

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076151.D
 Acq On : 19 May 2023 12:05
 Operator : KP/SY
 Sample : VD0519SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Quant Time: May 19 15:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91013	52.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.805	113	103551	46.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.400%	
50) Toluene-d8	10.269	98	407338	46.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.575	95	113127	46.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	33486	20.895	ug/l	99
3) Chloromethane	2.146	50	65891	22.602	ug/l	99
4) Vinyl Chloride	2.281	62	80012	23.149	ug/l	99
5) Bromomethane	2.675	94	54954	23.616	ug/l	94
6) Chloroethane	2.828	64	54639	23.497	ug/l	98
7) Trichlorofluoromethane	3.170	101	60616	20.691	ug/l	95
8) Diethyl Ether	3.593	74	19564	20.307	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.964	101	38865	20.140	ug/l	94
10) Methyl Iodide	4.158	142	45532	22.693	ug/l	90
11) Tert butyl alcohol	5.058	59	9387	103.327	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	38612	20.105	ug/l	90
13) Acrolein	3.799	56	20197	90.838	ug/l	97
14) Allyl chloride	4.564	41	38922	19.969	ug/l #	80
15) Acrylonitrile	5.258	53	43109	108.070	ug/l	97
16) Acetone	4.022	43	36438	106.638	ug/l #	80
17) Carbon Disulfide	4.264	76	117343	20.951	ug/l	98
18) Methyl Acetate	4.564	43	25528	20.944	ug/l #	74
19) Methyl tert-butyl Ether	5.311	73	77443	20.602	ug/l	97
20) Methylene Chloride	4.793	84	64367	17.662	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	44767	20.225	ug/l #	81
22) Diisopropyl ether	6.211	45	96777	21.391	ug/l #	94
23) Vinyl Acetate	6.158	43	182822	102.773	ug/l #	90
24) 1,1-Dichloroethane	6.111	63	77497	21.720	ug/l	98
25) 2-Butanone	7.081	43	45640	106.229	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	62452	21.466	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	50930	20.735	ug/l	85
28) Bromochloromethane	7.428	49	27347	22.986	ug/l #	74
29) Tetrahydrofuran	7.452	42	25701	102.632	ug/l #	69
30) Chloroform	7.599	83	83460	21.873	ug/l	97
31) Cyclohexane	7.875	56	51615	19.624	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	63455	20.868	ug/l	99
36) 1,1-Dichloropropene	8.005	75	56806	18.768	ug/l	96
37) Ethyl Acetate	7.169	43	18534	17.683	ug/l #	79
38) Carbon Tetrachloride	7.993	117	47980	17.549	ug/l	96
39) Methylcyclohexane	9.275	83	59533	17.084	ug/l	92
40) Benzene	8.252	78	184480	18.958	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10599	18.442	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	45456	19.749	ug/l	93
43) Isopropyl Acetate	8.358	43	33480	17.100	ug/l #	77
44) Trichloroethene	9.028	130	48699	17.757	ug/l	94
45) 1,2-Dichloropropane	9.305	63	44950	18.727	ug/l #	88
46) Dibromomethane	9.393	93	25917	19.263	ug/l	98
47) Bromodichloromethane	9.581	83	61429	18.997	ug/l #	98
48) Methyl methacrylate	9.381	41	14446	16.671	ug/l #	60
49) 1,4-Dioxane	9.393	88	5012	348.359	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	93937	90.210	ug/l #	85
52) Toluene	10.334	92	116661	19.195	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	53990	18.526	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	66883	18.805	ug/l #	73
55) 1,1,2-Trichloroethane	10.734	97	36538	18.938	ug/l	93
56) Ethyl methacrylate	10.599	69	32995	17.014	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	58853	19.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	83871	90.137	ug/l	90
59) 2-Hexanone	10.922	43	65468	89.150	ug/l	77
60) Dibromochloromethane	11.075	129	41247	19.013	ug/l	99
61) 1,2-Dibromoethane	11.181	107	32774	19.096	ug/l	97
64) Tetrachloroethene	10.810	164	37882	16.582	ug/l	92
65) Chlorobenzene	11.610	112	123804	18.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	42946	18.452	ug/l	95
67) Ethyl Benzene	11.687	91	193440	17.899	ug/l	96
68) m/p-Xylenes	11.793	106	165441	37.456	ug/l	91
69) o-Xylene	12.122	106	74409	18.463	ug/l	89
70) Styrene	12.140	104	130049	18.612	ug/l	94
71) Bromoform	12.299	173	23319	17.812	ug/l #	99
73) Isopropylbenzene	12.422	105	178530	17.695	ug/l	99
74) N-amyl acetate	12.234	43	31081	17.295	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	42866	19.768	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	46371	34.743	ug/l #	100
77) Bromobenzene	12.698	156	47663	17.625	ug/l	96
78) n-propylbenzene	12.763	91	236908	18.864	ug/l	98
79) 2-Chlorotoluene	12.851	91	131483	18.917	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	153965	18.408	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	11815	18.570	ug/l #	75
82) 4-Chlorotoluene	12.946	91	142783	19.313	ug/l	95
83) tert-Butylbenzene	13.169	119	125188	17.710	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	156974	18.845	ug/l	96
85) sec-Butylbenzene	13.346	105	208106	18.891	ug/l	99
86) p-Isopropyltoluene	13.463	119	167175	18.546	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	101766	18.612	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	104530	19.307	ug/l	96
89) n-Butylbenzene	13.787	91	154607	18.201	ug/l	98
90) Hexachloroethane	14.051	117	34553	18.636	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	87908	18.321	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5411	19.218	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	41978	15.040	ug/l	97
94) Hexachlorobutadiene	15.204	225	21605	15.182	ug/l	97
95) Naphthalene	15.334	128	81560	15.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	39226	15.453	ug/l	99

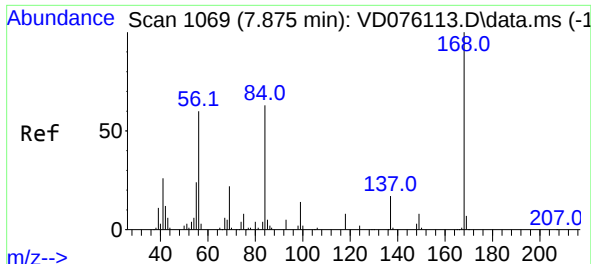
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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

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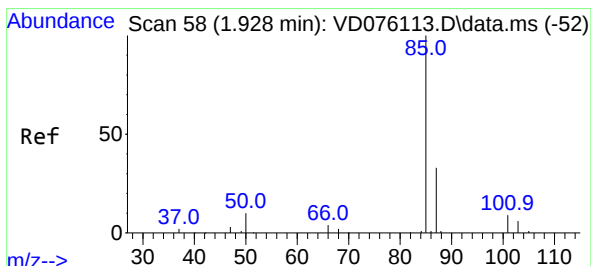
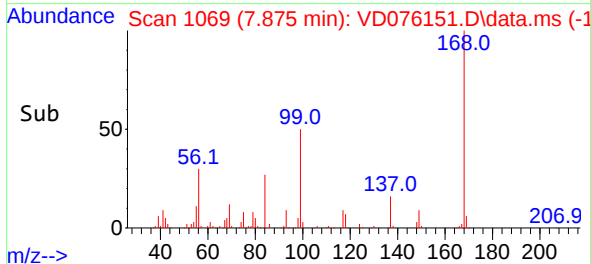
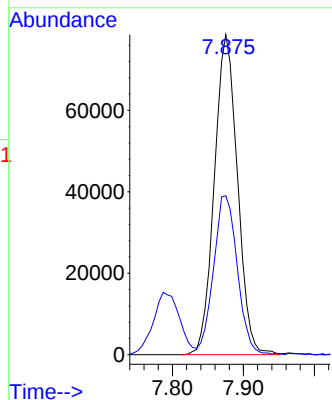
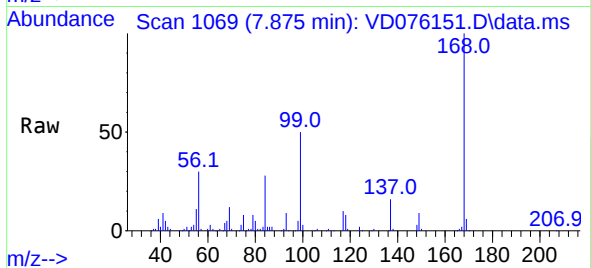
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076151.D
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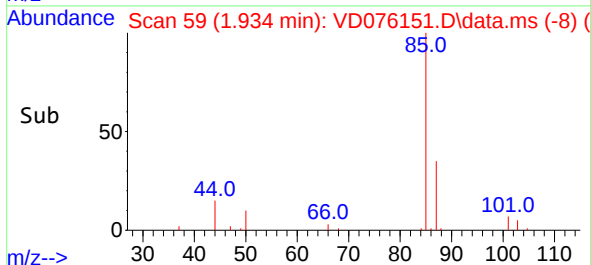
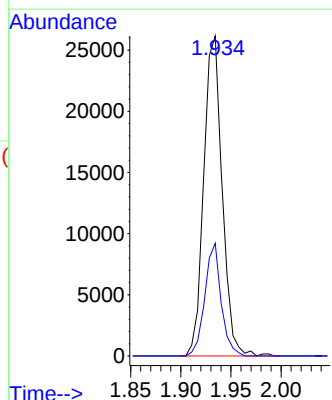
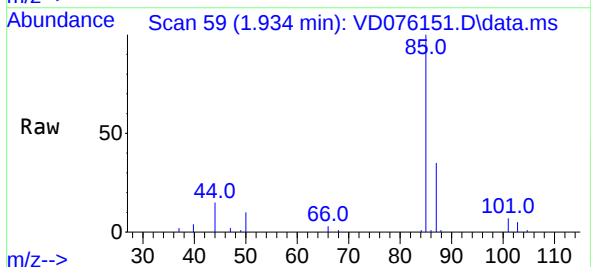
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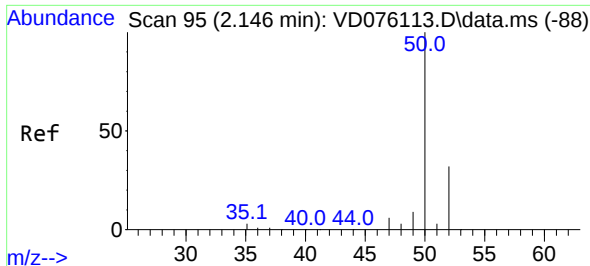
Tgt Ion:168 Resp: 177697
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 20.895 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 85 Resp: 33486
Ion Ratio Lower Upper
85 100
87 35.2 17.3 51.7

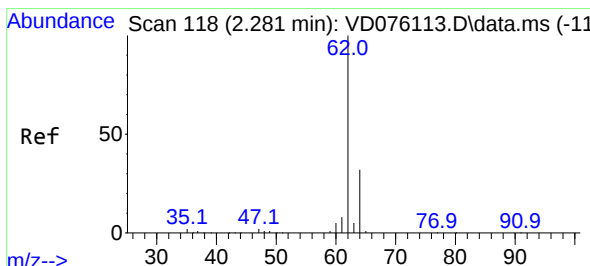
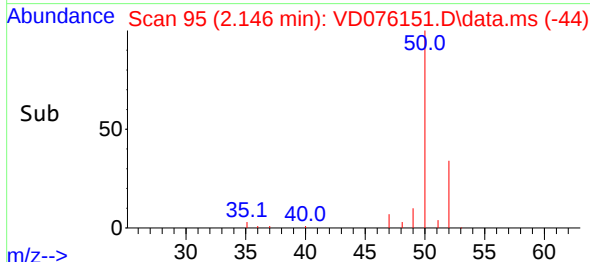
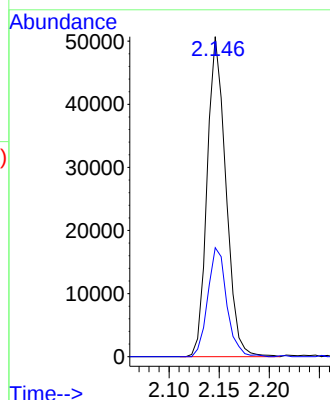
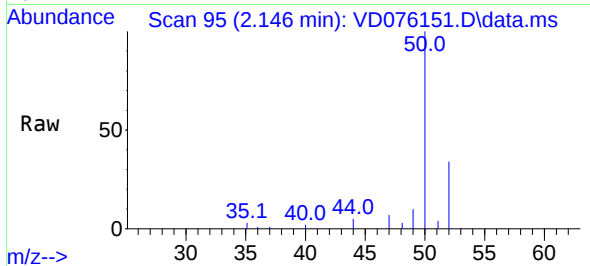




#3
Chloromethane
Concen: 22.602 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

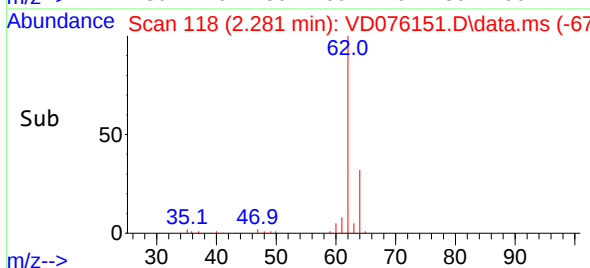
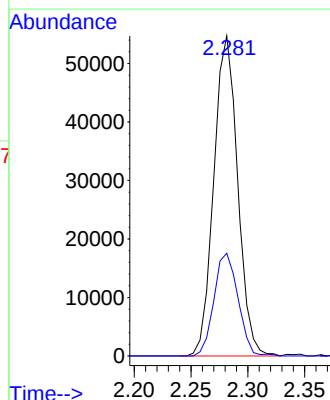
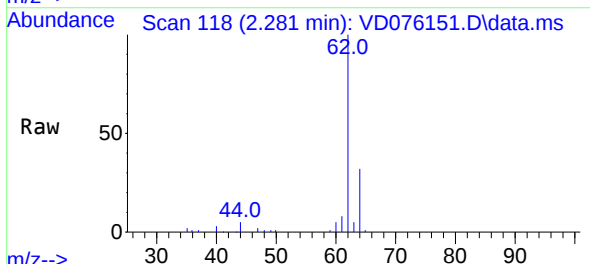
Instrument :
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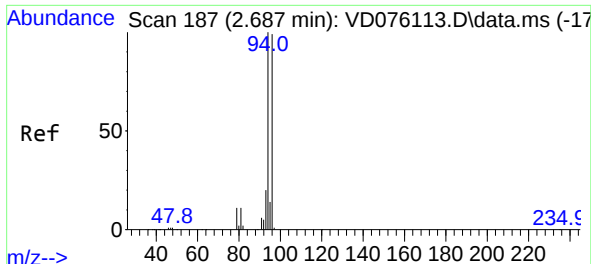
Tgt Ion: 50 Resp: 65891
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8



#4
Vinyl Chloride
Concen: 23.149 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 62 Resp: 80012
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

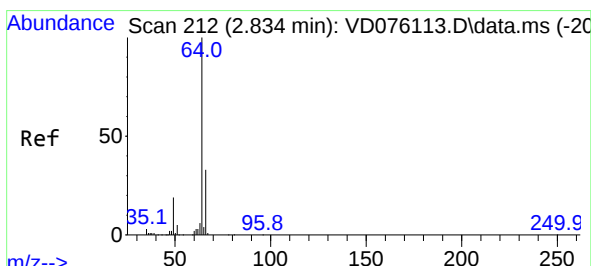
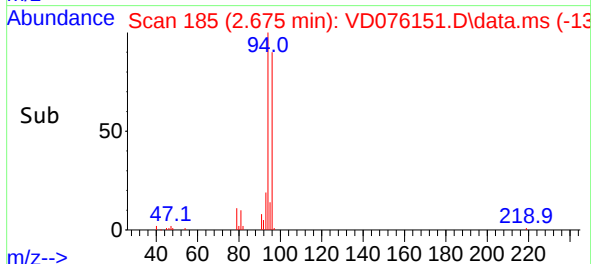
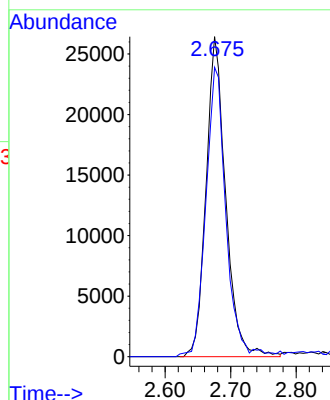
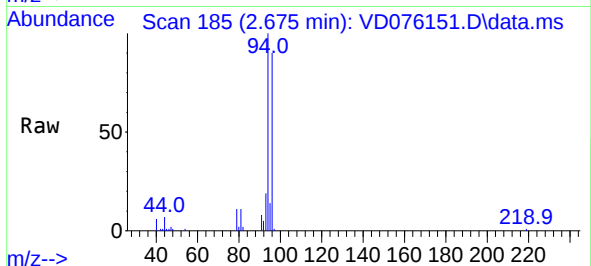




#5
Bromomethane
Concen: 23.616 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

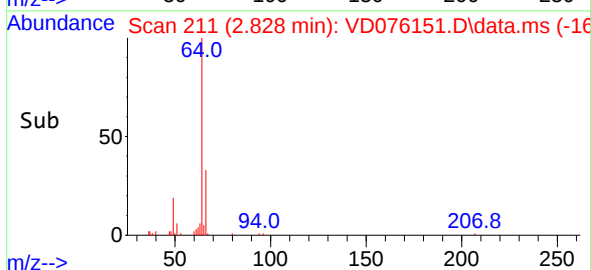
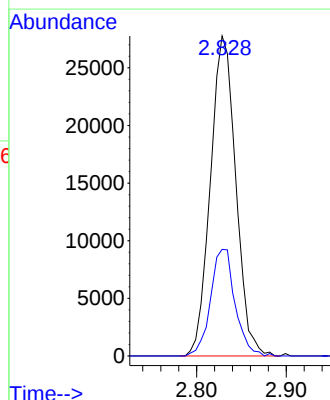
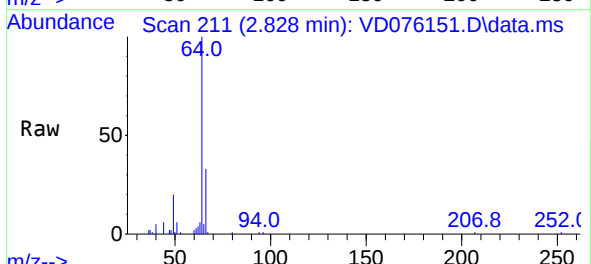
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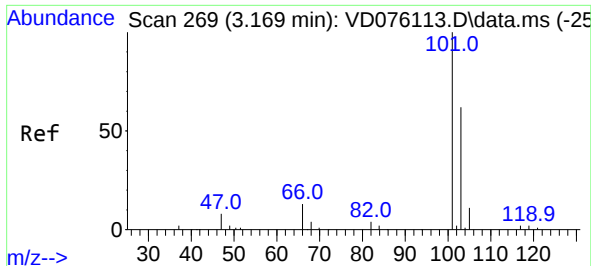
Tgt Ion: 94 Resp: 54954
Ion Ratio Lower Upper
94 100
96 91.5 77.5 116.3



#6
Chloroethane
Concen: 23.497 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 64 Resp: 54639
Ion Ratio Lower Upper
64 100
66 33.3 27.7 41.5

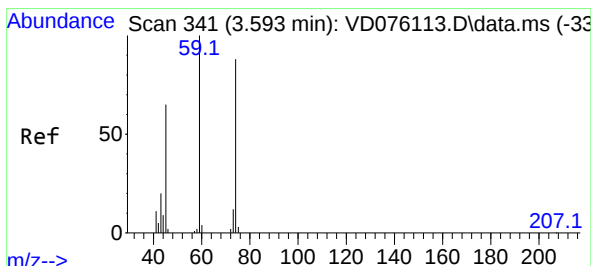
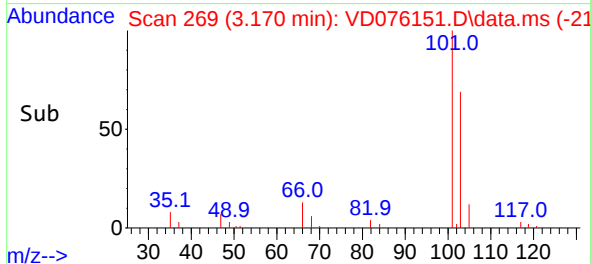
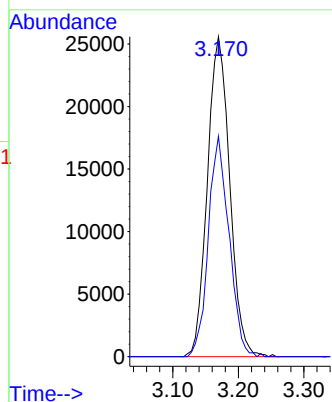
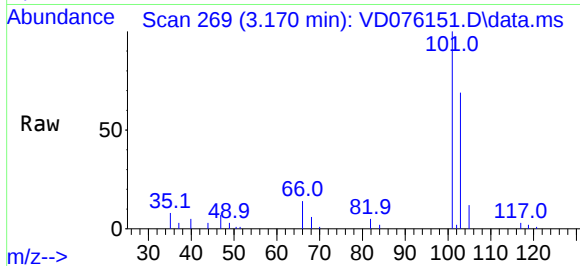




#7
Trichlorofluoromethane
Concen: 20.691 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

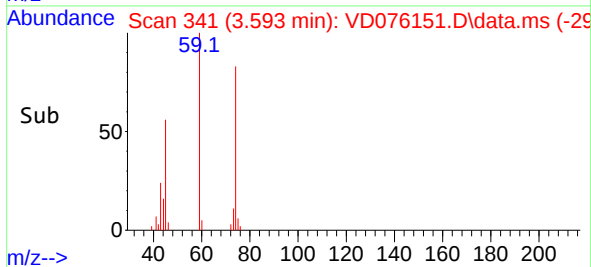
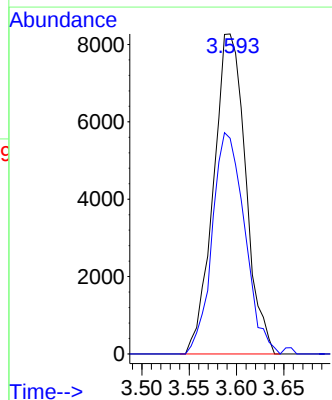
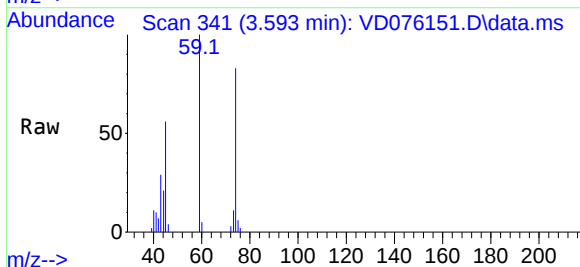
Instrument :
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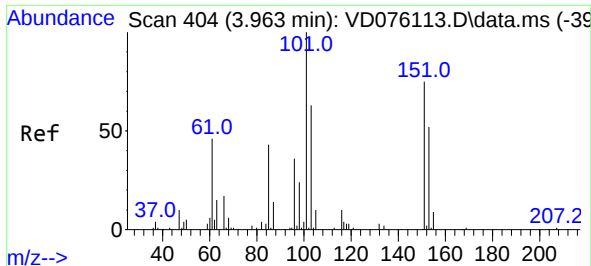
Tgt Ion:101 Resp: 60616
Ion Ratio Lower Upper
101 100
103 68.9 51.9 77.9



#8
Diethyl Ether
Concen: 20.307 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 74 Resp: 19564
Ion Ratio Lower Upper
74 100
45 69.6 50.9 152.7



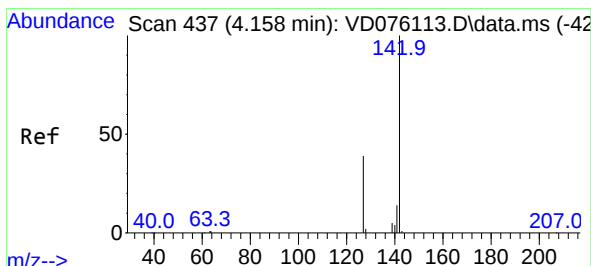
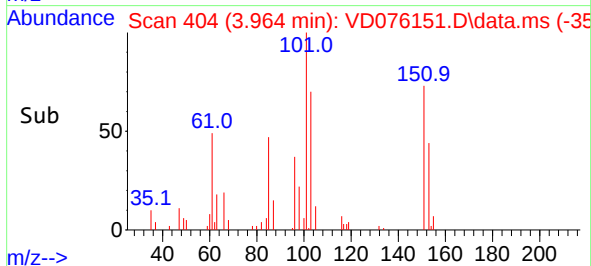
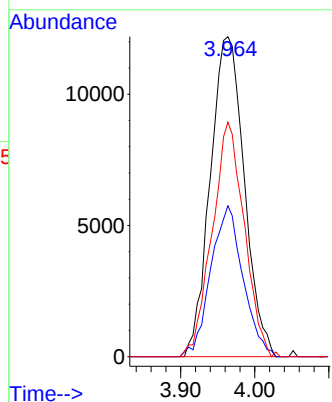
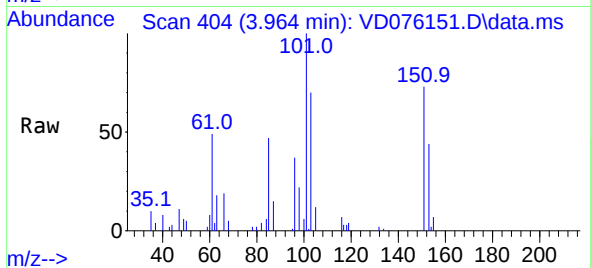


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.140 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Tgt Ion:101 Resp: 38865

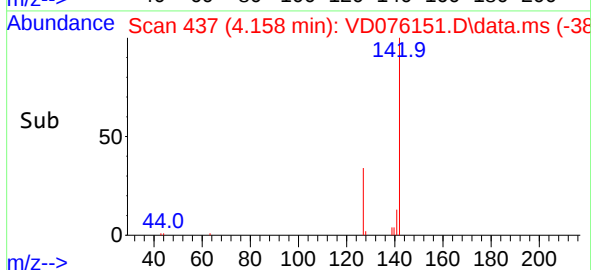
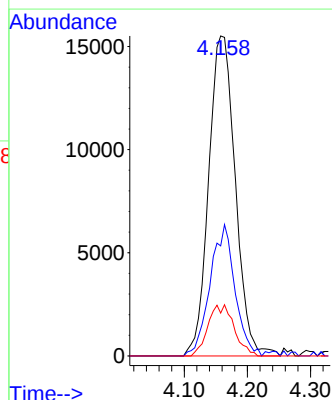
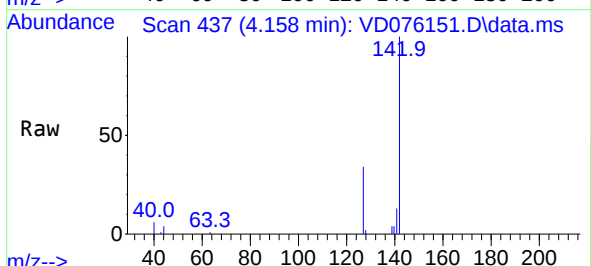
Ion	Ratio	Lower	Upper
101	100		
85	44.7	38.3	57.5
151	69.3	60.4	90.6

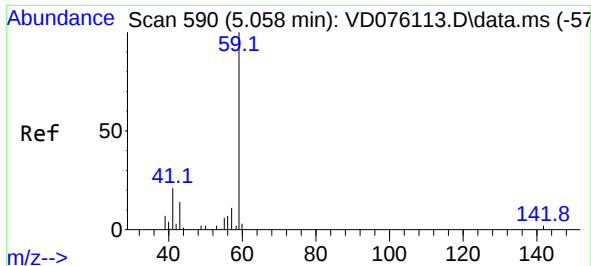


#10
Methyl Iodide
Concen: 22.693 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:142 Resp: 45532

Ion	Ratio	Lower	Upper
142	100		
127	38.2	37.1	55.7
141	15.7	11.3	16.9

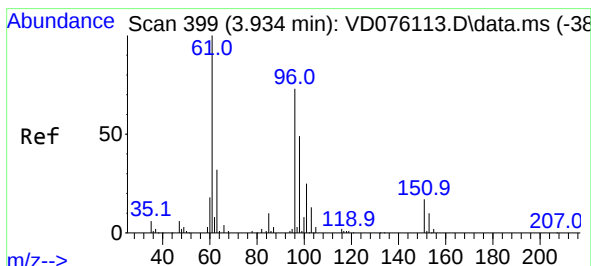
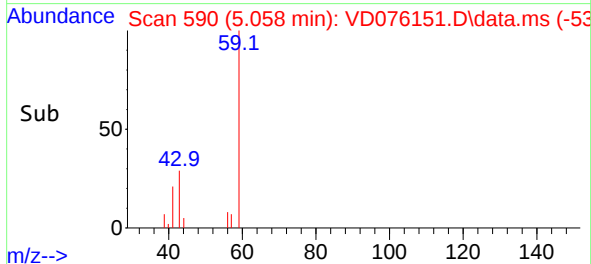
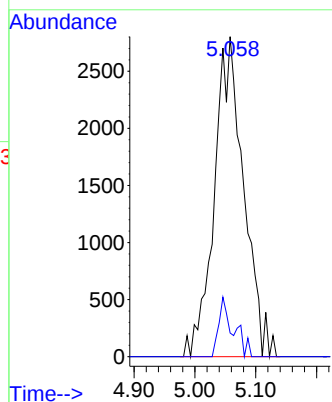
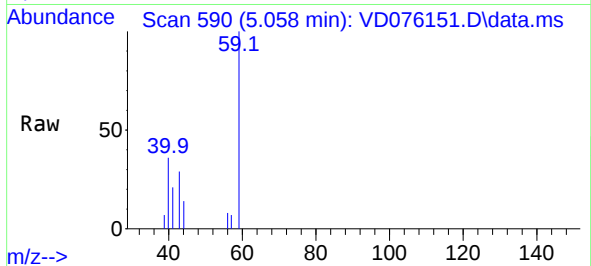




#11
Tert butyl alcohol
Concen: 103.327 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

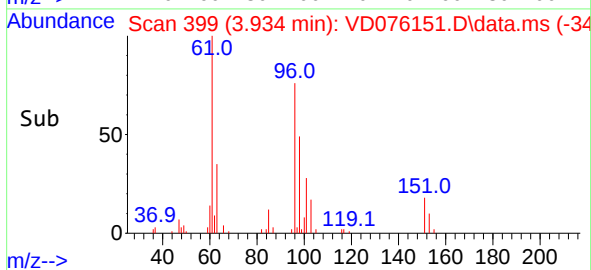
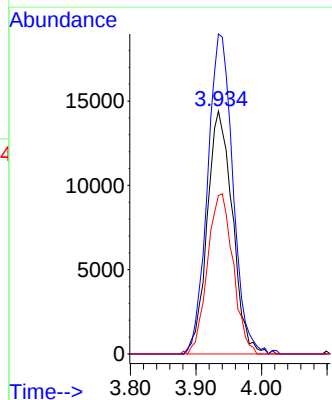
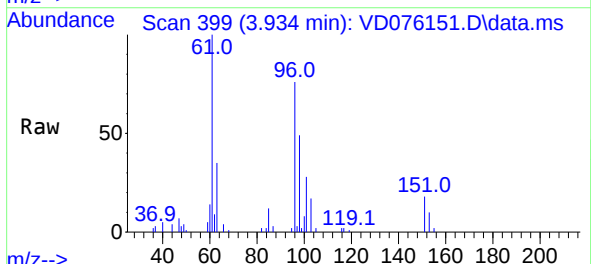
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

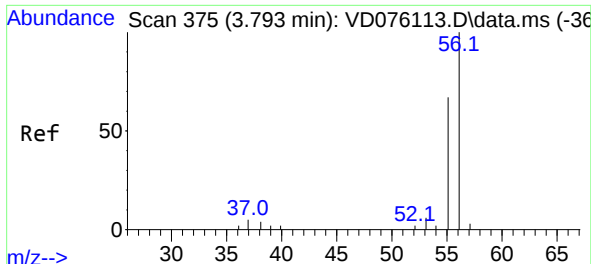
Tgt Ion: 59 Resp: 9387
Ion Ratio Lower Upper
59 100
57 6.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.105 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 96 Resp: 38612
Ion Ratio Lower Upper
96 100
61 131.8 118.6 177.8
98 65.2 49.7 74.5





#13

Acrolein

Concen: 90.838 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

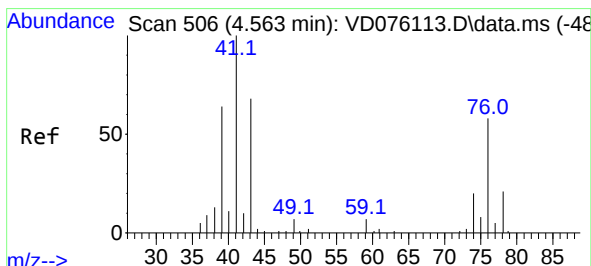
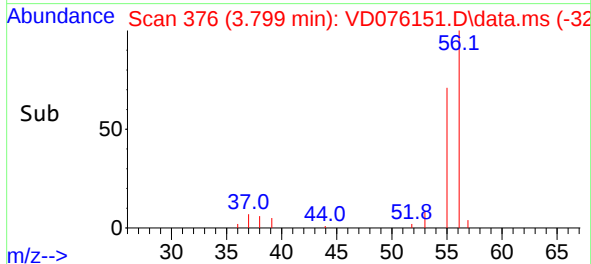
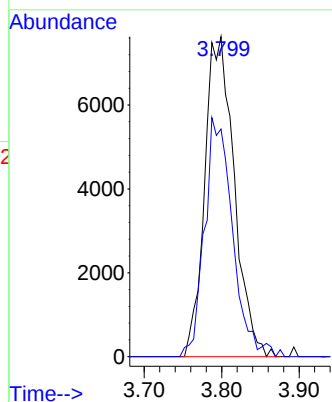
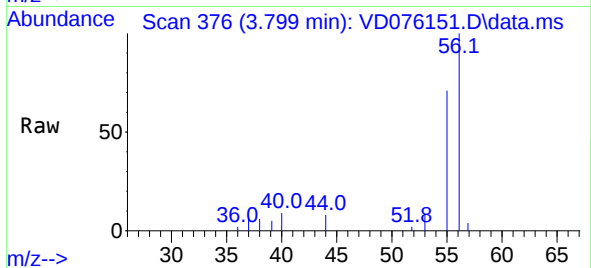
VD0519SBS01

Tgt Ion: 56 Resp: 20197

Ion Ratio Lower Upper

56 100

55 69.9 53.9 80.9



#14

Allyl chloride

Concen: 19.969 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

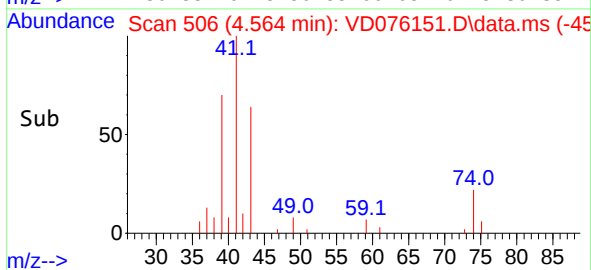
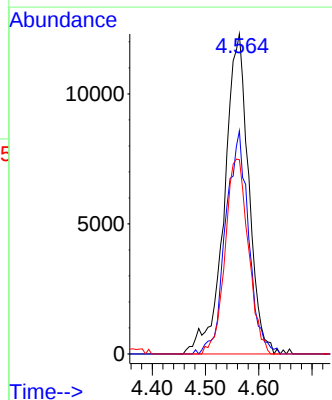
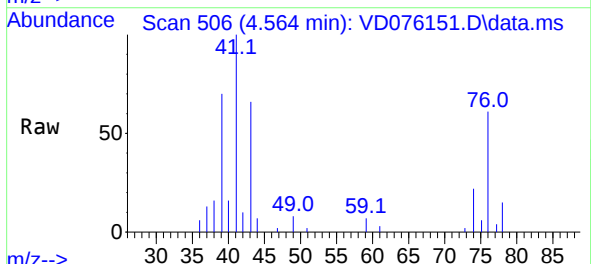
Tgt Ion: 41 Resp: 38922

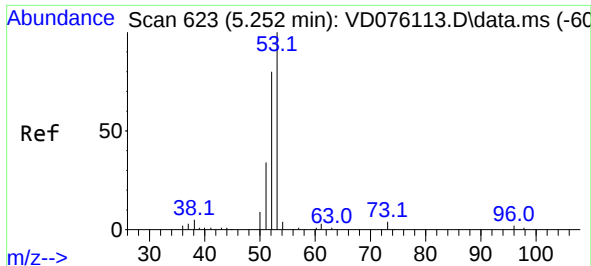
Ion Ratio Lower Upper

41 100

39 66.3 60.6 90.8

76 58.5 28.6 43.0#

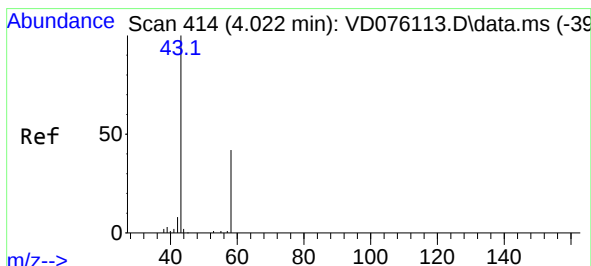
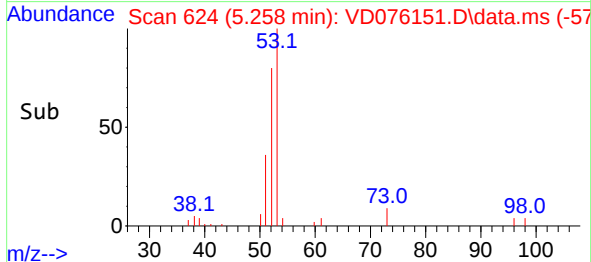
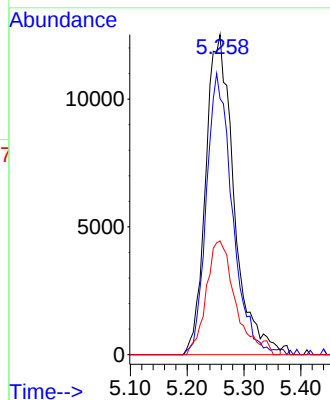
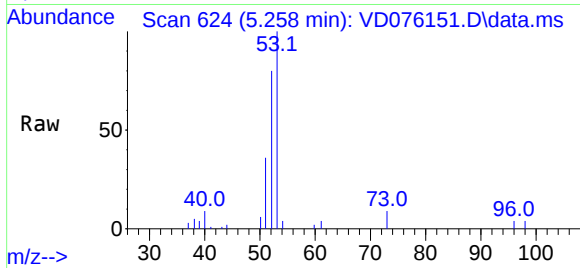




#15
Acrylonitrile
Concen: 108.070 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

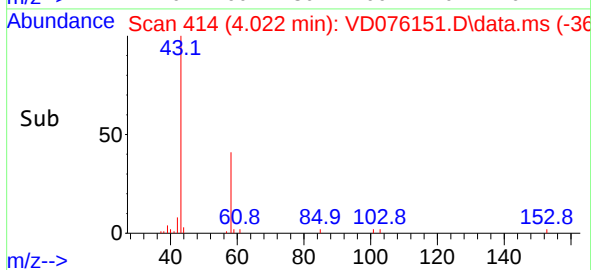
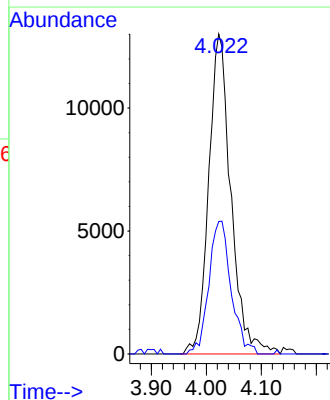
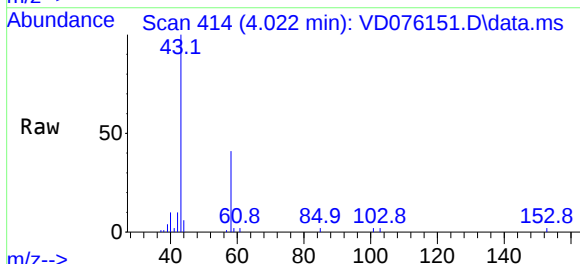
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

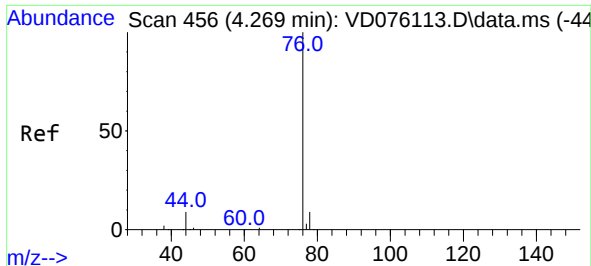
Tgt Ion: 53 Resp: 43109
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.4
51 35.8 30.7 46.1



#16
Acetone
Concen: 106.638 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 43 Resp: 36438
Ion Ratio Lower Upper
43 100
58 41.4 24.4 36.6#

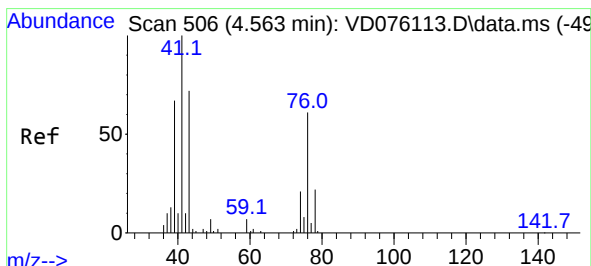
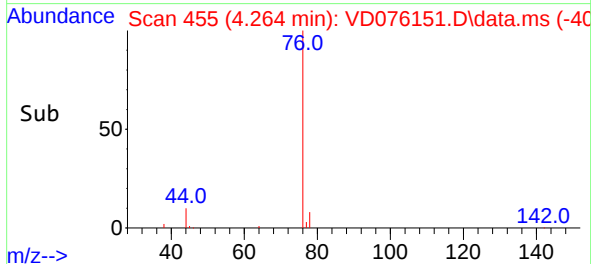
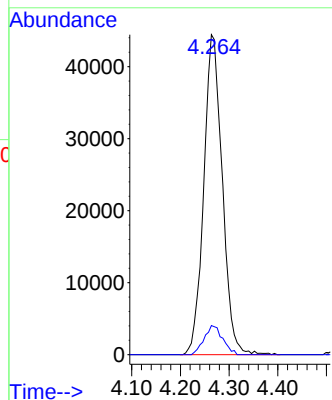
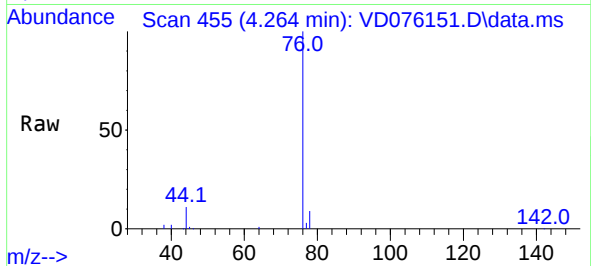




#17
Carbon Disulfide
Concen: 20.951 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

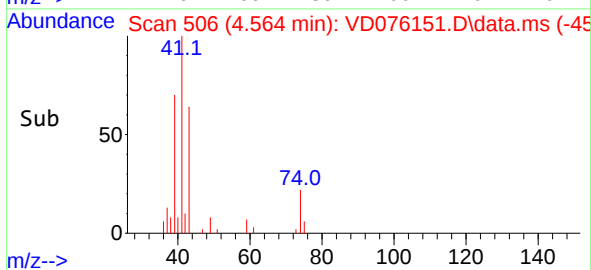
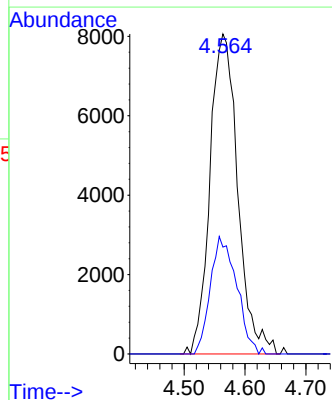
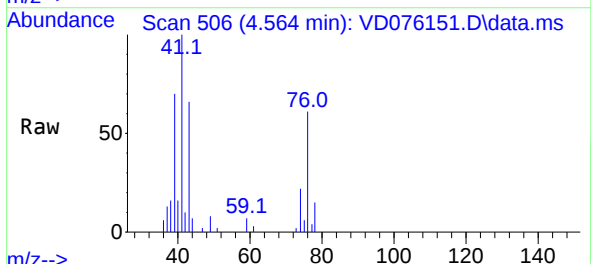
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

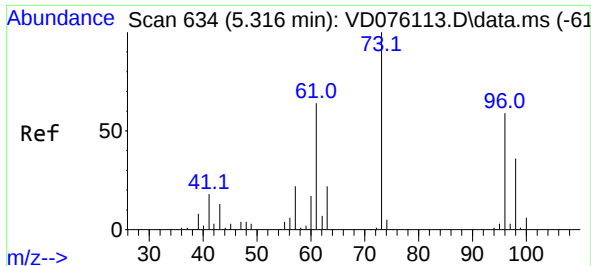
Tgt Ion: 76 Resp: 117343
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 20.944 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 43 Resp: 25528
Ion Ratio Lower Upper
43 100
74 34.8 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.602 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

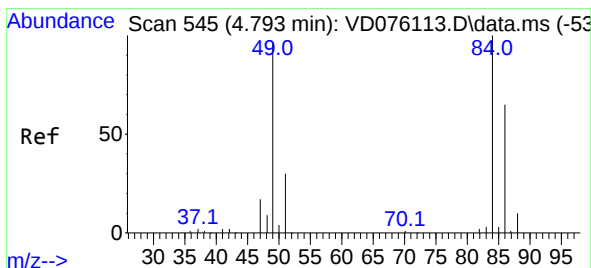
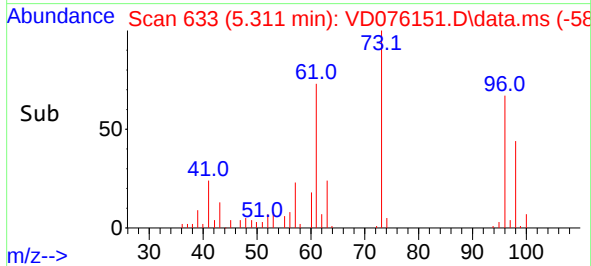
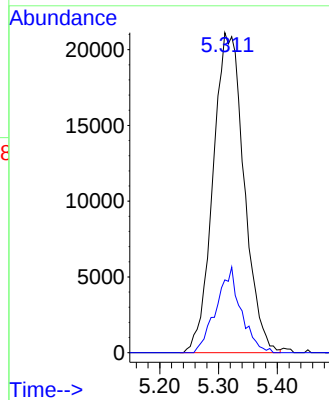
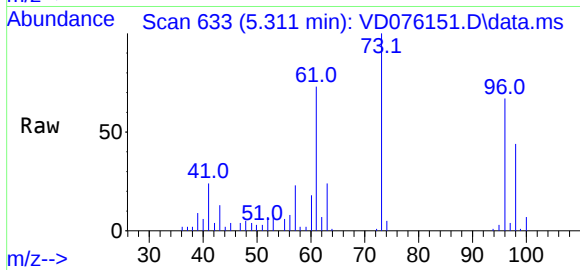
VD0519SBS01

Tgt Ion: 73 Resp: 77443

Ion Ratio Lower Upper

73 100

57 22.7 17.2 25.8



#20

Methylene Chloride

Concen: 17.662 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Tgt Ion: 84 Resp: 64367

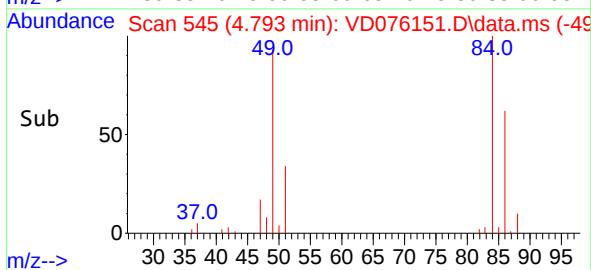
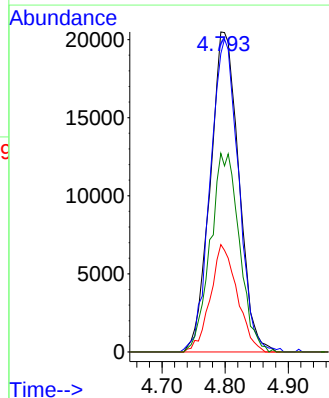
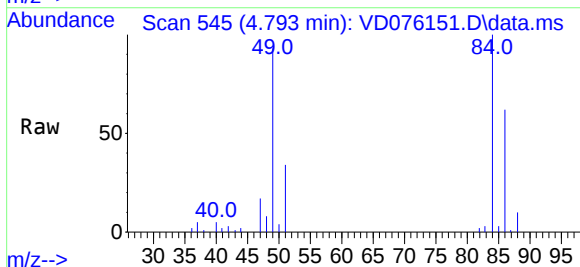
Ion Ratio Lower Upper

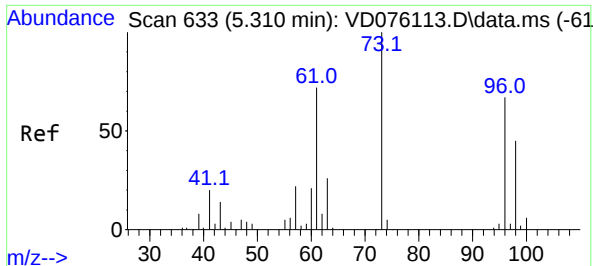
84 100

49 93.2 106.4 159.6#

51 33.5 32.4 48.6

86 62.0 50.9 76.3

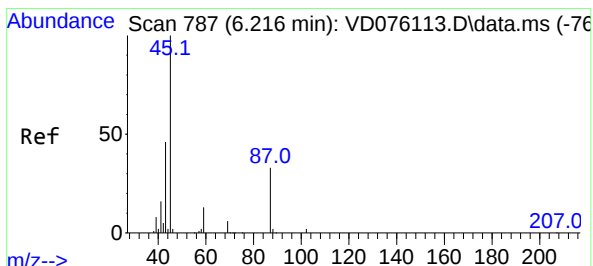
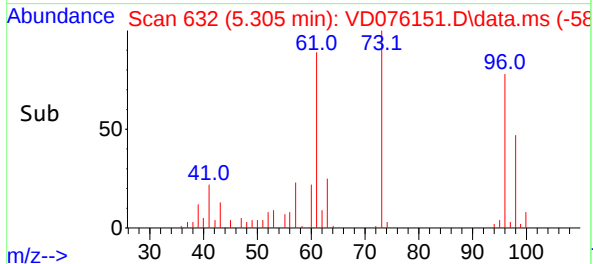
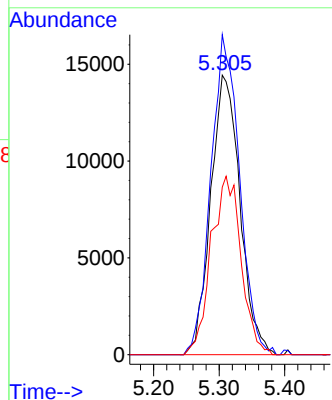
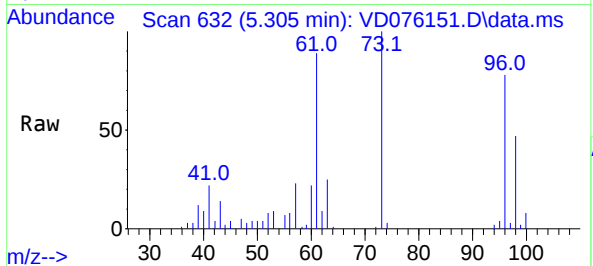




#21
trans-1,2-Dichloroethene
Concen: 20.225 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

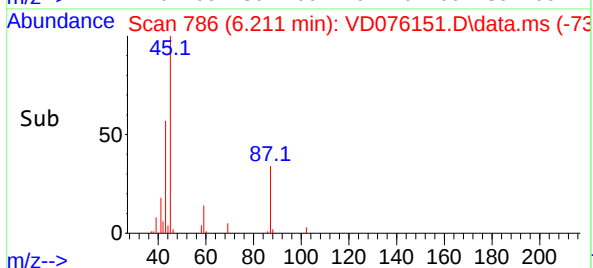
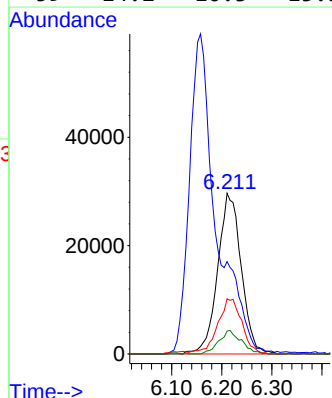
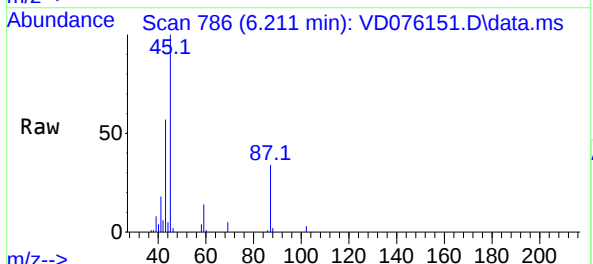
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

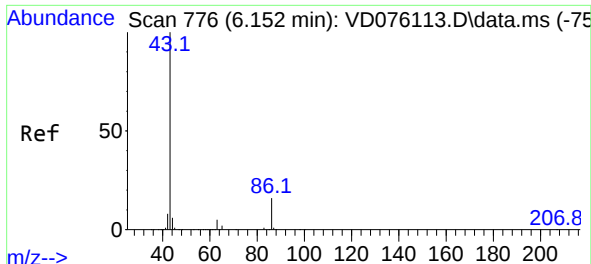
Tgt Ion: 96 Resp: 44767
Ion Ratio Lower Upper
96 100
61 114.5 117.2 175.8#
98 59.9 50.6 76.0



#22
Diisopropyl ether
Concen: 21.391 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 45 Resp: 96777
Ion Ratio Lower Upper
45 100
43 56.5 44.4 66.6
87 34.4 20.9 31.3#
59 14.2 10.3 15.5

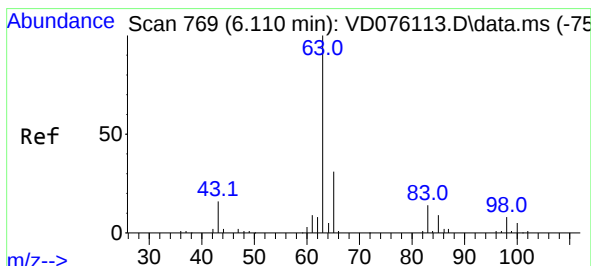
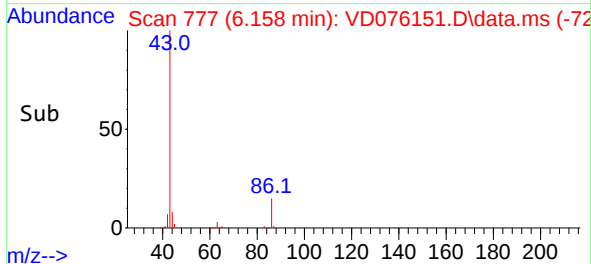
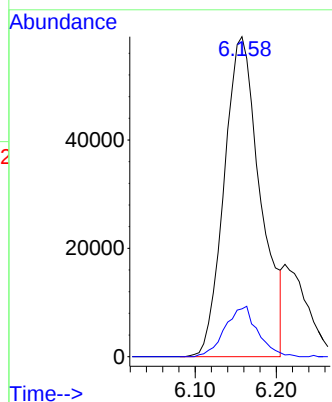
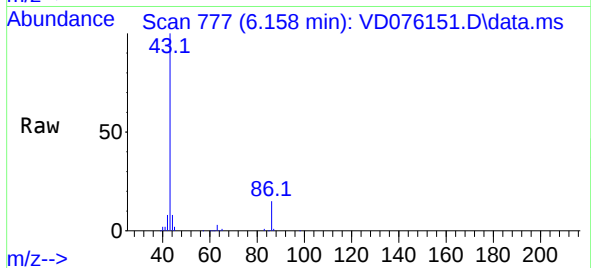




#23
 Vinyl Acetate
 Concen: 102.773 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

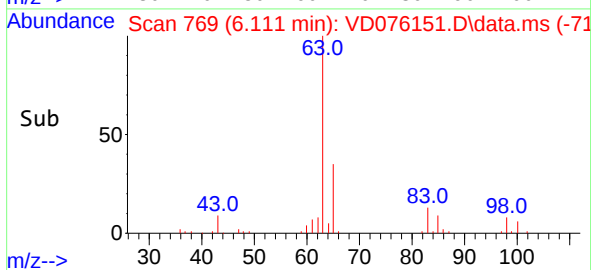
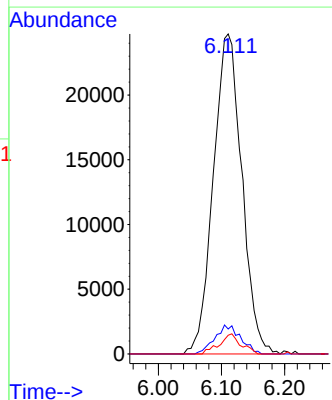
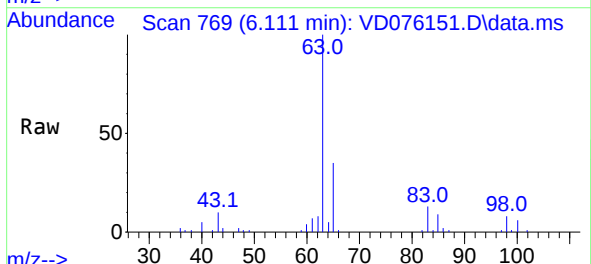
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

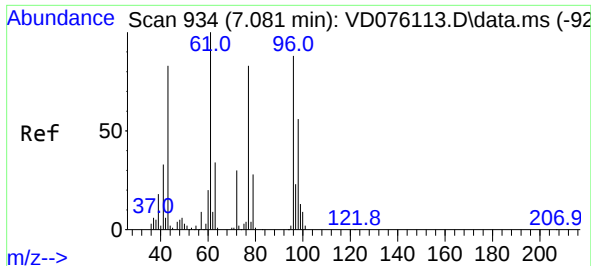
Tgt Ion: 43 Resp: 182822
 Ion Ratio Lower Upper
 43 100
 86 15.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.720 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

Tgt Ion: 63 Resp: 77497
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.8 2.0 6.0

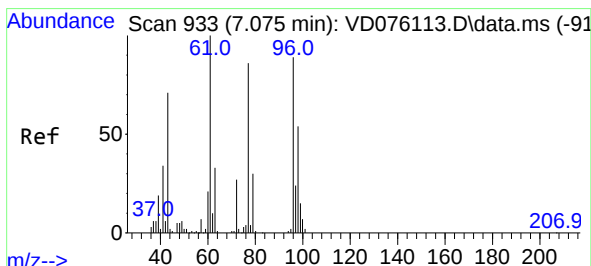
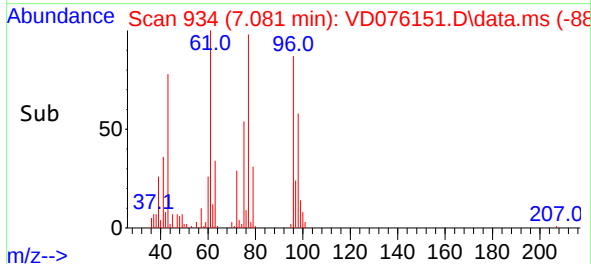
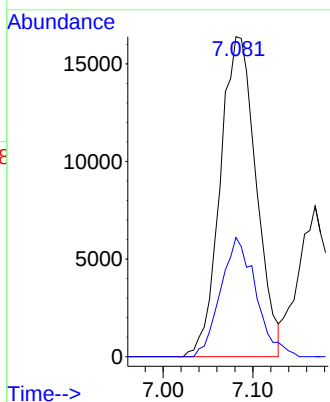
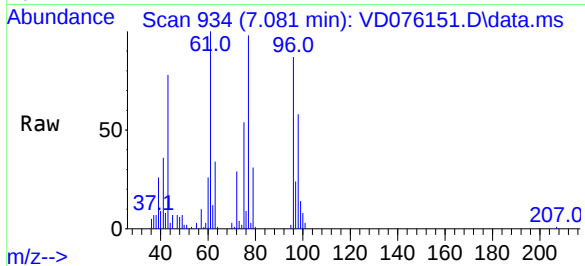




#25
2-Butanone
Concen: 106.229 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

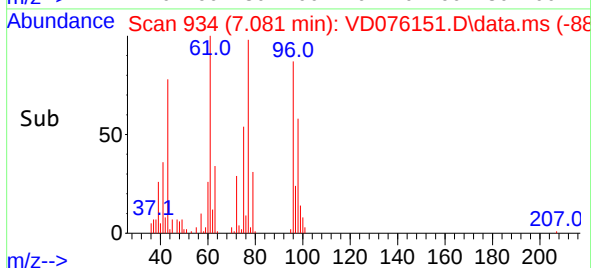
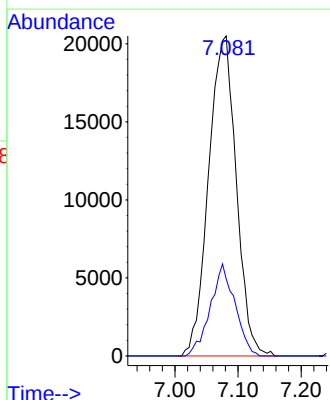
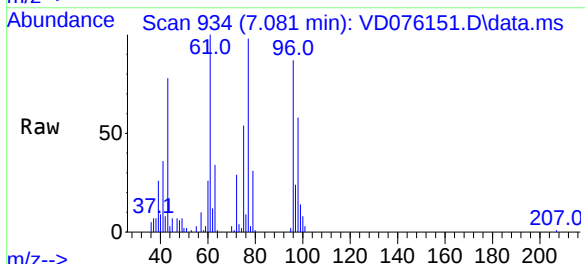
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

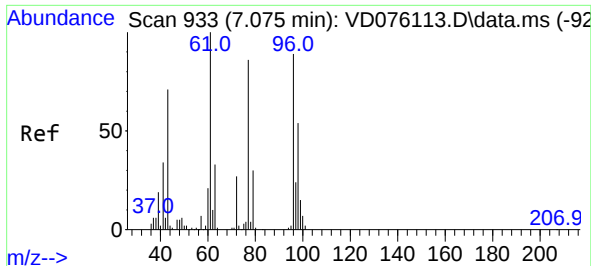
Tgt Ion: 43 Resp: 45640
Ion Ratio Lower Upper
43 100
72 37.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.466 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 77 Resp: 62452
Ion Ratio Lower Upper
77 100
97 25.6 11.1 33.1



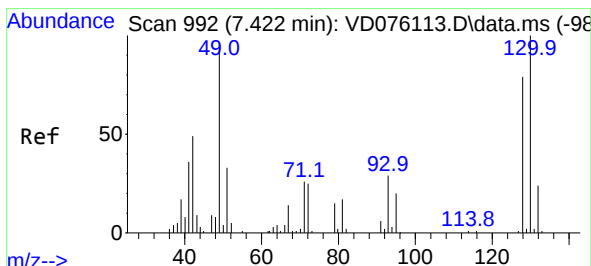
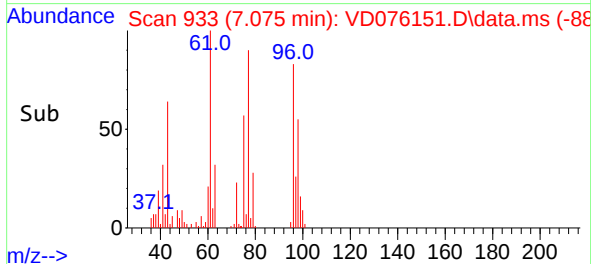
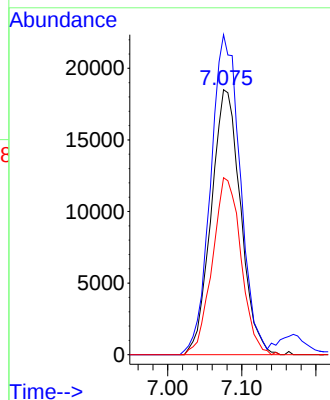
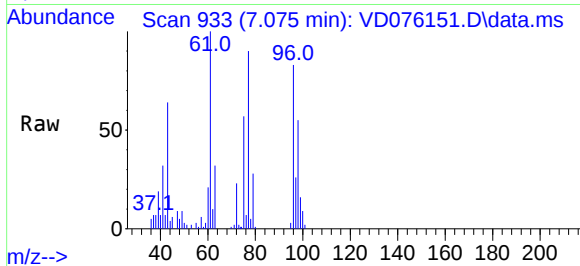


#27
 cis-1,2-Dichloroethene
 Concen: 20.735 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

Tgt Ion: 96 Resp: 50930

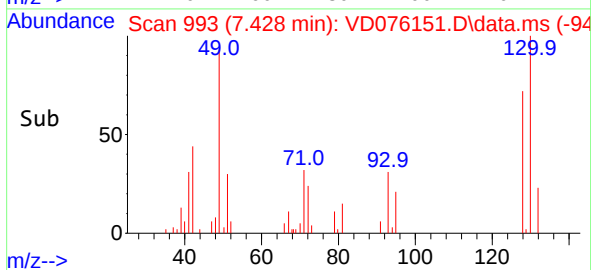
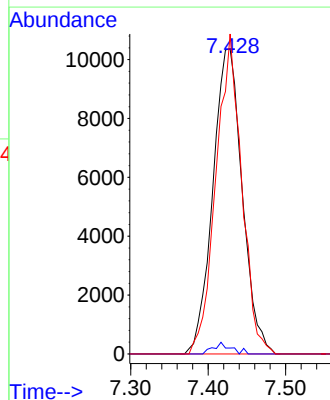
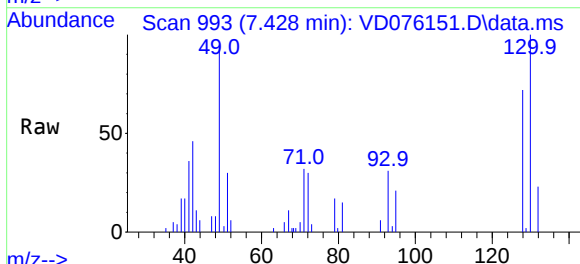
Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	295.2
98	65.1	0.0	129.2

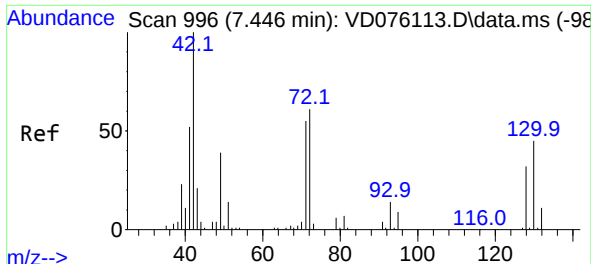


#28
 Bromochloromethane
 Concen: 22.986 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

Tgt Ion: 49 Resp: 27347

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	91.6	56.0	84.0#

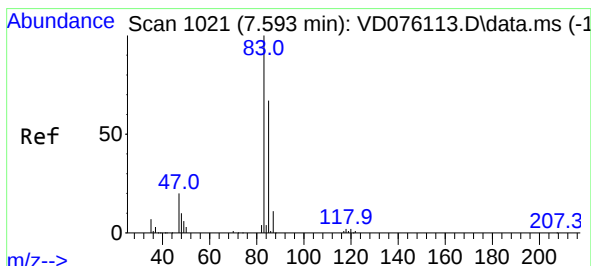
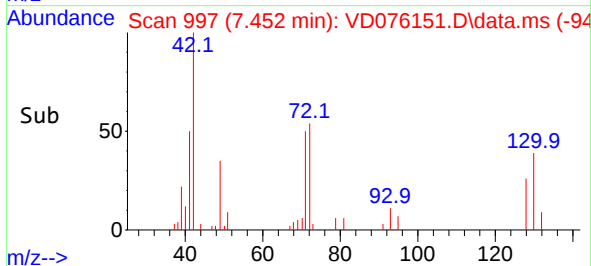
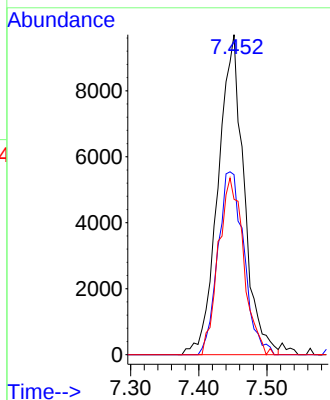
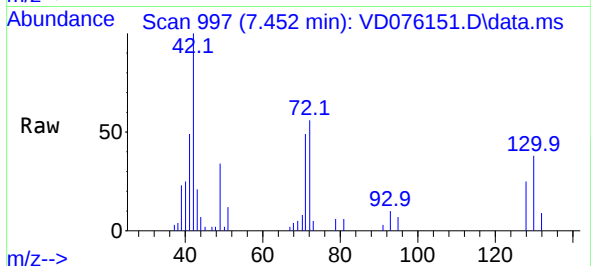




#29
Tetrahydrofuran
Concen: 102.632 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.012 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

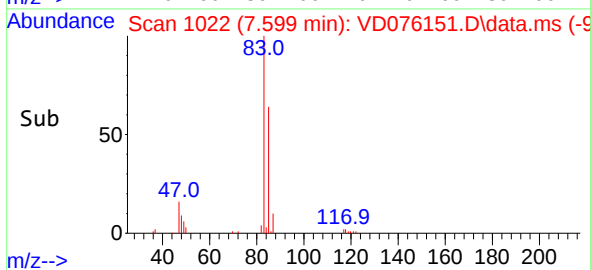
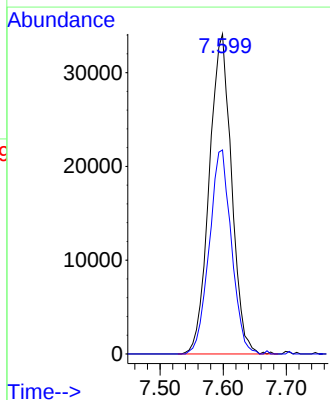
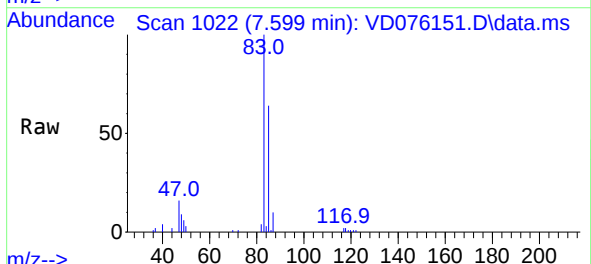
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

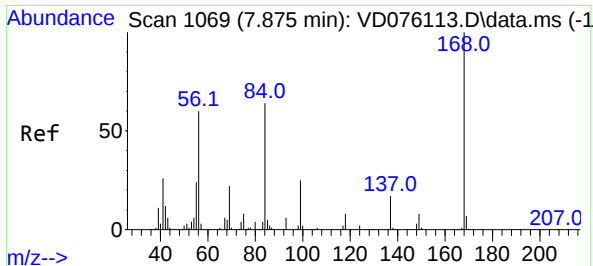
Tgt Ion: 42 Resp: 25701
Ion Ratio Lower Upper
42 100
72 57.3 31.8 47.6#
71 53.5 27.6 41.4#



#30
Chloroform
Concen: 21.873 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

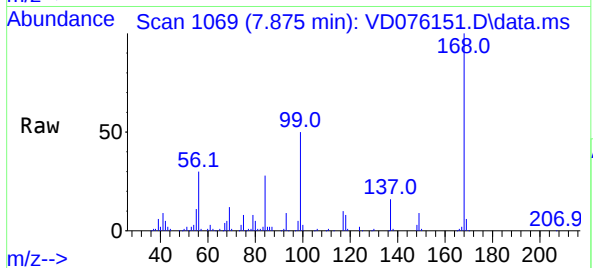
Tgt Ion: 83 Resp: 83460
Ion Ratio Lower Upper
83 100
85 63.8 49.4 74.2



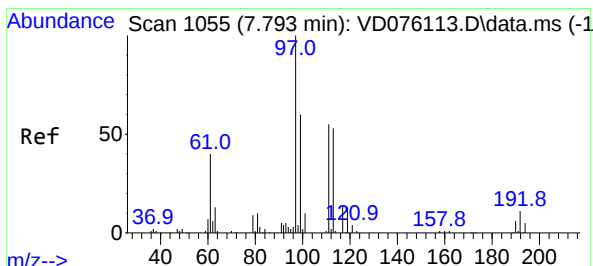
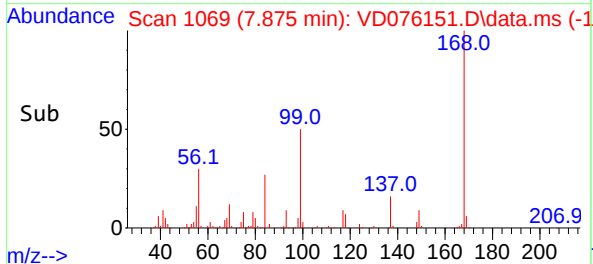
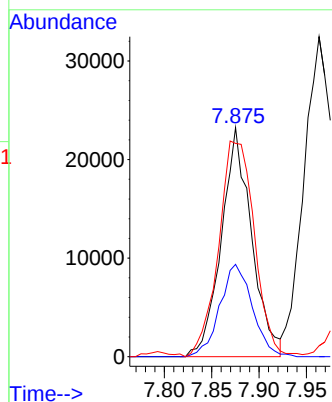


#31
Cyclohexane
Concen: 19.624 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

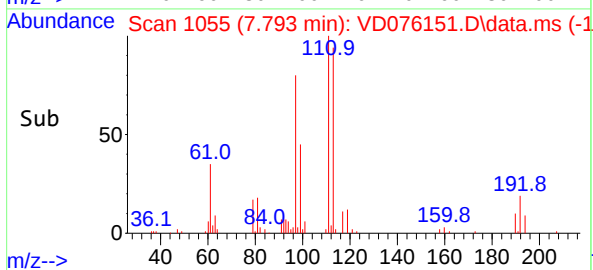
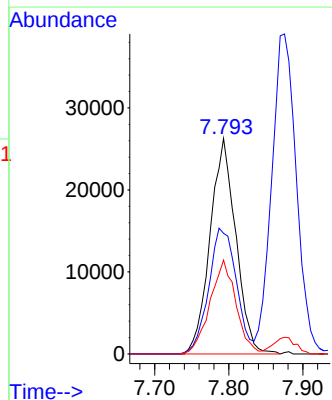
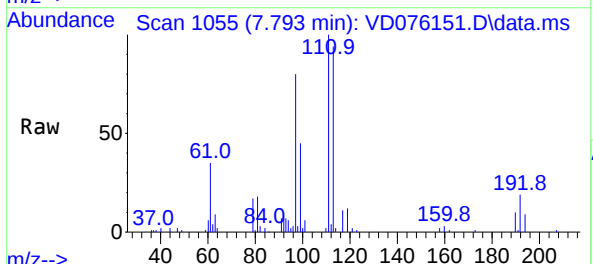


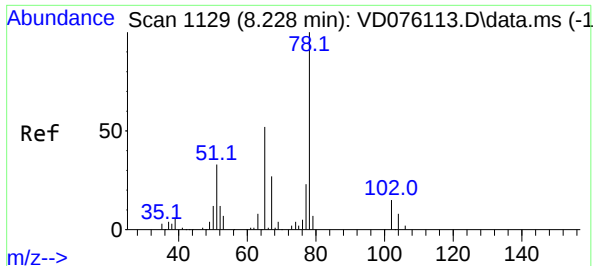
Tgt Ion: 56 Resp: 51615
Ion Ratio Lower Upper
56 100
69 40.3 25.5 38.3#
84 91.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.868 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 97 Resp: 63455
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.995 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

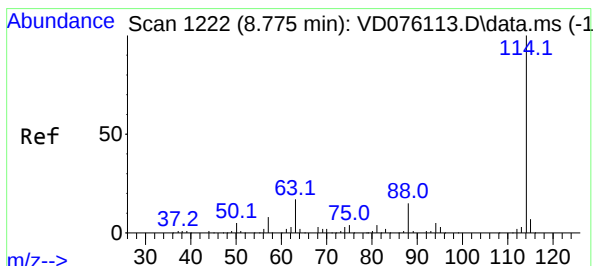
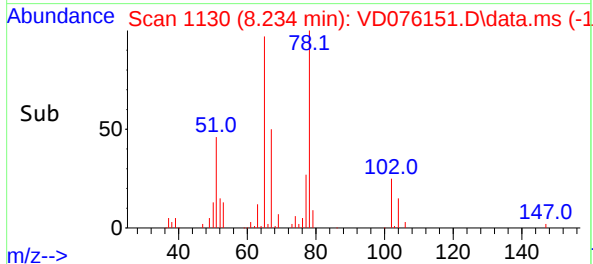
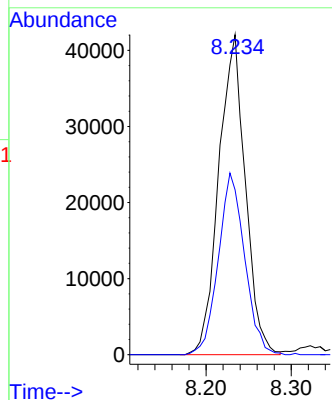
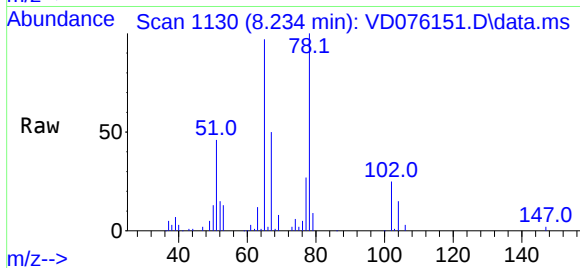
VD0519SBS01

Tgt Ion: 65 Resp: 91013

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

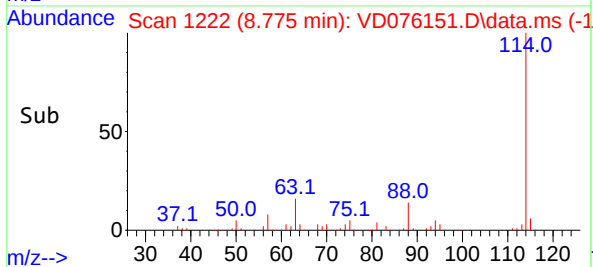
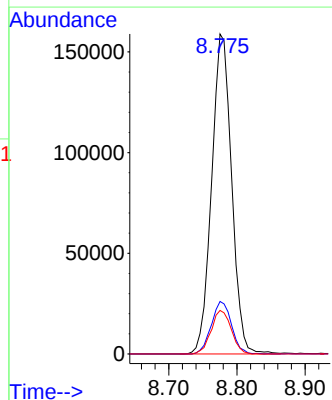
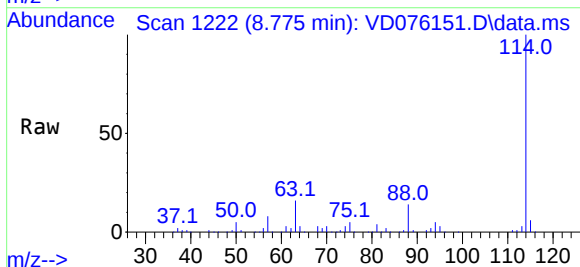
Tgt Ion: 114 Resp: 324232

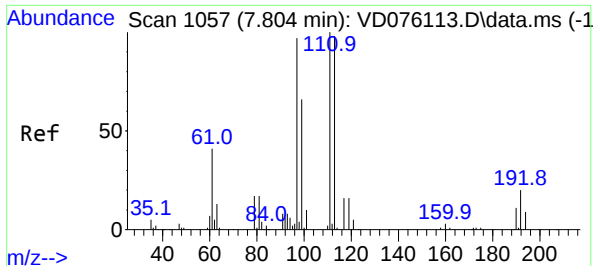
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.6 0.0 30.6



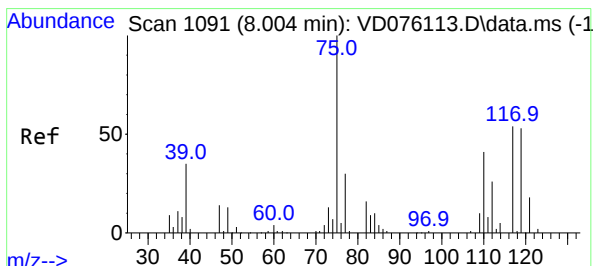
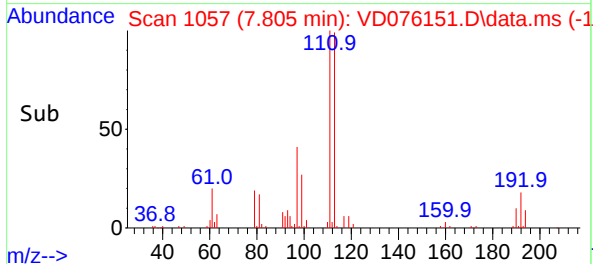
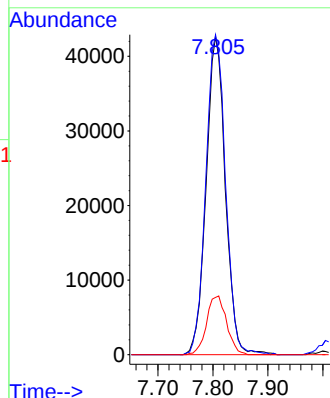
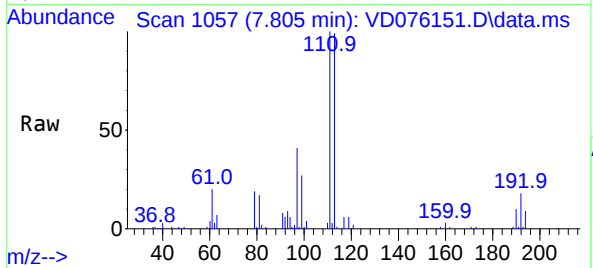


#35
Dibromofluoromethane
Concen: 46.204 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Tgt Ion: 113 Resp: 103551

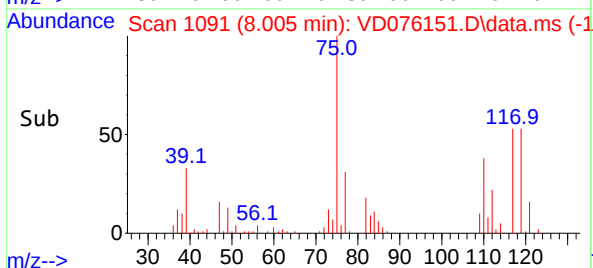
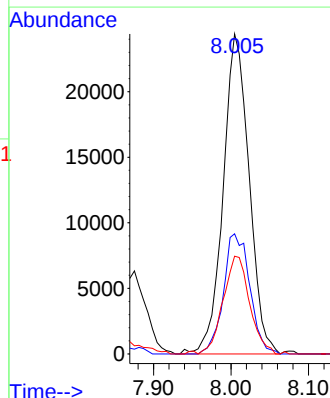
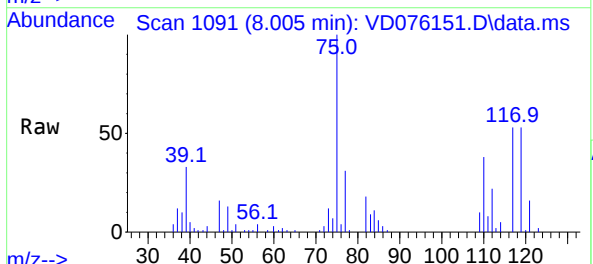
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	19.2	15.2	22.8

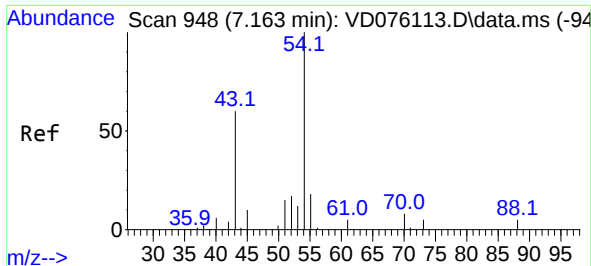


#36
1,1-Dichloropropene
Concen: 18.768 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 75 Resp: 56806

Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.1	51.2
77	31.4	24.6	36.8

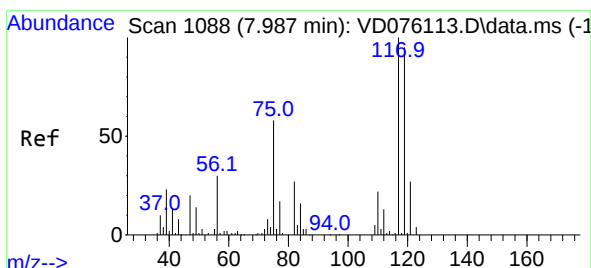
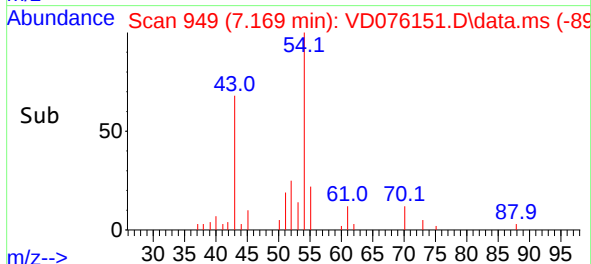
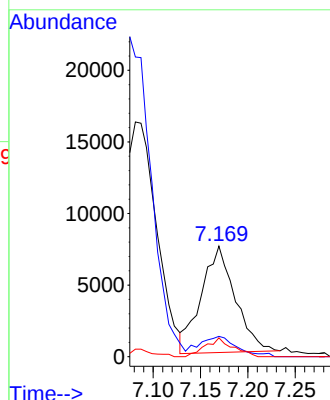
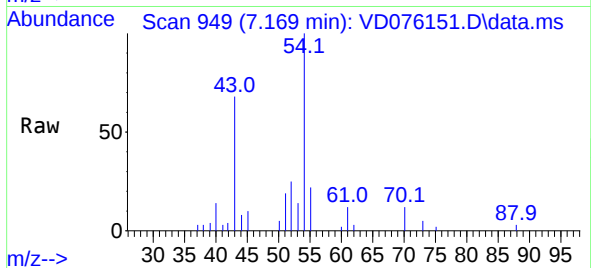




#37
Ethyl Acetate
Concen: 17.683 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

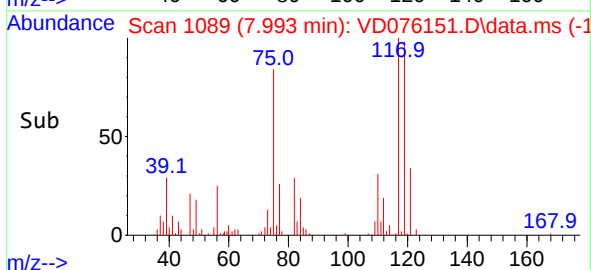
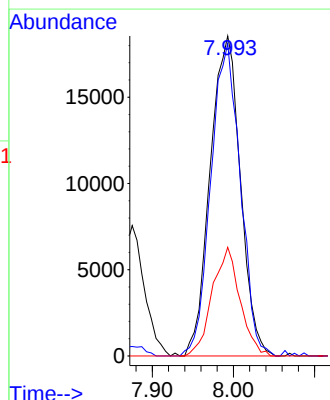
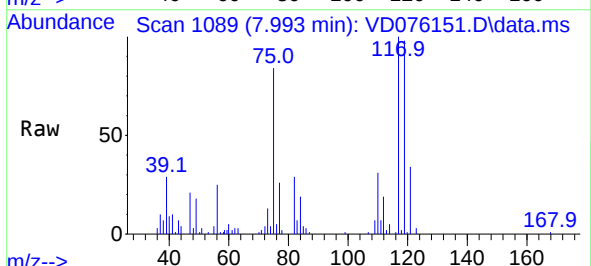
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

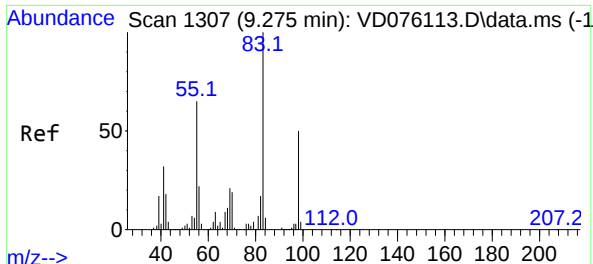
Tgt Ion: 43 Resp: 18534
Ion Ratio Lower Upper
43 100
61 21.1 0.0 0.0#
70 14.2 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 17.549 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 117 Resp: 47980
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
121 34.0 25.9 38.9





#39

Methylcyclohexane

Concen: 17.084 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

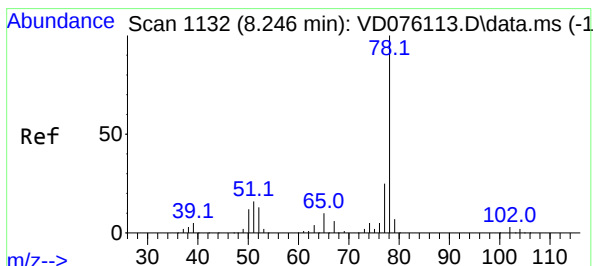
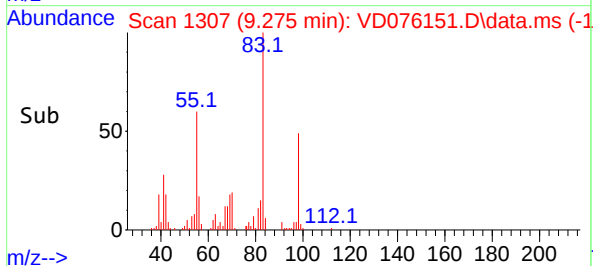
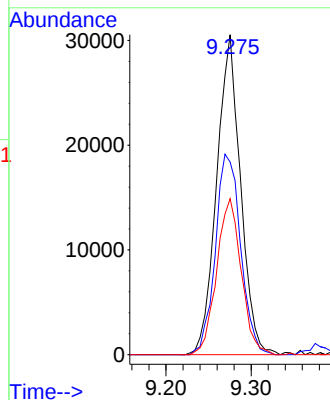
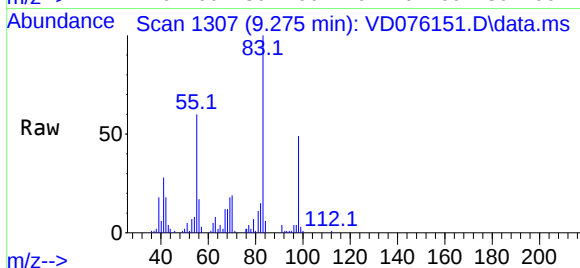
Tgt Ion: 83 Resp: 59533

Ion Ratio Lower Upper

83 100

55 60.2 56.8 85.2

98 48.8 38.9 58.3



#40

Benzene

Concen: 18.958 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076151.D

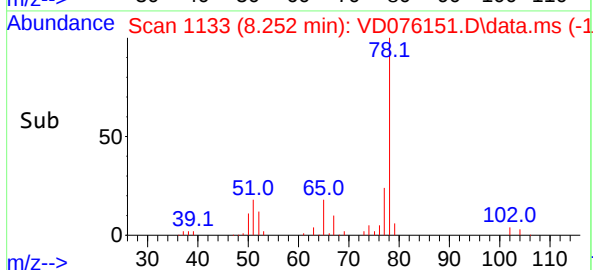
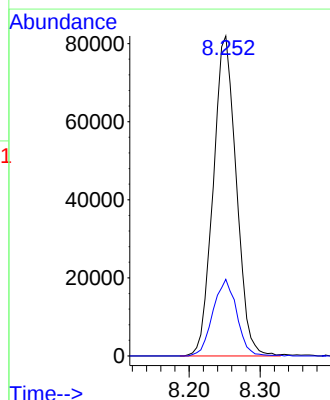
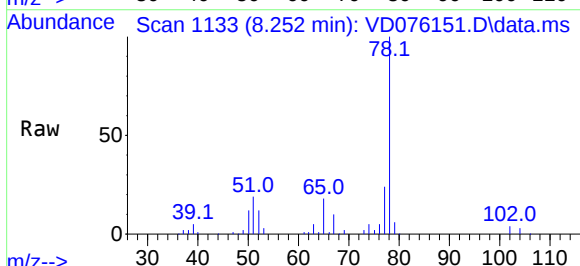
Acq: 19 May 2023 12:05

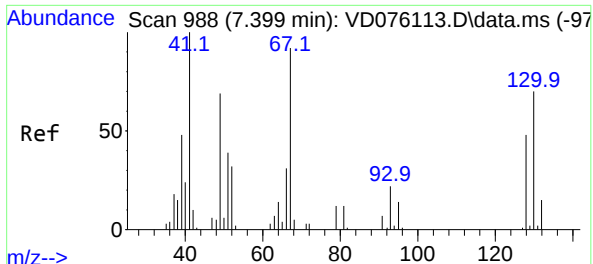
Tgt Ion: 78 Resp: 184480

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



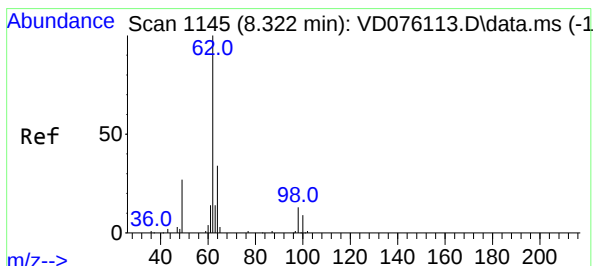
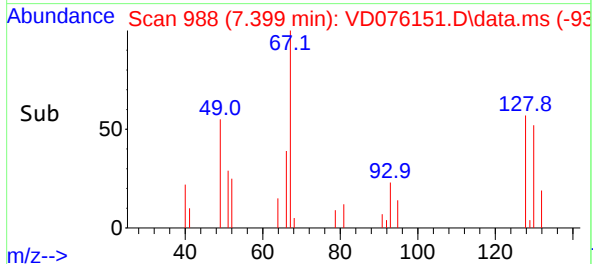
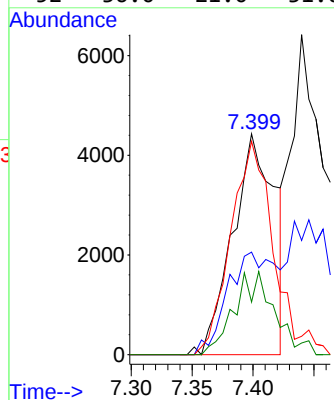
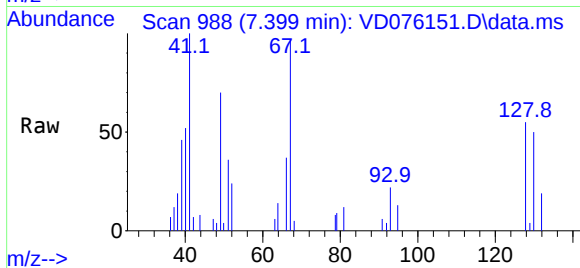


#41
Methacrylonitrile
Concen: 18.442 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Tgt Ion: 41 Resp: 10599

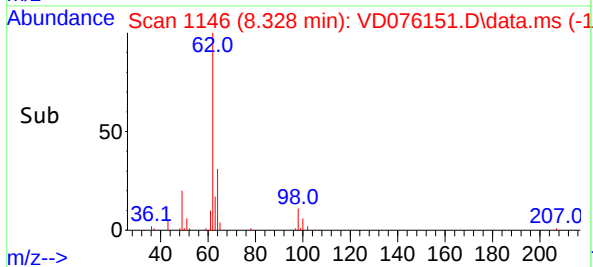
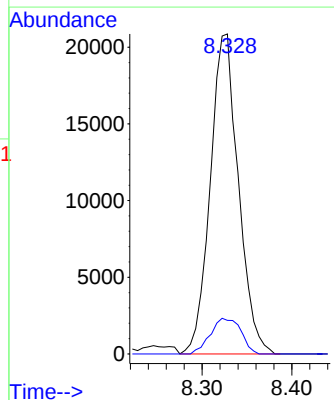
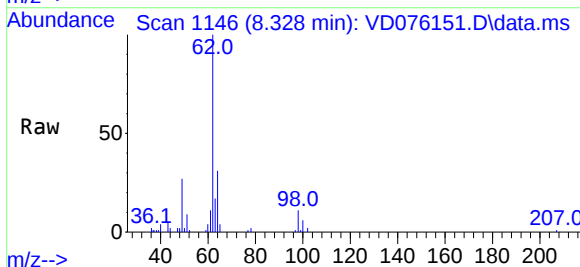
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.3	67.9
67	98.7	50.5	75.7#
52	36.0	21.0	31.6#

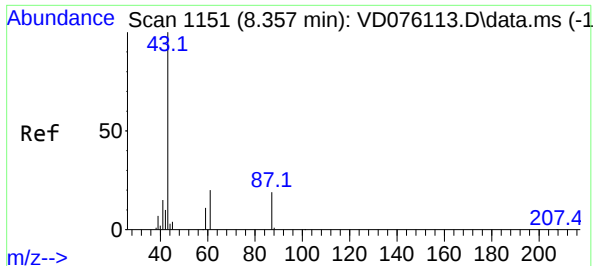


#42
1,2-Dichloroethane
Concen: 19.749 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 62 Resp: 45456

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	18.8

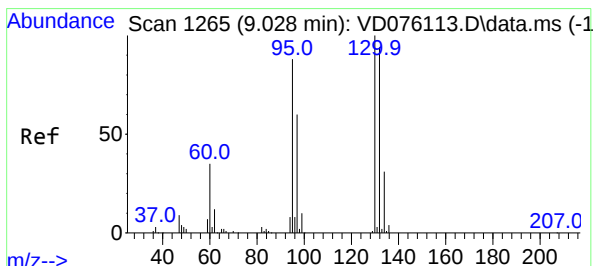
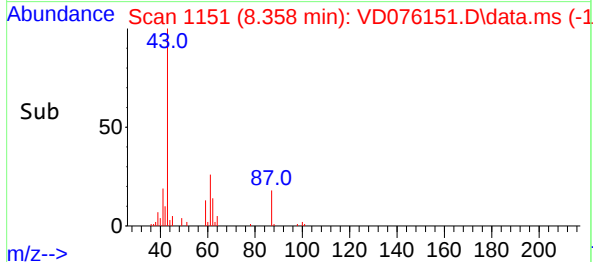
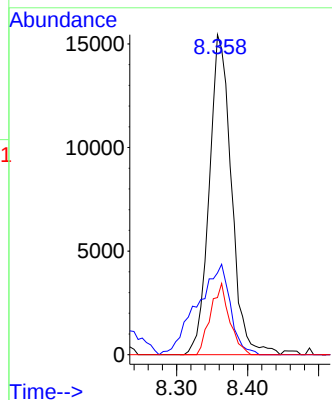
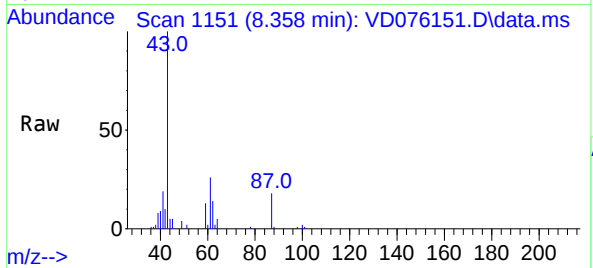




#43
Isopropyl Acetate
Concen: 17.100 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

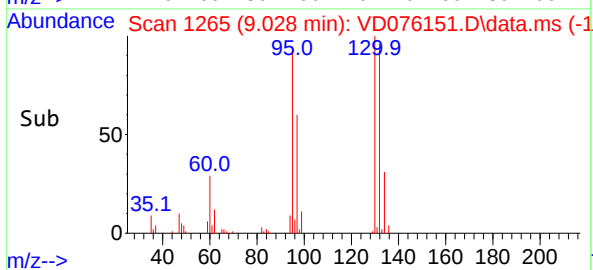
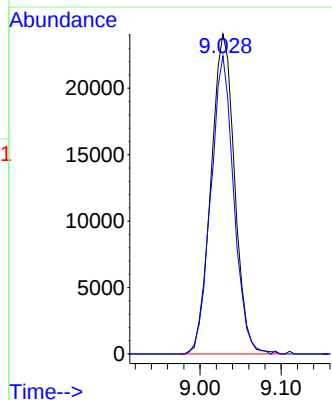
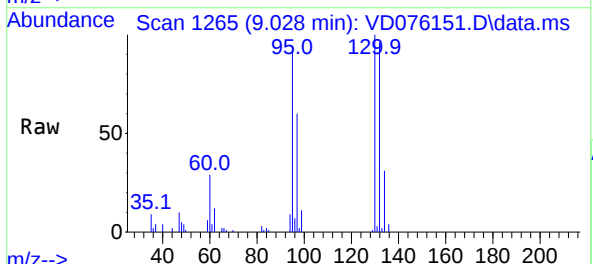
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

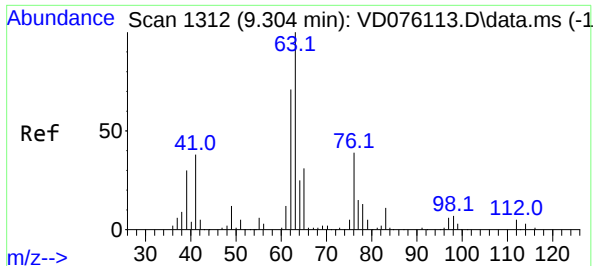
Tgt Ion: 43 Resp: 33480
Ion Ratio Lower Upper
43 100
61 42.4 23.4 35.0#
87 19.1 9.5 14.3#



#44
Trichloroethene
Concen: 17.757 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:130 Resp: 48699
Ion Ratio Lower Upper
130 100
95 93.2 0.0 197.6

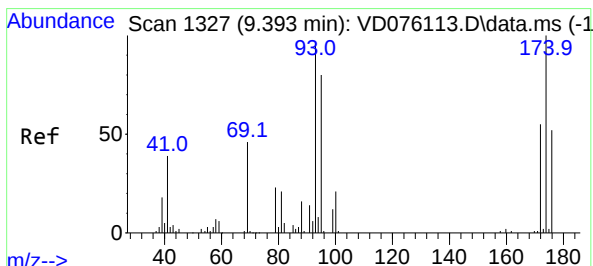
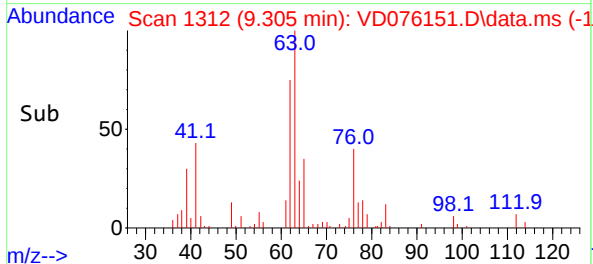
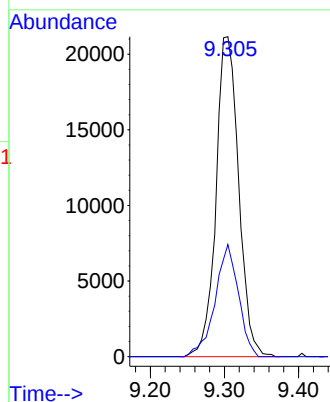
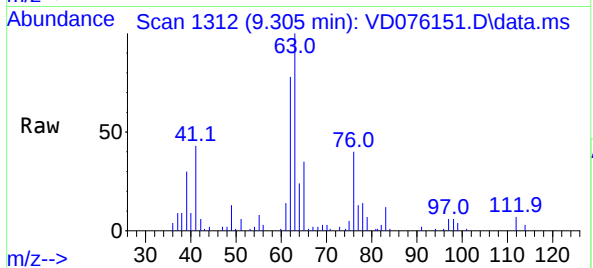




#45
1,2-Dichloropropane
Concen: 18.727 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

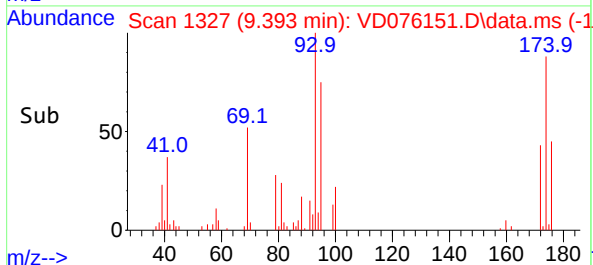
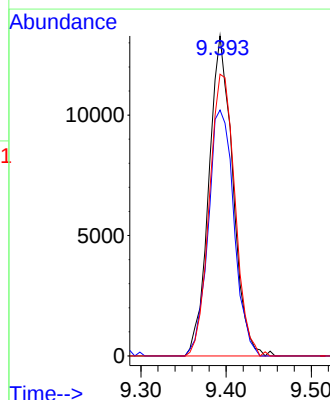
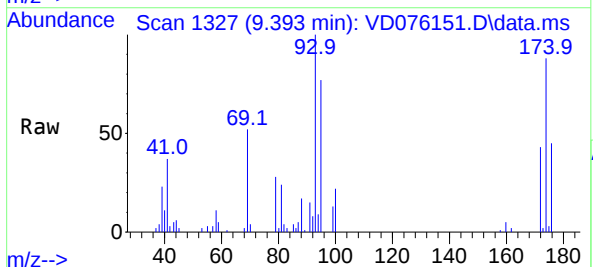
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

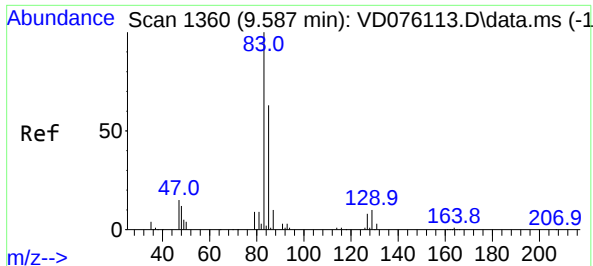
Tgt Ion: 63 Resp: 44950
Ion Ratio Lower Upper
63 100
65 35.1 23.0 34.4#



#46
Dibromomethane
Concen: 19.263 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 93 Resp: 25917
Ion Ratio Lower Upper
93 100
95 82.4 64.5 96.7
174 93.9 76.2 114.4

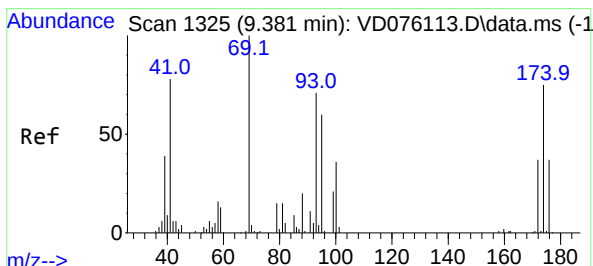
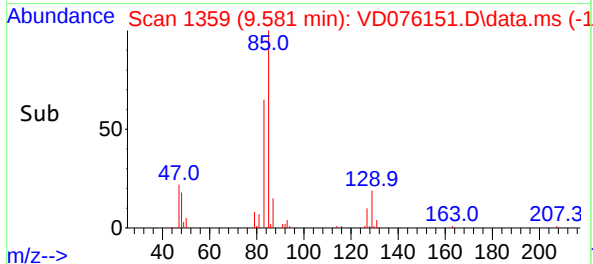
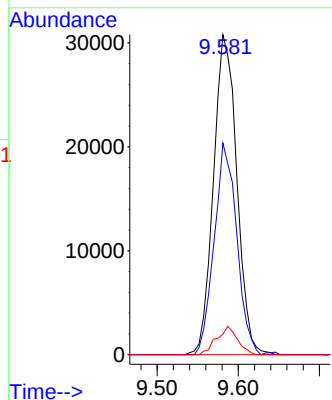
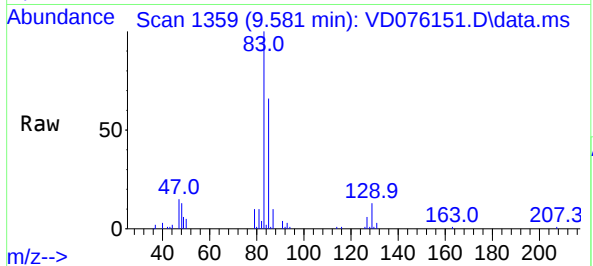




#47
Bromodichloromethane
Concen: 18.997 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

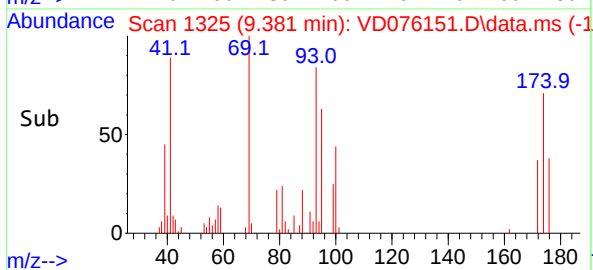
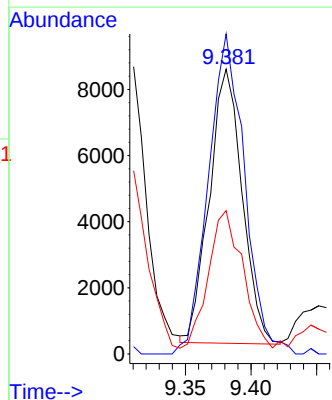
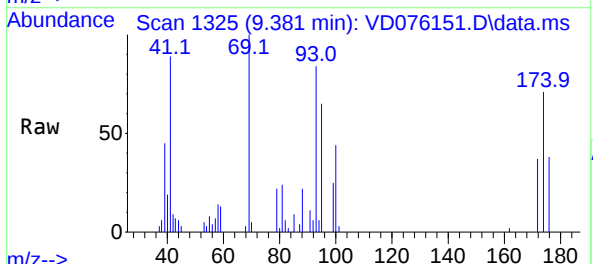
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

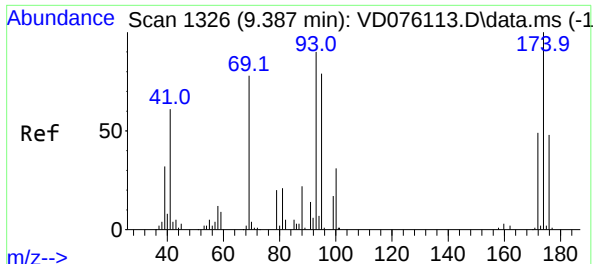
Tgt Ion: 83 Resp: 61429
Ion Ratio Lower Upper
83 100
85 66.2 53.7 80.5
127 6.4 7.0 10.6#



#48
Methyl methacrylate
Concen: 16.671 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 41 Resp: 14446
Ion Ratio Lower Upper
41 100
69 128.6 58.6 88.0#
39 57.1 53.4 80.0

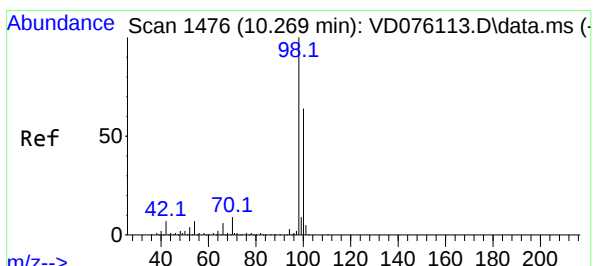
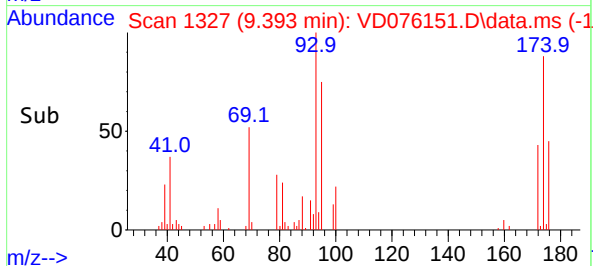
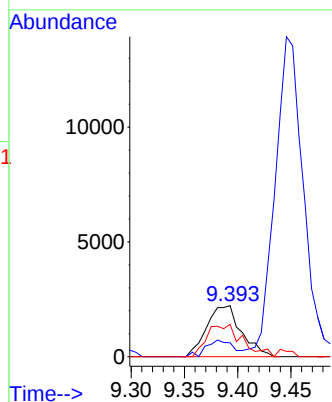
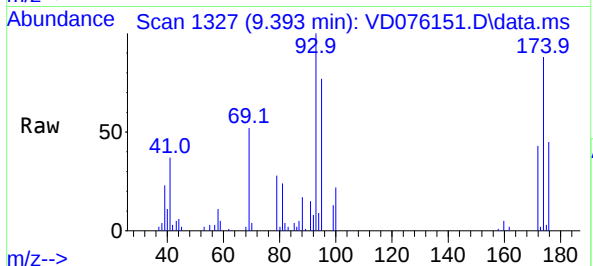




#49
1,4-Dioxane
Concen: 348.359 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

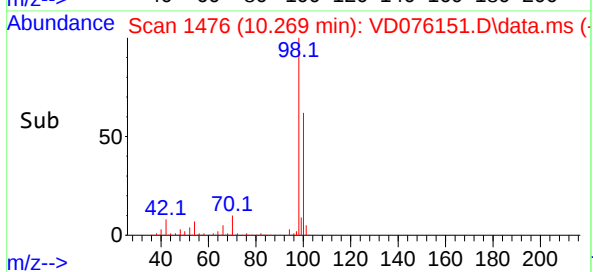
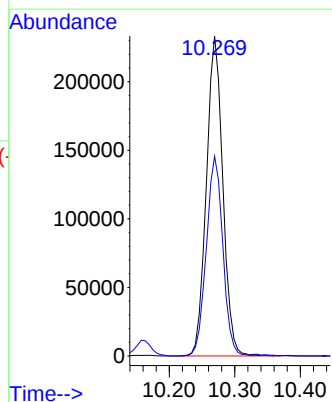
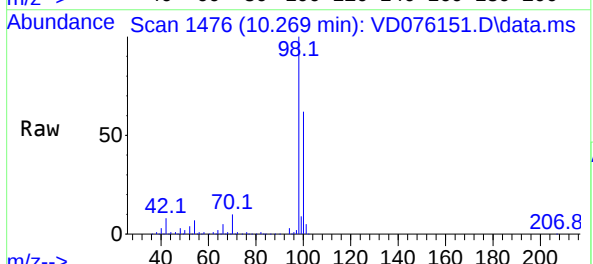
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

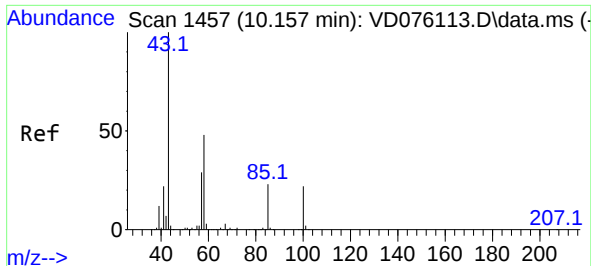
Tgt Ion: 88 Resp: 5012
Ion Ratio Lower Upper
88 100
43 26.0 34.6 51.8#
58 63.9 58.0 87.0



#50
Toluene-d8
Concen: 46.624 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 98 Resp: 407338
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1

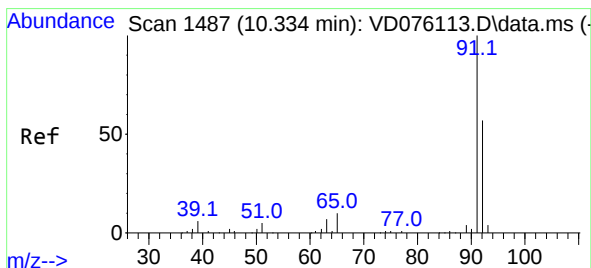
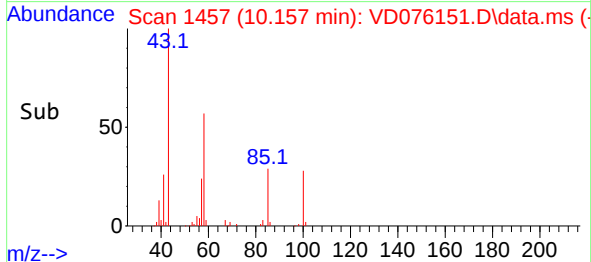
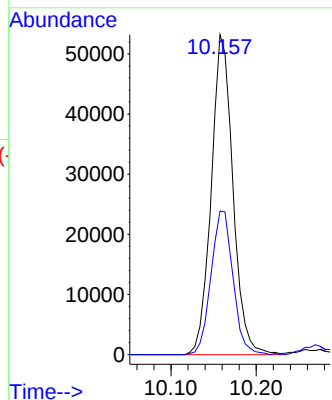
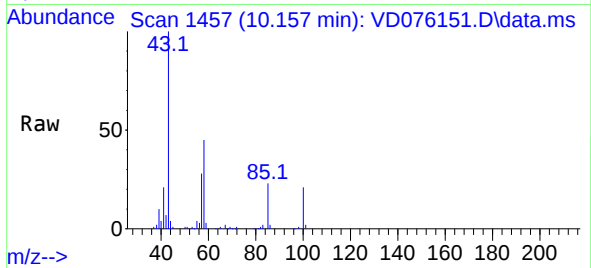




#51
4-Methyl-2-Pentanone
Concen: 90.210 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

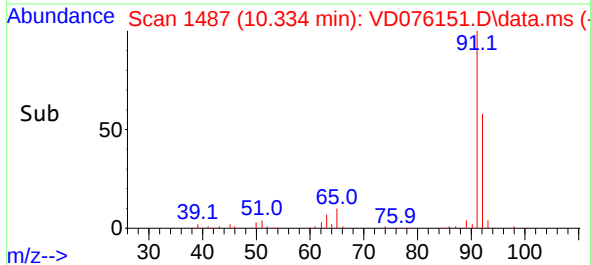
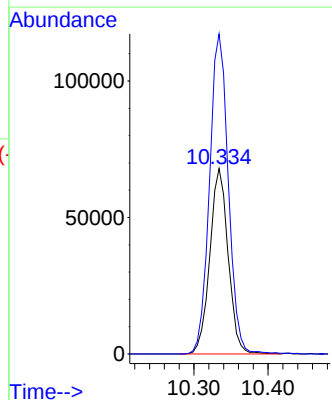
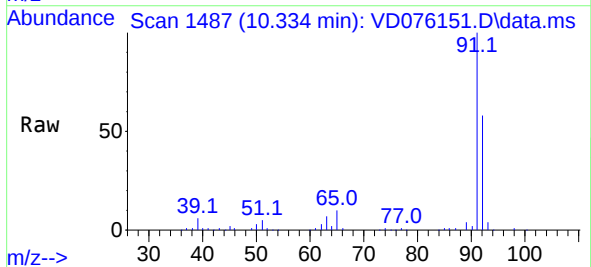
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

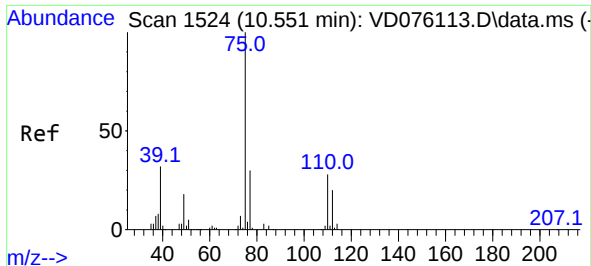
Tgt Ion: 43 Resp: 93937
Ion Ratio Lower Upper
43 100
58 45.7 29.5 44.3#



#52
Toluene
Concen: 19.195 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 92 Resp: 116661
Ion Ratio Lower Upper
92 100
91 177.2 136.5 204.7

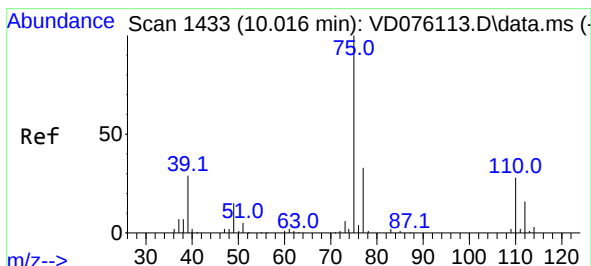
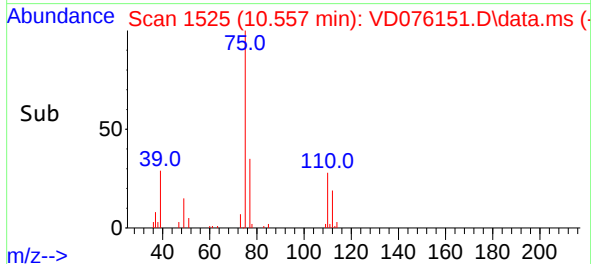
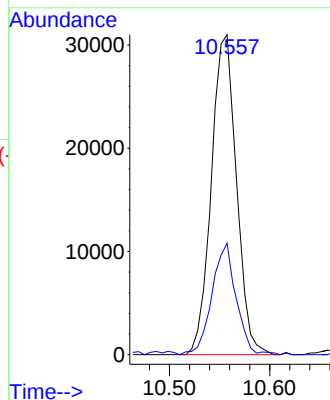
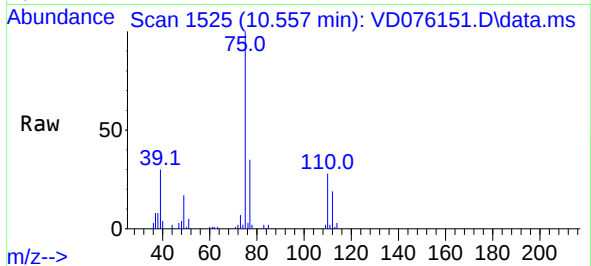




#53
 t-1,3-Dichloropropene
 Concen: 18.526 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

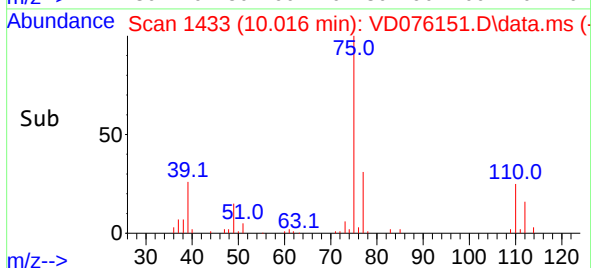
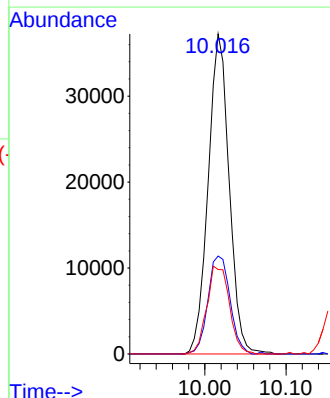
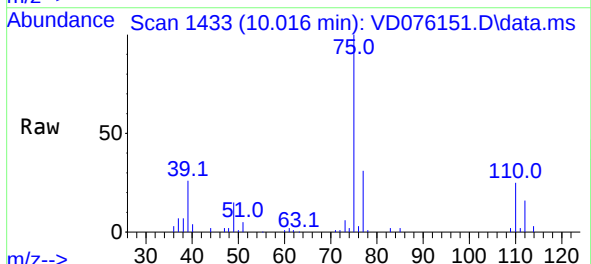
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS01

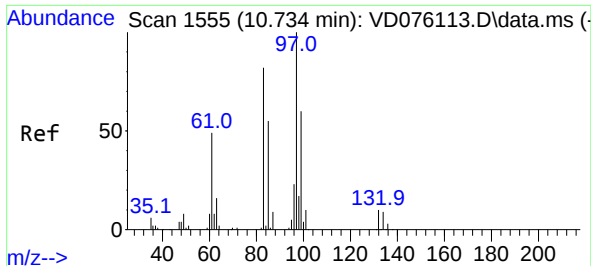
Tgt Ion: 75 Resp: 53990
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.805 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076151.D
 Acq: 19 May 2023 12:05

Tgt Ion: 75 Resp: 66883
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4
 39 26.4 44.8 67.2#

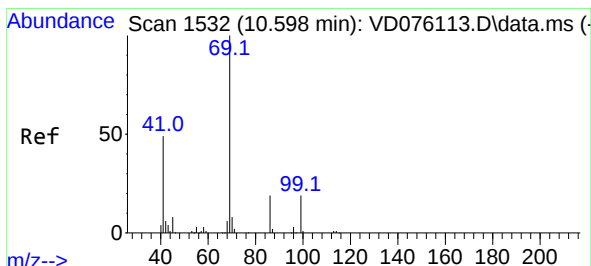
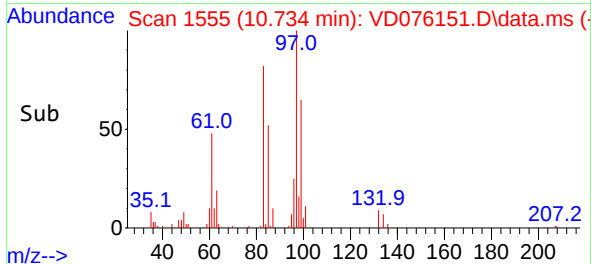
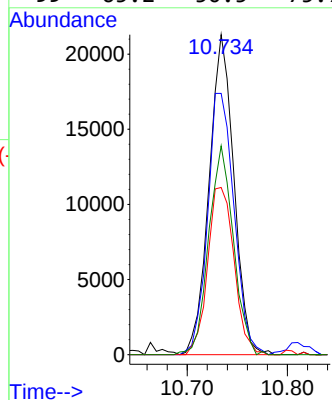
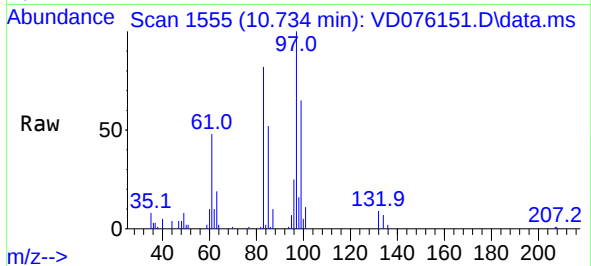




#55
1,1,2-Trichloroethane
Concen: 18.938 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

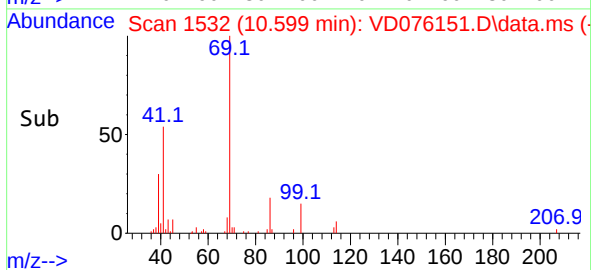
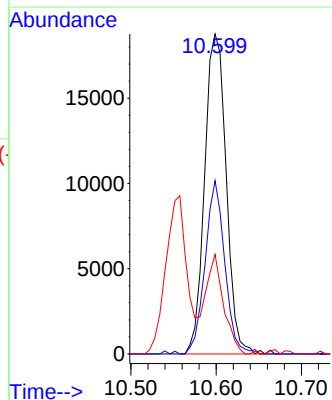
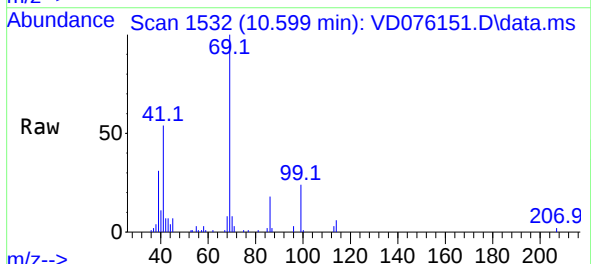
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

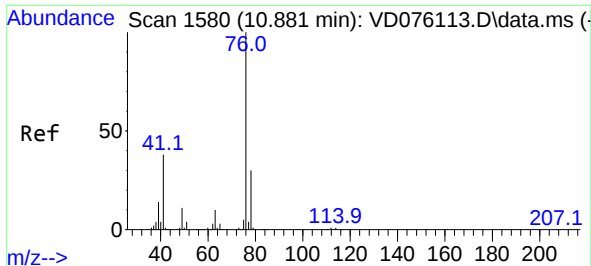
Tgt Ion:	97	Resp:	36538
Ion	Ratio	Lower	Upper
97	100		
83	81.7	74.2	111.4
85	52.3	45.4	68.0
99	65.2	50.5	75.7



#56
Ethyl methacrylate
Concen: 17.014 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:	69	Resp:	32995
Ion	Ratio	Lower	Upper
69	100		
41	49.5	59.3	88.9#
39	27.1	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.443 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

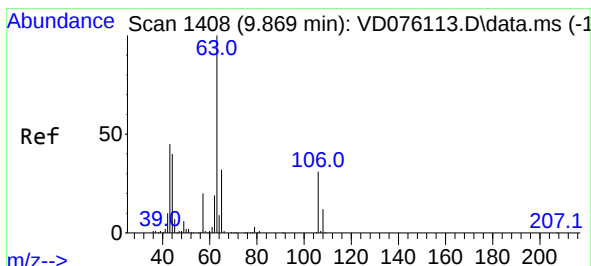
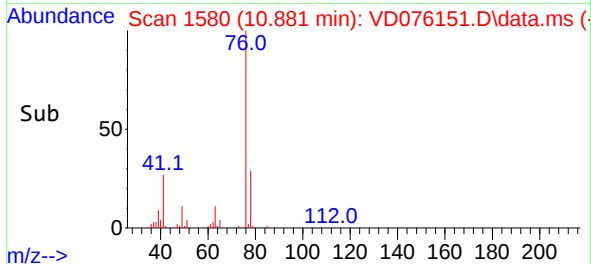
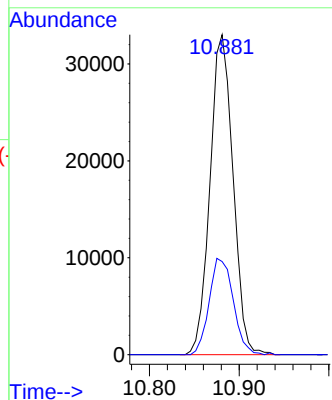
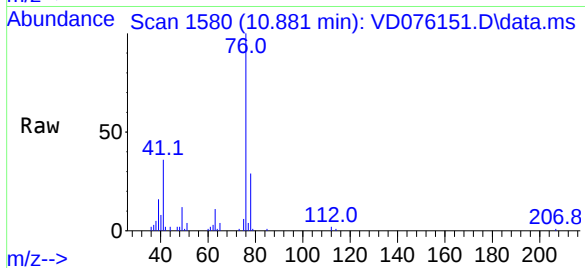
VD0519SBS01

Tgt Ion: 76 Resp: 58853

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 90.137 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076151.D

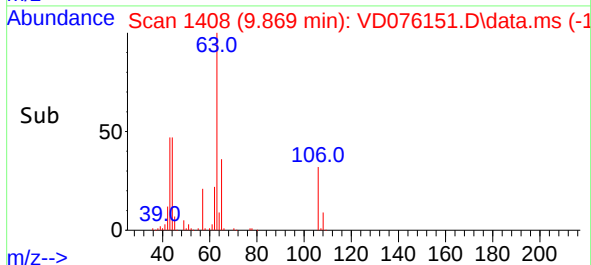
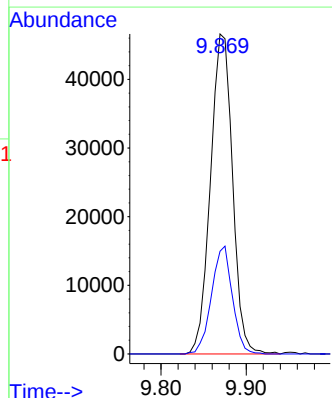
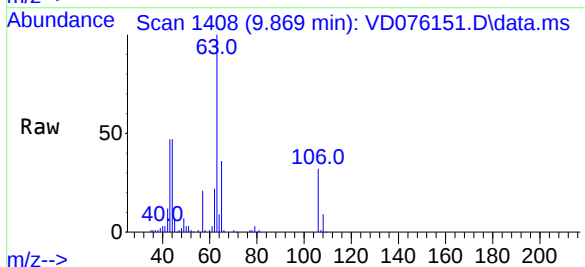
Acq: 19 May 2023 12:05

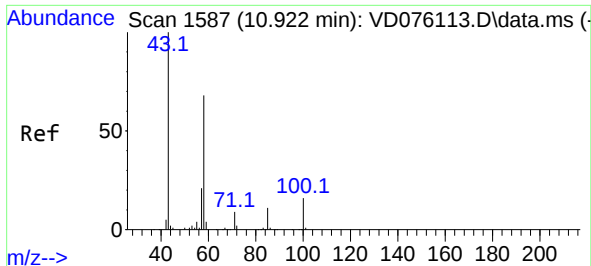
Tgt Ion: 63 Resp: 83871

Ion Ratio Lower Upper

63 100

106 31.8 21.4 32.2

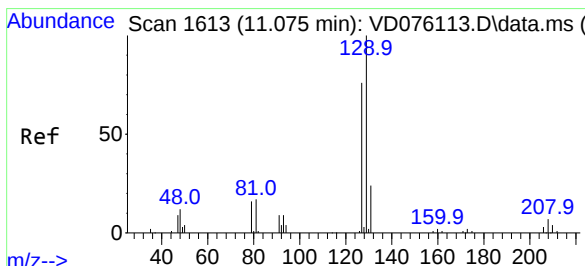
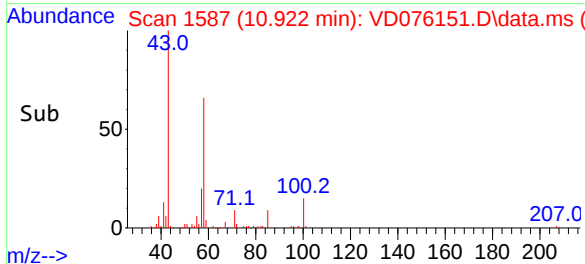
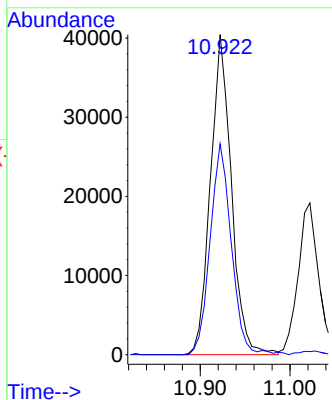
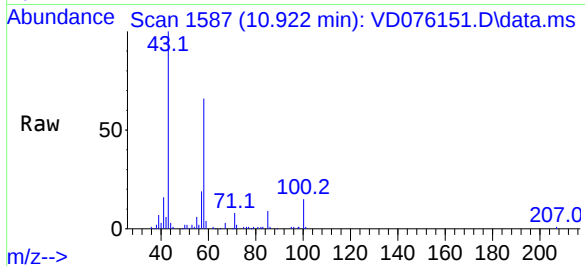




#59
2-Hexanone
Concen: 89.150 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

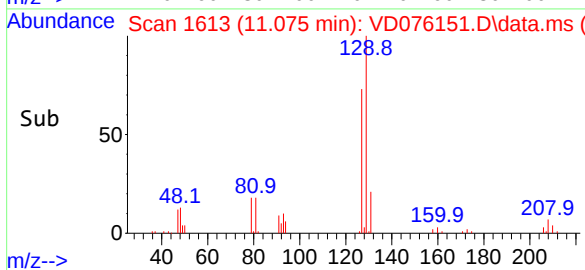
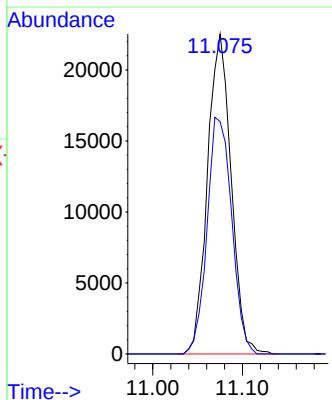
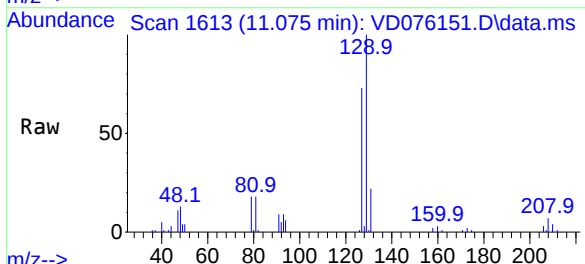
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

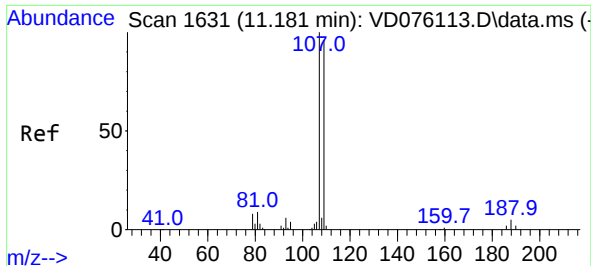
Tgt Ion: 43 Resp: 65468
Ion Ratio Lower Upper
43 100
58 66.8 25.3 75.8



#60
Dibromochloromethane
Concen: 19.013 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 129 Resp: 41247
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5

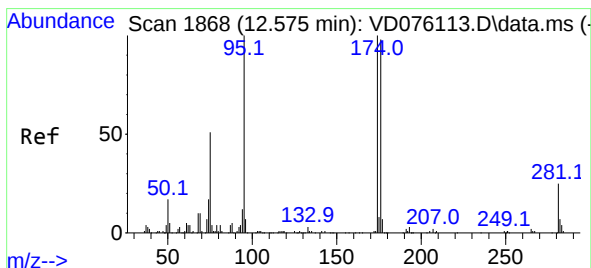
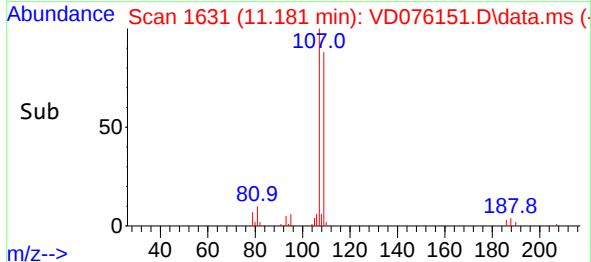
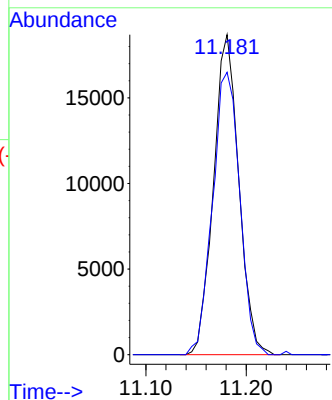
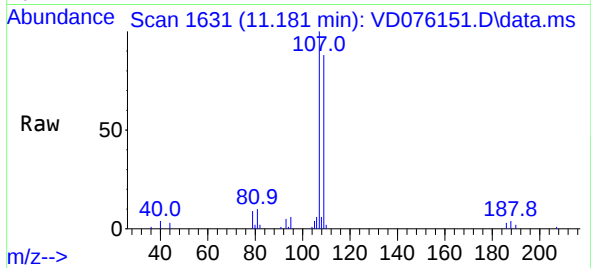




#61
1,2-Dibromoethane
Concen: 19.096 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

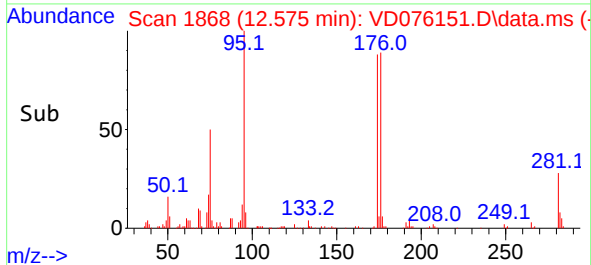
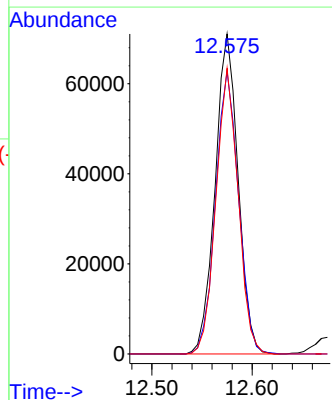
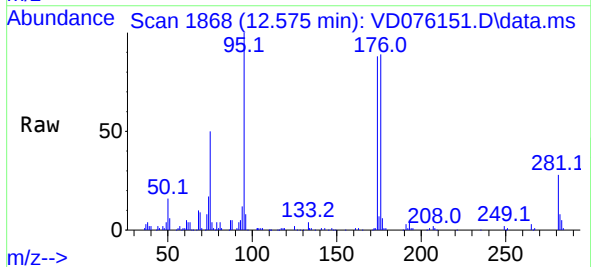
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

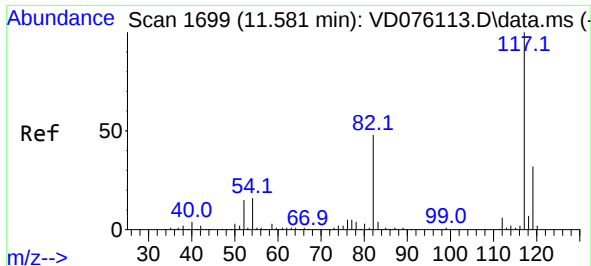
Tgt Ion:107 Resp: 32774
Ion Ratio Lower Upper
107 100
109 94.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 46.614 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 95 Resp: 113127
Ion Ratio Lower Upper
95 100
174 88.6 0.0 164.0
176 86.0 0.0 156.8

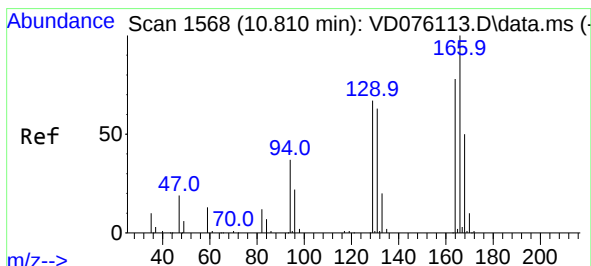
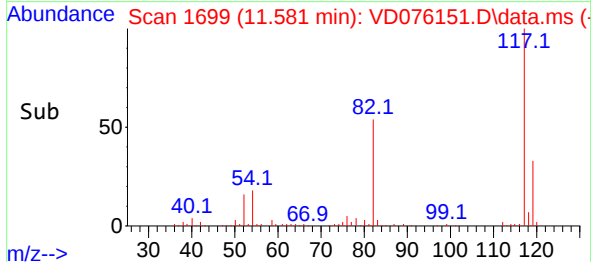
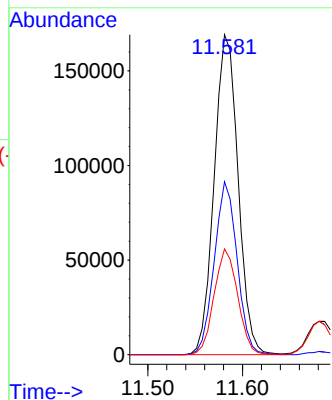
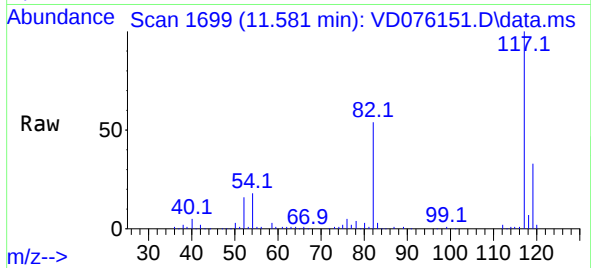




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

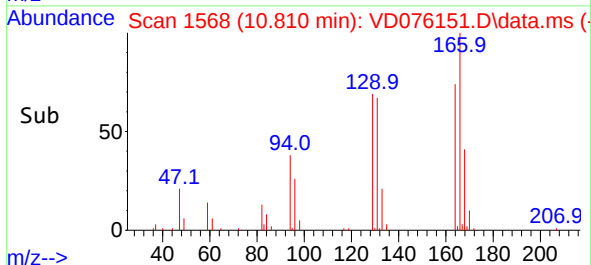
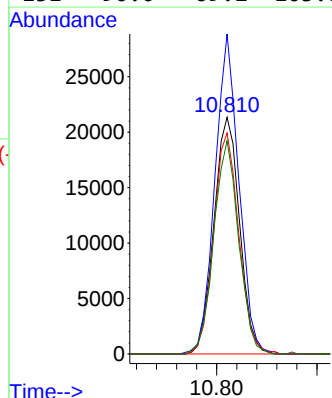
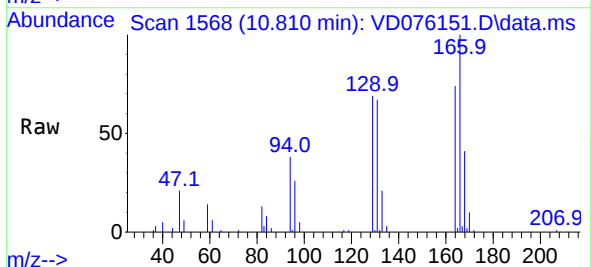
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

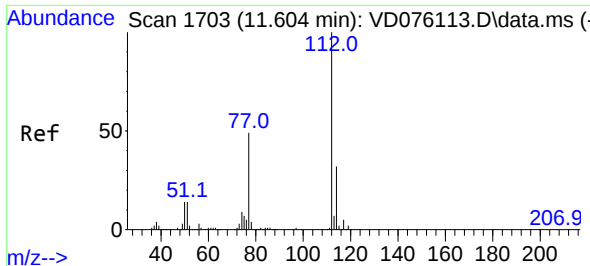
Tgt Ion:117 Resp: 297081
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 33.0 25.1 37.7



#64
Tetrachloroethene
Concen: 16.582 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:164 Resp: 37882
Ion Ratio Lower Upper
164 100
166 135.2 94.9 142.3
129 93.4 73.0 109.6
131 90.0 69.2 103.8

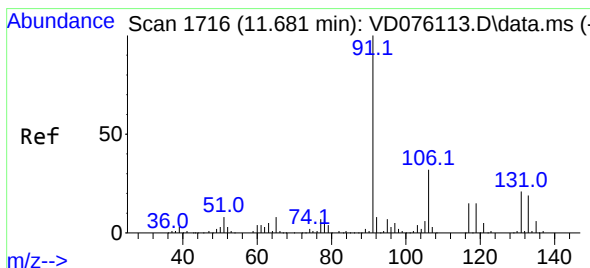
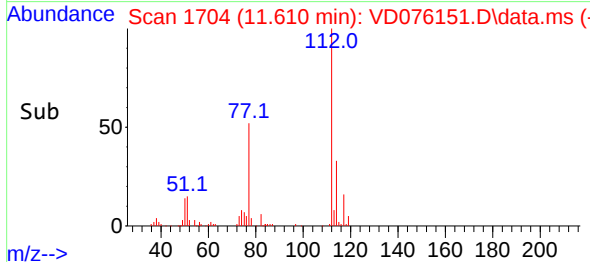
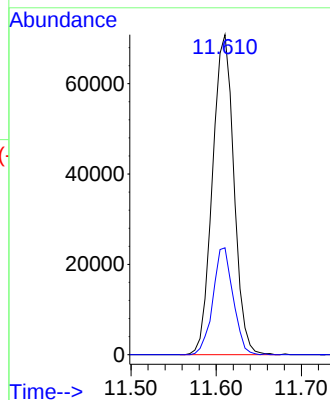
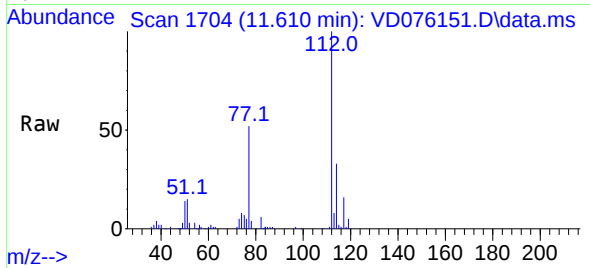




#65
Chlorobenzene
Concen: 18.305 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

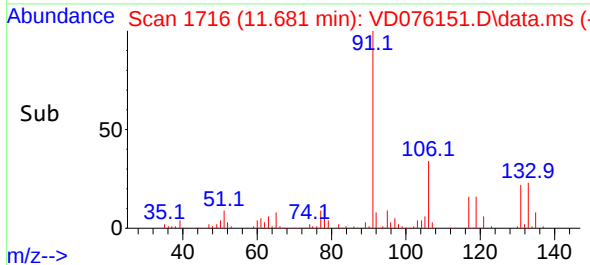
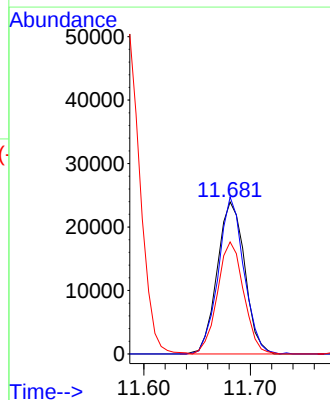
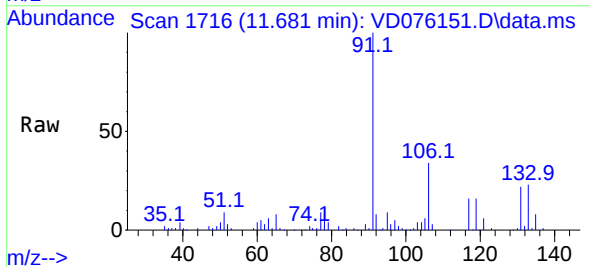
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

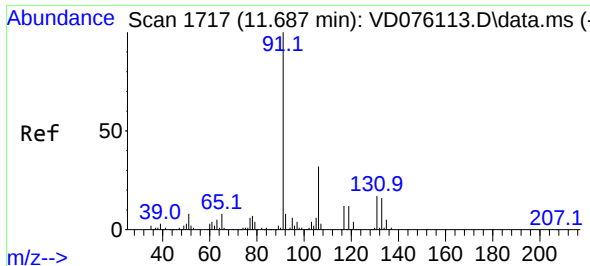
Tgt Ion:112 Resp: 123804
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.452 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:131 Resp: 42946
Ion Ratio Lower Upper
131 100
133 96.1 46.7 140.0
119 70.4 31.9 95.9

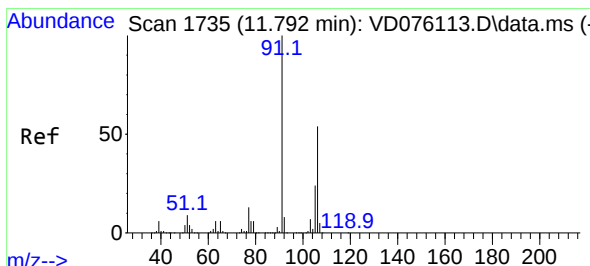
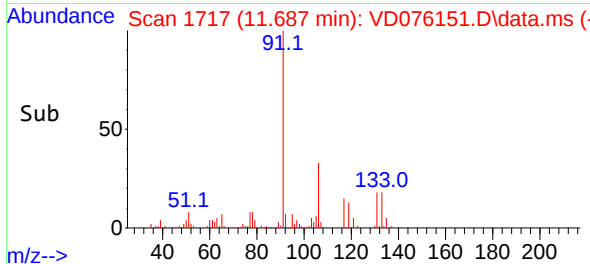
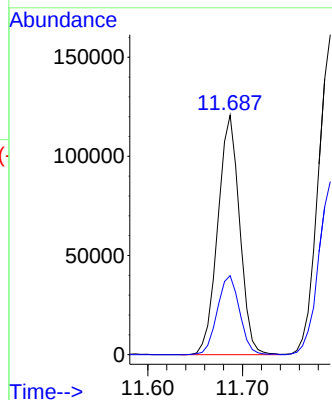
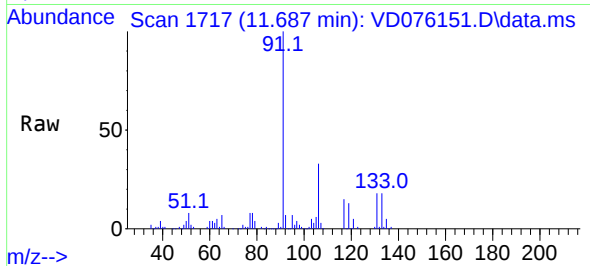




#67
Ethyl Benzene
Concen: 17.899 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

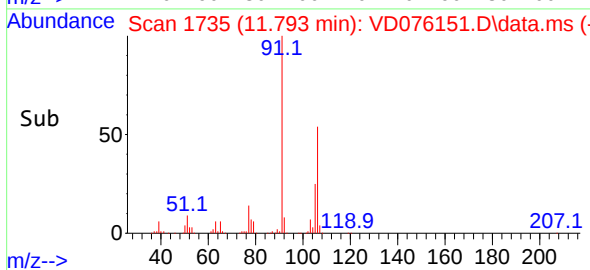
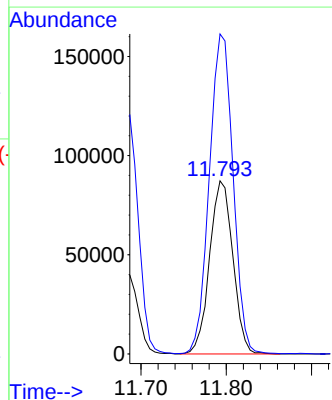
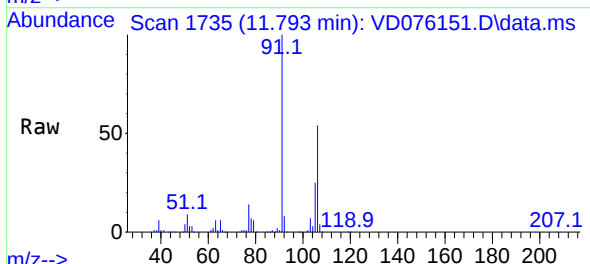
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

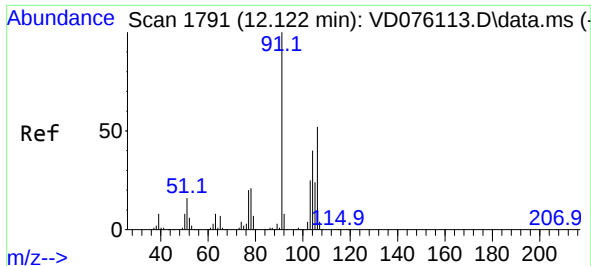
Tgt Ion: 91 Resp: 193440
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7



#68
m/p-Xylenes
Concen: 37.456 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 106 Resp: 165441
Ion Ratio Lower Upper
106 100
91 188.3 161.5 242.3

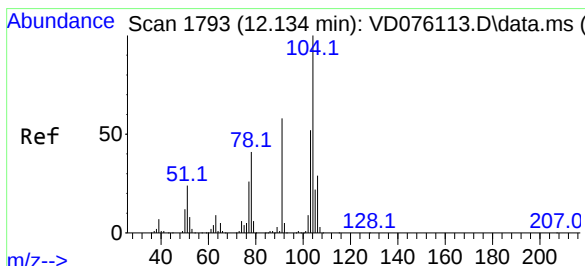
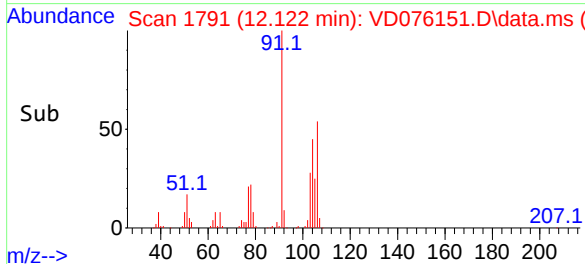
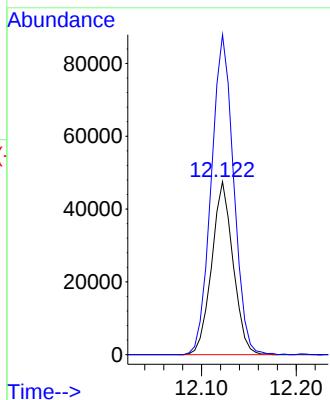
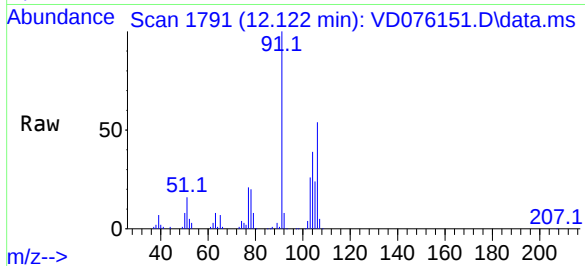




#69
o-Xylene
Concen: 18.463 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

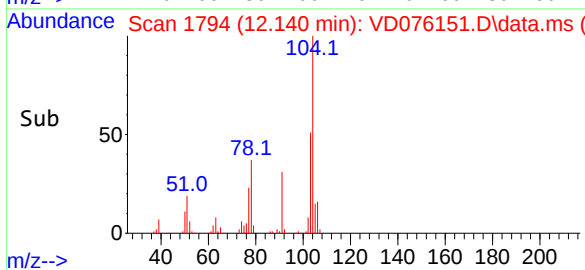
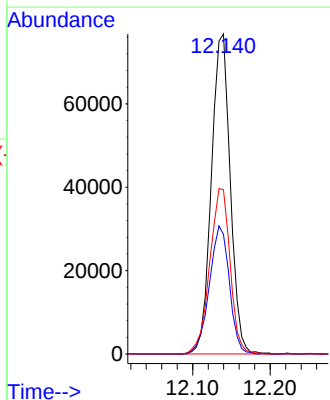
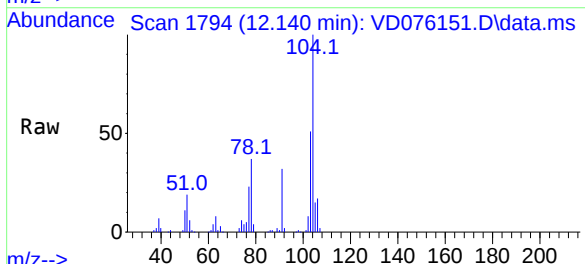
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

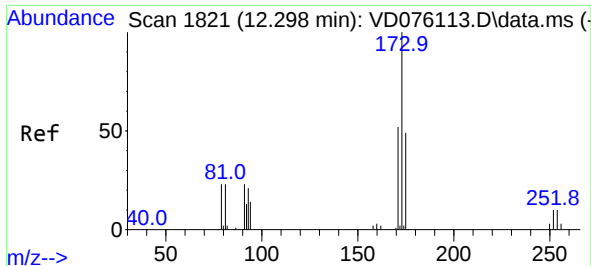
Tgt Ion:106 Resp: 74409
Ion Ratio Lower Upper
106 100
91 194.0 105.7 317.1



#70
Styrene
Concen: 18.612 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:104 Resp: 130049
Ion Ratio Lower Upper
104 100
78 42.3 40.2 60.4
103 55.7 44.2 66.2

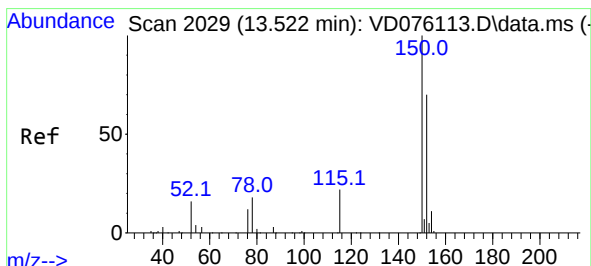
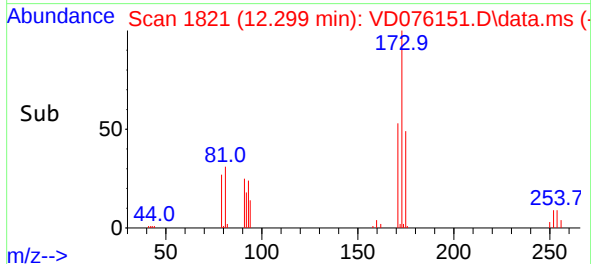
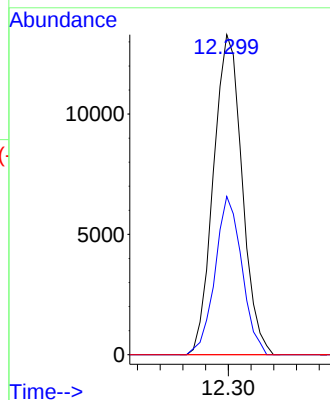
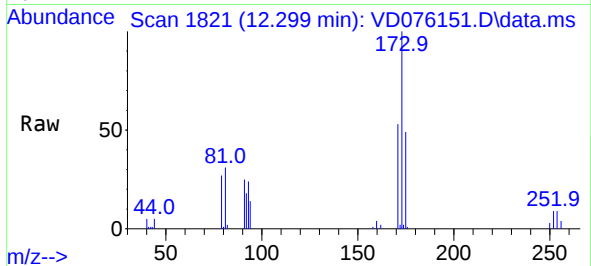




#71
Bromoform
Concen: 17.812 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

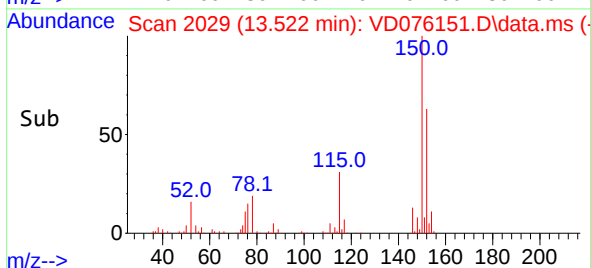
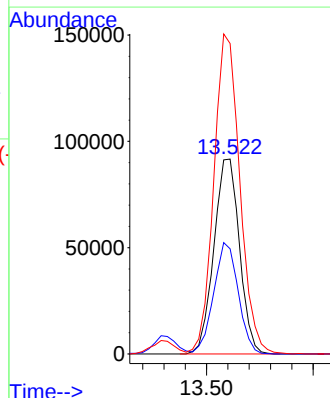
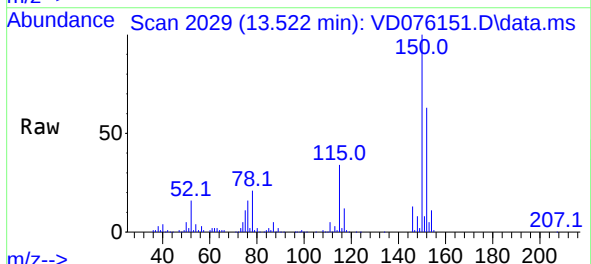
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

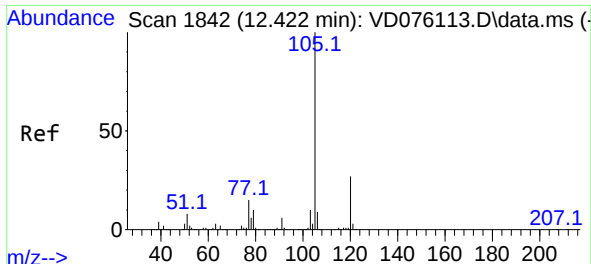
Tgt Ion:173 Resp: 23319
Ion Ratio Lower Upper
173 100
175 46.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:152 Resp: 152522
Ion Ratio Lower Upper
152 100
115 54.9 30.1 90.3
150 167.2 0.0 364.8

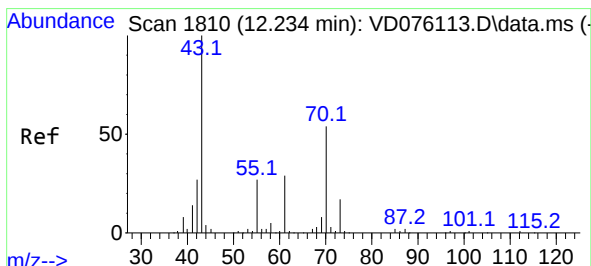
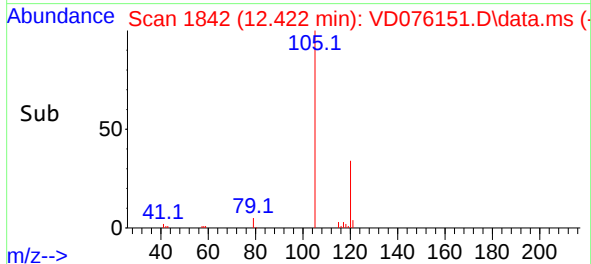
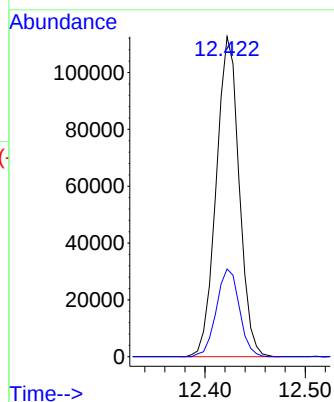
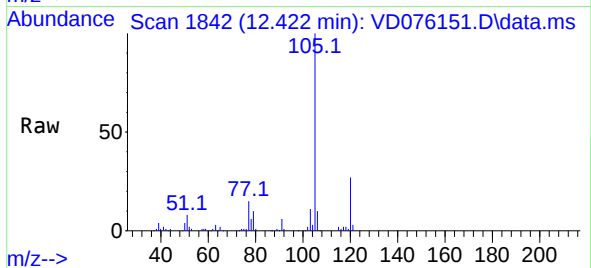




#73
Isopropylbenzene
Concen: 17.695 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

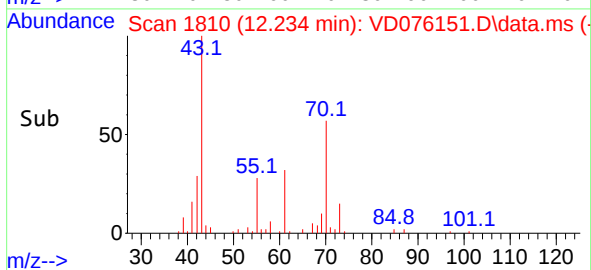
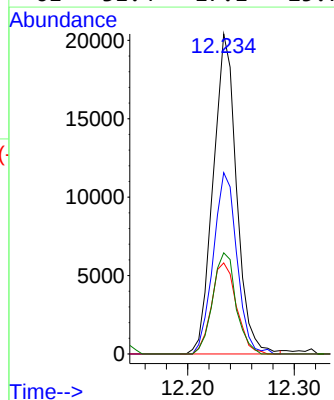
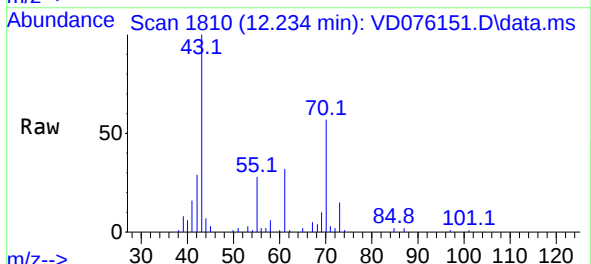
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

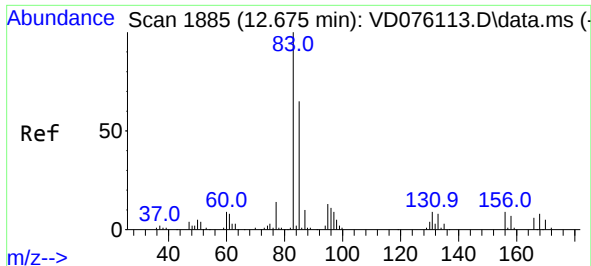
Tgt Ion:105 Resp: 178530
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 17.295 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 43 Resp: 31081
Ion Ratio Lower Upper
43 100
70 57.3 31.0 46.4#
55 30.2 18.6 28.0#
61 31.4 17.1 25.7#

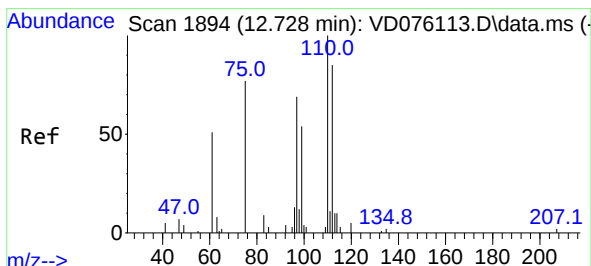
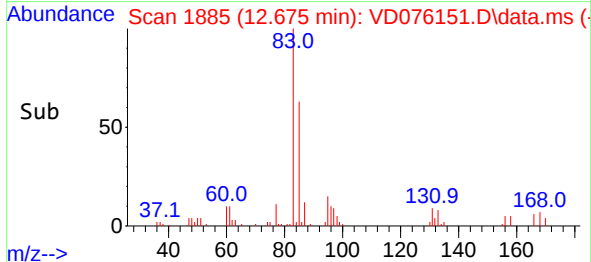
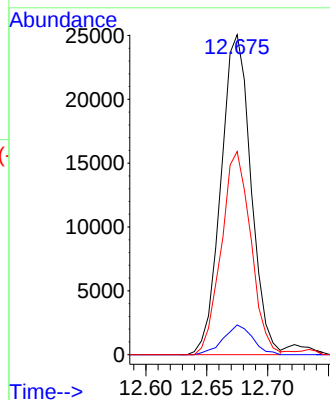
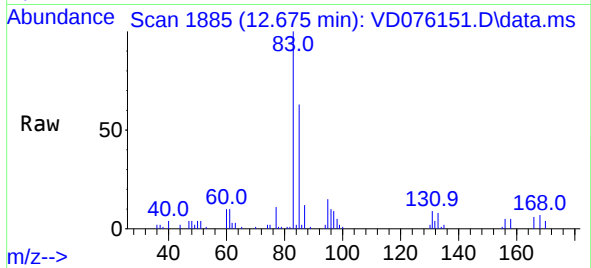




#75
1,1,2,2-Tetrachloroethane
Concen: 19.768 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

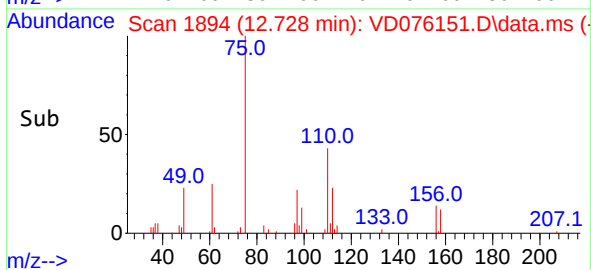
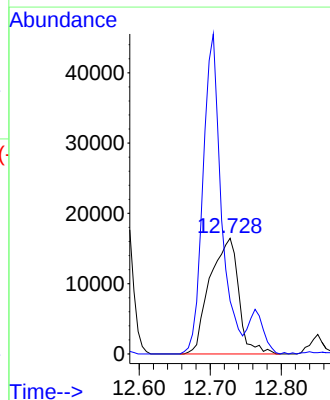
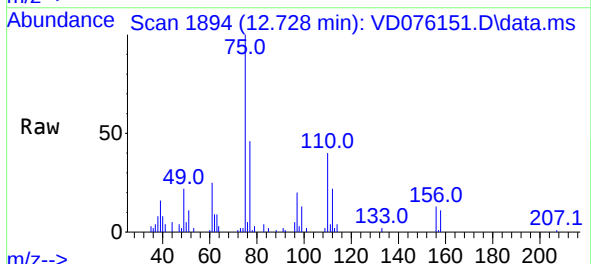
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

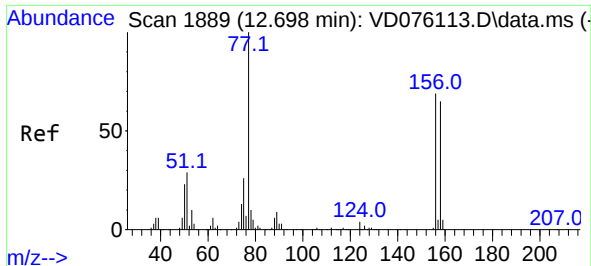
Tgt Ion: 83 Resp: 42866
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.2
85 63.0 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 34.743 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 75 Resp: 46371
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

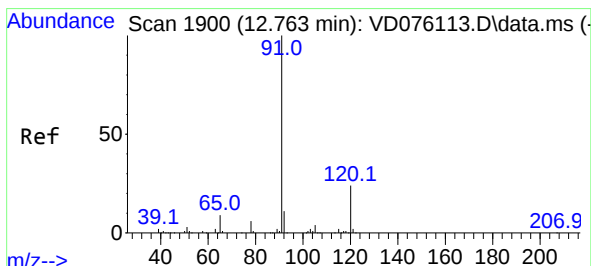
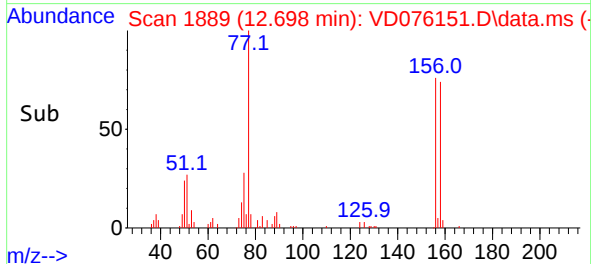
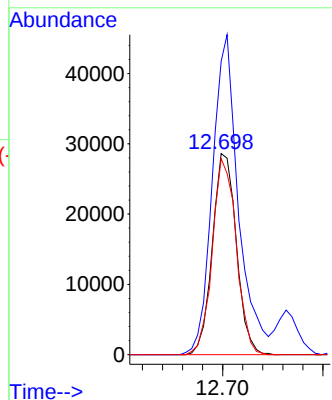
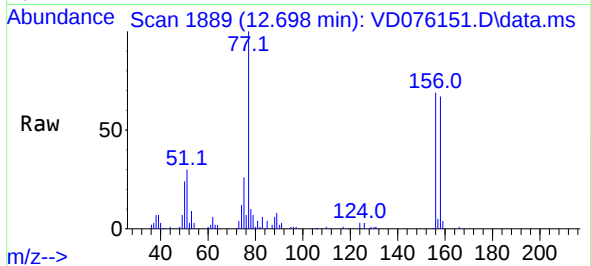




#77
Bromobenzene
Concen: 17.625 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

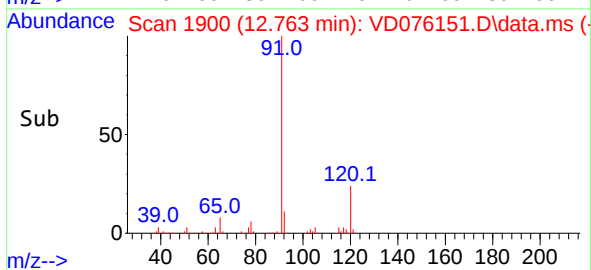
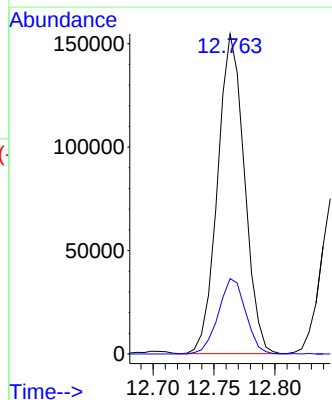
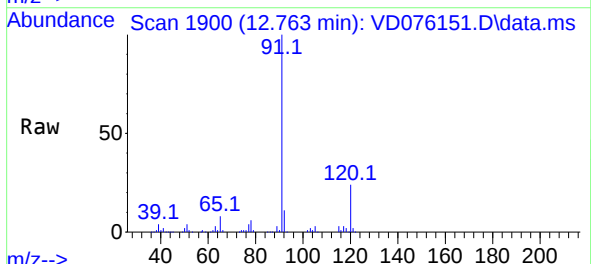
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

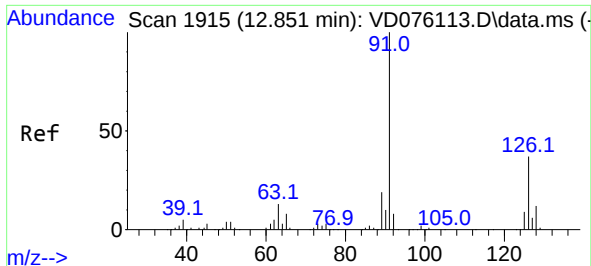
Tgt Ion:156 Resp: 47663
Ion Ratio Lower Upper
156 100
77 171.8 89.5 268.6
158 96.8 47.8 143.4



#78
n-propylbenzene
Concen: 18.864 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 91 Resp: 236908
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2

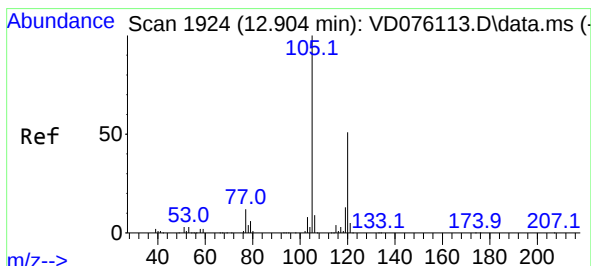
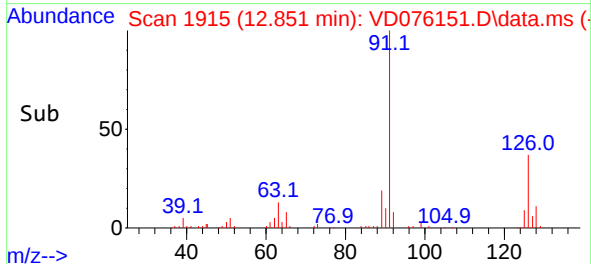
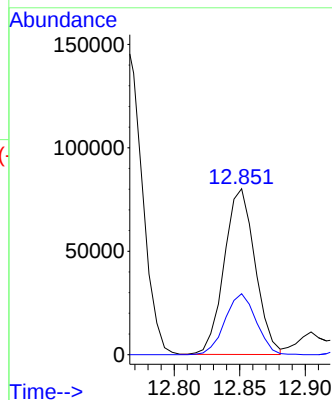
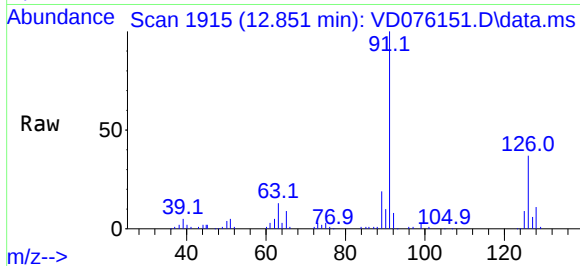




#79
2-Chlorotoluene
Concen: 18.917 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

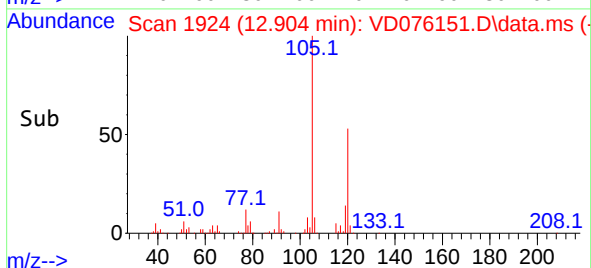
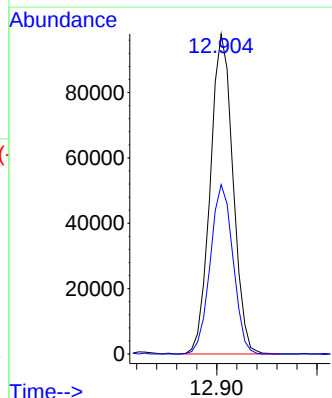
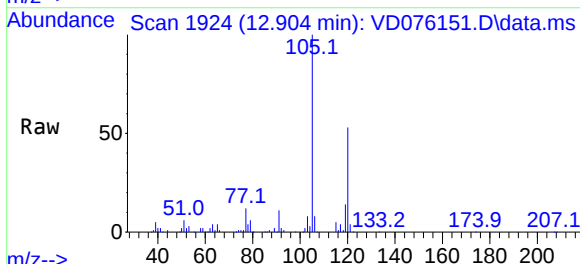
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

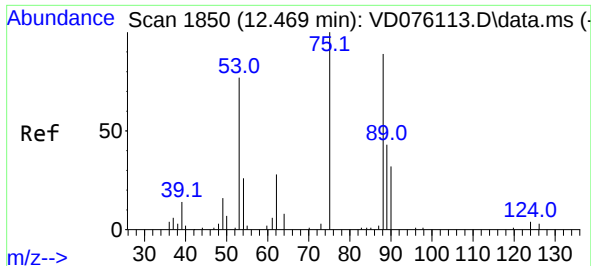
Tgt Ion: 91 Resp: 131483
Ion Ratio Lower Upper
91 100
126 37.0 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 18.408 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 105 Resp: 153965
Ion Ratio Lower Upper
105 100
120 53.0 24.3 72.8

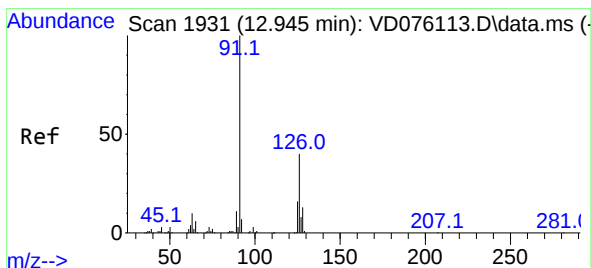
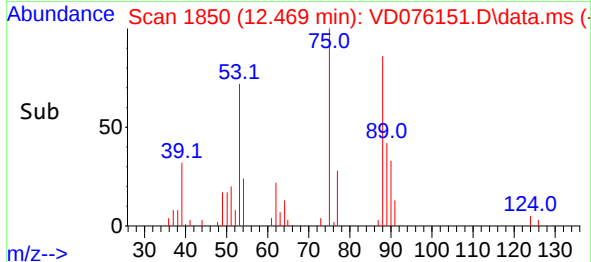
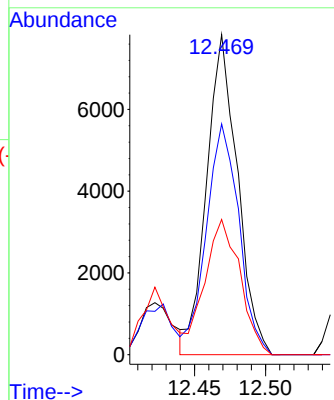
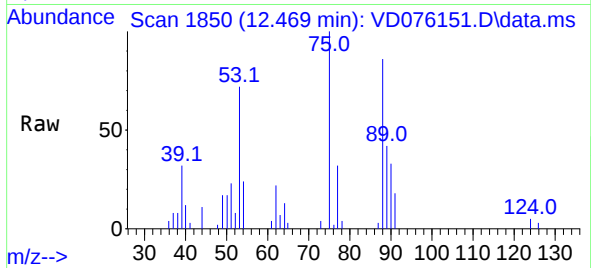




#81
trans-1,4-Dichloro-2-butene
Concen: 18.570 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

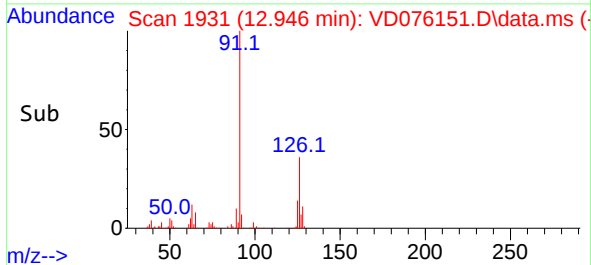
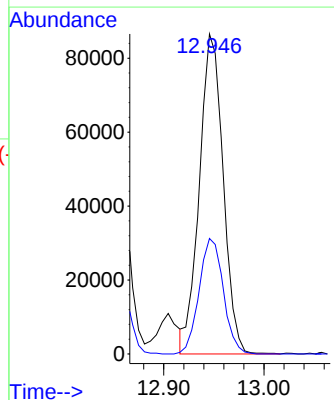
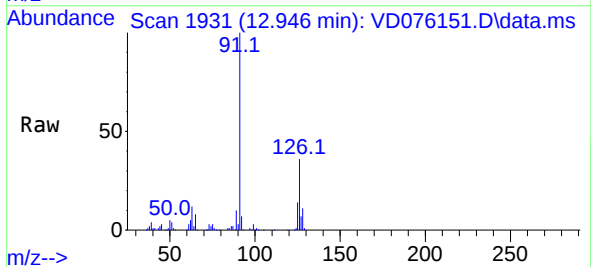
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

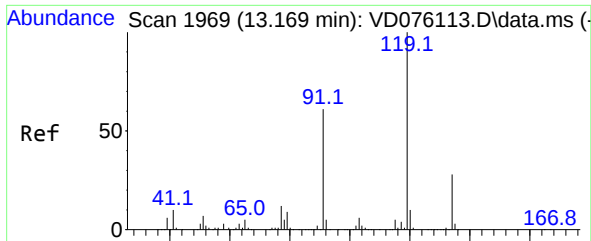
Tgt Ion: 75 Resp: 11815
Ion Ratio Lower Upper
75 100
53 76.3 90.5 135.7#
89 47.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.313 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.005 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 91 Resp: 142783
Ion Ratio Lower Upper
91 100
126 36.7 17.1 51.2

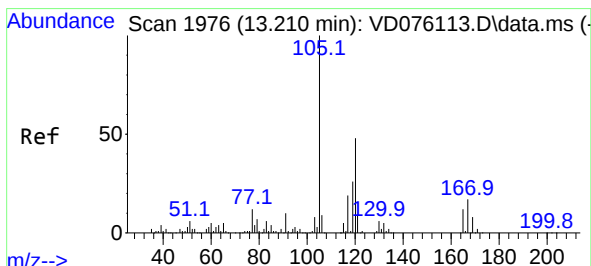
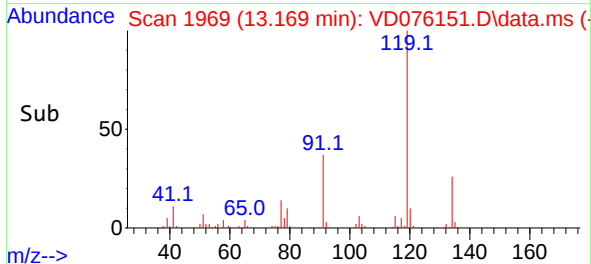
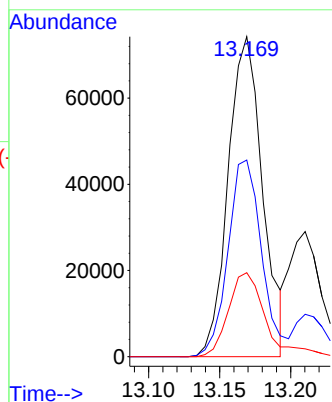
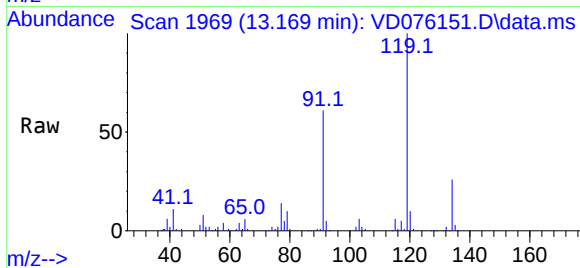




#83
tert-Butylbenzene
Concen: 17.710 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

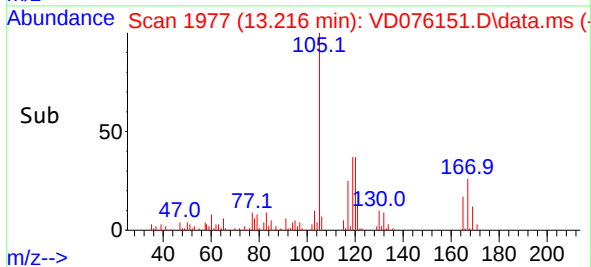
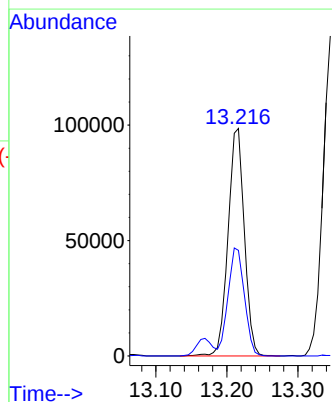
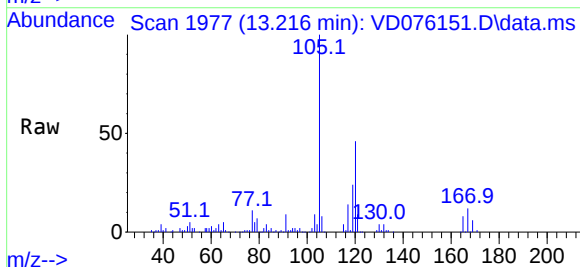
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

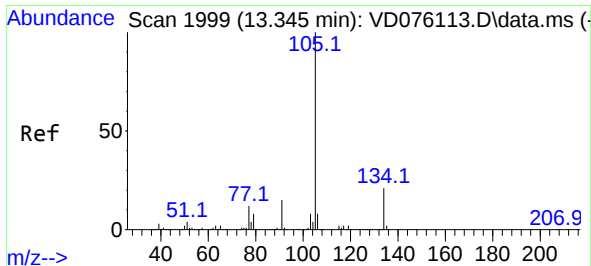
Tgt Ion:119 Resp: 125188
Ion Ratio Lower Upper
119 100
91 60.4 32.4 97.0
134 28.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 18.845 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:105 Resp: 156974
Ion Ratio Lower Upper
105 100
120 47.5 22.3 66.9

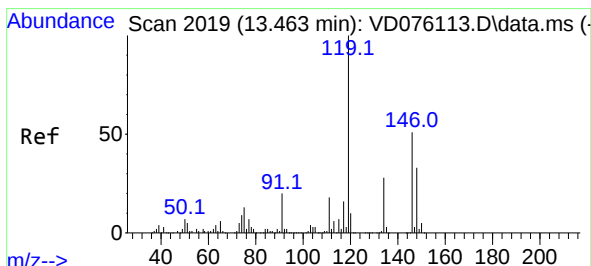
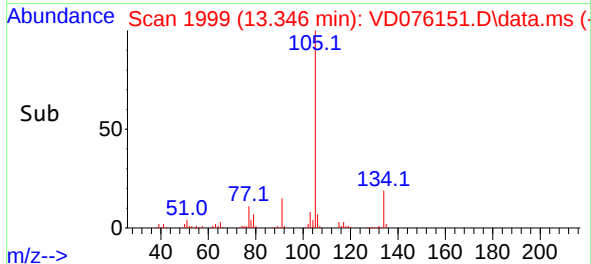
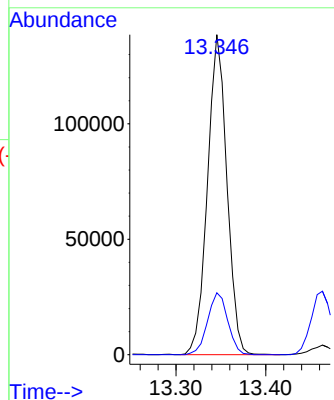
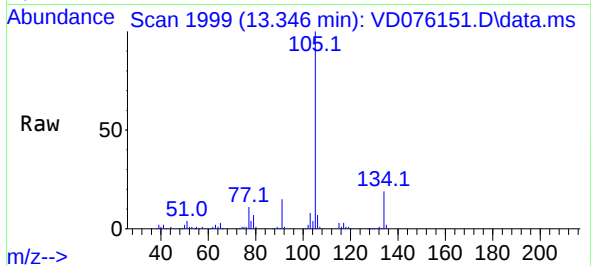




#85
sec-Butylbenzene
Concen: 18.891 ug/l
RT: 13.346 min Scan# 1999
Delta R.T. 0.001 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

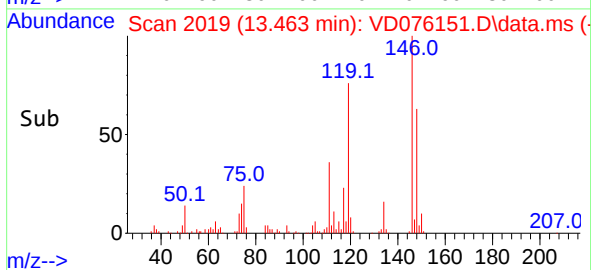
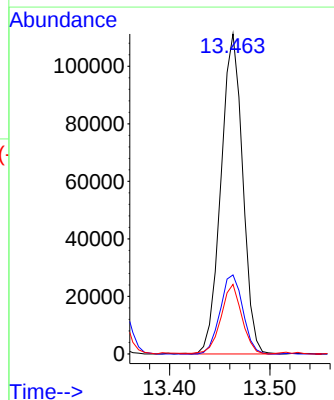
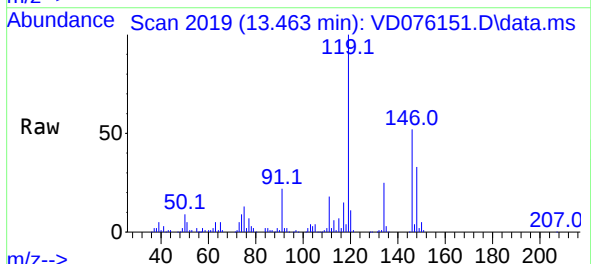
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

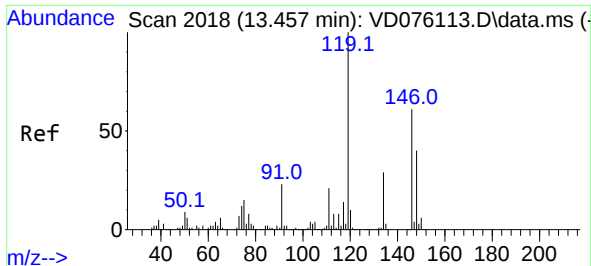
Tgt Ion:105 Resp: 208106
Ion Ratio Lower Upper
105 100
134 20.1 9.9 29.7



#86
p-Isopropyltoluene
Concen: 18.546 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:119 Resp: 167175
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.3
91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.612 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

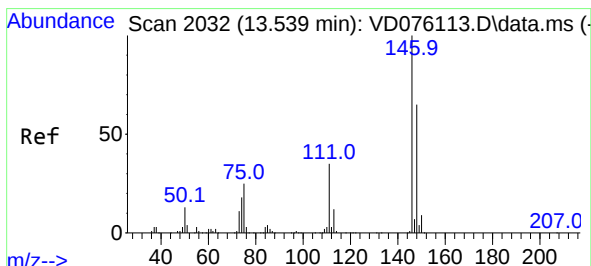
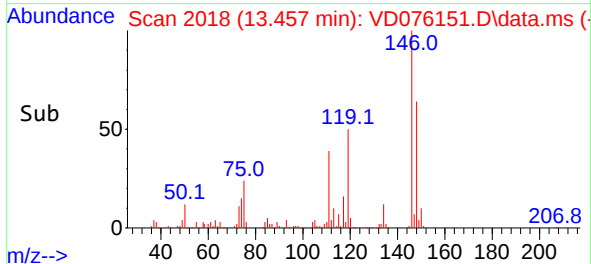
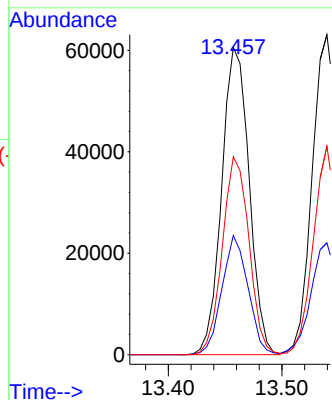
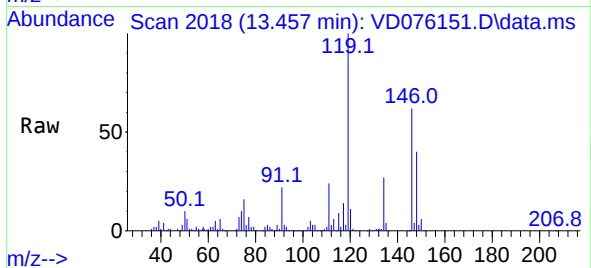
Tgt Ion:146 Resp: 101766

Ion Ratio Lower Upper

146 100

111 37.0 19.8 59.3

148 62.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 19.307 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

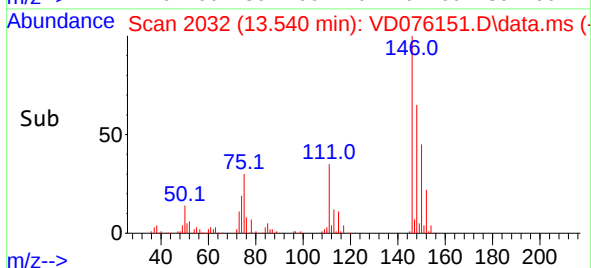
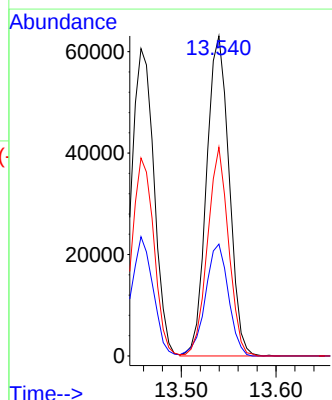
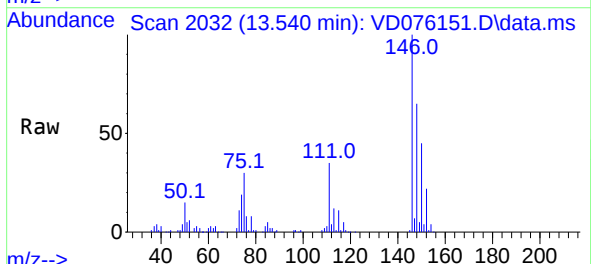
Tgt Ion:146 Resp: 104530

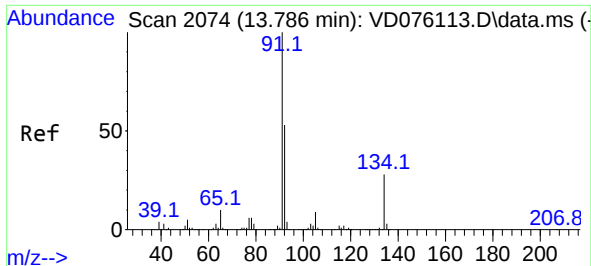
Ion Ratio Lower Upper

146 100

111 35.6 19.6 58.8

148 61.0 31.7 95.1

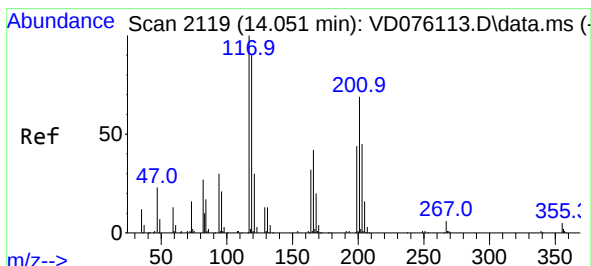
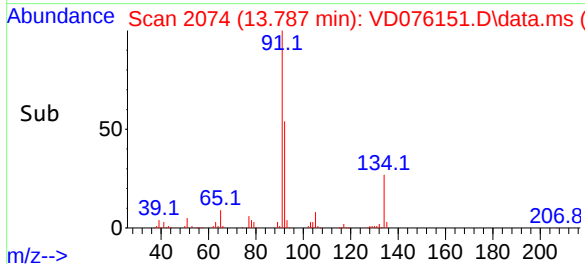
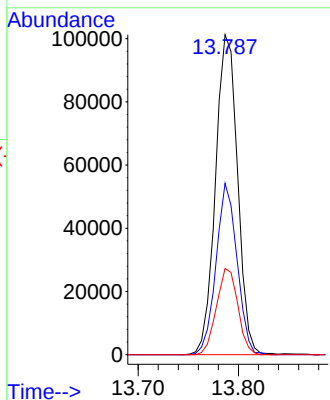
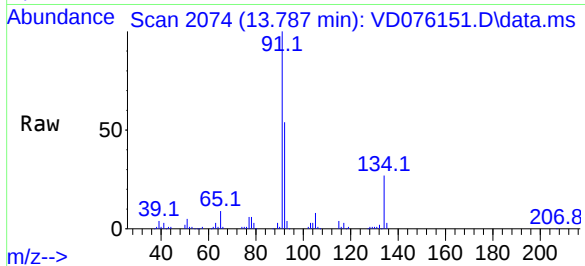




#89
n-Butylbenzene
Concen: 18.201 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

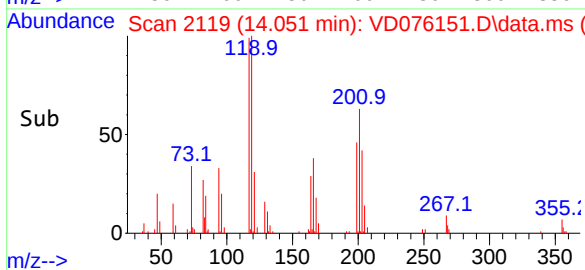
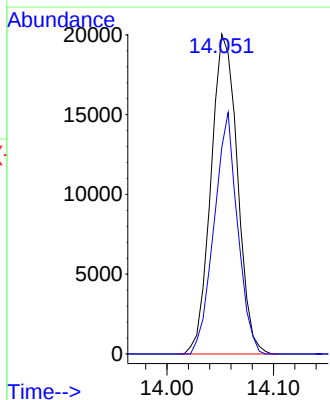
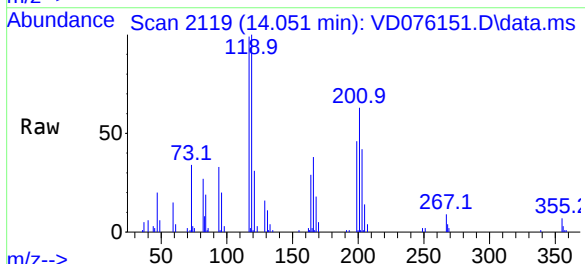
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

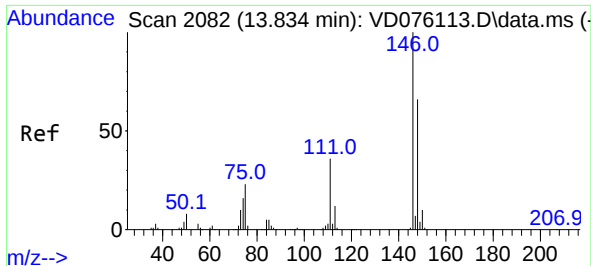
Tgt Ion: 91 Resp: 154607
Ion Ratio Lower Upper
91 100
92 50.8 26.2 78.5
134 26.1 12.7 38.0



#90
Hexachloroethane
Concen: 18.636 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion: 117 Resp: 34553
Ion Ratio Lower Upper
117 100
201 67.1 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 18.321 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS01

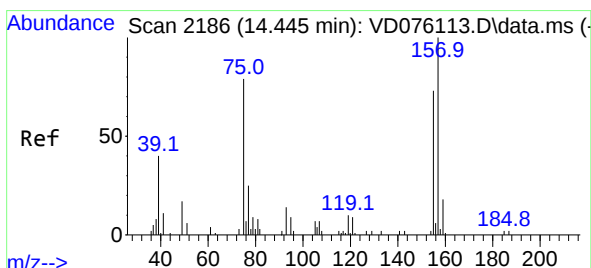
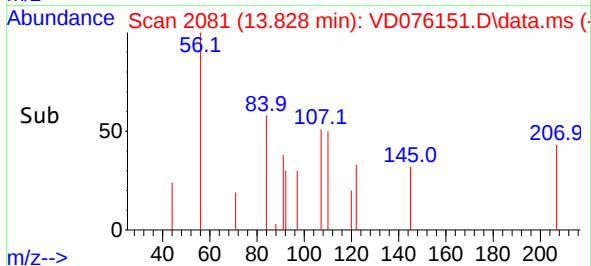
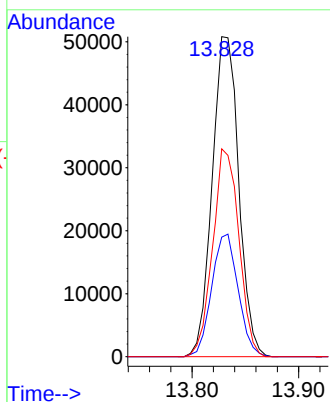
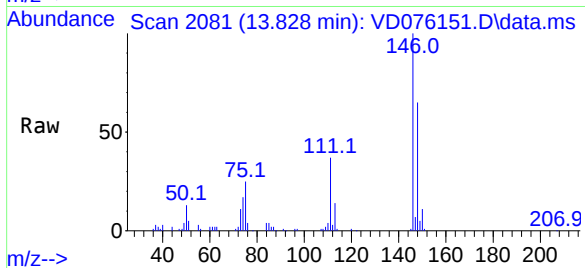
Tgt Ion:146 Resp: 87908

Ion Ratio Lower Upper

146 100

111 38.2 20.6 61.8

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.218 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076151.D

Acq: 19 May 2023 12:05

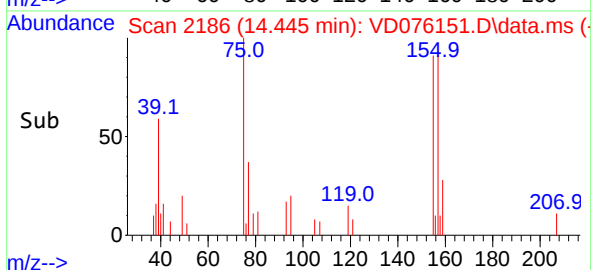
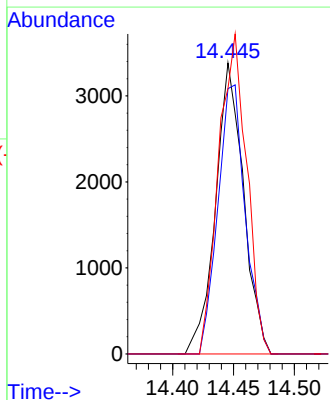
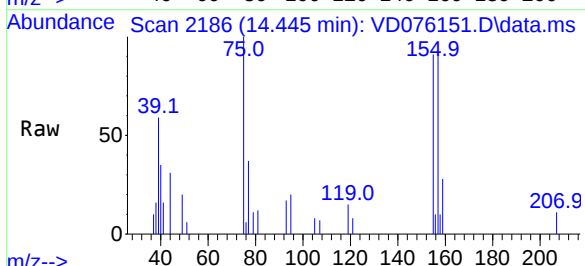
Tgt Ion: 75 Resp: 5411

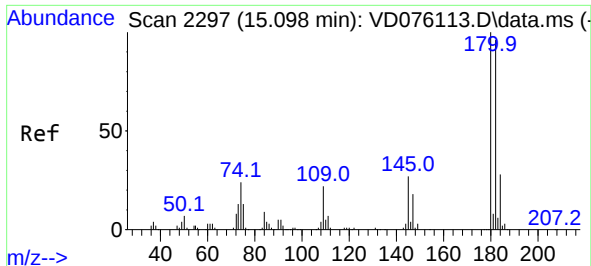
Ion Ratio Lower Upper

75 100

155 90.6 39.5 118.5

157 110.2 53.5 160.7

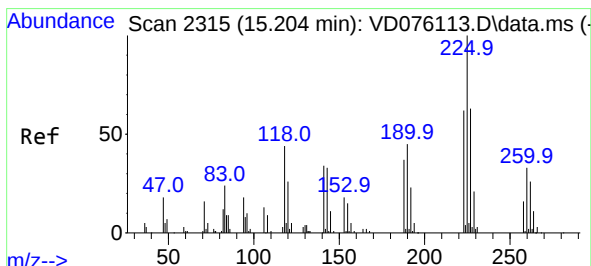
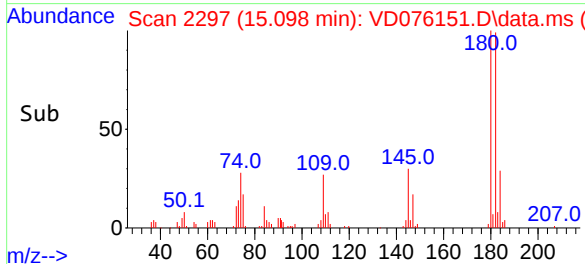
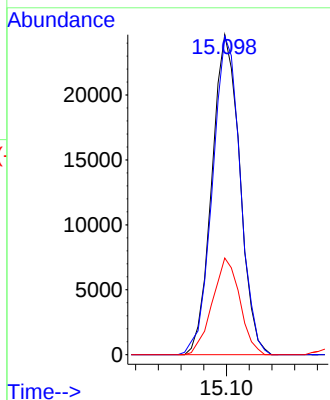
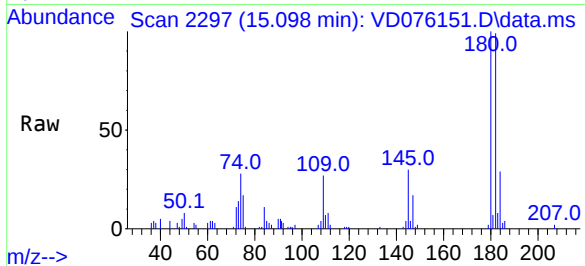




#93
1,2,4-Trichlorobenzene
Concen: 15.040 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

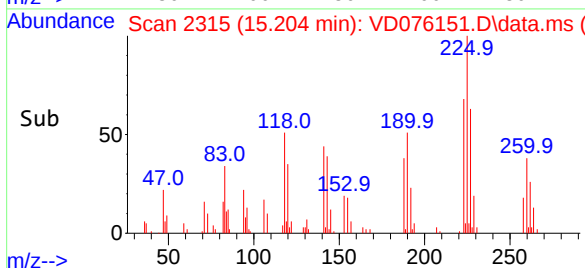
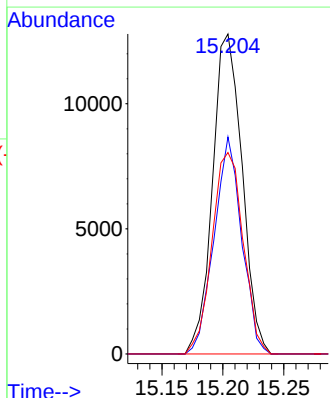
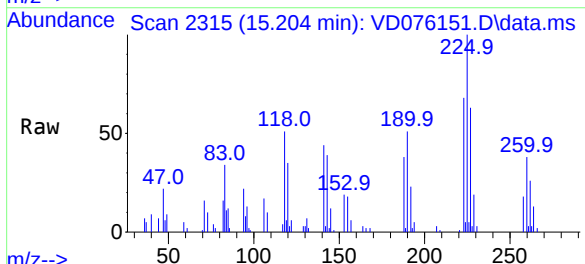
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

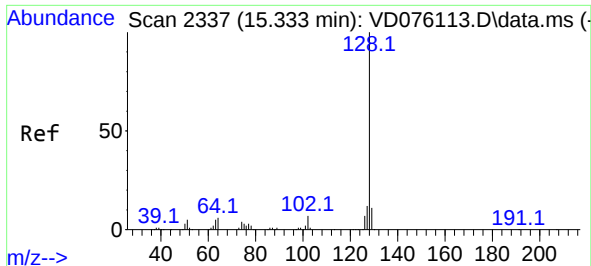
Tgt Ion:180 Resp: 41978
Ion Ratio Lower Upper
180 100
182 98.9 47.9 143.7
145 29.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 15.182 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:225 Resp: 21605
Ion Ratio Lower Upper
225 100
223 63.3 33.1 99.2
227 66.4 31.9 95.9

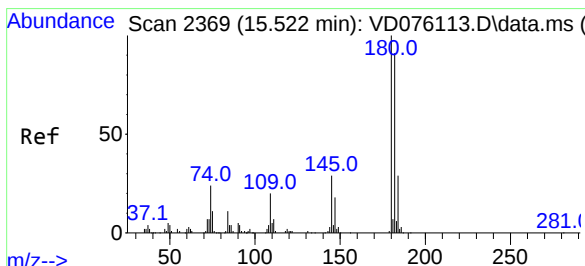
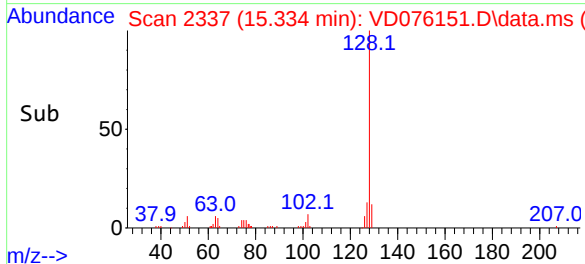
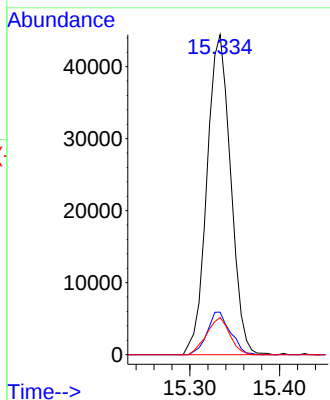
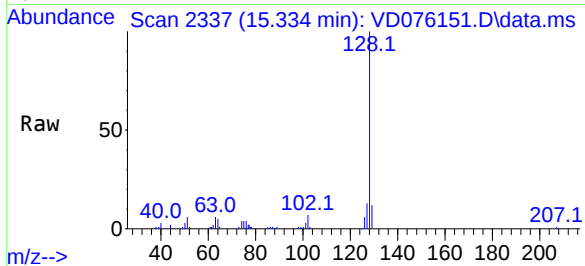




#95
Naphthalene
Concen: 15.727 ug/l
RT: 15.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Tgt Ion:	128	Resp:	81560
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 15.453 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076151.D
Acq: 19 May 2023 12:05

Tgt Ion:	180	Resp:	39226
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	30.3	16.4	49.4

