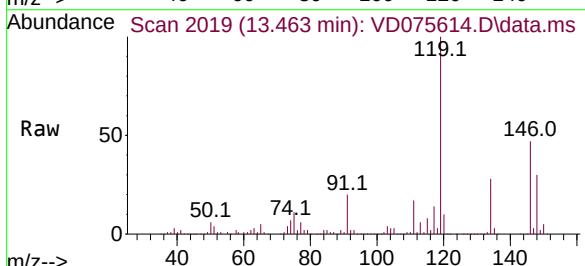
Tgt Ion:119 Resp: 1113443

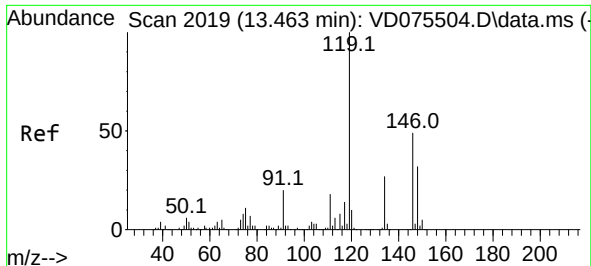
Ion Ratio Lower Upper

119 100

134 28.1 13.1 39.3

91 20.4 12.4 37.4

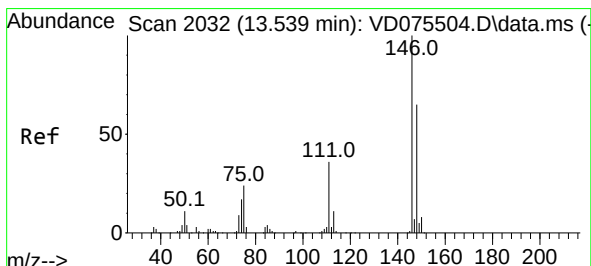
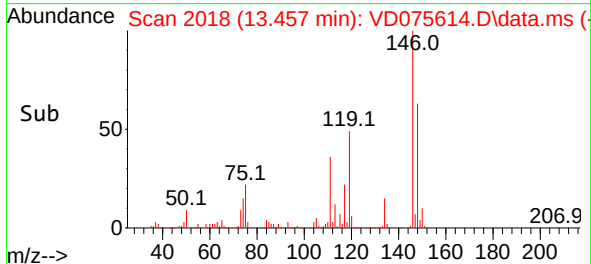
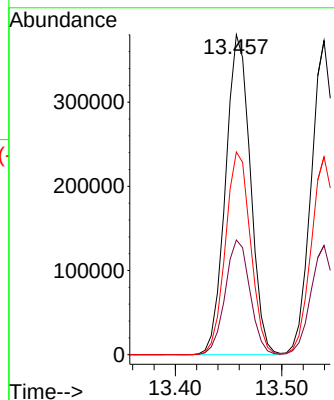
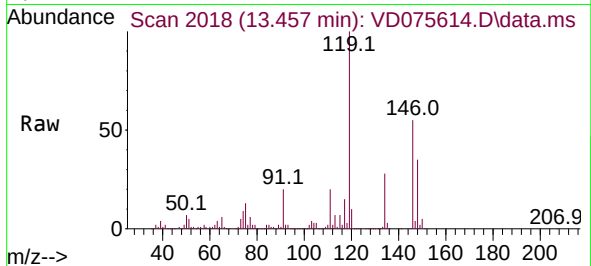




#87
1,3-Dichlorobenzene
Concen: 100.895 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

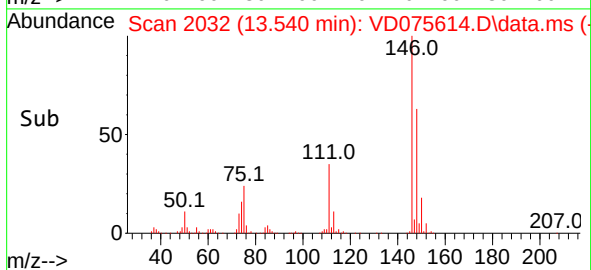
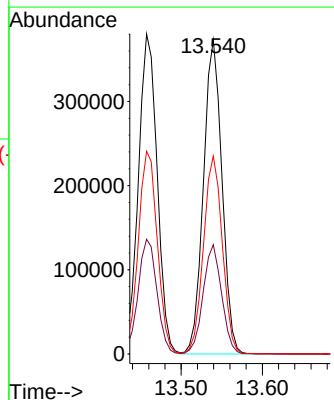
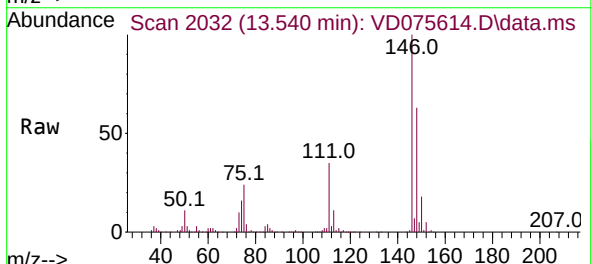
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

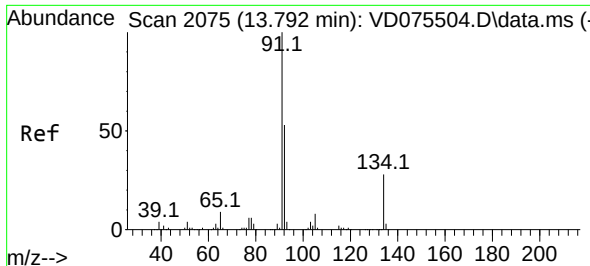
Tgt Ion:146 Resp: 614527
Ion Ratio Lower Upper
146 100
111 35.9 19.8 59.3
148 64.1 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 98.293 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion:146 Resp: 592094
Ion Ratio Lower Upper
146 100
111 34.8 19.6 58.8
148 64.0 31.7 95.1

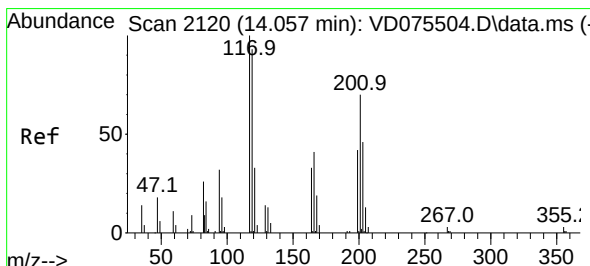
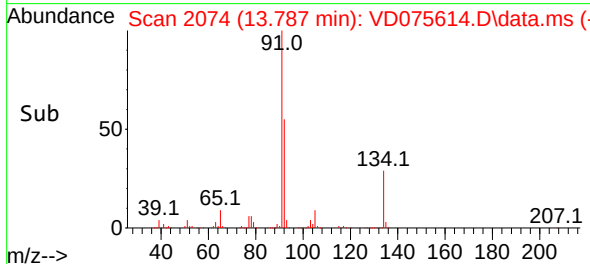
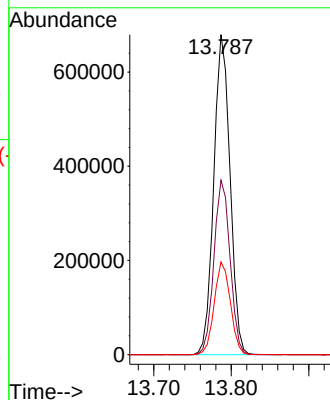
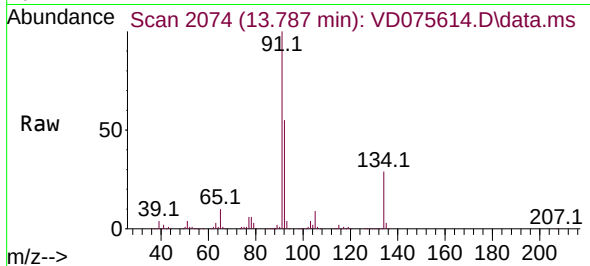




#89
n-Butylbenzene
Concen: 103.221 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

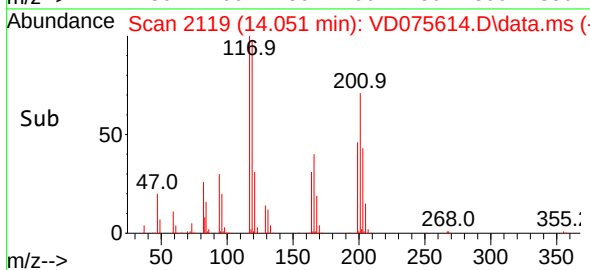
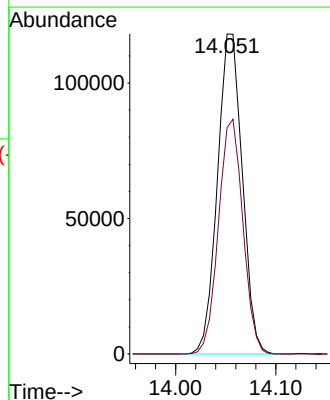
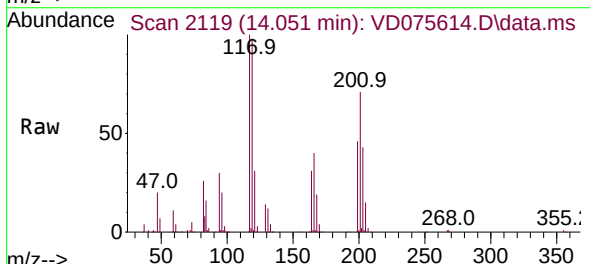
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

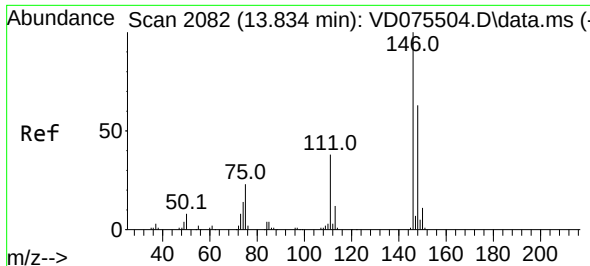
Tgt Ion: 91 Resp: 990645
Ion Ratio Lower Upper
91 100
92 54.2 26.2 78.5
134 28.8 12.7 38.0



#90
Hexachloroethane
Concen: 101.881 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 117 Resp: 203429
Ion Ratio Lower Upper
117 100
201 71.8 34.5 103.6

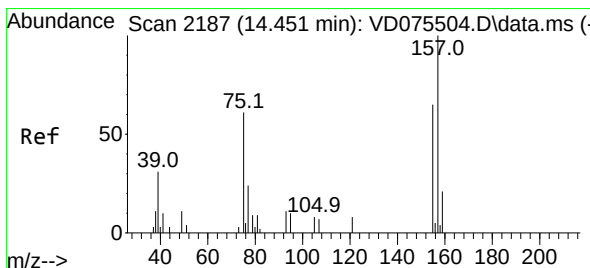
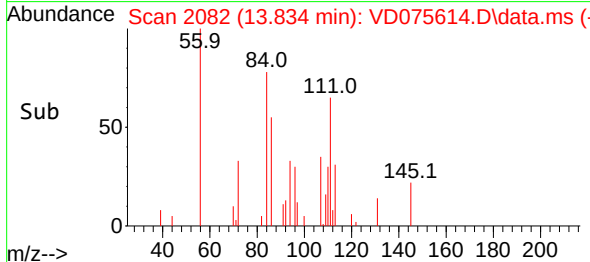
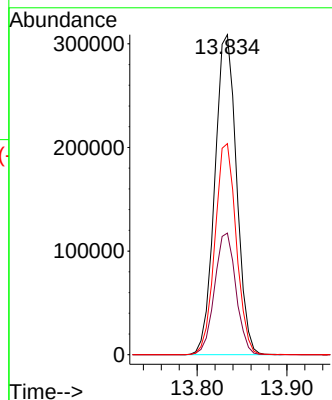
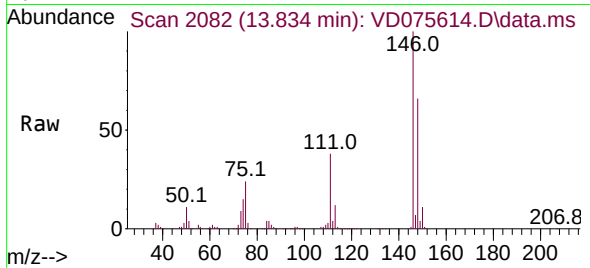




#91
1,2-Dichlorobenzene
Concen: 98.883 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

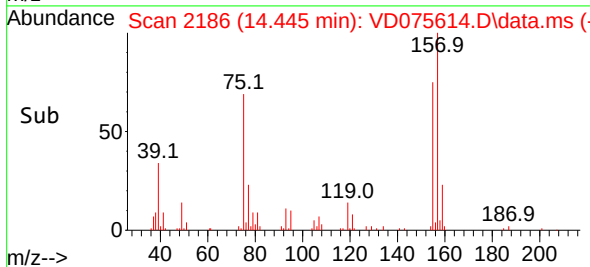
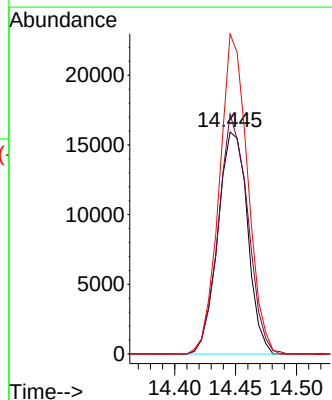
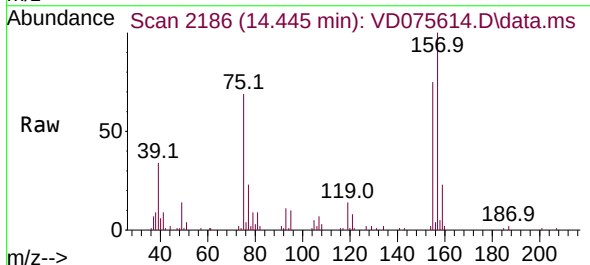
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

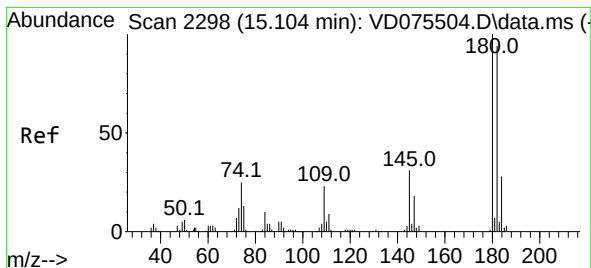
Tgt Ion:146 Resp: 519152
Ion Ratio Lower Upper
146 100
111 37.4 20.6 61.8
148 64.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.897 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075614.D
Acq: 10 Apr 2023 18:52

Tgt Ion: 75 Resp: 27010
Ion Ratio Lower Upper
75 100
155 106.6 39.5 118.5
157 137.4 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 108.561 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

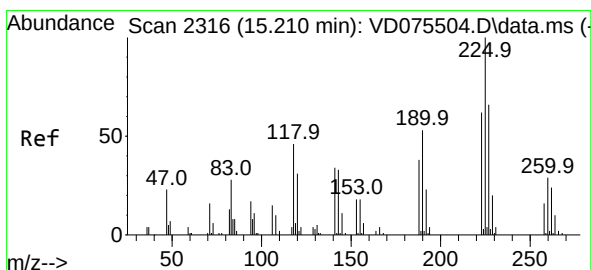
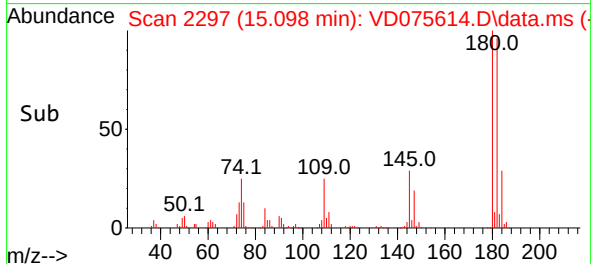
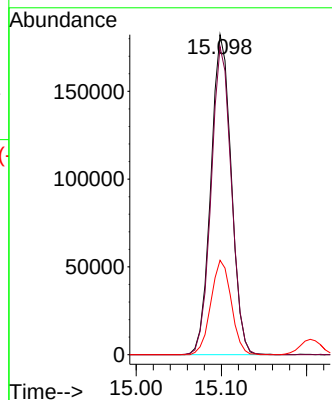
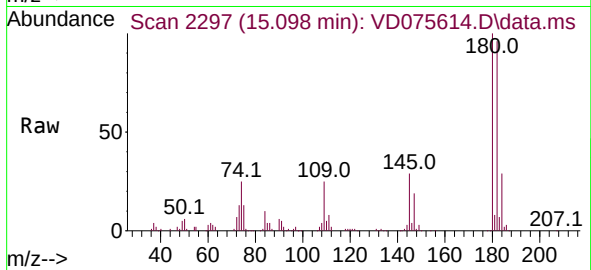
Tgt Ion:180 Resp: 302297

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 29.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 105.763 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

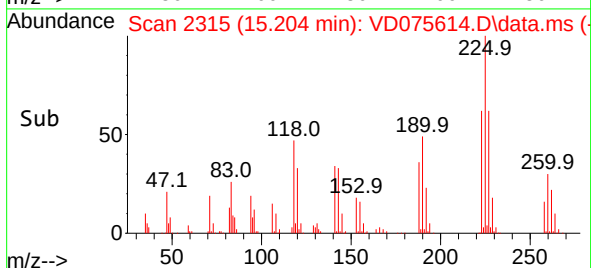
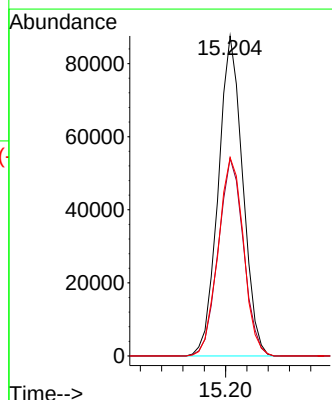
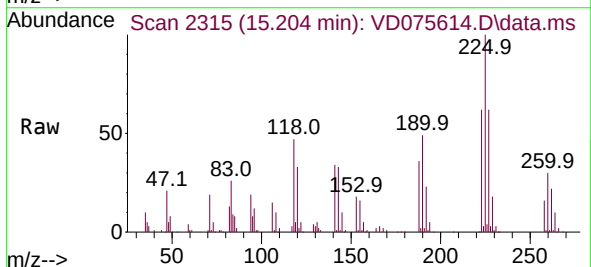
Tgt Ion:225 Resp: 139501

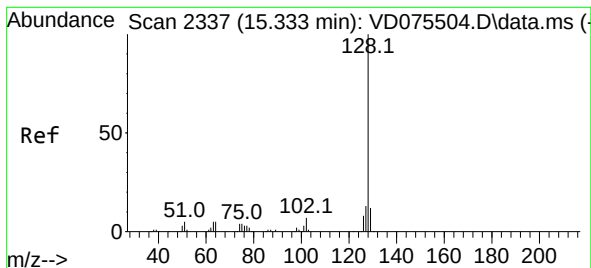
Ion Ratio Lower Upper

225 100

223 63.6 33.1 99.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 114.546 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

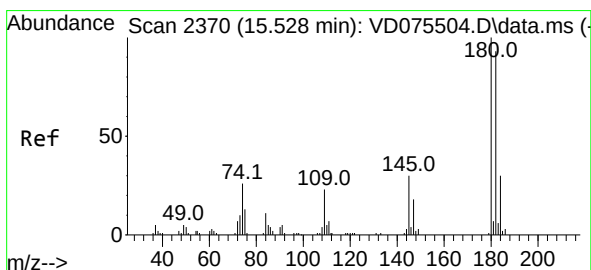
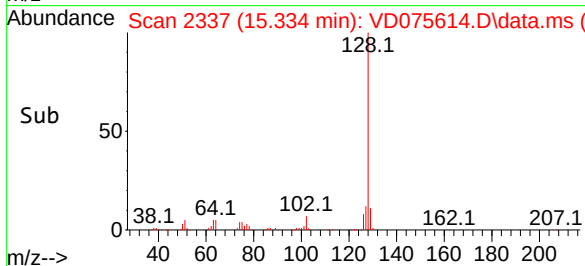
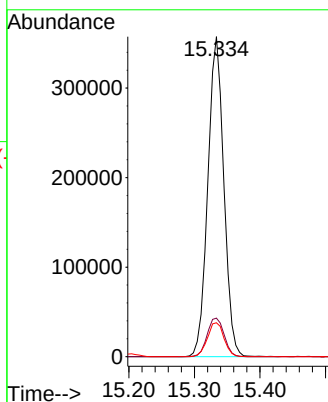
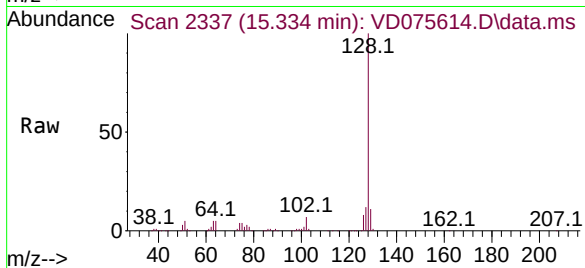
Tgt Ion:128 Resp: 605633

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 107.750 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075614.D

Acq: 10 Apr 2023 18:52

Tgt Ion:180 Resp: 265836

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 31.4 16.4 49.4

