

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075615.D
 Acq On : 10 Apr 2023 19:21
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 12 09:57:03 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	244428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	401797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	198341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	268515	133.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 267.820%#	
35) Dibromofluoromethane	7.804	113	360619	153.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 306.280%#	
50) Toluene-d8	10.269	98	1410160	152.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 305.360%#	
62) 4-Bromofluorobenzene	12.575	95	414144	152.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 304.820%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	229757	133.051	ug/l	97
3) Chloromethane	2.146	50	363654	121.100	ug/l	97
4) Vinyl Chloride	2.281	62	537297	127.806	ug/l	99
5) Bromomethane	2.675	94	460996	137.706	ug/l	98
6) Chloroethane	2.828	64	387811	131.505	ug/l	98
7) Trichlorofluoromethane	3.175	101	491780	137.131	ug/l	98
8) Diethyl Ether	3.593	74	157634	142.314	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.963	101	331779	140.551	ug/l	95
10) Methyl Iodide	4.158	142	441484	156.418	ug/l	90
11) Tert butyl alcohol	5.058	59	61417	647.875	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	328813	145.122	ug/l	86
13) Acrolein	3.793	56	91258	740.694	ug/l	96
14) Allyl chloride	4.563	41	294484	144.012	ug/l #	80
15) Acrylonitrile	5.252	53	283062	666.880	ug/l	98
16) Acetone	4.022	43	235785	645.344	ug/l #	79
17) Carbon Disulfide	4.269	76	803464	137.009	ug/l	99
18) Methyl Acetate	4.563	43	146583	132.934	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	686414	143.342	ug/l	97
20) Methylene Chloride	4.799	84	395105	145.914	ug/l #	72
21) trans-1,2-Dichloroethene	5.310	96	383018	143.214	ug/l #	74
22) Diisopropyl ether	6.216	45	700967	139.743	ug/l #	86
23) Vinyl Acetate	6.157	43	1756368	746.026	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	559218	135.002	ug/l #	96
25) 2-Butanone	7.081	43	315510	665.411	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	522965	137.623	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	461563	146.576	ug/l	78
28) Bromochloromethane	7.428	49	186114	131.499	ug/l #	33
29) Tetrahydrofuran	7.446	42	174604	695.376	ug/l #	49
30) Chloroform	7.599	83	646222	137.133	ug/l	96
31) Cyclohexane	7.875	56	393041	134.730	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	545809	139.177	ug/l	93
36) 1,1-Dichloropropene	8.010	75	462677	153.849	ug/l	92
37) Ethyl Acetate	7.169	43	133679	147.848	ug/l #	76
38) Carbon Tetrachloride	7.993	117	450327	156.148	ug/l	97
39) Methylcyclohexane	9.275	83	574971	160.562	ug/l #	86
40) Benzene	8.251	78	1456697	150.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	82099	165.804	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	316527	140.582	ug/l	89
43) Isopropyl Acetate	8.363	43	259448	150.316	ug/l #	77
44) Trichloroethene	9.028	130	423461	149.190	ug/l	91
45) 1,2-Dichloropropane	9.304	63	323904	143.284	ug/l	92
46) Dibromomethane	9.393	93	204724	145.860	ug/l	94
47) Bromodichloromethane	9.587	83	490342	144.464	ug/l	97
48) Methyl methacrylate	9.381	41	120222	153.697	ug/l #	57
49) 1,4-Dioxane	9.387	88	37221	2925.451	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	672977	724.295	ug/l #	76
52) Toluene	10.334	92	979855	149.714	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	456300	148.314	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	563338	150.593	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	293828	141.960	ug/l	93
56) Ethyl methacrylate	10.598	69	310305	155.541	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	447445	143.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	748689	776.195	ug/l #	84
59) 2-Hexanone	10.922	43	474955	725.593	ug/l	68
60) Dibromochloromethane	11.075	129	358837	145.205	ug/l	99
61) 1,2-Dibromoethane	11.181	107	278061	140.562	ug/l	97
64) Tetrachloroethene	10.810	164	353784	155.434	ug/l	98
65) Chlorobenzene	11.610	112	1092834	148.774	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	392010	150.909	ug/l	96
67) Ethyl Benzene	11.687	91	1884625	155.502	ug/l	93
68) m/p-Xylenes	11.792	106	1556649	311.837	ug/l	88
69) o-Xylene	12.122	106	731992	162.887	ug/l	89
70) Styrene	12.134	104	1236795	160.479	ug/l	93
71) Bromoform	12.298	173	208316	155.154	ug/l #	99
73) Isopropylbenzene	12.422	105	1829324	148.629	ug/l	97
74) N-amyl acetate	12.234	43	238133	137.951	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	300983	130.738	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	160664m	103.504	ug/l	
77) Bromobenzene	12.704	156	456235	146.856	ug/l	83
78) n-propylbenzene	12.763	91	2132433	144.099	ug/l	95
79) 2-Chlorotoluene	12.851	91	1156044	141.245	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	1478897	146.714	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	90928	134.254	ug/l #	70
82) 4-Chlorotoluene	12.945	91	1172924	138.148	ug/l	90
83) tert-Butylbenzene	13.169	119	1330236	151.988	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1485884	145.971	ug/l	94
85) sec-Butylbenzene	13.345	105	1944365	145.373	ug/l	96
86) p-Isopropyltoluene	13.463	119	1726759	153.585	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	956015	147.367	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	933757	145.537	ug/l	96
89) n-Butylbenzene	13.786	91	1602827	156.799	ug/l	97
90) Hexachloroethane	14.057	117	316938	149.026	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	854877	152.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37360	129.730	ug/l	59
93) 1,2,4-Trichlorobenzene	15.098	180	474323	159.927	ug/l	98
94) Hexachlorobutadiene	15.204	225	216376	154.018	ug/l	98
95) Naphthalene	15.333	128	926420	164.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	406755	154.789	ug/l	99

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ClientSampleId :
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QLast Update : Wed Apr 12 09:55:43 2023
Response via : Initial Calibration

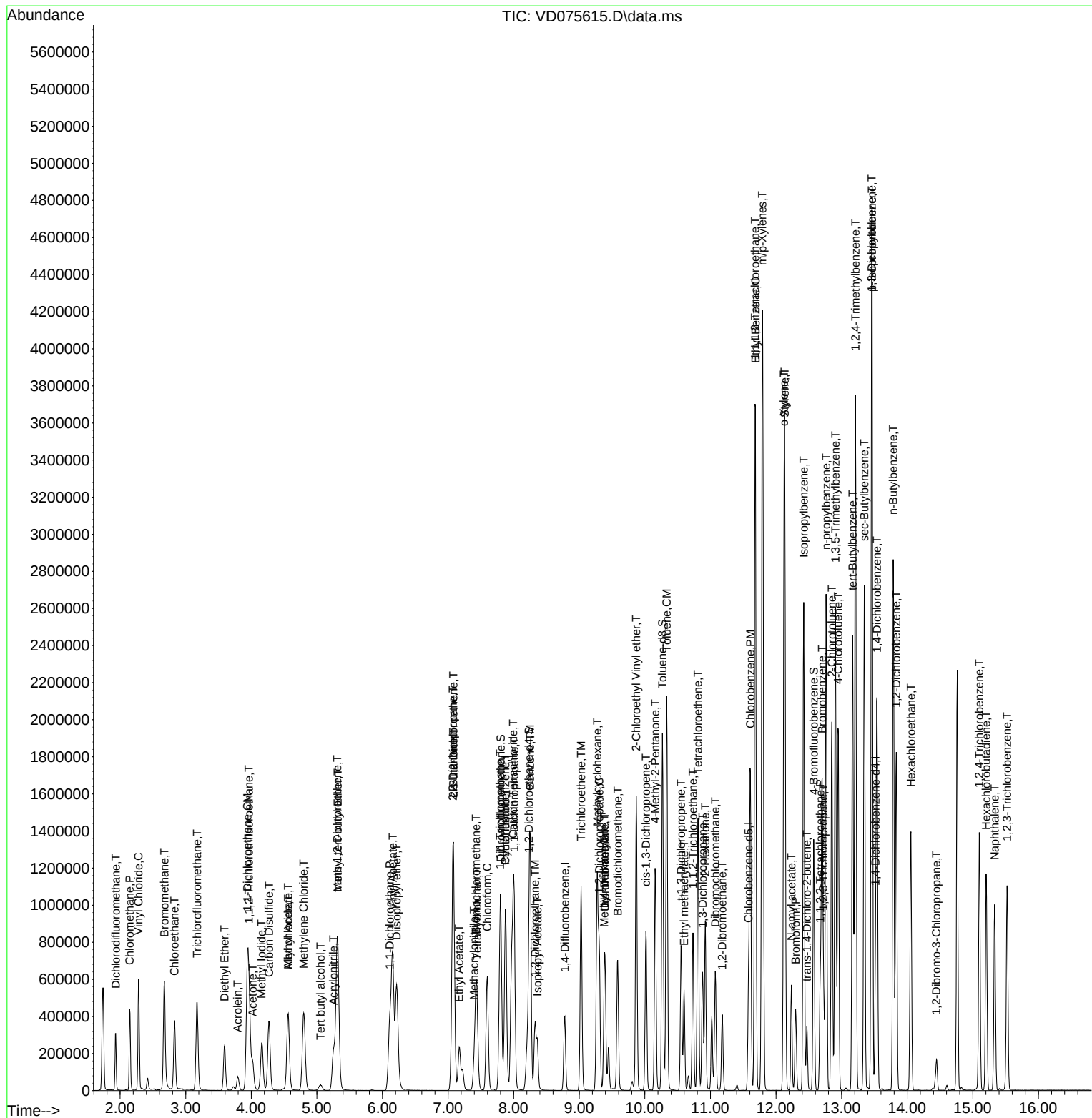
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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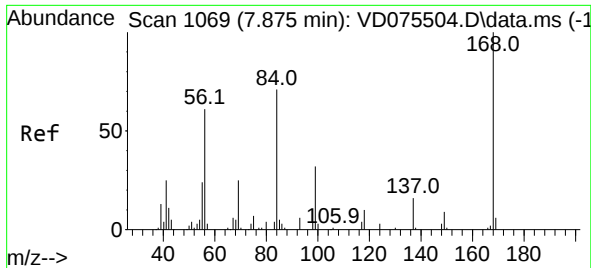
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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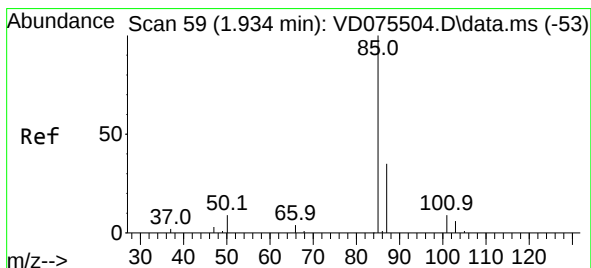
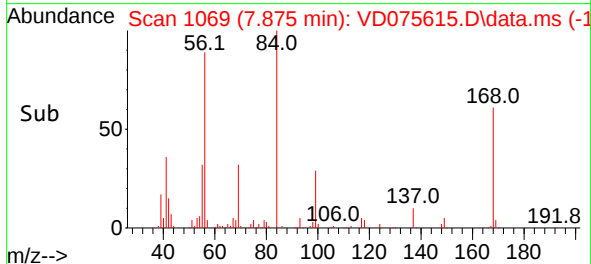
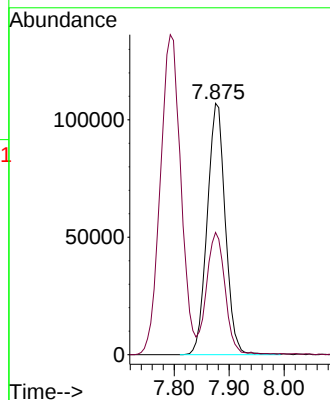
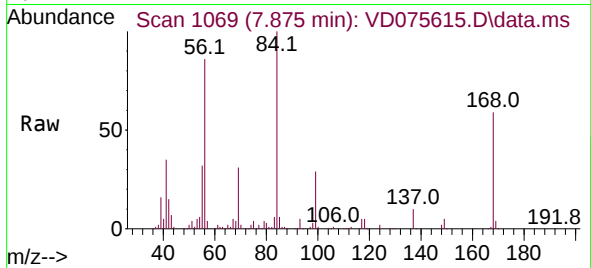




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075615.D
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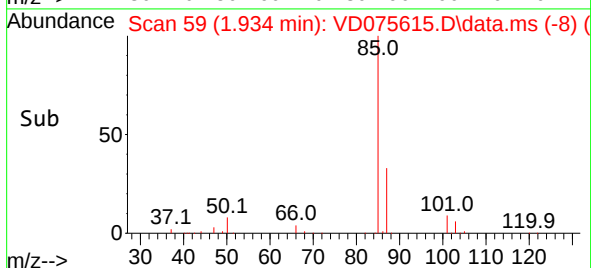
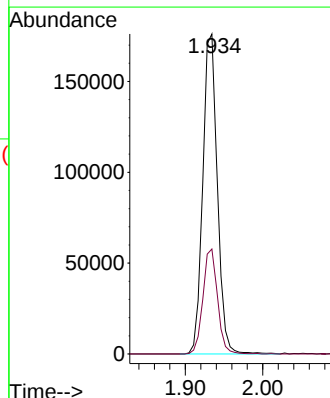
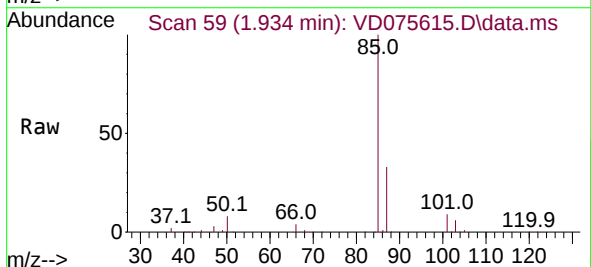
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

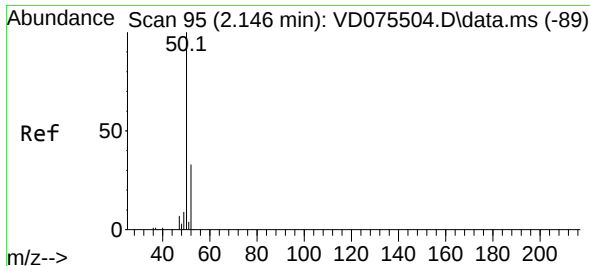
Tgt Ion:168 Resp: 244428
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 133.051 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 85 Resp: 229757
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7

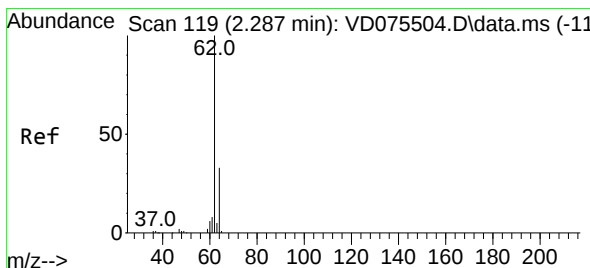
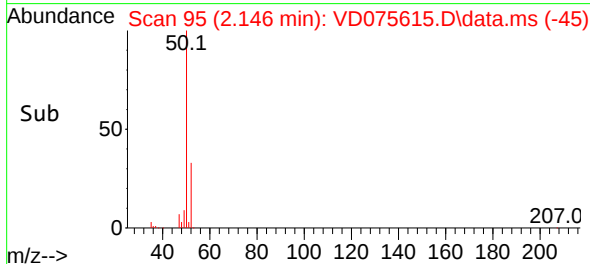
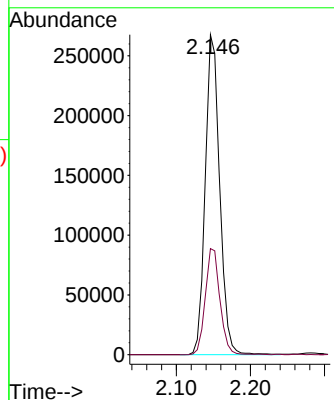
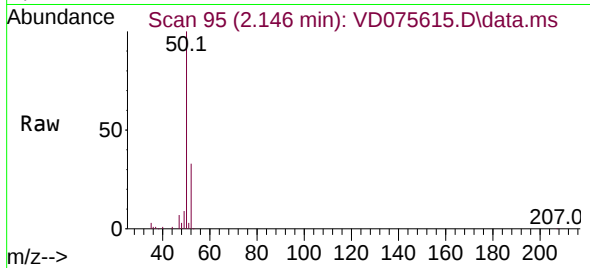




#3
Chloromethane
Concen: 121.100 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

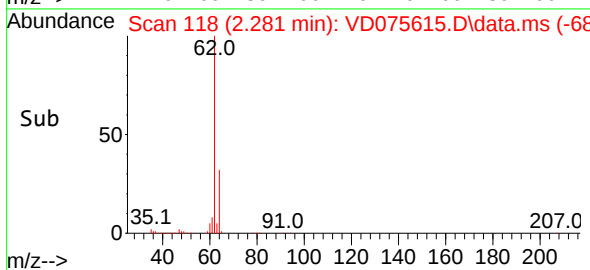
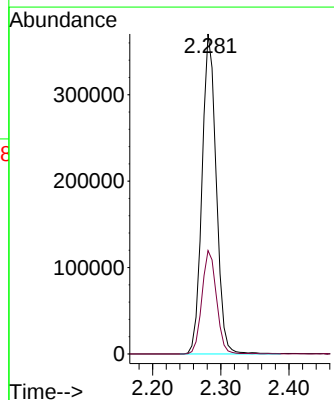
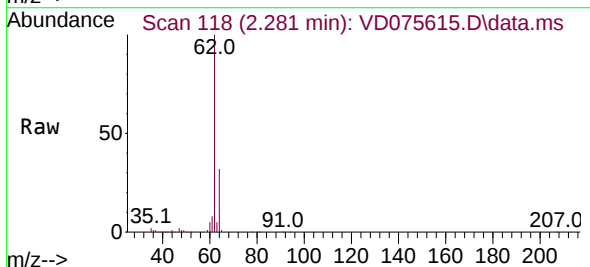
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ClientSampleId :
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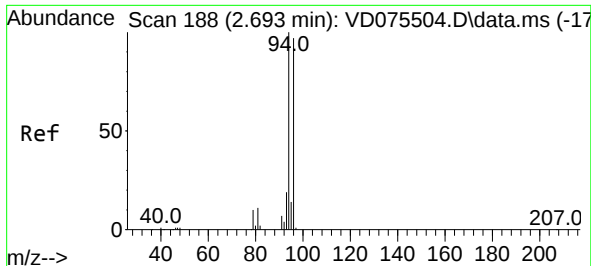
Tgt Ion: 50 Resp: 363654
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8



#4
Vinyl Chloride
Concen: 127.806 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 62 Resp: 537297
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

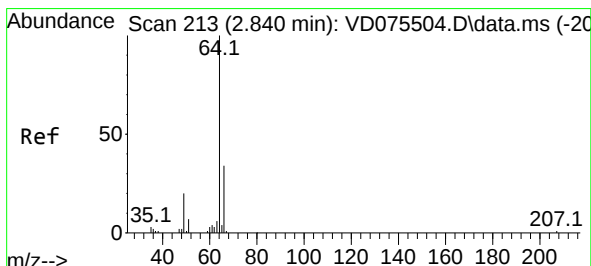
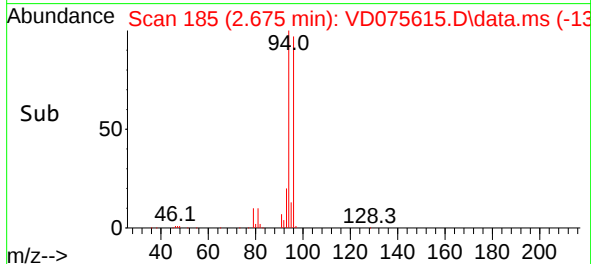
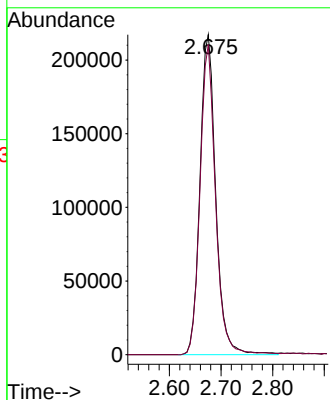
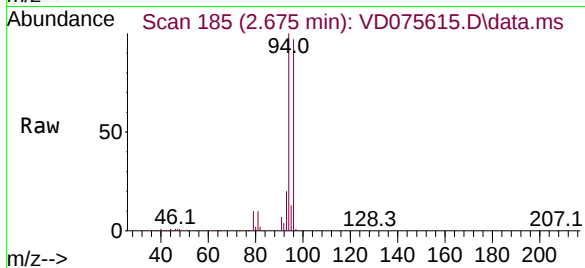




#5
Bromomethane
Concen: 137.706 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075615.D
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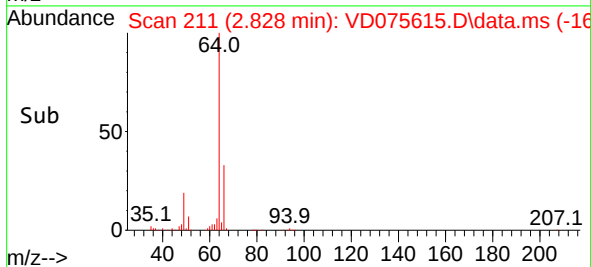
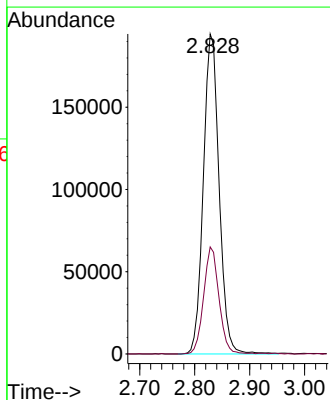
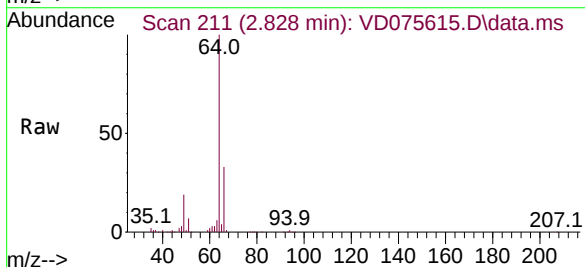
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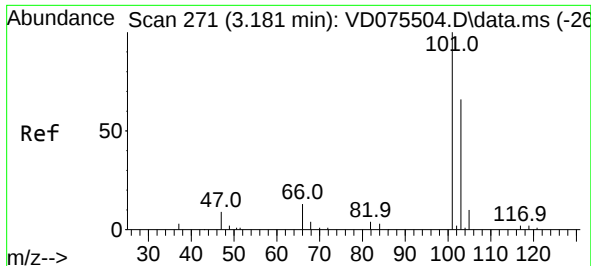
Tgt Ion: 94 Resp: 460996
Ion Ratio Lower Upper
94 100
96 95.1 77.5 116.3



#6
Chloroethane
Concen: 131.505 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 64 Resp: 387811
Ion Ratio Lower Upper
64 100
66 33.4 27.7 41.5

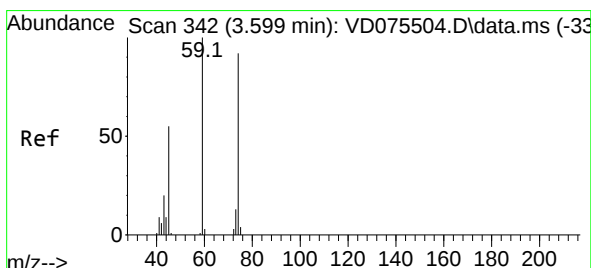
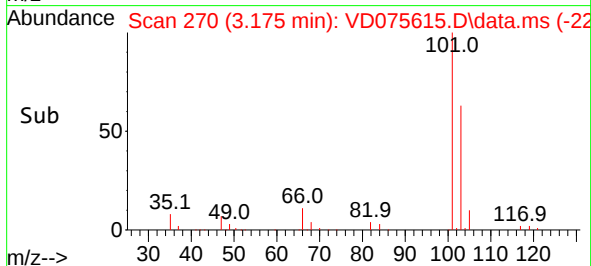
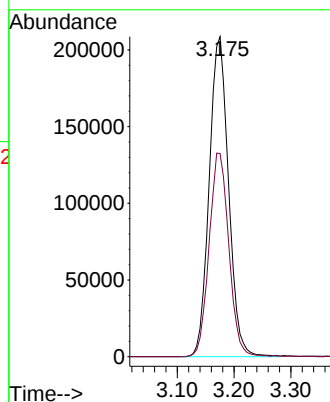
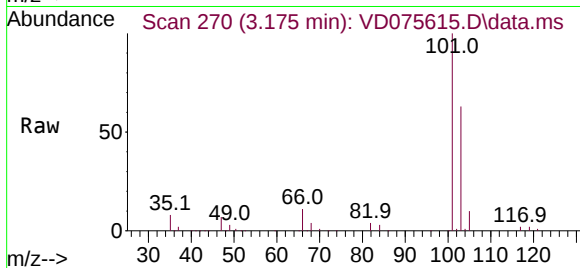




#7
Trichlorofluoromethane
Concen: 137.131 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

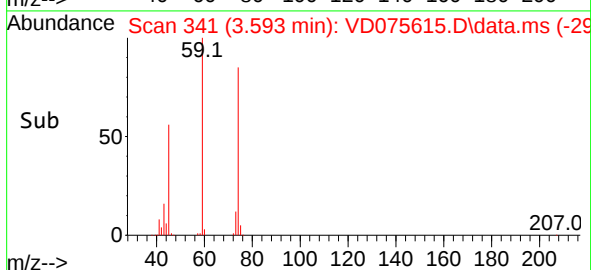
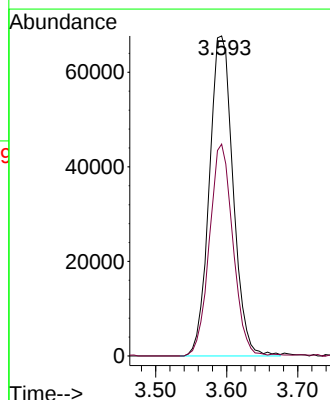
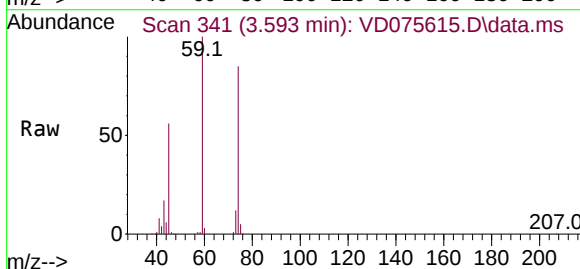
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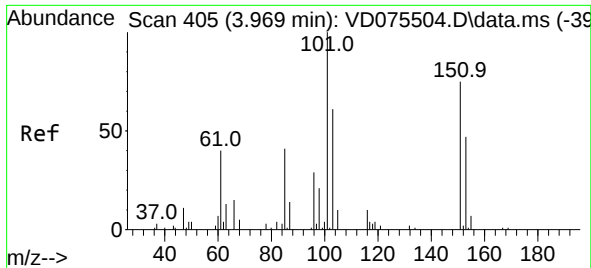
Tgt Ion:101 Resp: 491780
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9



#8
Diethyl Ether
Concen: 142.314 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 74 Resp: 157634
Ion Ratio Lower Upper
74 100
45 65.1 50.9 152.7

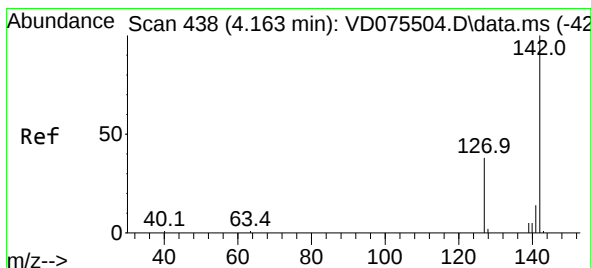
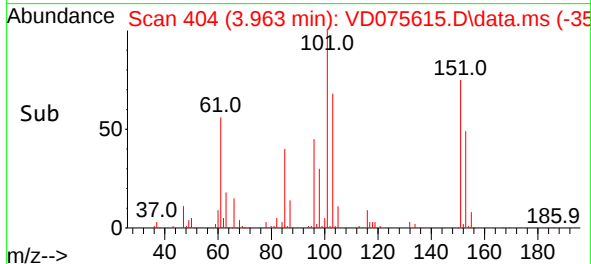
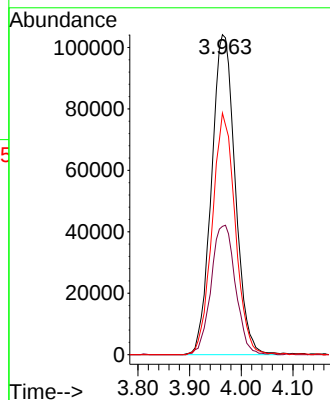
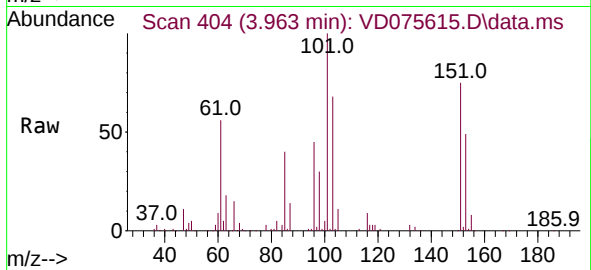




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.551 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

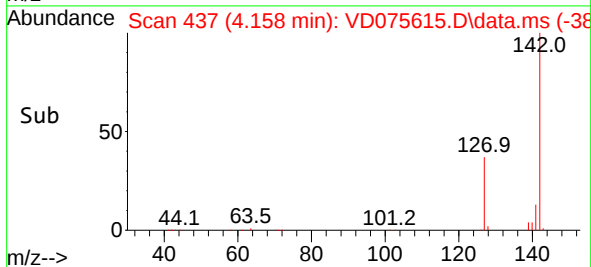
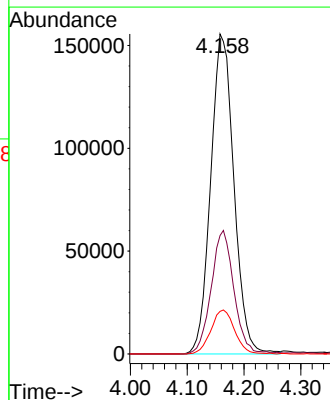
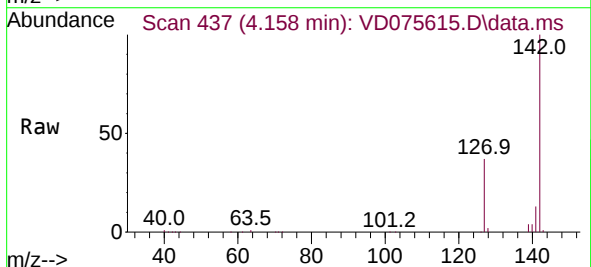
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

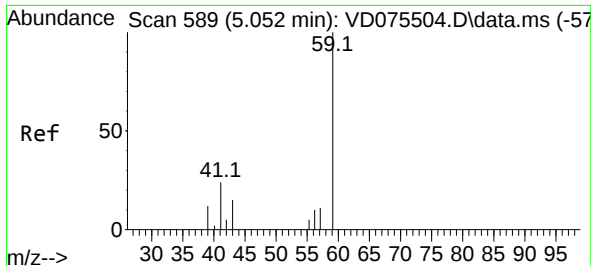
Tgt Ion:101 Resp: 331779
Ion Ratio Lower Upper
101 100
85 41.5 38.3 57.5
151 73.2 60.4 90.6



#10
Methyl Iodide
Concen: 156.418 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:142 Resp: 441484
Ion Ratio Lower Upper
142 100
127 37.8 37.1 55.7
141 14.1 11.3 16.9

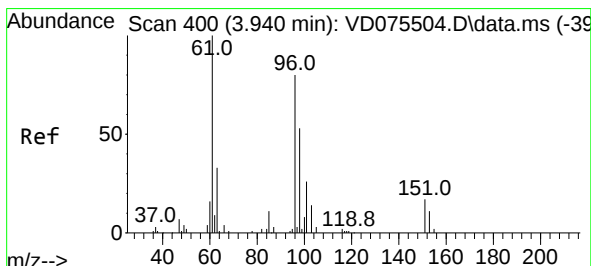
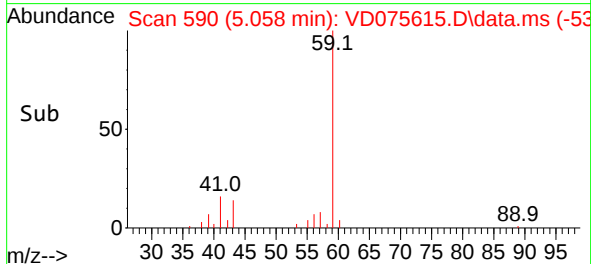
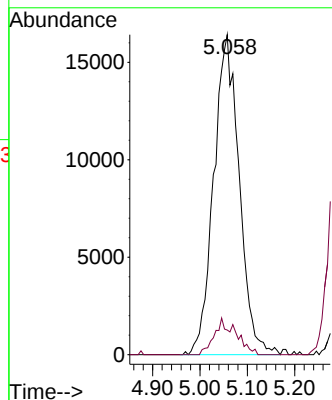
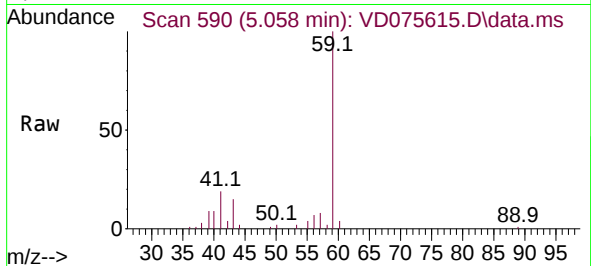




#11
Tert butyl alcohol
Concen: 647.875 ug/l
RT: 5.058 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

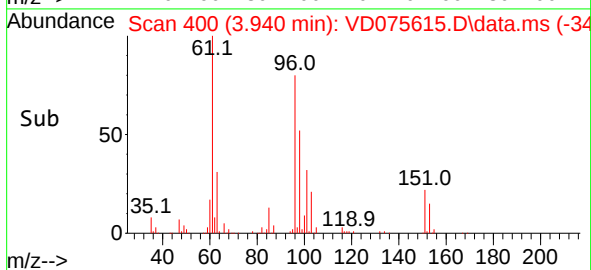
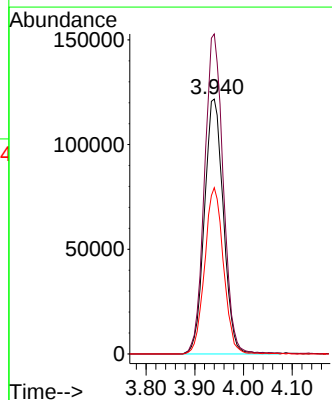
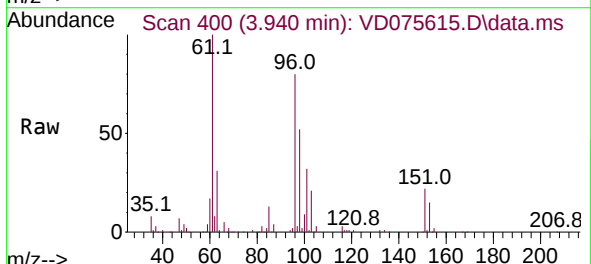
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

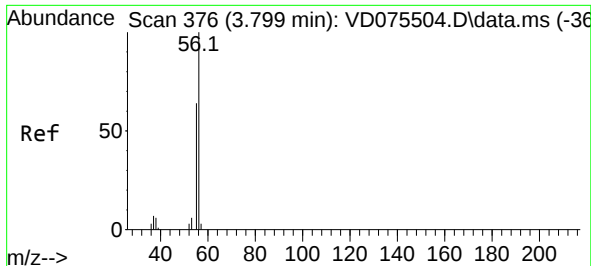
Tgt Ion: 59 Resp: 61417
Ion Ratio Lower Upper
59 100
57 6.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 145.122 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 96 Resp: 328813
Ion Ratio Lower Upper
96 100
61 125.6 118.6 177.8
98 65.3 49.7 74.5





#13

Acrolein

Concen: 740.694 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

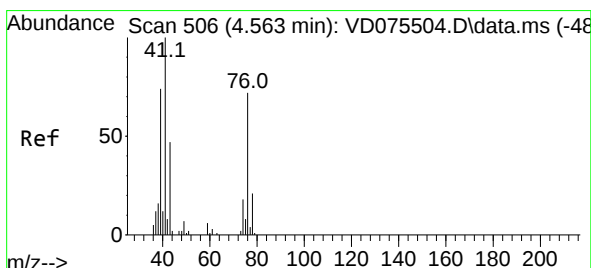
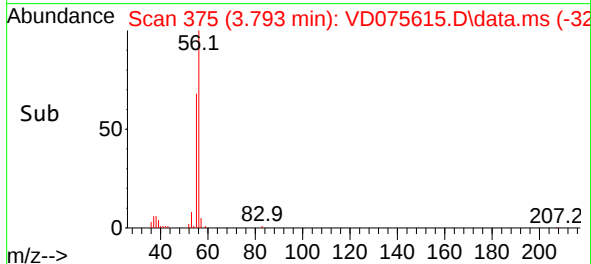
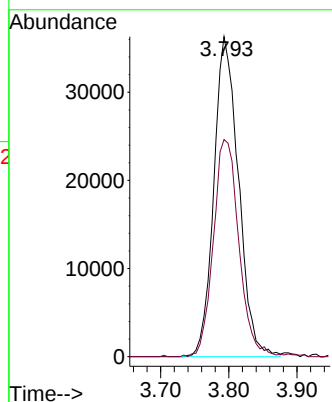
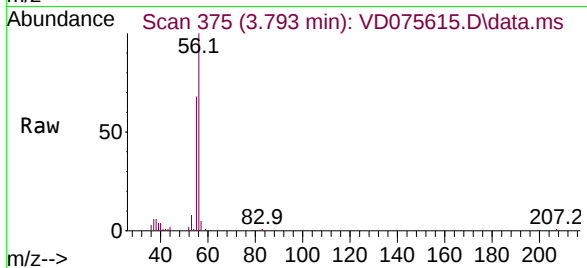
VSTDICC150

Tgt Ion: 56 Resp: 91258

Ion Ratio Lower Upper

56 100

55 70.4 53.9 80.9



#14

Allyl chloride

Concen: 144.012 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

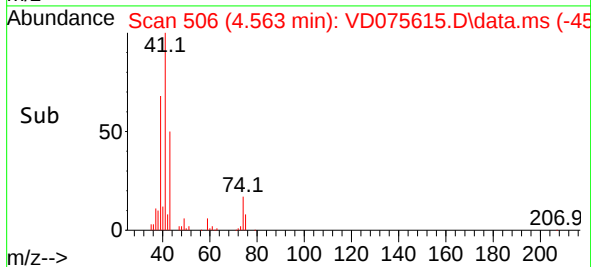
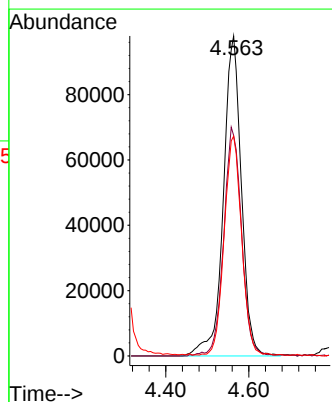
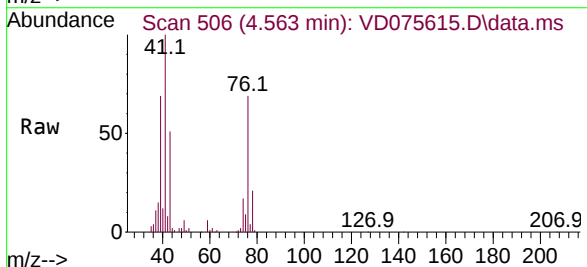
Tgt Ion: 41 Resp: 294484

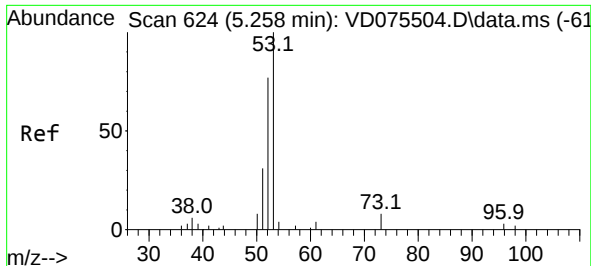
Ion Ratio Lower Upper

41 100

39 70.8 60.6 90.8

76 66.0 28.6 43.0#

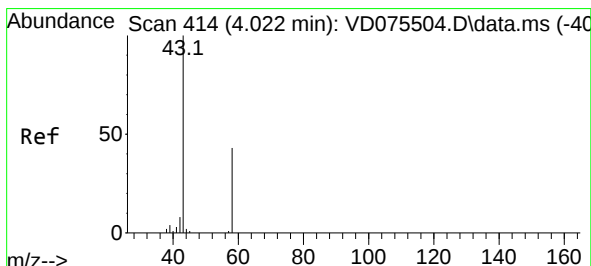
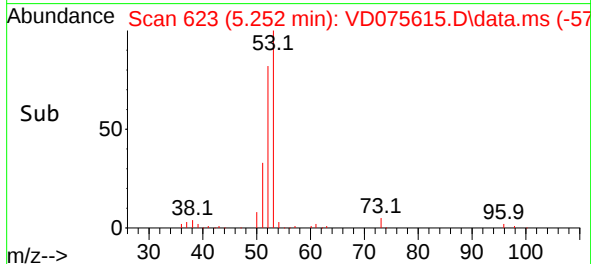
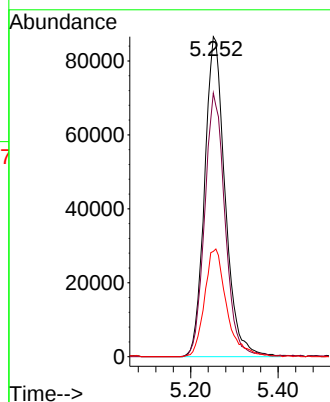
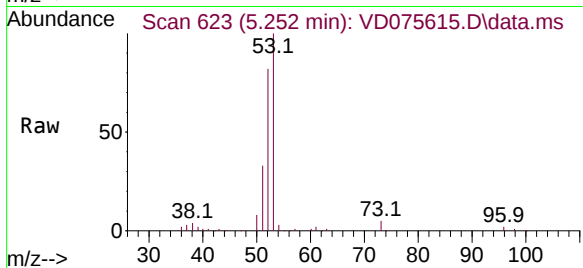




#15
Acrylonitrile
Concen: 666.880 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

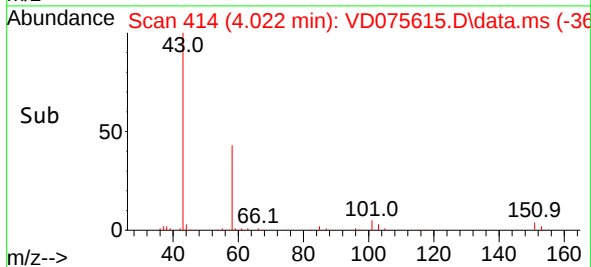
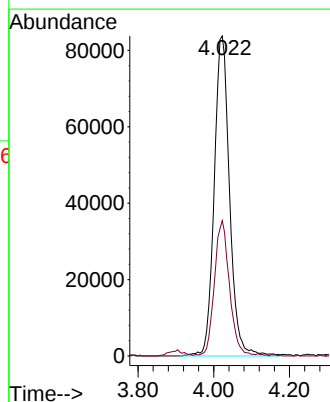
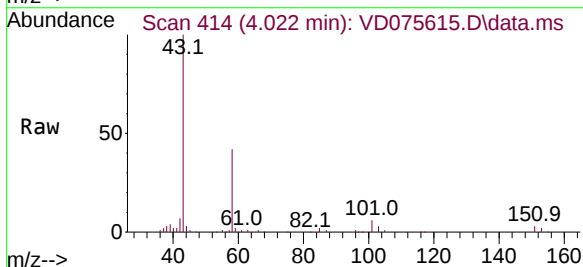
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

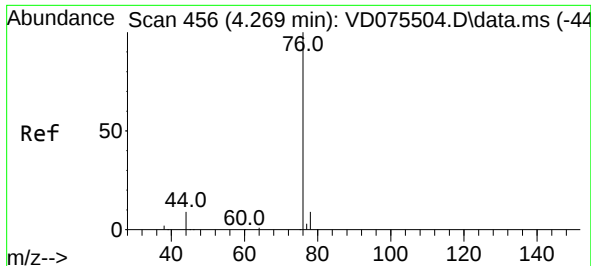
Tgt Ion: 53 Resp: 283062
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 36.2 30.7 46.1



#16
Acetone
Concen: 645.344 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 235785
Ion Ratio Lower Upper
43 100
58 42.0 24.4 36.6#

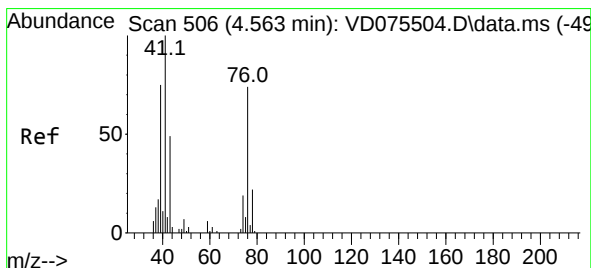
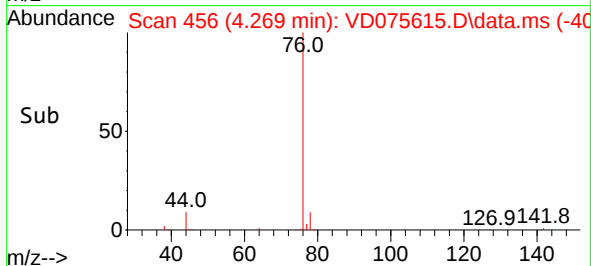
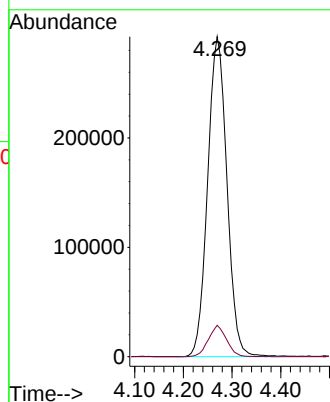
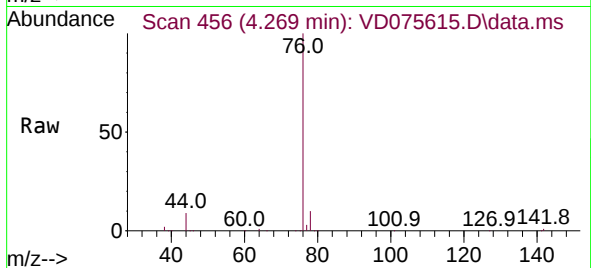




#17
Carbon Disulfide
Concen: 137.009 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

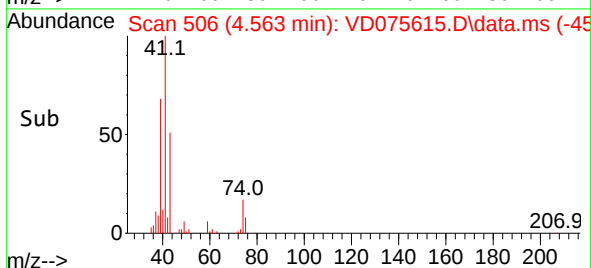
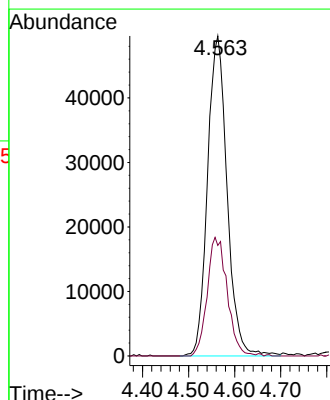
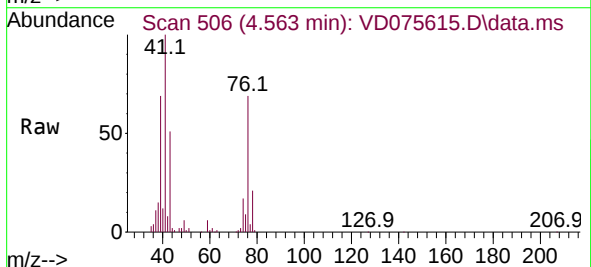
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

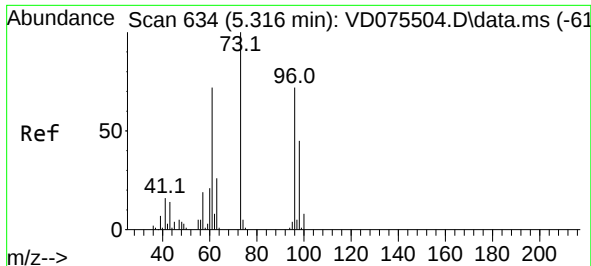
Tgt Ion: 76 Resp: 803464
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0



#18
Methyl Acetate
Concen: 132.934 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 146583
Ion Ratio Lower Upper
43 100
74 37.7 17.8 26.6#

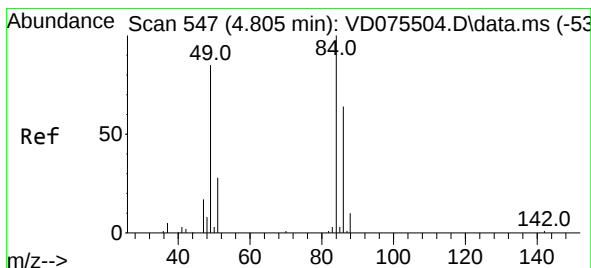
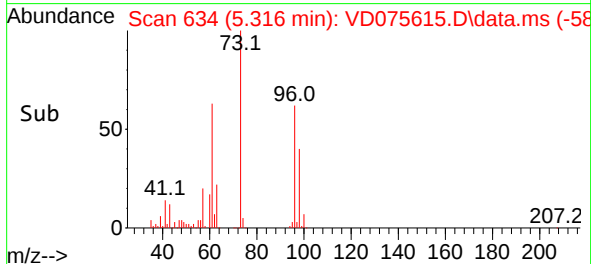
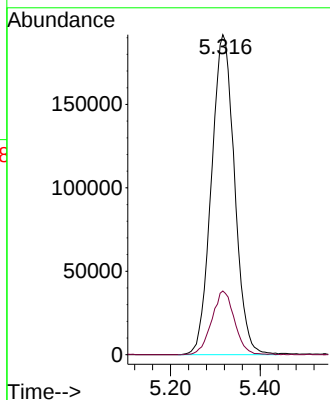
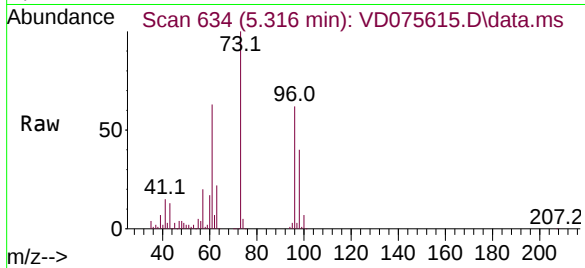




#19
Methyl tert-butyl Ether
Concen: 143.342 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

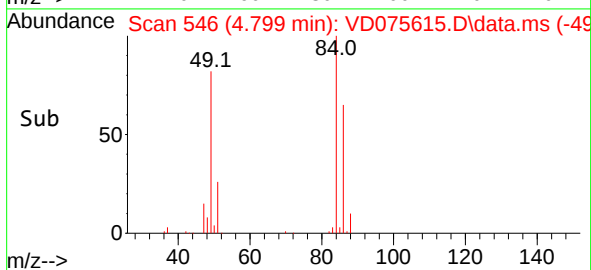
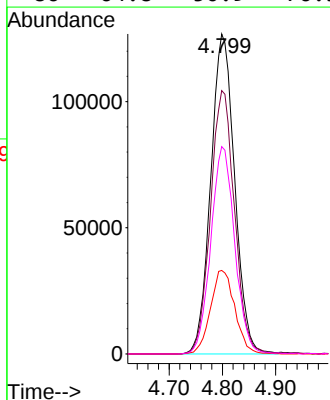
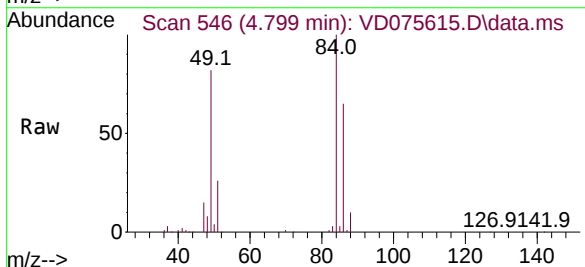
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

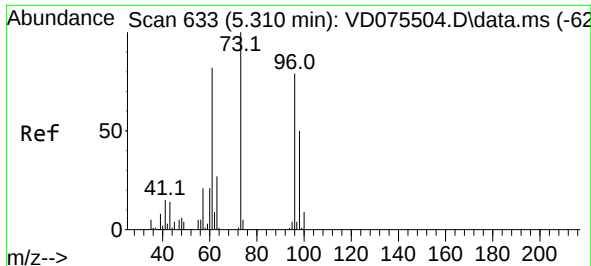
Tgt Ion: 73 Resp: 686414
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8



#20
Methylene Chloride
Concen: 145.914 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 84 Resp: 395105
Ion Ratio Lower Upper
84 100
49 82.3 106.4 159.6#
51 26.1 32.4 48.6#
86 64.8 50.9 76.3

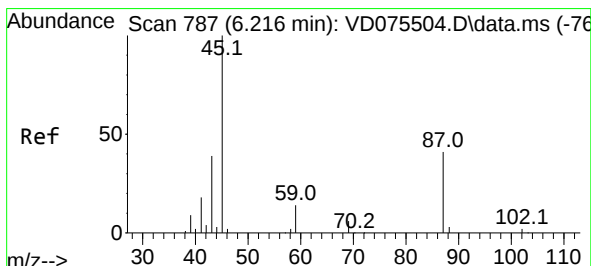
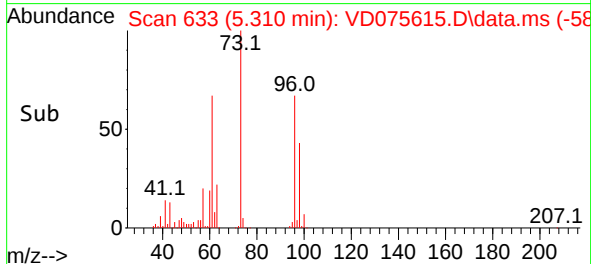
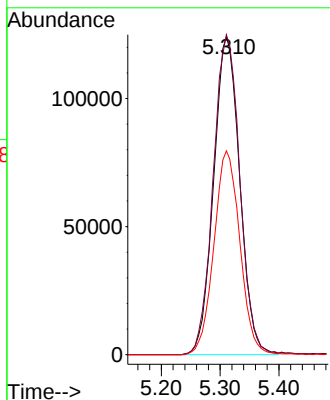
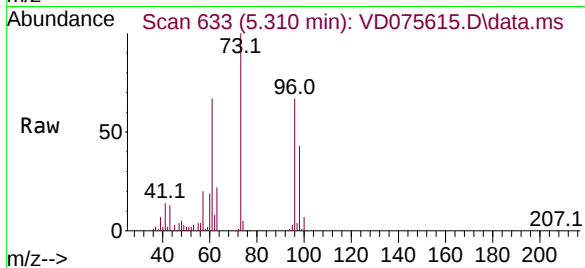




#21
trans-1,2-Dichloroethene
Concen: 143.214 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

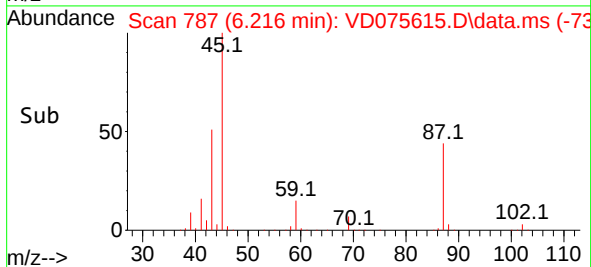
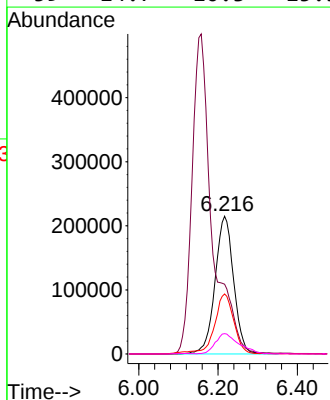
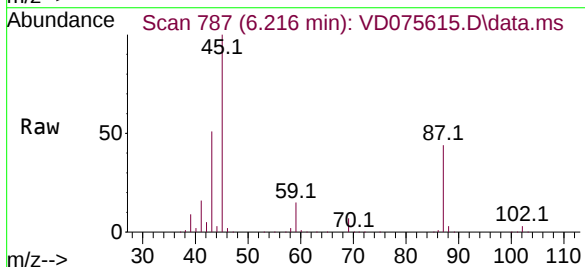
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

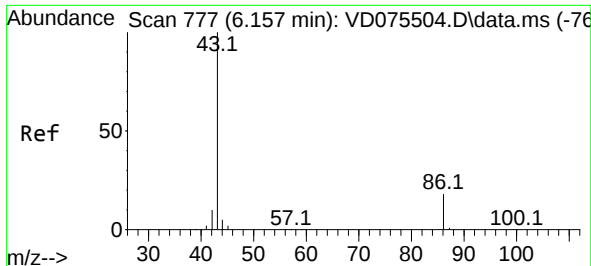
Tgt Ion: 96 Resp: 383018
Ion Ratio Lower Upper
96 100
61 100.7 117.2 175.8#
98 64.1 50.6 76.0



#22
Diisopropyl ether
Concen: 139.743 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 45 Resp: 700967
Ion Ratio Lower Upper
45 100
43 50.0 44.4 66.6
87 43.4 20.9 31.3#
59 14.7 10.3 15.5

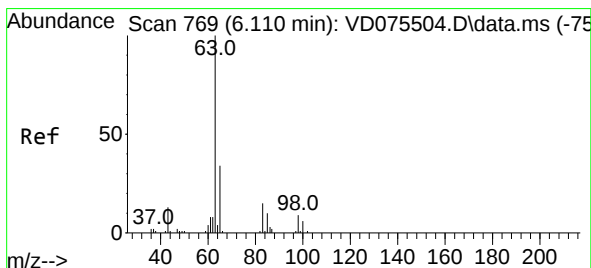
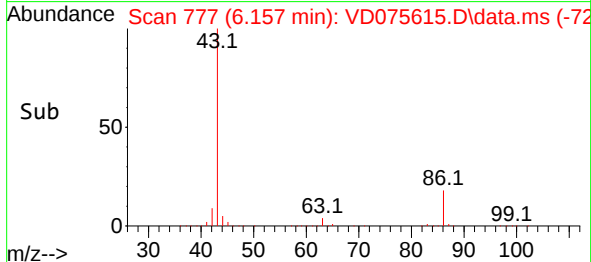
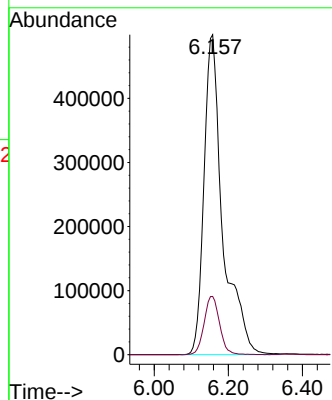
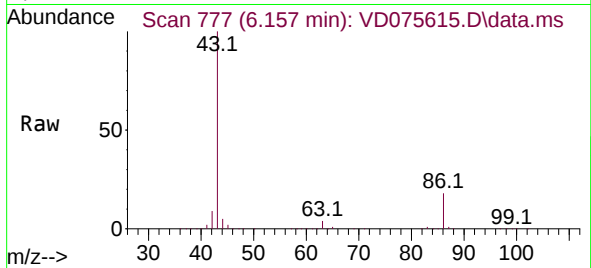




#23
 Vinyl Acetate
 Concen: 746.026 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

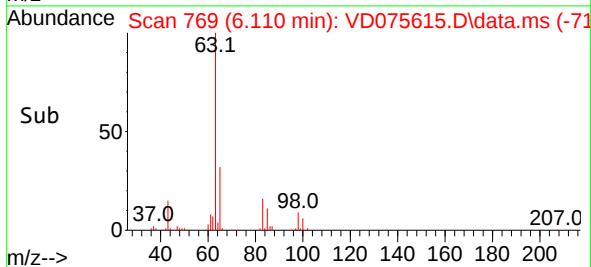
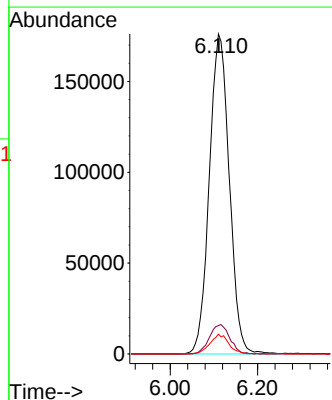
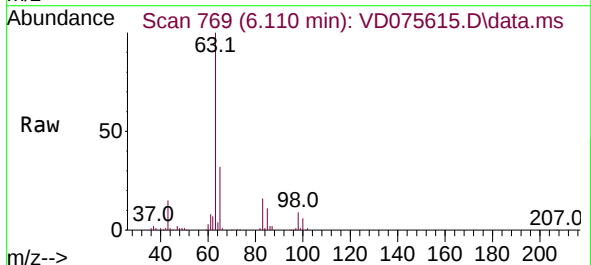
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

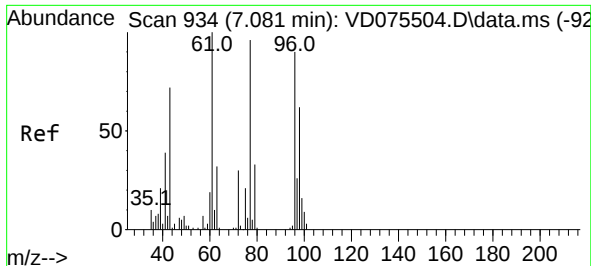
Tgt Ion: 43 Resp: 1756368
 Ion Ratio Lower Upper
 43 100
 86 18.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 135.002 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 63 Resp: 559218
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 6.2 2.0 6.0#

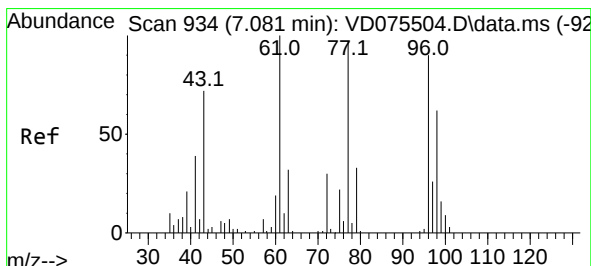
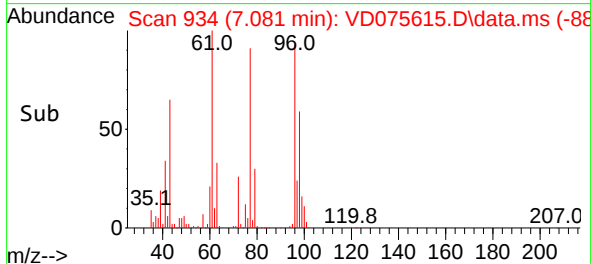
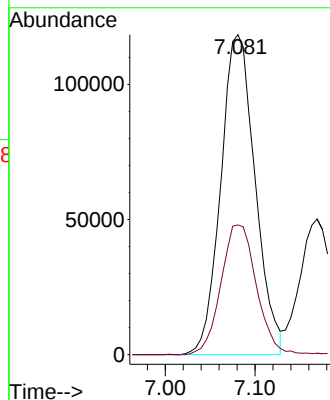
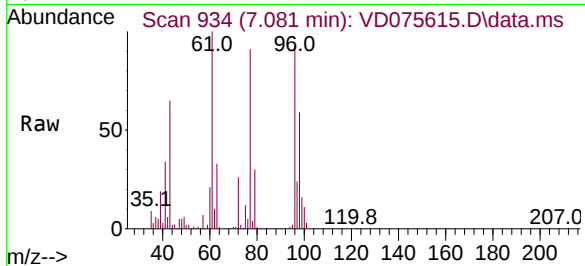




#25
2-Butanone
Concen: 665.411 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

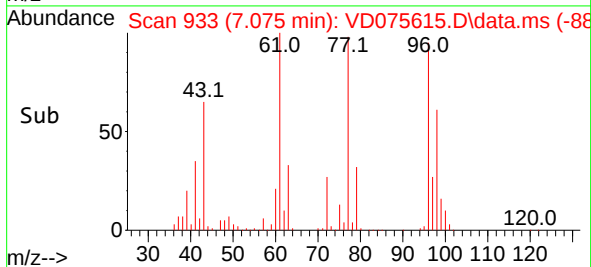
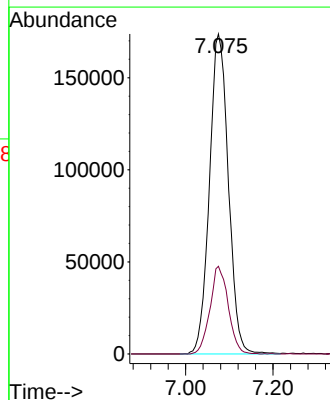
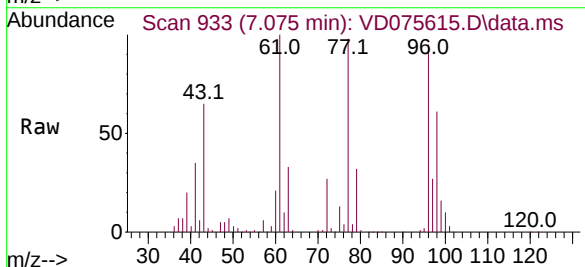
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

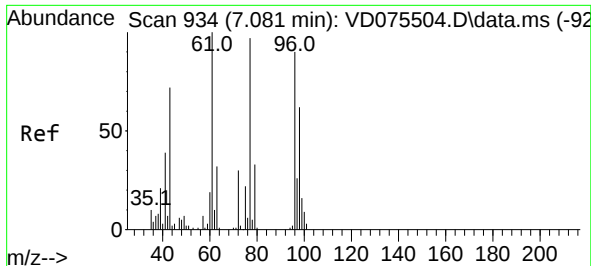
Tgt Ion: 43 Resp: 315510
Ion Ratio Lower Upper
43 100
72 40.5 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 137.623 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 77 Resp: 522965
Ion Ratio Lower Upper
77 100
97 26.4 11.1 33.1

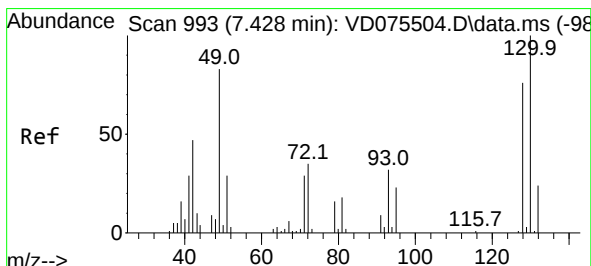
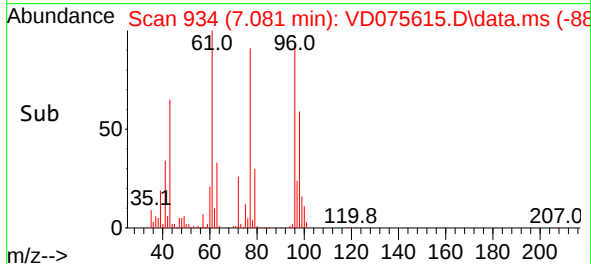
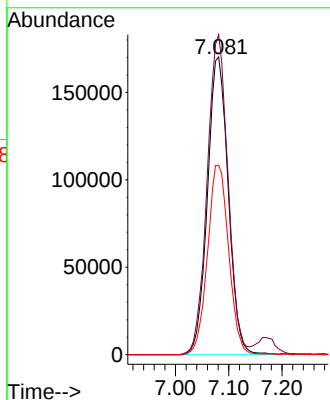
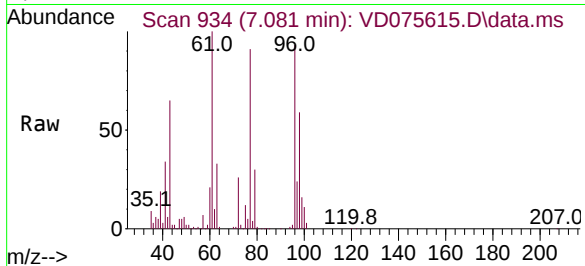




#27
 cis-1,2-Dichloroethene
 Concen: 146.576 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

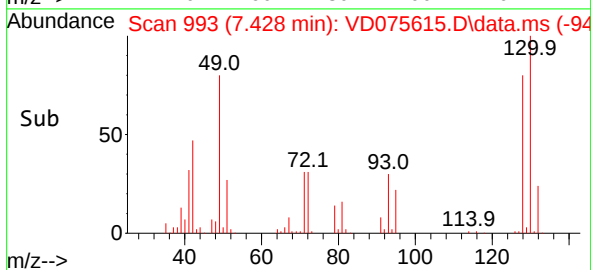
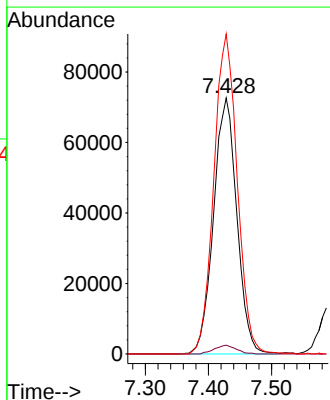
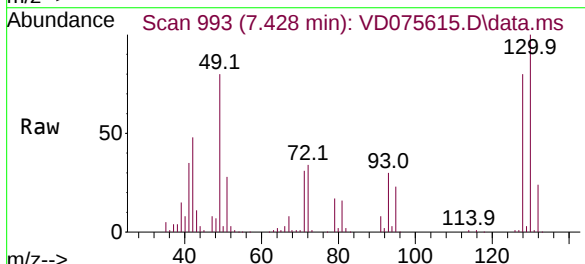
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

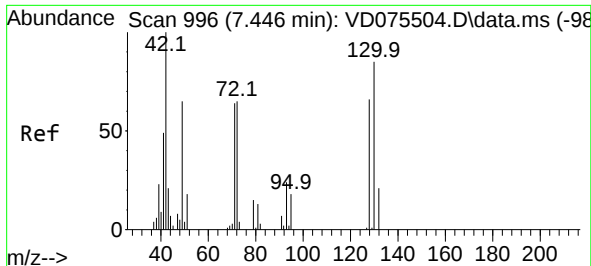
Tgt Ion: 96 Resp: 461563
 Ion Ratio Lower Upper
 96 100
 61 108.1 0.0 295.2
 98 64.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 131.499 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 49 Resp: 186114
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 2.2#
 130 125.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 695.376 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

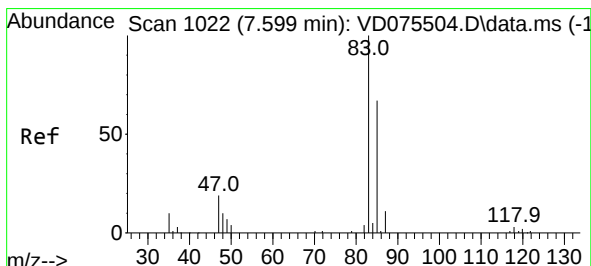
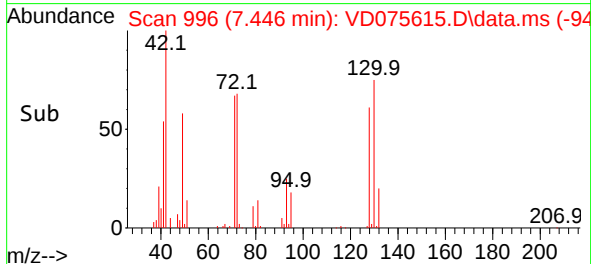
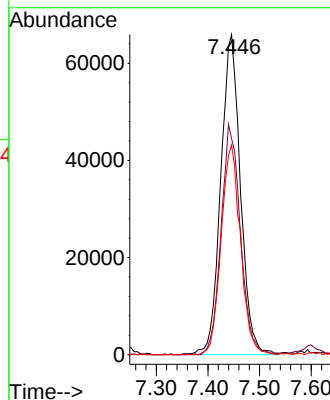
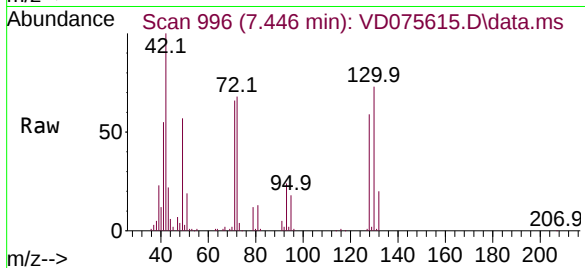
Tgt Ion: 42 Resp: 174604

Ion Ratio Lower Upper

42 100

72 70.4 31.8 47.6#

71 64.2 27.6 41.4#



#30

Chloroform

Concen: 137.133 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075615.D

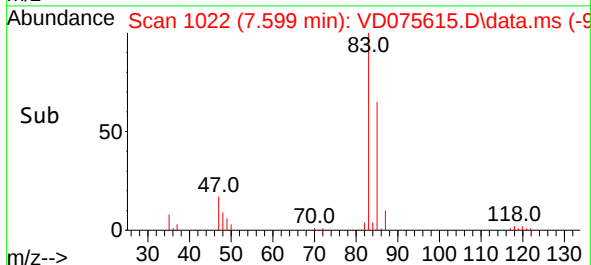
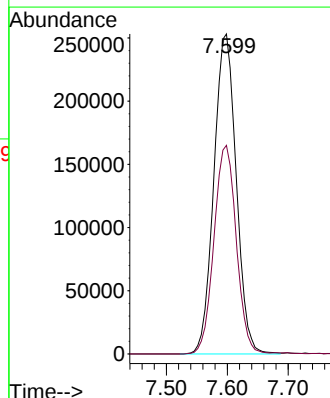
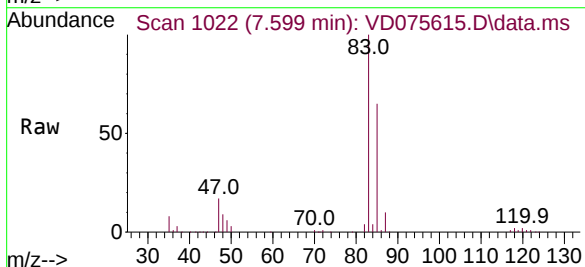
Acq: 10 Apr 2023 19:21

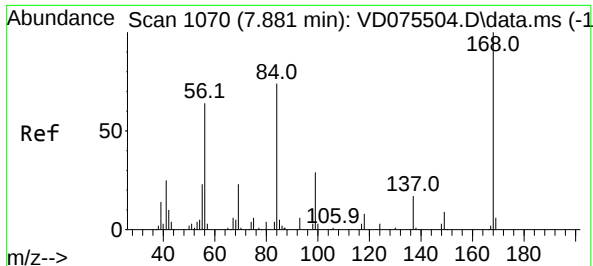
Tgt Ion: 83 Resp: 646222

Ion Ratio Lower Upper

83 100

85 65.2 49.4 74.2





#31

Cyclohexane

Concen: 134.730 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

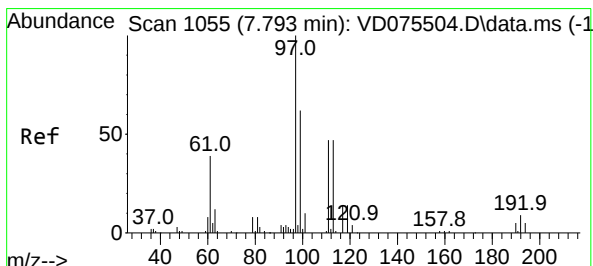
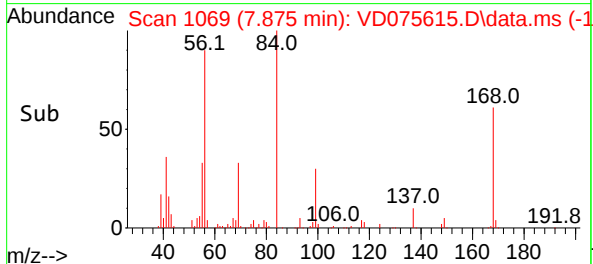
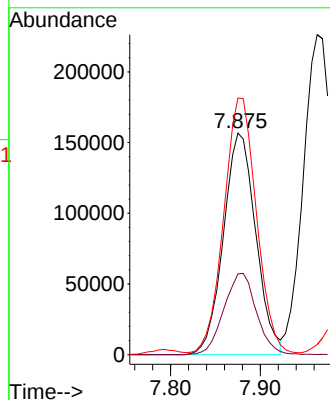
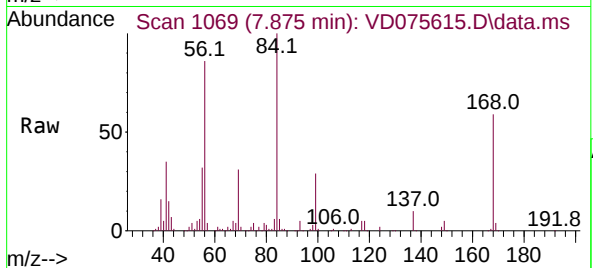
Tgt Ion: 56 Resp: 393041

Ion Ratio Lower Upper

56 100

69 36.5 25.5 38.3

84 114.6 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 139.177 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

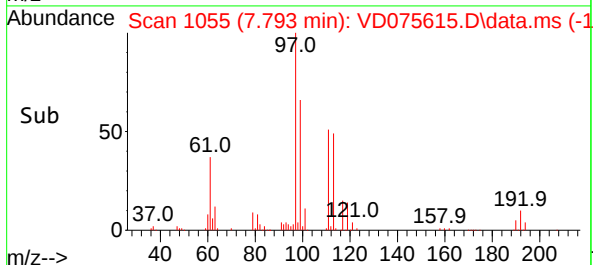
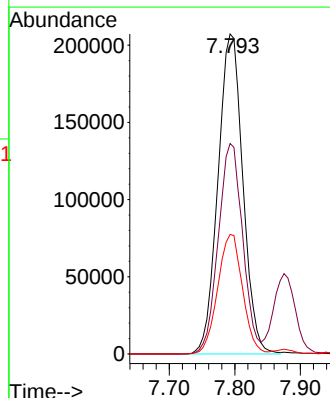
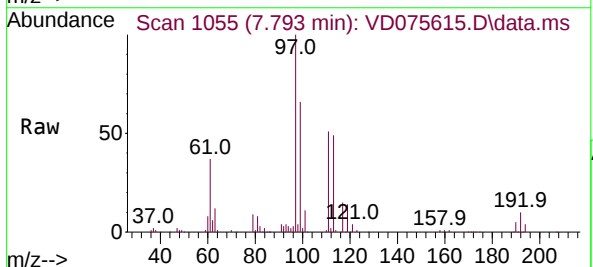
Tgt Ion: 97 Resp: 545809

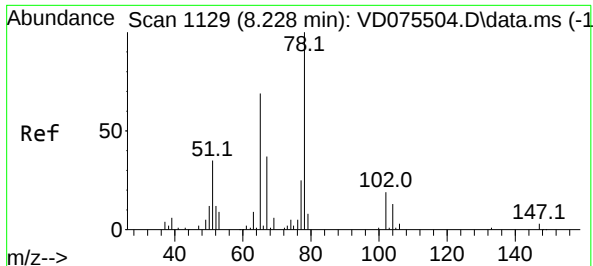
Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 37.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 133.911 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

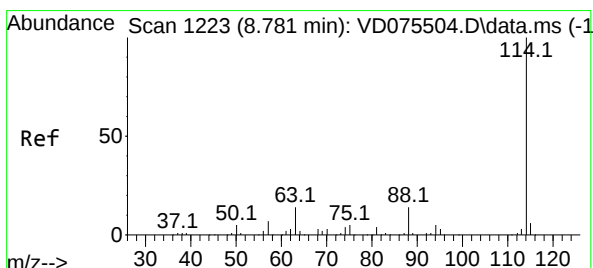
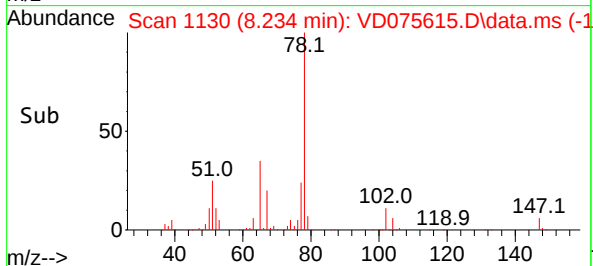
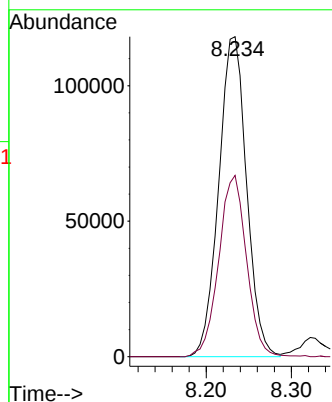
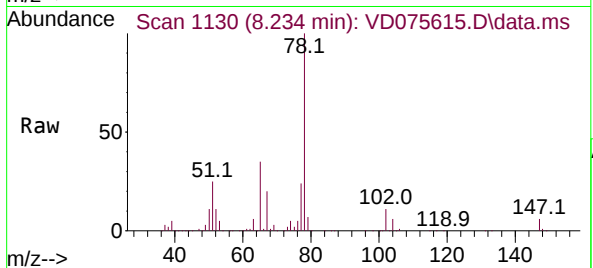
VSTDIC150

Tgt Ion: 65 Resp: 268515

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

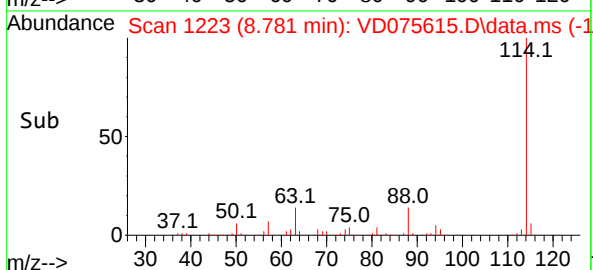
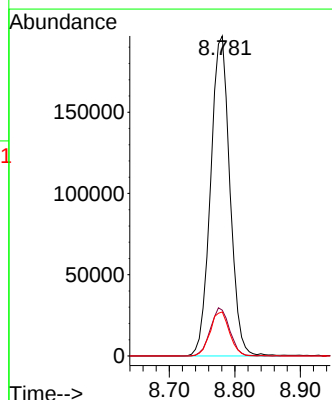
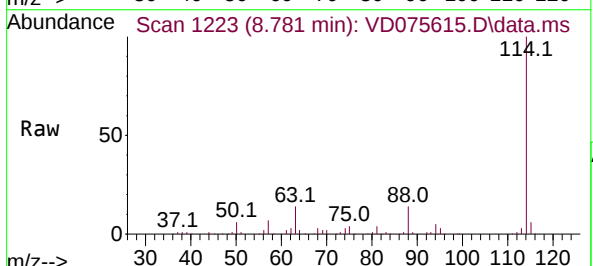
Tgt Ion: 114 Resp: 401797

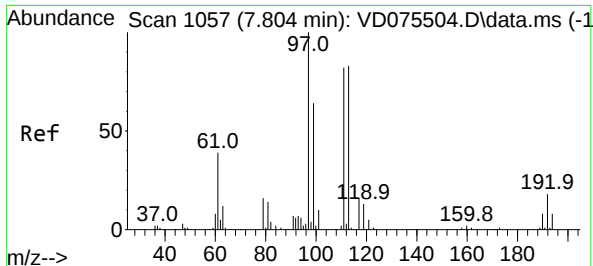
Ion Ratio Lower Upper

114 100

63 14.3 0.0 41.6

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 153.145 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

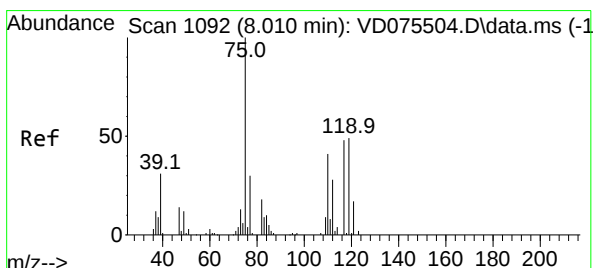
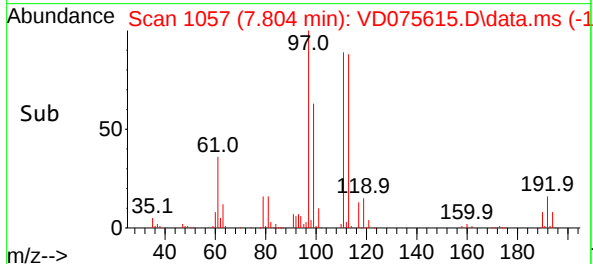
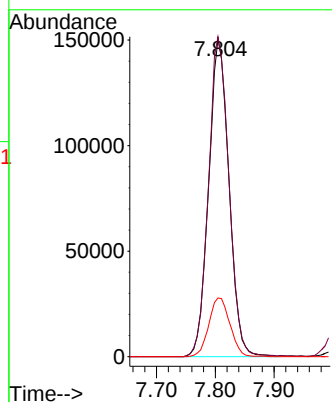
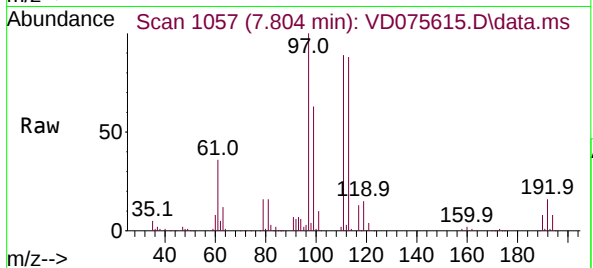
Tgt Ion:113 Resp: 360619

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 153.849 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

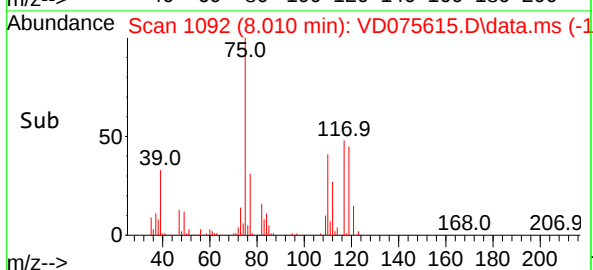
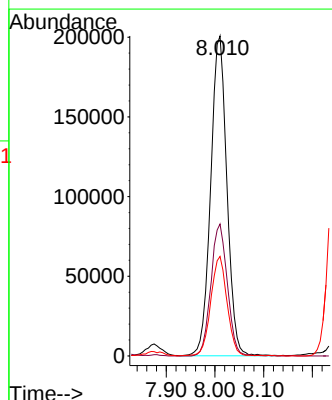
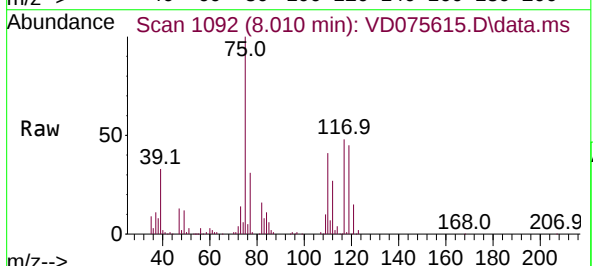
Tgt Ion: 75 Resp: 462677

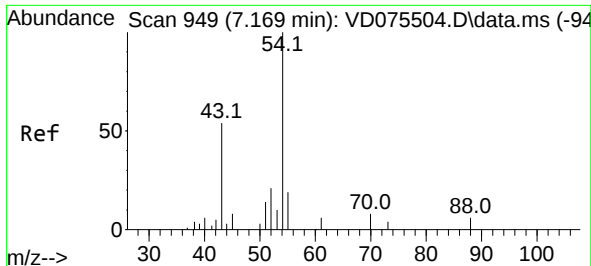
Ion Ratio Lower Upper

75 100

110 41.9 17.1 51.2

77 31.3 24.6 36.8

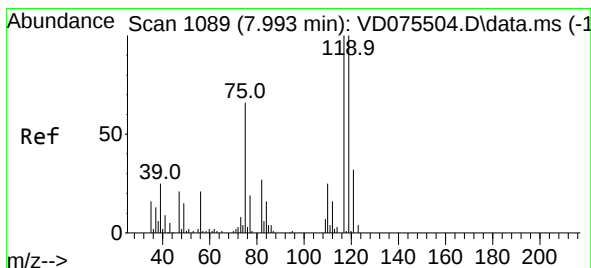
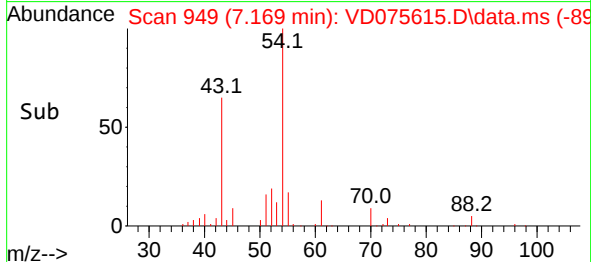
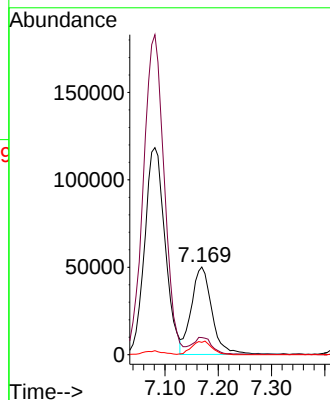
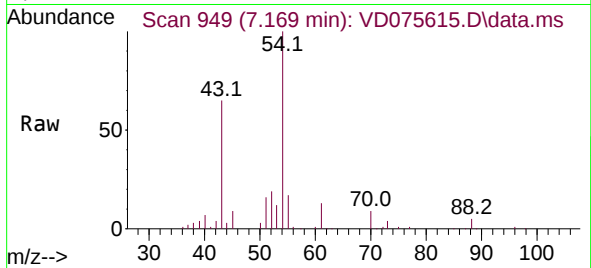




#37
Ethyl Acetate
Concen: 147.848 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

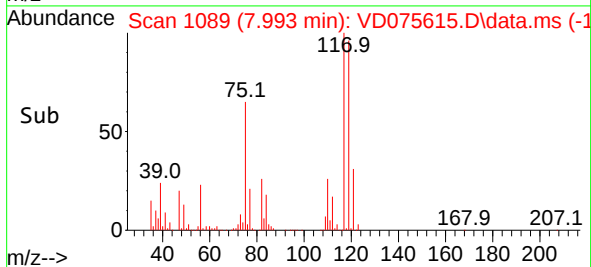
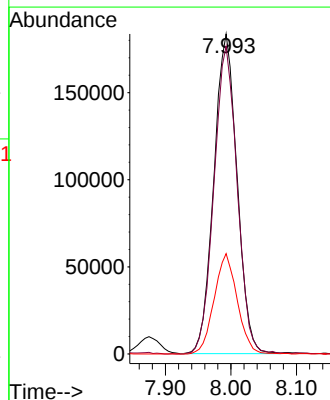
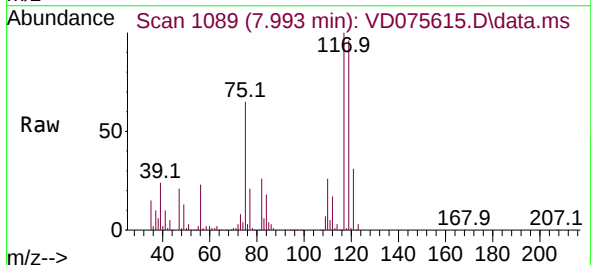
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

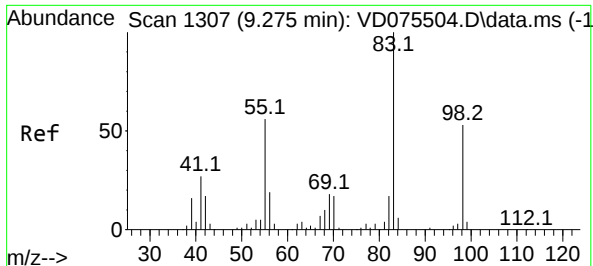
Tgt Ion: 43 Resp: 133679
Ion Ratio Lower Upper
43 100
61 18.7 0.0 0.0#
70 15.1 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 156.148 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 117 Resp: 450327
Ion Ratio Lower Upper
117 100
119 96.3 74.7 112.1
121 31.4 25.9 38.9





#39

Methylcyclohexane

Concen: 160.562 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

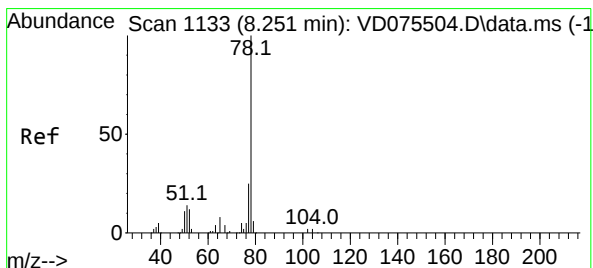
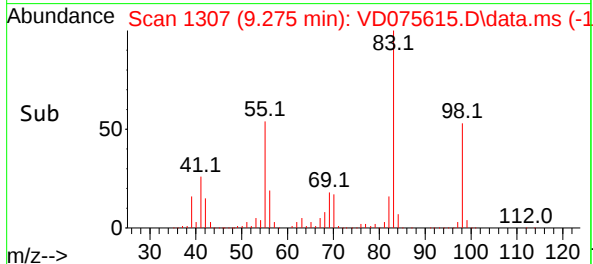
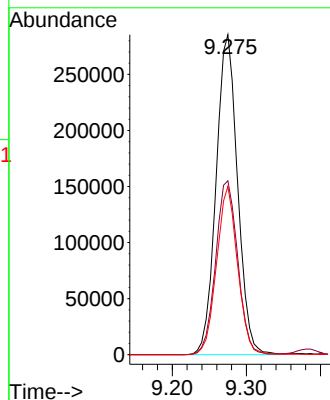
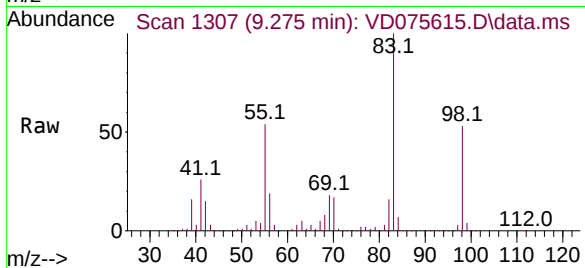
Tgt Ion: 83 Resp: 574971

Ion Ratio Lower Upper

83 100

55 54.4 56.8 85.2#

98 52.6 38.9 58.3



#40

Benzene

Concen: 150.324 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075615.D

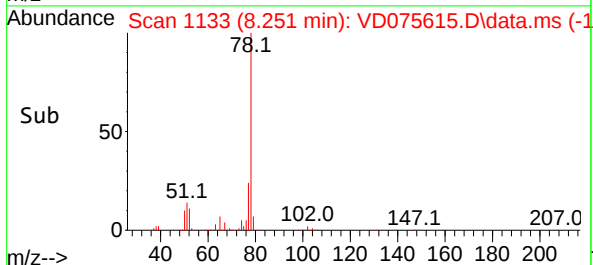
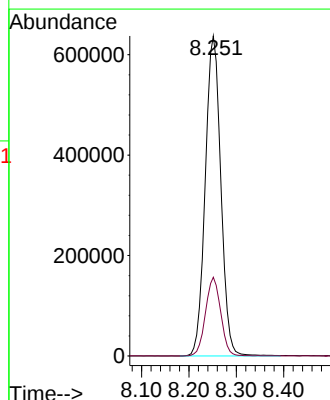
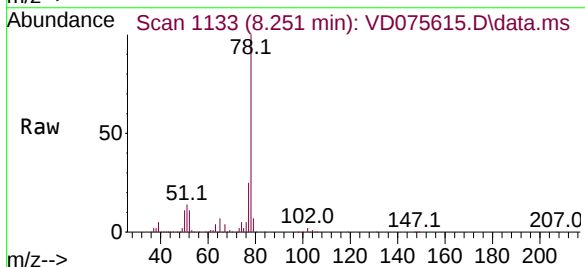
Acq: 10 Apr 2023 19:21

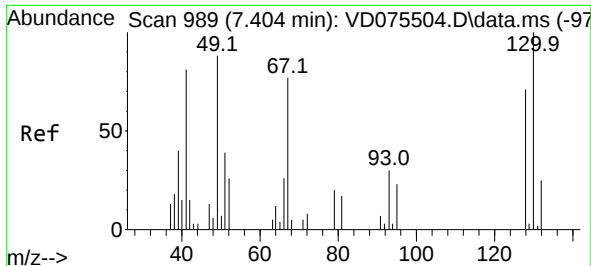
Tgt Ion: 78 Resp: 1456697

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

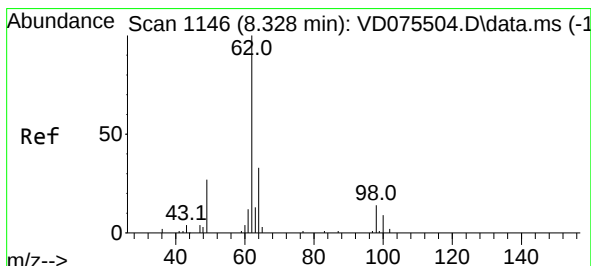
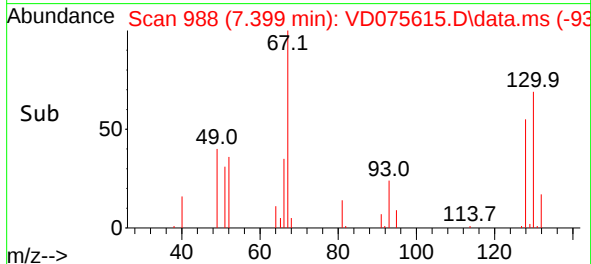
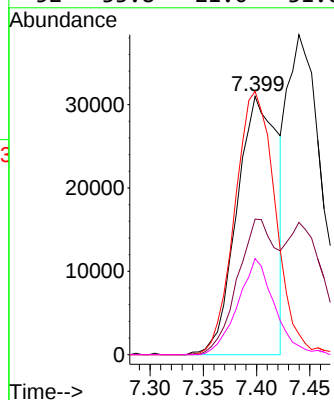
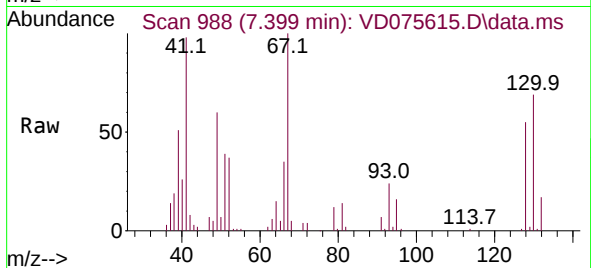




#41
Methacrylonitrile
Concen: 165.804 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

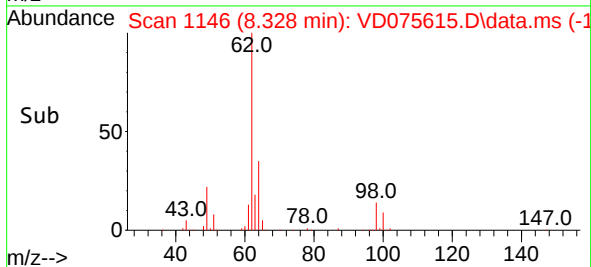
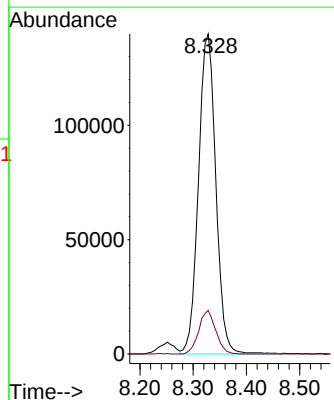
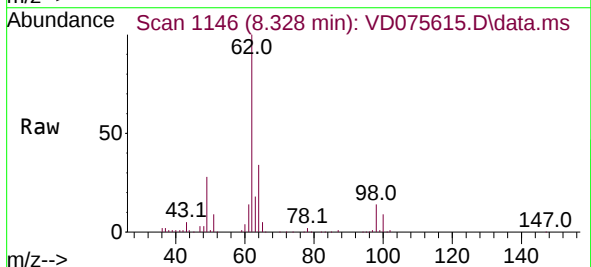
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

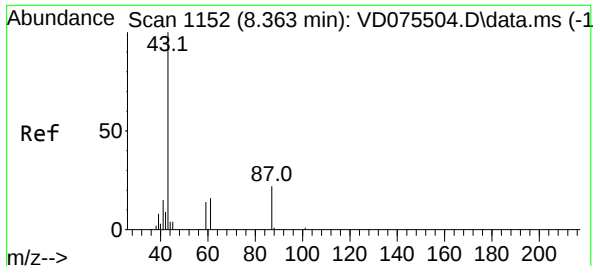
Tgt Ion: 41 Resp: 82099
Ion Ratio Lower Upper
41 100
39 50.7 45.3 67.9
67 102.1 50.5 75.7#
52 33.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 140.582 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 62 Resp: 316527
Ion Ratio Lower Upper
62 100
98 13.3 0.0 18.8

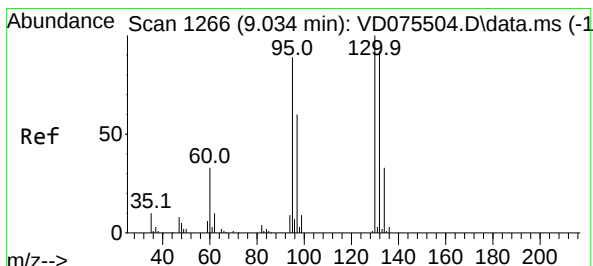
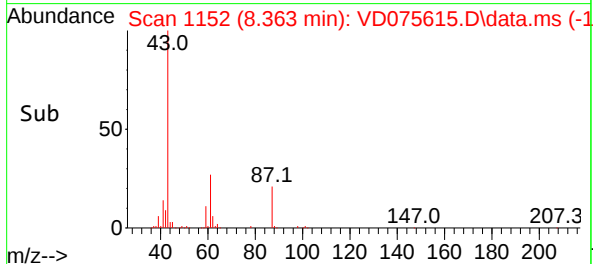
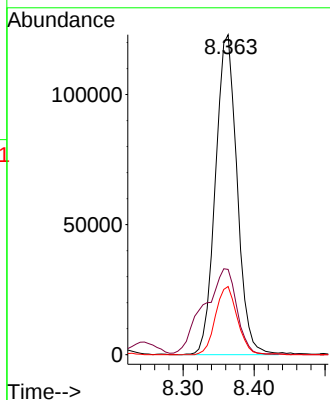
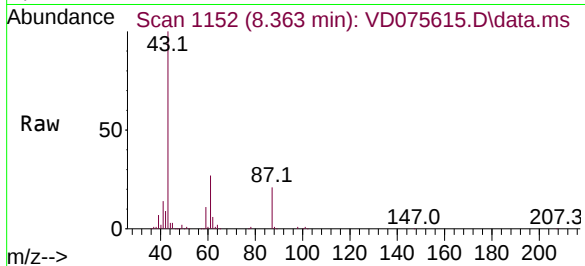




#43
Isopropyl Acetate
Concen: 150.316 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

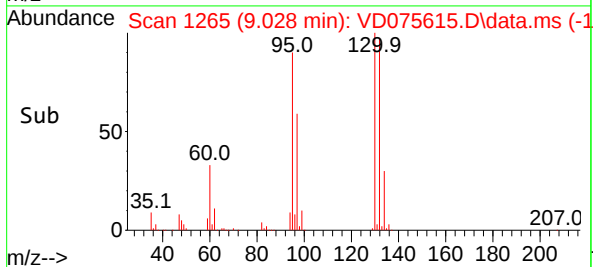
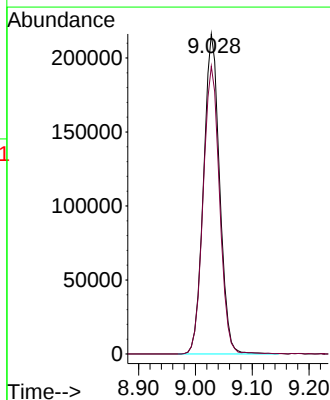
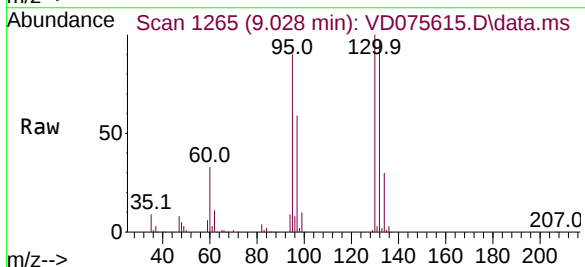
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

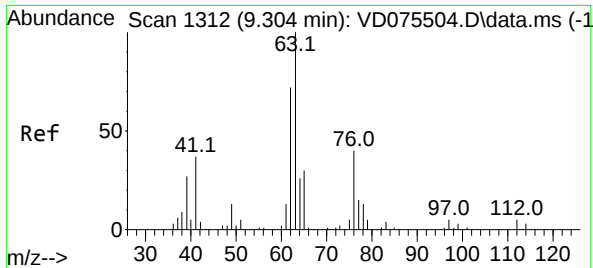
Tgt Ion: 43 Resp: 259448
Ion Ratio Lower Upper
43 100
61 41.1 23.4 35.0#
87 21.6 9.5 14.3#



#44
Trichloroethene
Concen: 149.190 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:130 Resp: 423461
Ion Ratio Lower Upper
130 100
95 89.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 143.284 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

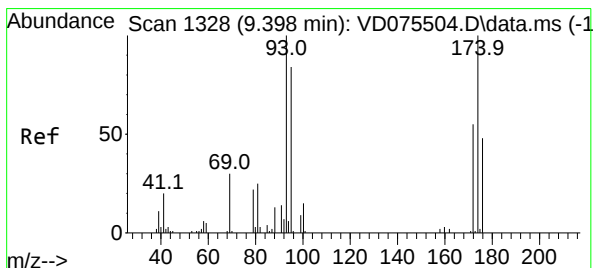
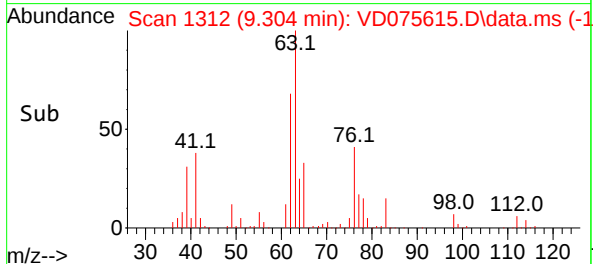
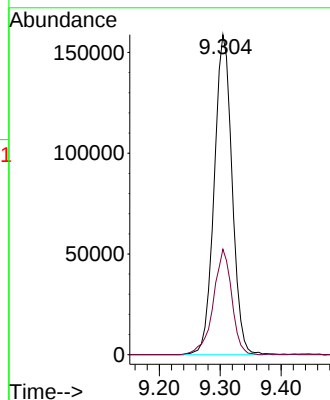
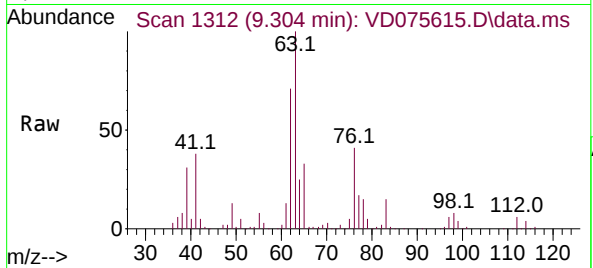
VSTDIC150

Tgt Ion: 63 Resp: 323904

Ion Ratio Lower Upper

63 100

65 33.0 23.0 34.4



#46

Dibromomethane

Concen: 145.860 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

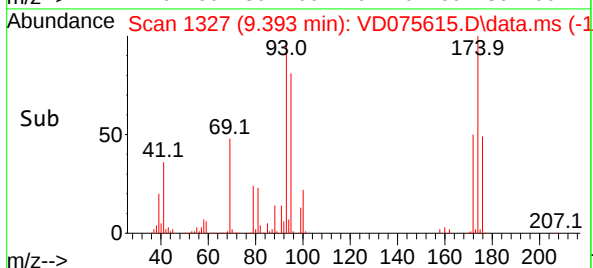
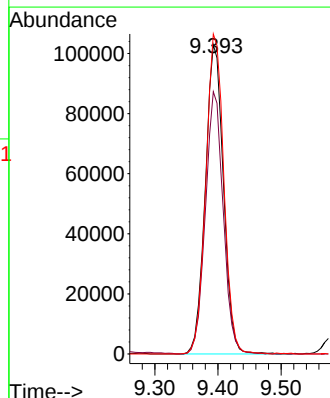
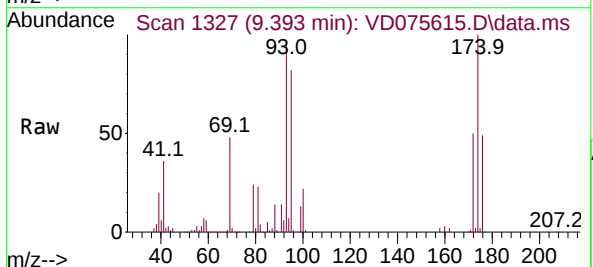
Tgt Ion: 93 Resp: 204724

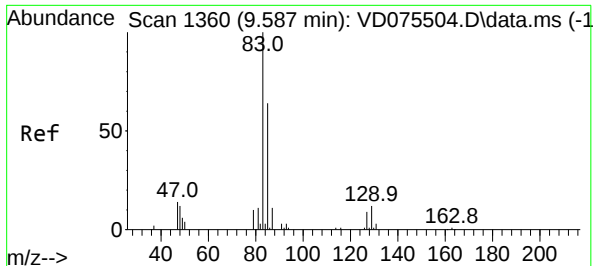
Ion Ratio Lower Upper

93 100

95 83.7 64.5 96.7

174 102.9 76.2 114.4

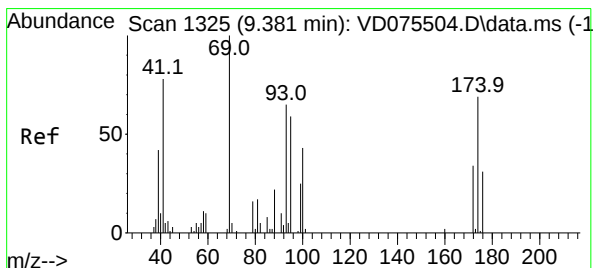
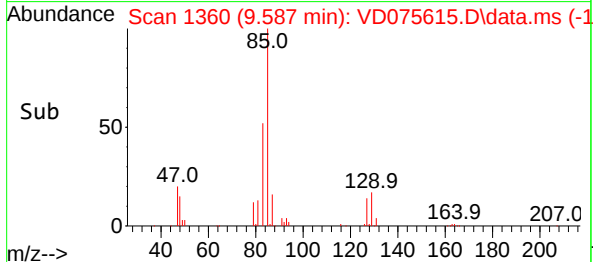
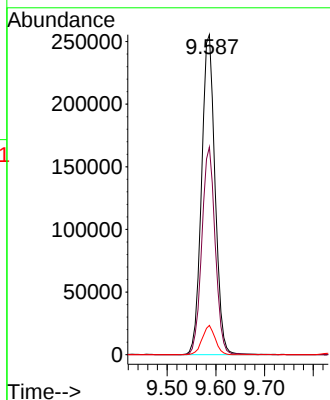
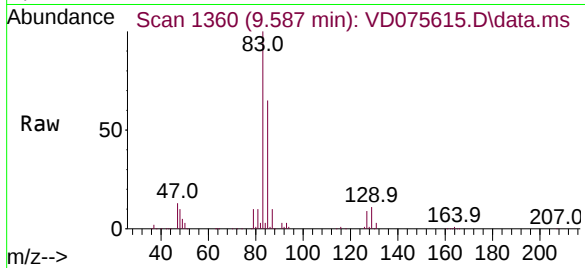




#47
Bromodichloromethane
Concen: 144.464 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

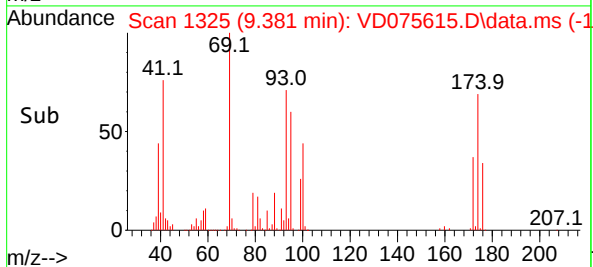
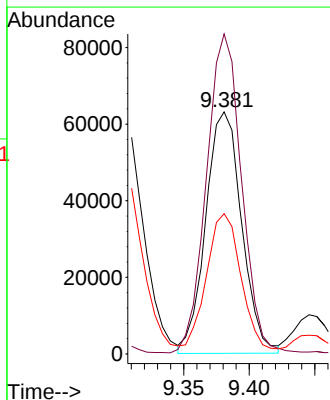
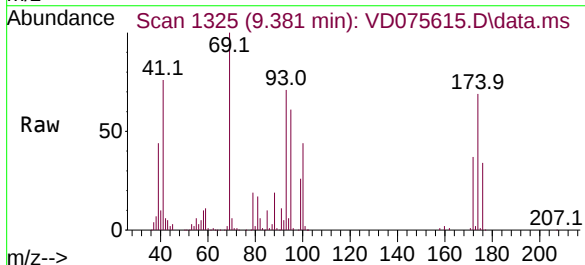
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

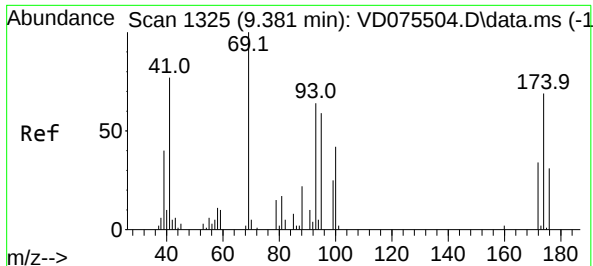
Tgt Ion: 83 Resp: 490342
Ion Ratio Lower Upper
83 100
85 64.9 53.7 80.5
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 153.697 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 41 Resp: 120222
Ion Ratio Lower Upper
41 100
69 128.9 58.6 88.0#
39 52.7 53.4 80.0#





#49

1,4-Dioxane

Concen: 2925.451 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

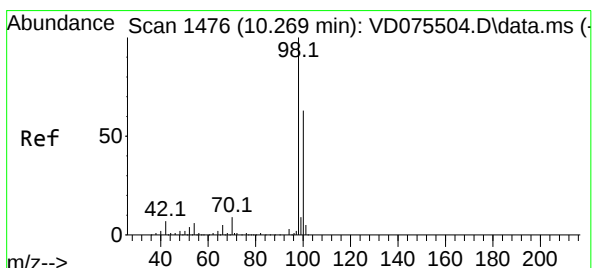
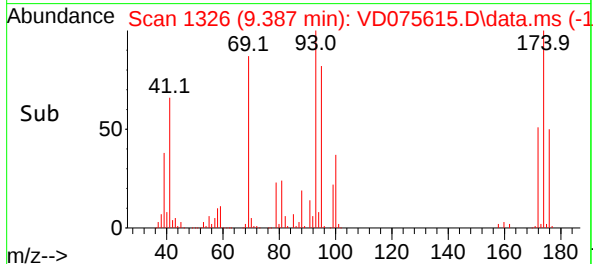
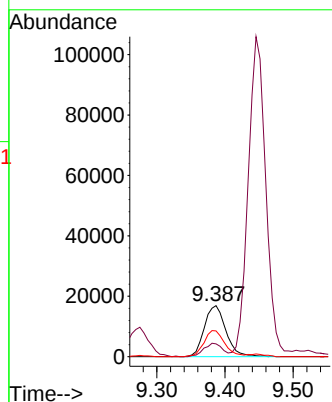
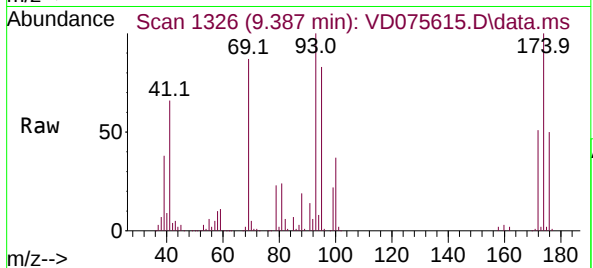
Tgt Ion: 88 Resp: 37221

Ion Ratio Lower Upper

88 100

43 22.5 34.6 51.8#

58 49.4 58.0 87.0#



#50

Toluene-d8

Concen: 152.677 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075615.D

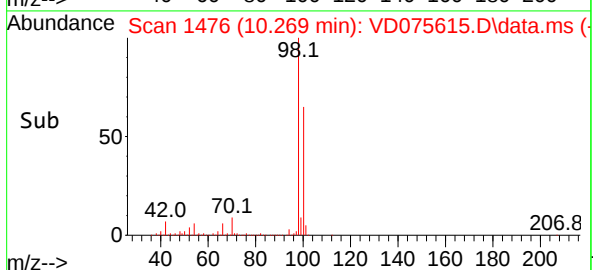
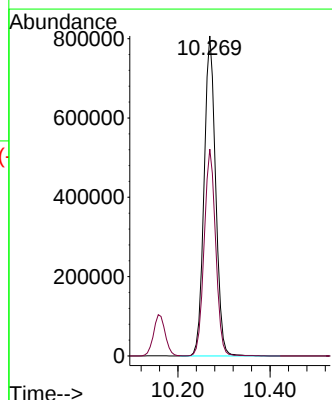
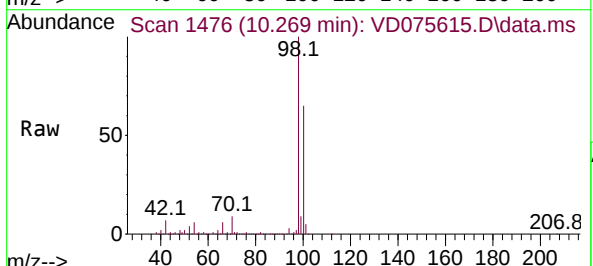
Acq: 10 Apr 2023 19:21

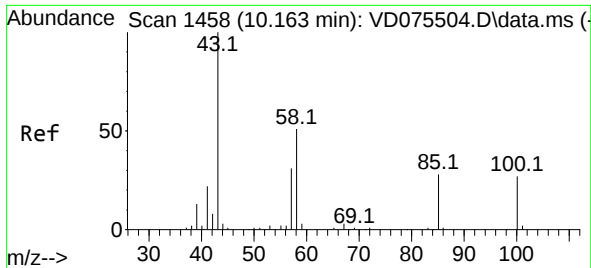
Tgt Ion: 98 Resp: 1410160

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

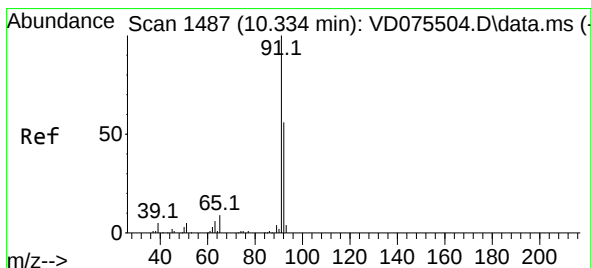
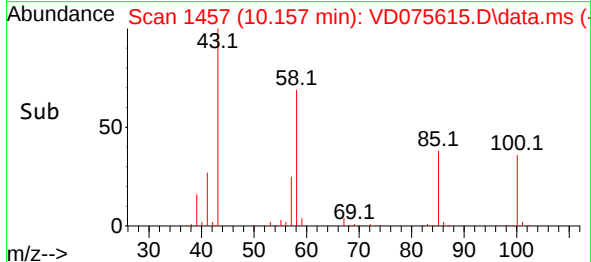
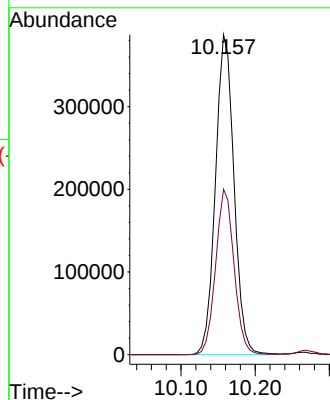
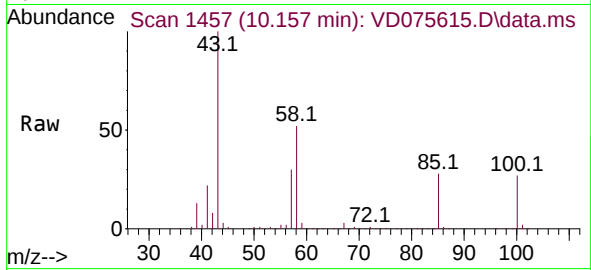




#51
4-Methyl-2-Pentanone
Concen: 724.295 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

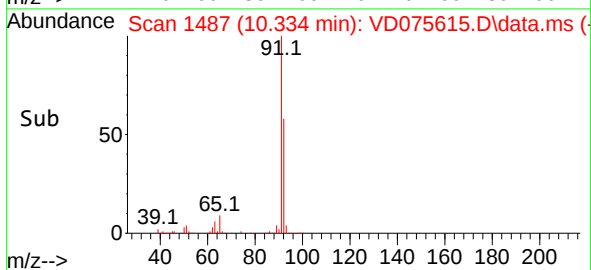
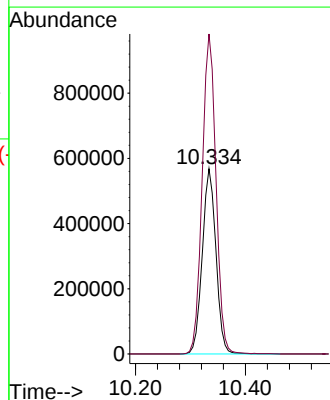
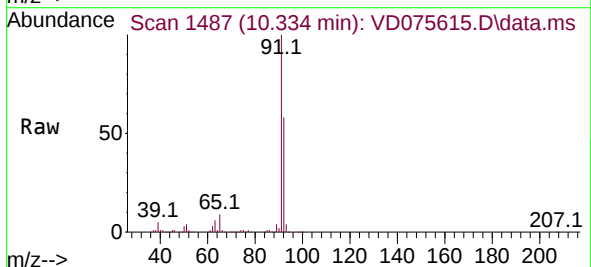
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

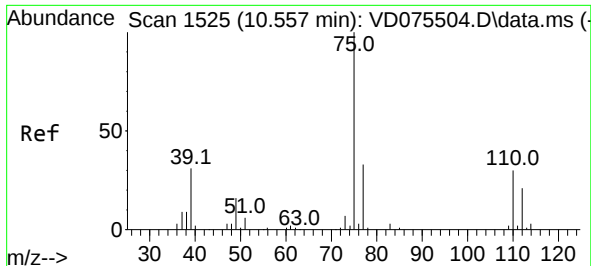
Tgt Ion: 43 Resp: 672977
Ion Ratio Lower Upper
43 100
58 51.3 29.5 44.3#



#52
Toluene
Concen: 149.714 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 92 Resp: 979855
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 148.314 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

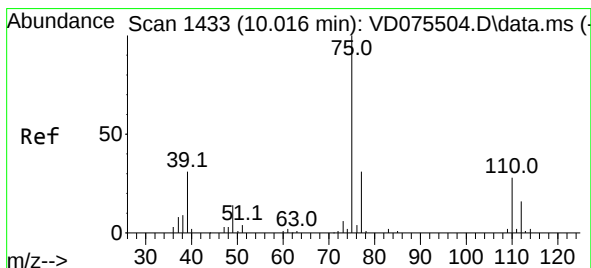
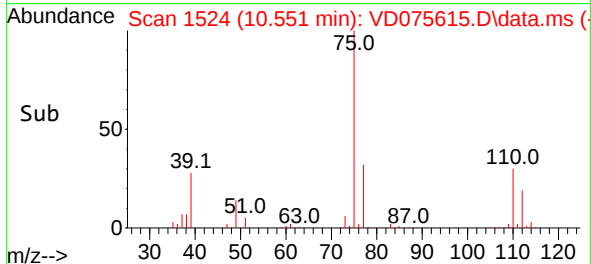
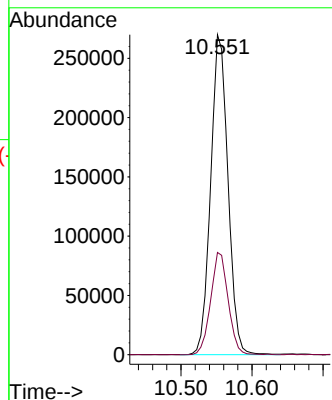
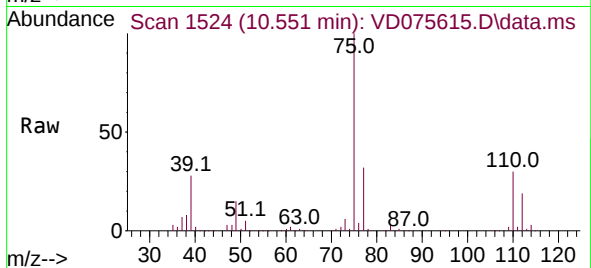
VSTDIC150

Tgt Ion: 75 Resp: 456300

Ion Ratio Lower Upper

75 100

77 32.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 150.593 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

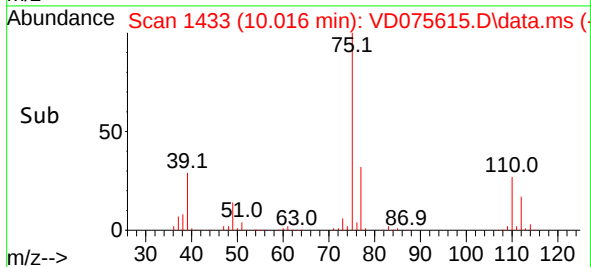
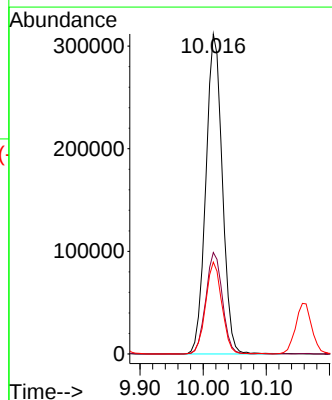
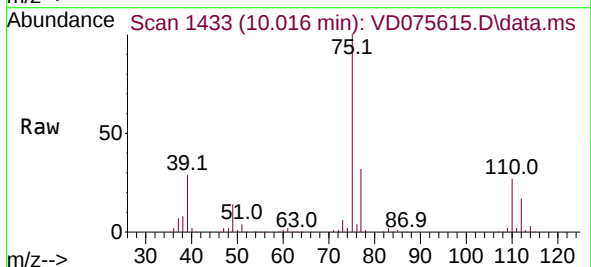
Tgt Ion: 75 Resp: 563338

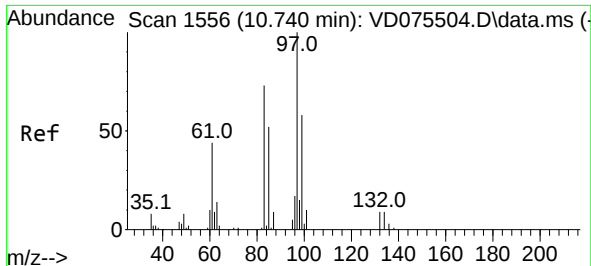
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 28.7 44.8 67.2#

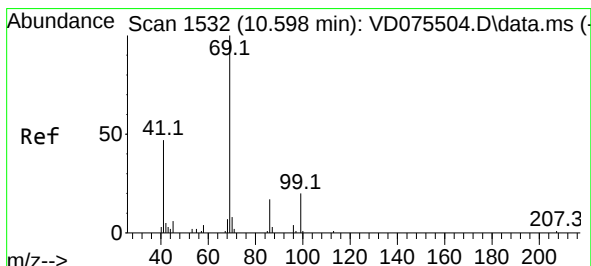
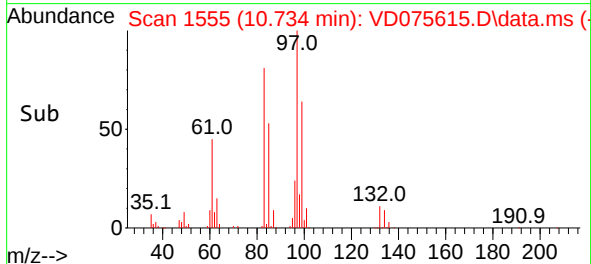
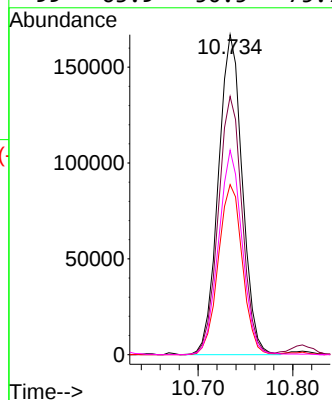
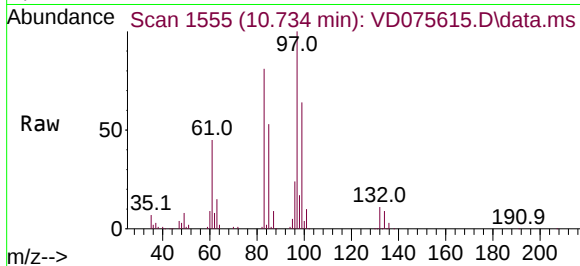




#55
1,1,2-Trichloroethane
Concen: 141.960 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

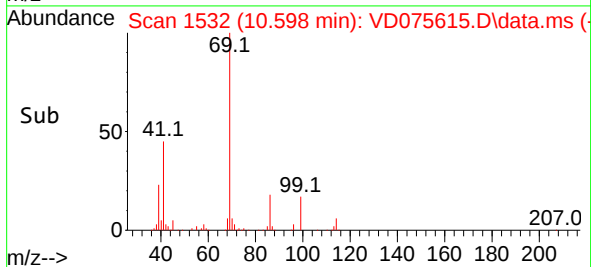
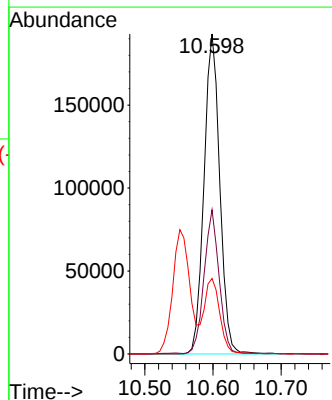
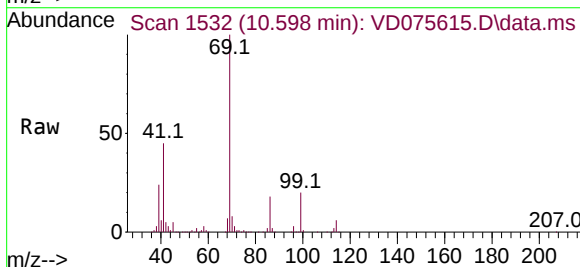
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

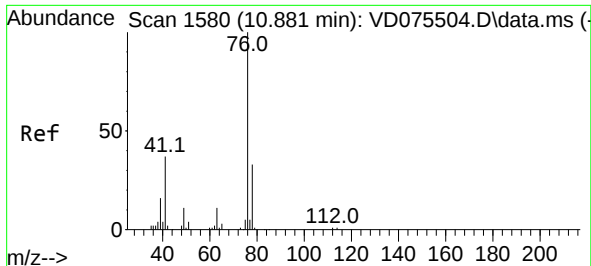
Tgt Ion:	97	Resp:	293828
Ion	Ratio	Lower	Upper
97	100		
83	80.7	74.2	111.4
85	53.1	45.4	68.0
99	63.9	50.5	75.7



#56
Ethyl methacrylate
Concen: 155.541 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:	69	Resp:	310305
Ion	Ratio	Lower	Upper
69	100		
41	42.8	59.3	88.9#
39	24.2	36.0	54.0#

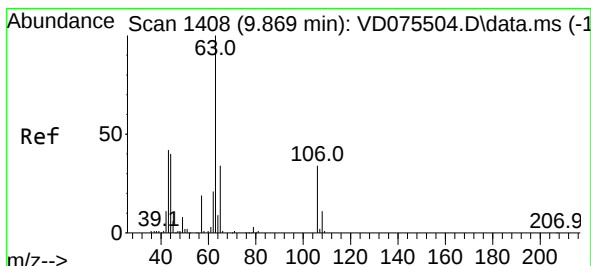
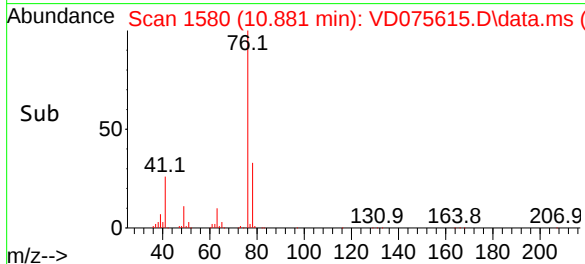
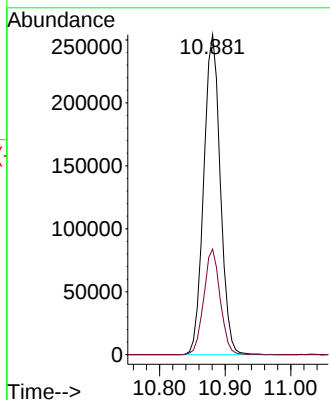
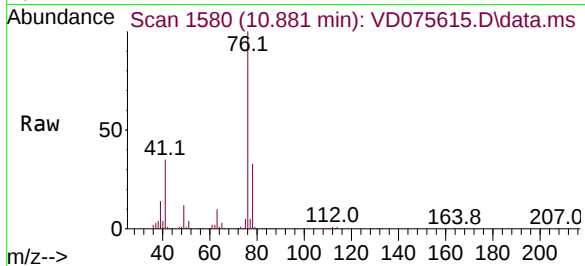




#57
1,3-Dichloropropane
Concen: 143.571 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

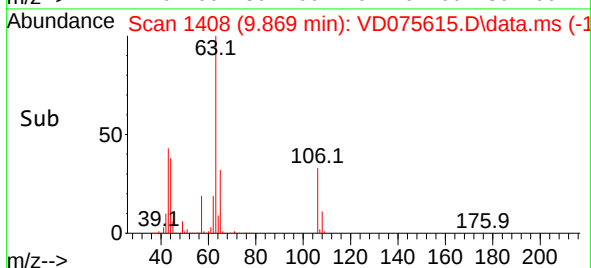
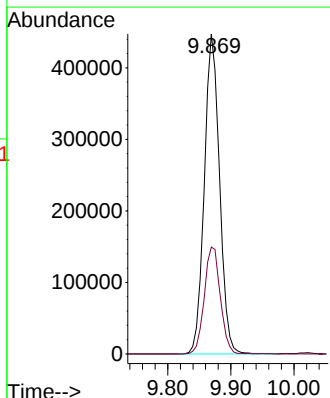
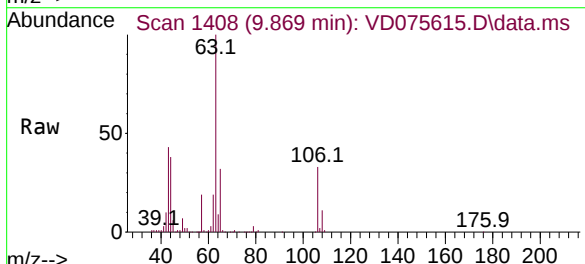
Instrument : MSVOA_D
ClientSampleId : VSTDIC150

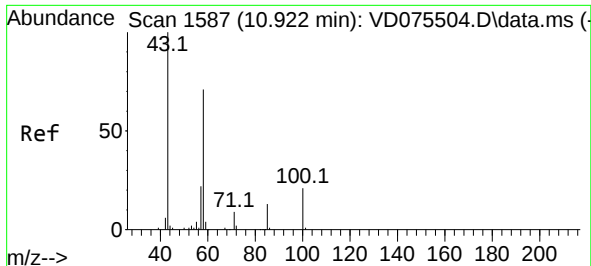
Tgt Ion: 76 Resp: 447445
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 776.195 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 63 Resp: 748689
Ion Ratio Lower Upper
63 100
106 35.1 21.4 32.2#

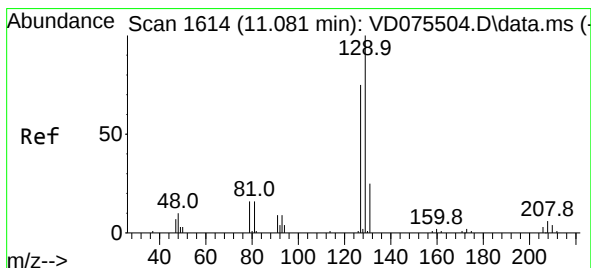
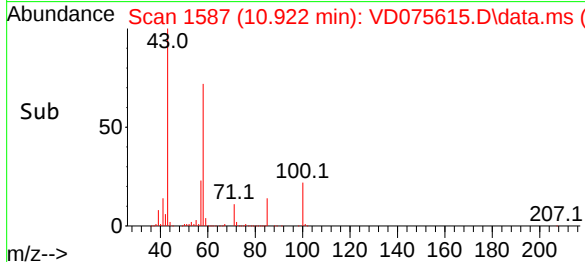
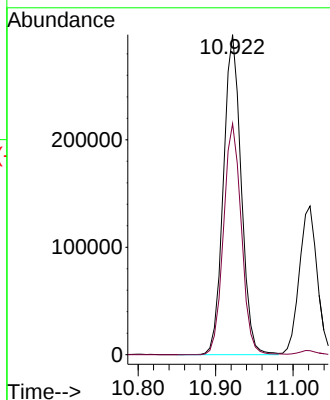
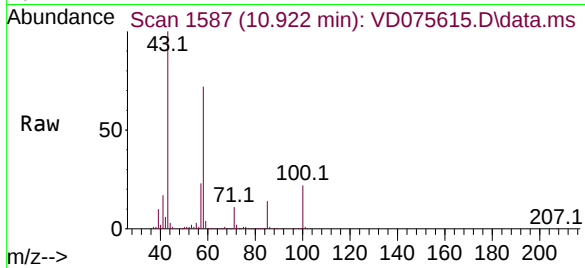




#59
2-Hexanone
Concen: 725.593 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

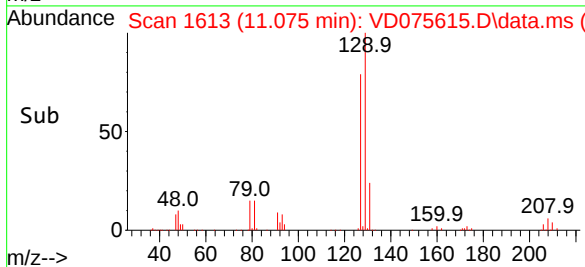
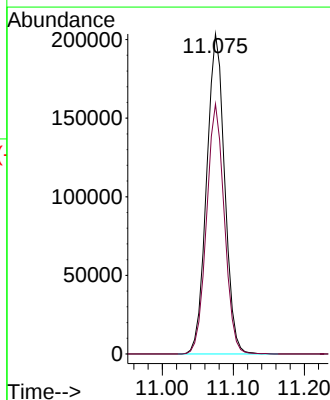
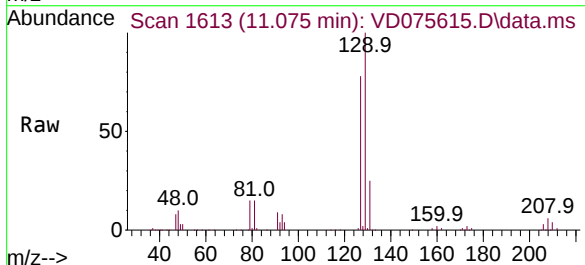
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

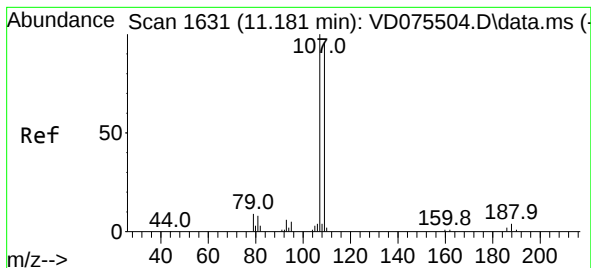
Tgt Ion: 43 Resp: 474955
Ion Ratio Lower Upper
43 100
58 72.4 25.3 75.8



#60
Dibromochloromethane
Concen: 145.205 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:129 Resp: 358837
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

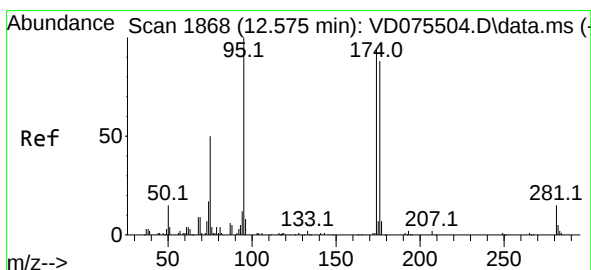
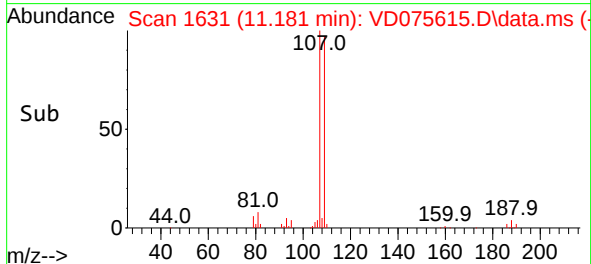
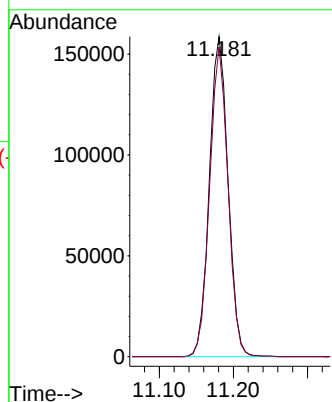
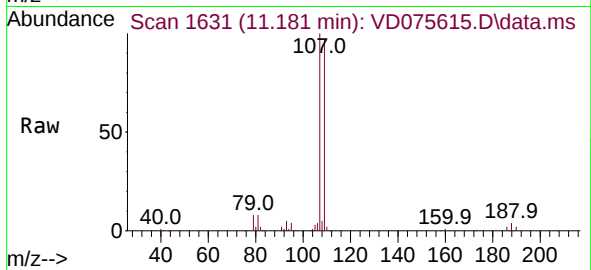




#61
1,2-Dibromoethane
Concen: 140.562 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

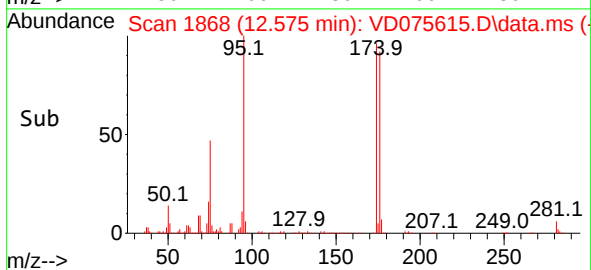
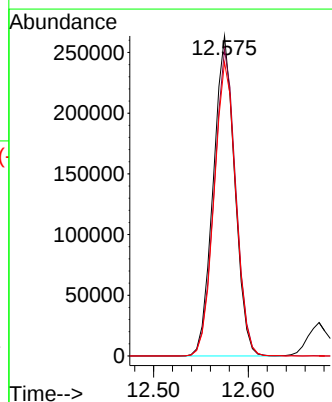
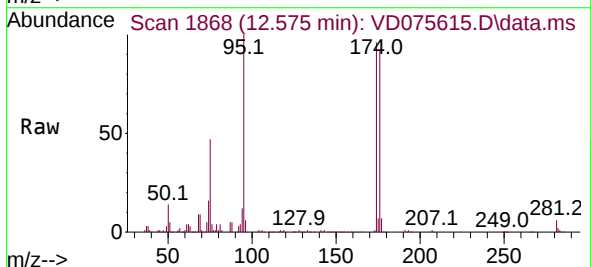
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

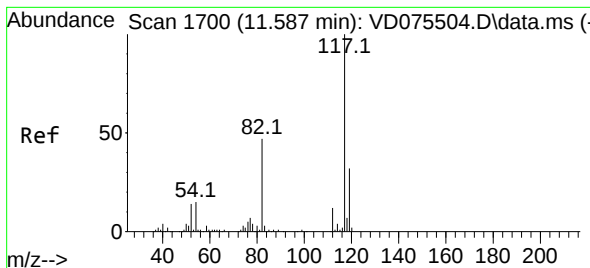
Tgt Ion:107 Resp: 278061
Ion Ratio Lower Upper
107 100
109 95.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 152.414 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 95 Resp: 414144
Ion Ratio Lower Upper
95 100
174 96.7 0.0 164.0
176 93.4 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: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

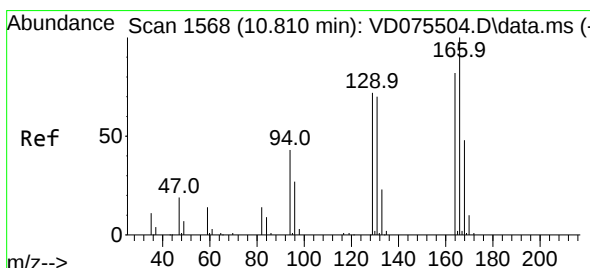
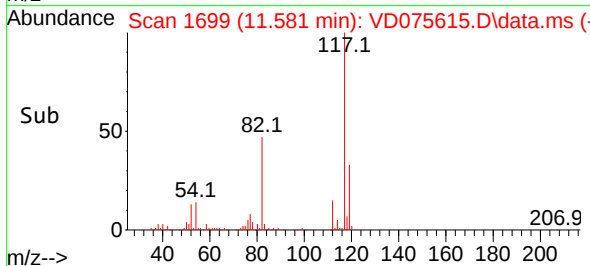
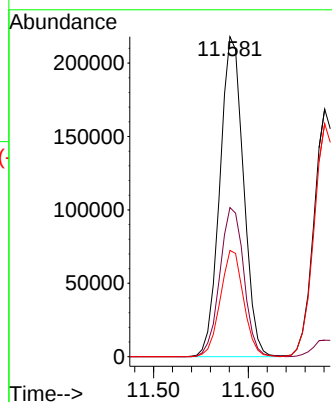
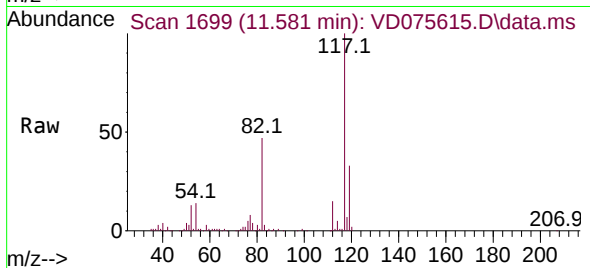
Tgt Ion:117 Resp: 378423

Ion Ratio Lower Upper

117 100

82 46.6 44.0 66.0

119 33.2 25.1 37.7



#64

Tetrachloroethene

Concen: 155.434 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Tgt Ion:164 Resp: 353784

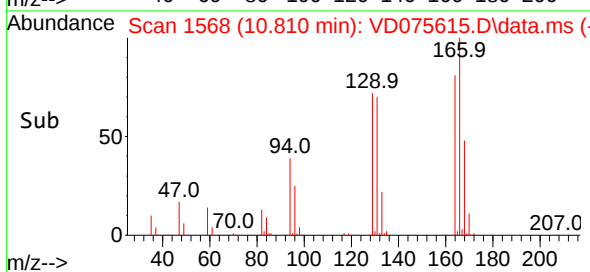
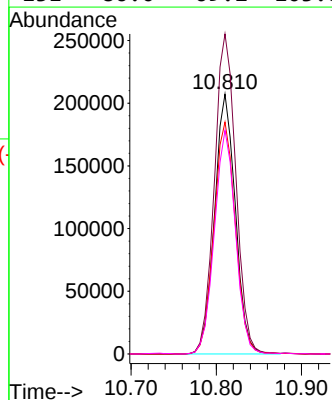
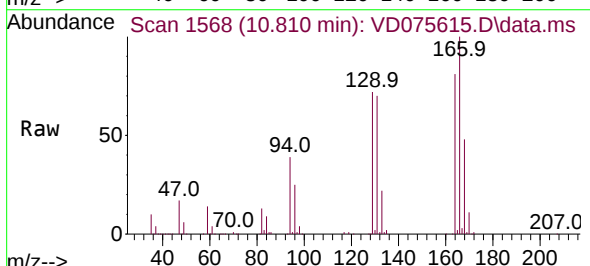
Ion Ratio Lower Upper

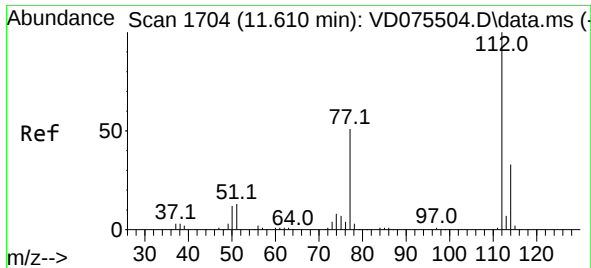
164 100

166 123.2 94.9 142.3

129 89.2 73.0 109.6

131 86.0 69.2 103.8

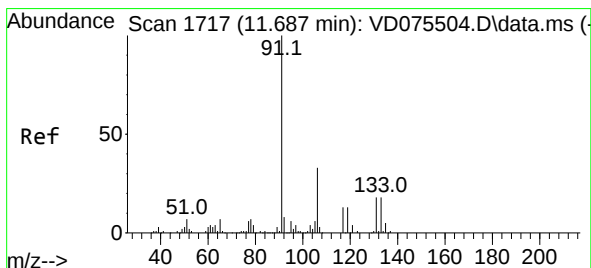
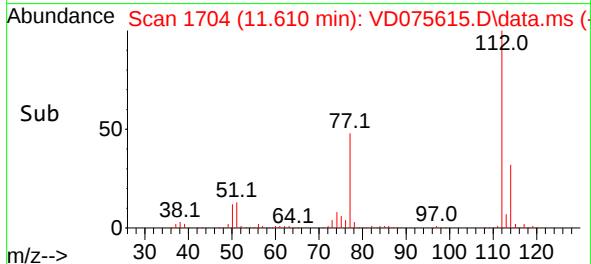
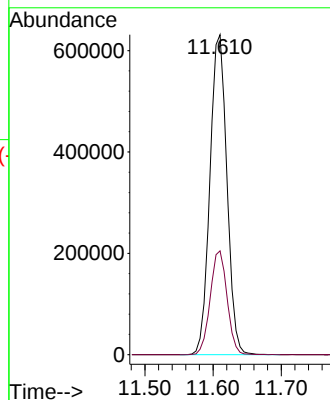
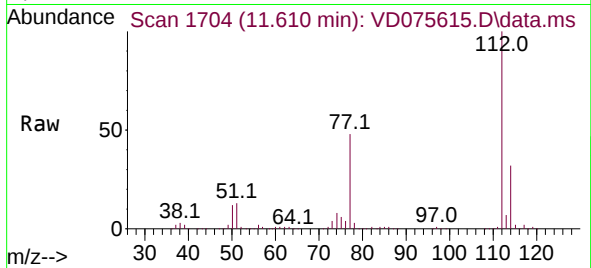




#65
Chlorobenzene
Concen: 148.774 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

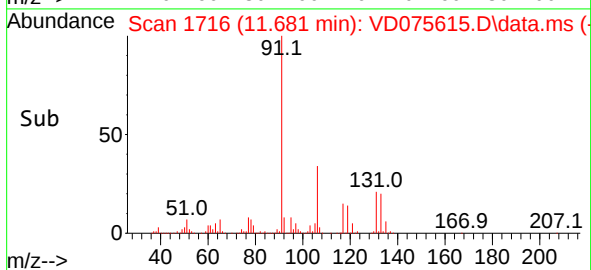
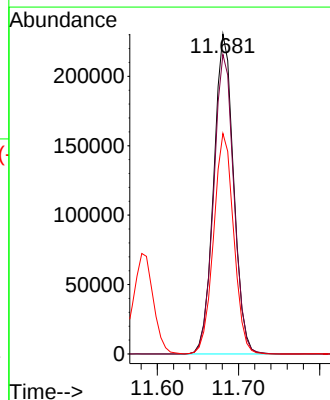
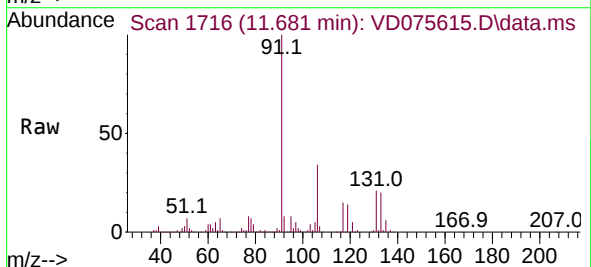
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

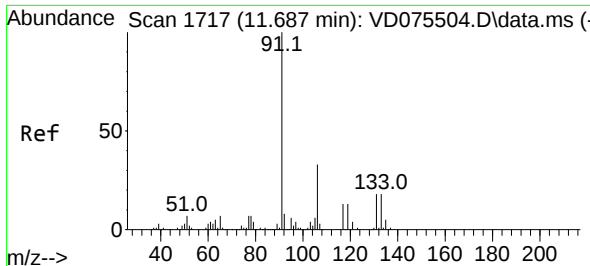
Tgt Ion:112 Resp: 1092834
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 150.909 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:131 Resp: 392010
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 69.5 31.9 95.9

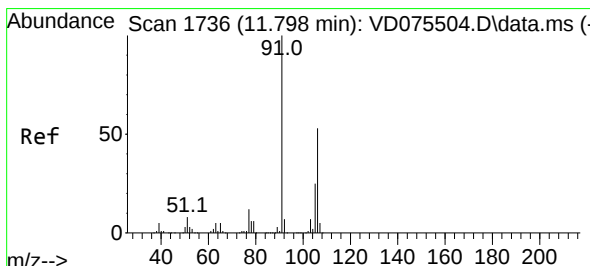
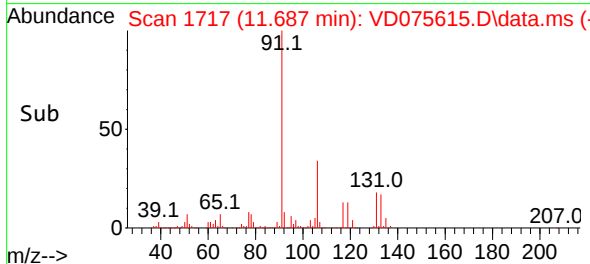
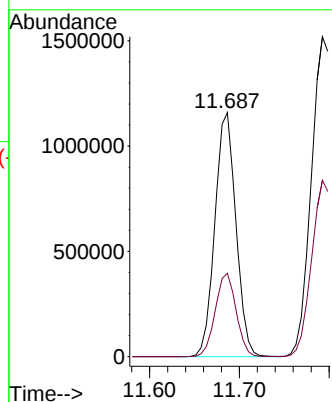
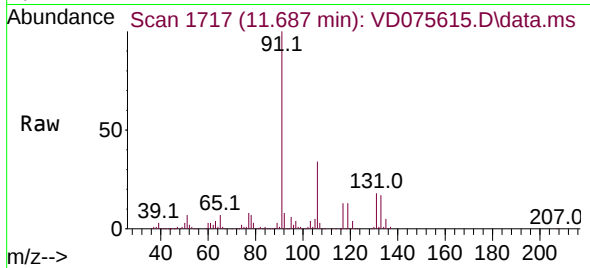




#67
Ethyl Benzene
Concen: 155.502 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

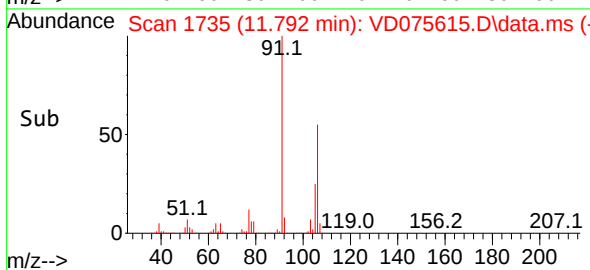
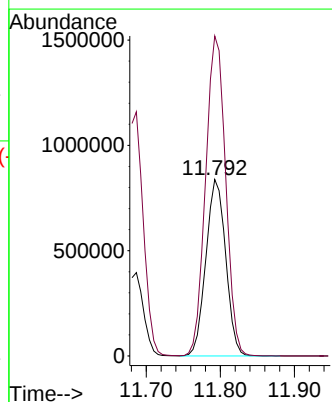
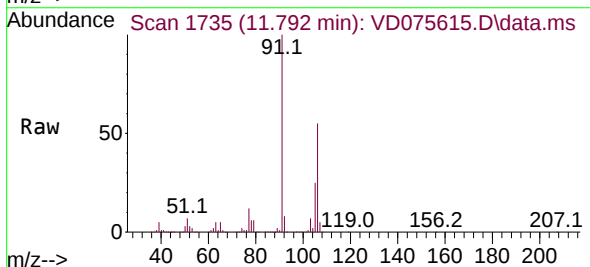
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

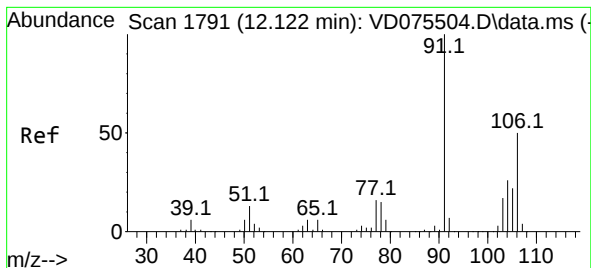
Tgt Ion: 91 Resp: 1884625
Ion Ratio Lower Upper
91 100
106 34.2 24.5 36.7



#68
m/p-Xylenes
Concen: 311.837 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:106 Resp: 1556649
Ion Ratio Lower Upper
106 100
91 183.3 161.5 242.3





#69

o-Xylene

Concen: 162.887 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

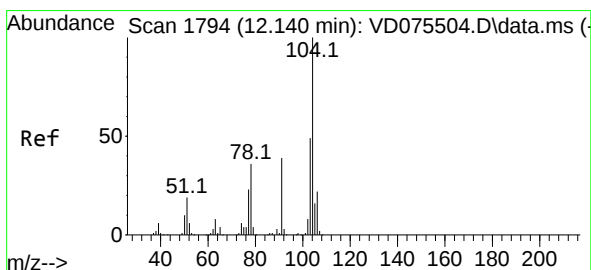
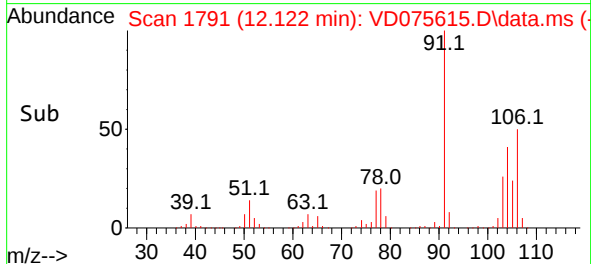
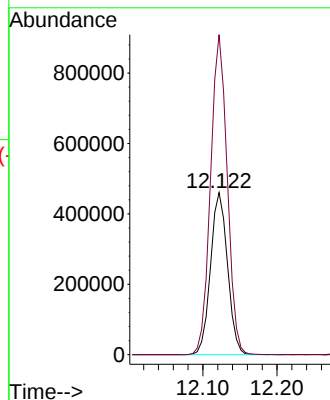
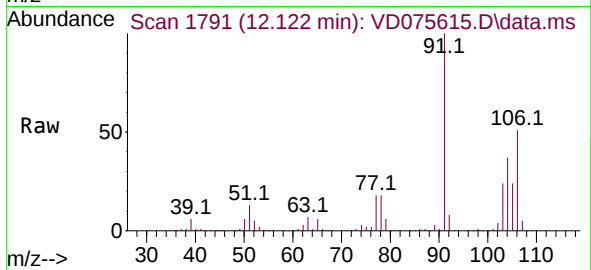
VSTDIC150

Tgt Ion:106 Resp: 731992

Ion Ratio Lower Upper

106 100

91 194.5 105.7 317.1



#70

Styrene

Concen: 160.479 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

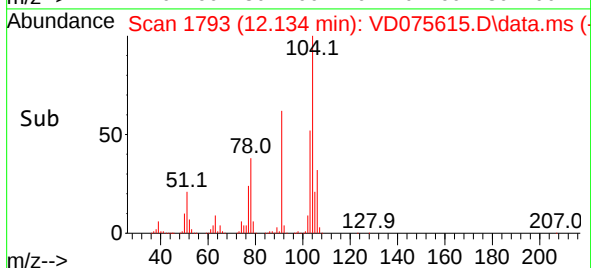
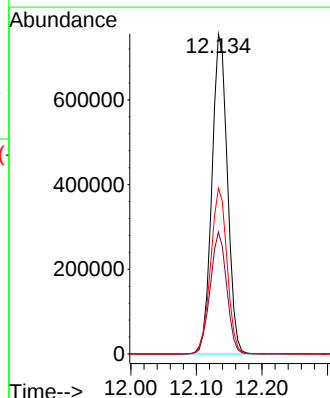
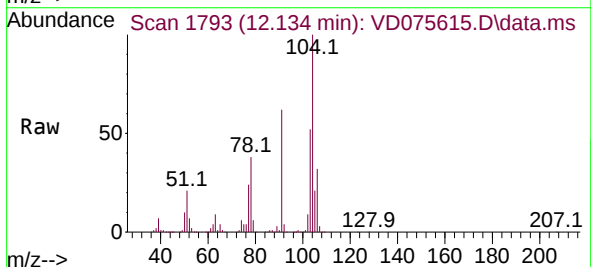
Tgt Ion:104 Resp: 1236795

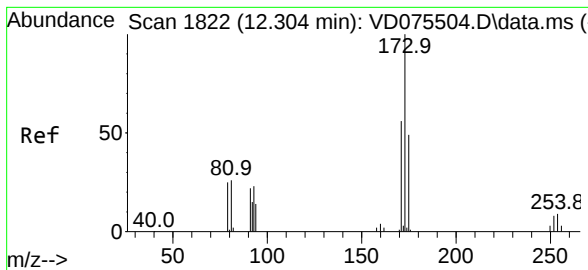
Ion Ratio Lower Upper

104 100

78 40.8 40.2 60.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 155.154 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

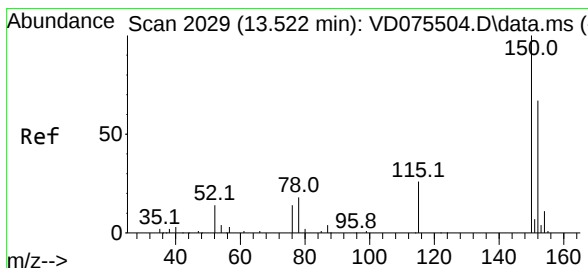
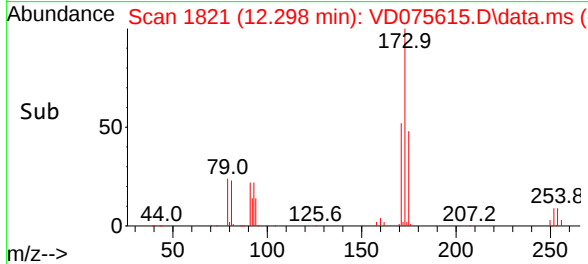
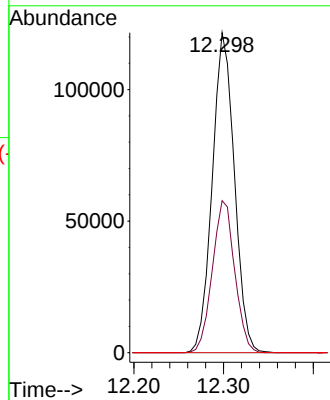
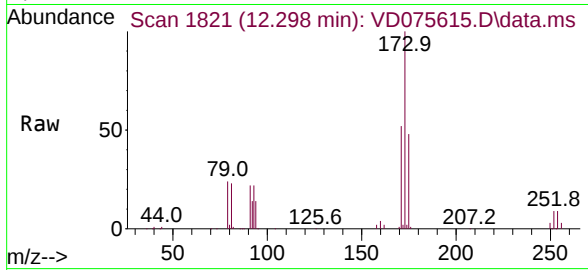
Tgt Ion:173 Resp: 208316

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

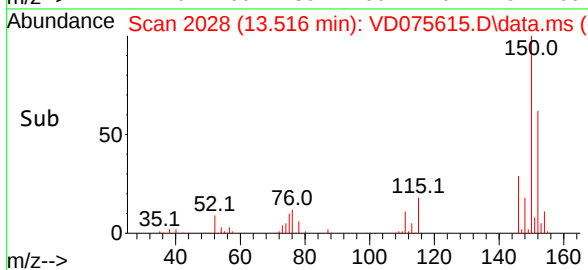
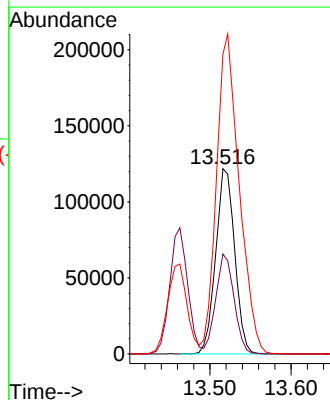
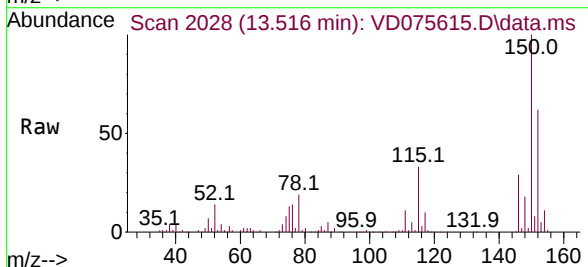
Tgt Ion:152 Resp: 198341

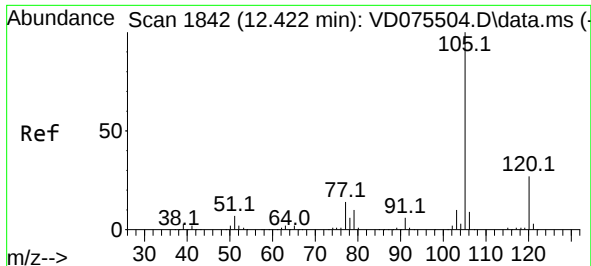
Ion Ratio Lower Upper

152 100

115 51.8 30.1 90.3

150 206.7 0.0 364.8

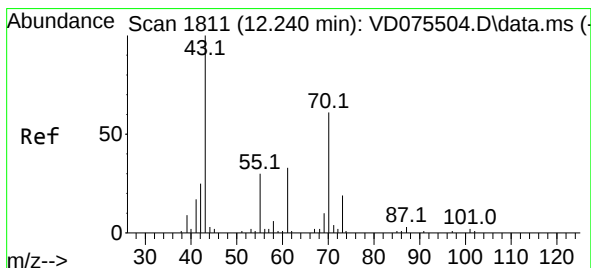
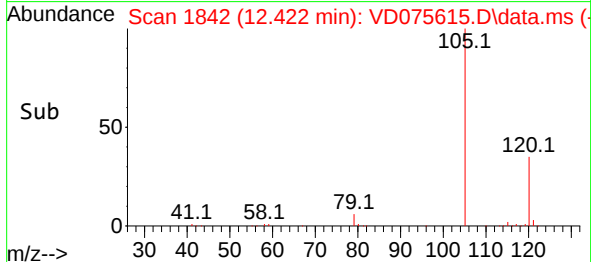
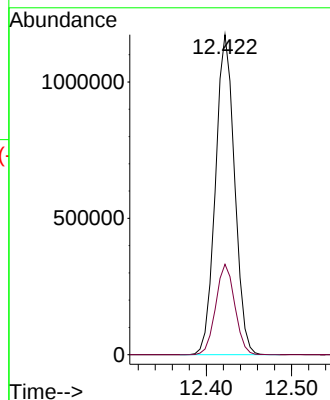
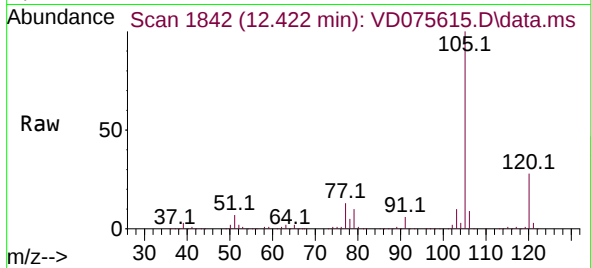




#73
Isopropylbenzene
Concen: 148.629 ug/l
RT: 12.422 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

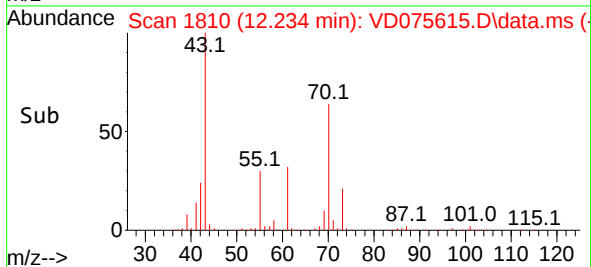
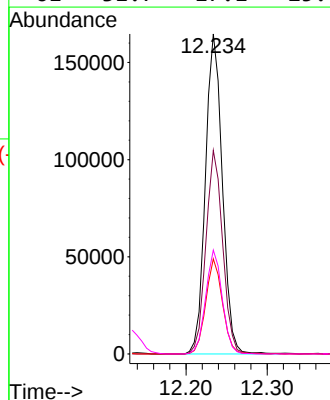
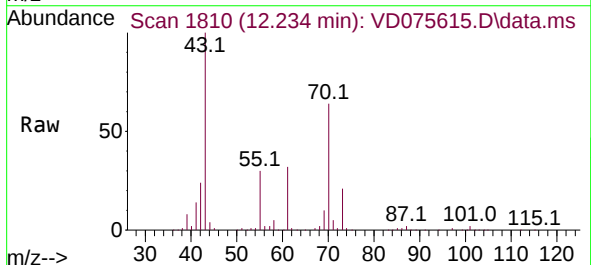
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

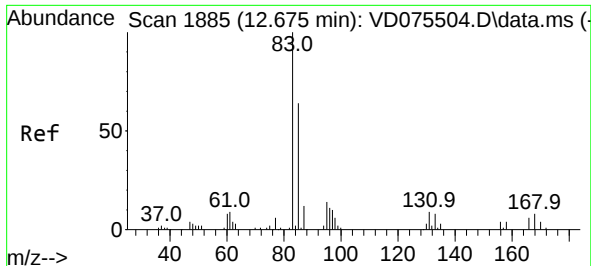
Tgt Ion:105 Resp: 1829324
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.1



#74
N-ethyl acetate
Concen: 137.951 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 43 Resp: 238133
Ion Ratio Lower Upper
43 100
70 63.1 31.0 46.4#
55 29.4 18.6 28.0#
61 31.7 17.1 25.7#

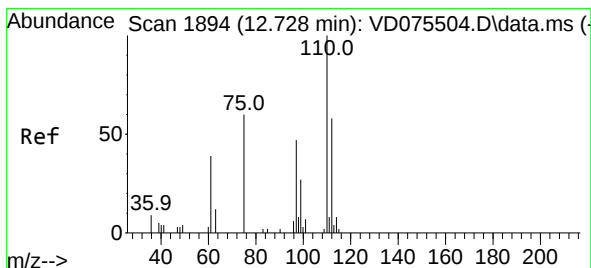
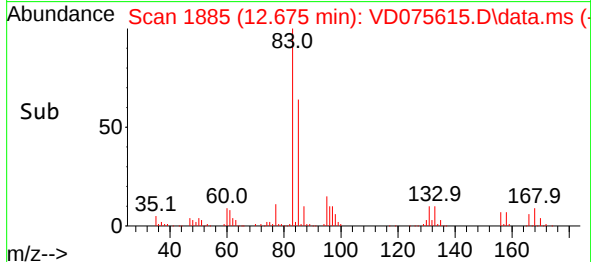
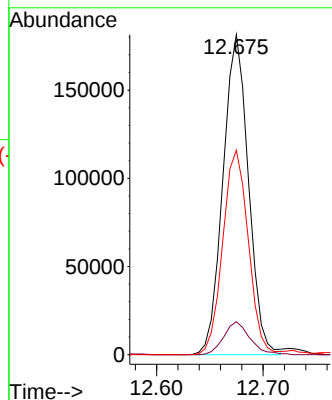
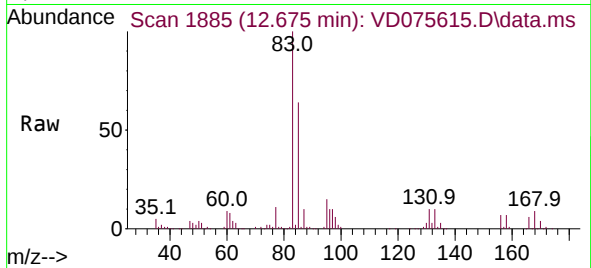




#75
1,1,2,2-Tetrachloroethane
Concen: 130.738 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

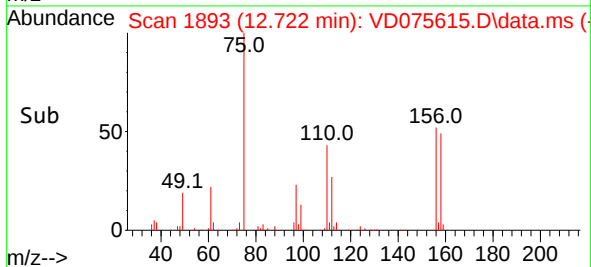
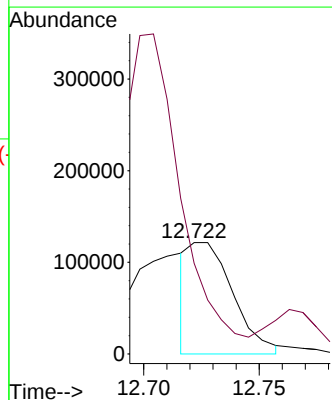
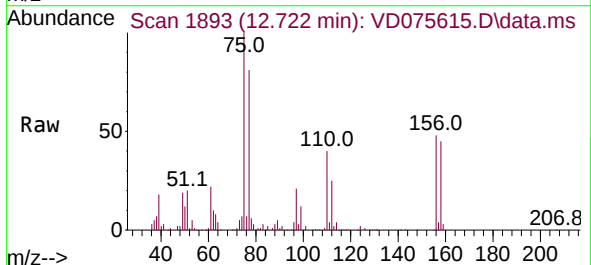
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

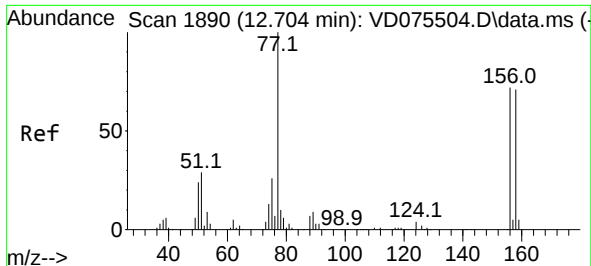
Tgt Ion: 83 Resp: 300983
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 64.0 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 103.504 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 75 Resp: 160664
Ion Ratio Lower Upper
75 100
77 409.1 0.0 0.0#

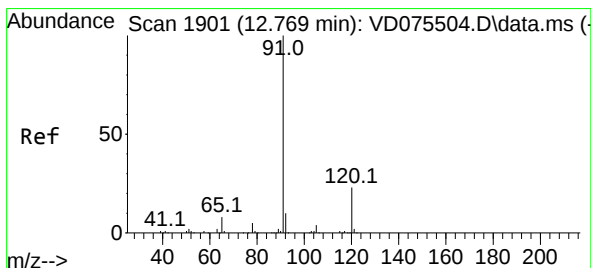
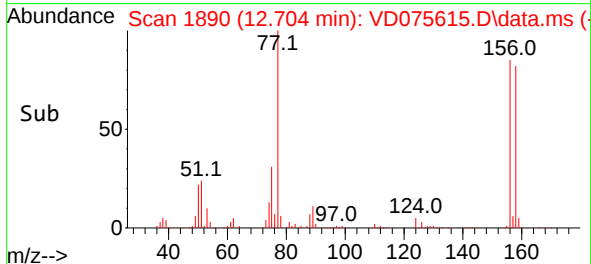
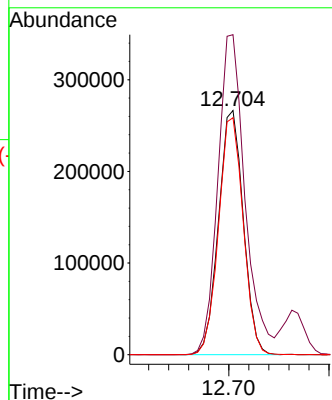
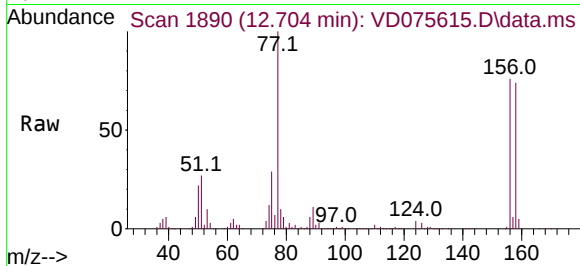




#77
Bromobenzene
Concen: 146.856 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

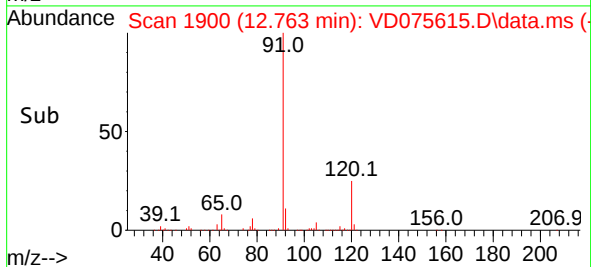
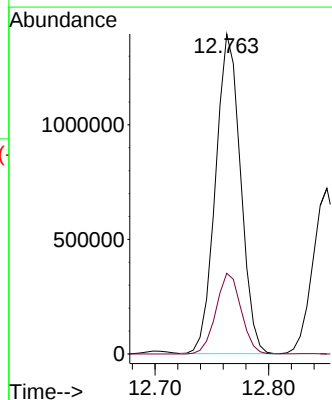
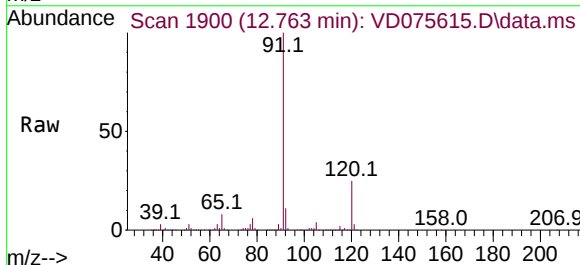
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

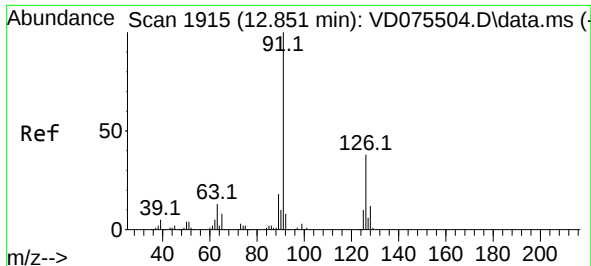
Tgt Ion:156 Resp: 456235
Ion Ratio Lower Upper
156 100
77 144.1 89.5 268.6
158 96.7 47.8 143.4



#78
n-propylbenzene
Concen: 144.099 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 91 Resp: 2132433
Ion Ratio Lower Upper
91 100
120 25.2 11.4 34.2

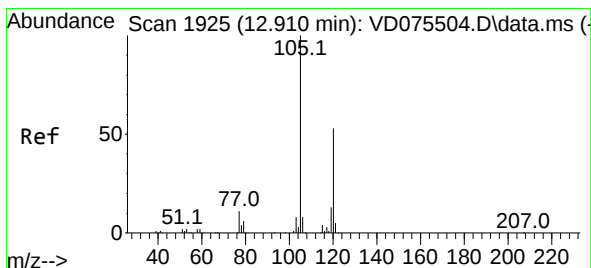
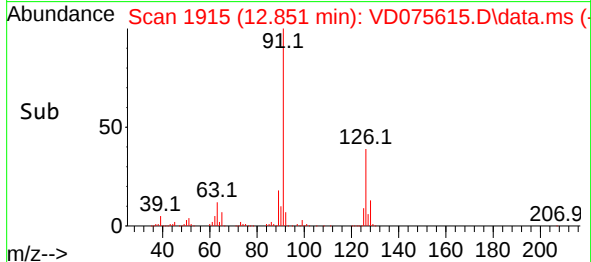
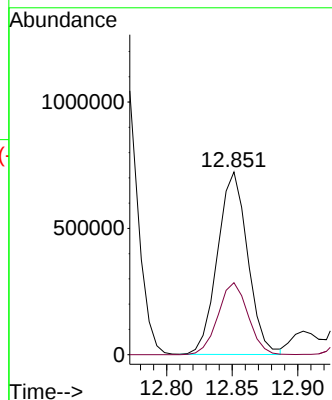
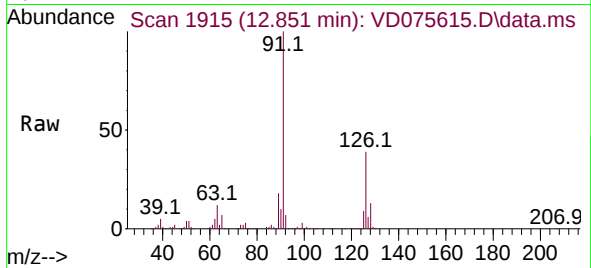




#79
2-Chlorotoluene
Concen: 141.245 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

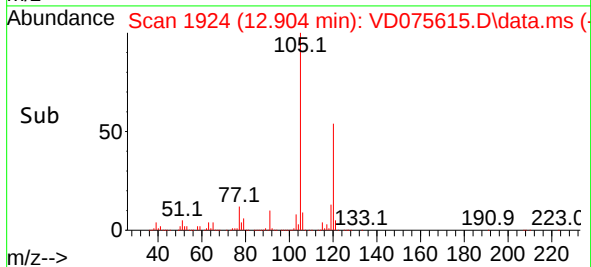
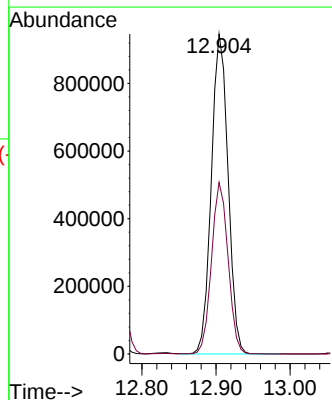
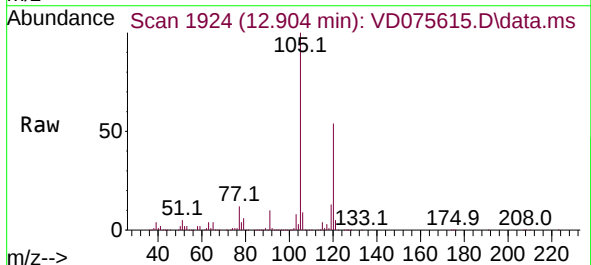
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

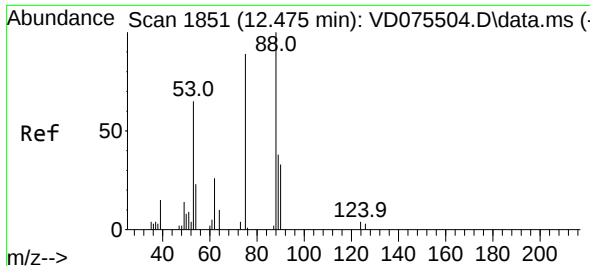
Tgt Ion: 91 Resp: 1156044
Ion Ratio Lower Upper
91 100
126 39.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 146.714 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 105 Resp: 1478897
Ion Ratio Lower Upper
105 100
120 53.1 24.3 72.8

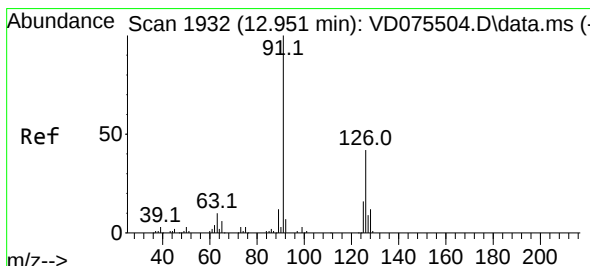
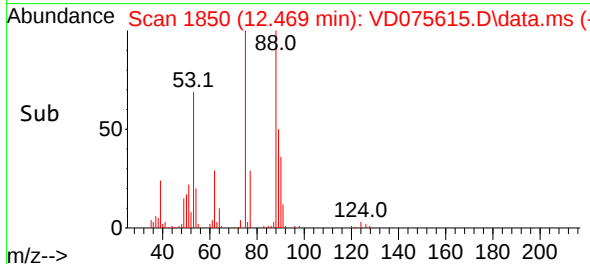
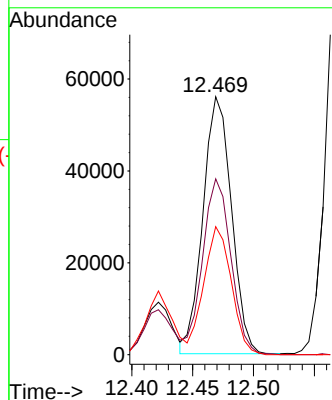
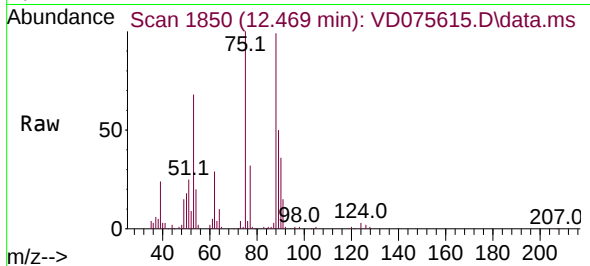




#81
trans-1,4-Dichloro-2-butene
Concen: 134.254 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

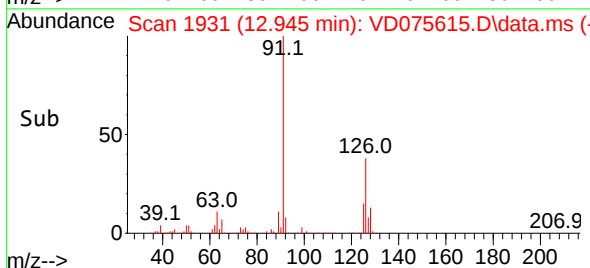
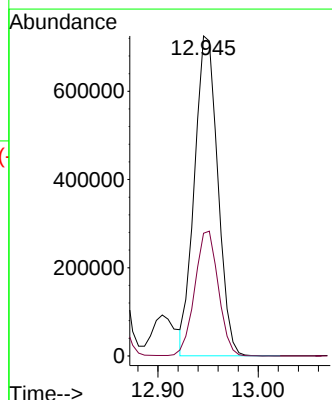
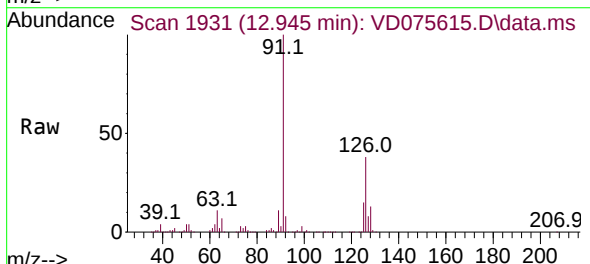
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

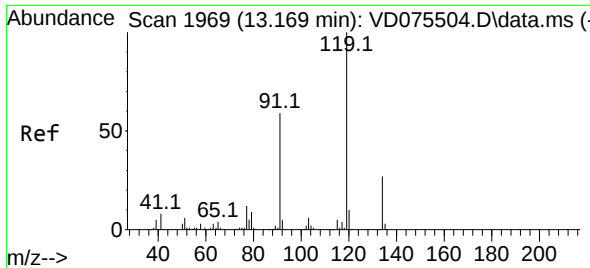
Tgt Ion: 75 Resp: 90928
Ion Ratio Lower Upper
75 100
53 68.6 90.5 135.7#
89 48.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 138.148 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion: 91 Resp: 1172924
Ion Ratio Lower Upper
91 100
126 39.6 17.1 51.2

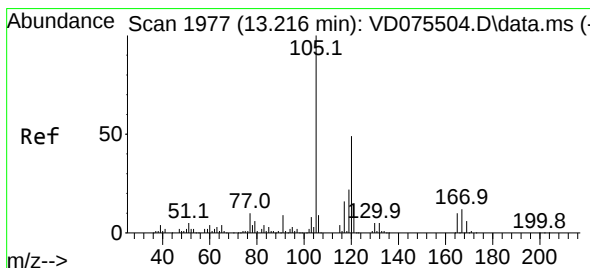
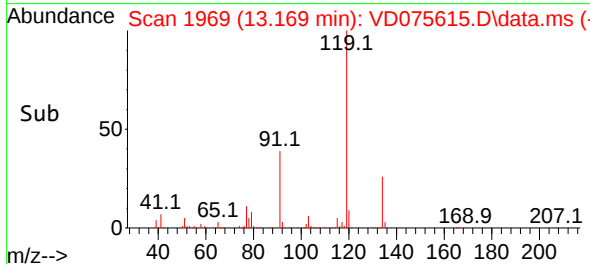
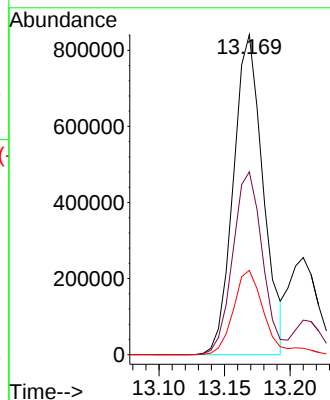
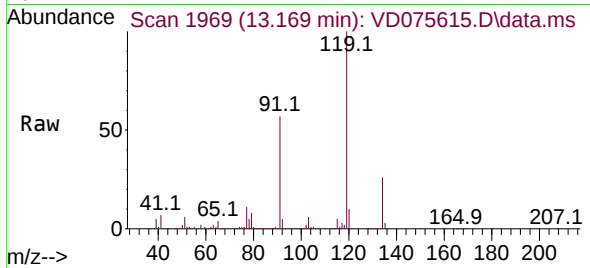




#83
 tert-Butylbenzene
 Concen: 151.988 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

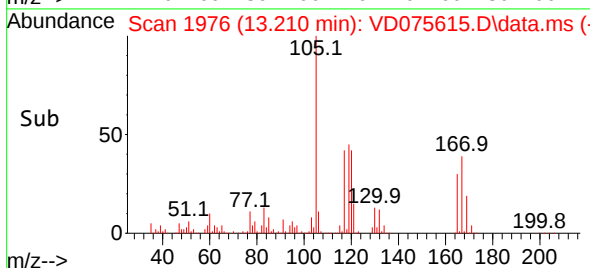
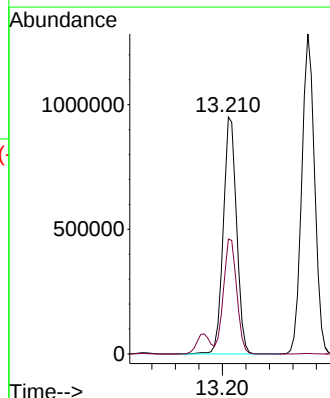
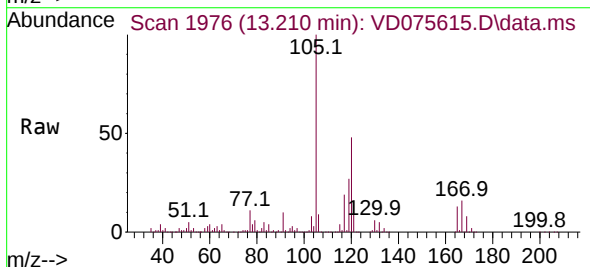
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

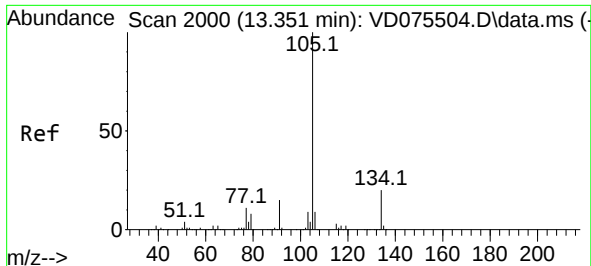
Tgt Ion:119 Resp: 1330236
 Ion Ratio Lower Upper
 119 100
 91 57.7 32.4 97.0
 134 27.7 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 145.971 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion:105 Resp: 1485884
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.3 66.9

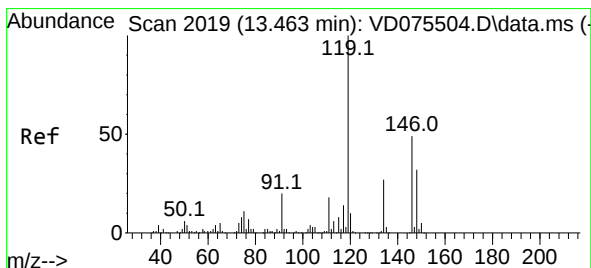
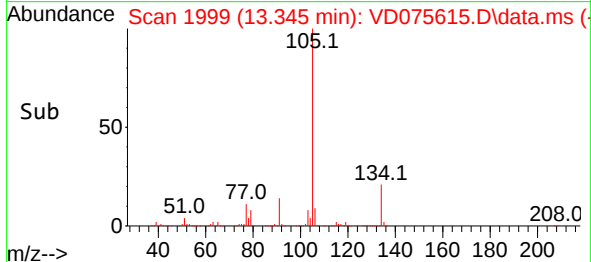
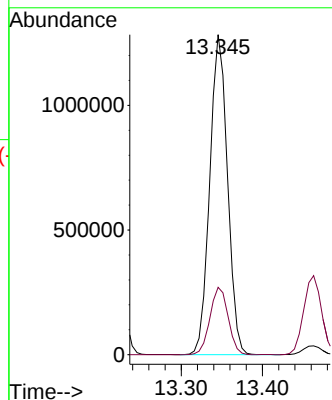
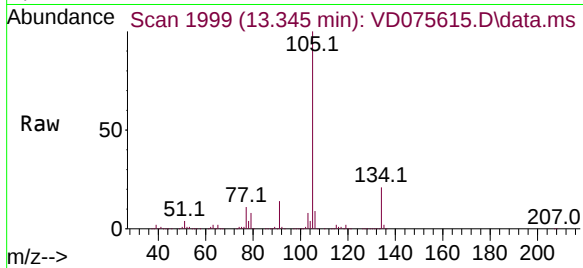




#85
 sec-Butylbenzene
 Concen: 145.373 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

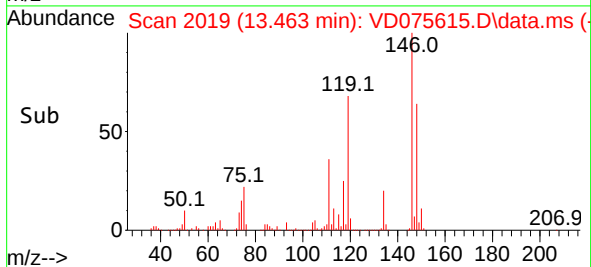
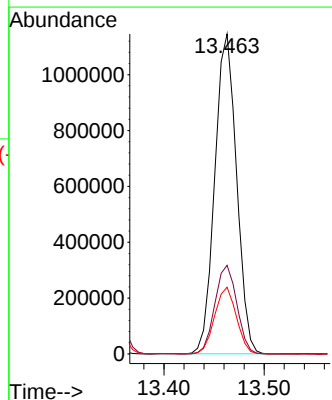
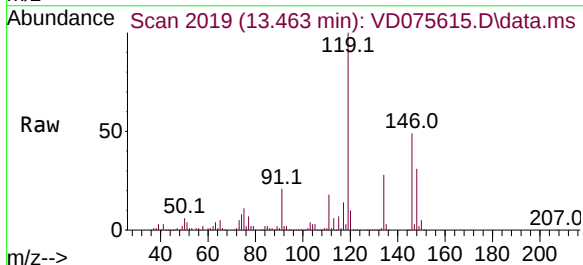
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

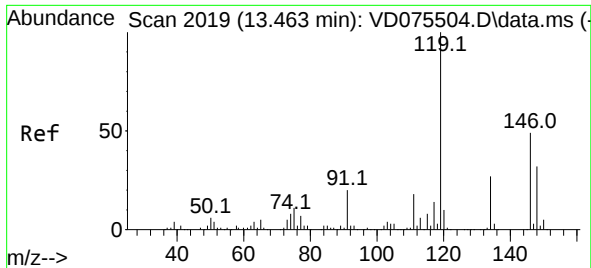
Tgt Ion:105 Resp: 1944365
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 153.585 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion:119 Resp: 1726759
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.1 39.3
 91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 147.367 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

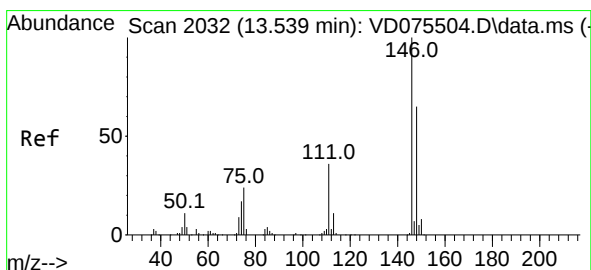
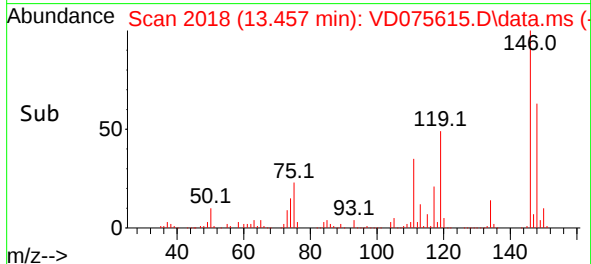
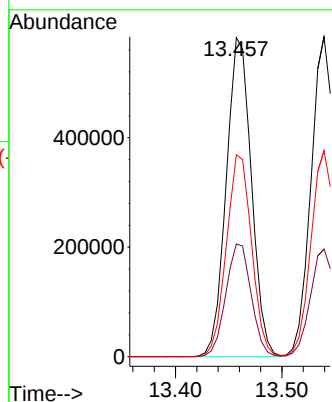
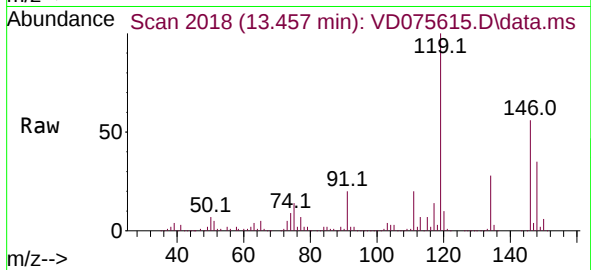
Tgt Ion:146 Resp: 956015

Ion Ratio Lower Upper

146 100

111 35.6 19.8 59.3

148 63.6 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 145.537 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

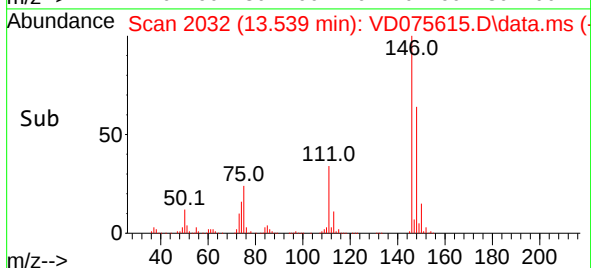
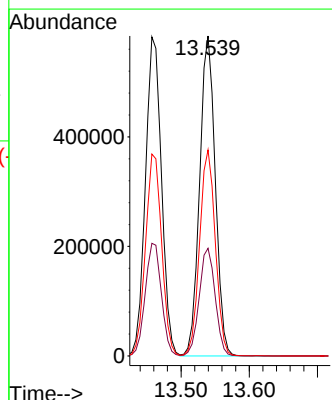
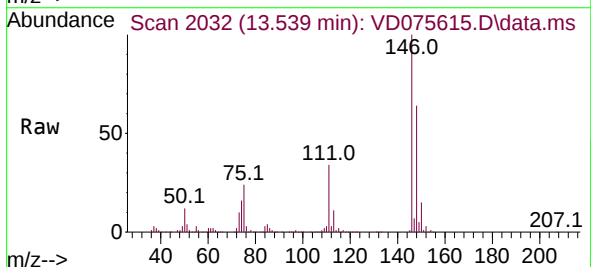
Tgt Ion:146 Resp: 933757

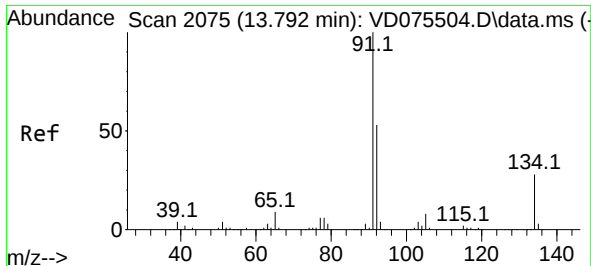
Ion Ratio Lower Upper

146 100

111 34.2 19.6 58.8

148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 156.799 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Instrument :

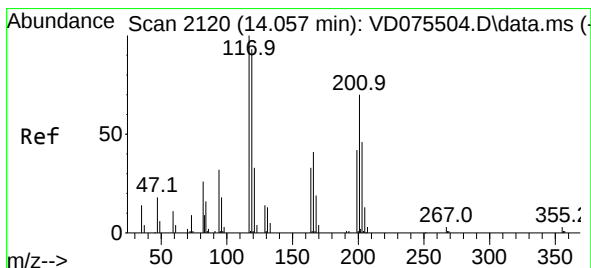
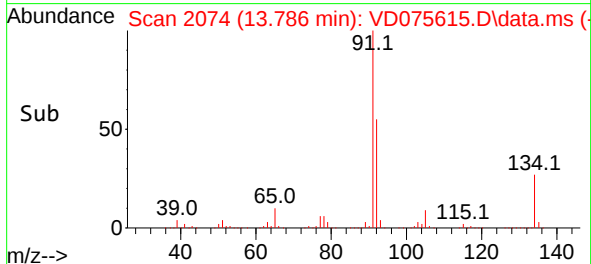
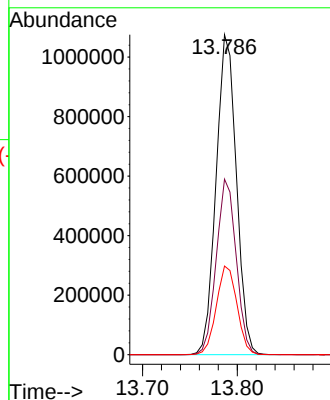
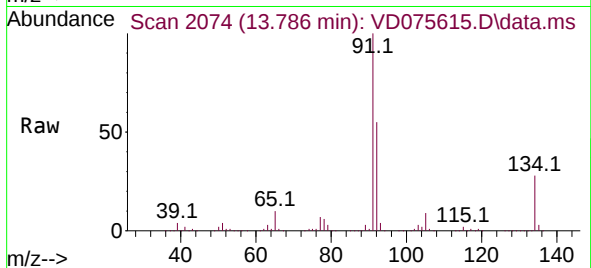
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1602827

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.2	78.5
134	28.2	12.7	38.0



#90

Hexachloroethane

Concen: 149.026 ug/l

RT: 14.057 min Scan# 2120

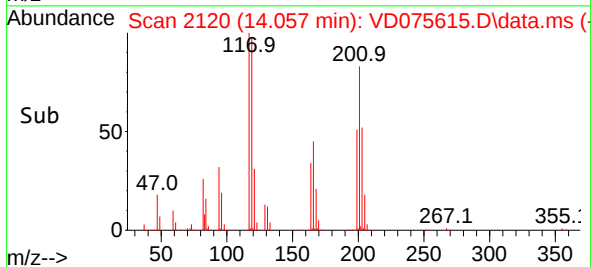
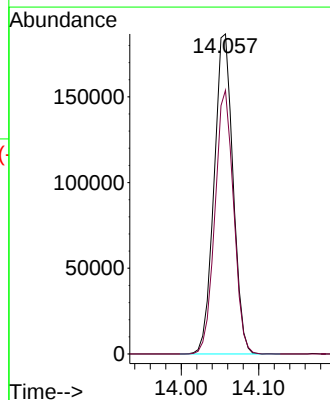
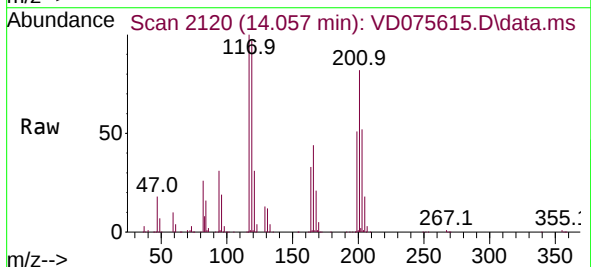
Delta R.T. -0.000 min

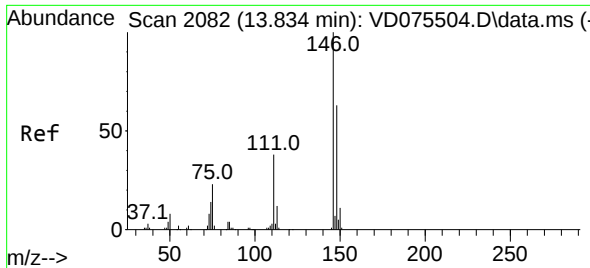
Lab File: VD075615.D

Acq: 10 Apr 2023 19:21

Tgt Ion: 117 Resp: 316938

Ion	Ratio	Lower	Upper
117	100		
201	81.0	34.5	103.6

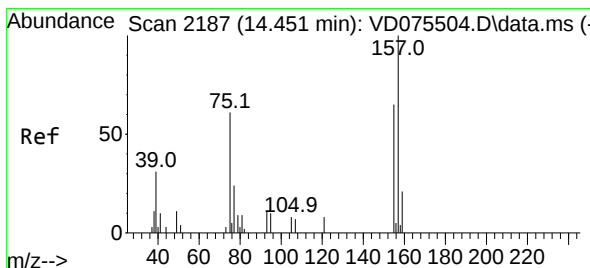
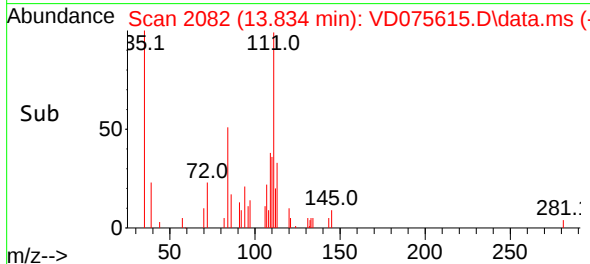
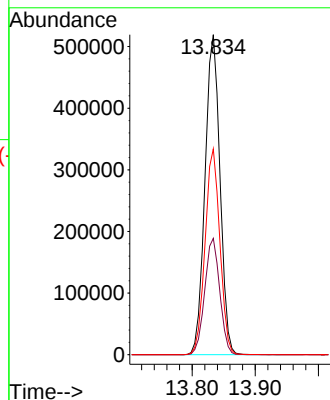
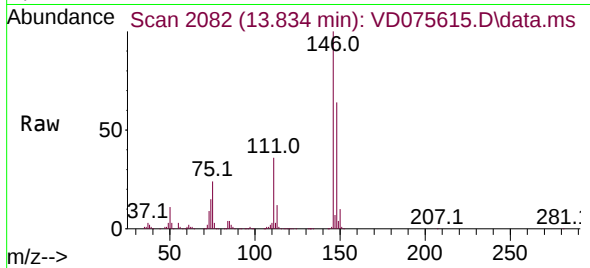




#91
 1,2-Dichlorobenzene
 Concen: 152.876 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

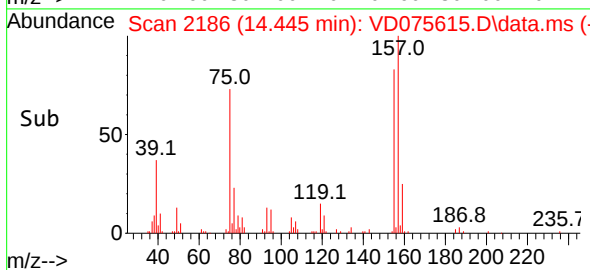
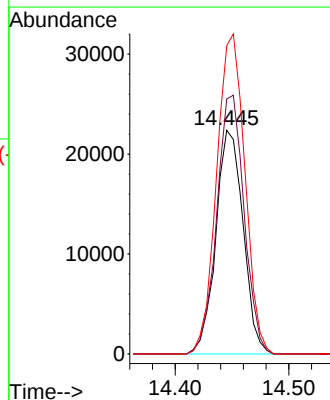
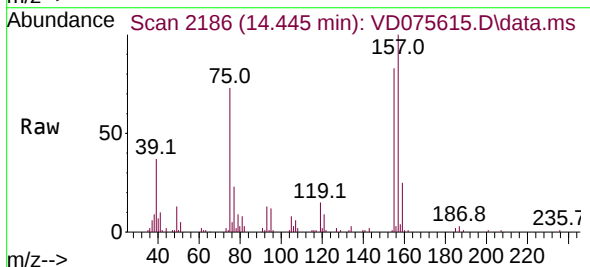
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

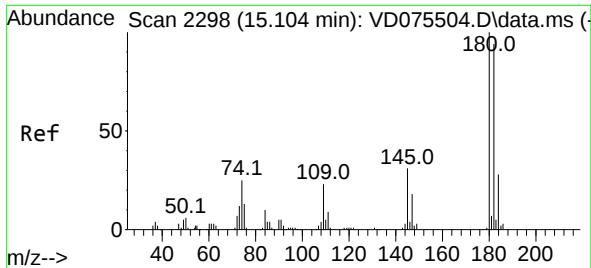
Tgt Ion:146 Resp: 854877
 Ion Ratio Lower Upper
 146 100
 111 36.5 20.6 61.8
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 129.730 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD075615.D
 Acq: 10 Apr 2023 19:21

Tgt Ion: 75 Resp: 37360
 Ion Ratio Lower Upper
 75 100
 155 116.2 39.5 118.5
 157 148.0 53.5 160.7

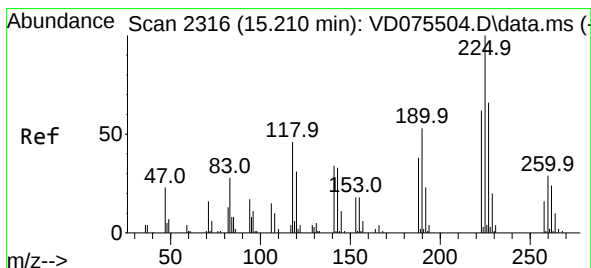
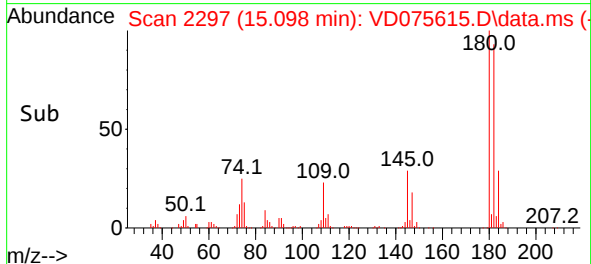
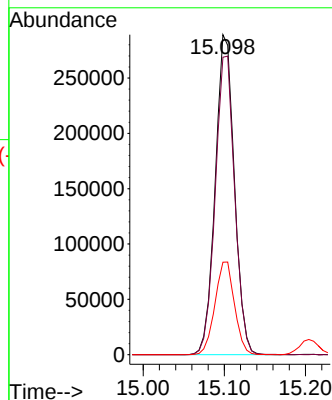
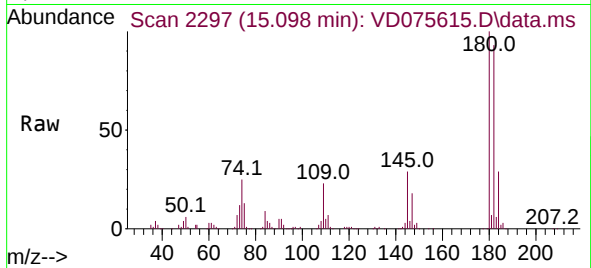




#93
1,2,4-Trichlorobenzene
Concen: 159.927 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

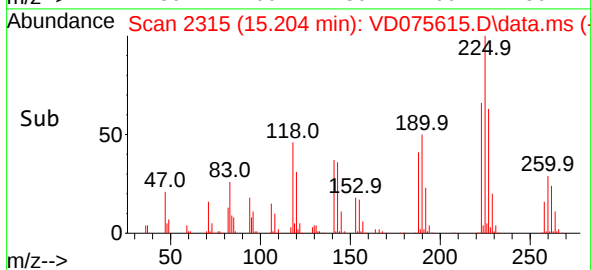
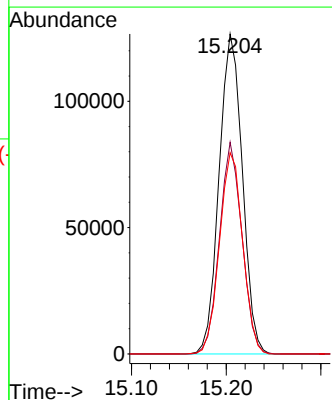
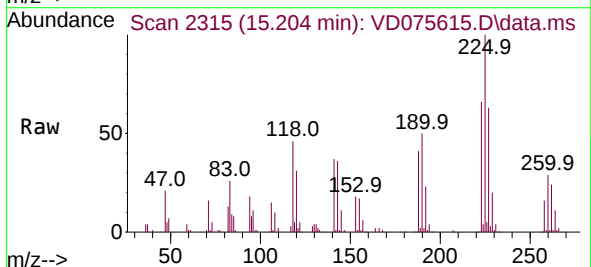
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

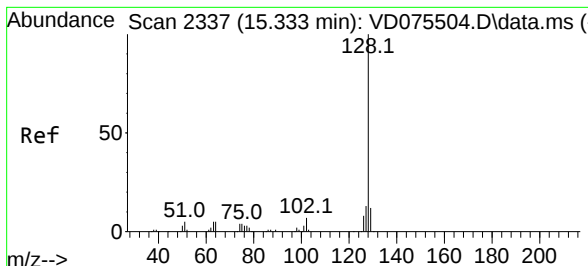
Tgt Ion:180 Resp: 474323
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 29.6 15.9 47.7



#94
Hexachlorobutadiene
Concen: 154.018 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:225 Resp: 216376
Ion Ratio Lower Upper
225 100
223 63.9 33.1 99.2
227 62.7 31.9 95.9

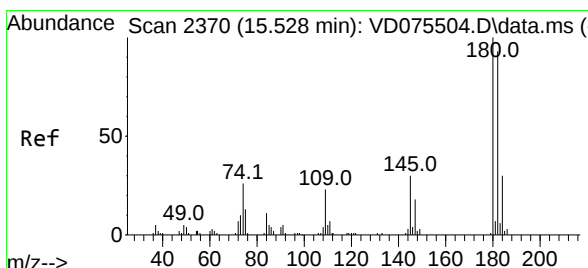
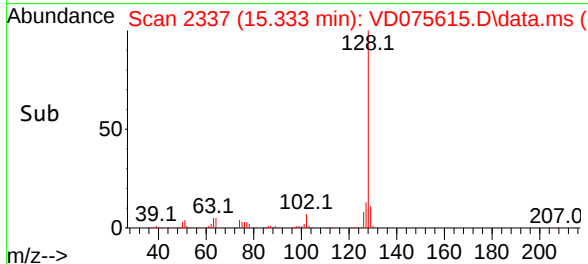
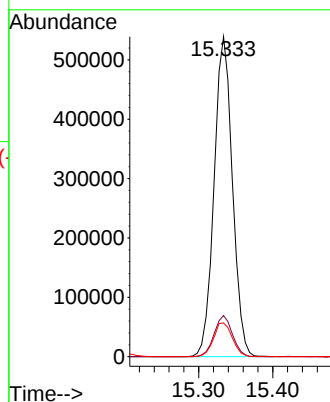
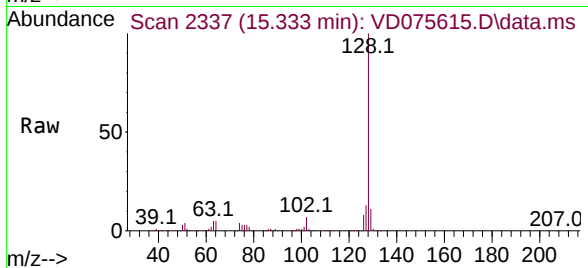




#95
Naphthalene
Concen: 164.508 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 926420
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 154.789 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075615.D
Acq: 10 Apr 2023 19:21

Tgt Ion:180 Resp: 406755
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 31.1 16.4 49.4

