

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076300.D
 Acq On : 31 May 2023 22:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 01:45:12 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	164232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85293	53.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.480%	
35) Dibromofluoromethane	7.810	113	100974	53.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.269	98	367504	50.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.575	95	107717	52.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	59424	40.119	ug/l	99
3) Chloromethane	2.146	50	133987	55.575	ug/l	99
4) Vinyl Chloride	2.275	62	161181	50.457	ug/l	99
5) Bromomethane	2.681	94	91562	42.574	ug/l	98
6) Chloroethane	2.828	64	117900	54.860	ug/l	94
7) Trichlorofluoromethane	3.163	101	121614	44.916	ug/l	93
8) Diethyl Ether	3.593	74	46765	52.521	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.958	101	83326	46.721	ug/l	94
10) Methyl Iodide	4.158	142	95296	51.390	ug/l	91
11) Tert butyl alcohol	5.069	59	24617	293.188	ug/l #	100
12) 1,1-Dichloroethene	3.928	96	80445	45.321	ug/l	92
13) Acrolein	3.799	56	41991	204.342	ug/l	98
14) Allyl chloride	4.552	41	83355	46.271	ug/l #	78
15) Acrylonitrile	5.252	53	104634	283.812	ug/l	97
16) Acetone	4.022	43	66168	209.521	ug/l #	77
17) Carbon Disulfide	4.263	76	200354	41.213	ug/l	99
18) Methyl Acetate	4.558	43	66278	58.834	ug/l #	75
19) Methyl tert-butyl Ether	5.316	73	195464	56.262	ug/l	94
20) Methylene Chloride	4.793	84	116702	45.851	ug/l #	78
21) trans-1,2-Dichloroethene	5.305	96	97607	47.713	ug/l #	77
22) Diisopropyl ether	6.216	45	243135	58.147	ug/l #	89
23) Vinyl Acetate	6.157	43	553066	336.396	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	171170	51.907	ug/l	97
25) 2-Butanone	7.081	43	107711	271.255	ug/l #	75
26) 2,2-Dichloropropane	7.069	77	125004	46.489	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	118491	52.196	ug/l	84
28) Bromochloromethane	7.422	49	56451	51.339	ug/l #	61
29) Tetrahydrofuran	7.446	42	69973	302.332	ug/l #	68
30) Chloroform	7.593	83	190724	54.083	ug/l	93
31) Cyclohexane	7.869	56	104244	42.882	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	140891	50.133	ug/l	97
36) 1,1-Dichloropropene	8.004	75	119575	47.011	ug/l	95
37) Ethyl Acetate	7.175	43	51055	57.965	ug/l #	83
38) Carbon Tetrachloride	7.993	117	107988	47.002	ug/l	99
39) Methylcyclohexane	9.269	83	124359	42.466	ug/l	97
40) Benzene	8.246	78	407654	49.850	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25194	52.167	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	105057	54.315	ug/l	93
43) Isopropyl Acetate	8.357	43	88390	53.722	ug/l #	79
44) Trichloroethene	9.028	130	107764	46.760	ug/l	89
45) 1,2-Dichloropropane	9.304	63	107346	53.218	ug/l	95
46) Dibromomethane	9.393	93	61306	54.223	ug/l	94
47) Bromodichloromethane	9.581	83	148008	54.469	ug/l	95
48) Methyl methacrylate	9.381	41	39886	54.773	ug/l #	62
49) 1,4-Dioxane	9.387	88	15377	1271.825	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	258894	295.857	ug/l #	81
52) Toluene	10.334	92	258324	50.578	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	129034	52.687	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	158829	53.142	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	91246	56.277	ug/l	95
56) Ethyl methacrylate	10.598	69	92451	56.729	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	142194	55.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	207655	265.566	ug/l	92
59) 2-Hexanone	10.922	43	175667	284.656	ug/l	76
60) Dibromochloromethane	11.075	129	102941	56.466	ug/l	99
61) 1,2-Dibromoethane	11.181	107	80131	55.558	ug/l	99
64) Tetrachloroethene	10.810	164	91374	44.354	ug/l	93
65) Chlorobenzene	11.604	112	296553	48.623	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	108061	51.485	ug/l	96
67) Ethyl Benzene	11.681	91	475522	48.793	ug/l	97
68) m/p-Xylenes	11.792	106	396172	99.463	ug/l	90
69) o-Xylene	12.122	106	184628	50.800	ug/l	88
70) Styrene	12.134	104	330875	52.509	ug/l	94
71) Bromoform	12.298	173	60272	51.052	ug/l #	97
73) Isopropylbenzene	12.422	105	446594	45.798	ug/l	96
74) N-amyl acetate	12.234	43	83230	47.918	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.669	83	103525	49.396	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	116071	89.980	ug/l #	100
77) Bromobenzene	12.698	156	122870	47.011	ug/l	91
78) n-propylbenzene	12.763	91	563842	46.454	ug/l	97
79) 2-Chlorotoluene	12.851	91	306661	45.650	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	380055	47.014	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	29033	47.215	ug/l #	72
82) 4-Chlorotoluene	12.945	91	329848	46.162	ug/l	91
83) tert-Butylbenzene	13.169	119	321519	47.062	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	390161	48.464	ug/l	92
85) sec-Butylbenzene	13.345	105	491442	46.157	ug/l	97
86) p-Isopropyltoluene	13.457	119	411416	47.224	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	255575	48.363	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	250223	47.820	ug/l	97
89) n-Butylbenzene	13.786	91	374311	45.592	ug/l	99
90) Hexachloroethane	14.051	117	78418	43.760	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	224352	48.378	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13612	50.021	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	120928	44.829	ug/l	98
94) Hexachlorobutadiene	15.204	225	57634	41.904	ug/l	97
95) Naphthalene	15.333	128	250754	50.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	114116	46.515	ug/l	98

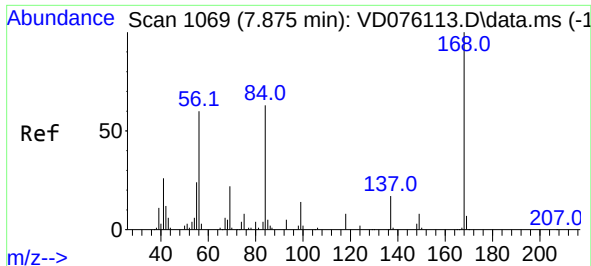
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Response via : Initial Calibration

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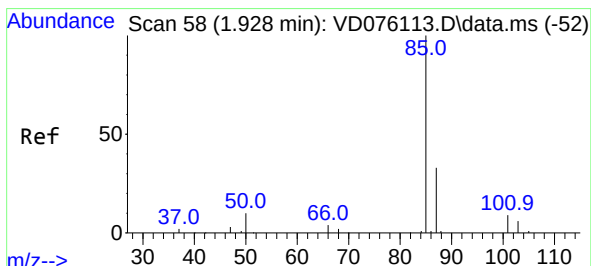
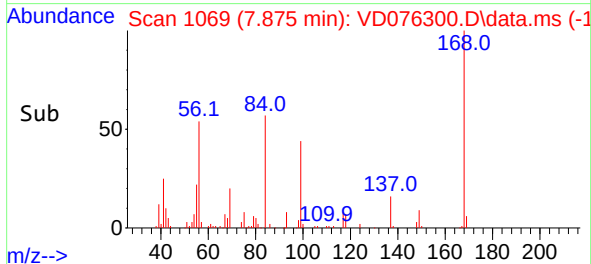
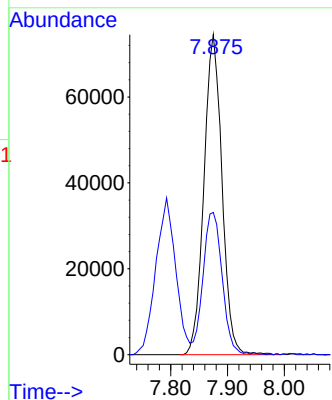
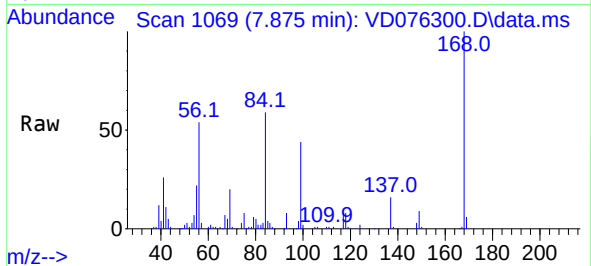
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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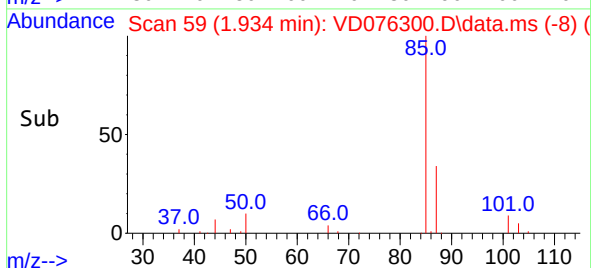
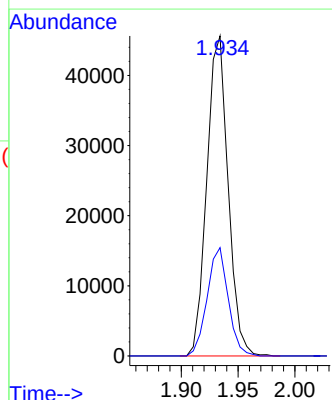
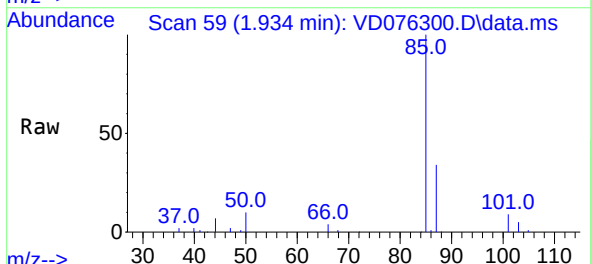
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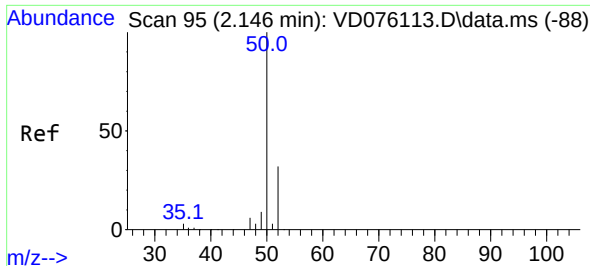
Tgt Ion:168 Resp: 164232
Ion Ratio Lower Upper
168 100
99 44.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 40.119 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 85 Resp: 59424
Ion Ratio Lower Upper
85 100
87 33.8 17.3 51.7

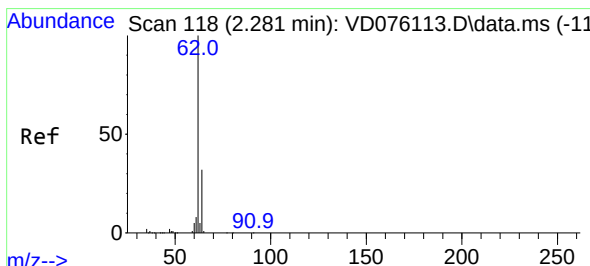
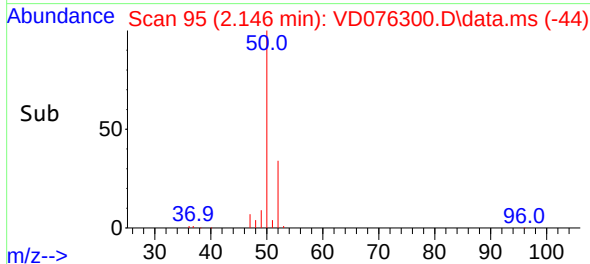
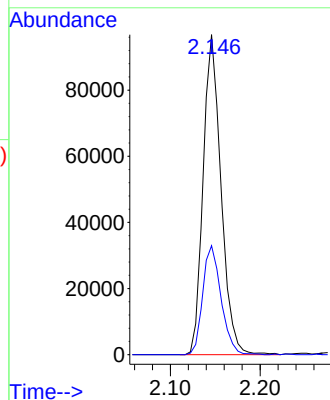
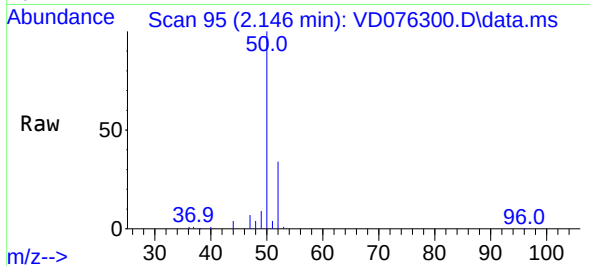




#3
Chloromethane
Concen: 55.575 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

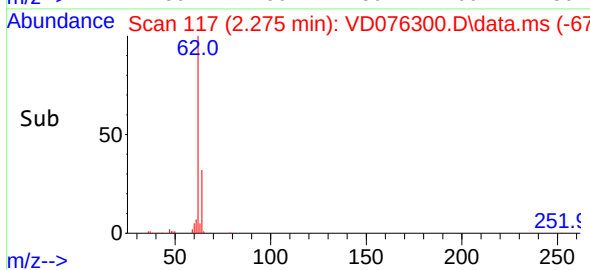
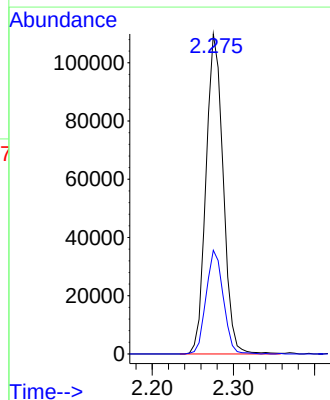
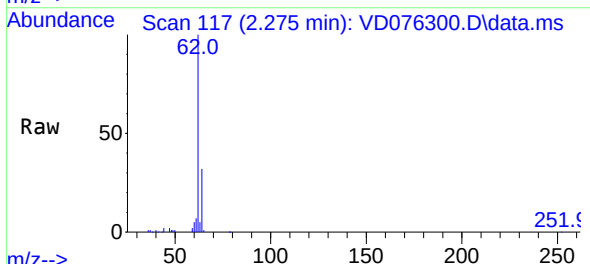
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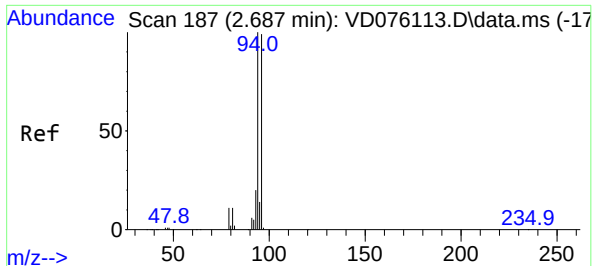
Tgt Ion: 50 Resp: 133987
Ion Ratio Lower Upper
50 100
52 34.1 27.8 41.8



#4
Vinyl Chloride
Concen: 50.457 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 62 Resp: 161181
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0

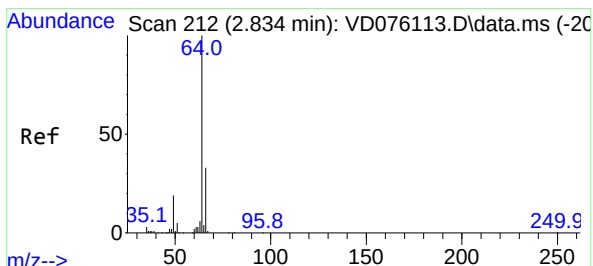
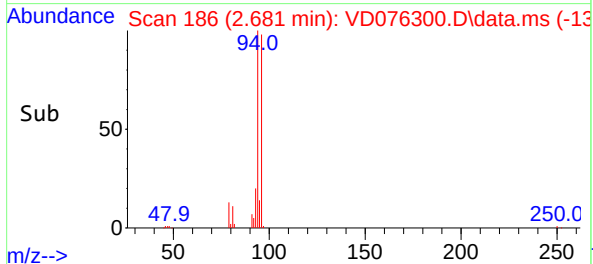
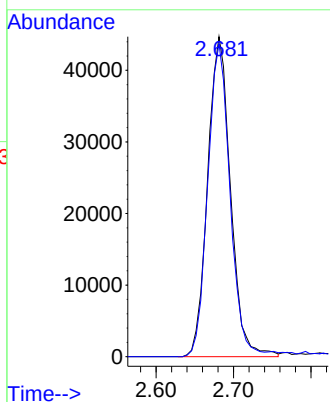
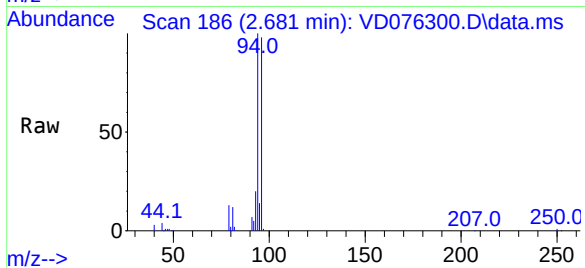




#5
Bromomethane
Concen: 42.574 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

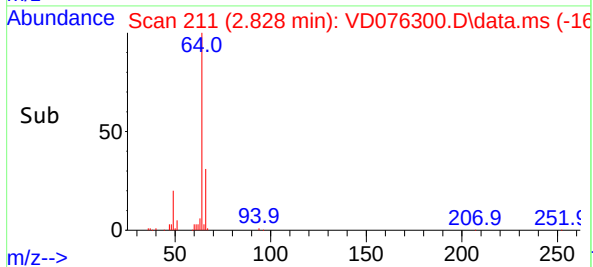
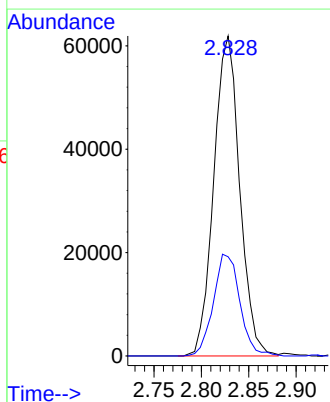
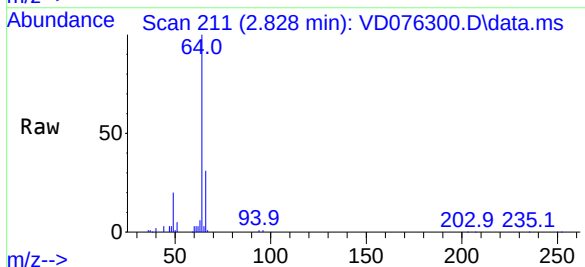
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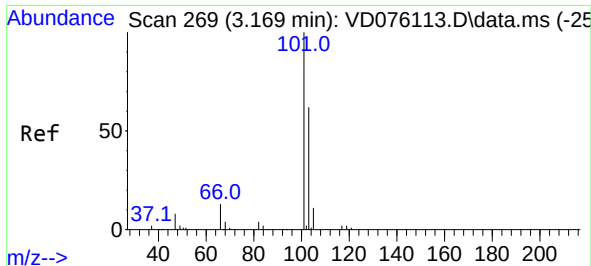
Tgt Ion: 94 Resp: 91562
Ion Ratio Lower Upper
94 100
96 94.7 77.5 116.3



#6
Chloroethane
Concen: 54.860 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 64 Resp: 117900
Ion Ratio Lower Upper
64 100
66 31.0 27.7 41.5

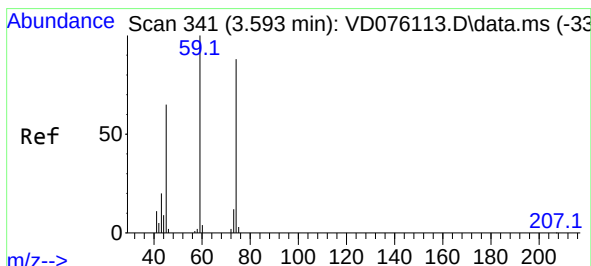
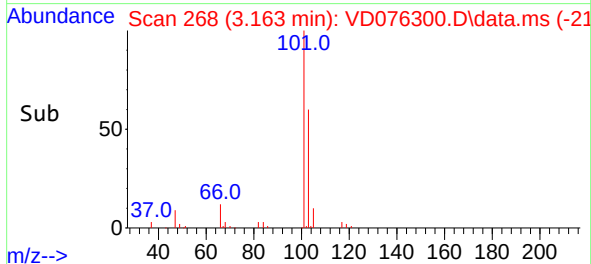
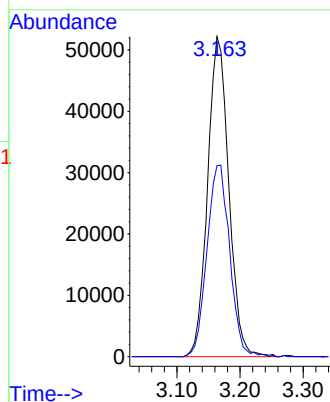
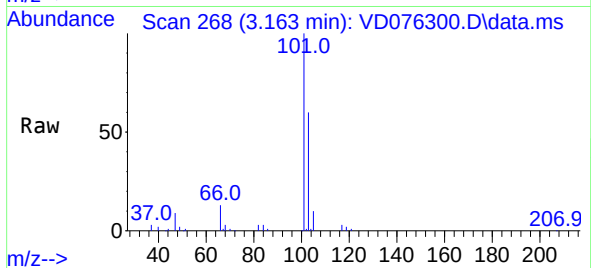




#7
Trichlorofluoromethane
Concen: 44.916 ug/l
RT: 3.163 min Scan# 206
Delta R.T. -0.006 min
Lab File: VD076300.D
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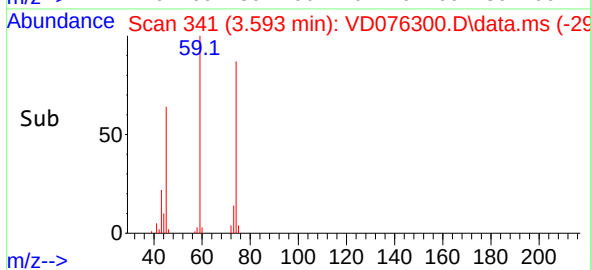
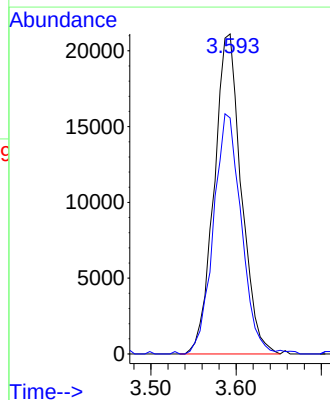
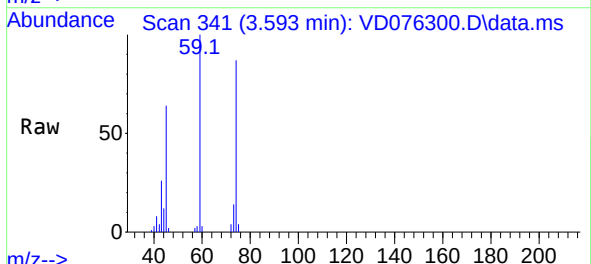
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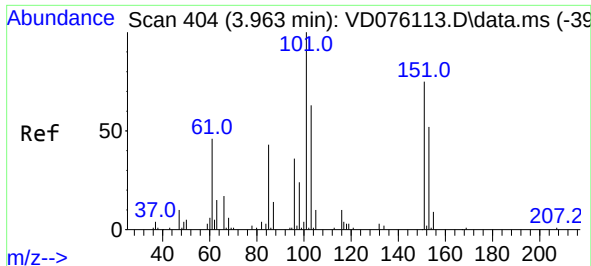
Tgt Ion:101 Resp: 121614
Ion Ratio Lower Upper
101 100
103 59.7 51.9 77.9



#8
Diethyl Ether
Concen: 52.521 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 74 Resp: 46765
Ion Ratio Lower Upper
74 100
45 77.2 50.9 152.7

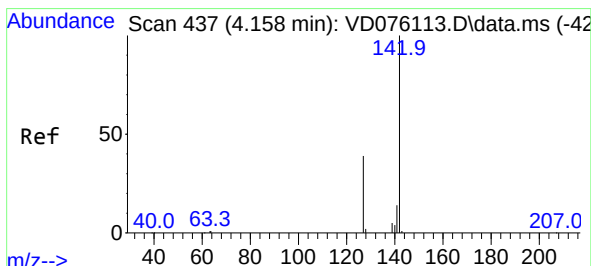
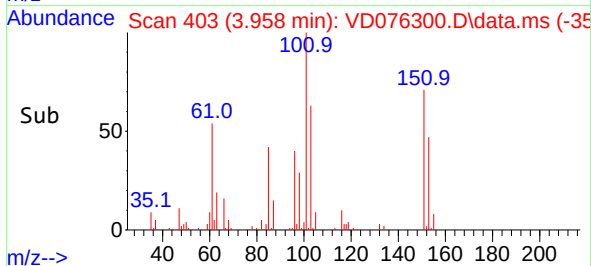
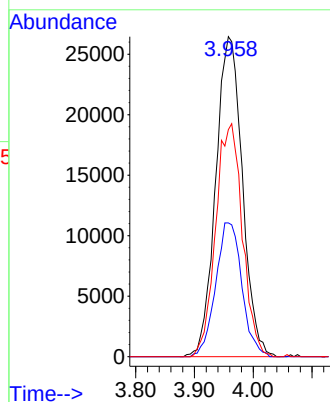
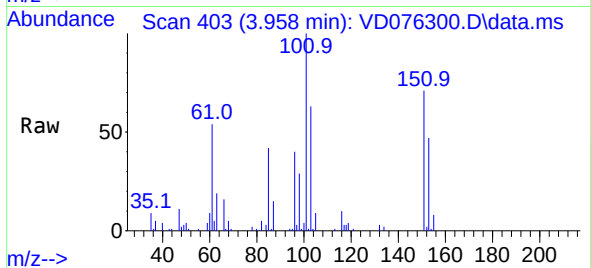




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.721 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
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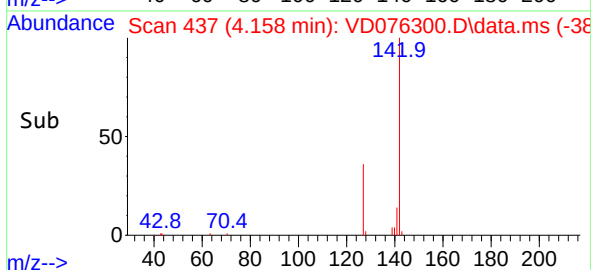
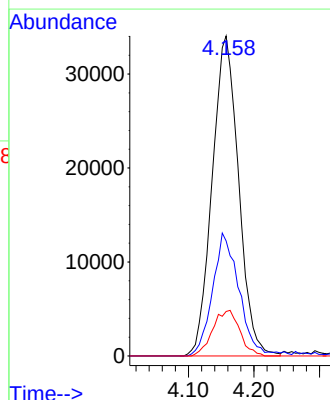
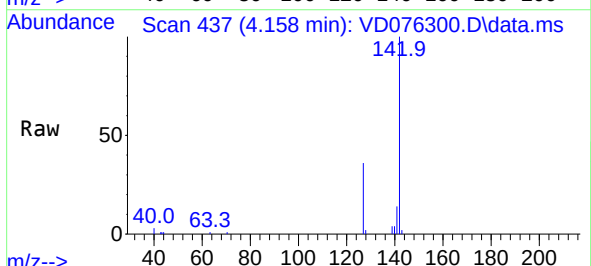
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ClientSampleId :
VSTDCCC050EC

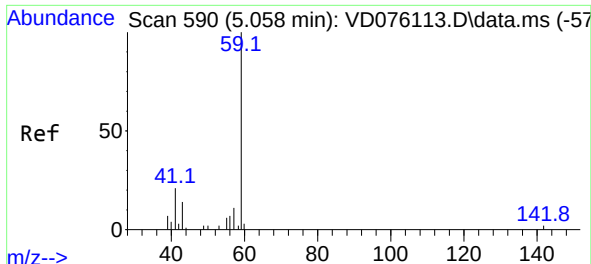
Tgt Ion:	101	Resp:	83326
Ion	Ratio	Lower	Upper
101	100		
85	41.1	38.3	57.5
151	72.8	60.4	90.6



#10
Methyl Iodide
Concen: 51.390 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:	142	Resp:	95296
Ion	Ratio	Lower	Upper
142	100		
127	38.8	37.1	55.7
141	14.6	11.3	16.9





#11

Tert butyl alcohol

Concen: 293.188 ug/l

RT: 5.069 min Scan# 59

Delta R.T. 0.017 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

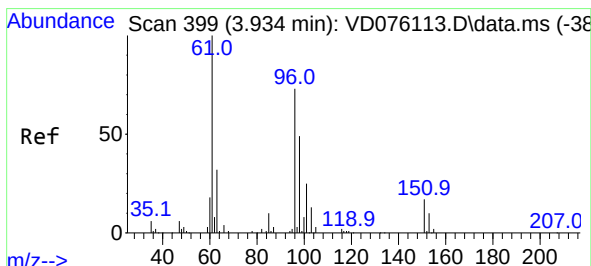
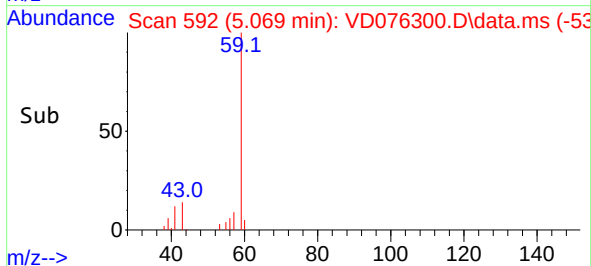
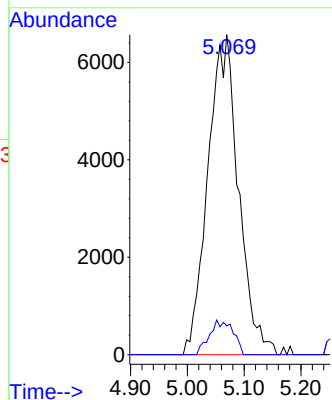
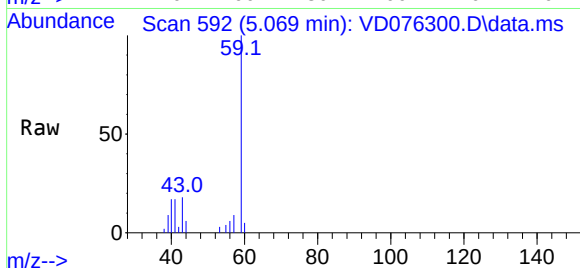
VSTDCCC050EC

Tgt Ion: 59 Resp: 24617

Ion Ratio Lower Upper

59 100

57 8.3 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 45.321 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.012 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

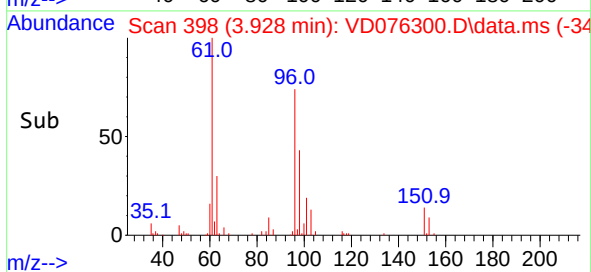
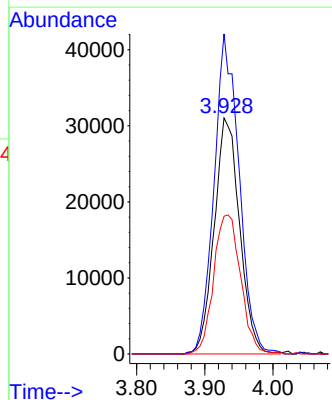
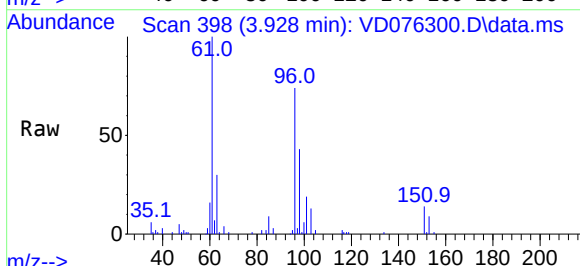
Tgt Ion: 96 Resp: 80445

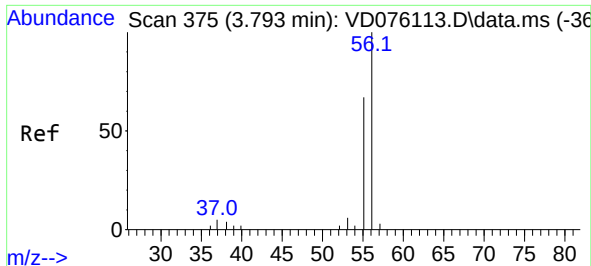
Ion Ratio Lower Upper

96 100

61 135.6 118.6 177.8

98 58.4 49.7 74.5

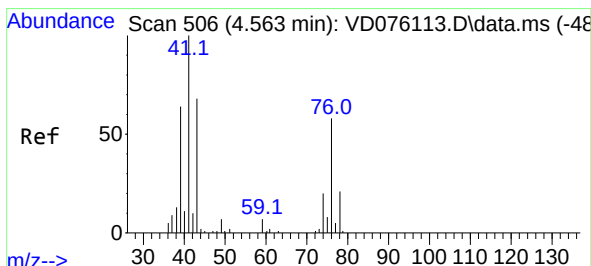
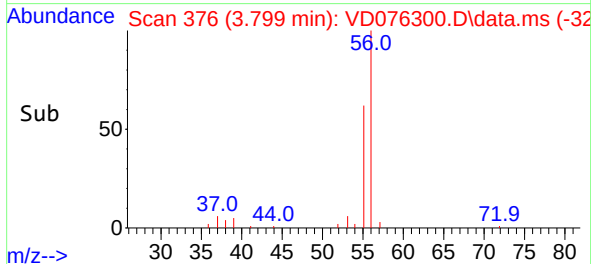
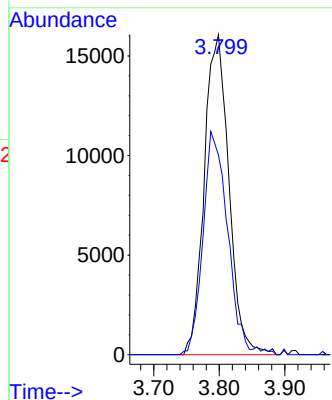
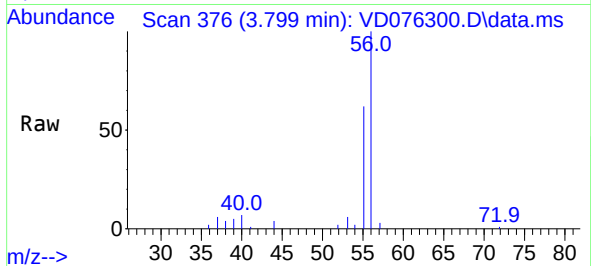




#13
Acrolein
Concen: 204.342 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

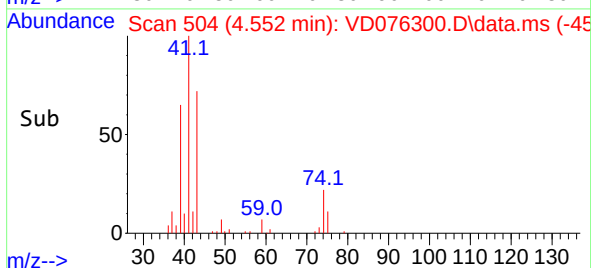
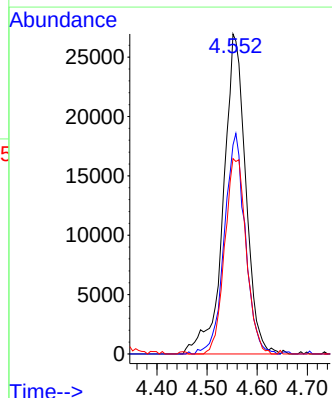
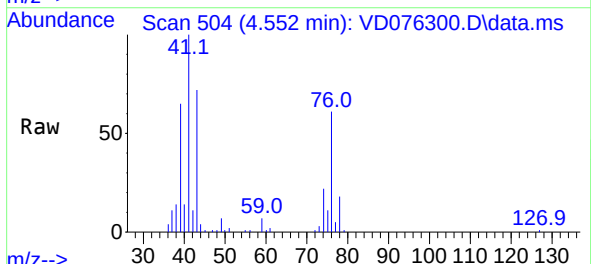
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

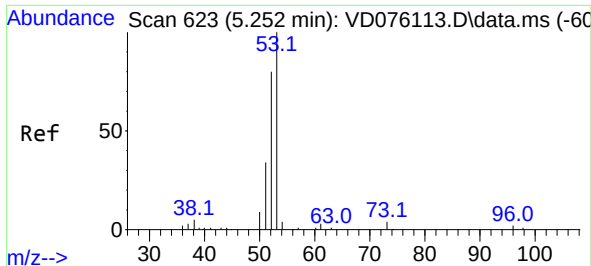
Tgt Ion: 56 Resp: 41991
Ion Ratio Lower Upper
56 100
55 69.0 53.9 80.9



#14
Allyl chloride
Concen: 46.271 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 41 Resp: 83355
Ion Ratio Lower Upper
41 100
39 64.4 60.6 90.8
76 59.0 28.6 43.0#

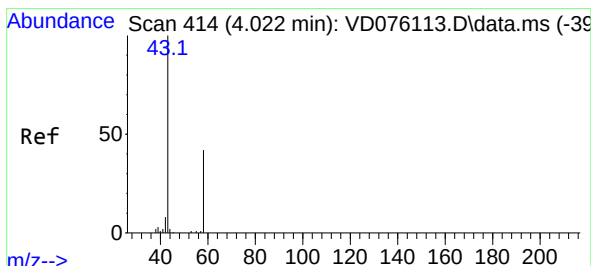
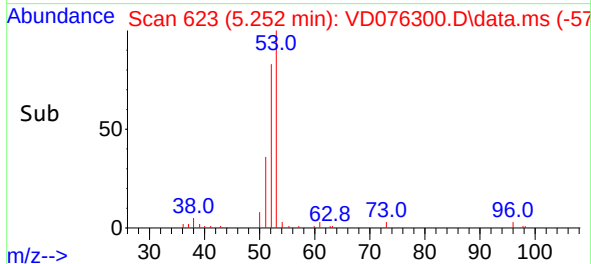
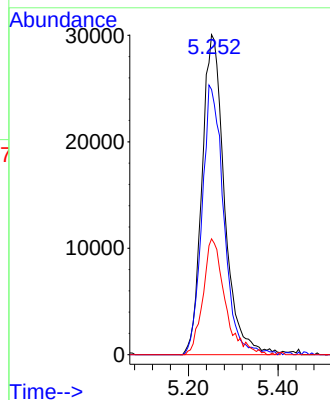
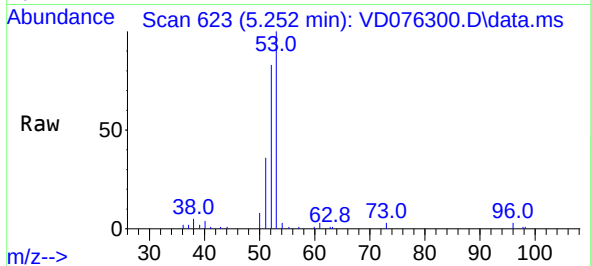




#15
Acrylonitrile
Concen: 283.812 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

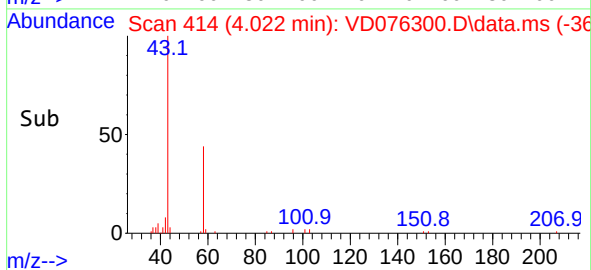
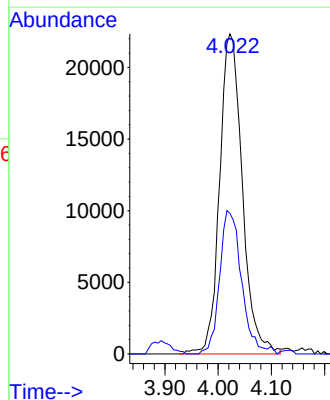
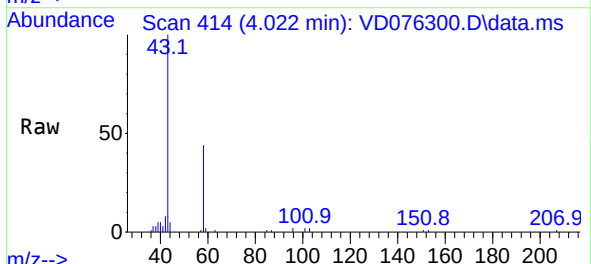
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

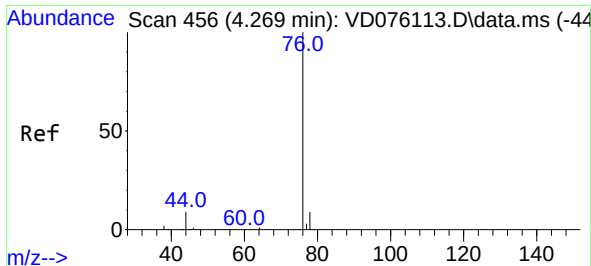
Tgt Ion: 53 Resp: 104634
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 35.4 30.7 46.1



#16
Acetone
Concen: 209.521 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 43 Resp: 66168
Ion Ratio Lower Upper
43 100
58 43.2 24.4 36.6#

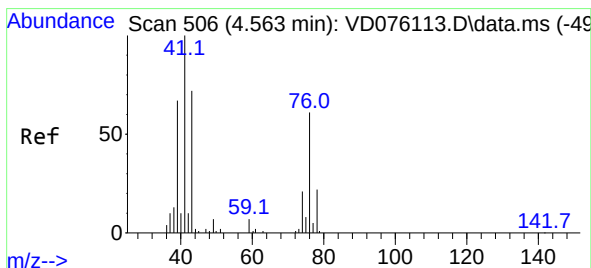
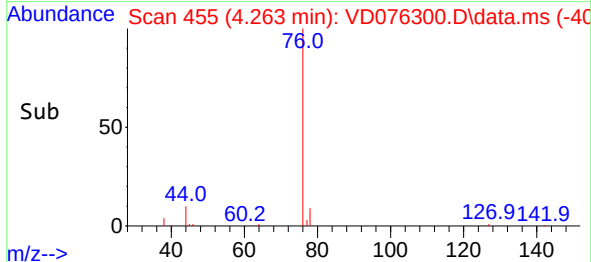
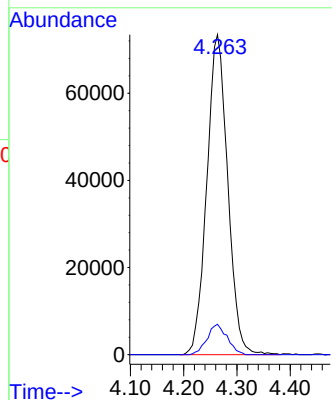
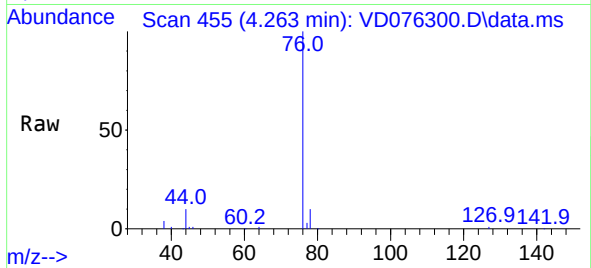




#17
Carbon Disulfide
Concen: 41.213 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

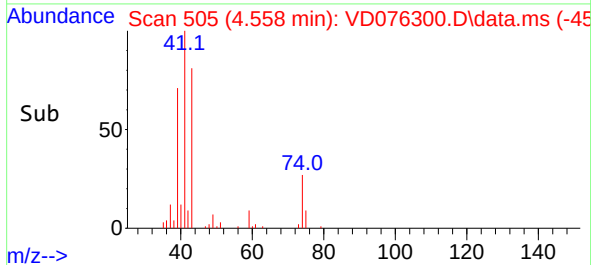
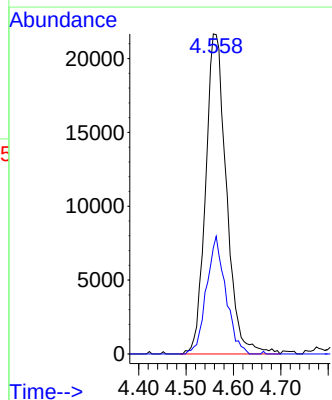
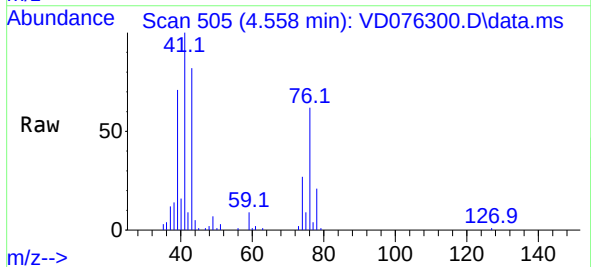
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

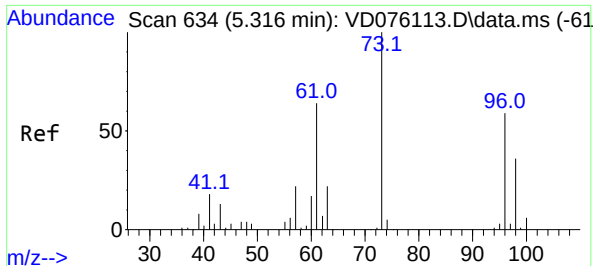
Tgt Ion: 76 Resp: 200354
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0



#18
Methyl Acetate
Concen: 58.834 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 43 Resp: 66278
Ion Ratio Lower Upper
43 100
74 34.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 56.262 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

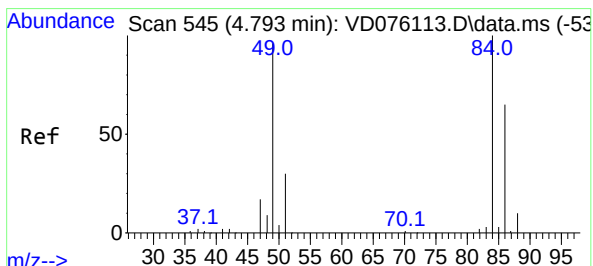
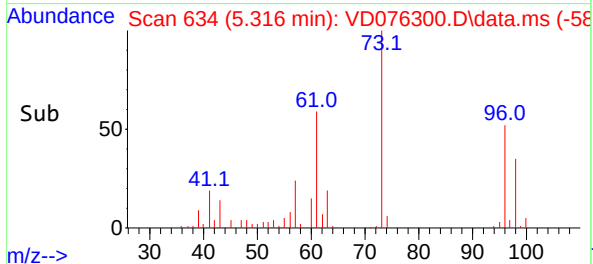
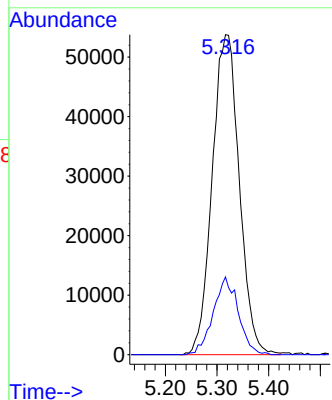
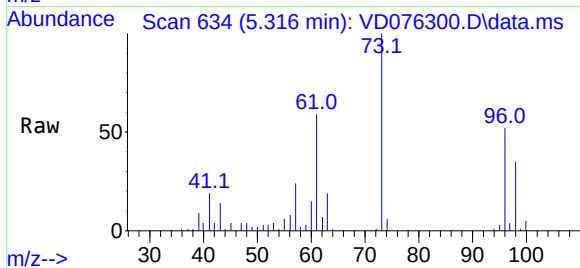
VSTDCCC050EC

Tgt Ion: 73 Resp: 195464

Ion Ratio Lower Upper

73 100

57 24.3 17.2 25.8



#20

Methylene Chloride

Concen: 45.851 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Tgt Ion: 84 Resp: 116702

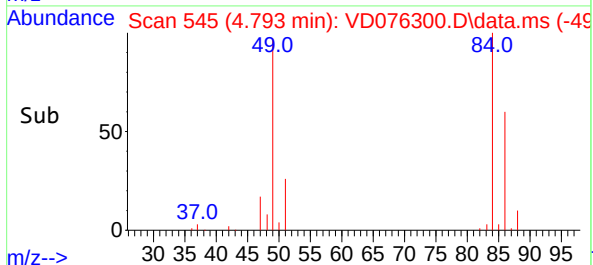
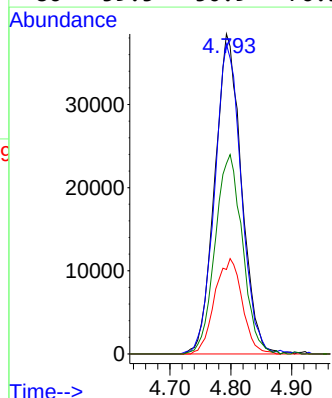
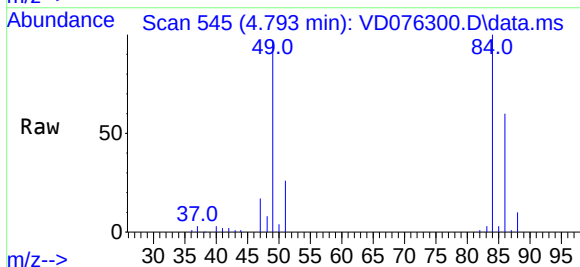
Ion Ratio Lower Upper

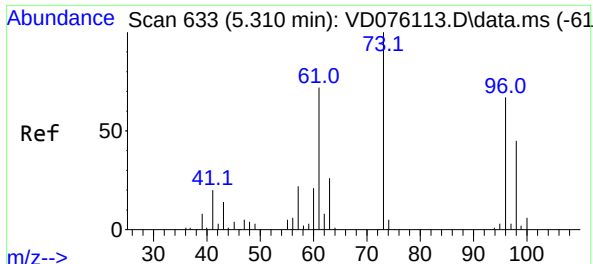
84 100

49 96.8 106.4 159.6#

51 26.4 32.4 48.6#

86 59.5 50.9 76.3

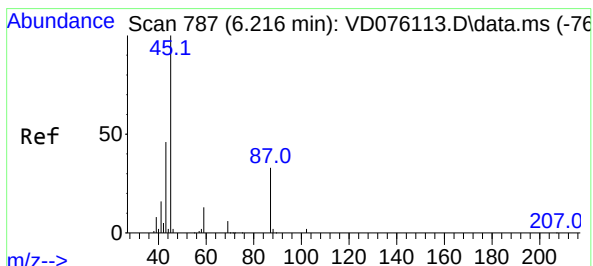
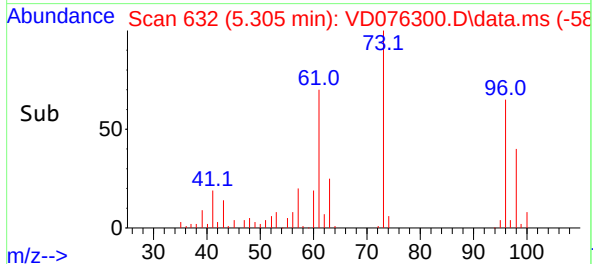
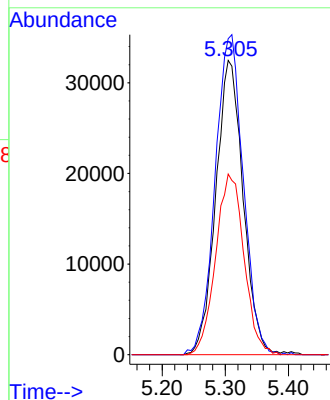
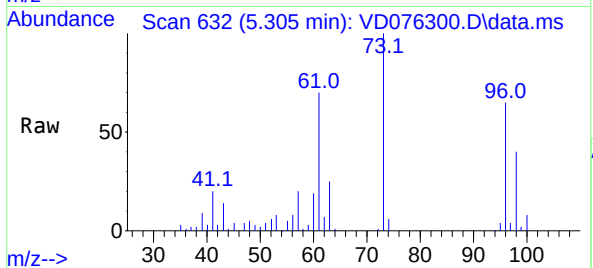




#21
trans-1,2-Dichloroethene
Concen: 47.713 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

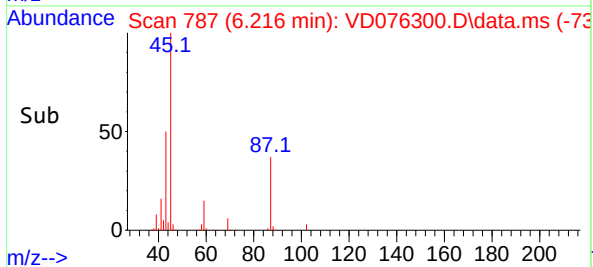
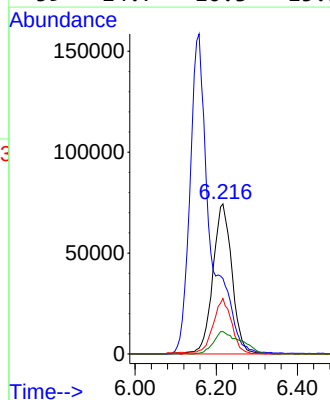
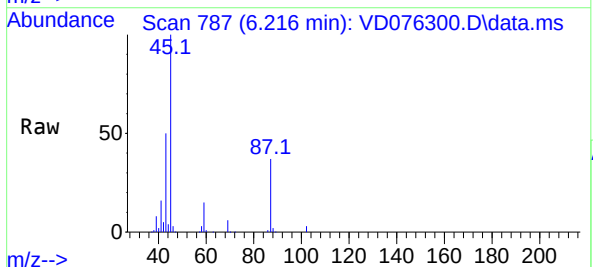
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

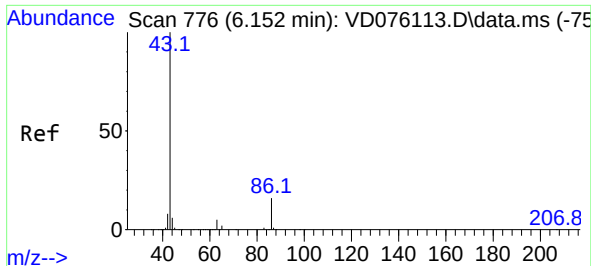
Tgt Ion: 96 Resp: 97607
Ion Ratio Lower Upper
96 100
61 107.4 117.2 175.8#
98 61.4 50.6 76.0



#22
Diisopropyl ether
Concen: 58.147 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 45 Resp: 243135
Ion Ratio Lower Upper
45 100
43 49.5 44.4 66.6
87 37.0 20.9 31.3#
59 14.7 10.3 15.5

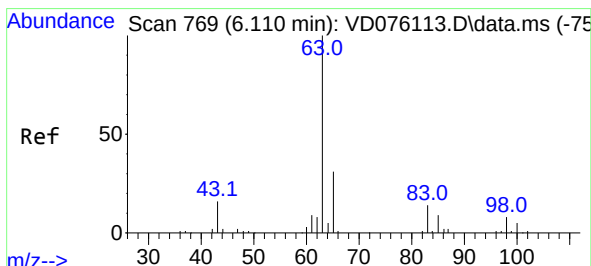
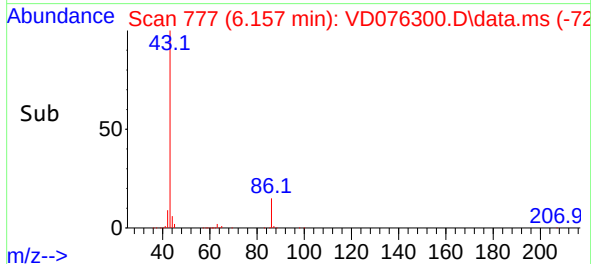
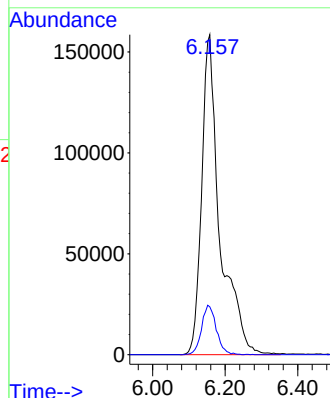
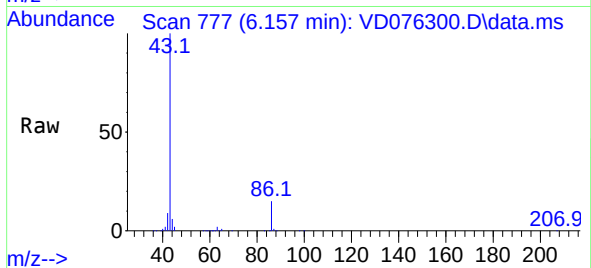




#23
 Vinyl Acetate
 Concen: 336.396 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

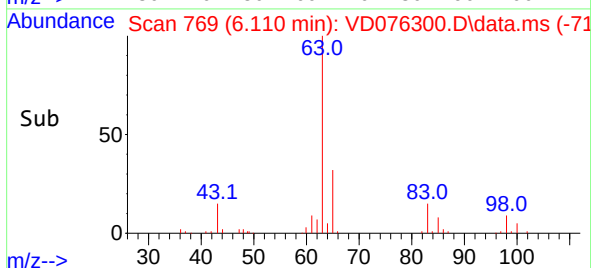
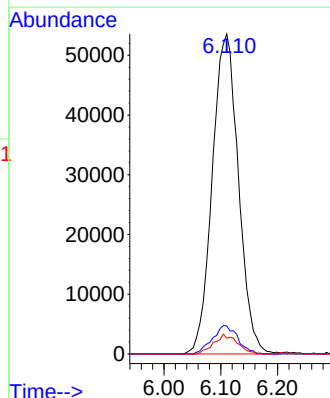
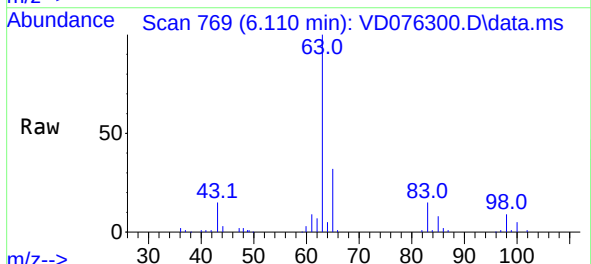
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

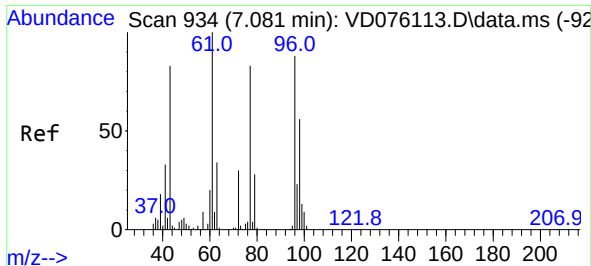
Tgt Ion: 43 Resp: 553066
 Ion Ratio Lower Upper
 43 100
 86 14.9 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 51.907 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

Tgt Ion: 63 Resp: 171170
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 4.9 2.0 6.0

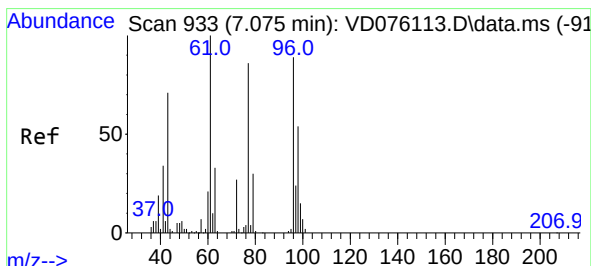
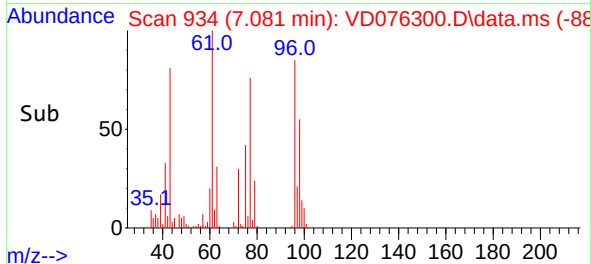
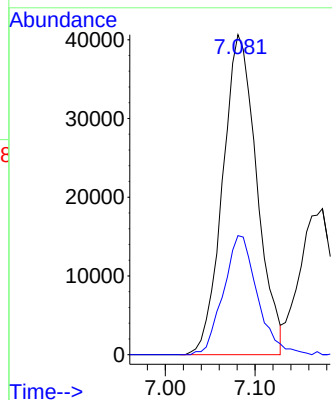
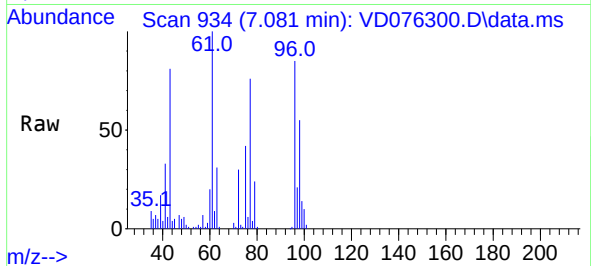




#25
2-Butanone
Concen: 271.255 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

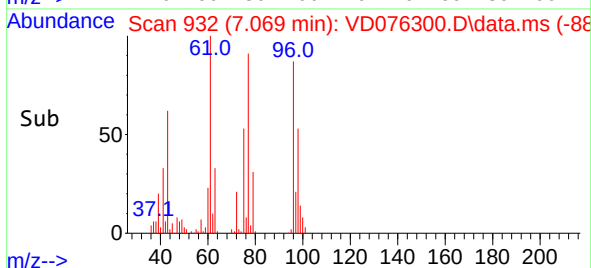
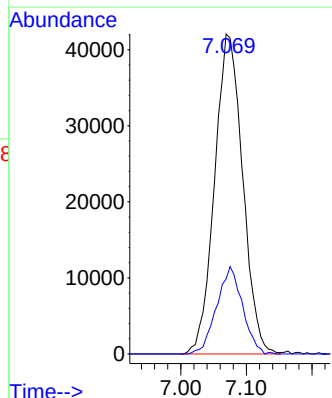
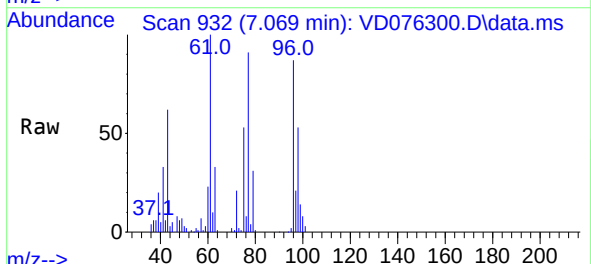
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

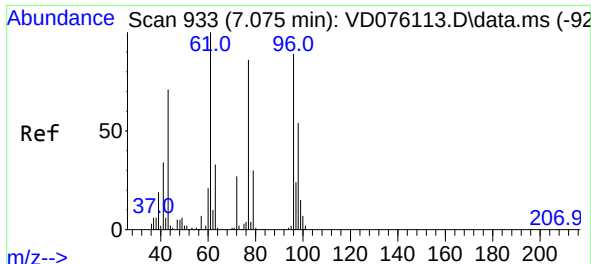
Tgt Ion: 43 Resp: 107711
Ion Ratio Lower Upper
43 100
72 37.2 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 46.489 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 77 Resp: 125004
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1



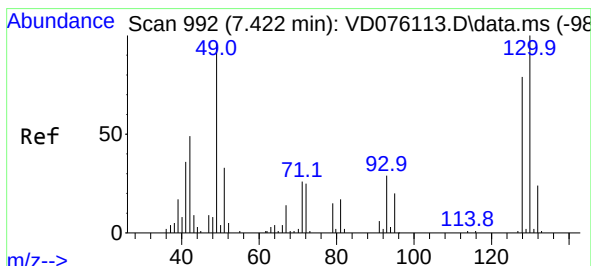
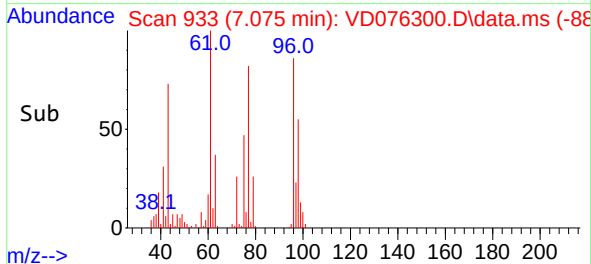
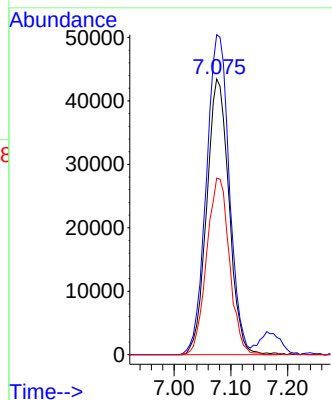
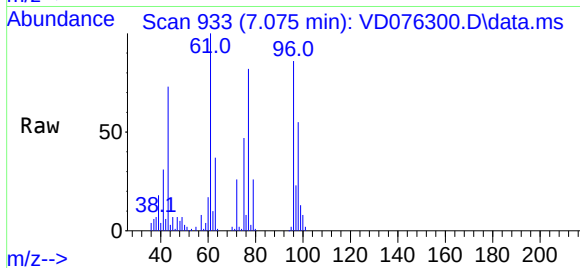


#27
 cis-1,2-Dichloroethene
 Concen: 52.196 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 118491

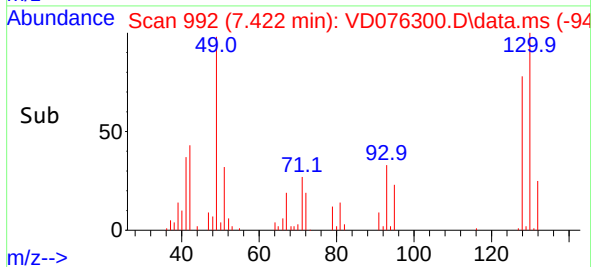
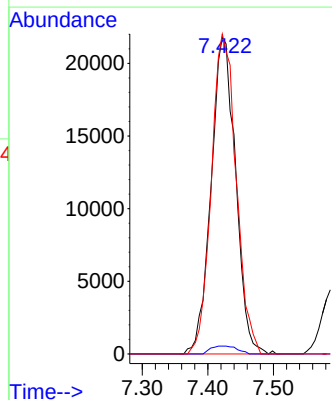
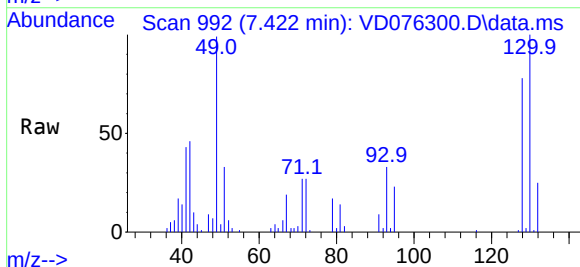
Ion	Ratio	Lower	Upper
96	100		
61	119.2	0.0	295.2
98	65.3	0.0	129.2

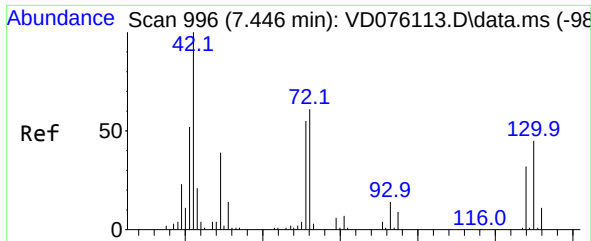


#28
 Bromochloromethane
 Concen: 51.339 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

Tgt Ion: 49 Resp: 56451

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.2#
130	102.2	56.0	84.0#





#29

Tetrahydrofuran

Concen: 302.332 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

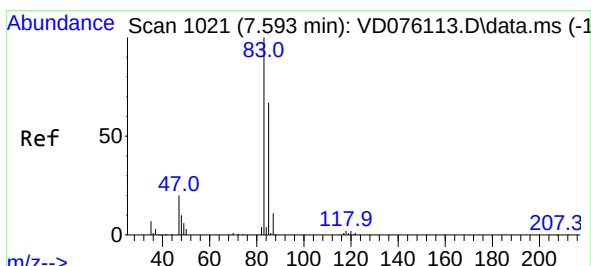
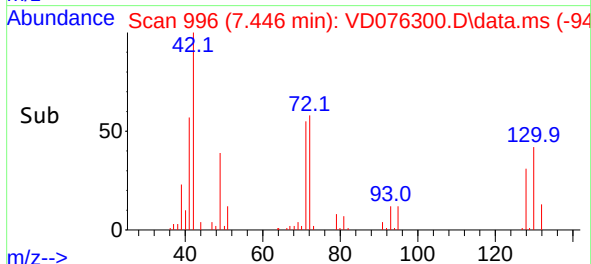
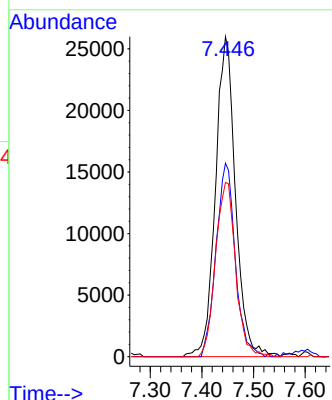
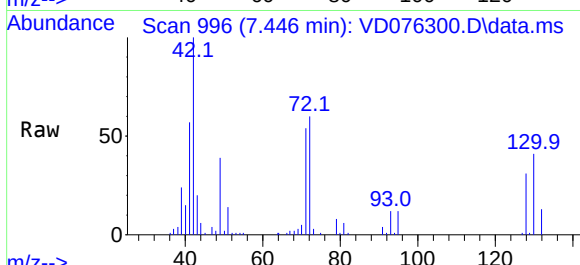
Tgt Ion: 42 Resp: 69973

Ion Ratio Lower Upper

42 100

72 58.0 31.8 47.6#

71 54.5 27.6 41.4#



#30

Chloroform

Concen: 54.083 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076300.D

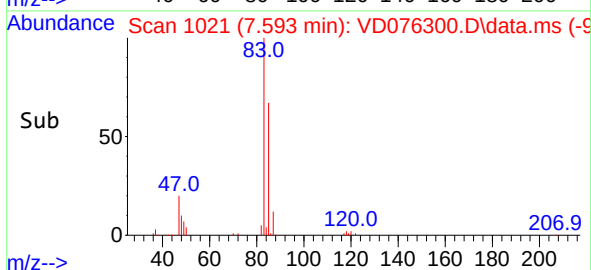
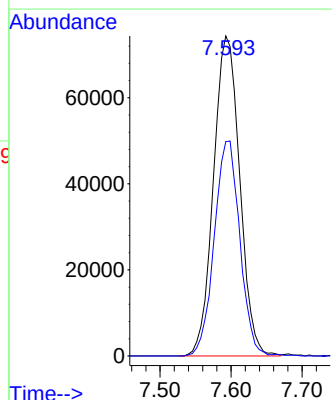
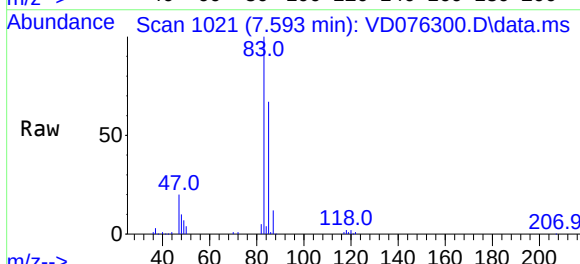
Acq: 31 May 2023 22:56

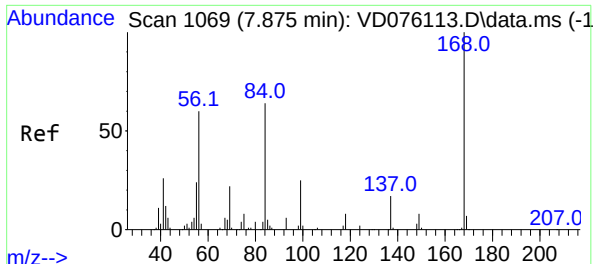
Tgt Ion: 83 Resp: 190724

Ion Ratio Lower Upper

83 100

85 67.0 49.4 74.2





#31

Cyclohexane

Concen: 42.882 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

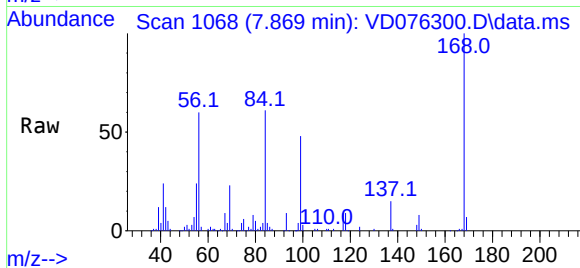
Tgt Ion: 56 Resp: 104244

Ion Ratio Lower Upper

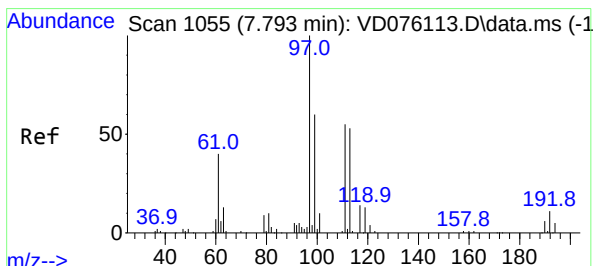
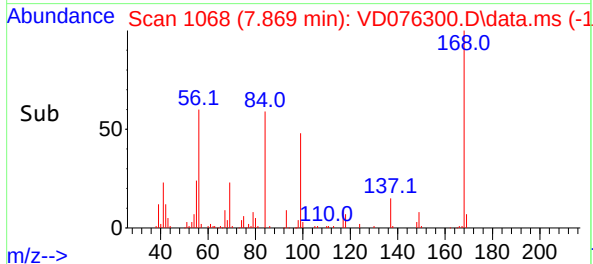
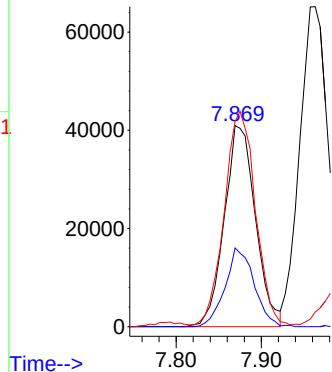
56 100

69 39.1 25.5 38.3#

84 100.2 69.6 104.4



Abundance



#32

1,1,1-Trichloroethane

Concen: 50.133 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

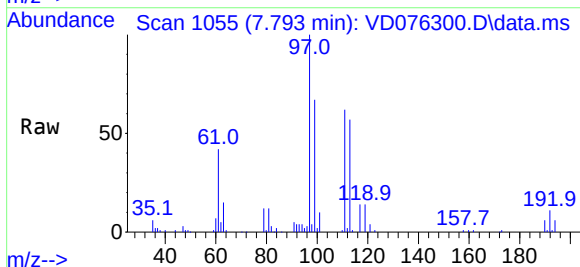
Tgt Ion: 97 Resp: 140891

Ion Ratio Lower Upper

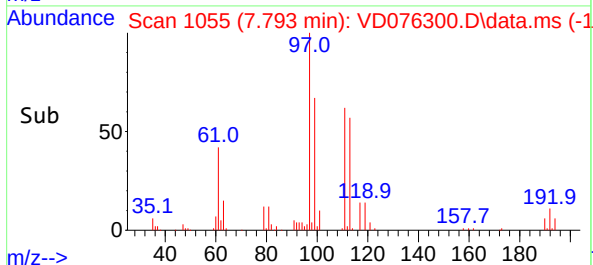
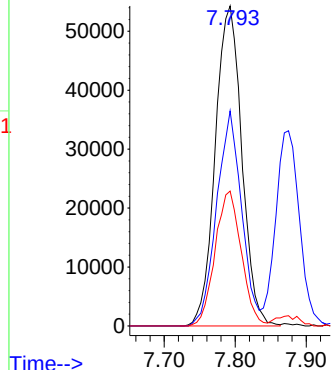
97 100

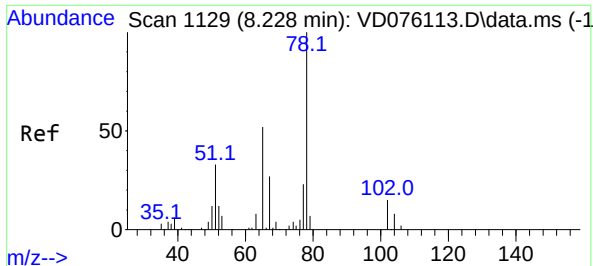
99 63.2 50.5 75.7

61 41.5 36.6 55.0



Abundance





#33

1,2-Dichloroethane-d4

Concen: 53.736 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

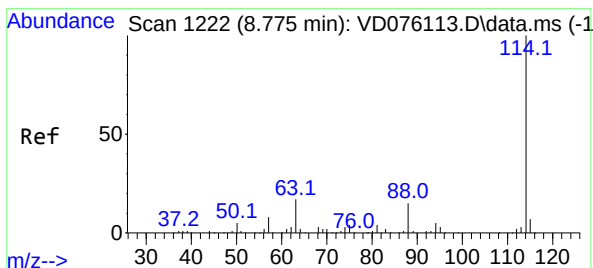
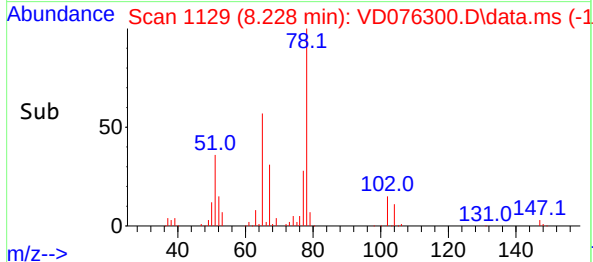
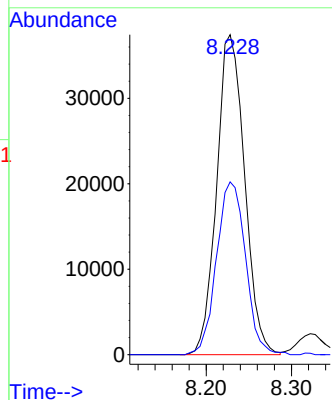
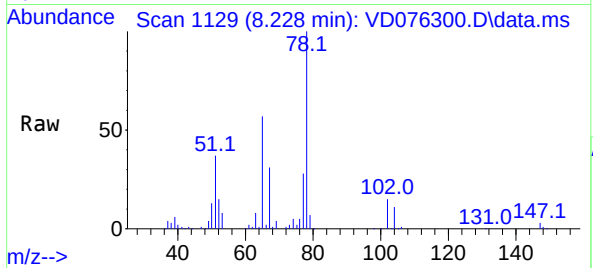
VSTDCCC050EC

Tgt Ion: 65 Resp: 85293

Ion Ratio Lower Upper

65 100

67 56.0 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: VD076300.D

Acq: 31 May 2023 22:56

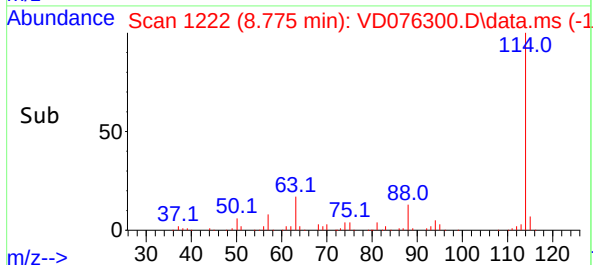
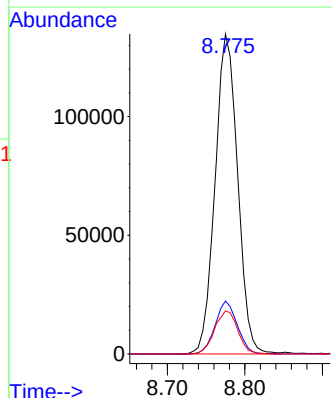
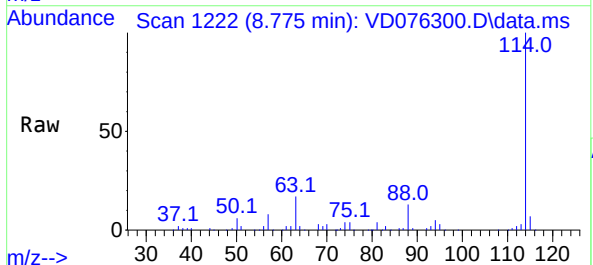
Tgt Ion: 114 Resp: 272468

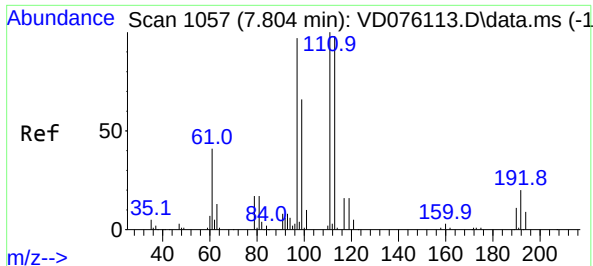
Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.5 0.0 30.6

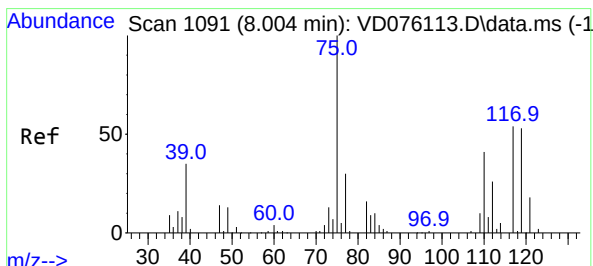
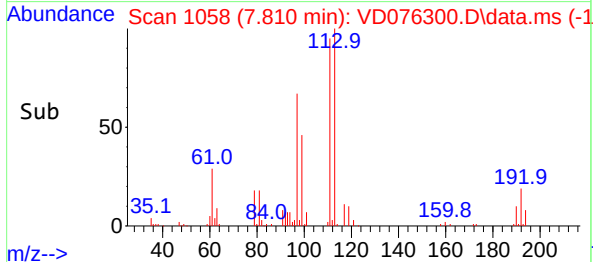
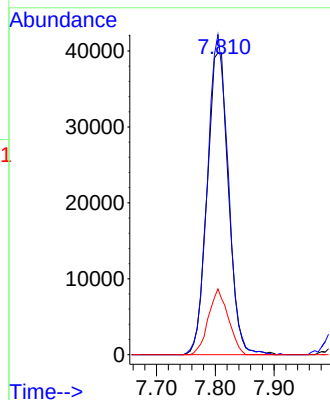
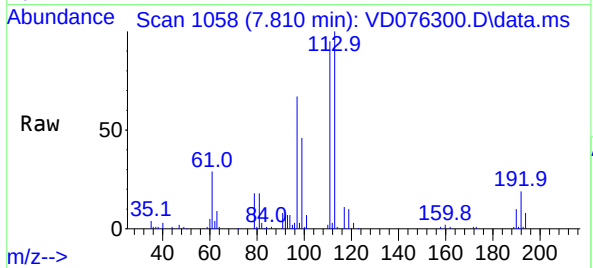




#35
Dibromofluoromethane
Concen: 53.614 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

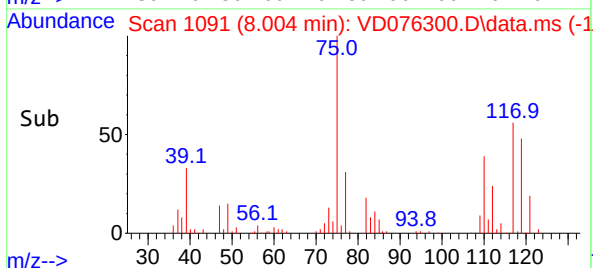
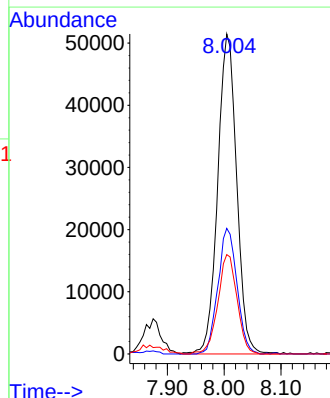
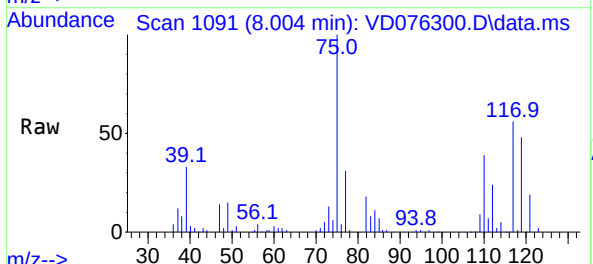
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

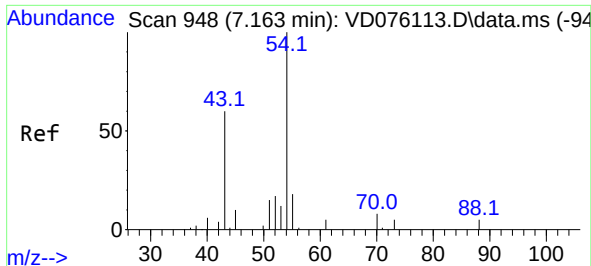
Tgt Ion:113 Resp: 100974
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 20.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 47.011 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 75 Resp: 119575
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 57.965 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

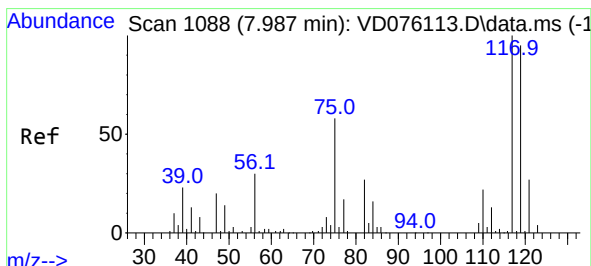
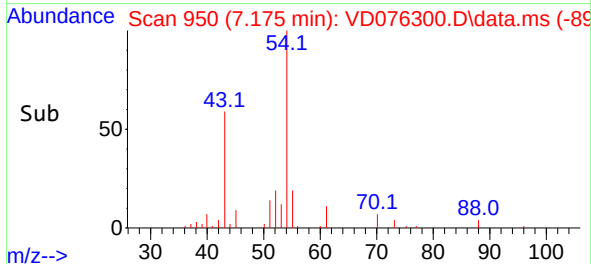
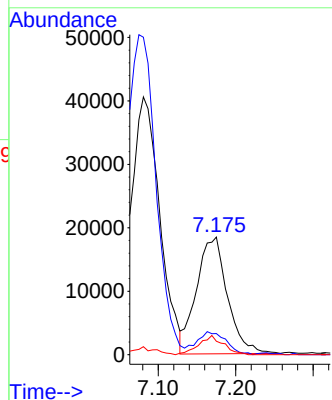
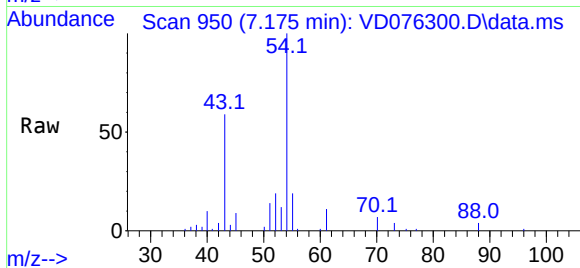
Tgt Ion: 43 Resp: 51055

Ion Ratio Lower Upper

43 100

61 18.6 0.0 0.0#

70 13.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 47.002 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

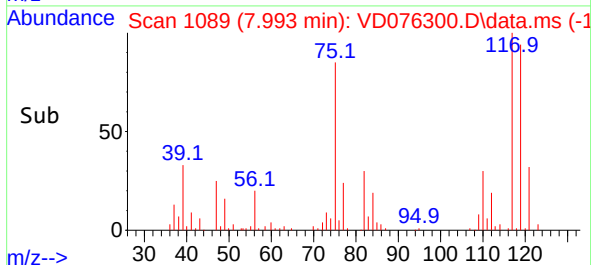
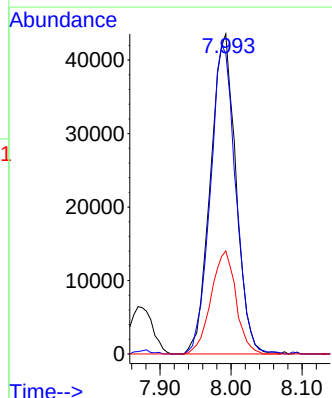
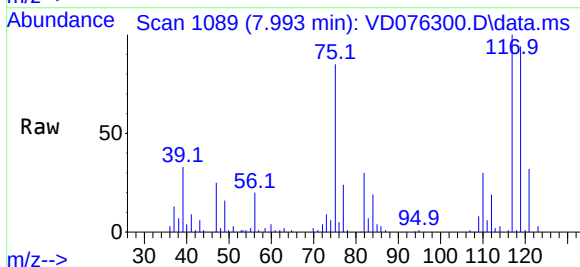
Tgt Ion: 117 Resp: 107988

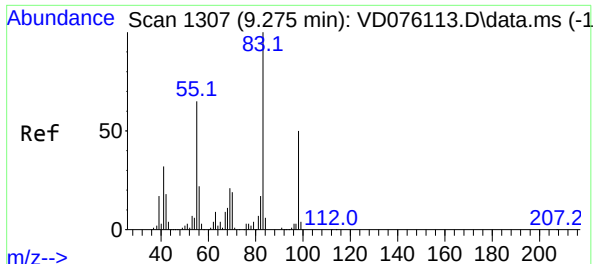
Ion Ratio Lower Upper

117 100

119 93.9 74.7 112.1

121 32.2 25.9 38.9



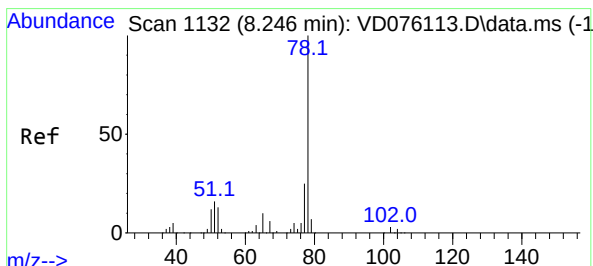
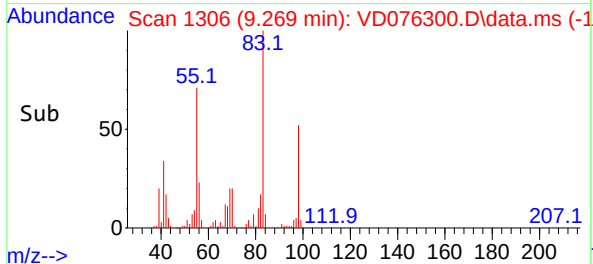
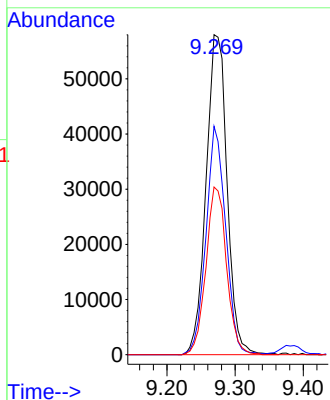
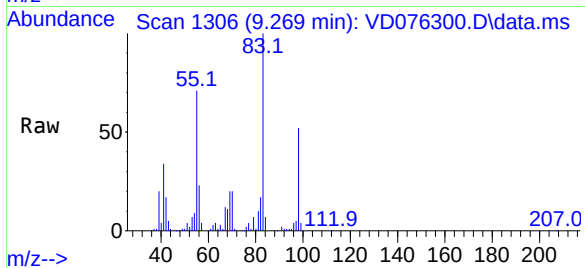


#39
Methylcyclohexane
Concen: 42.466 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 124359

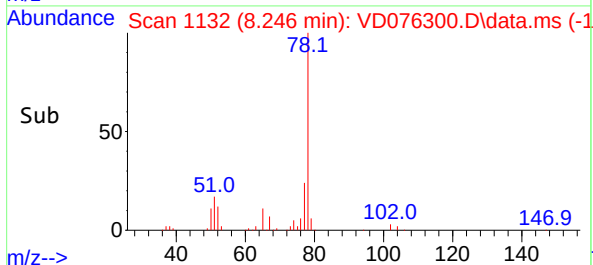
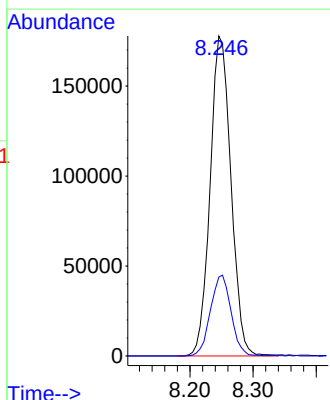
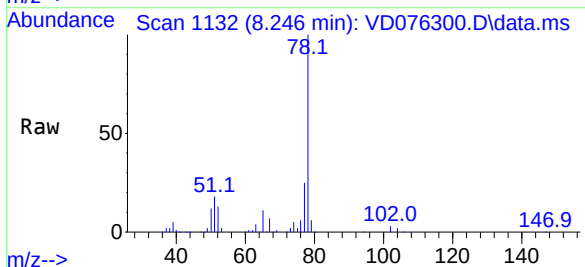
Ion	Ratio	Lower	Upper
83	100		
55	71.4	56.8	85.2
98	52.4	38.9	58.3

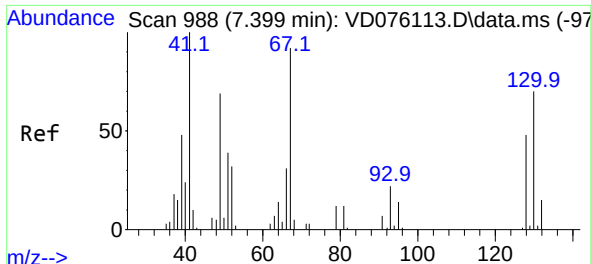


#40
Benzene
Concen: 49.850 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 78 Resp: 407654

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7

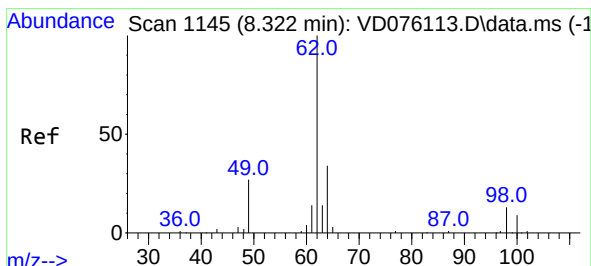
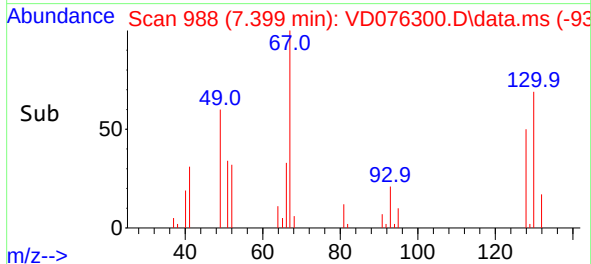
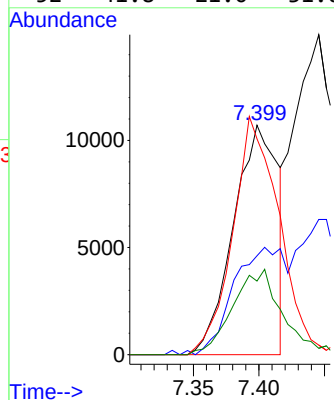
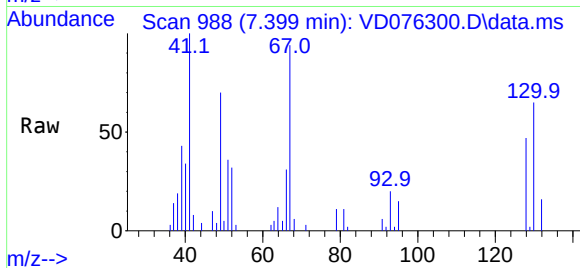




#41
Methacrylonitrile
Concen: 52.167 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

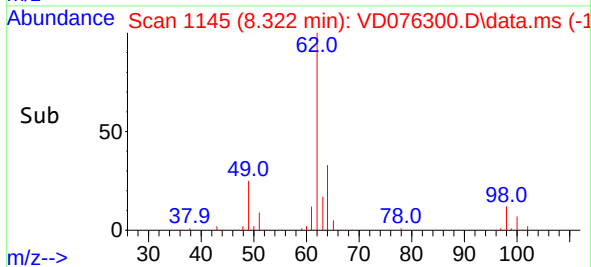
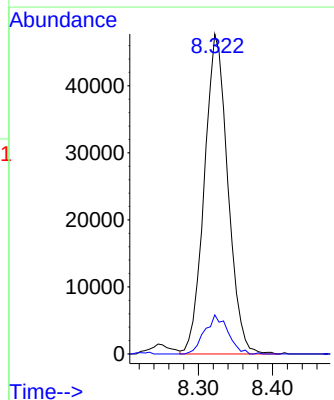
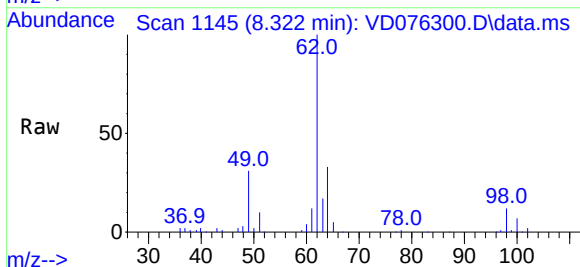
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

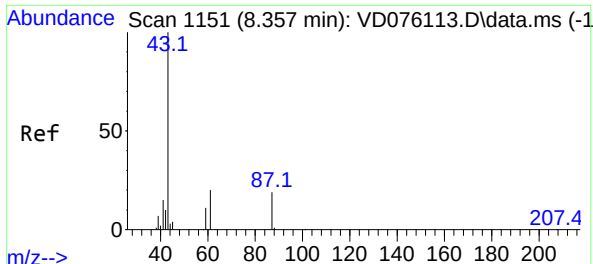
Tgt Ion: 41 Resp: 25194
Ion Ratio Lower Upper
41 100
39 55.1 45.3 67.9
67 109.1 50.5 75.7#
52 41.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 54.315 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 62 Resp: 105057
Ion Ratio Lower Upper
62 100
98 12.0 0.0 18.8

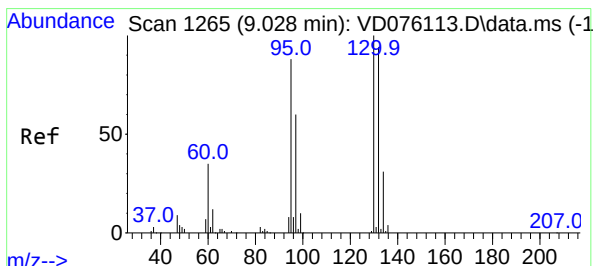
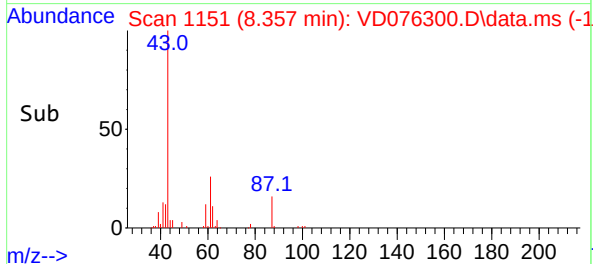
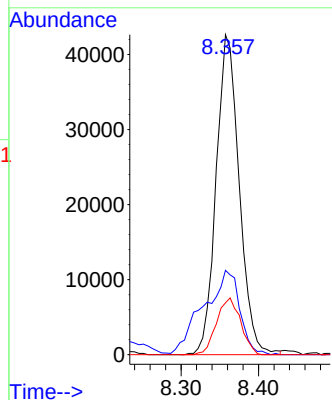
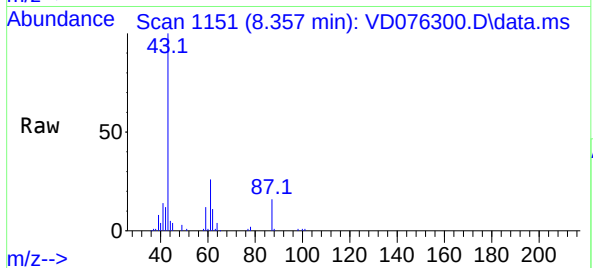




#43
Isopropyl Acetate
Concen: 53.722 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

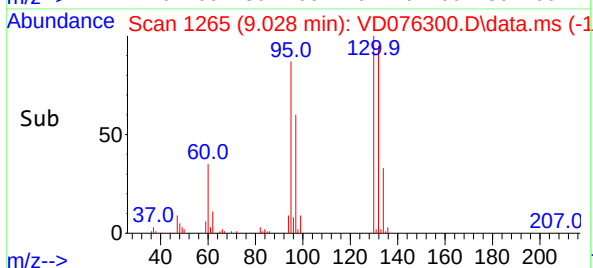
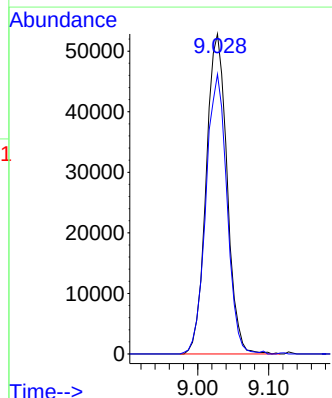
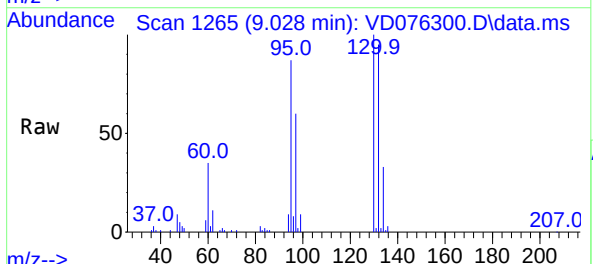
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

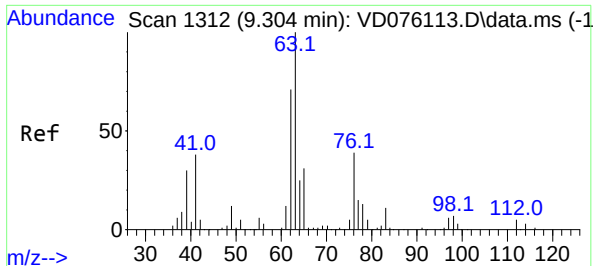
Tgt Ion: 43 Resp: 88390
Ion Ratio Lower Upper
43 100
61 41.1 23.4 35.0#
87 18.5 9.5 14.3#



#44
Trichloroethene
Concen: 46.760 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:130 Resp: 107764
Ion Ratio Lower Upper
130 100
95 87.4 0.0 197.6

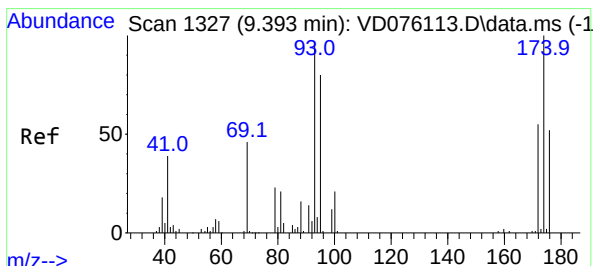
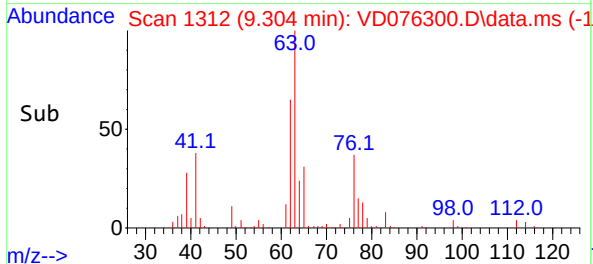
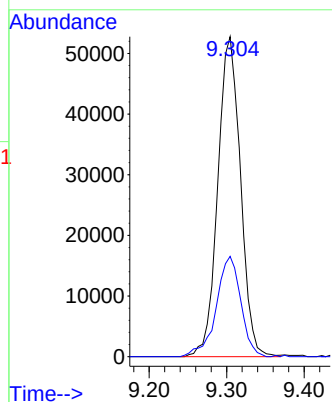
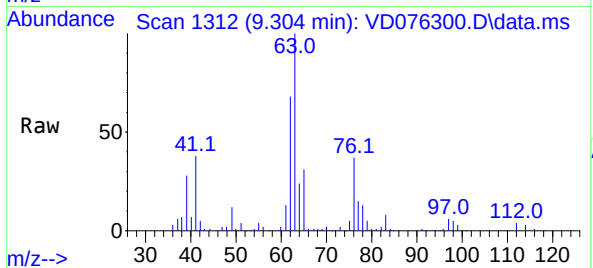




#45
1,2-Dichloropropane
Concen: 53.218 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

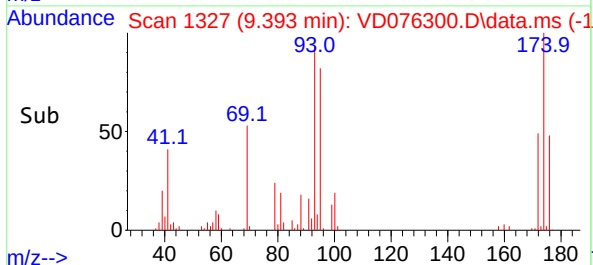
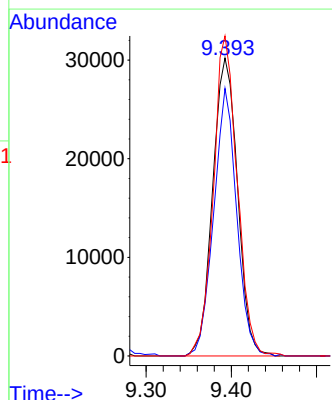
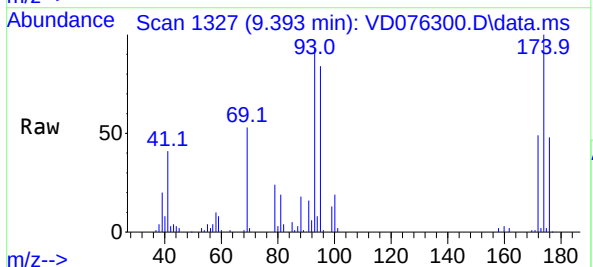
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

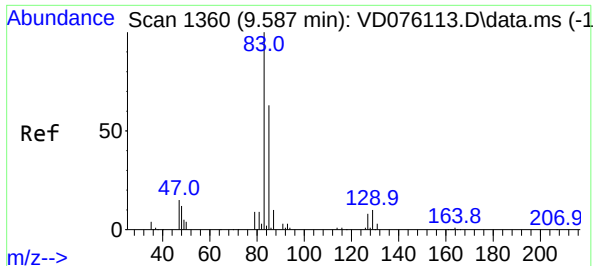
Tgt Ion: 63 Resp: 107346
Ion Ratio Lower Upper
63 100
65 31.4 23.0 34.4



#46
Dibromomethane
Concen: 54.223 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 93 Resp: 61306
Ion Ratio Lower Upper
93 100
95 83.2 64.5 96.7
174 103.2 76.2 114.4

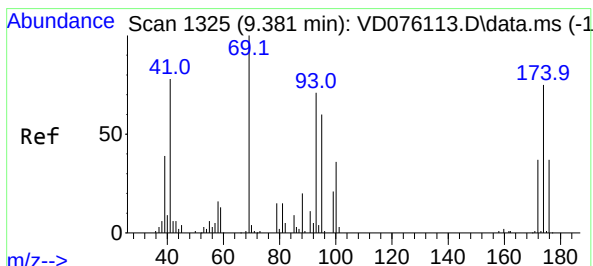
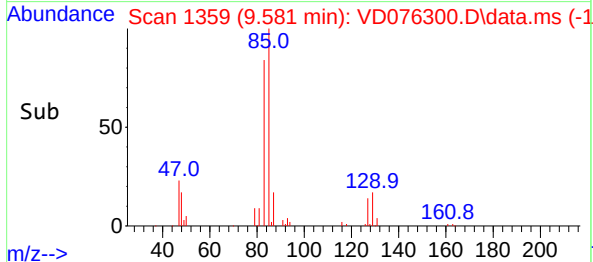
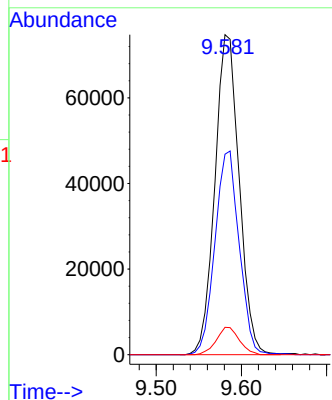
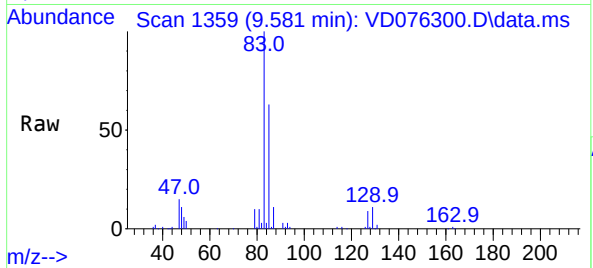




#47
Bromodichloromethane
Concen: 54.469 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

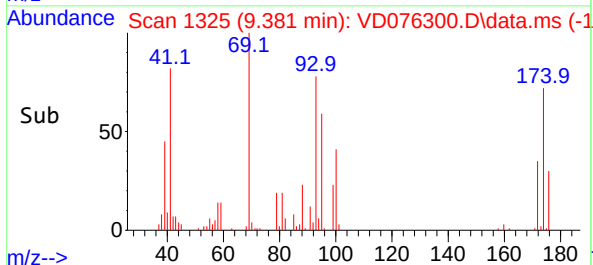
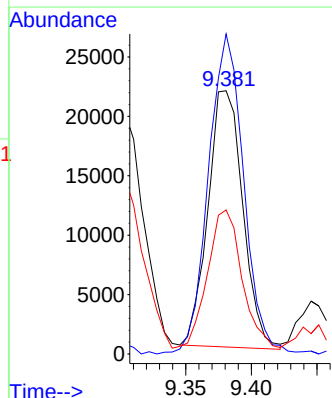
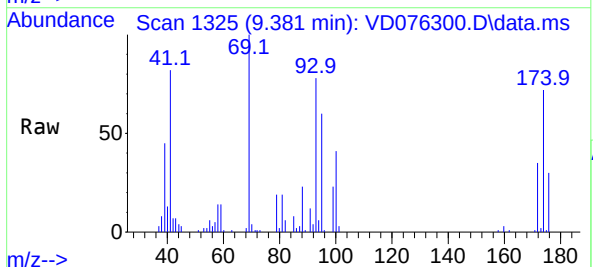
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

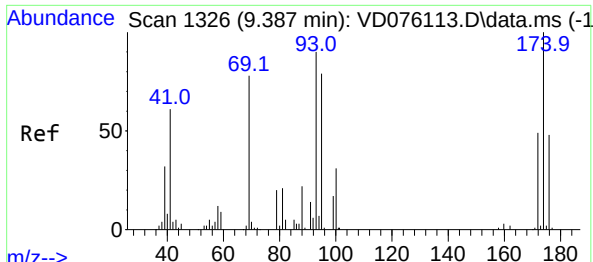
Tgt Ion: 83 Resp: 148008
Ion Ratio Lower Upper
83 100
85 62.6 53.7 80.5
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 54.773 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 41 Resp: 39886
Ion Ratio Lower Upper
41 100
69 126.4 58.6 88.0#
39 59.1 53.4 80.0

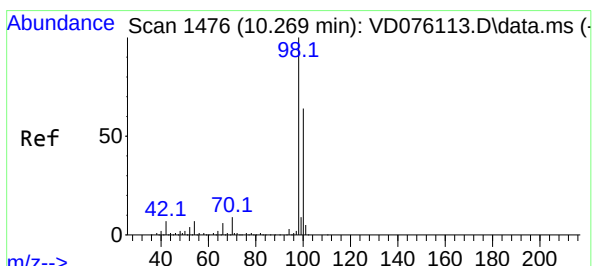
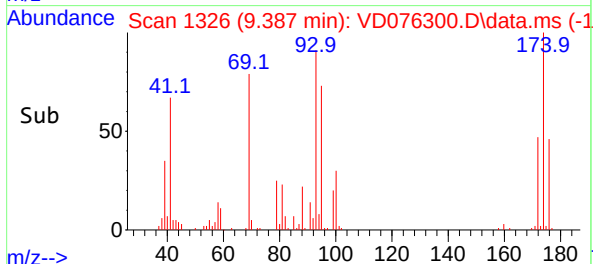
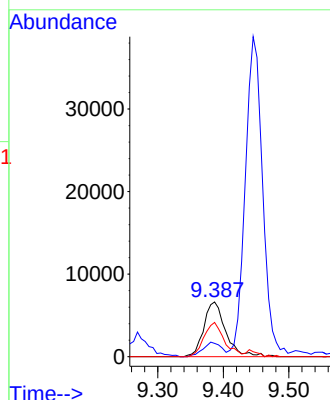
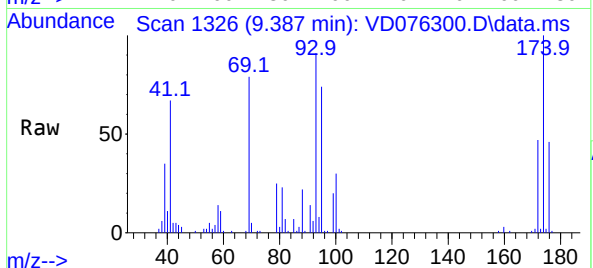




#49
1,4-Dioxane
Concen: 1271.825 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

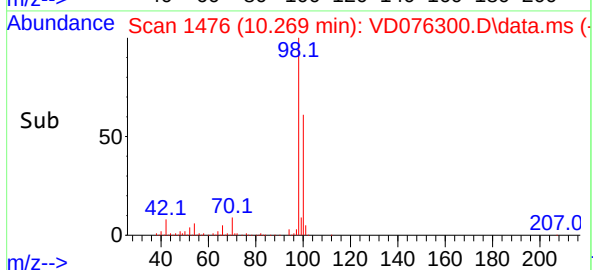
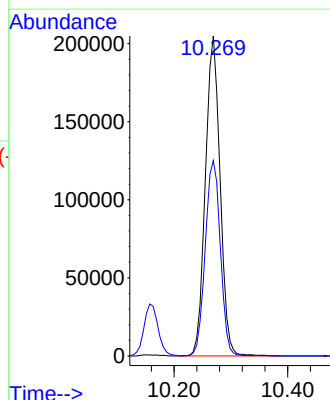
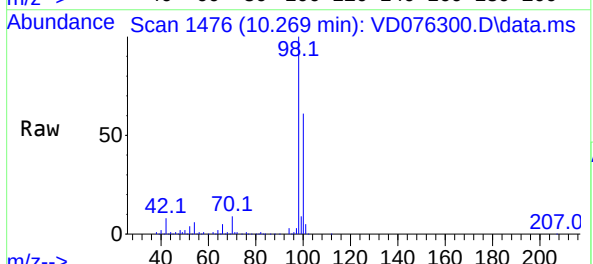
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

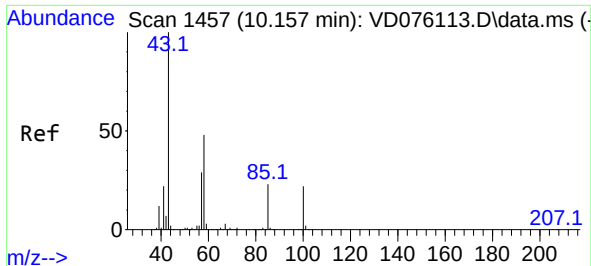
Tgt Ion: 88 Resp: 15377
Ion Ratio Lower Upper
88 100
43 22.3 34.6 51.8#
58 58.2 58.0 87.0



#50
Toluene-d8
Concen: 50.057 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 98 Resp: 367504
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1

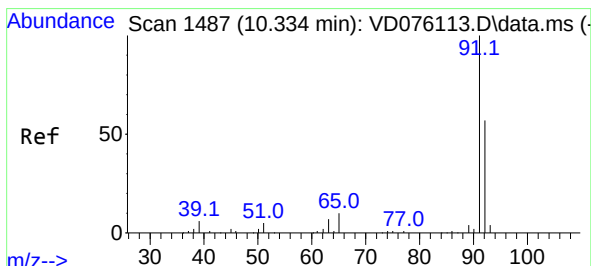
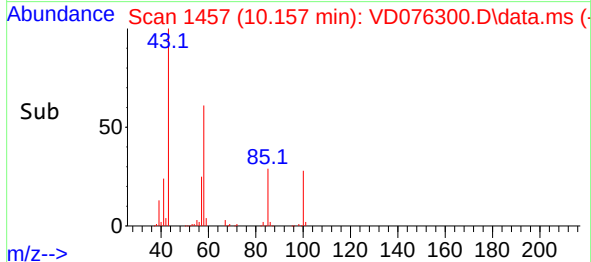
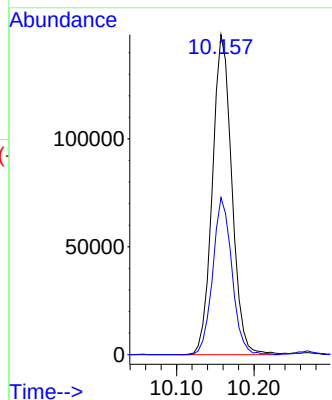
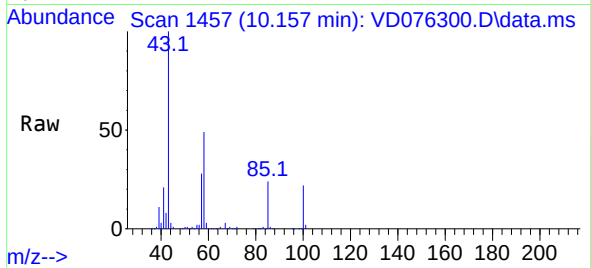




#51
4-Methyl-2-Pentanone
Concen: 295.857 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

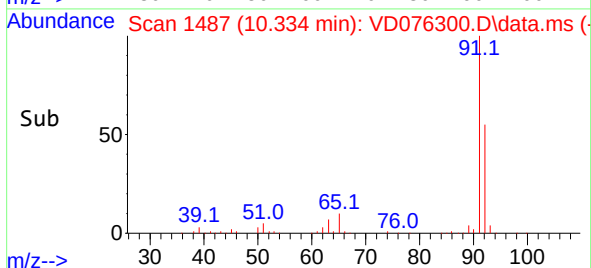
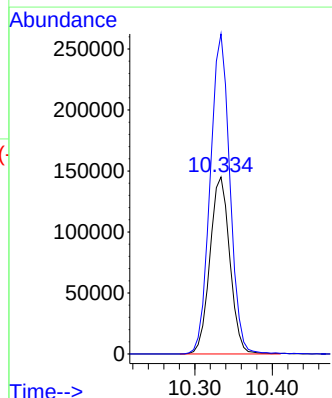
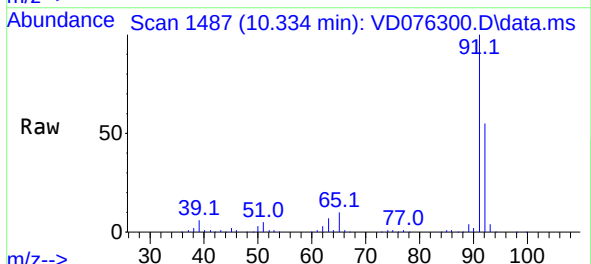
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

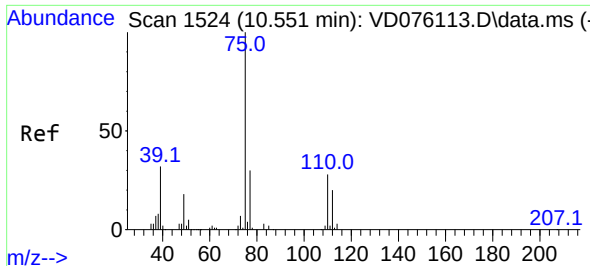
Tgt Ion: 43 Resp: 258894
Ion Ratio Lower Upper
43 100
58 48.3 29.5 44.3#



#52
Toluene
Concen: 50.578 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 92 Resp: 258324
Ion Ratio Lower Upper
92 100
91 179.1 136.5 204.7

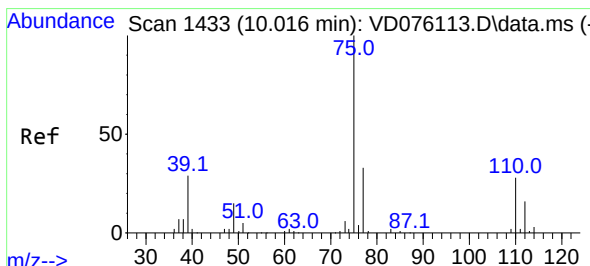
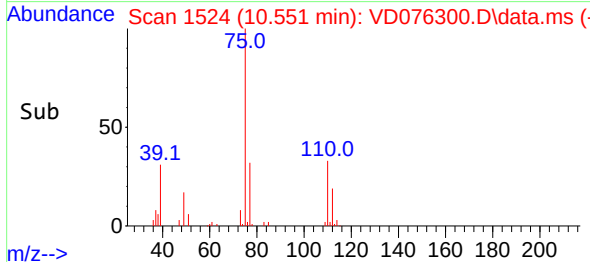
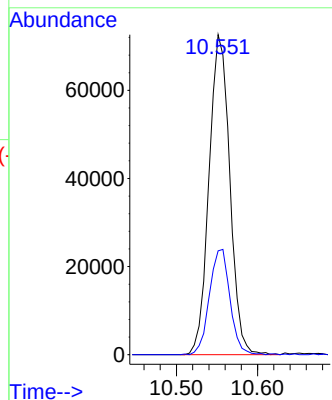
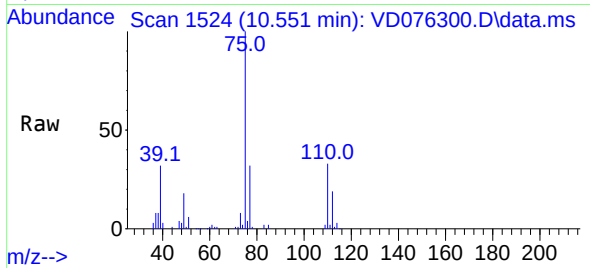




#53
 t-1,3-Dichloropropene
 Concen: 52.687 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

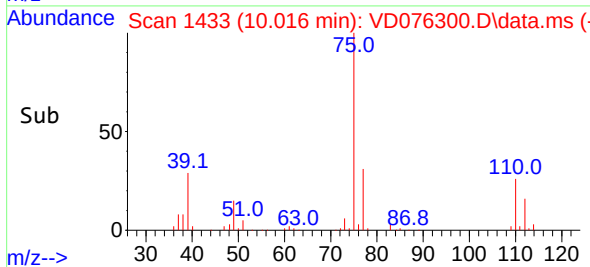
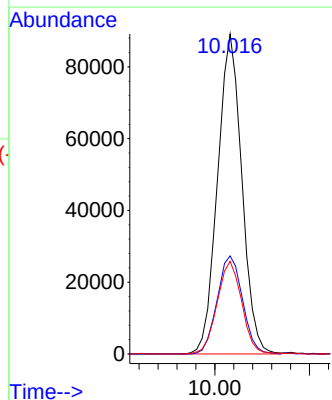
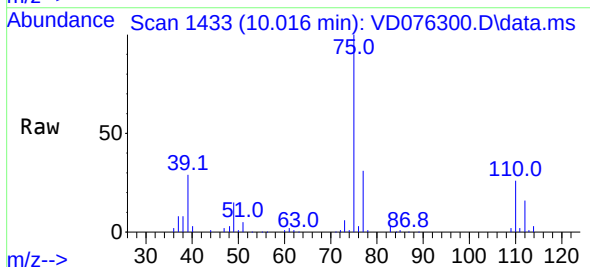
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

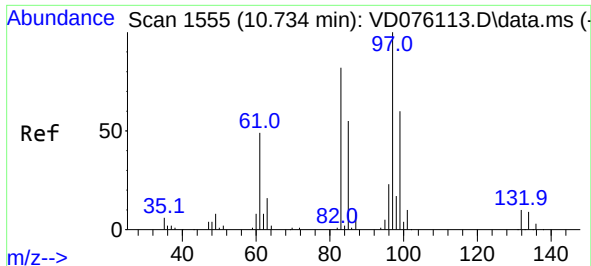
Tgt Ion: 75 Resp: 129034
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.142 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

Tgt Ion: 75 Resp: 158829
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 29.0 44.8 67.2#

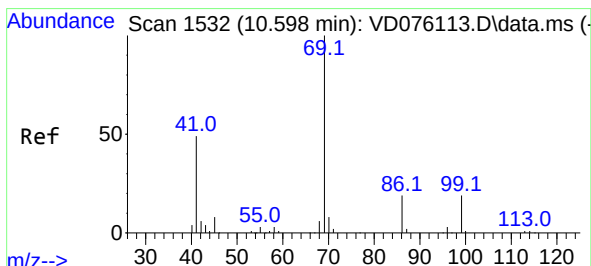
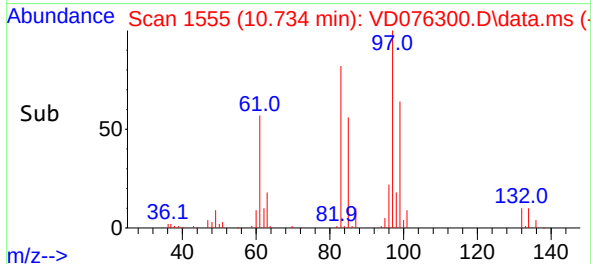
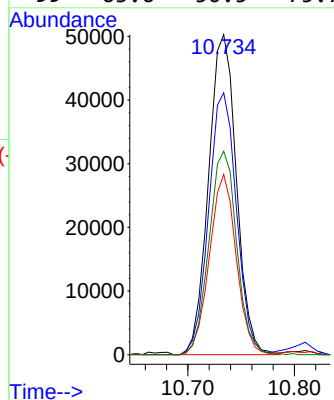
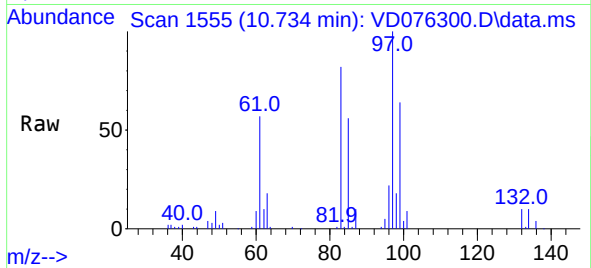




#55
1,1,2-Trichloroethane
Concen: 56.277 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

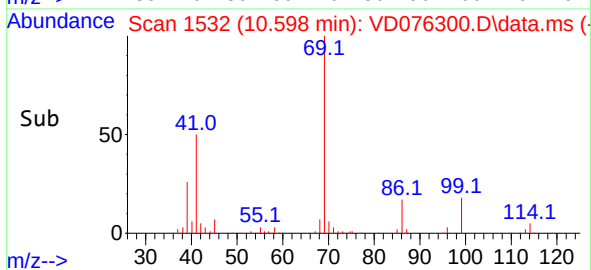
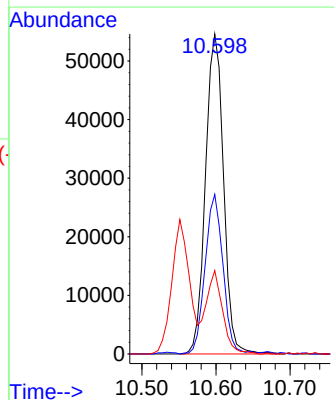
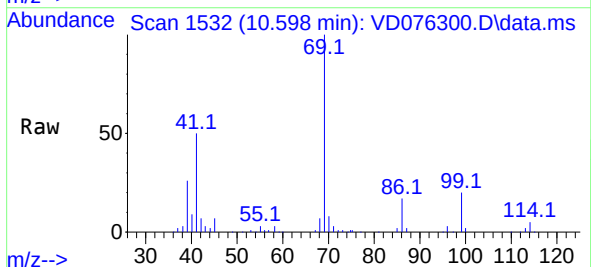
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

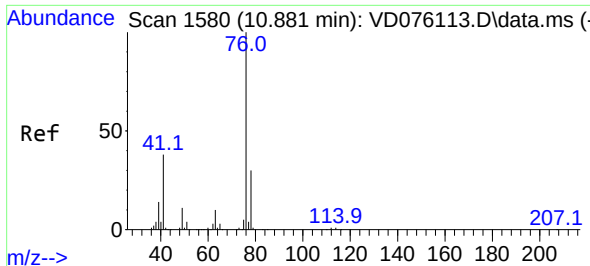
Tgt Ion:	97	Resp:	91246
Ion	Ratio	Lower	Upper
97	100		
83	81.8	74.2	111.4
85	56.4	45.4	68.0
99	63.6	50.5	75.7



#56
Ethyl methacrylate
Concen: 56.729 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:	69	Resp:	92451
Ion	Ratio	Lower	Upper
69	100		
41	49.6	59.3	88.9#
39	24.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 55.900 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

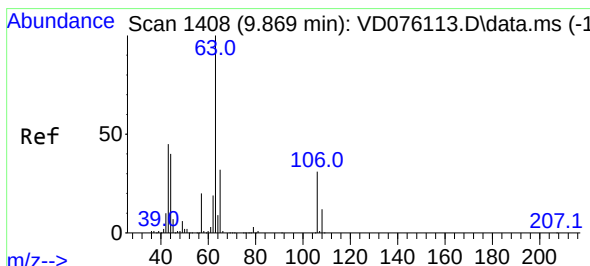
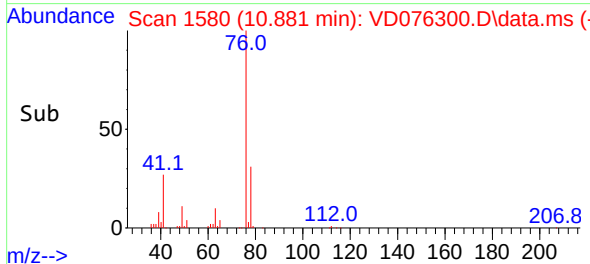
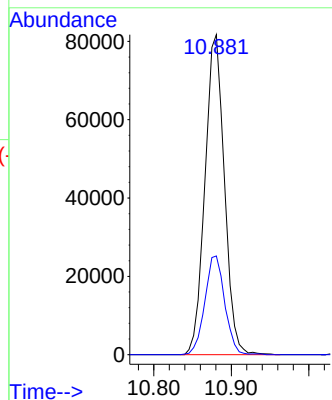
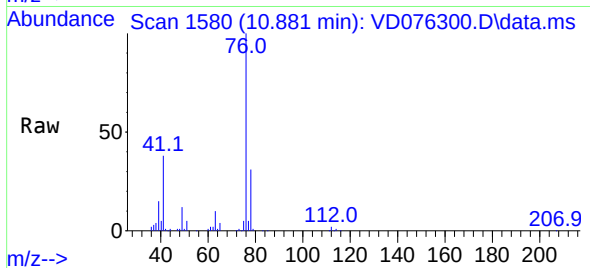
VSTDCCC050EC

Tgt Ion: 76 Resp: 142194

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.566 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076300.D

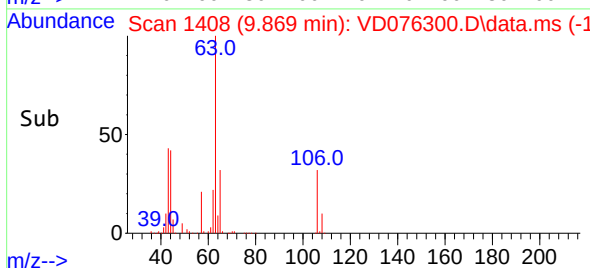
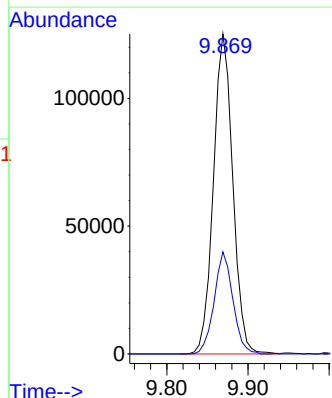
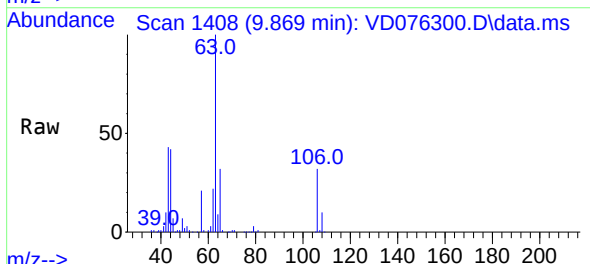
Acq: 31 May 2023 22:56

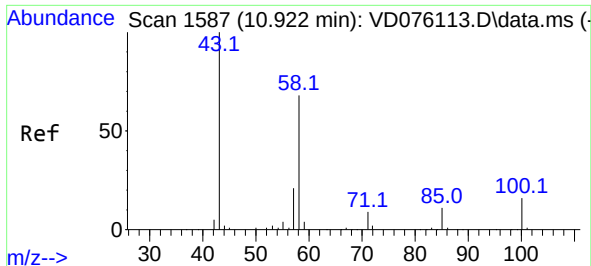
Tgt Ion: 63 Resp: 207655

Ion Ratio Lower Upper

63 100

106 30.8 21.4 32.2

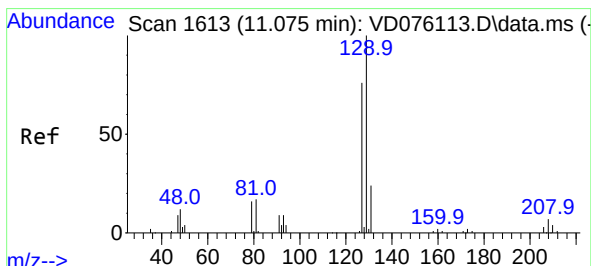
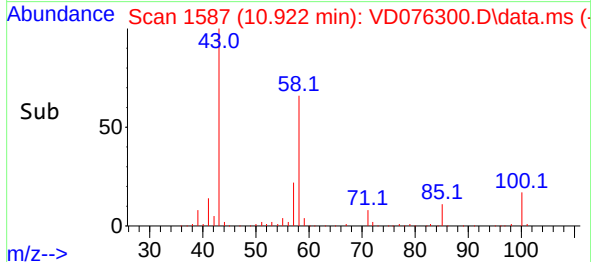
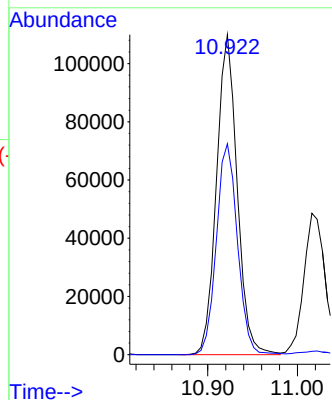
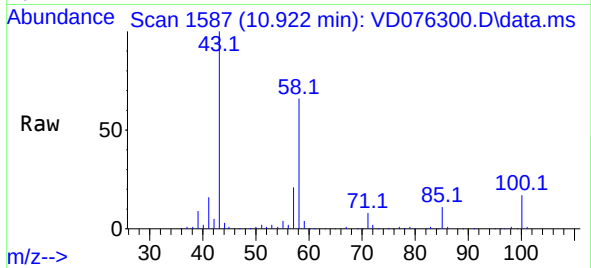




#59
2-Hexanone
Concen: 284.656 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

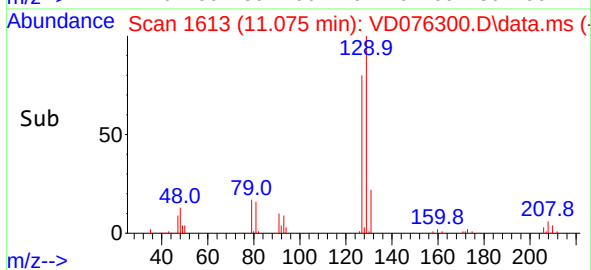
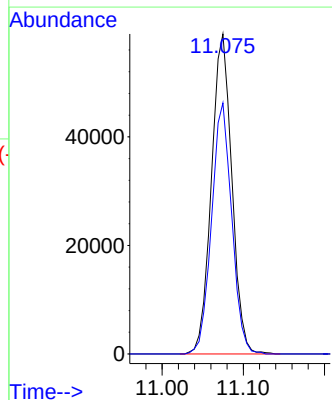
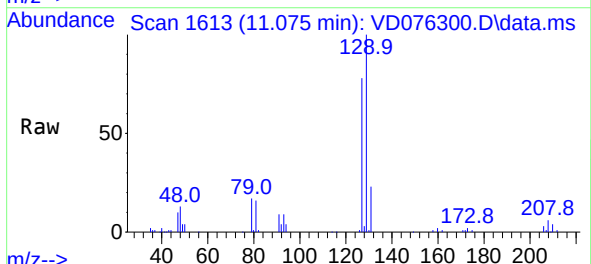
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

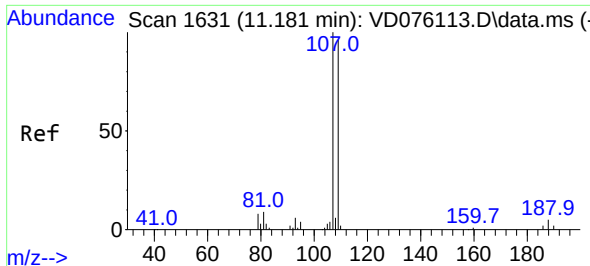
Tgt Ion: 43 Resp: 175667
Ion Ratio Lower Upper
43 100
58 67.3 25.3 75.8



#60
Dibromochloromethane
Concen: 56.466 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:129 Resp: 102941
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

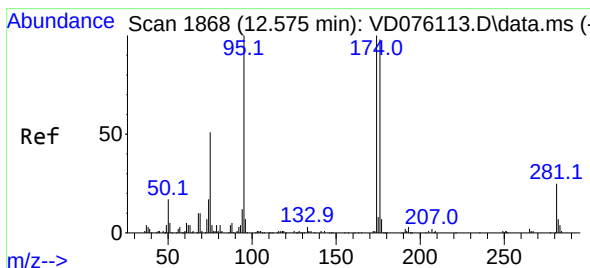
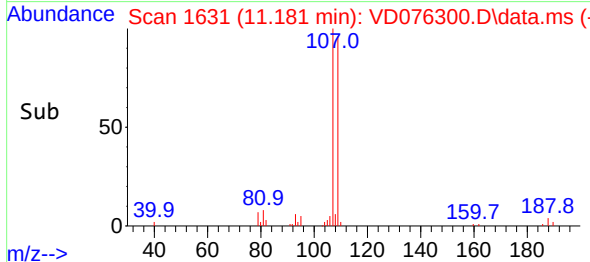
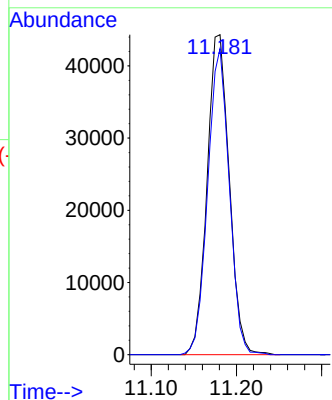
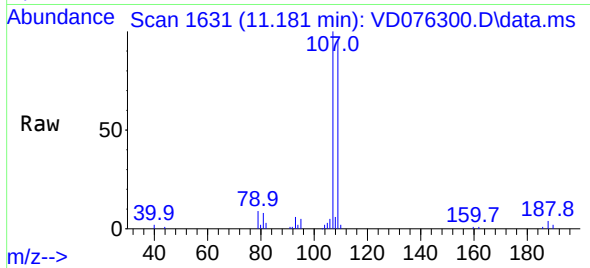




#61
1,2-Dibromoethane
Concen: 55.558 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

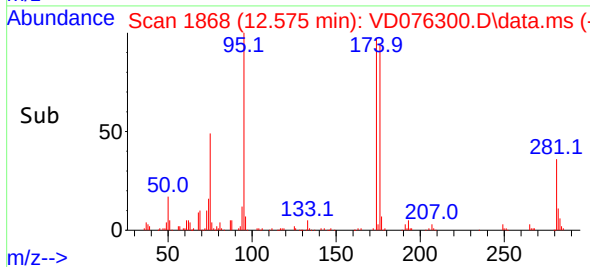
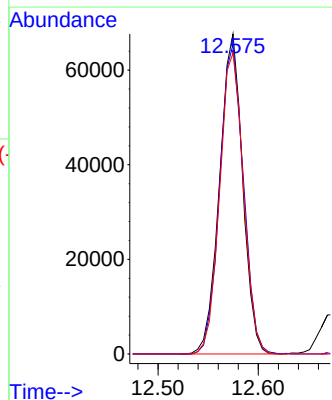
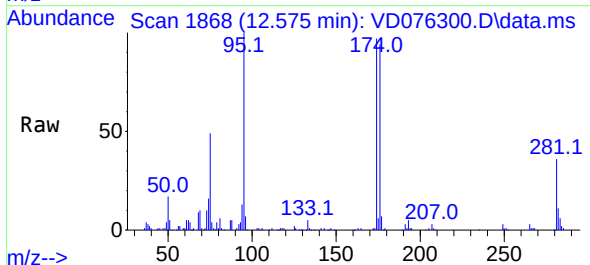
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

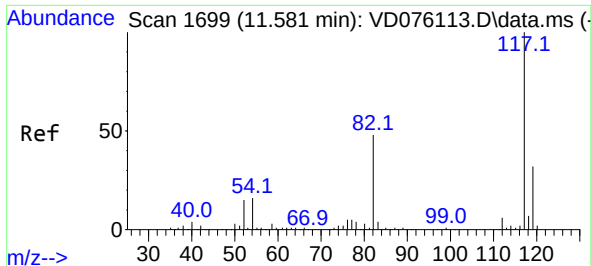
Tgt Ion:107 Resp: 80131
Ion Ratio Lower Upper
107 100
109 92.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 52.817 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 95 Resp: 107717
Ion Ratio Lower Upper
95 100
174 99.1 0.0 164.0
176 96.8 0.0 156.8

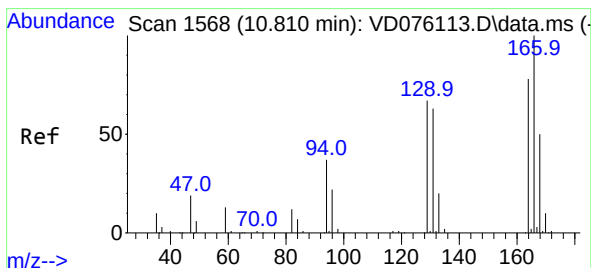
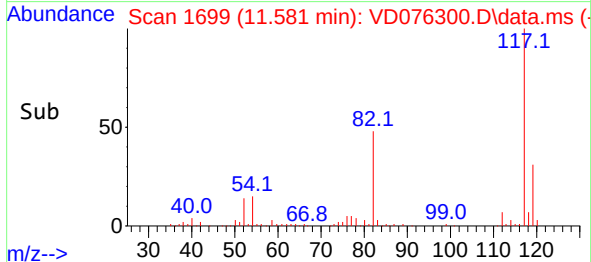
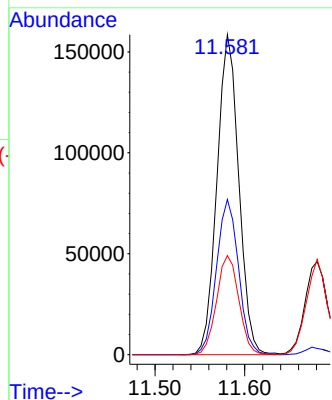
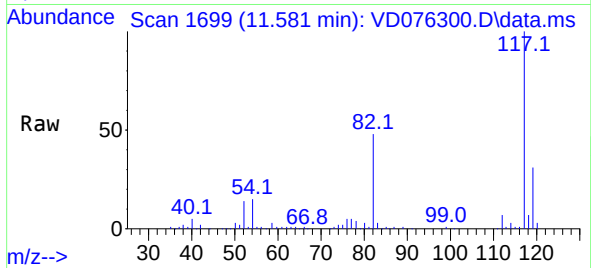




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

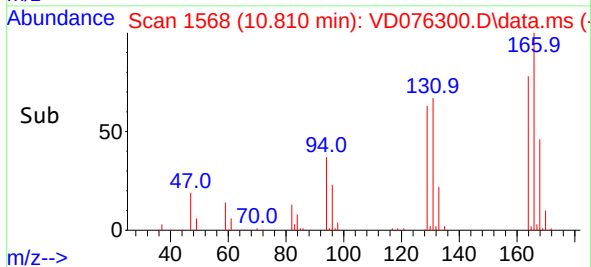
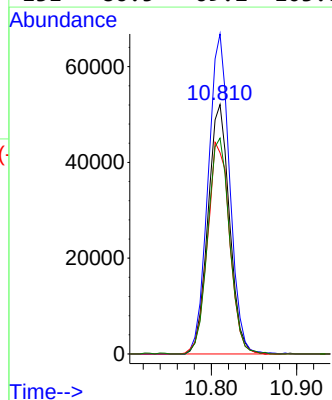
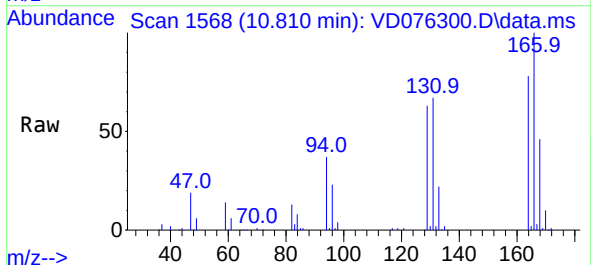
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

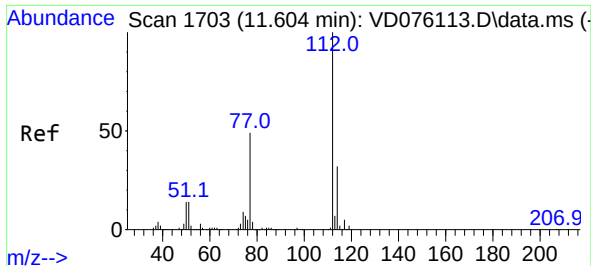
Tgt Ion:117 Resp: 267904
Ion Ratio Lower Upper
117 100
82 48.5 44.0 66.0
119 31.0 25.1 37.7



#64
Tetrachloroethene
Concen: 44.354 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:164 Resp: 91374
Ion Ratio Lower Upper
164 100
166 128.3 94.9 142.3
129 80.7 73.0 109.6
131 86.5 69.2 103.8

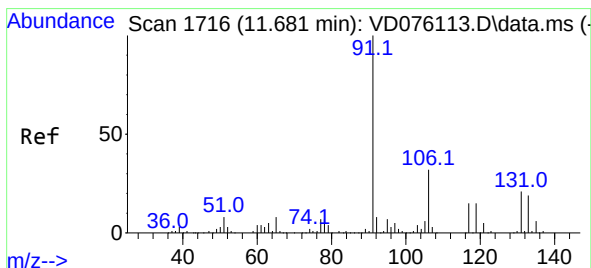
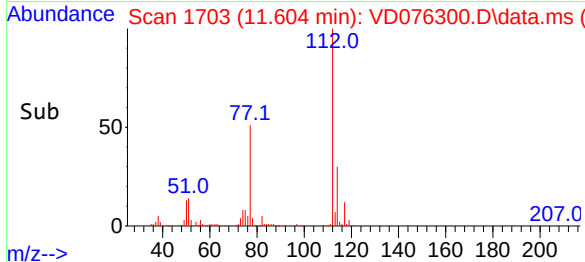
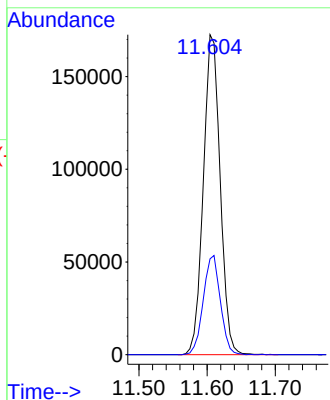
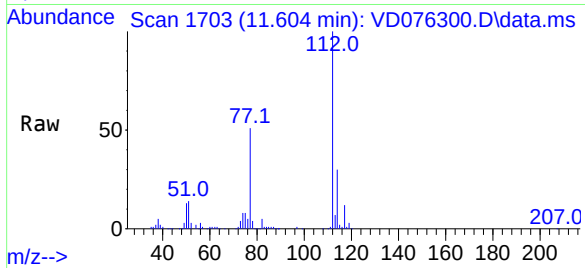




#65
Chlorobenzene
Concen: 48.623 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

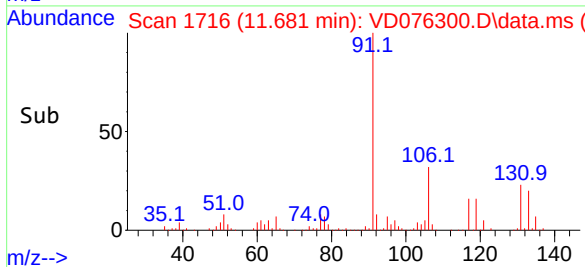
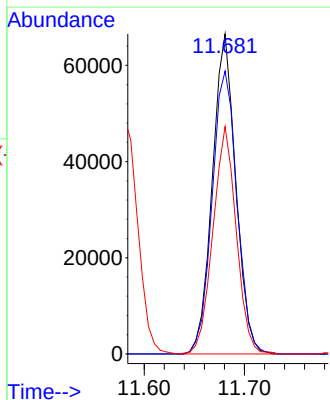
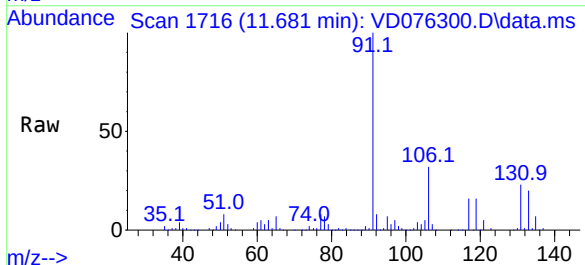
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

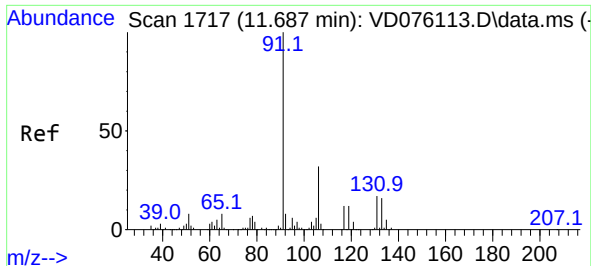
Tgt Ion:112 Resp: 296553
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.485 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:131 Resp: 108061
Ion Ratio Lower Upper
131 100
133 93.9 46.7 140.0
119 70.6 31.9 95.9





#67

Ethyl Benzene

Concen: 48.793 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

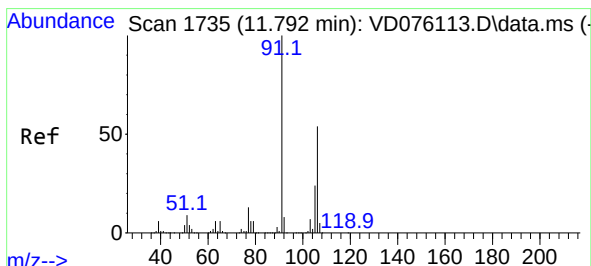
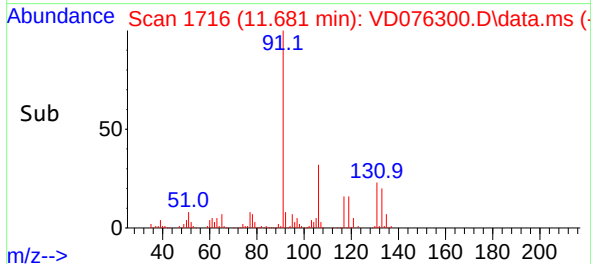
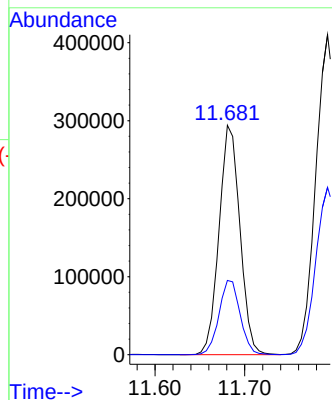
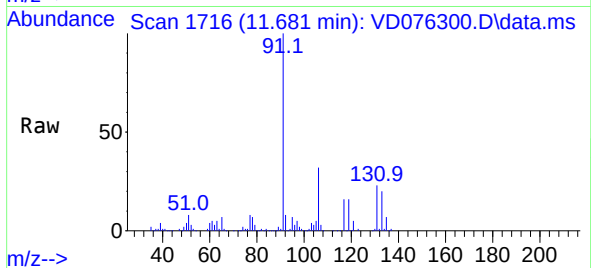
VSTDCCC050EC

Tgt Ion: 91 Resp: 475522

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.463 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD076300.D

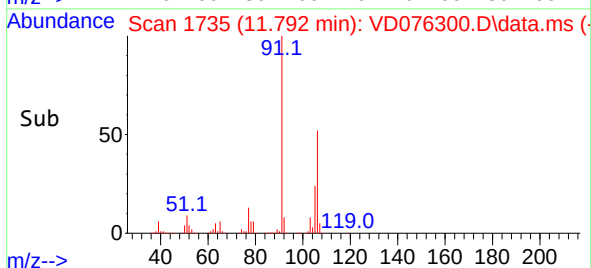
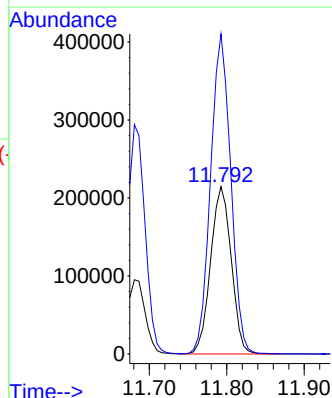
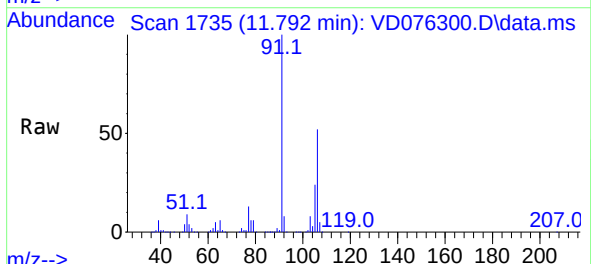
Acq: 31 May 2023 22:56

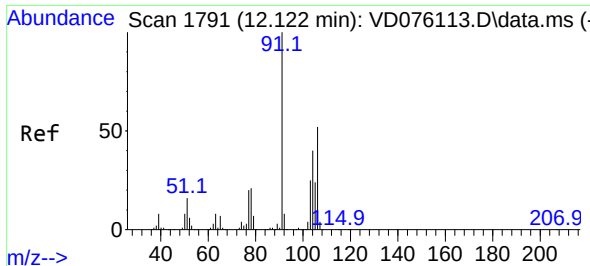
Tgt Ion:106 Resp: 396172

Ion Ratio Lower Upper

106 100

91 187.4 161.5 242.3

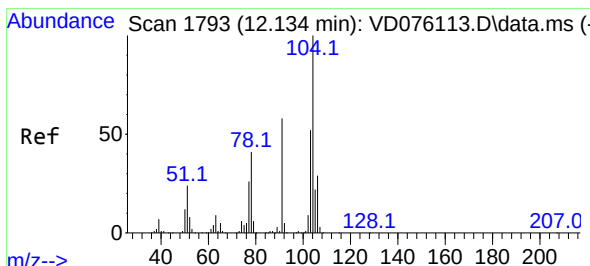
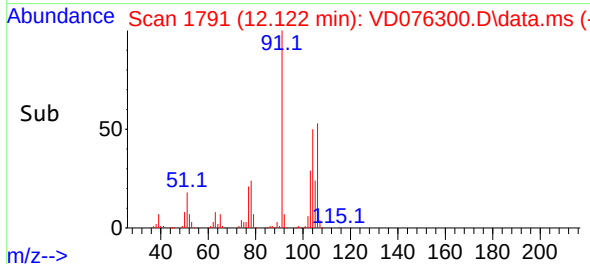
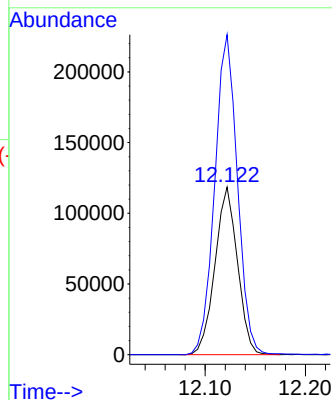
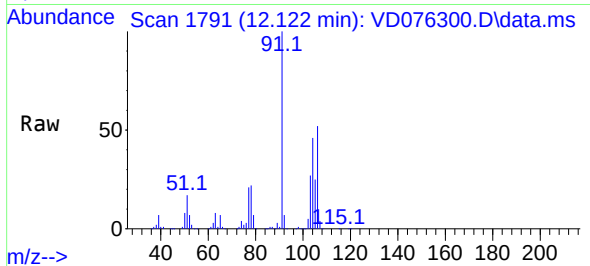




#69
o-Xylene
Concen: 50.800 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

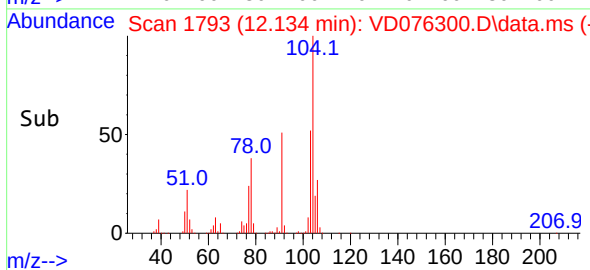
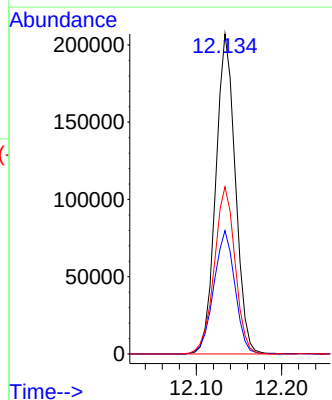
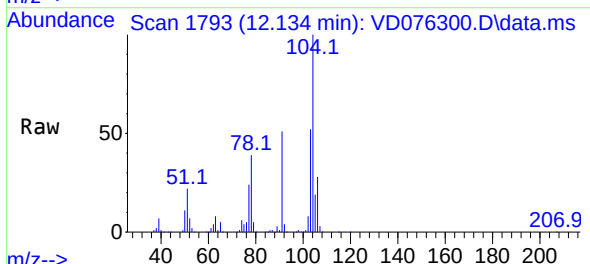
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

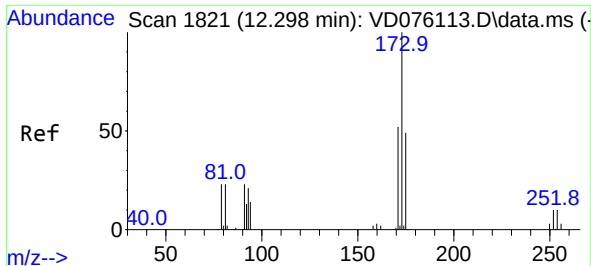
Tgt Ion:106 Resp: 184628
Ion Ratio Lower Upper
106 100
91 192.8 105.7 317.1



#70
Styrene
Concen: 52.509 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:104 Resp: 330875
Ion Ratio Lower Upper
104 100
78 41.6 40.2 60.4
103 55.4 44.2 66.2

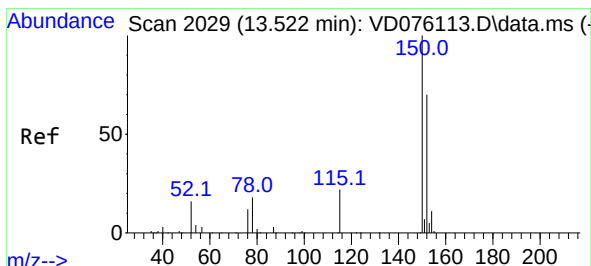
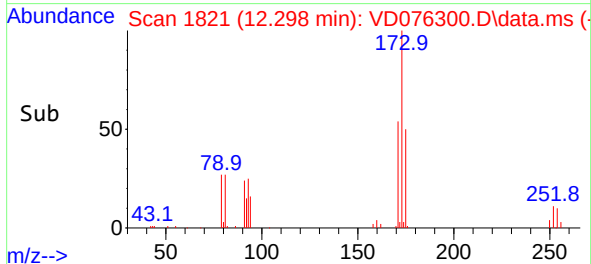
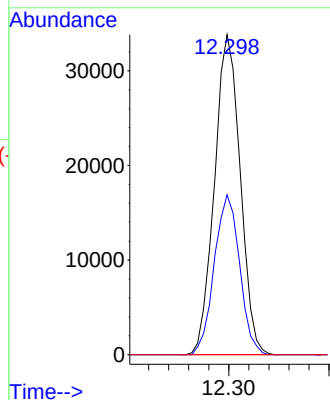
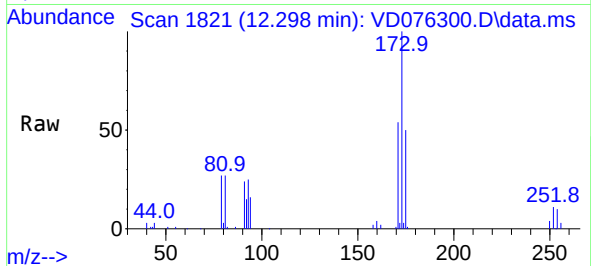




#71
Bromoform
Concen: 51.052 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

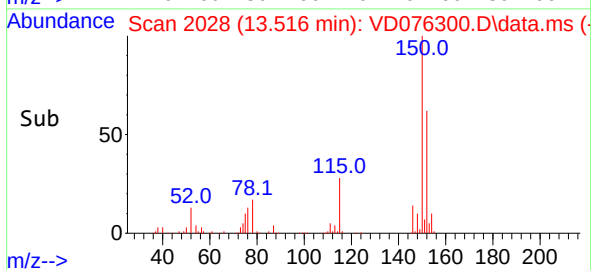
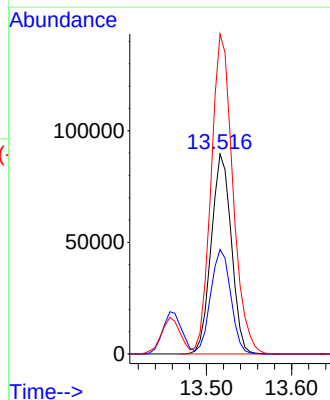
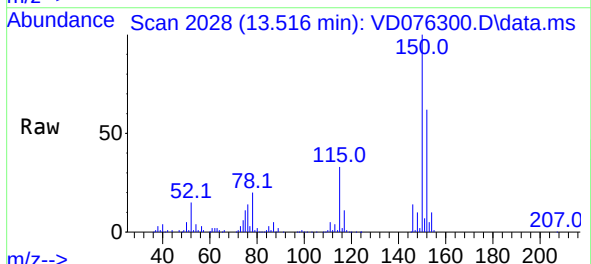
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

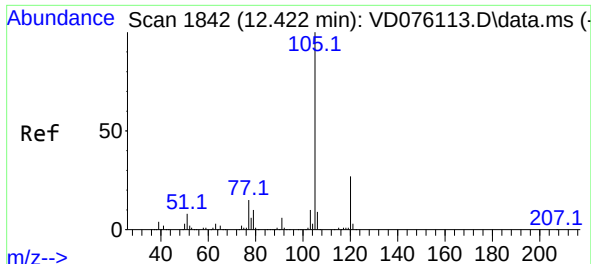
Tgt Ion:	173	Resp:	60272
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:	152	Resp:	147411
Ion Ratio	Lower	Upper	
152	100		
115	52.2	30.1	90.3
150	173.2	0.0	364.8

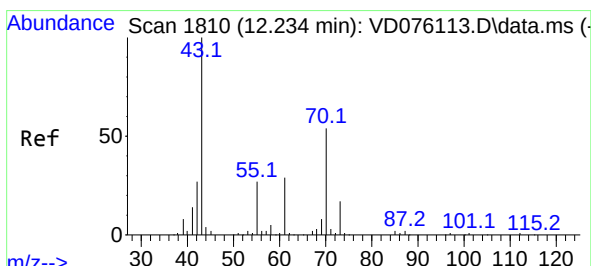
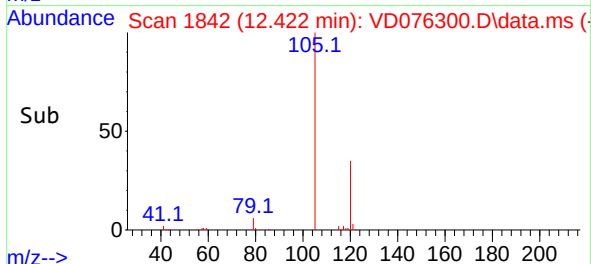
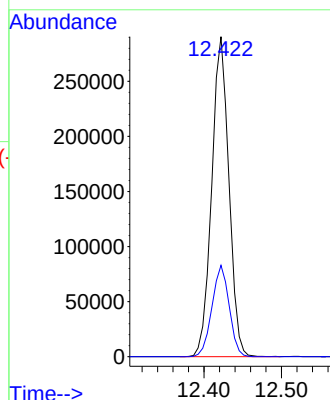
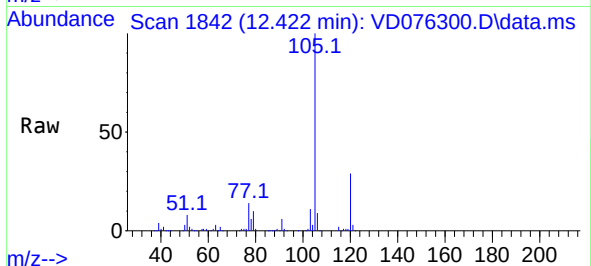




#73
Isopropylbenzene
Concen: 45.798 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

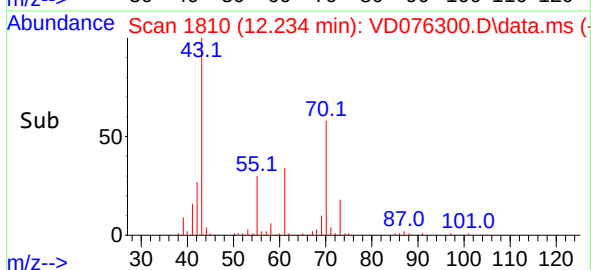
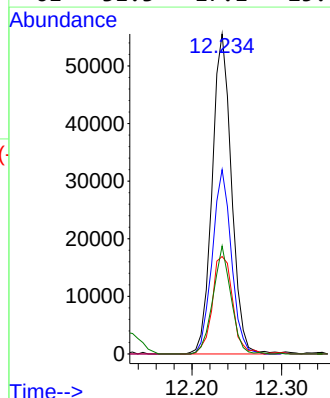
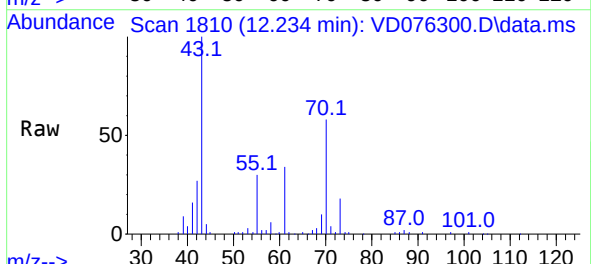
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

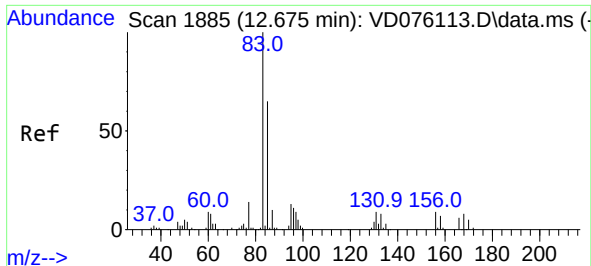
Tgt Ion:105 Resp: 446594
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.1



#74
N-ethyl acetate
Concen: 47.918 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 43 Resp: 83230
Ion Ratio Lower Upper
43 100
70 57.0 31.0 46.4#
55 32.2 18.6 28.0#
61 31.3 17.1 25.7#

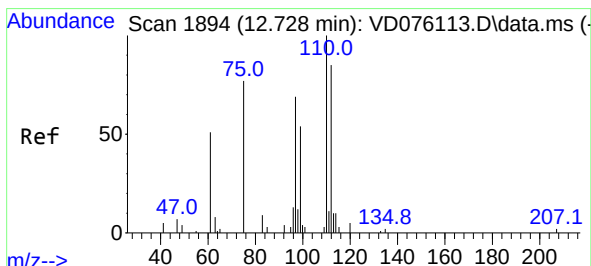
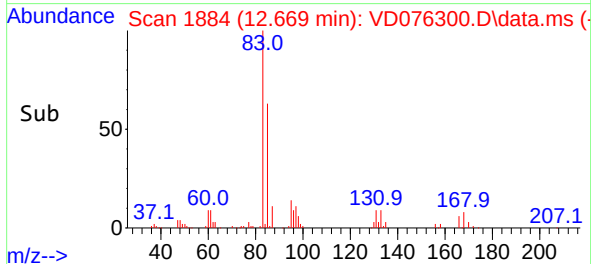
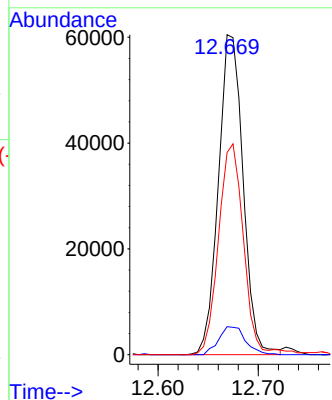
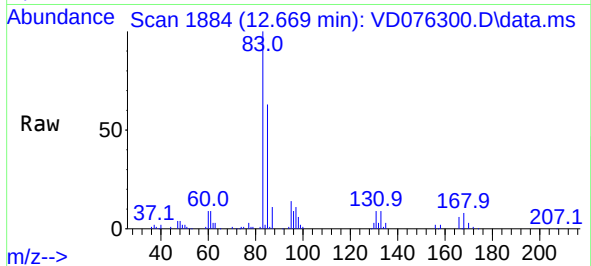




#75
1,1,2,2-Tetrachloroethane
Concen: 49.396 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

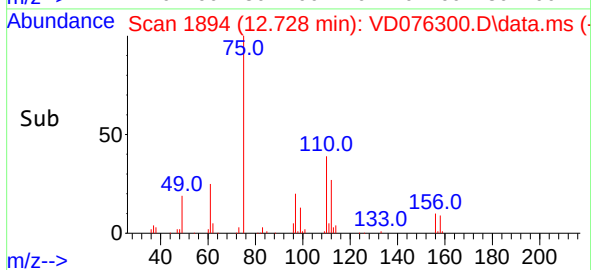
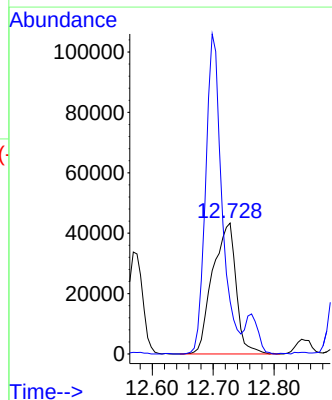
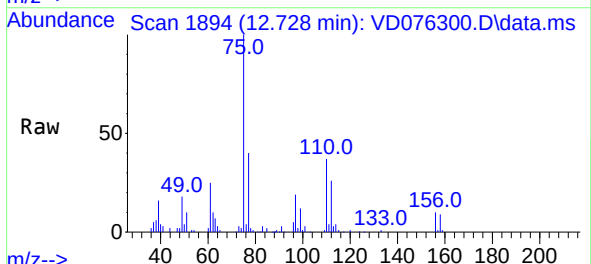
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

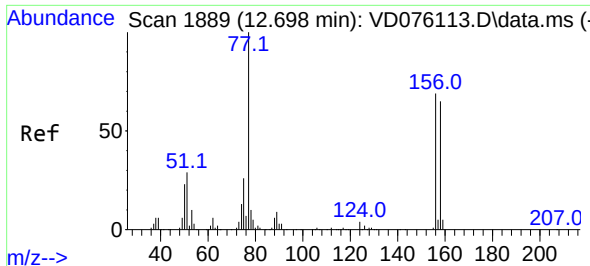
Tgt Ion: 83 Resp: 103525
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.2
85 66.8 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 89.980 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 75 Resp: 116071
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

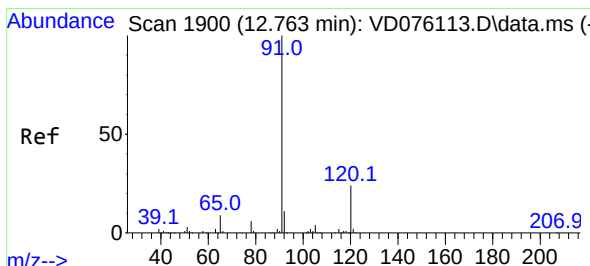
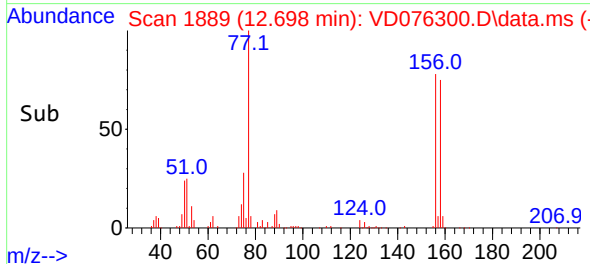
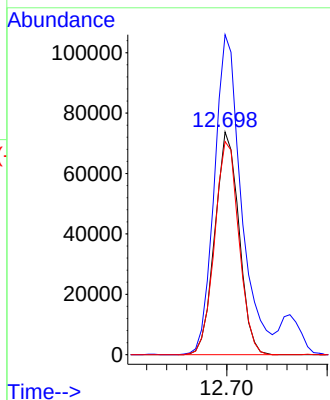
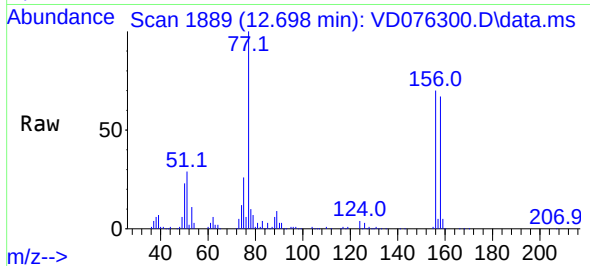




#77
Bromobenzene
Concen: 47.011 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

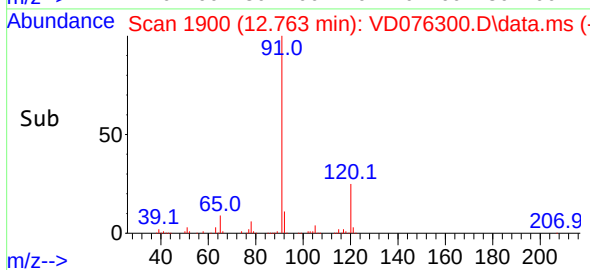
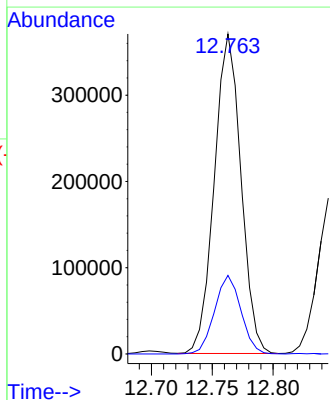
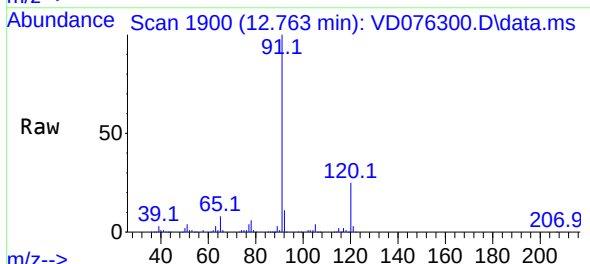
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

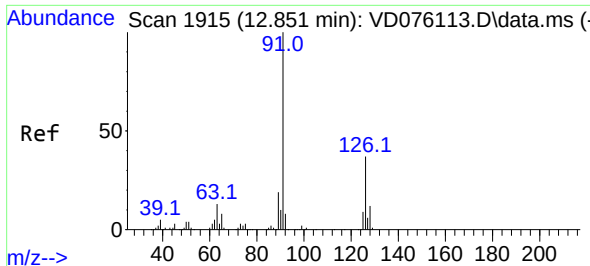
Tgt Ion:156 Resp: 122870
Ion Ratio Lower Upper
156 100
77 160.6 89.5 268.6
158 96.7 47.8 143.4



#78
n-propylbenzene
Concen: 46.454 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 91 Resp: 563842
Ion Ratio Lower Upper
91 100
120 24.3 11.4 34.2

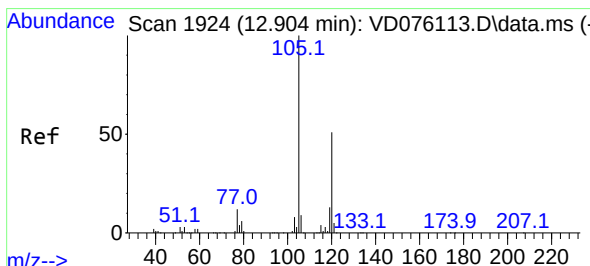
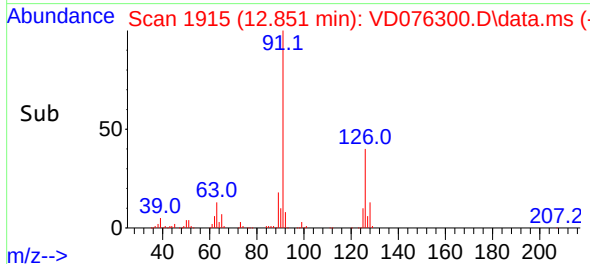
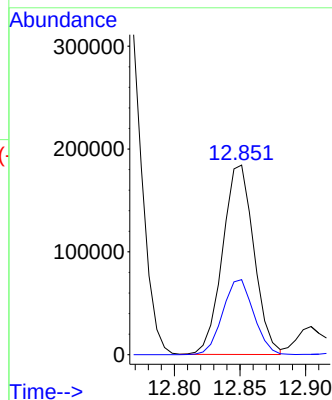
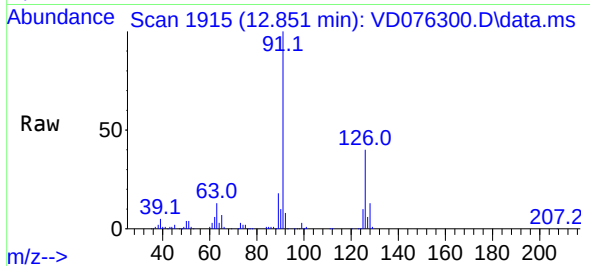




#79
2-Chlorotoluene
Concen: 45.650 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

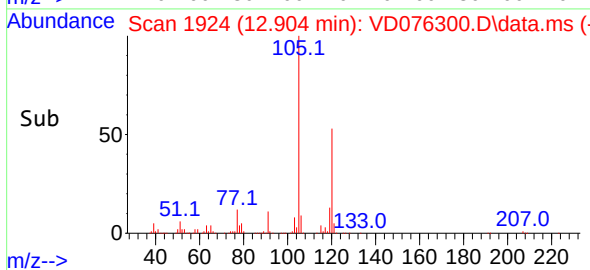
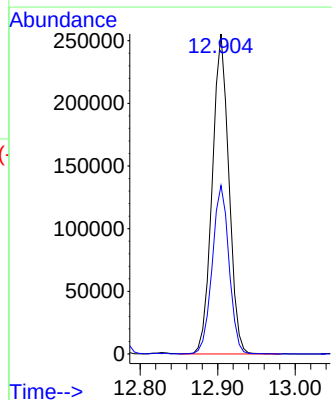
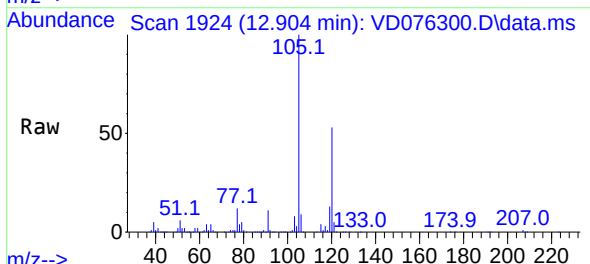
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

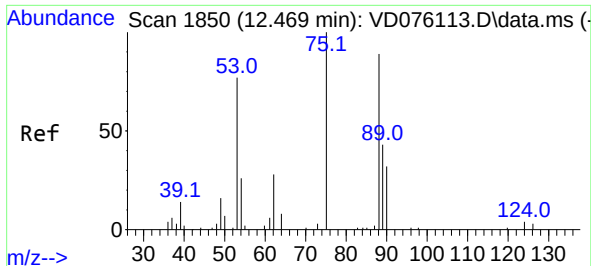
Tgt Ion: 91 Resp: 306661
Ion Ratio Lower Upper
91 100
126 39.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 47.014 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 105 Resp: 380055
Ion Ratio Lower Upper
105 100
120 53.1 24.3 72.8

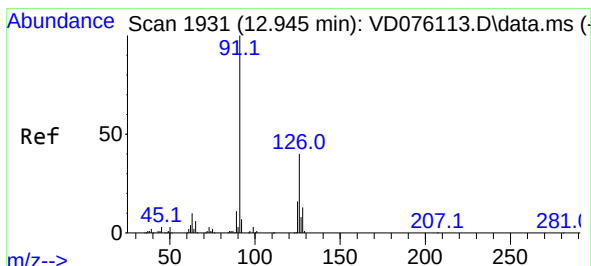
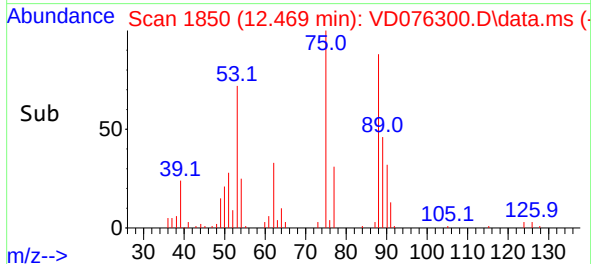
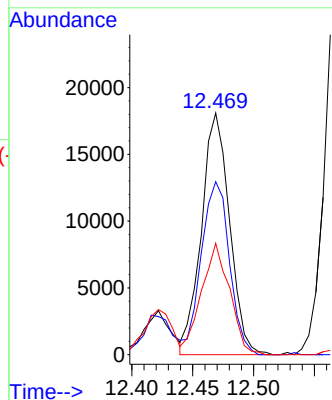
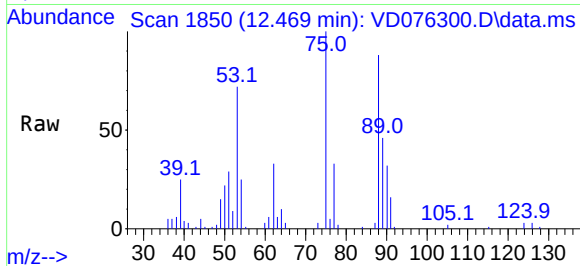




#81
trans-1,4-Dichloro-2-butene
Concen: 47.215 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

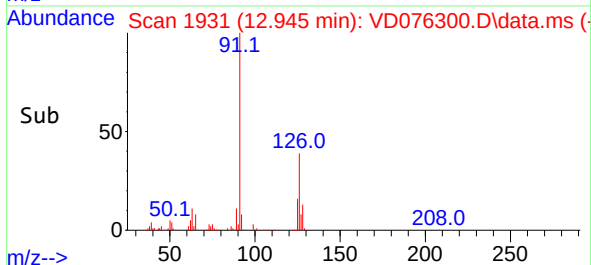
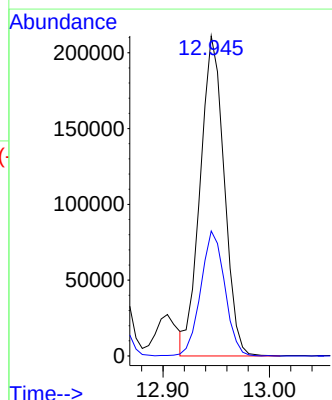
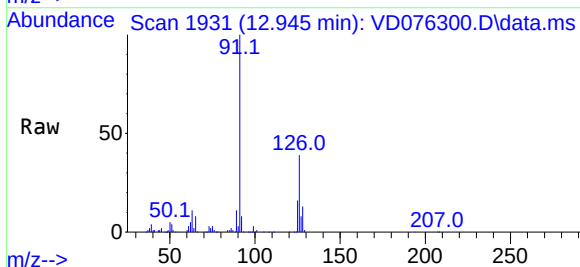
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

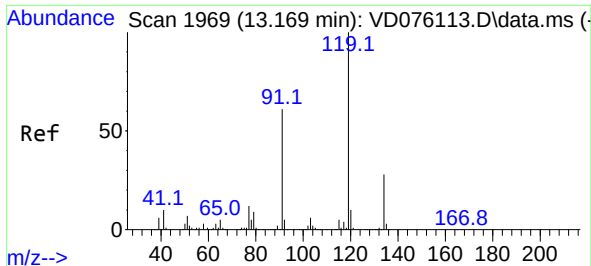
Tgt Ion: 75 Resp: 29033
Ion Ratio Lower Upper
75 100
53 72.0 90.5 135.7#
89 46.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 46.162 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 91 Resp: 329848
Ion Ratio Lower Upper
91 100
126 39.2 17.1 51.2

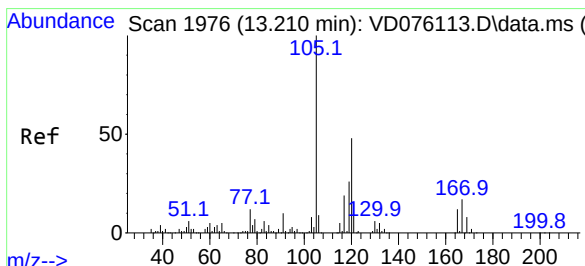
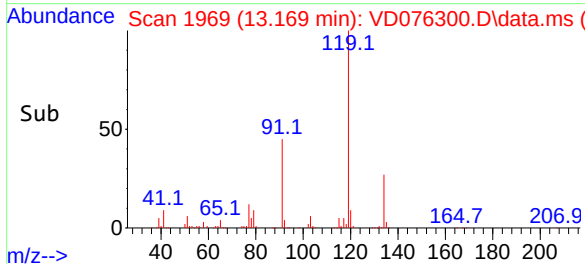
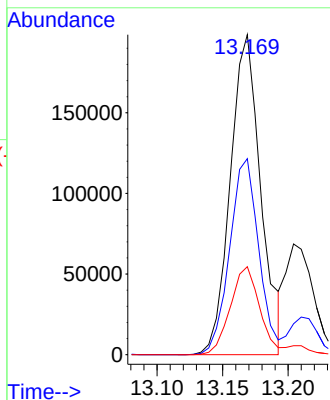
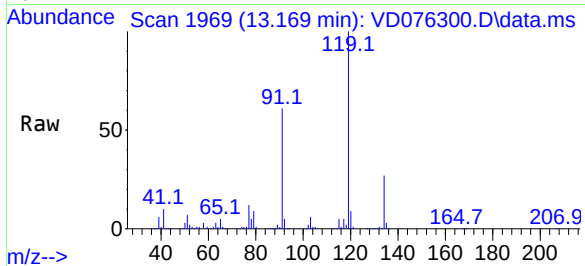




#83
tert-Butylbenzene
Concen: 47.062 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

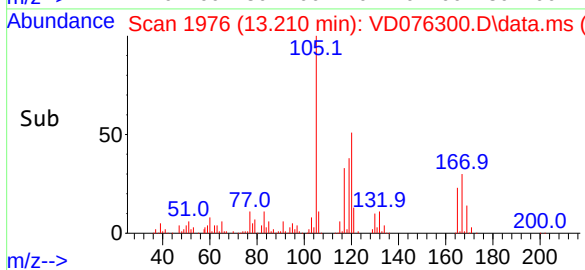
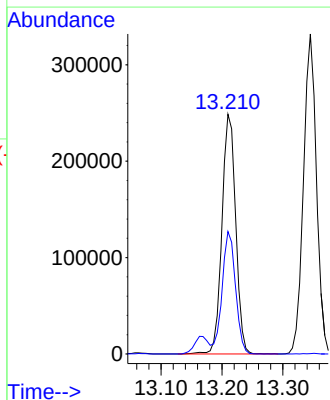
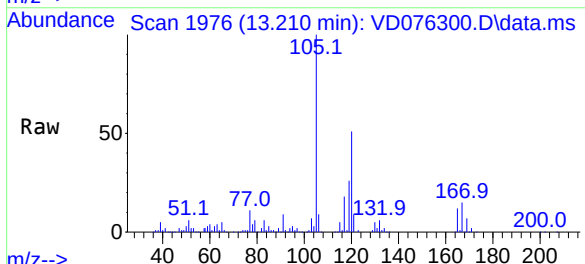
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

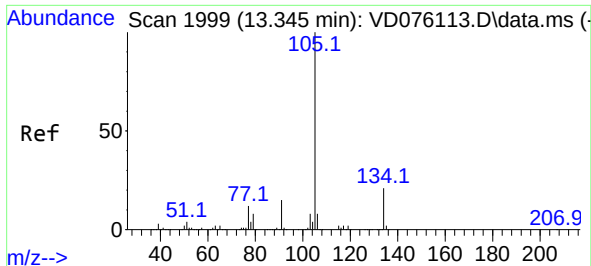
Tgt Ion:119 Resp: 321519
Ion Ratio Lower Upper
119 100
91 58.5 32.4 97.0
134 26.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.464 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:105 Resp: 390161
Ion Ratio Lower Upper
105 100
120 49.8 22.3 66.9

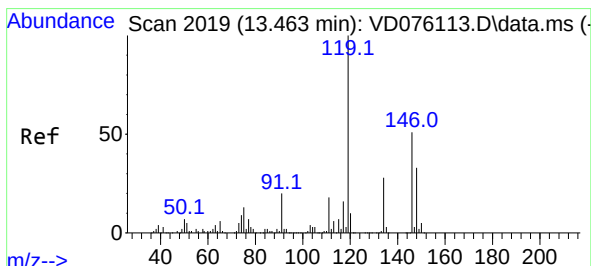
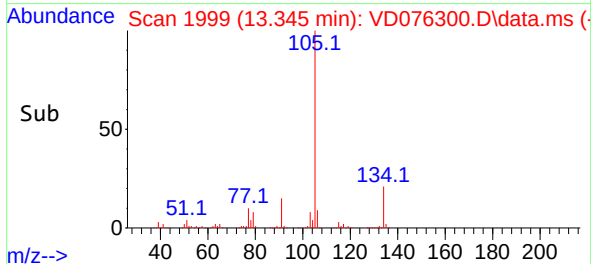
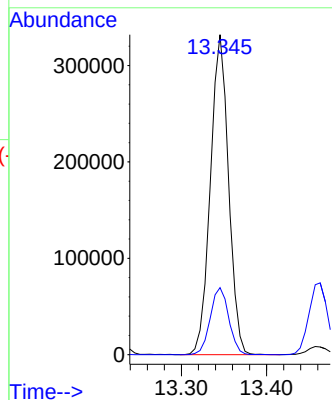
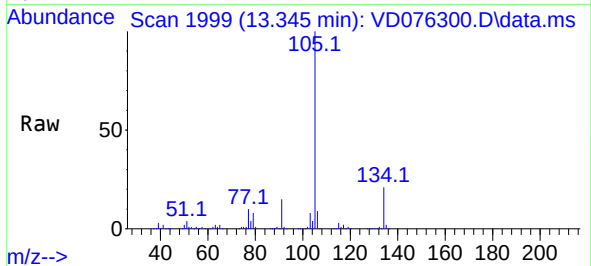




#85
 sec-Butylbenzene
 Concen: 46.157 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

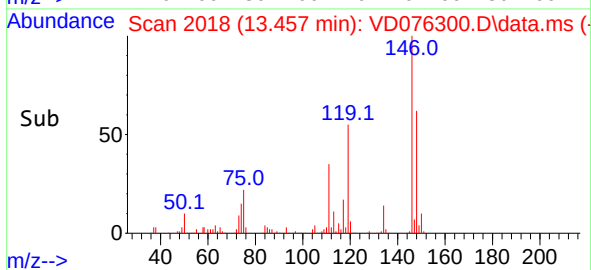
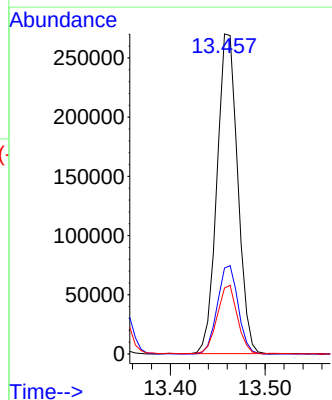
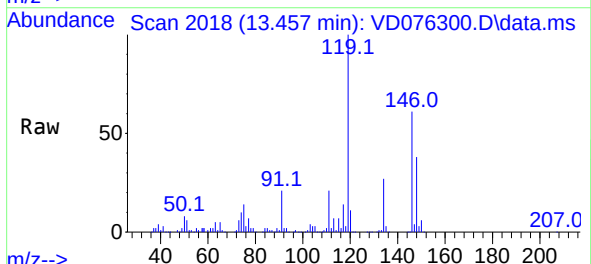
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

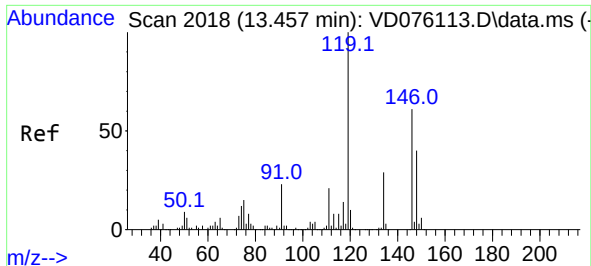
Tgt Ion:105 Resp: 491442
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.224 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD076300.D
 Acq: 31 May 2023 22:56

Tgt Ion:119 Resp: 411416
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.363 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076300.D

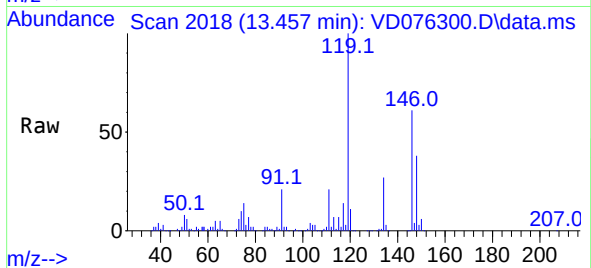
Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



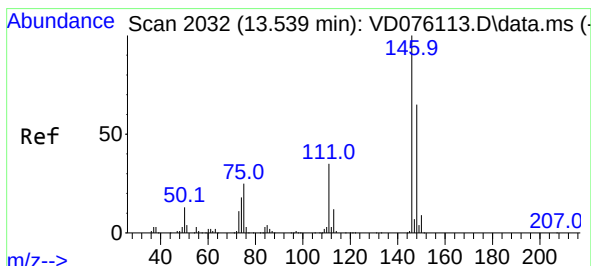
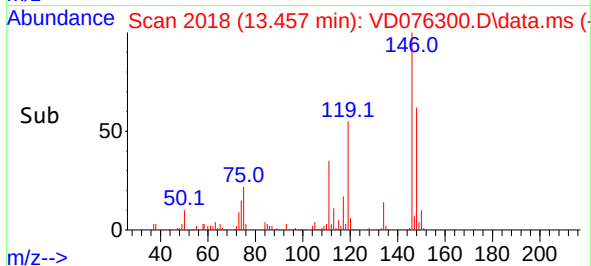
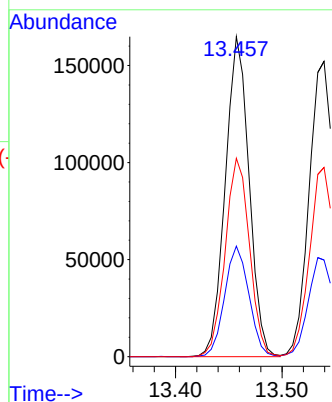
Tgt Ion:146 Resp: 255575

Ion Ratio Lower Upper

146 100

111 35.2 19.8 59.3

148 63.4 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 47.820 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

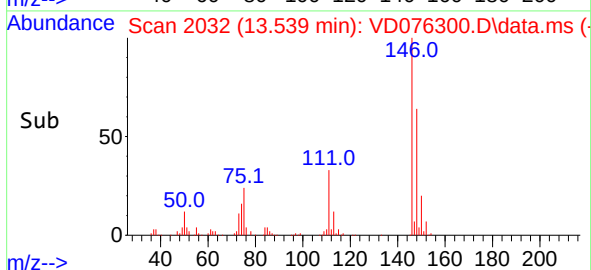
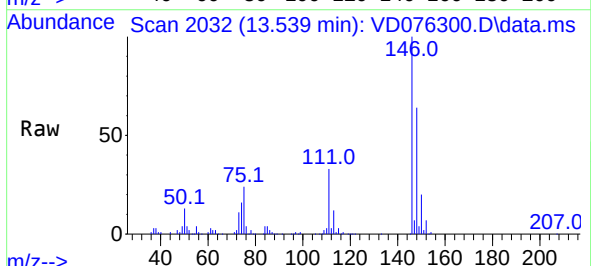
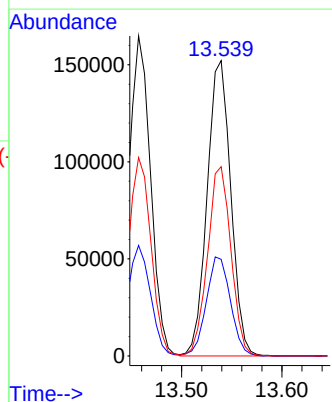
Tgt Ion:146 Resp: 250223

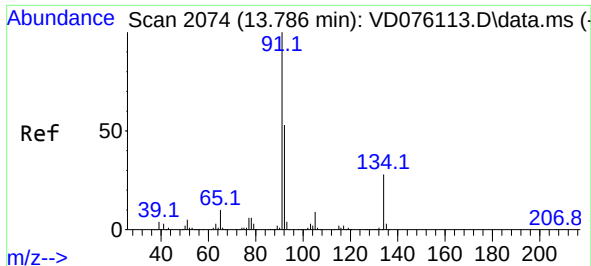
Ion Ratio Lower Upper

146 100

111 34.2 19.6 58.8

148 63.4 31.7 95.1

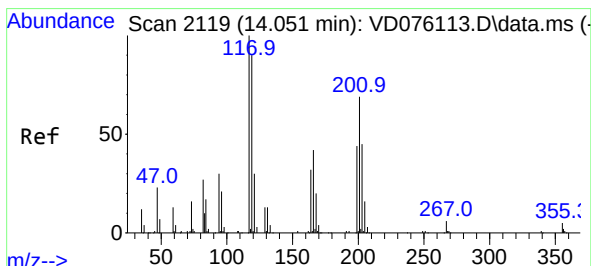
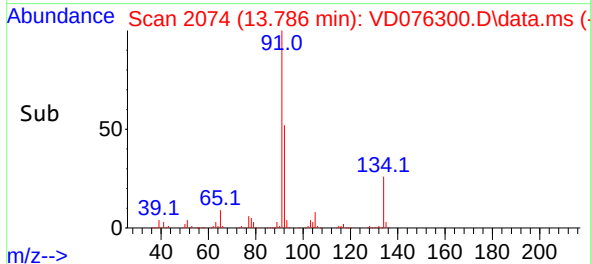
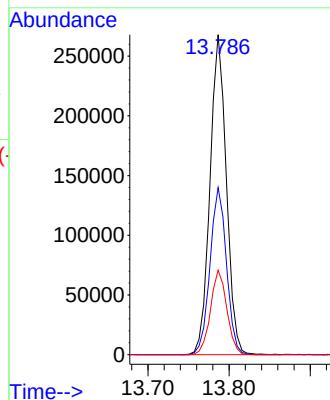
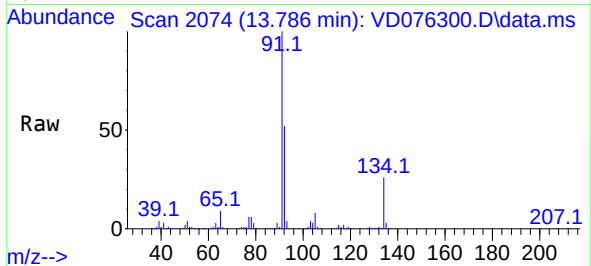




#89
n-Butylbenzene
Concen: 45.592 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

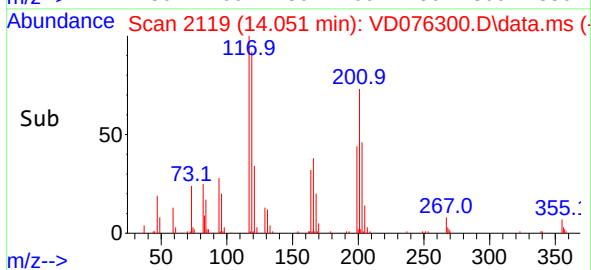
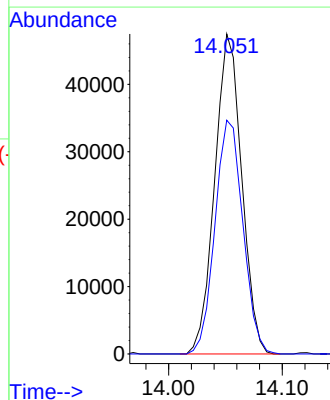
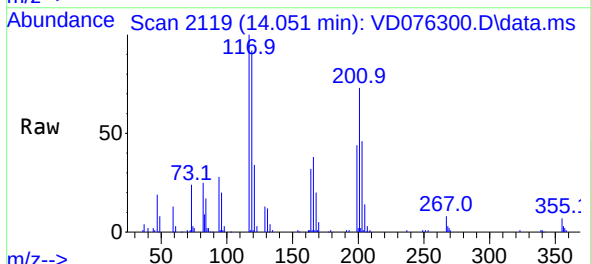
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

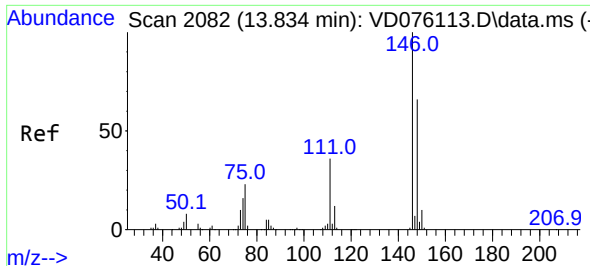
Tgt Ion: 91 Resp: 374311
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 26.4 12.7 38.0



#90
Hexachloroethane
Concen: 43.760 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion: 117 Resp: 78418
Ion Ratio Lower Upper
117 100
201 75.6 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 48.378 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD076300.D

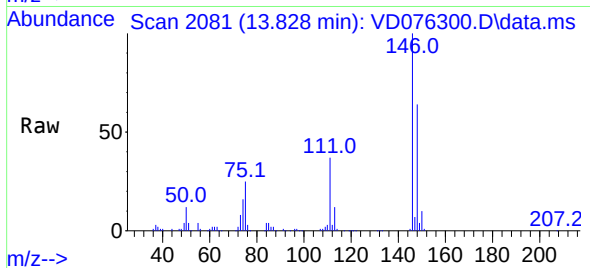
Acq: 31 May 2023 22:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



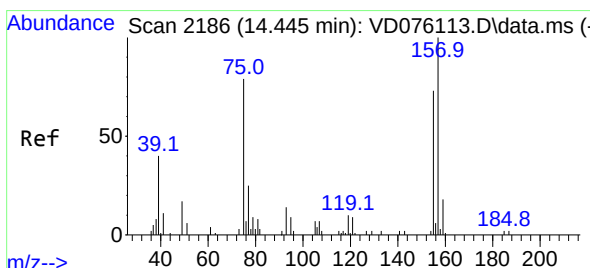
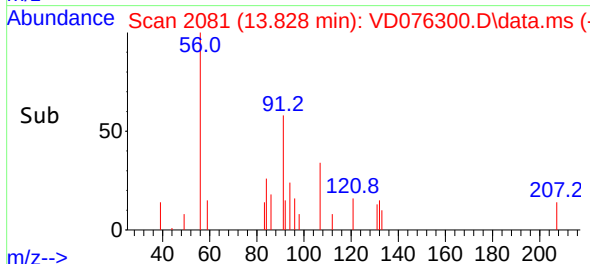
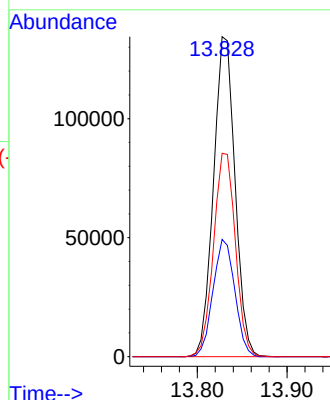
Tgt Ion:146 Resp: 224352

Ion Ratio Lower Upper

146 100

111 37.1 20.6 61.8

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.021 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076300.D

Acq: 31 May 2023 22:56

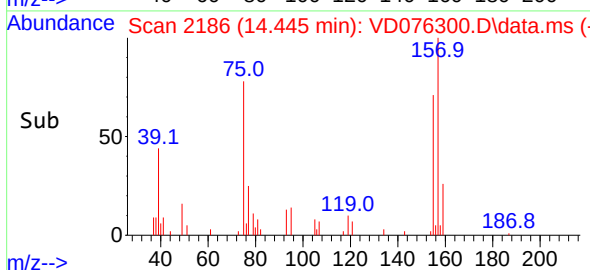
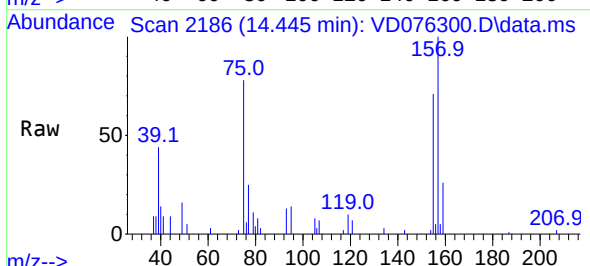
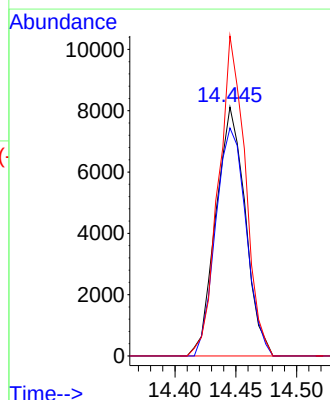
Tgt Ion: 75 Resp: 13612

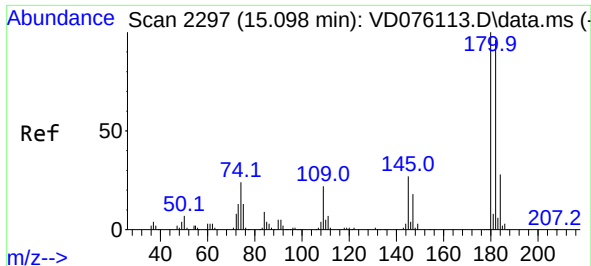
Ion Ratio Lower Upper

75 100

155 94.7 39.5 118.5

157 117.3 53.5 160.7

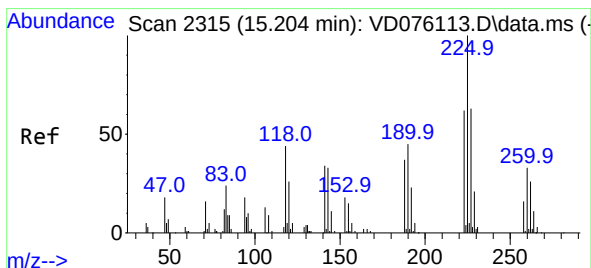
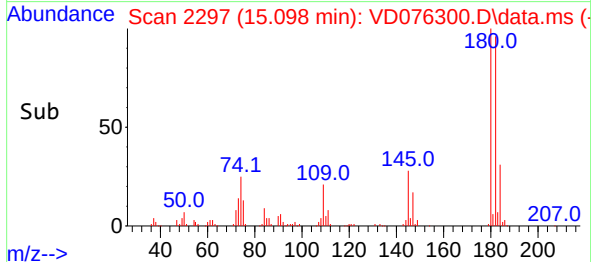
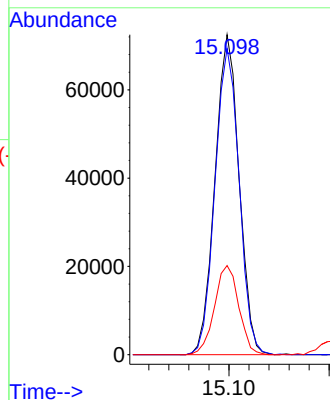
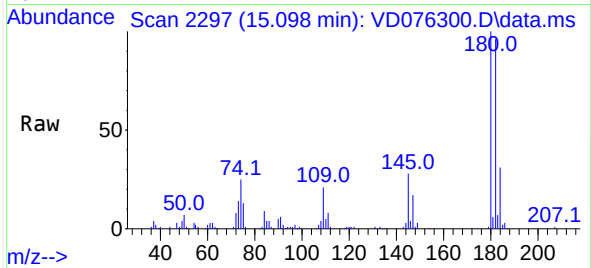




#93
1,2,4-Trichlorobenzene
Concen: 44.829 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

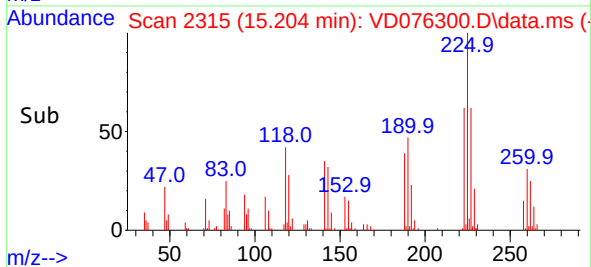
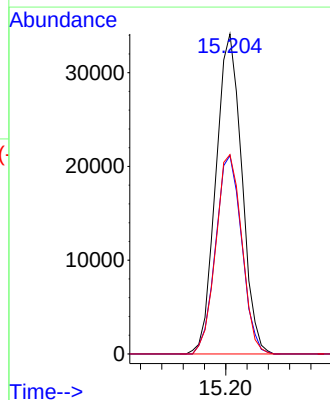
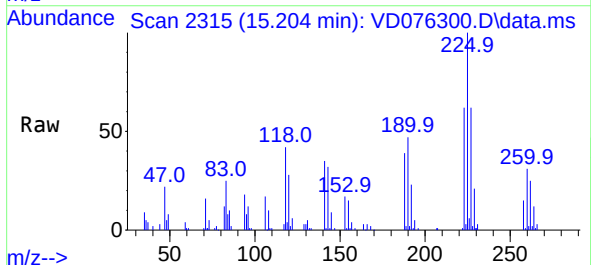
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

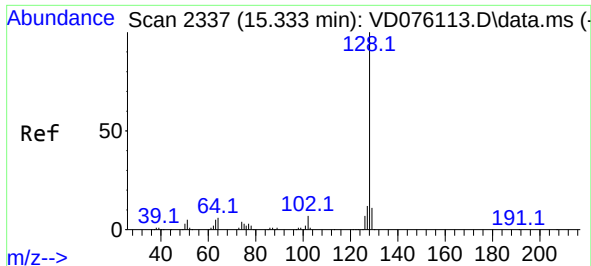
Tgt Ion:180 Resp: 120928
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 28.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 41.904 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:225 Resp: 57634
Ion Ratio Lower Upper
225 100
223 62.3 33.1 99.2
227 62.5 31.9 95.9

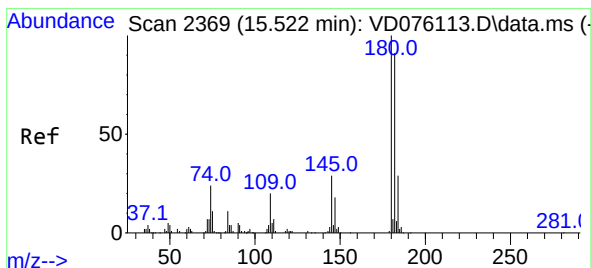
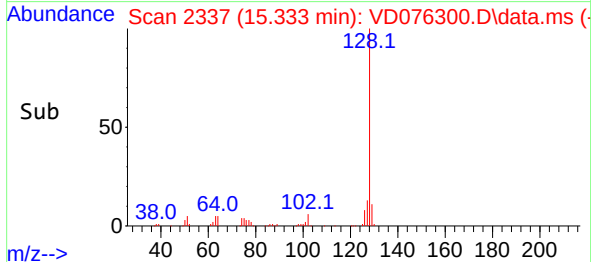
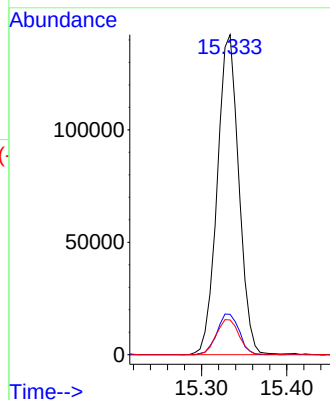
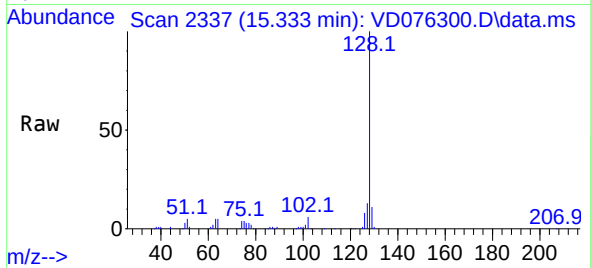




#95
Naphthalene
Concen: 50.028 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 250754
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.515 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076300.D
Acq: 31 May 2023 22:56

Tgt Ion:180 Resp: 114116
Ion Ratio Lower Upper
180 100
182 95.8 47.7 143.1
145 29.5 16.4 49.4

