

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076269.D
 Acq On : 26 May 2023 20:40
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 26 23:17:40 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	164600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80295	50.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.805	113	96164	49.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.269	98	354537	46.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.575	95	103394	48.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	63892	43.039	ug/l	95
3) Chloromethane	2.146	50	138242	57.356	ug/l	96
4) Vinyl Chloride	2.275	62	168961	52.774	ug/l	97
5) Bromomethane	2.681	94	94959	44.055	ug/l	99
6) Chloroethane	2.828	64	120991	56.172	ug/l	99
7) Trichlorofluoromethane	3.164	101	127581	47.014	ug/l	96
8) Diethyl Ether	3.587	74	47549	53.282	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.958	101	88882	49.725	ug/l	94
10) Methyl Iodide	4.158	142	100093	53.856	ug/l	90
11) Tert butyl alcohol	5.058	59	25909	307.886	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	83986	47.210	ug/l	84
13) Acrolein	3.787	56	51998	252.474	ug/l	94
14) Allyl chloride	4.552	41	91342	50.592	ug/l #	79
15) Acrylonitrile	5.252	53	111463	301.659	ug/l	96
16) Acetone	4.017	43	70919	224.063	ug/l #	77
17) Carbon Disulfide	4.264	76	214721	44.274	ug/l	98
18) Methyl Acetate	4.558	43	66187	58.621	ug/l #	78
19) Methyl tert-butyl Ether	5.311	73	197704	56.779	ug/l	97
20) Methylene Chloride	4.793	84	124236	49.553	ug/l #	75
21) trans-1,2-Dichloroethene	5.305	96	101058	49.289	ug/l #	83
22) Diisopropyl ether	6.211	45	235031	56.083	ug/l #	93
23) Vinyl Acetate	6.152	43	488753	296.614	ug/l #	87
24) 1,1-Dichloroethane	6.099	63	174696	52.857	ug/l	97
25) 2-Butanone	7.081	43	110094	276.637	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	128580	47.712	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	118882	52.251	ug/l	84
28) Bromochloromethane	7.422	49	56431	51.206	ug/l #	62
29) Tetrahydrofuran	7.440	42	69782	300.833	ug/l #	65
30) Chloroform	7.593	83	184391	52.170	ug/l	98
31) Cyclohexane	7.875	56	112938	46.355	ug/l #	81
32) 1,1,1-Trichloroethane	7.787	97	141970	50.404	ug/l	96
36) 1,1-Dichloropropene	8.005	75	125860	47.588	ug/l	95
37) Ethyl Acetate	7.163	43	50855	55.528	ug/l #	79
38) Carbon Tetrachloride	7.987	117	113281	47.419	ug/l	99
39) Methylcyclohexane	9.269	83	139124	45.690	ug/l	96
40) Benzene	8.246	78	406849	47.847	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24810	49.405	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	101759	50.596	ug/l	92
43) Isopropyl Acetate	8.357	43	91209	53.313	ug/l #	81
44) Trichloroethene	9.022	130	110187	45.981	ug/l	89
45) 1,2-Dichloropropane	9.304	63	103981	49.577	ug/l	94
46) Dibromomethane	9.393	93	59355	50.488	ug/l	94
47) Bromodichloromethane	9.581	83	142403	50.400	ug/l	99
48) Methyl methacrylate	9.381	41	38794	51.235	ug/l #	61
49) 1,4-Dioxane	9.387	88	15384	1223.702	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	261698	287.614	ug/l #	82
52) Toluene	10.334	92	261736	49.285	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	128966	50.644	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	156228	50.271	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	88300	52.376	ug/l	95
56) Ethyl methacrylate	10.599	69	92779	54.751	ug/l #	69
57) 1,3-Dichloropropane	10.875	76	136988	51.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	211363	259.962	ug/l	92
59) 2-Hexanone	10.922	43	179900	280.357	ug/l	77
60) Dibromochloromethane	11.075	129	98287	51.849	ug/l	98
61) 1,2-Dibromoethane	11.181	107	78217	52.156	ug/l	97
64) Tetrachloroethene	10.810	164	91419	44.194	ug/l	96
65) Chlorobenzene	11.604	112	287956	47.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	103142	48.940	ug/l	95
67) Ethyl Benzene	11.681	91	475022	48.542	ug/l	98
68) m/p-Xylenes	11.793	106	391437	97.873	ug/l	90
69) o-Xylene	12.122	106	178107	48.805	ug/l	92
70) Styrene	12.134	104	324790	51.333	ug/l	93
71) Bromoform	12.298	173	59769	50.419	ug/l #	97
73) Isopropylbenzene	12.422	105	454623	48.159	ug/l	96
74) N-amyl acetate	12.234	43	87457	52.013	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	100352	49.461	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	115431	92.435	ug/l #	100
77) Bromobenzene	12.698	156	118992	47.029	ug/l	91
78) n-propylbenzene	12.763	91	561258	47.766	ug/l	97
79) 2-Chlorotoluene	12.851	91	310054	47.677	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	375260	47.952	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	29888	50.209	ug/l #	70
82) 4-Chlorotoluene	12.945	91	323787	46.809	ug/l	93
83) tert-Butylbenzene	13.169	119	322770	48.804	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	380951	48.880	ug/l	93
85) sec-Butylbenzene	13.345	105	497010	48.220	ug/l	97
86) p-Isopropyltoluene	13.463	119	410015	48.616	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	241878	47.281	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	240005	47.380	ug/l	97
89) n-Butylbenzene	13.787	91	372196	46.830	ug/l	99
90) Hexachloroethane	14.051	117	78761	45.401	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	217036	48.344	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13931	52.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	115820	44.351	ug/l	98
94) Hexachlorobutadiene	15.204	225	56200	42.209	ug/l	98
95) Naphthalene	15.334	128	253531	52.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	110275	46.432	ug/l	97

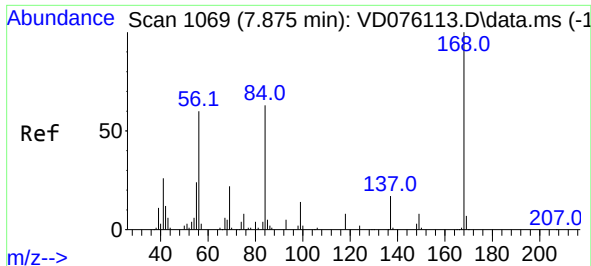
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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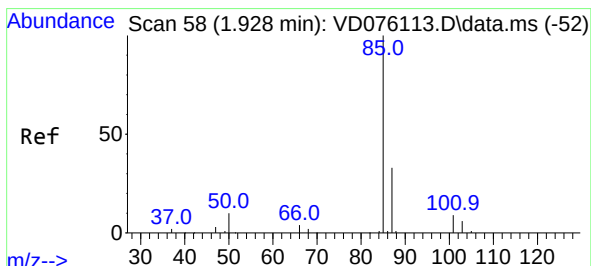
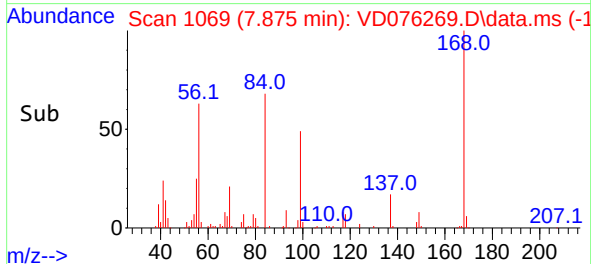
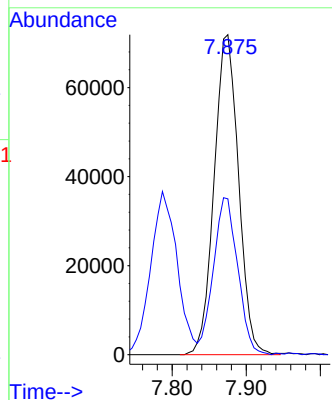
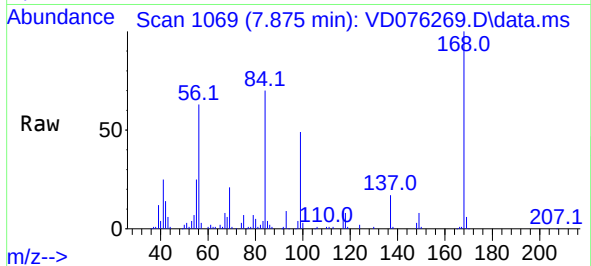
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076269.D
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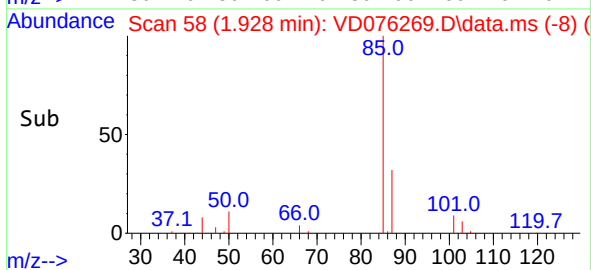
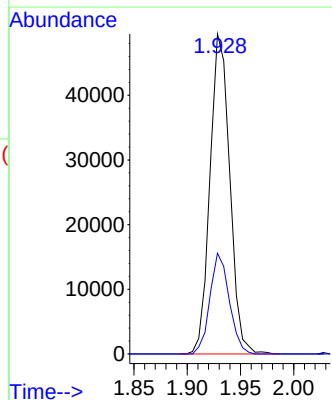
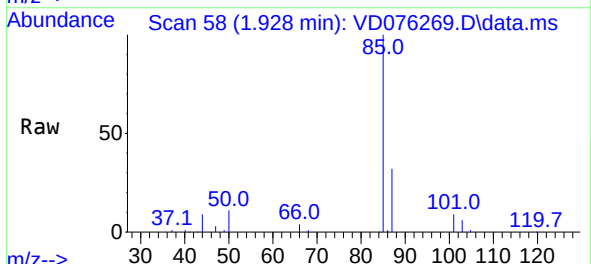
Instrument :
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VSTDCCC050EC

Tgt Ion:168 Resp: 164600
Ion Ratio Lower Upper
168 100
99 48.4 43.8 65.6

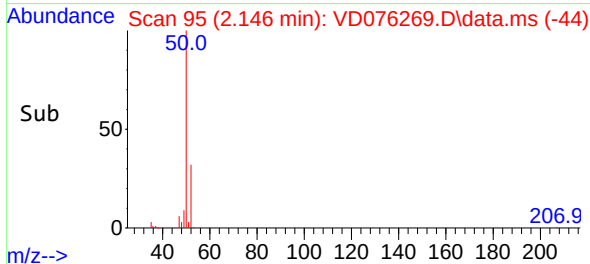
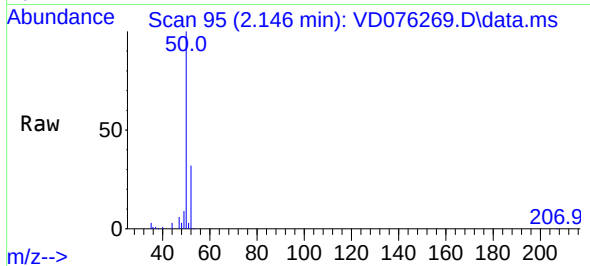
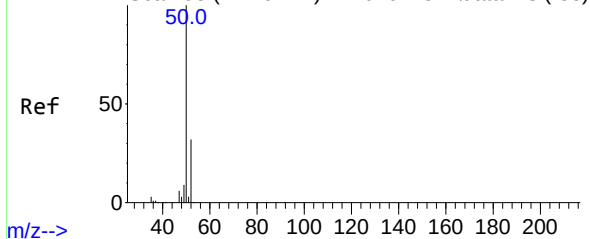


#2
Dichlorodifluoromethane
Concen: 43.039 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 85 Resp: 63892
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7



Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3

Chloromethane

Concen: 57.356 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

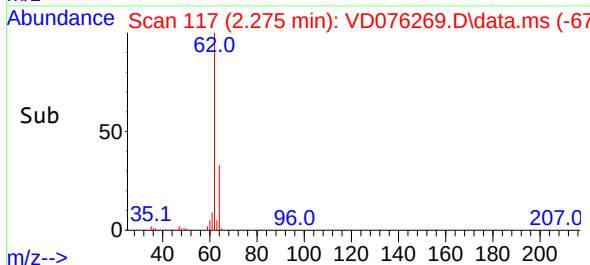
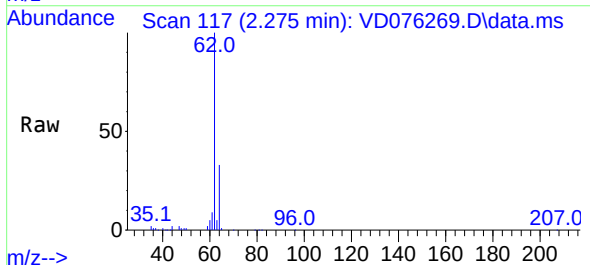
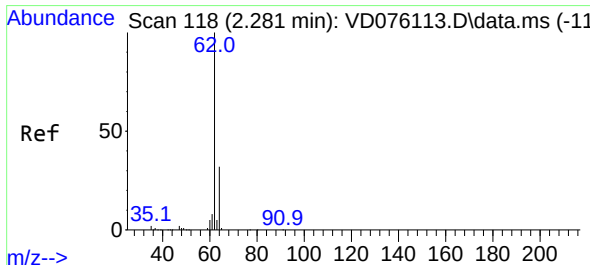
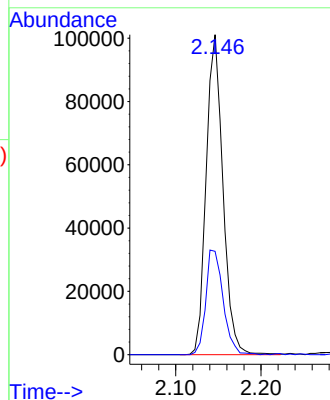
VSTDCCC050EC

Tgt Ion: 50 Resp: 138242

Ion Ratio Lower Upper

50 100

52 32.3 27.8 41.8



#4

Vinyl Chloride

Concen: 52.774 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD076269.D

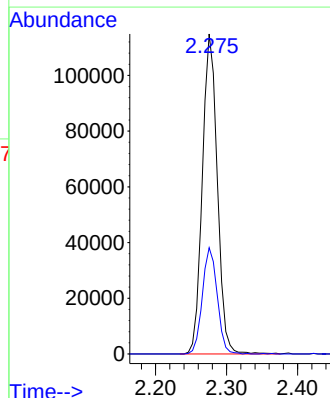
Acq: 26 May 2023 20:40

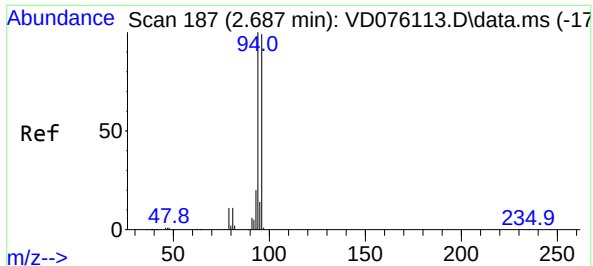
Tgt Ion: 62 Resp: 168961

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0

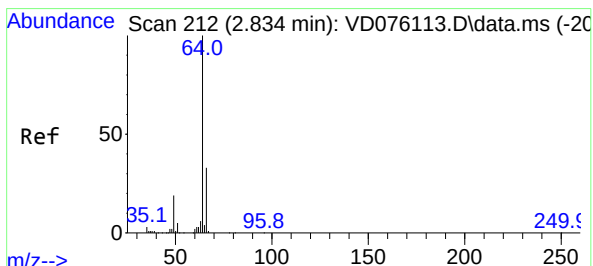
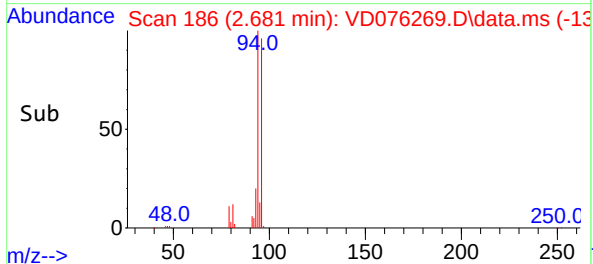
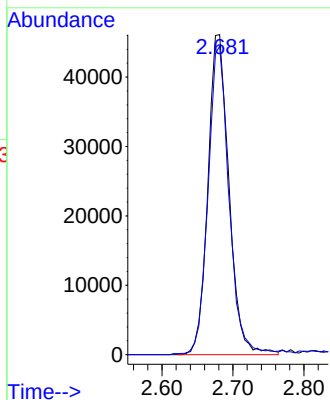
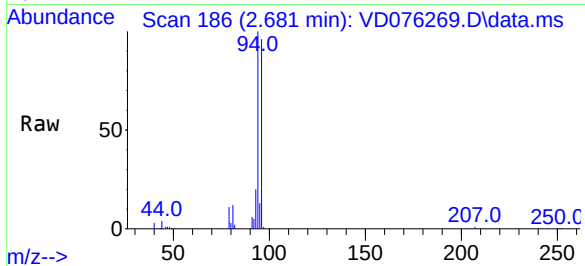




#5
Bromomethane
Concen: 44.055 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

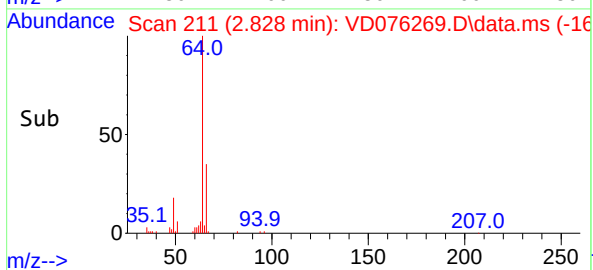
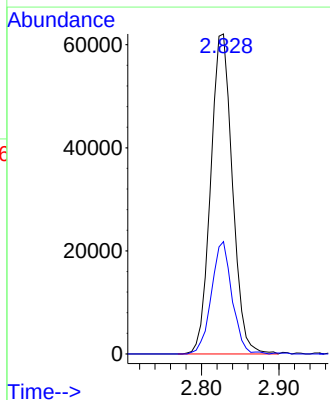
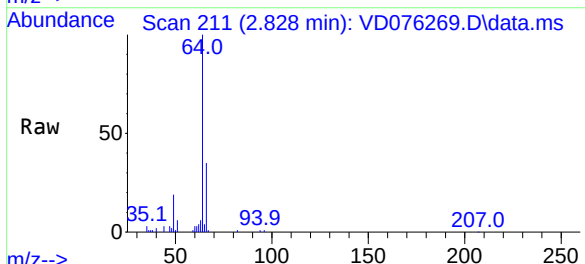
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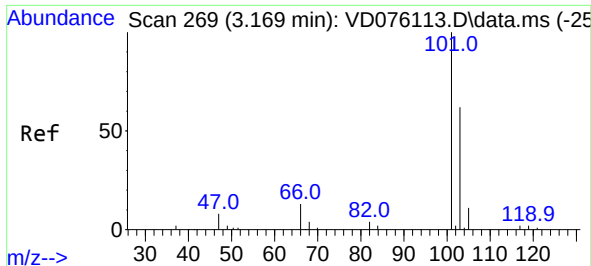
Tgt Ion: 94 Resp: 94959
Ion Ratio Lower Upper
94 100
96 96.0 77.5 116.3



#6
Chloroethane
Concen: 56.172 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 64 Resp: 120991
Ion Ratio Lower Upper
64 100
66 35.1 27.7 41.5

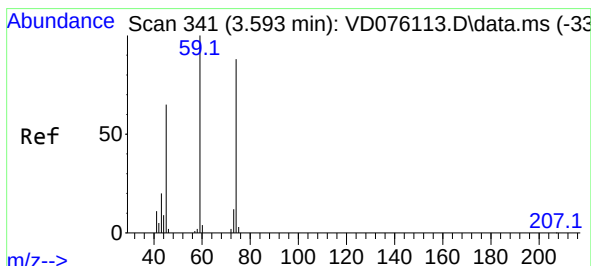
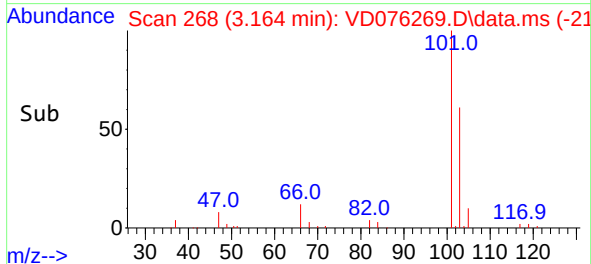
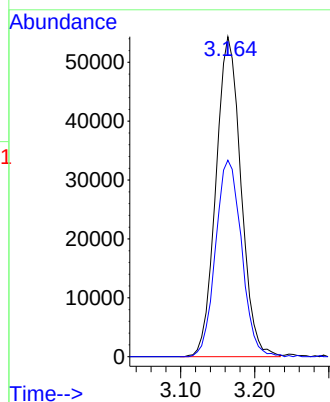
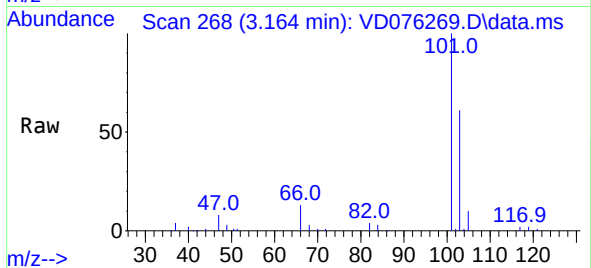




#7
Trichlorofluoromethane
Concen: 47.014 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

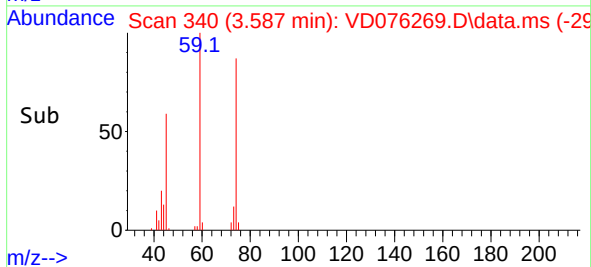
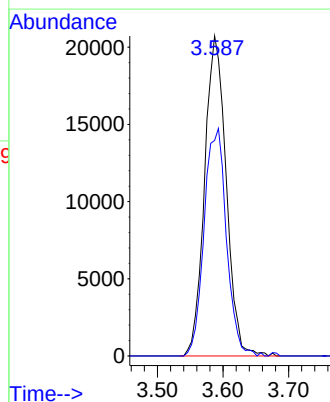
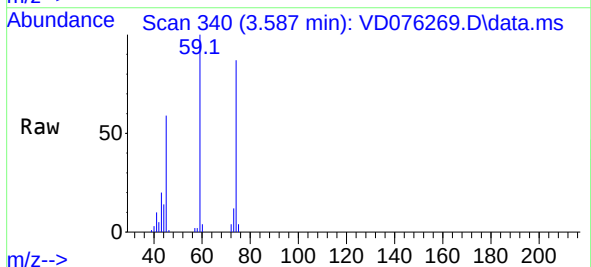
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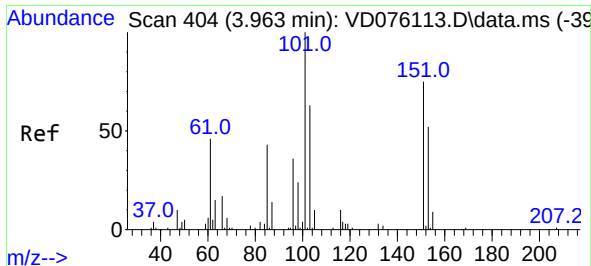
Tgt Ion:101 Resp: 127581
Ion Ratio Lower Upper
101 100
103 61.4 51.9 77.9



#8
Diethyl Ether
Concen: 53.282 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 74 Resp: 47549
Ion Ratio Lower Upper
74 100
45 73.4 50.9 152.7

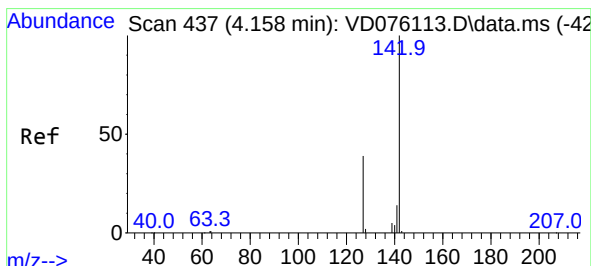
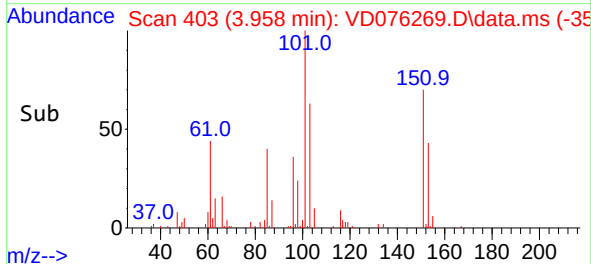
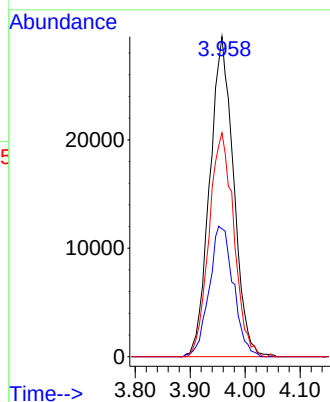
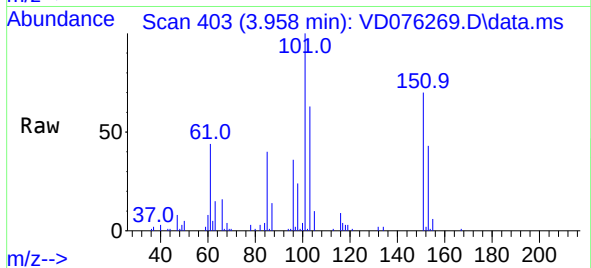




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.725 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
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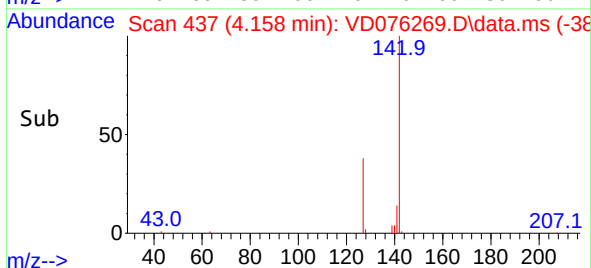
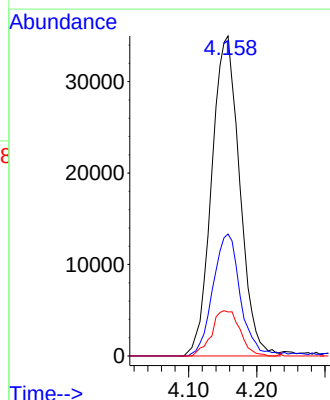
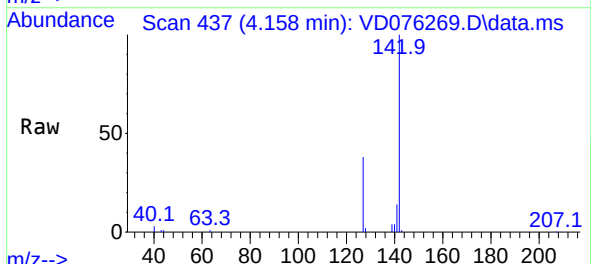
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

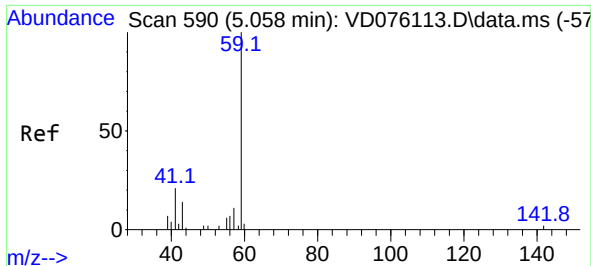
Tgt Ion:101 Resp: 88882
Ion Ratio Lower Upper
101 100
85 41.6 38.3 57.5
151 72.6 60.4 90.6



#10
Methyl Iodide
Concen: 53.856 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:142 Resp: 100093
Ion Ratio Lower Upper
142 100
127 37.5 37.1 55.7
141 14.3 11.3 16.9

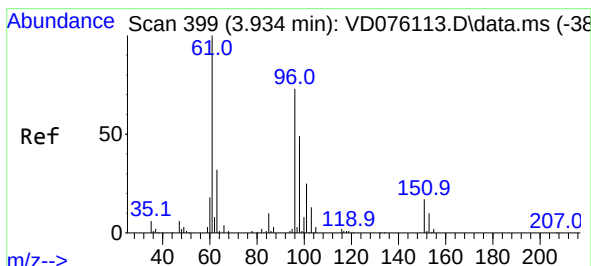
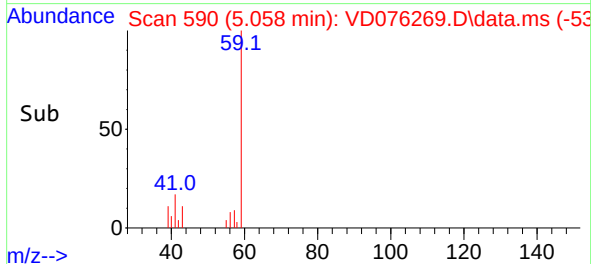
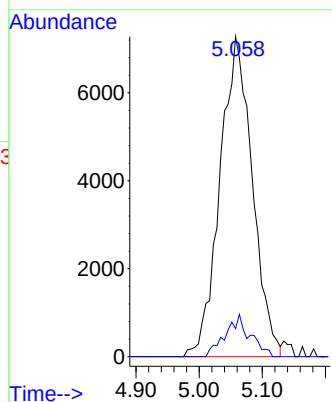
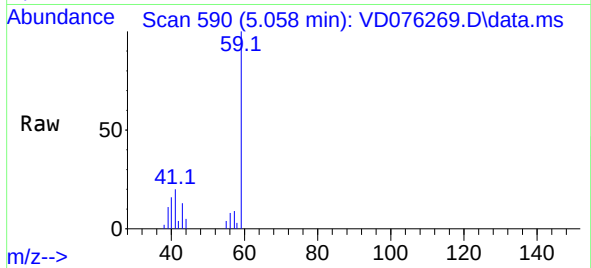




#11
Tert butyl alcohol
Concen: 307.886 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

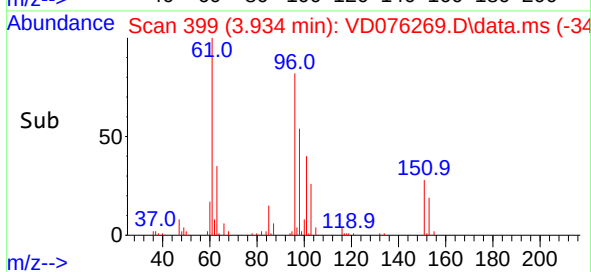
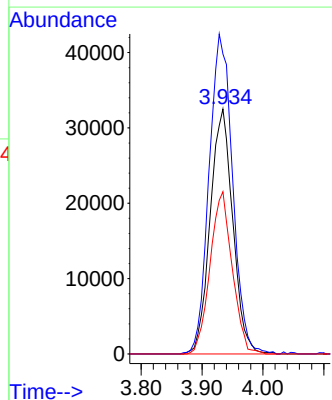
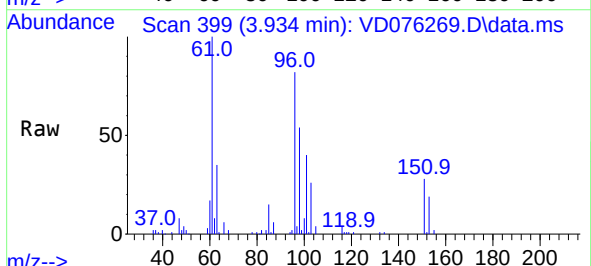
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

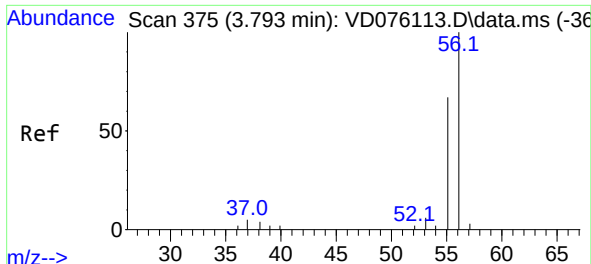
Tgt Ion: 59 Resp: 25909
Ion Ratio Lower Upper
59 100
57 10.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 47.210 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 96 Resp: 83986
Ion Ratio Lower Upper
96 100
61 122.5 118.6 177.8
98 66.3 49.7 74.5

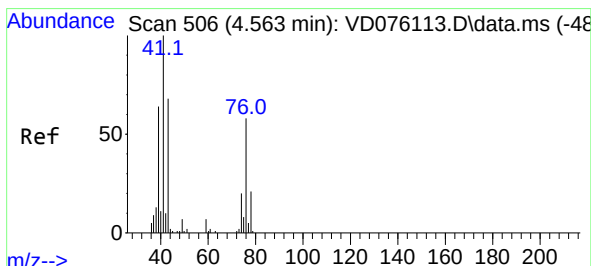
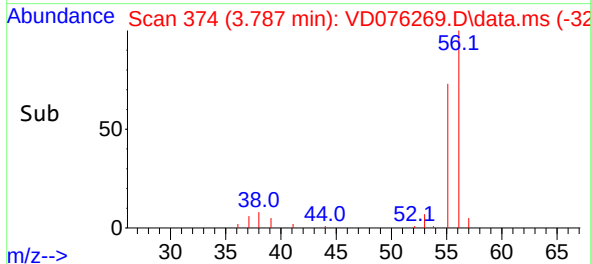
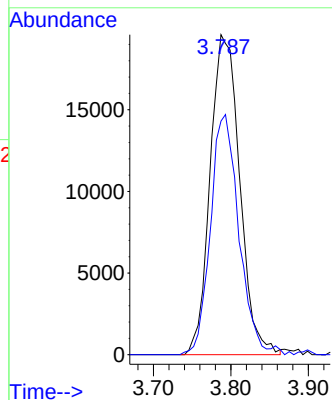
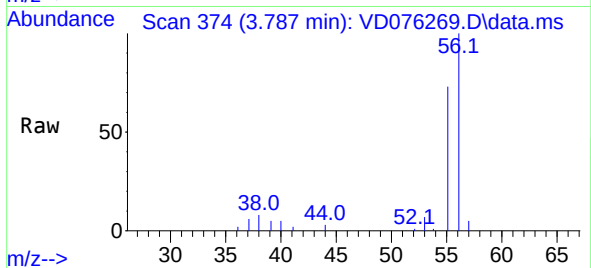




#13
Acrolein
Concen: 252.474 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

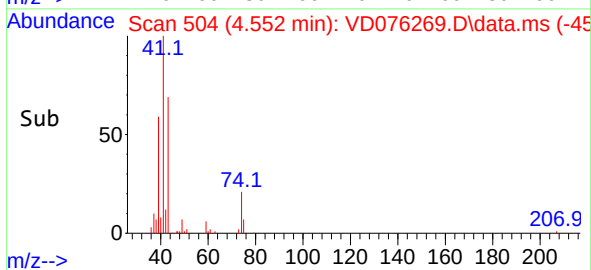
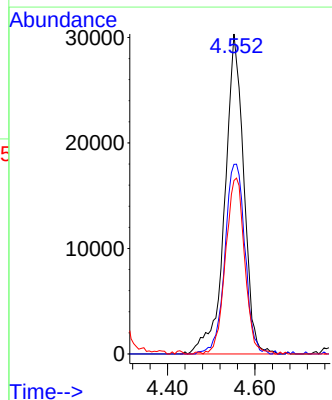
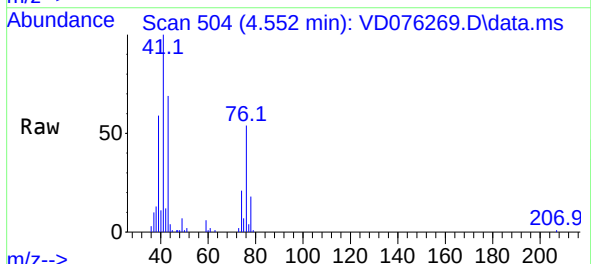
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

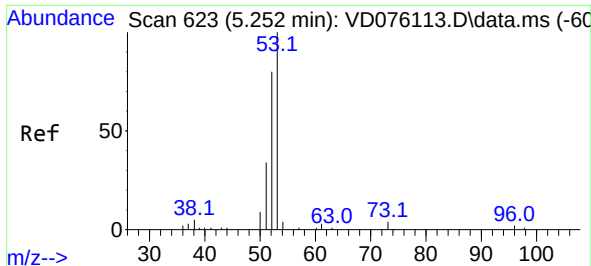
Tgt Ion: 56 Resp: 51998
Ion Ratio Lower Upper
56 100
55 72.3 53.9 80.9



#14
Allyl chloride
Concen: 50.592 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 41 Resp: 91342
Ion Ratio Lower Upper
41 100
39 62.7 60.6 90.8
76 55.4 28.6 43.0#



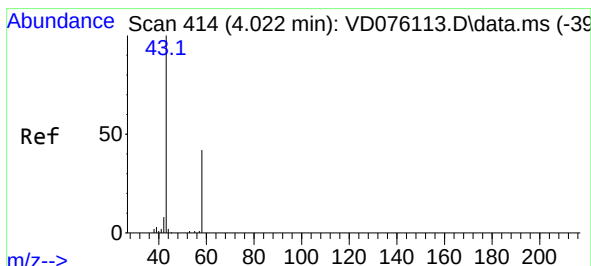
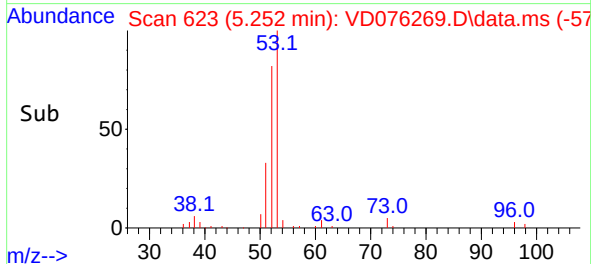
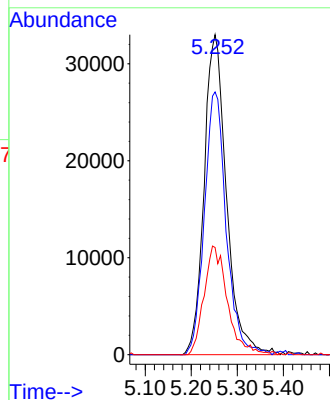
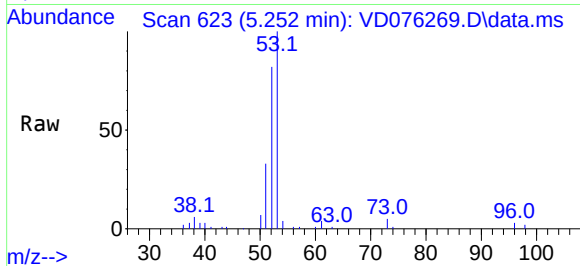


#15
Acrylonitrile
Concen: 301.659 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 111463

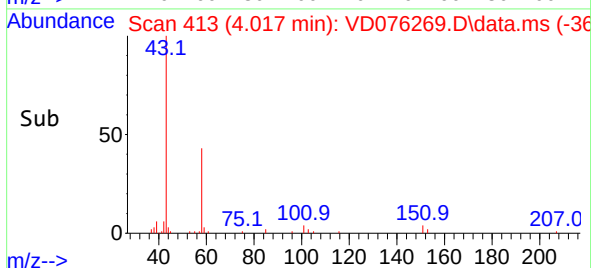
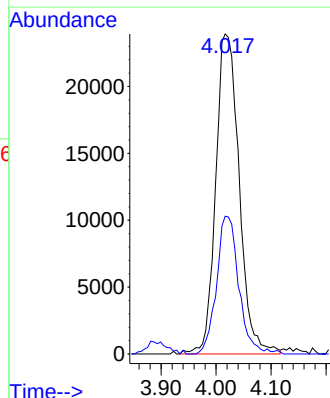
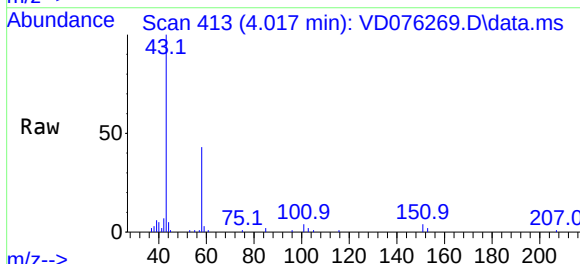
Ion	Ratio	Lower	Upper
53	100		
52	80.1	66.2	99.4
51	35.4	30.7	46.1

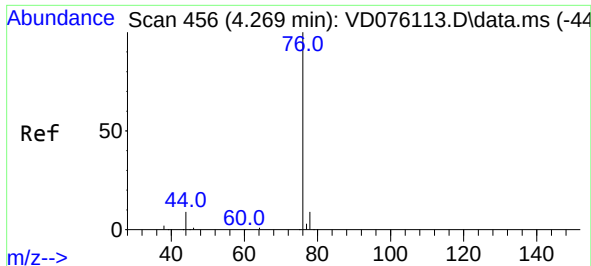


#16
Acetone
Concen: 224.063 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 43 Resp: 70919

Ion	Ratio	Lower	Upper
43	100		
58	43.0	24.4	36.6

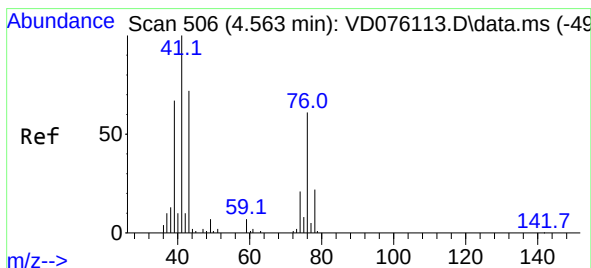
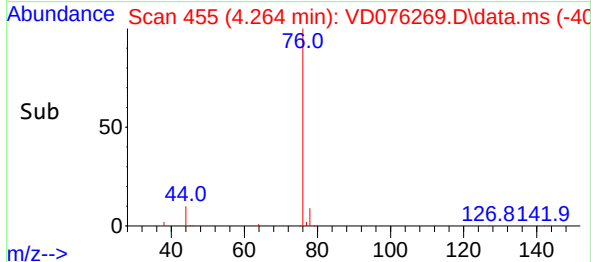
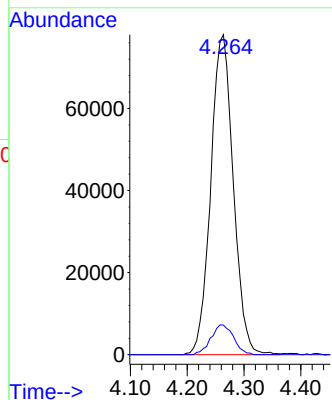
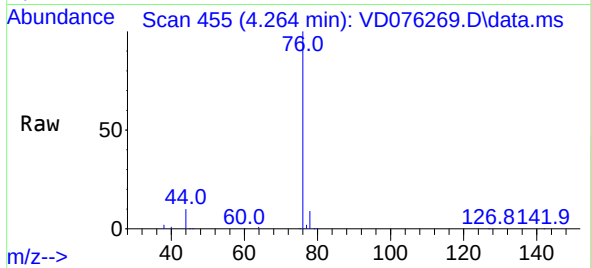




#17
Carbon Disulfide
Concen: 44.274 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

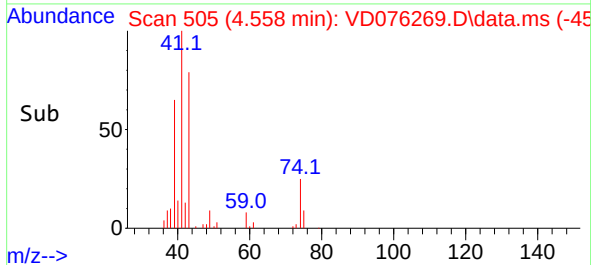
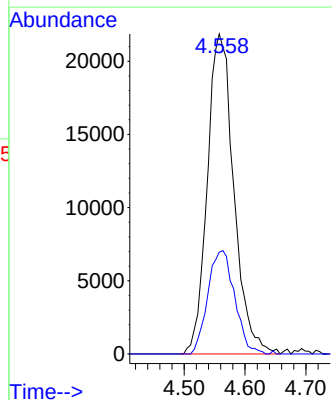
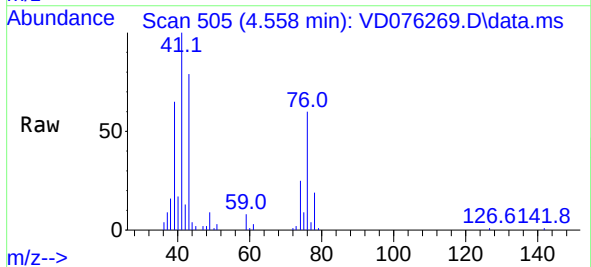
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

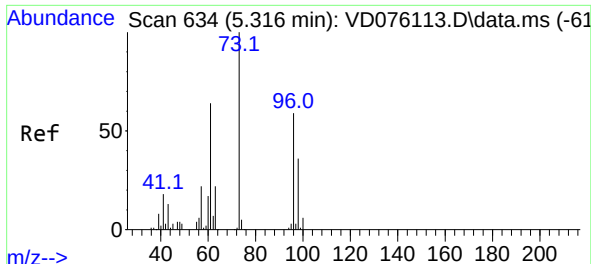
Tgt Ion: 76 Resp: 214721
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 58.621 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 43 Resp: 66187
Ion Ratio Lower Upper
43 100
74 32.6 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 56.779 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

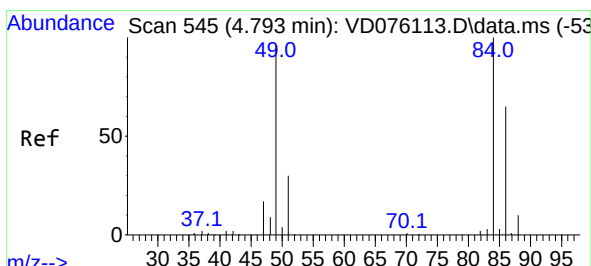
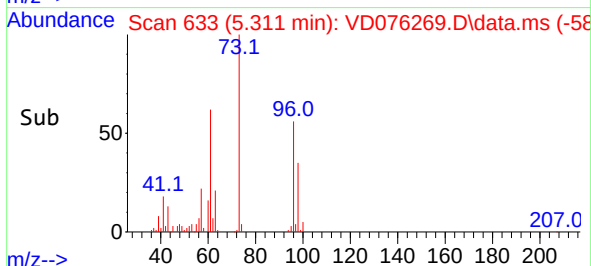
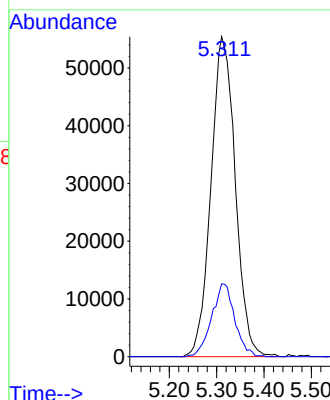
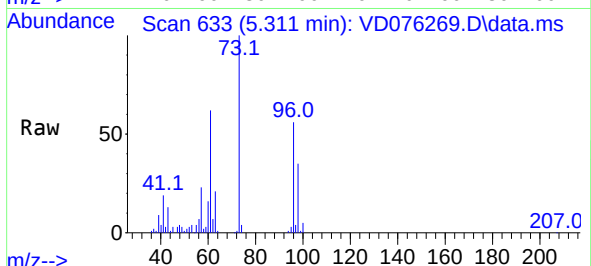
VSTDCCC050EC

Tgt Ion: 73 Resp: 197704

Ion Ratio Lower Upper

73 100

57 22.8 17.2 25.8



#20

Methylene Chloride

Concen: 49.553 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Tgt Ion: 84 Resp: 124236

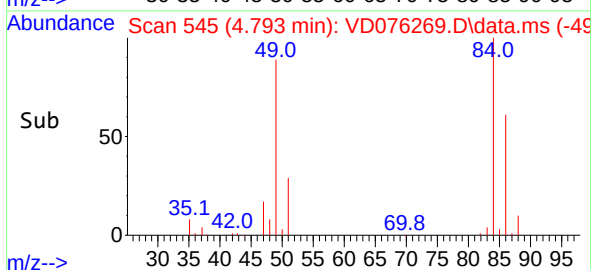
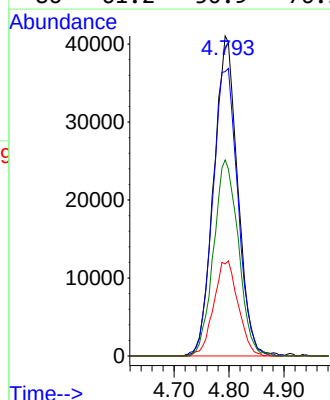
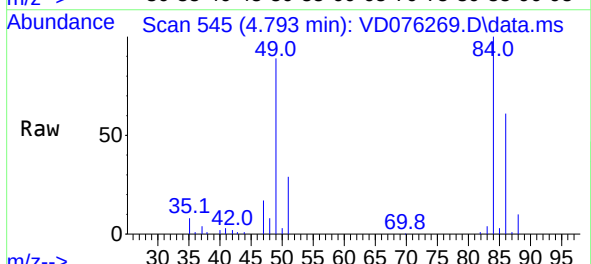
Ion Ratio Lower Upper

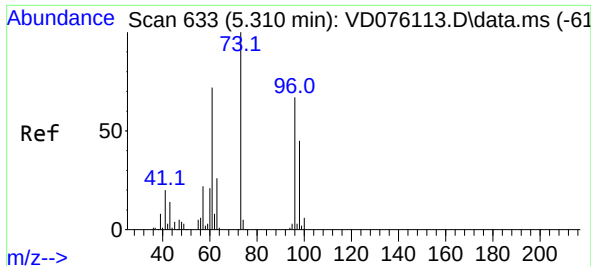
84 100

49 88.9 106.4 159.6#

51 28.8 32.4 48.6#

86 61.2 50.9 76.3

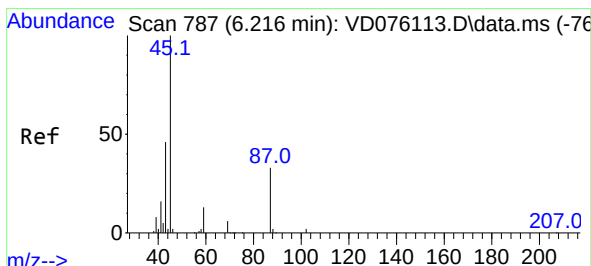
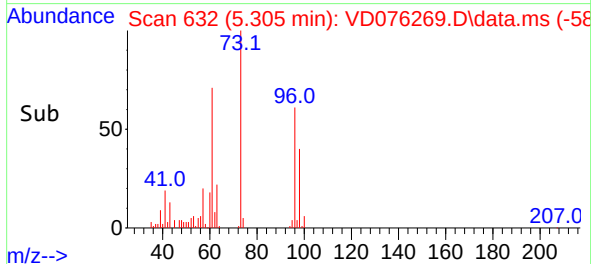
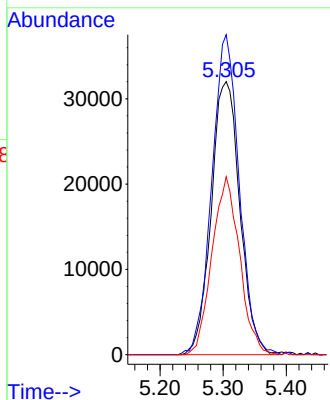
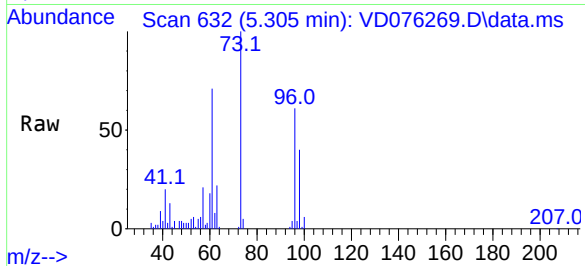




#21
trans-1,2-Dichloroethene
Concen: 49.289 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

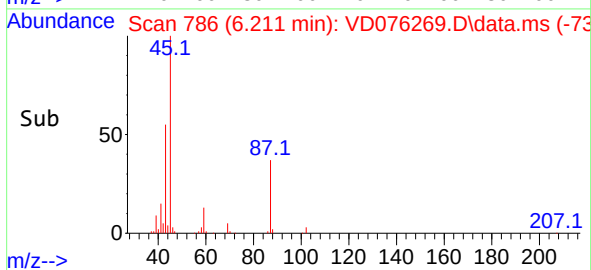
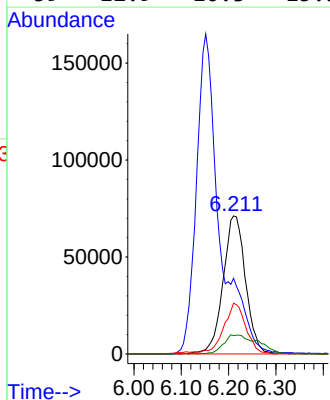
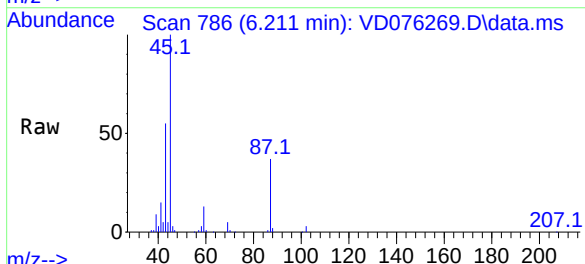
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

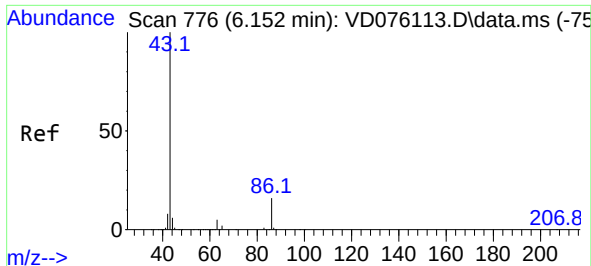
Tgt Ion: 96 Resp: 101058
Ion Ratio Lower Upper
96 100
61 117.1 117.2 175.8#
98 65.1 50.6 76.0



#22
Diisopropyl ether
Concen: 56.083 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 45 Resp: 235031
Ion Ratio Lower Upper
45 100
43 53.5 44.4 66.6
87 36.5 20.9 31.3#
59 12.9 10.3 15.5

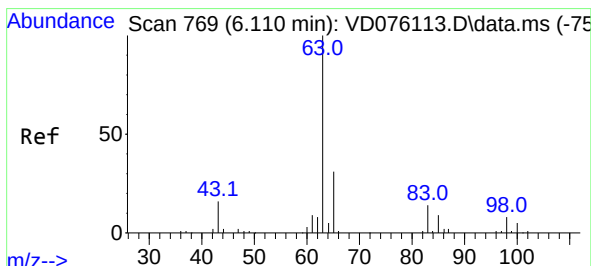
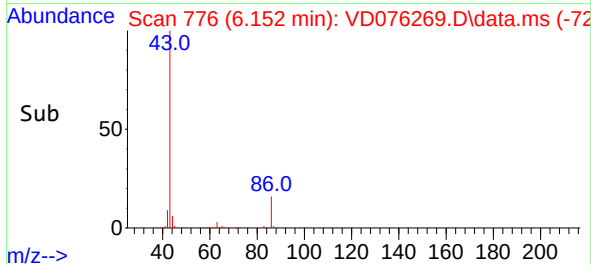
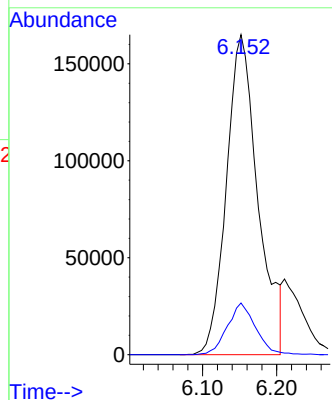
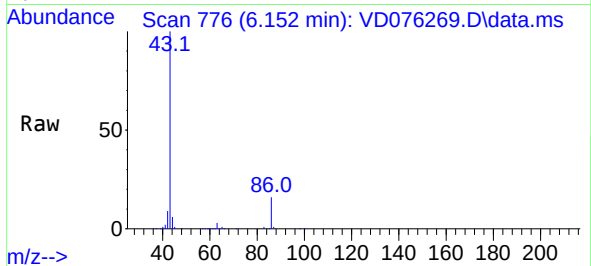




#23
 Vinyl Acetate
 Concen: 296.614 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

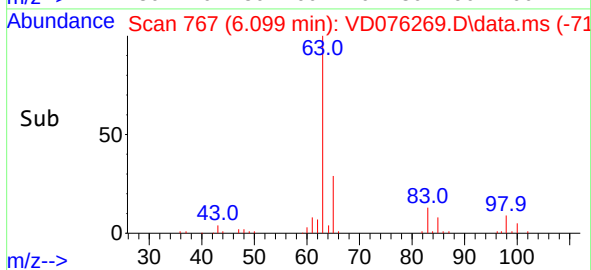
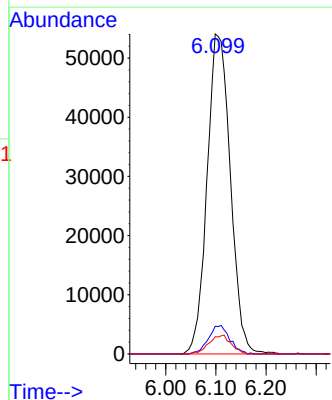
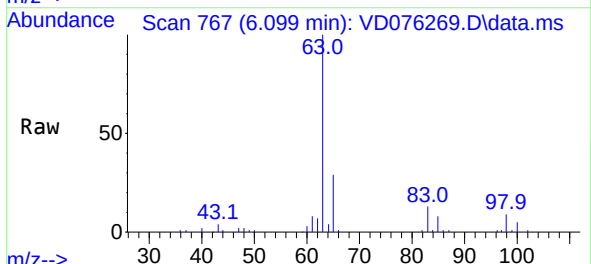
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

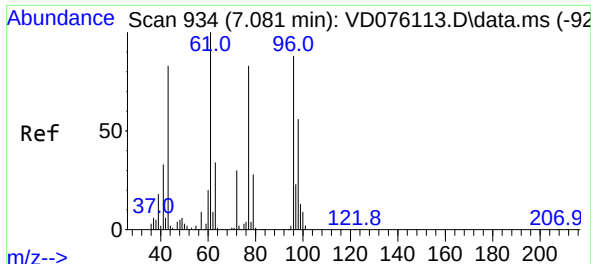
Tgt Ion: 43 Resp: 488753
 Ion Ratio Lower Upper
 43 100
 86 16.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 52.857 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.011 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

Tgt Ion: 63 Resp: 174696
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.4 2.0 6.0

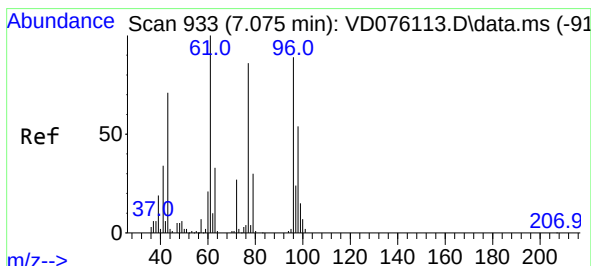
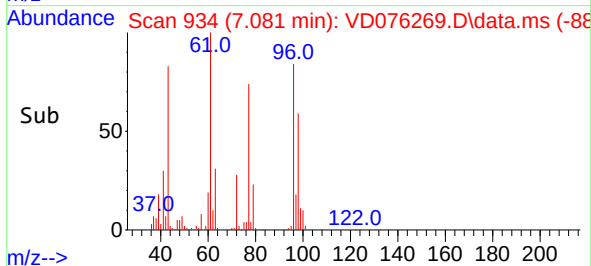
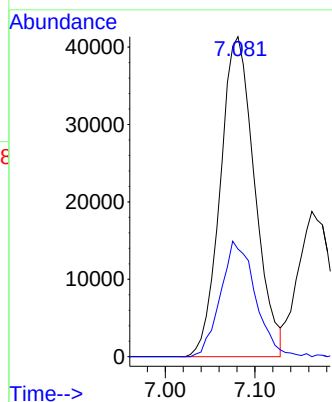
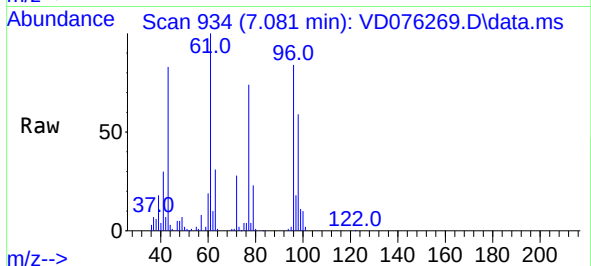




#25
2-Butanone
Concen: 276.637 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

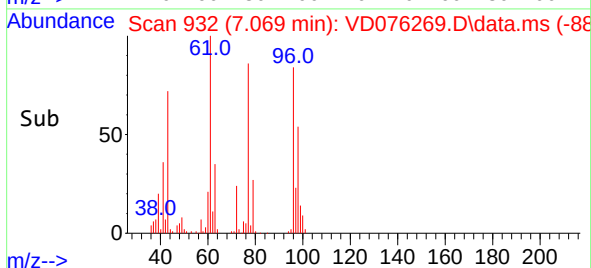
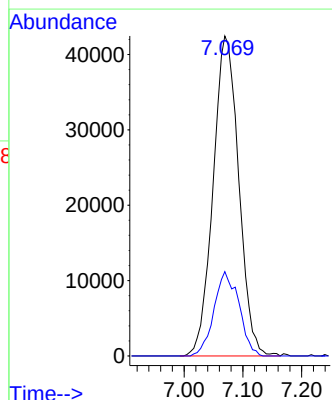
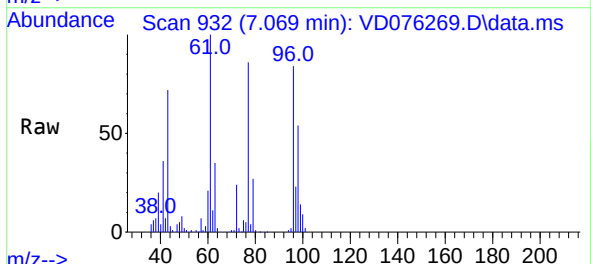
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

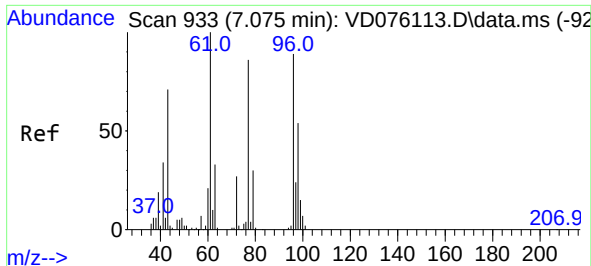
Tgt Ion: 43 Resp: 110094
Ion Ratio Lower Upper
43 100
72 33.7 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 47.712 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 77 Resp: 128580
Ion Ratio Lower Upper
77 100
97 25.7 11.1 33.1



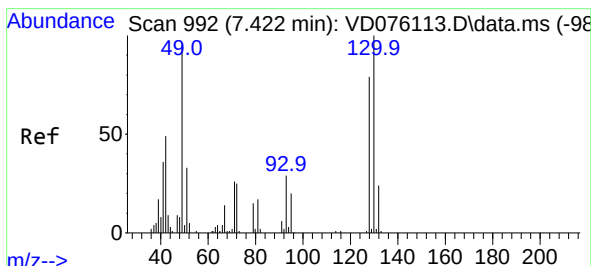
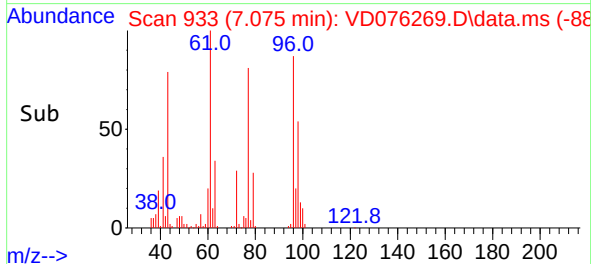
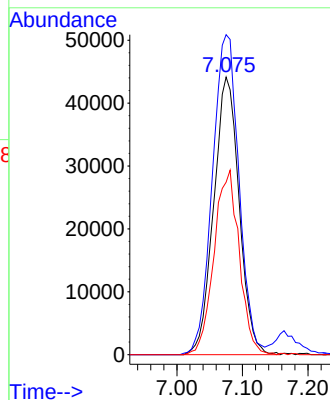
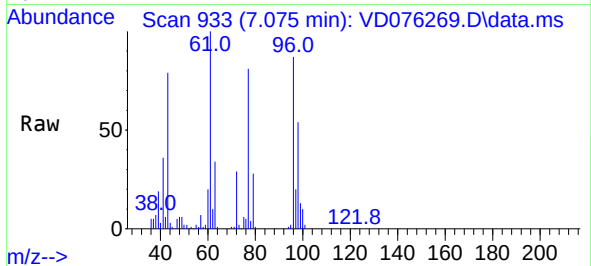


#27
 cis-1,2-Dichloroethene
 Concen: 52.251 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 118882

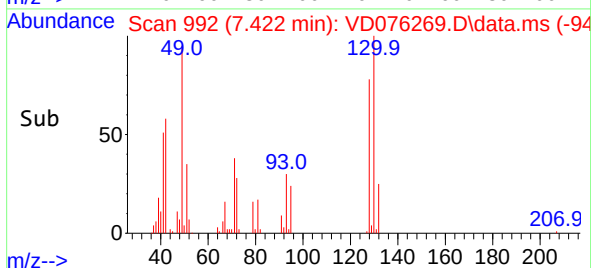
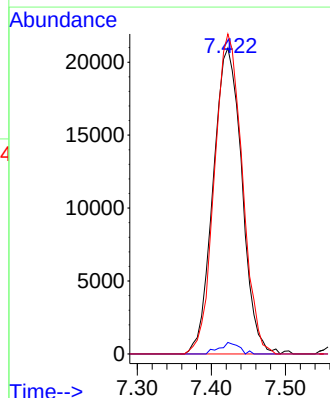
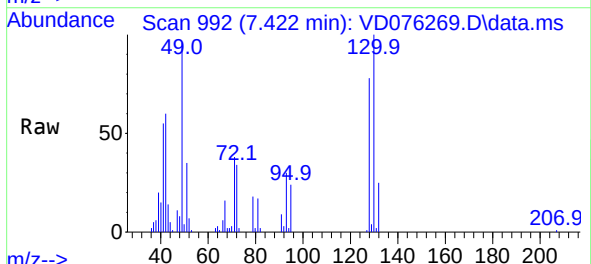
Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	295.2
98	65.8	0.0	129.2

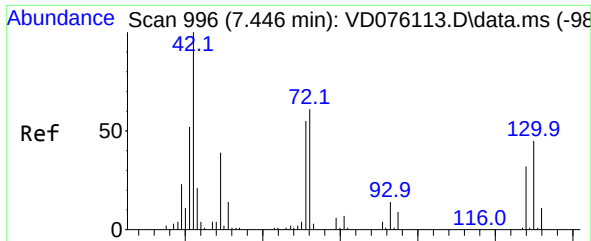


#28
 Bromochloromethane
 Concen: 51.206 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

Tgt Ion: 49 Resp: 56431

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	101.4	56.0	84.0#





#29

Tetrahydrofuran

Concen: 300.833 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076269.D

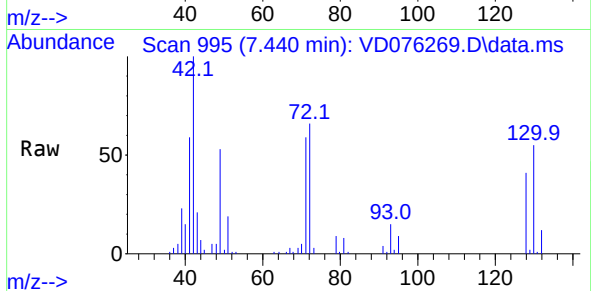
Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



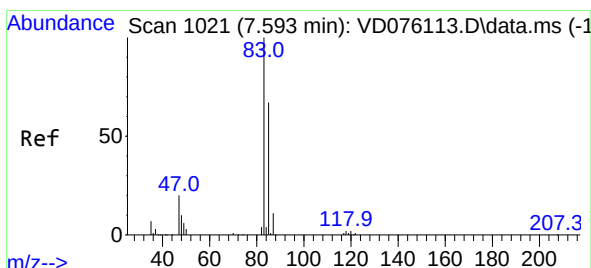
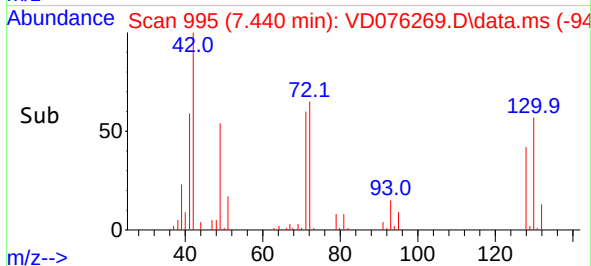
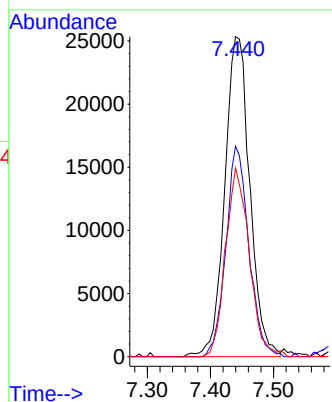
Tgt Ion: 42 Resp: 69782

Ion Ratio Lower Upper

42 100

72 60.3 31.8 47.6#

71 56.0 27.6 41.4#



#30

Chloroform

Concen: 52.170 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076269.D

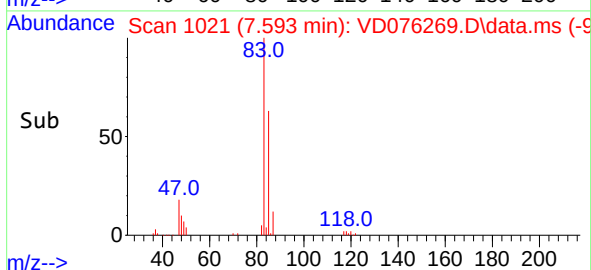
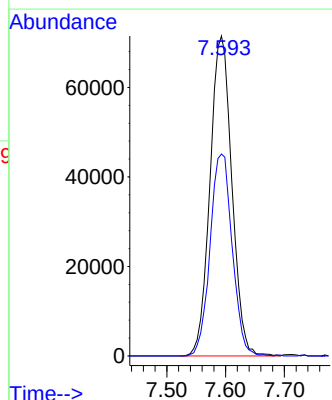
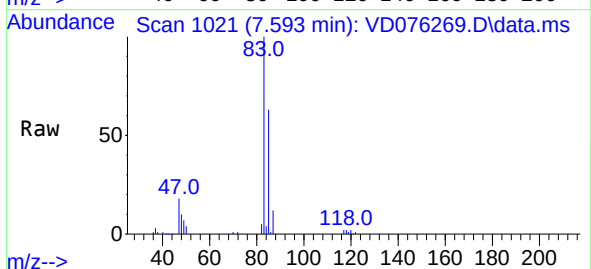
Acq: 26 May 2023 20:40

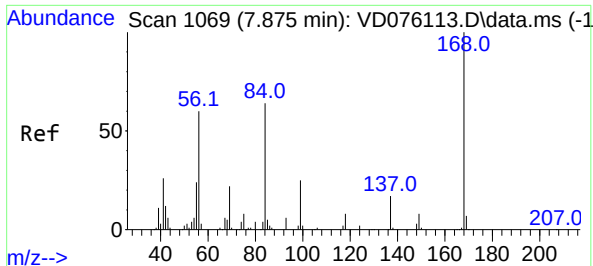
Tgt Ion: 83 Resp: 184391

Ion Ratio Lower Upper

83 100

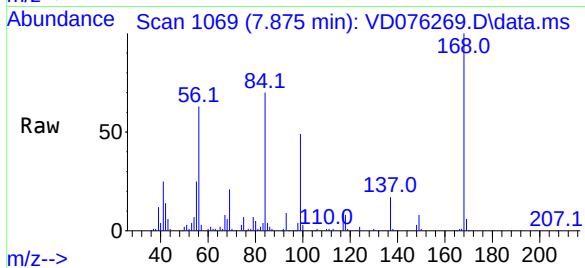
85 63.1 49.4 74.2



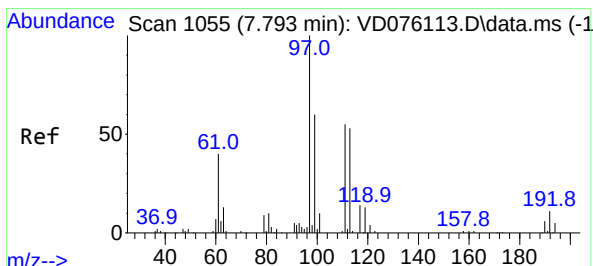
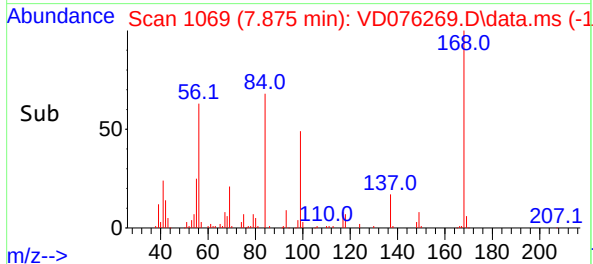
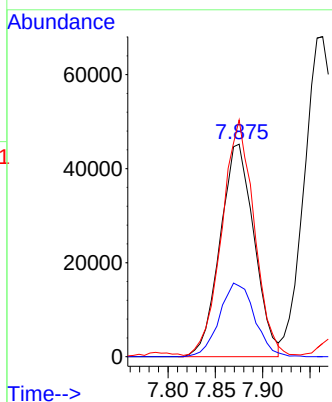


#31
Cyclohexane
Concen: 46.355 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

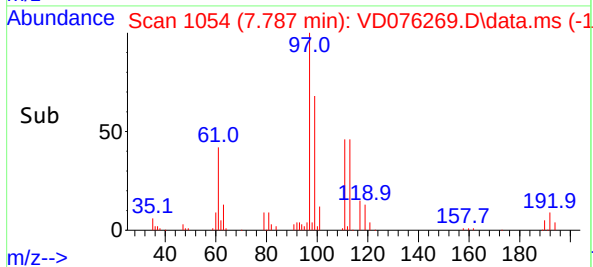
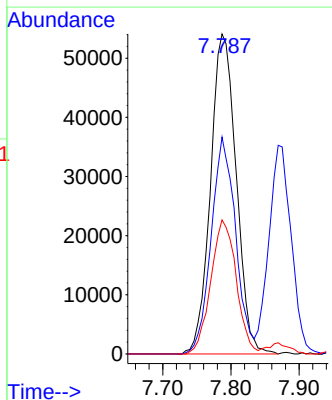
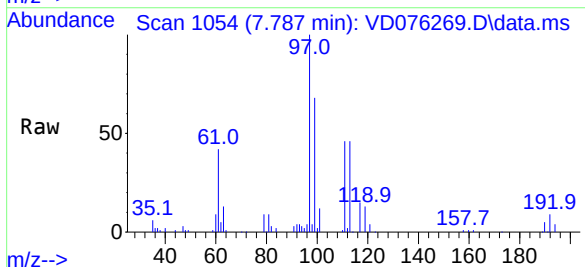


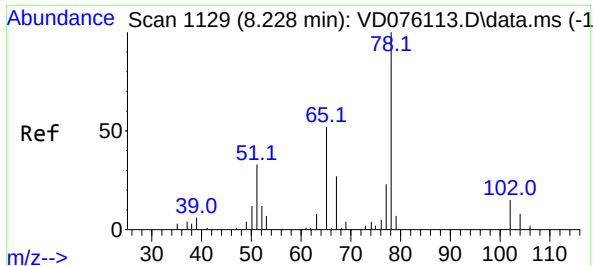
Tgt Ion: 56 Resp: 112938
Ion Ratio Lower Upper
56 100
69 33.3 25.5 38.3
84 110.2 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 50.404 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 97 Resp: 141970
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 41.5 36.6 55.0

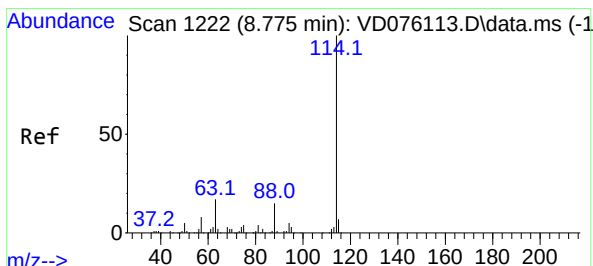
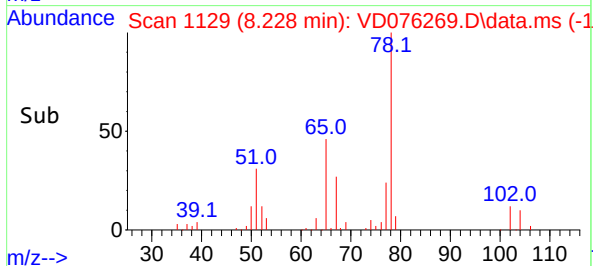
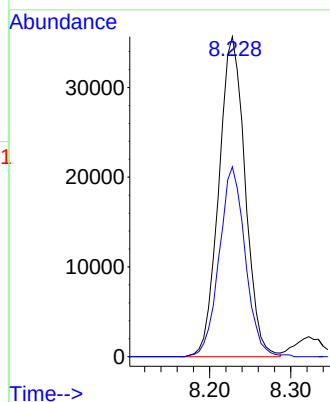
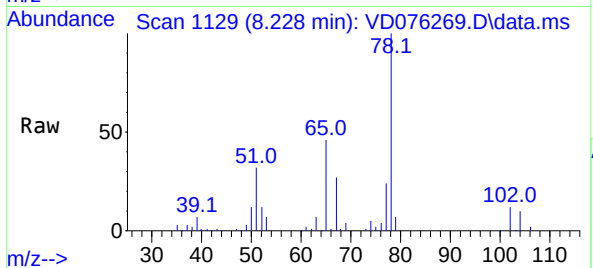




#33
1,2-Dichloroethane-d4
Concen: 50.474 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

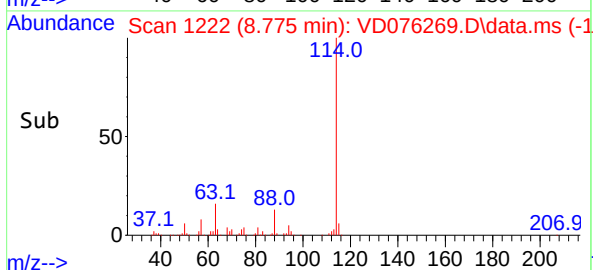
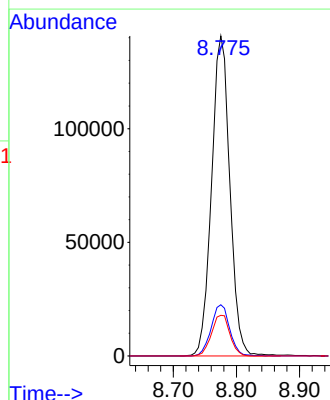
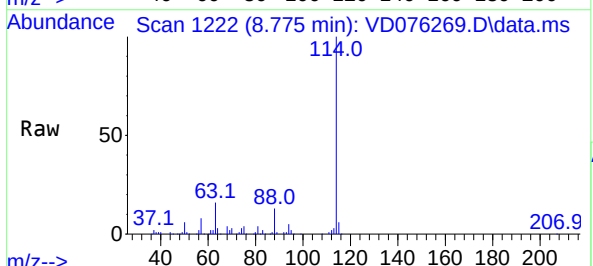
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

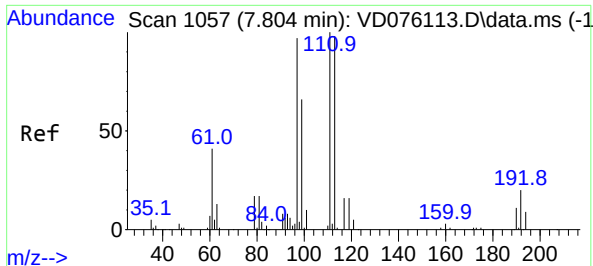
Tgt Ion: 65 Resp: 80295
Ion Ratio Lower Upper
65 100
67 58.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:114 Resp: 283312
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 12.7 0.0 30.6

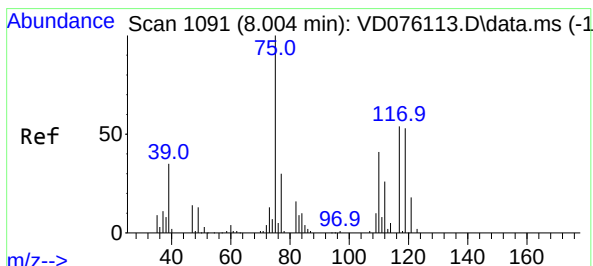
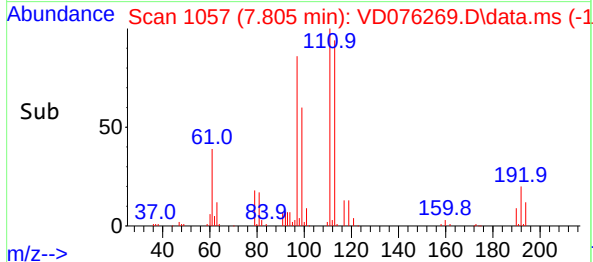
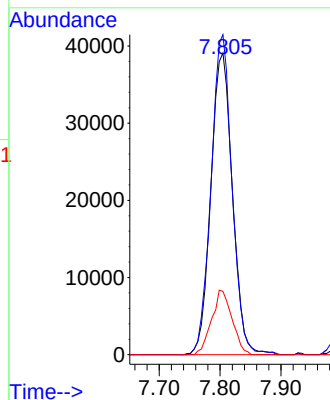
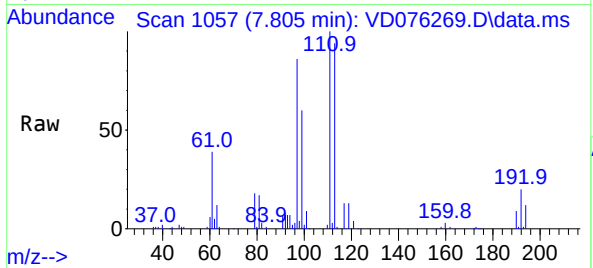




#35
Dibromofluoromethane
Concen: 49.106 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

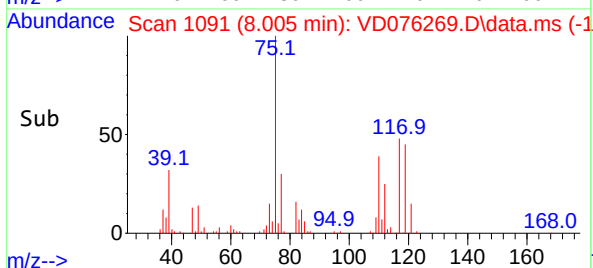
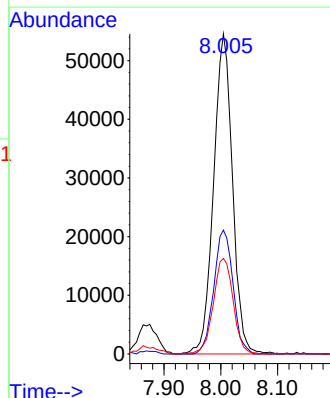
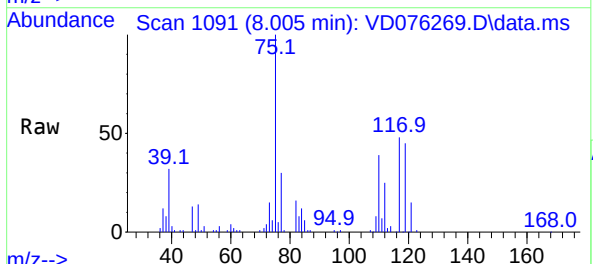
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

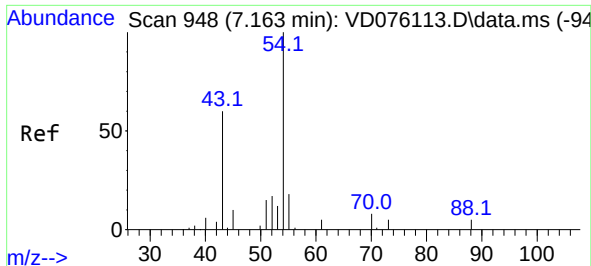
Tgt Ion:113 Resp: 96164
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 20.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 47.588 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 75 Resp: 125860
Ion Ratio Lower Upper
75 100
110 39.4 17.1 51.2
77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 55.528 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

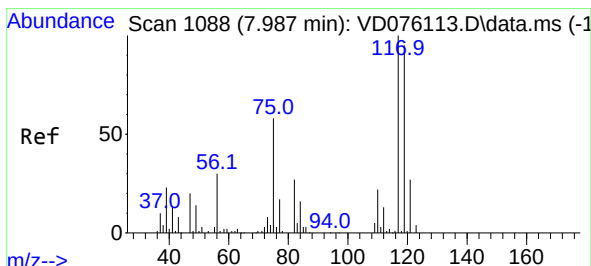
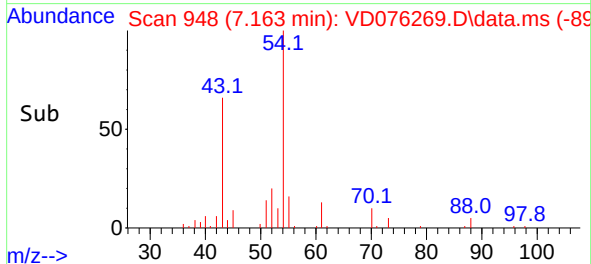
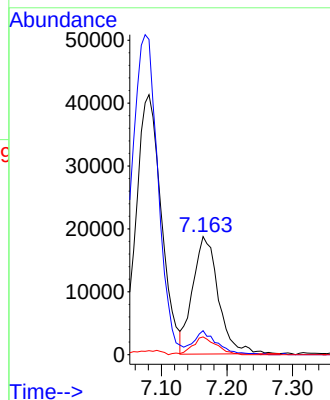
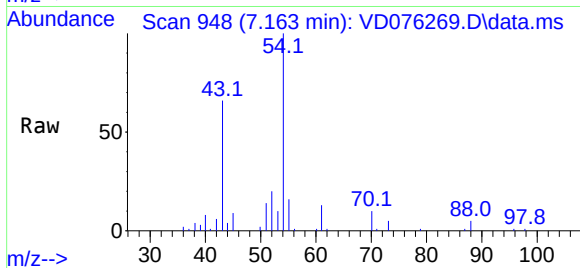
Tgt Ion: 43 Resp: 50855

Ion Ratio Lower Upper

43 100

61 18.9 0.0 0.0#

70 14.1 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 47.419 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

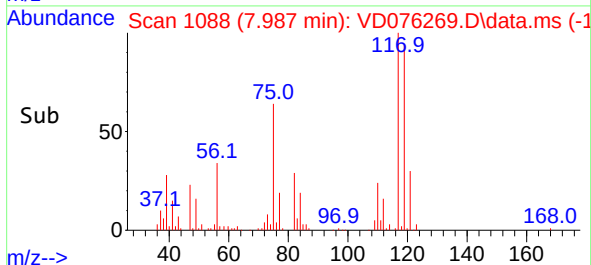
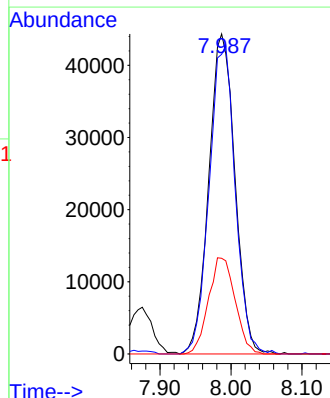
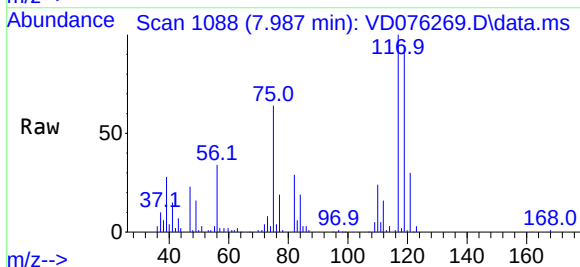
Tgt Ion: 117 Resp: 113281

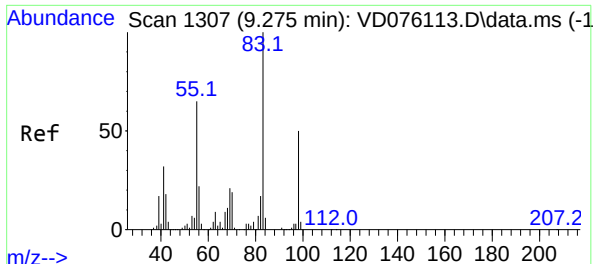
Ion Ratio Lower Upper

117 100

119 93.6 74.7 112.1

121 29.9 25.9 38.9





#39

Methylcyclohexane

Concen: 45.690 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

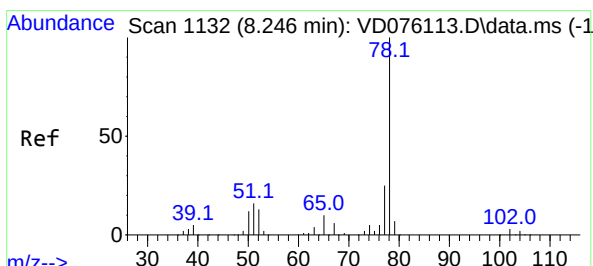
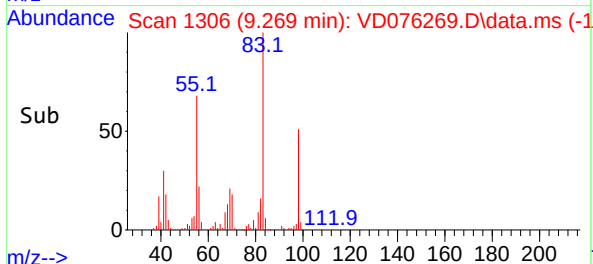
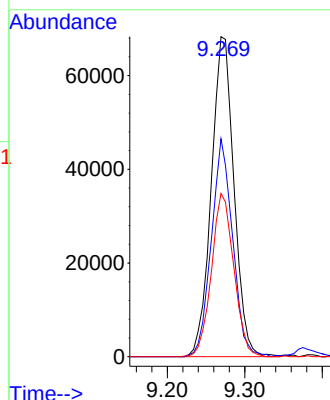
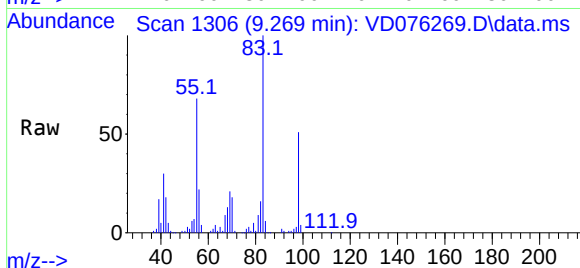
Tgt Ion: 83 Resp: 139124

Ion Ratio Lower Upper

83 100

55 68.1 56.8 85.2

98 51.0 38.9 58.3



#40

Benzene

Concen: 47.847 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076269.D

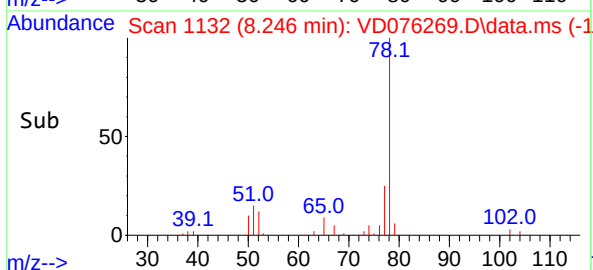
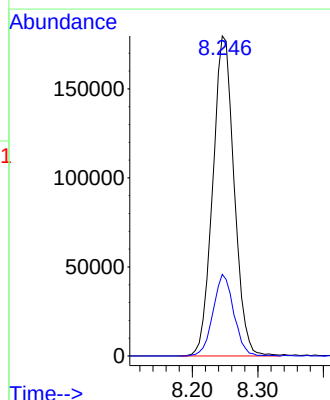
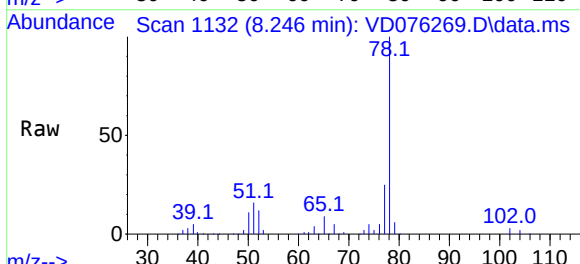
Acq: 26 May 2023 20:40

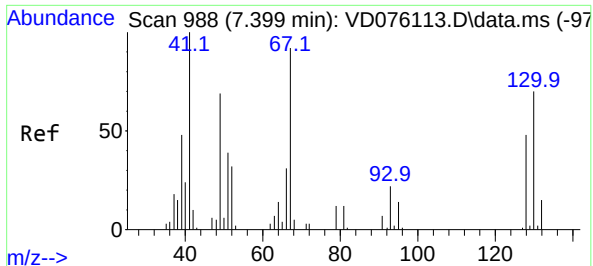
Tgt Ion: 78 Resp: 406849

Ion Ratio Lower Upper

78 100

77 25.5 19.1 28.7

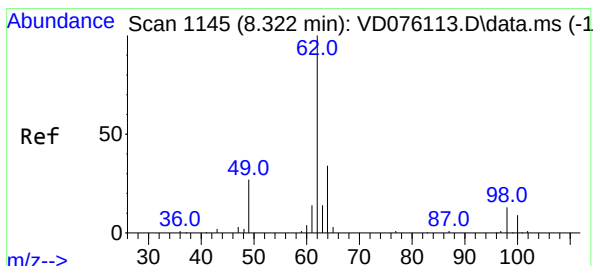
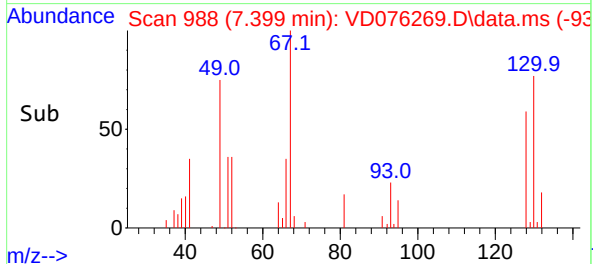
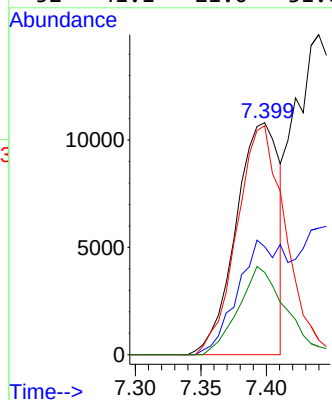
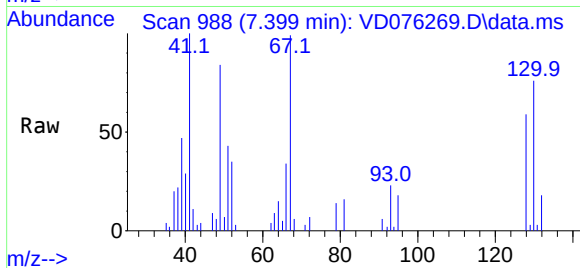




#41
Methacrylonitrile
Concen: 49.405 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

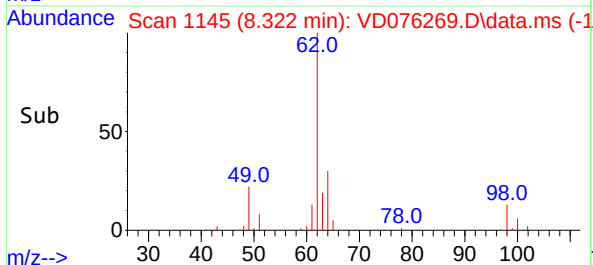
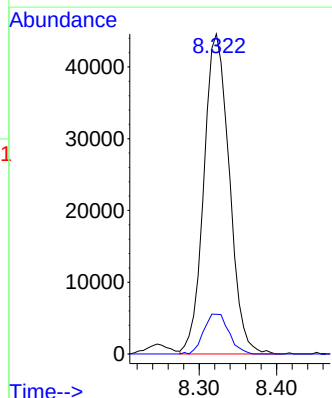
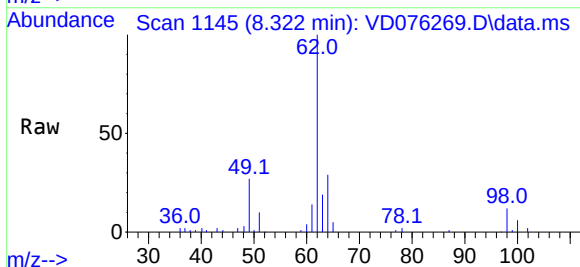
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

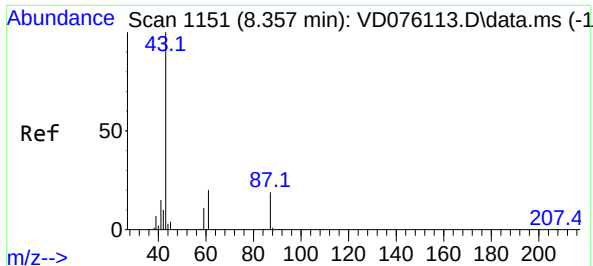
Tgt Ion: 41 Resp: 24810
Ion Ratio Lower Upper
41 100
39 53.8 45.3 67.9
67 110.9 50.5 75.7#
52 41.1 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 50.596 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 62 Resp: 101759
Ion Ratio Lower Upper
62 100
98 12.3 0.0 18.8

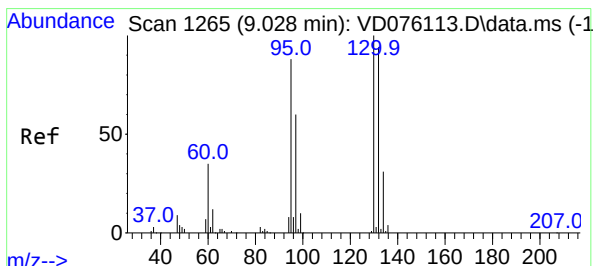
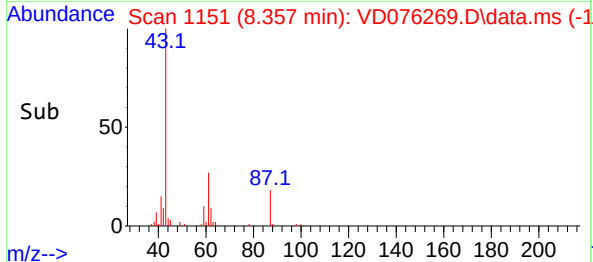
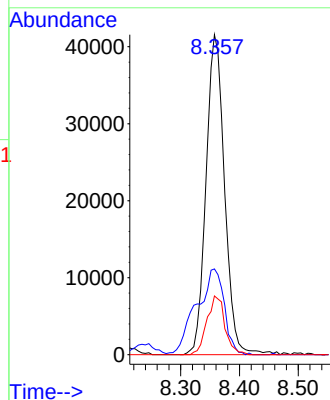
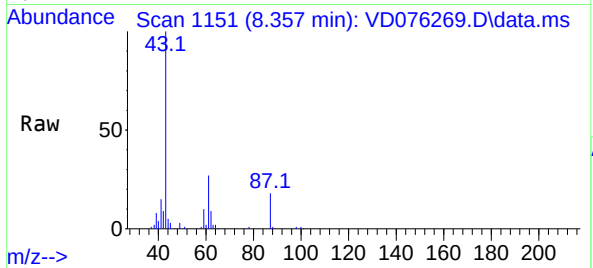




#43
Isopropyl Acetate
Concen: 53.313 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

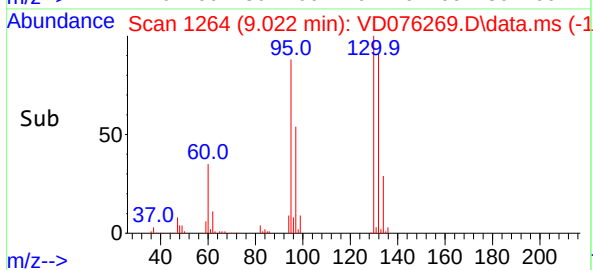
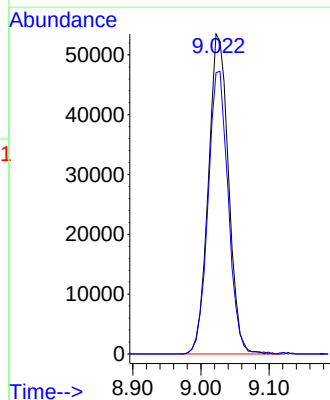
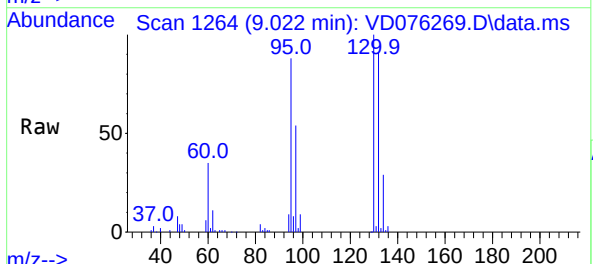
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

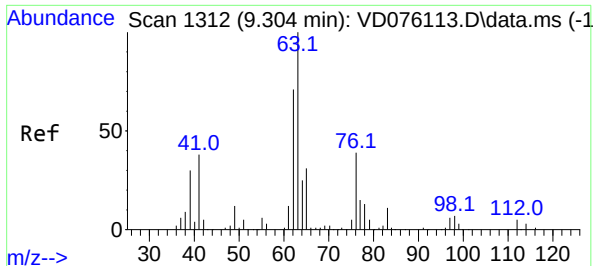
Tgt Ion: 43 Resp: 91209
Ion Ratio Lower Upper
43 100
61 40.1 23.4 35.0#
87 17.8 9.5 14.3#



#44
Trichloroethene
Concen: 45.981 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:130 Resp: 110187
Ion Ratio Lower Upper
130 100
95 87.9 0.0 197.6

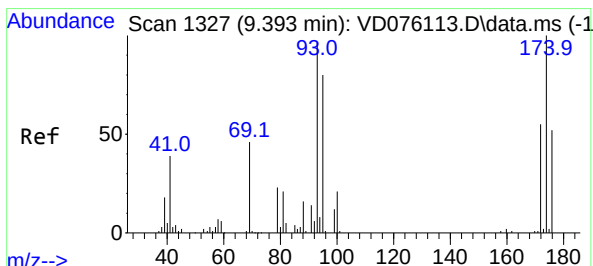
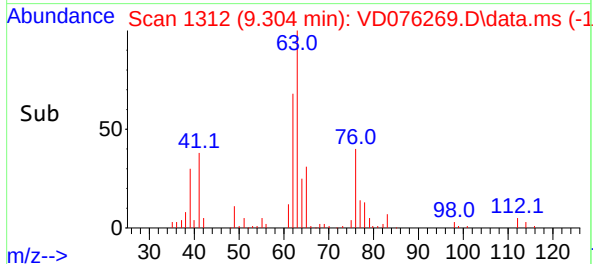
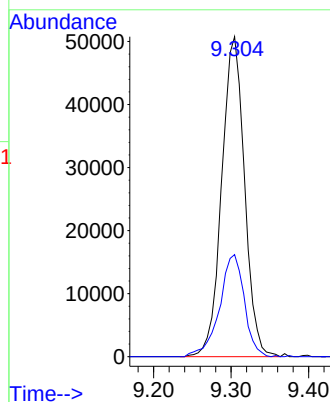
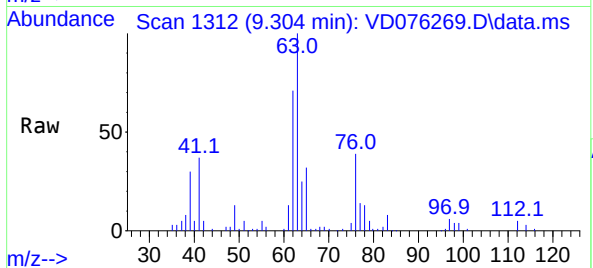




#45
1,2-Dichloropropane
Concen: 49.577 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

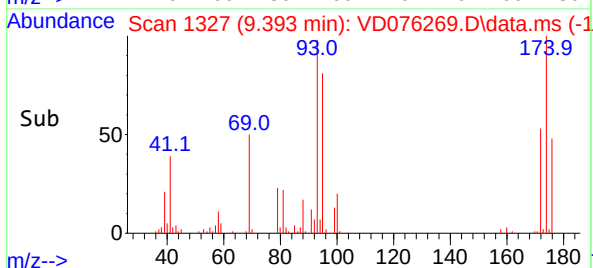
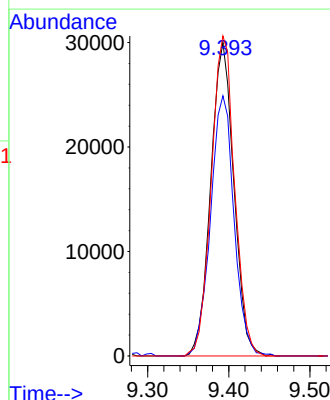
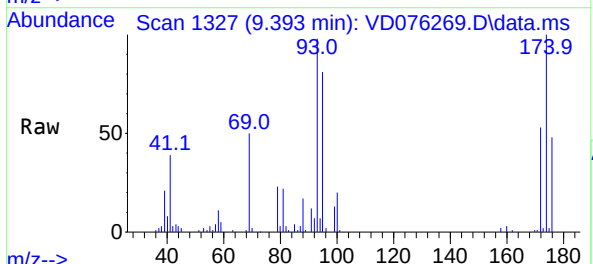
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

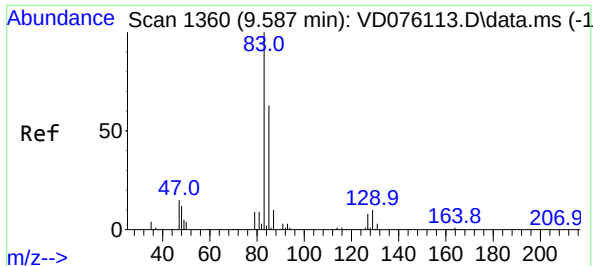
Tgt Ion: 63 Resp: 103981
Ion Ratio Lower Upper
63 100
65 31.9 23.0 34.4



#46
Dibromomethane
Concen: 50.488 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 93 Resp: 59355
Ion Ratio Lower Upper
93 100
95 84.5 64.5 96.7
174 102.8 76.2 114.4

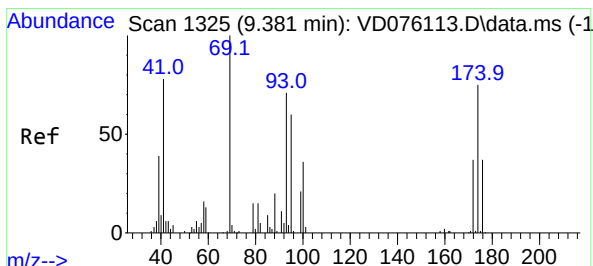
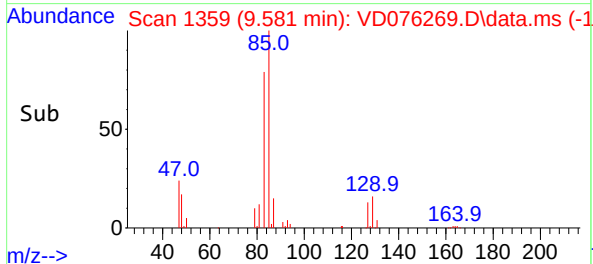
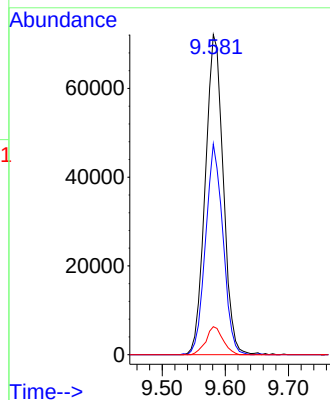
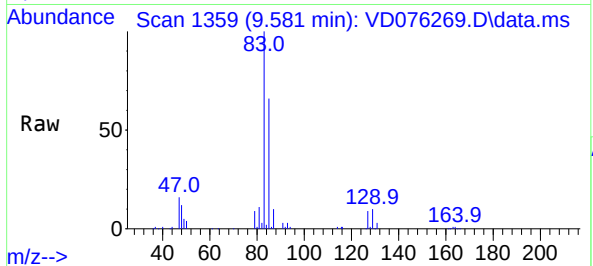




#47
Bromodichloromethane
Concen: 50.400 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

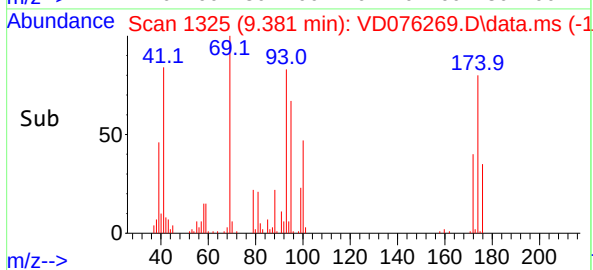
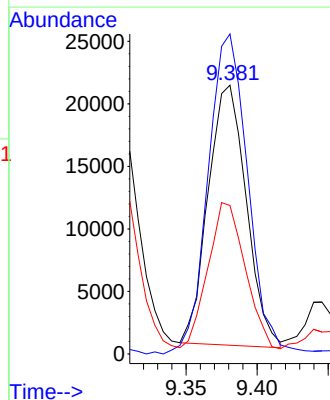
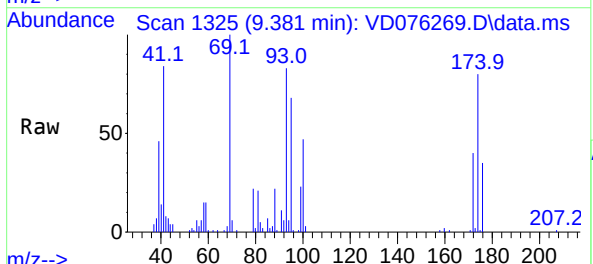
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

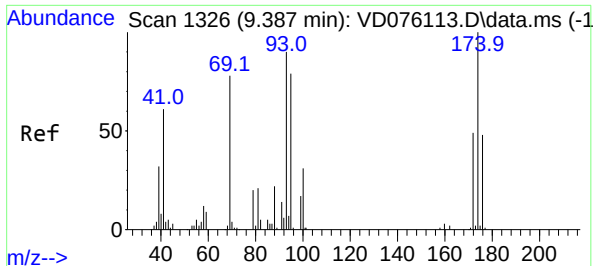
Tgt Ion: 83 Resp: 142403
Ion Ratio Lower Upper
83 100
85 65.9 53.7 80.5
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 51.235 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 41 Resp: 38794
Ion Ratio Lower Upper
41 100
69 129.4 58.6 88.0#
39 59.4 53.4 80.0





#49

1,4-Dioxane

Concen: 1223.702 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

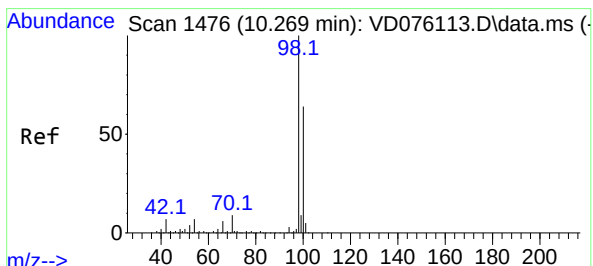
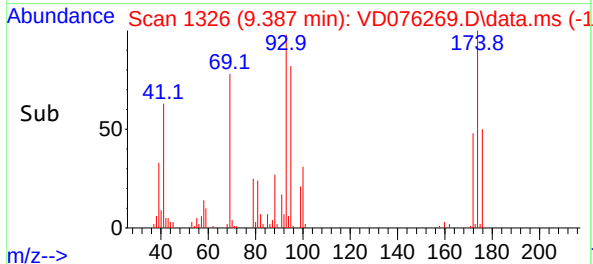
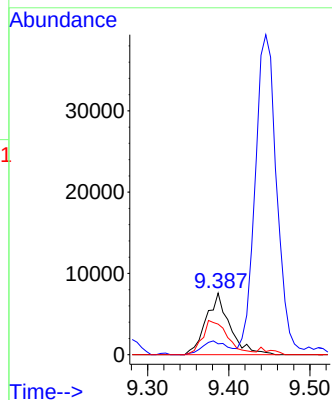
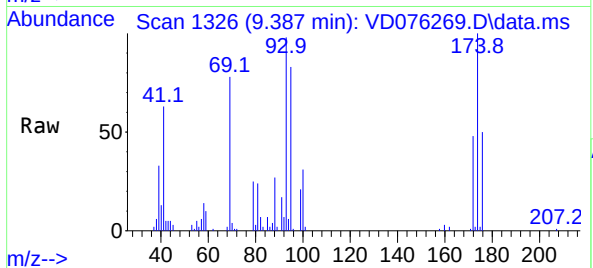
Tgt Ion: 88 Resp: 15384

Ion Ratio Lower Upper

88 100

43 24.3 34.6 51.8#

58 59.3 58.0 87.0



#50

Toluene-d8

Concen: 46.442 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076269.D

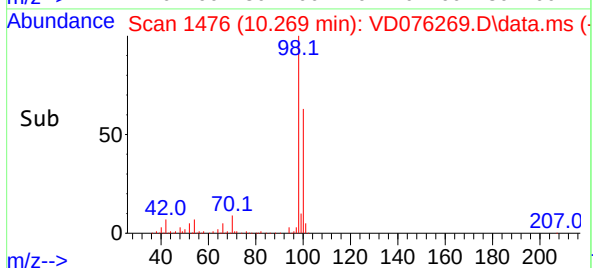
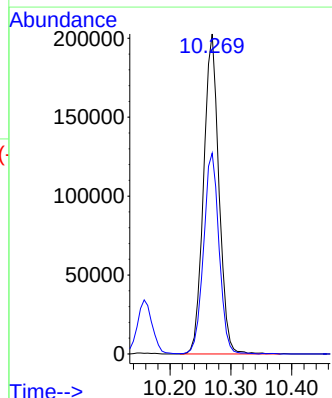
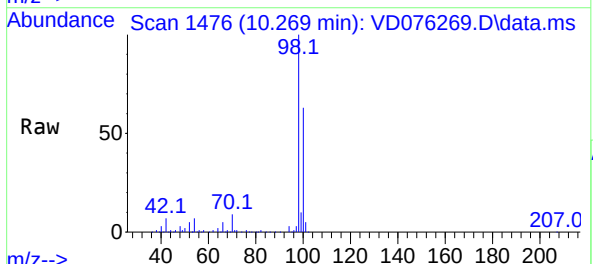
Acq: 26 May 2023 20:40

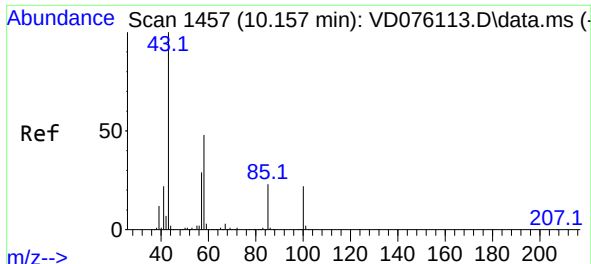
Tgt Ion: 98 Resp: 354537

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

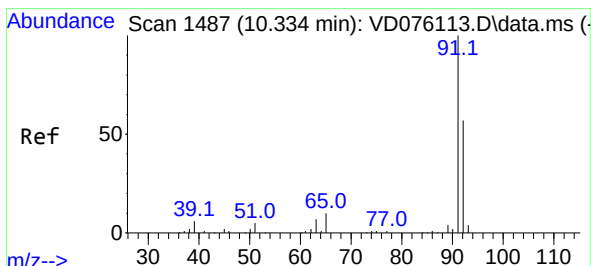
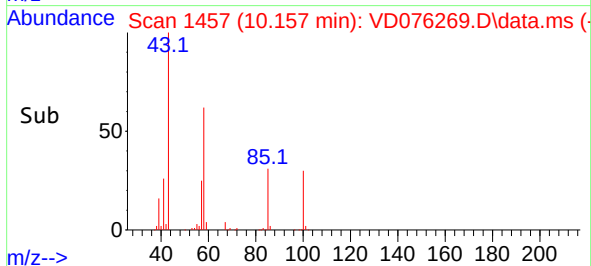
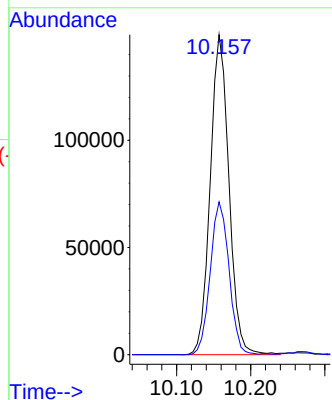
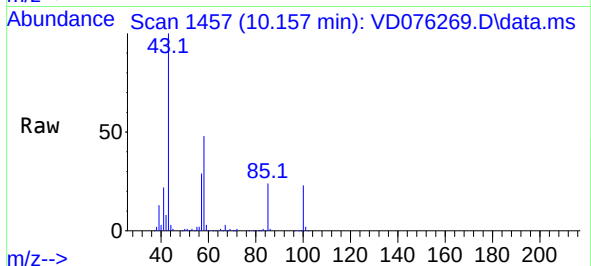




#51
4-Methyl-2-Pentanone
Concen: 287.614 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

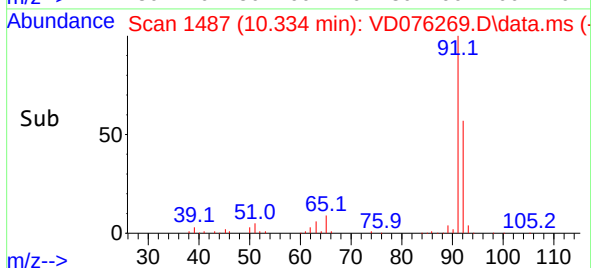
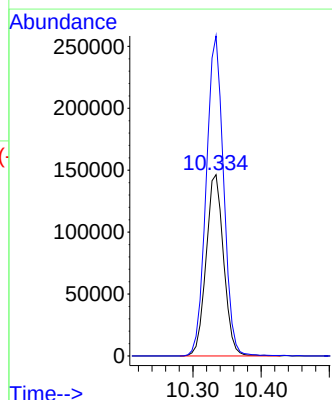
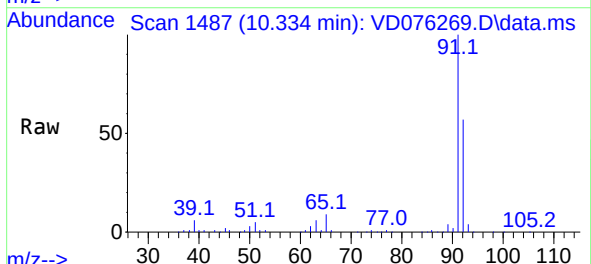
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

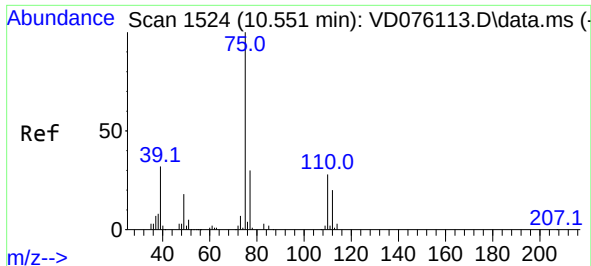
Tgt Ion: 43 Resp: 261698
Ion Ratio Lower Upper
43 100
58 47.8 29.5 44.3#



#52
Toluene
Concen: 49.285 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 92 Resp: 261736
Ion Ratio Lower Upper
92 100
91 175.2 136.5 204.7

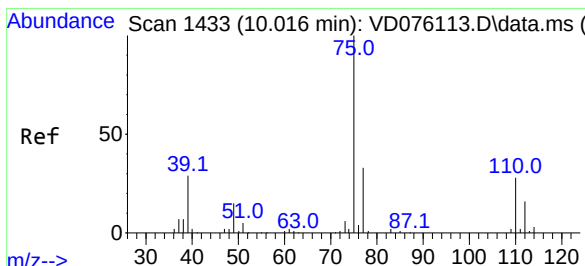
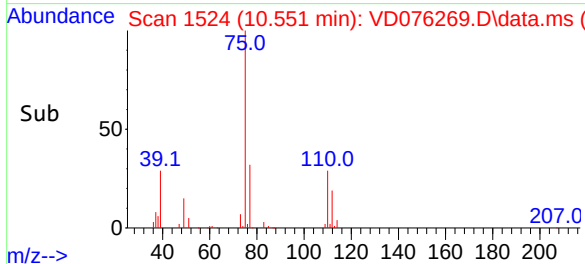
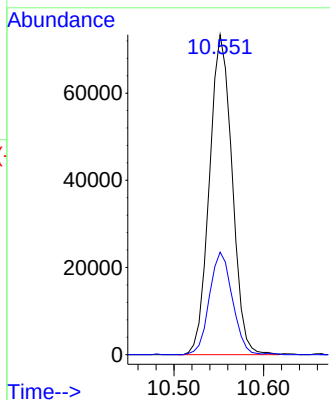
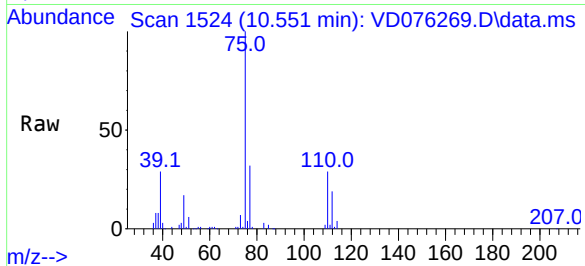




#53
t-1,3-Dichloropropene
Concen: 50.644 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

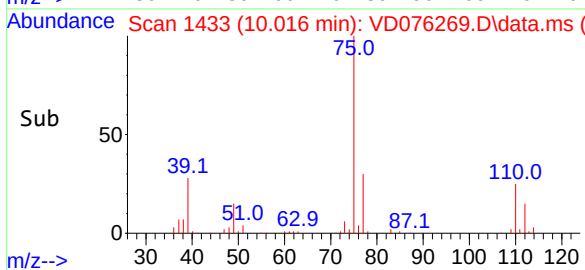
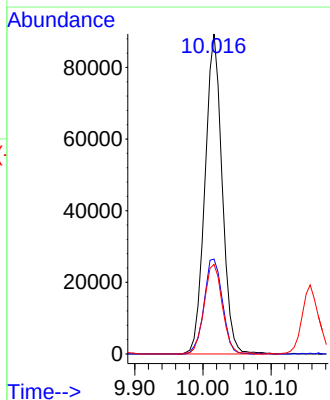
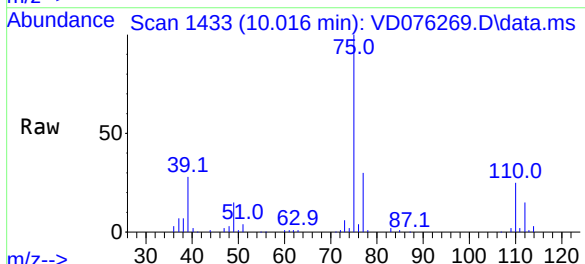
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

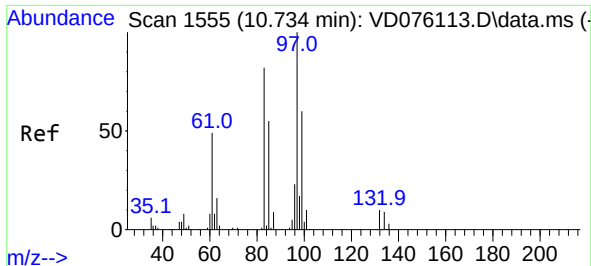
Tgt Ion: 75 Resp: 128966
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 50.271 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 75 Resp: 156228
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4
39 28.0 44.8 67.2#

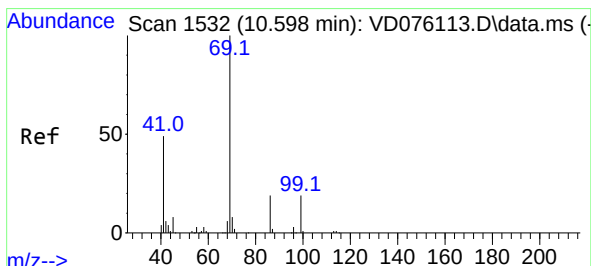
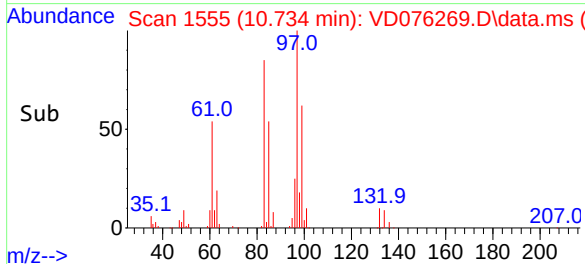
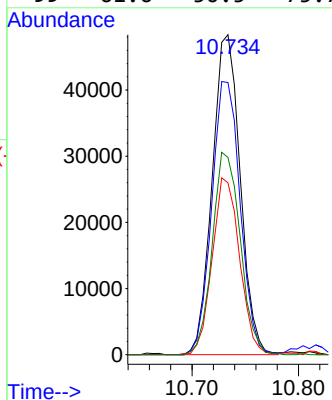
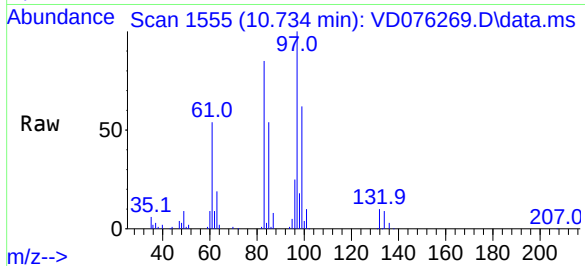




#55
1,1,2-Trichloroethane
Concen: 52.376 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

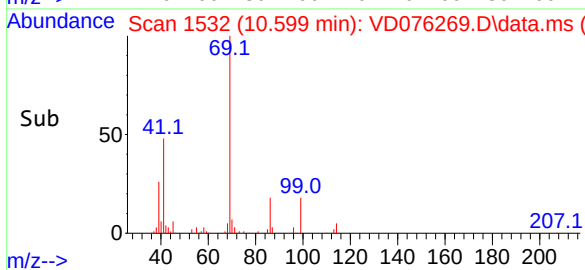
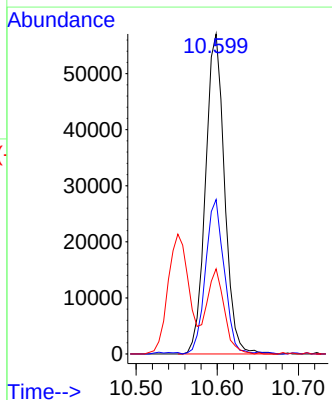
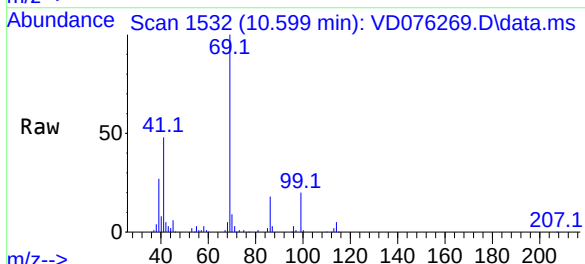
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

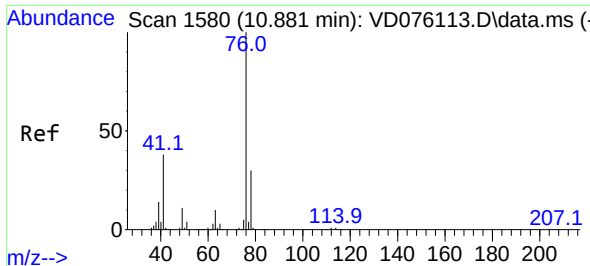
Tgt Ion: 97	Resp: 88300
Ion Ratio	Lower Upper
97 100	
83 85.1	74.2 111.4
85 53.7	45.4 68.0
99 61.6	50.5 75.7



#56
Ethyl methacrylate
Concen: 54.751 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 69	Resp: 92779
Ion Ratio	Lower Upper
69 100	
41 47.6	59.3 88.9#
39 25.1	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 51.792 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

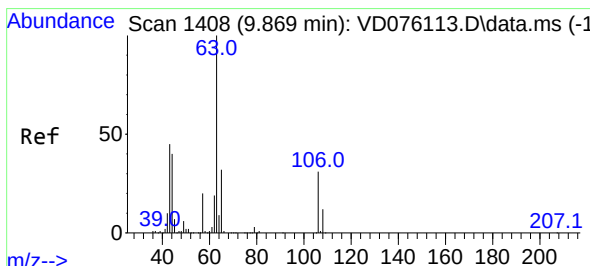
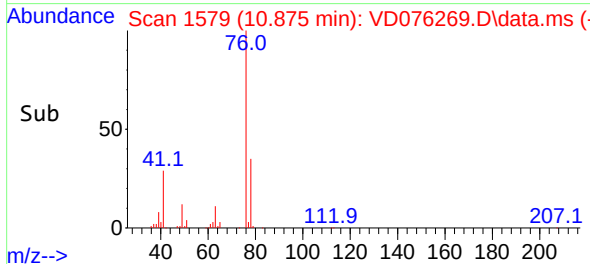
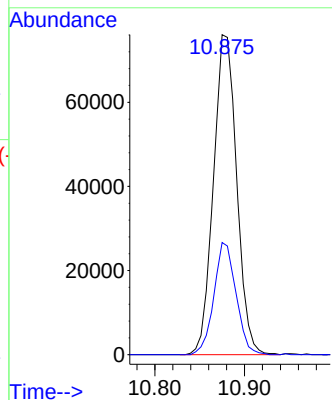
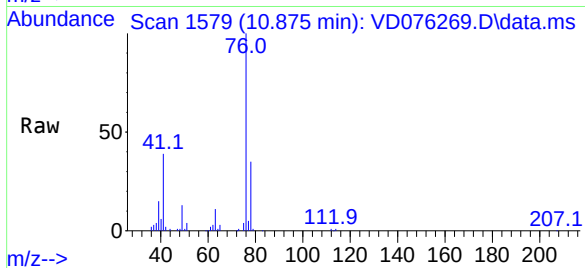
VSTDCCC050EC

Tgt Ion: 76 Resp: 136988

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.962 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076269.D

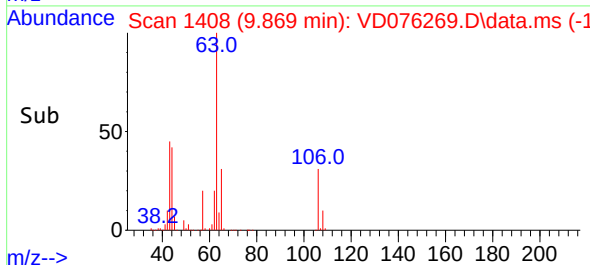
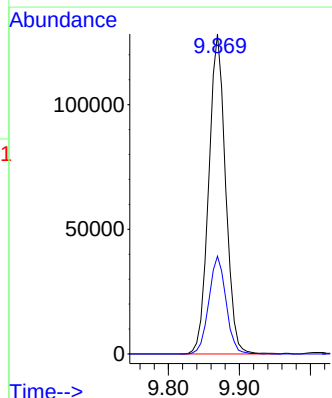
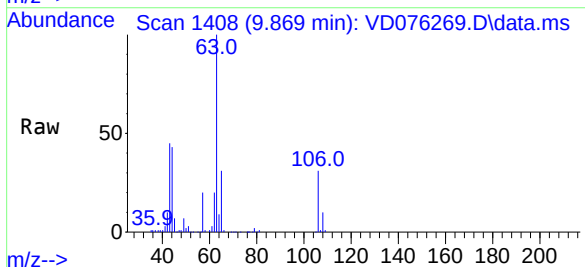
Acq: 26 May 2023 20:40

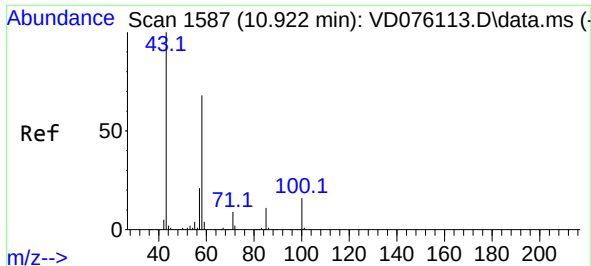
Tgt Ion: 63 Resp: 211363

Ion Ratio Lower Upper

63 100

106 31.1 21.4 32.2

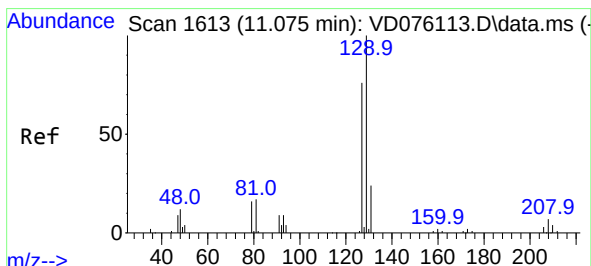
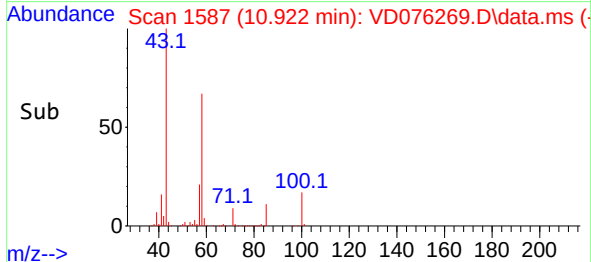
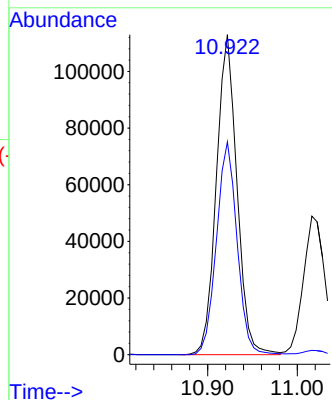
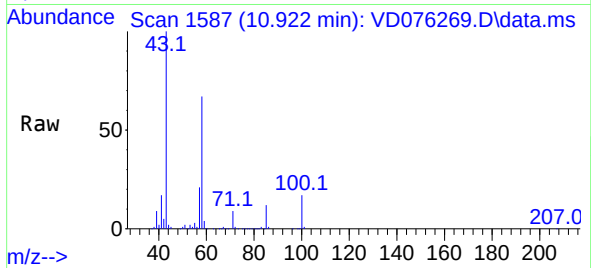




#59
2-Hexanone
Concen: 280.357 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

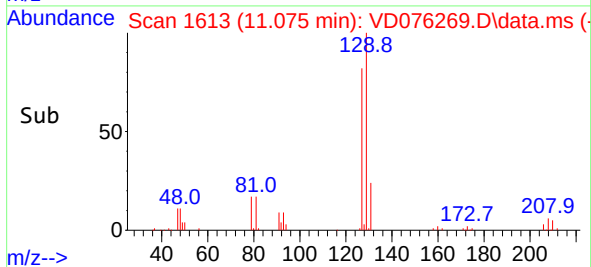
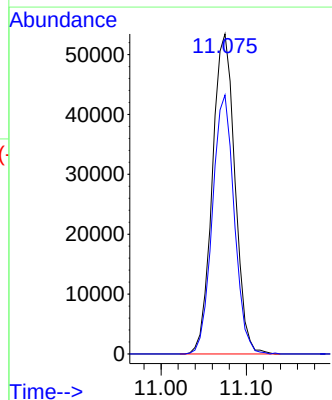
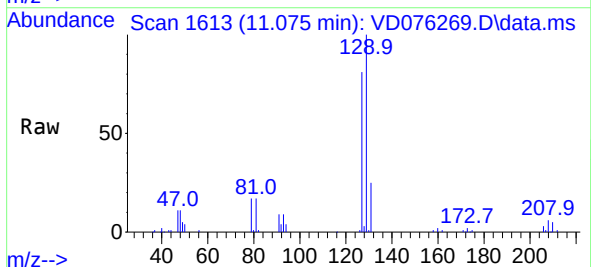
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

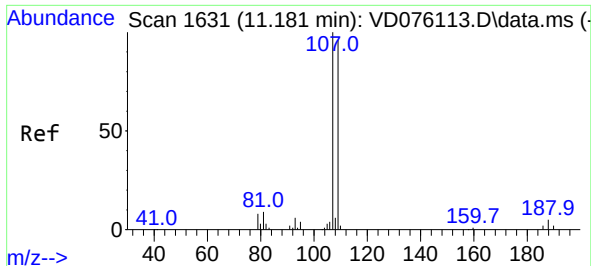
Tgt Ion: 43 Resp: 179900
Ion Ratio Lower Upper
43 100
58 66.6 25.3 75.8



#60
Dibromochloromethane
Concen: 51.849 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 129 Resp: 98287
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5

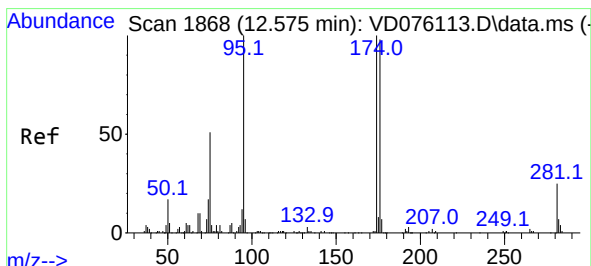
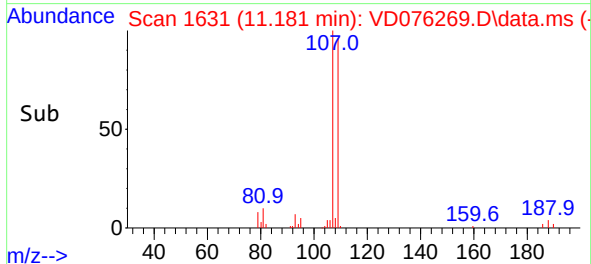
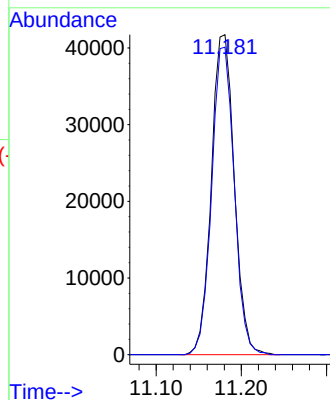
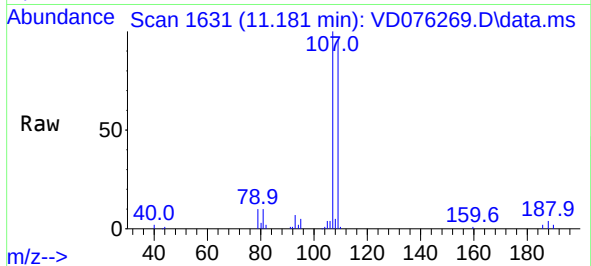




#61
1,2-Dibromoethane
Concen: 52.156 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

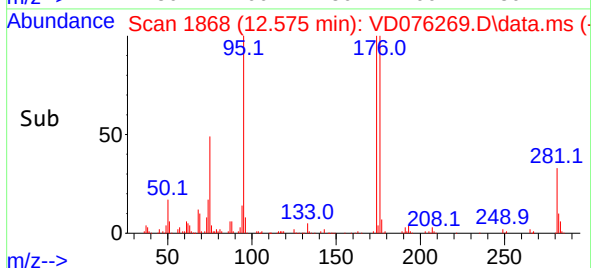
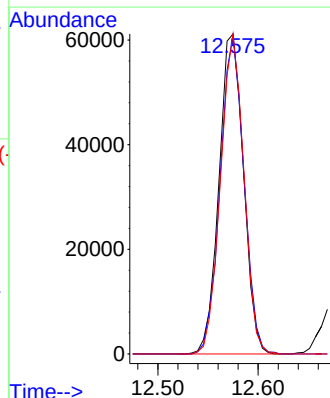
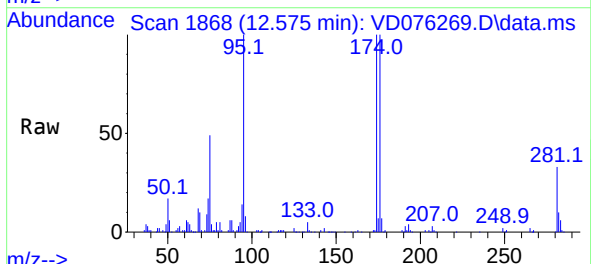
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

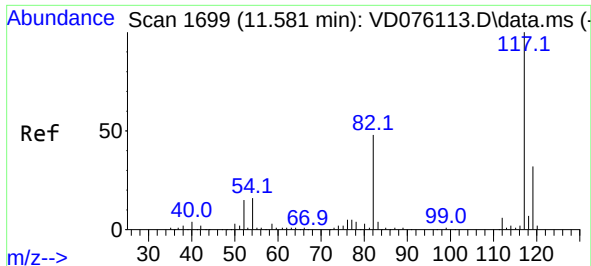
Tgt Ion:107 Resp: 78217
Ion Ratio Lower Upper
107 100
109 94.4 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 95 Resp: 103394
Ion Ratio Lower Upper
95 100
174 96.4 0.0 164.0
176 94.9 0.0 156.8

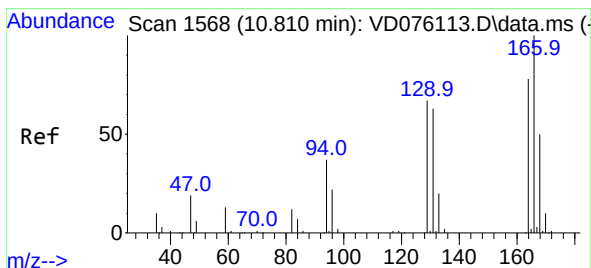
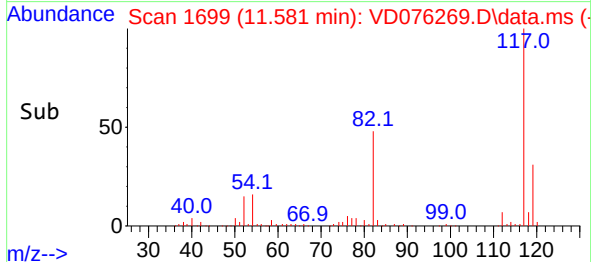
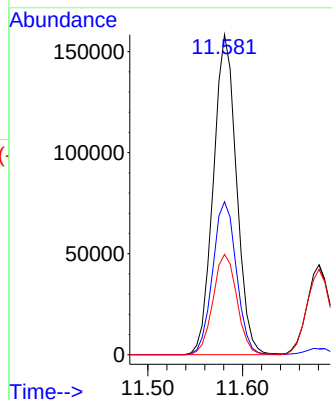
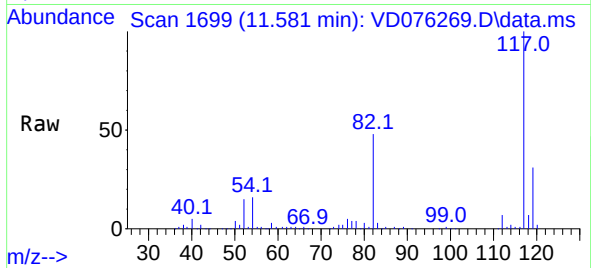




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

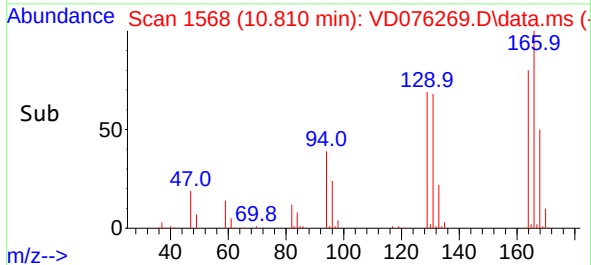
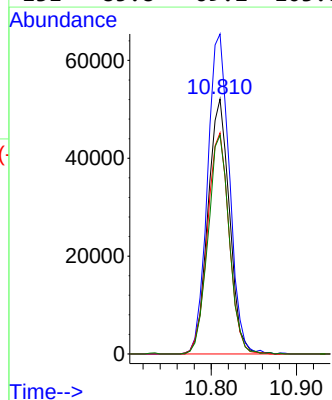
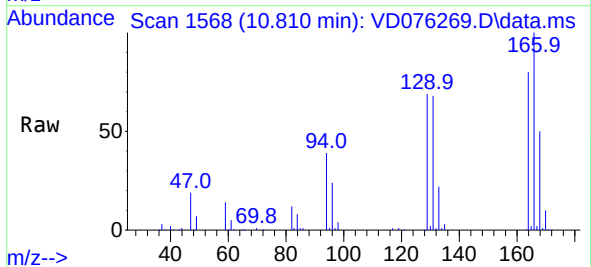
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

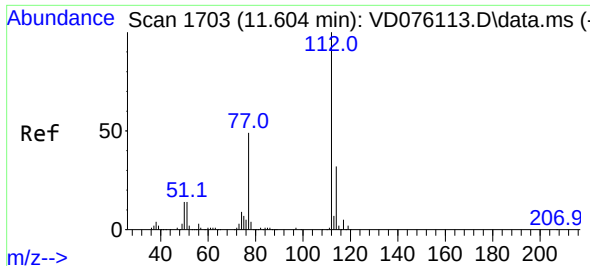
Tgt Ion:117 Resp: 269004
Ion Ratio Lower Upper
117 100
82 47.8 44.0 66.0
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 44.194 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:164 Resp: 91419
Ion Ratio Lower Upper
164 100
166 125.5 94.9 142.3
129 86.7 73.0 109.6
131 85.8 69.2 103.8

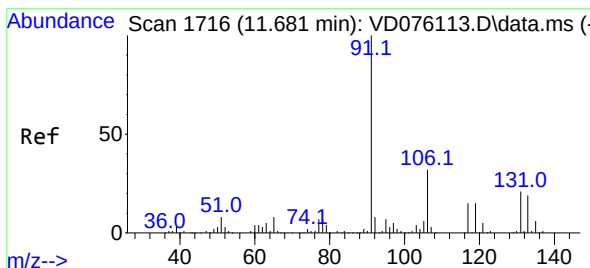
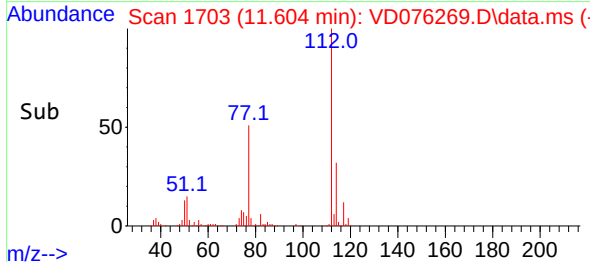
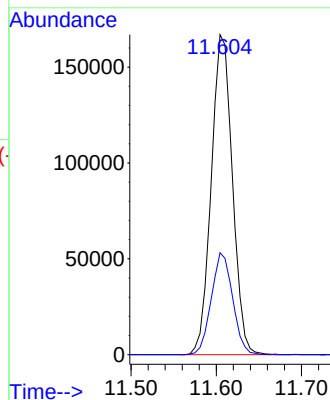
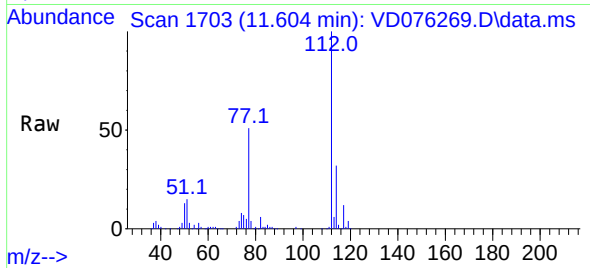




#65
Chlorobenzene
Concen: 47.020 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

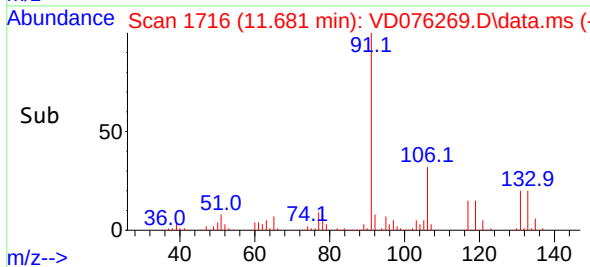
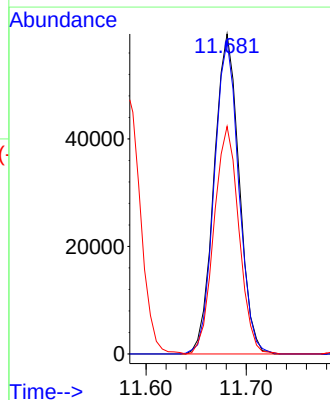
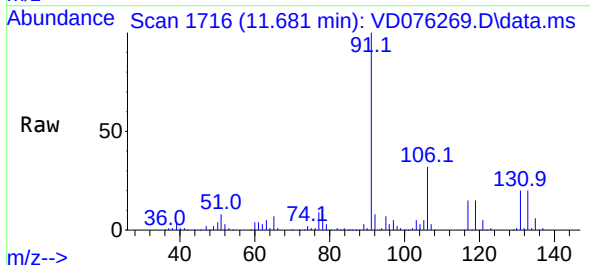
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

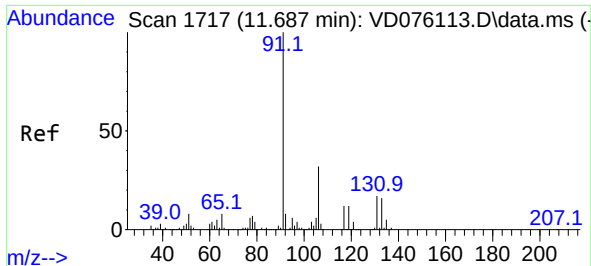
Tgt Ion:112 Resp: 287956
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.940 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:131 Resp: 103142
Ion Ratio Lower Upper
131 100
133 95.9 46.7 140.0
119 71.0 31.9 95.9

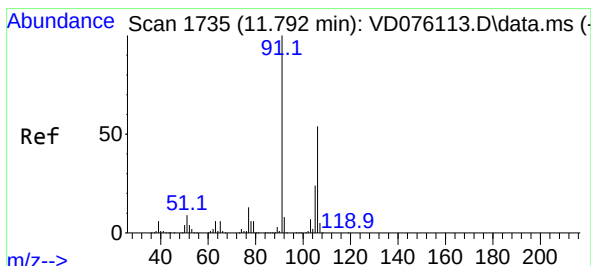
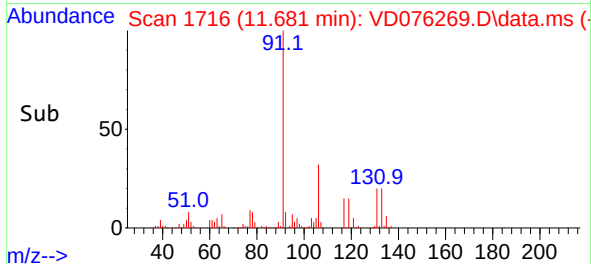
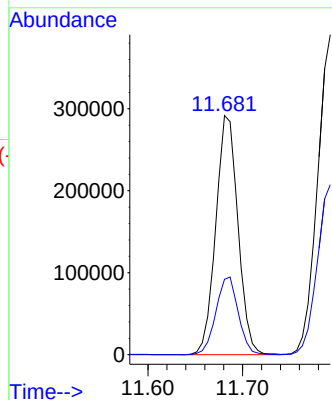
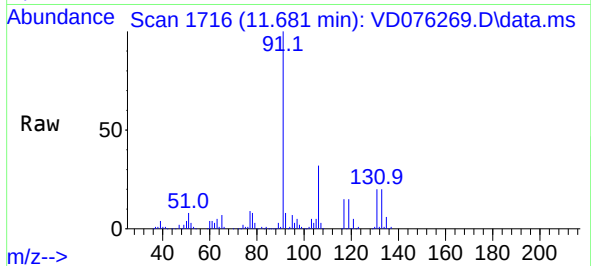




#67
Ethyl Benzene
Concen: 48.542 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

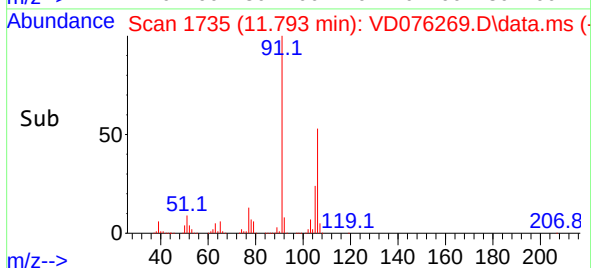
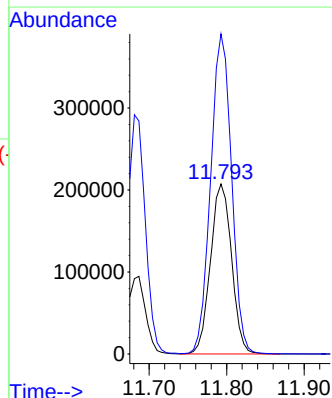
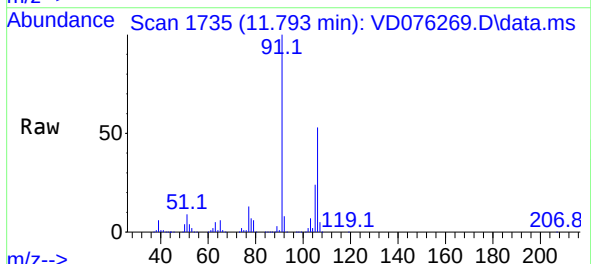
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

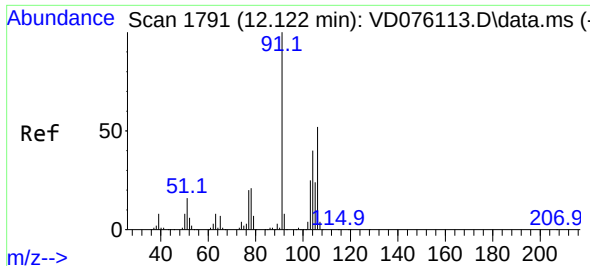
Tgt Ion: 91 Resp: 475022
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 97.873 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:106 Resp: 391437
Ion Ratio Lower Upper
106 100
91 187.1 161.5 242.3

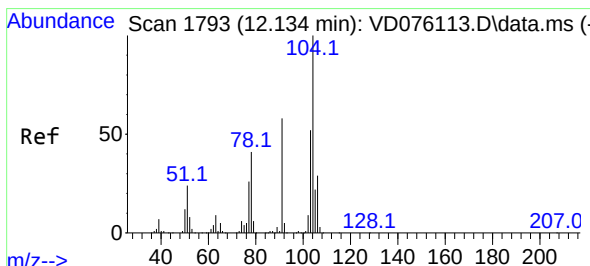
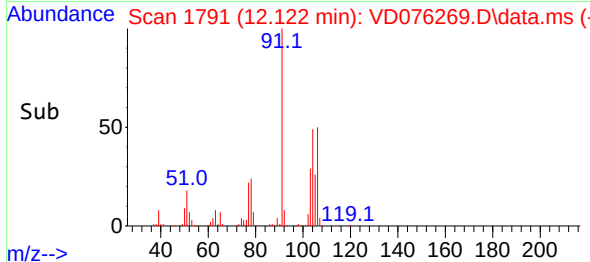
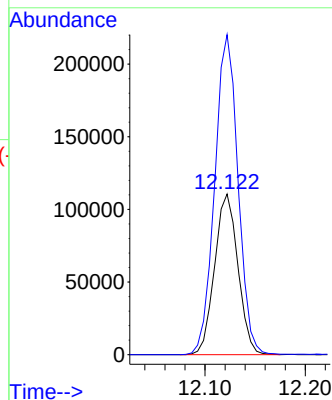
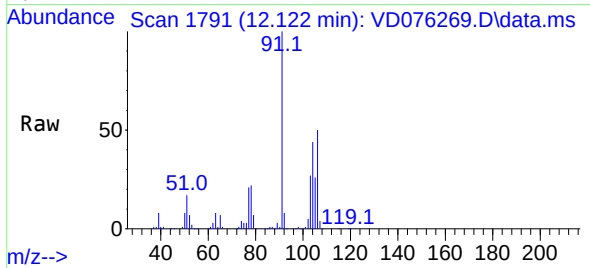




#69
o-Xylene
Concen: 48.805 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

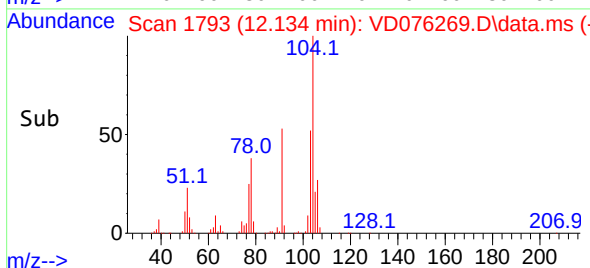
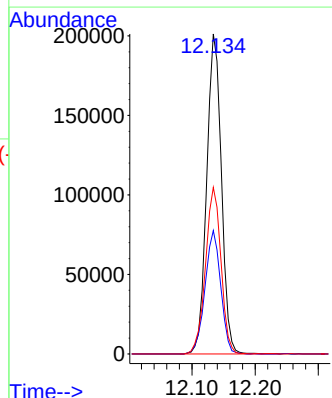
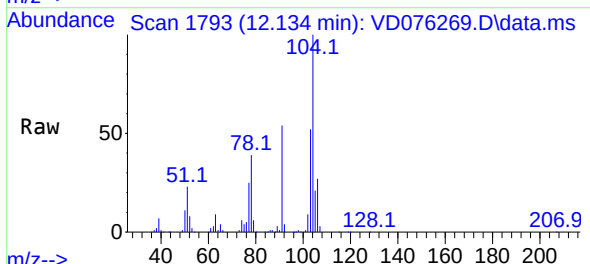
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

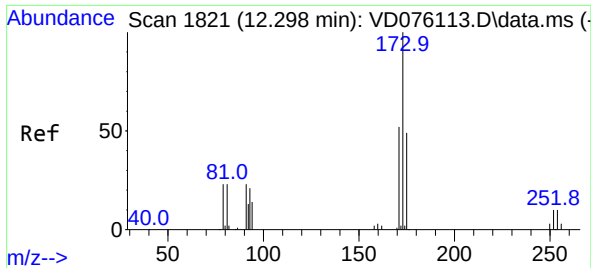
Tgt Ion:106 Resp: 178107
Ion Ratio Lower Upper
106 100
91 199.3 105.7 317.1



#70
Styrene
Concen: 51.333 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:104 Resp: 324790
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 54.9 44.2 66.2

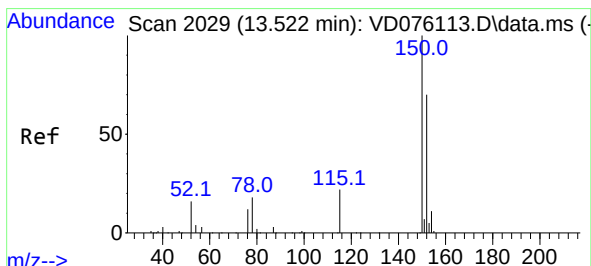
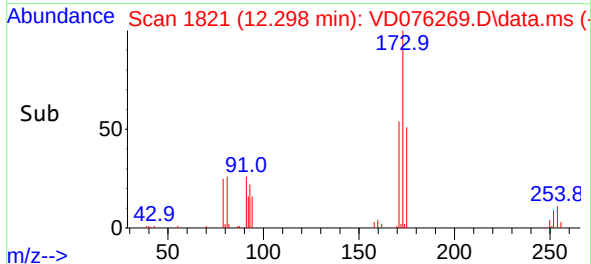
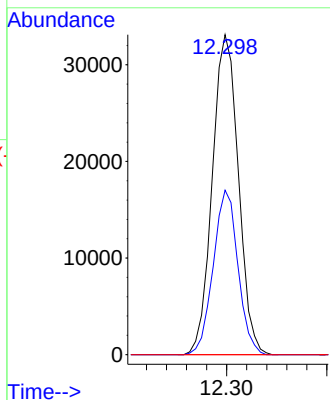
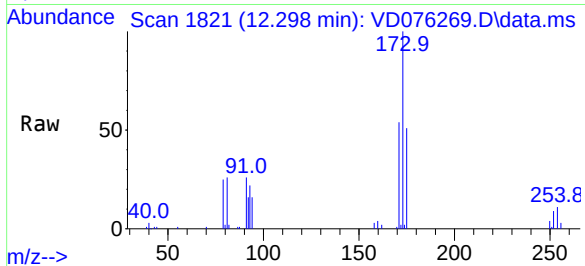




#71
Bromoform
Concen: 50.419 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

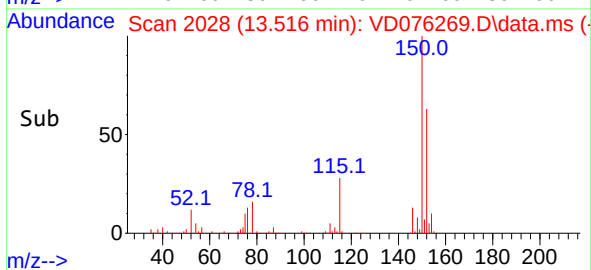
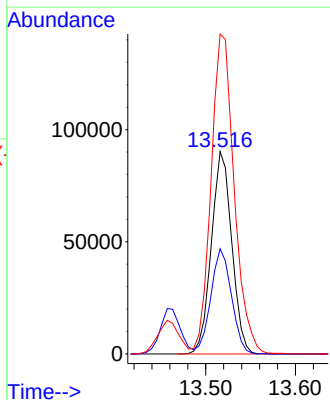
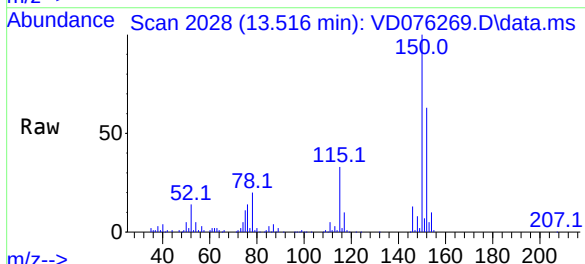
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

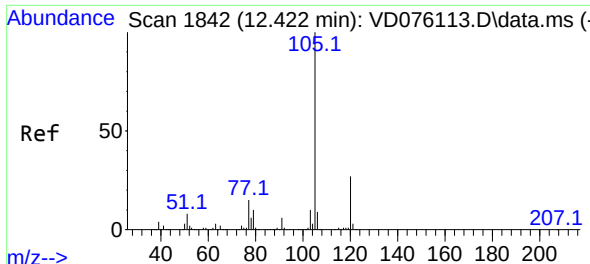
Tgt Ion:	173	Resp:	59769
Ion Ratio	Lower	Upper	
173	100		
175	48.7	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:	152	Resp:	142704
Ion Ratio	Lower	Upper	
152	100		
115	52.4	30.1	90.3
150	179.3	0.0	364.8

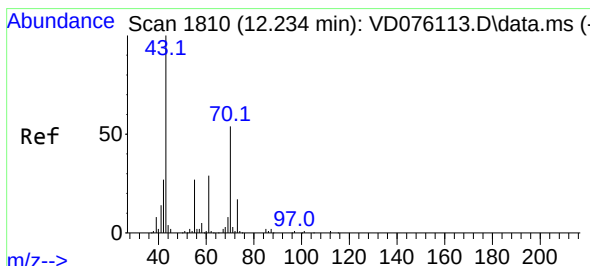
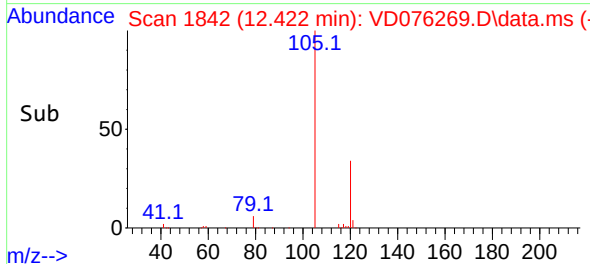
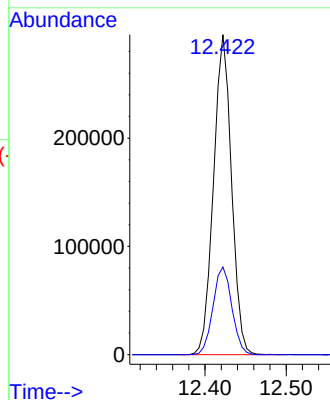
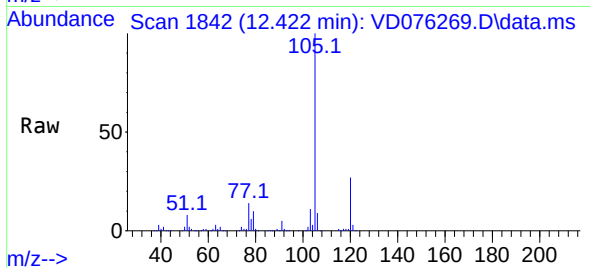




#73
Isopropylbenzene
Concen: 48.159 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

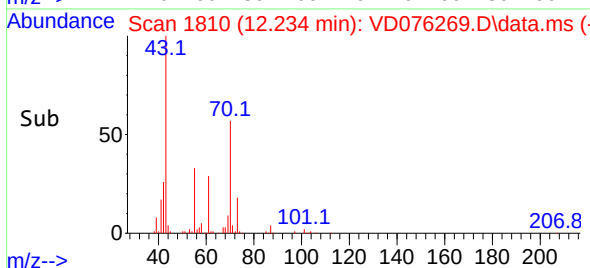
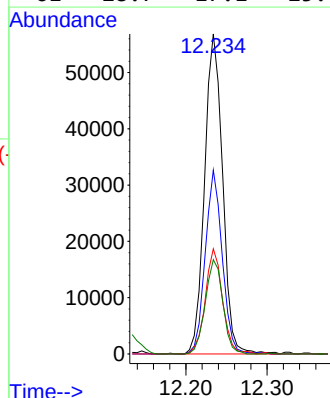
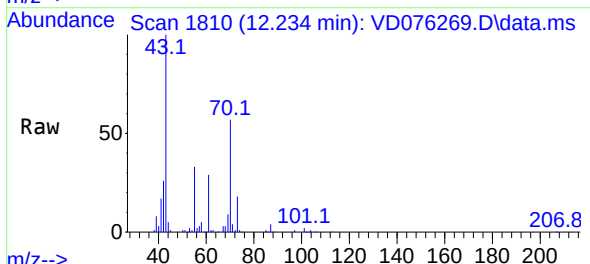
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

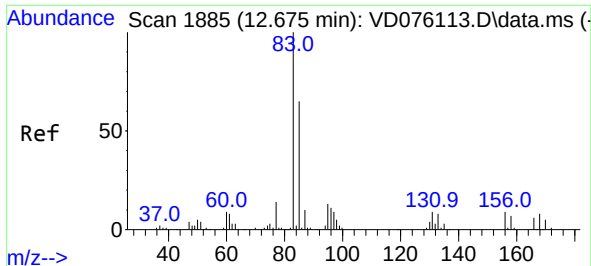
Tgt Ion:105 Resp: 454623
Ion Ratio Lower Upper
105 100
120 28.6 13.4 40.1



#74
N-ethyl acetate
Concen: 52.013 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 43 Resp: 87457
Ion Ratio Lower Upper
43 100
70 54.3 31.0 46.4#
55 31.5 18.6 28.0#
61 28.7 17.1 25.7#

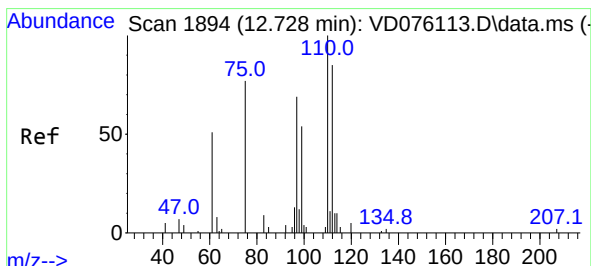
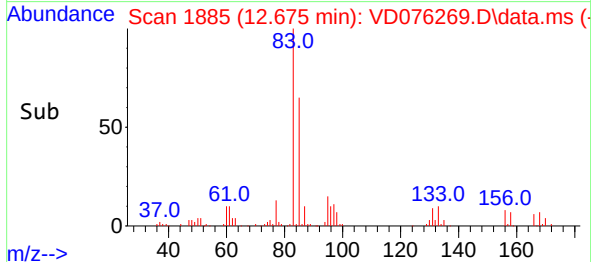
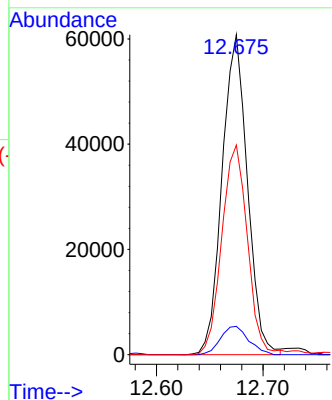
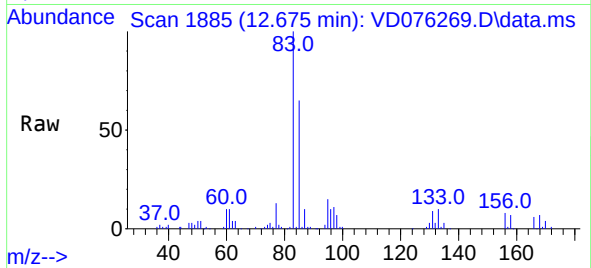




#75
1,1,2,2-Tetrachloroethane
Concen: 49.461 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

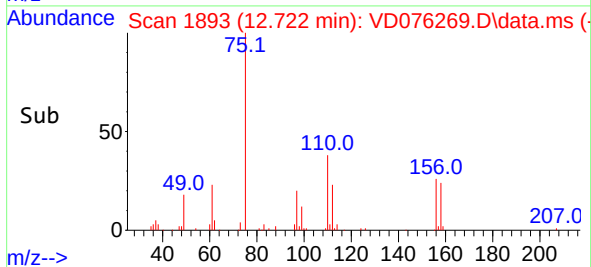
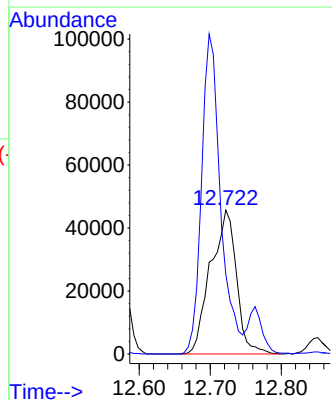
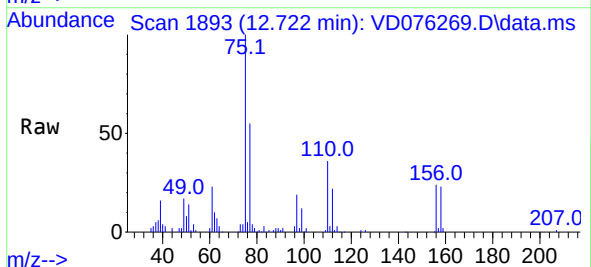
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

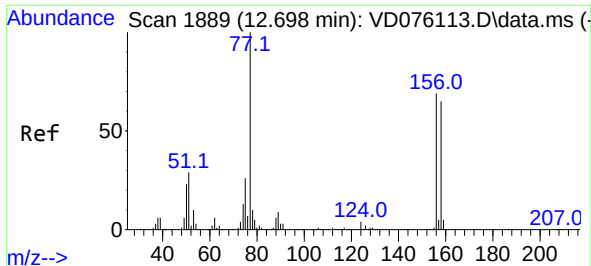
Tgt Ion: 83 Resp: 100352
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 67.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 92.435 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 75 Resp: 115431
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

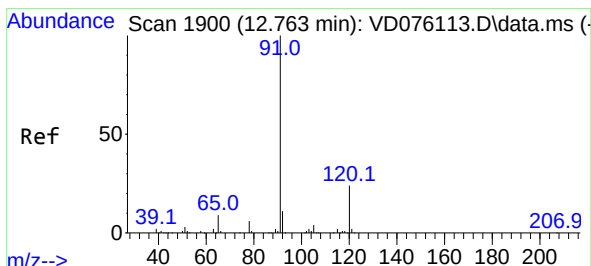
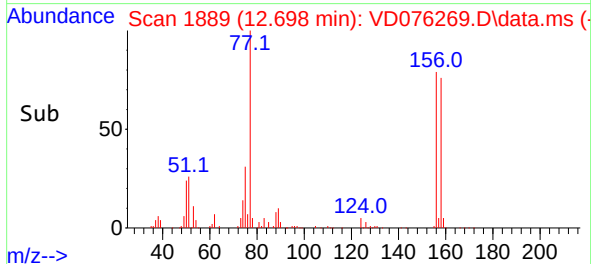
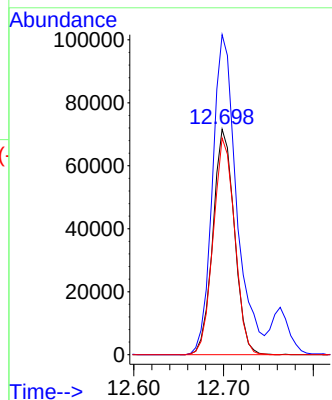
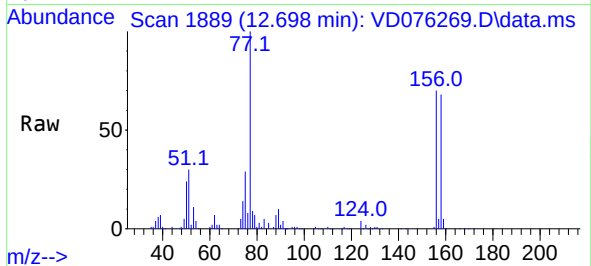




#77
Bromobenzene
Concen: 47.029 ug/l
RT: 12.698 min Scan# 1189
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

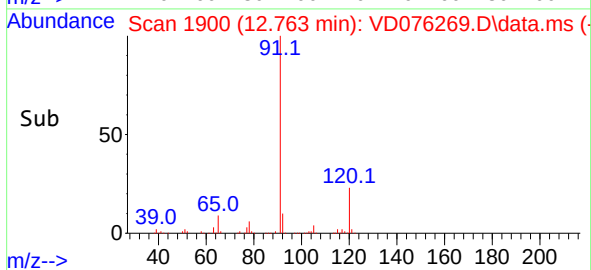
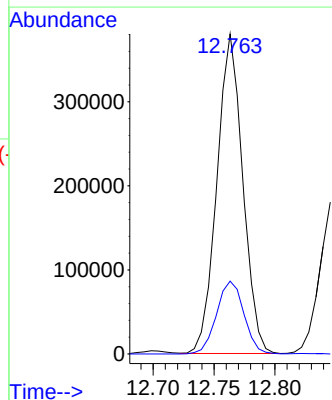
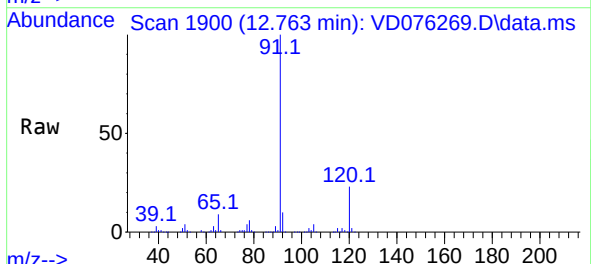
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

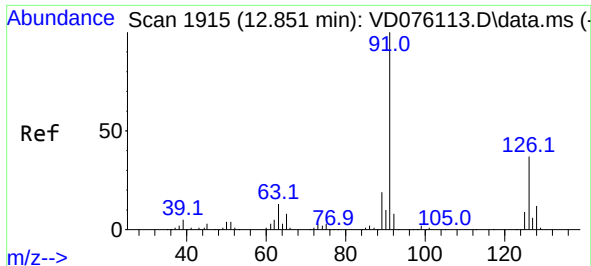
Tgt Ion:156 Resp: 118992
Ion Ratio Lower Upper
156 100
77 159.5 89.5 268.6
158 96.2 47.8 143.4



#78
n-propylbenzene
Concen: 47.766 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 91 Resp: 561258
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

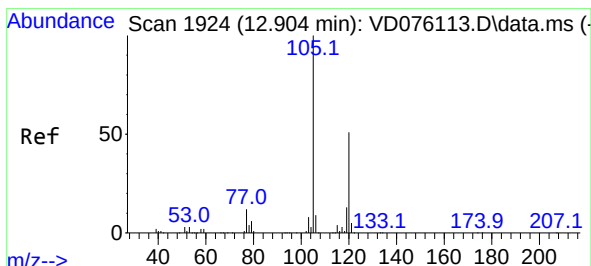
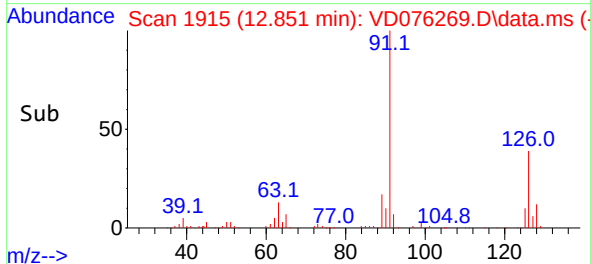
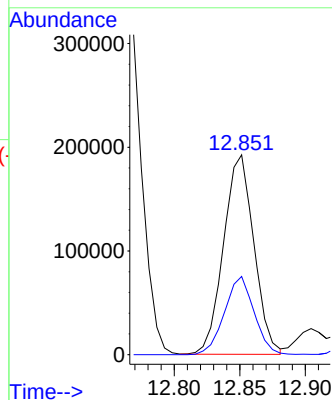
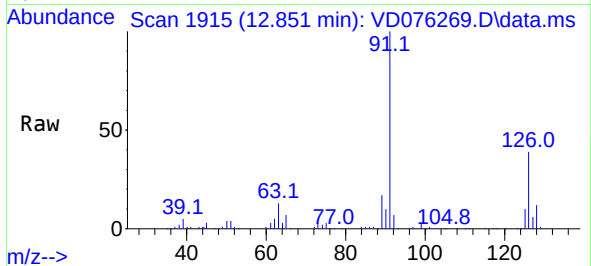




#79
2-Chlorotoluene
Concen: 47.677 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

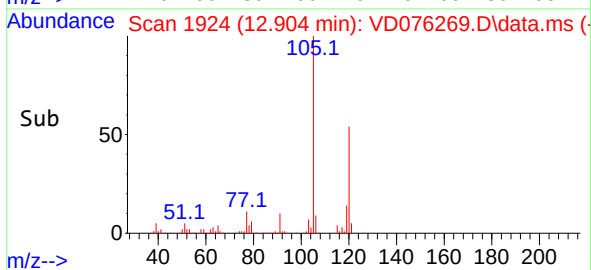
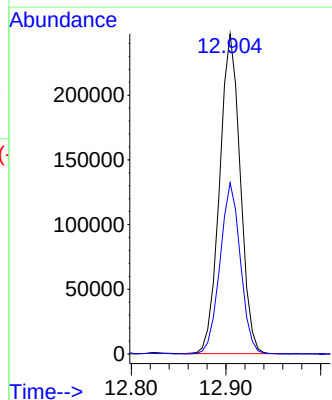
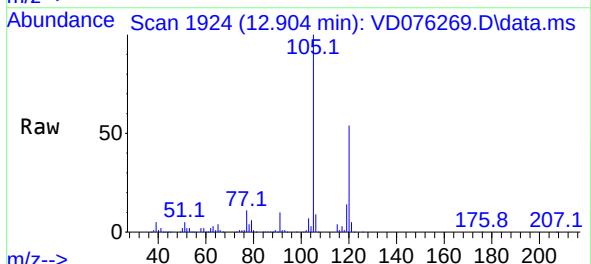
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

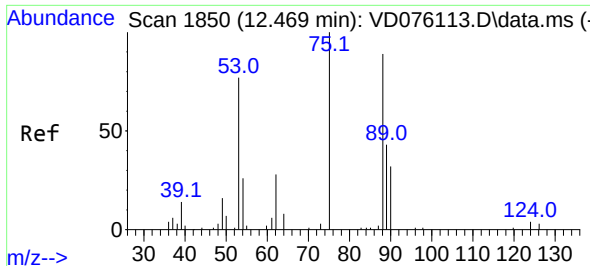
Tgt Ion: 91 Resp: 310054
Ion Ratio Lower Upper
91 100
126 38.4 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 47.952 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 105 Resp: 375260
Ion Ratio Lower Upper
105 100
120 52.8 24.3 72.8

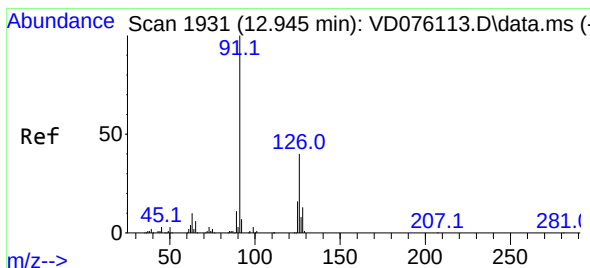
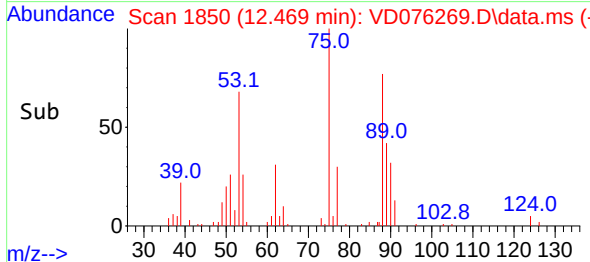
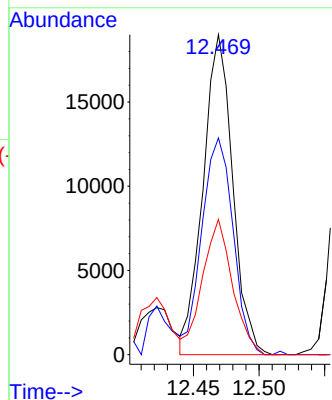
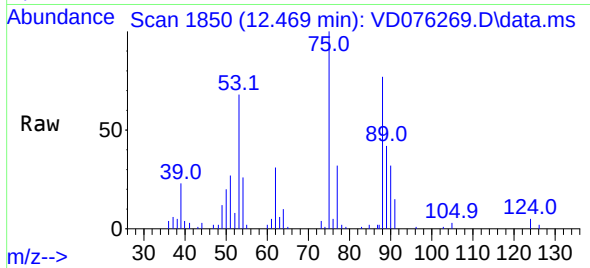




#81
trans-1,4-Dichloro-2-butene
Concen: 50.209 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

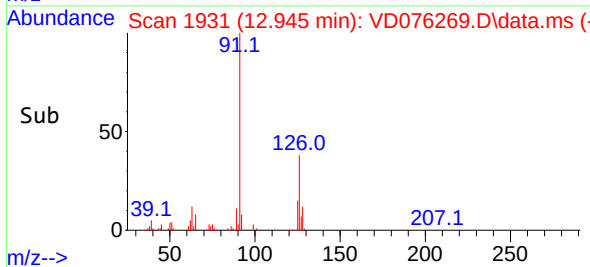
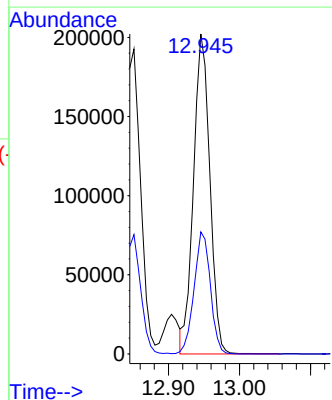
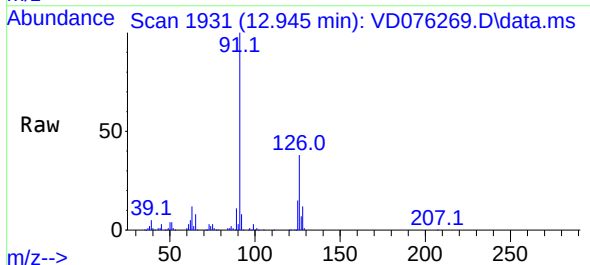
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

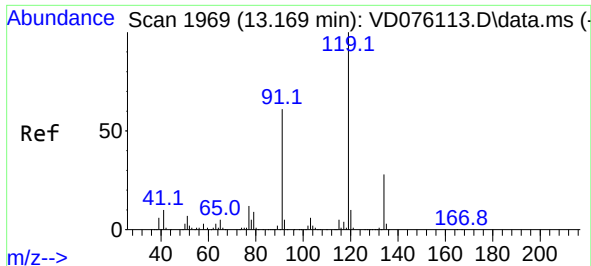
Tgt Ion: 75 Resp: 29888
Ion Ratio Lower Upper
75 100
53 71.4 90.5 135.7#
89 43.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 46.809 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 91 Resp: 323787
Ion Ratio Lower Upper
91 100
126 38.1 17.1 51.2

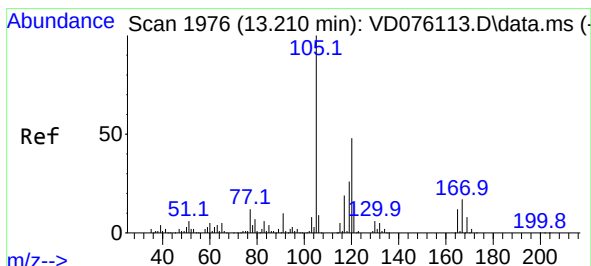
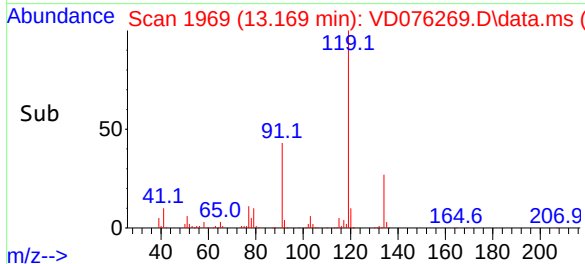
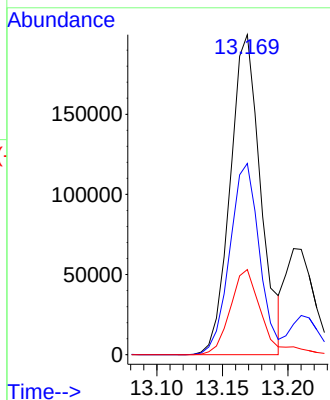
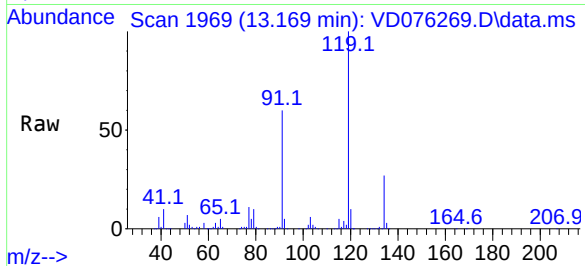




#83
tert-Butylbenzene
Concen: 48.804 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

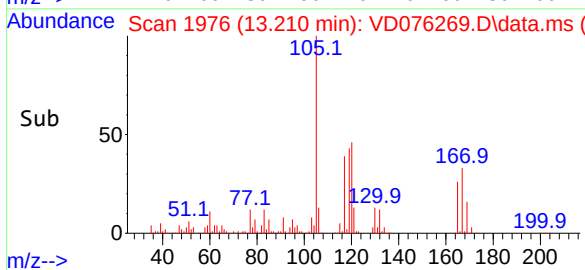
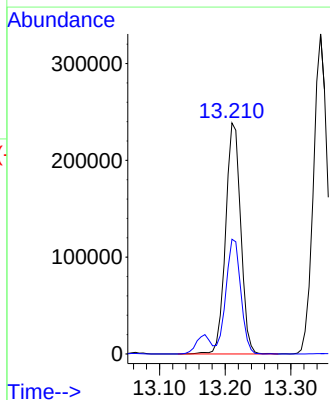
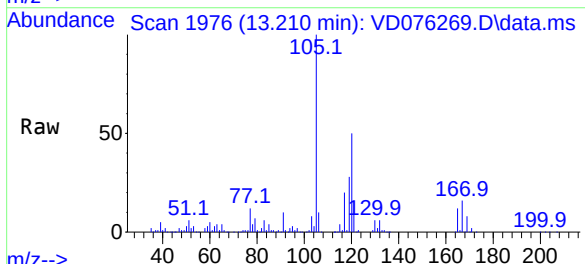
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

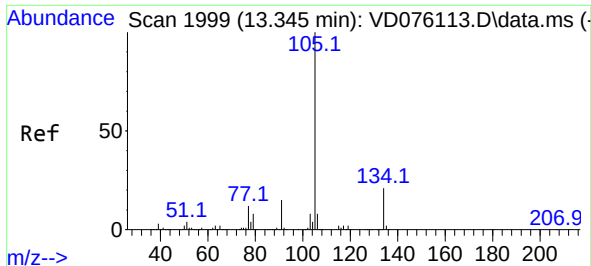
Tgt Ion:119 Resp: 322770
Ion Ratio Lower Upper
119 100
91 58.2 32.4 97.0
134 27.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.880 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:105 Resp: 380951
Ion Ratio Lower Upper
105 100
120 49.4 22.3 66.9

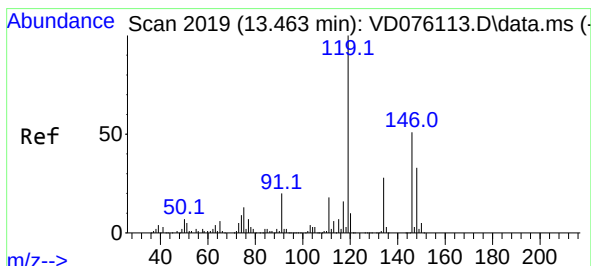
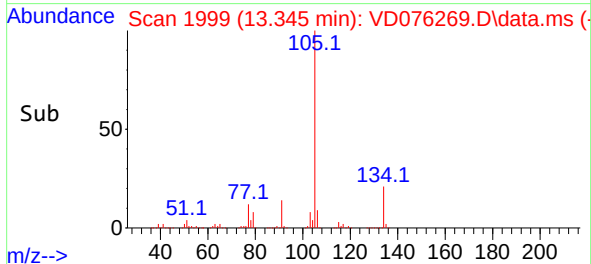
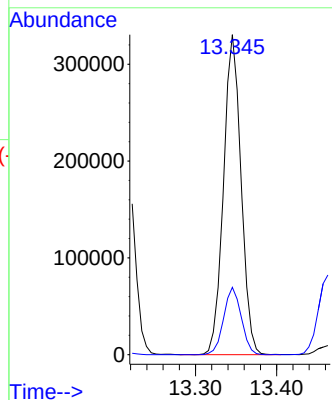
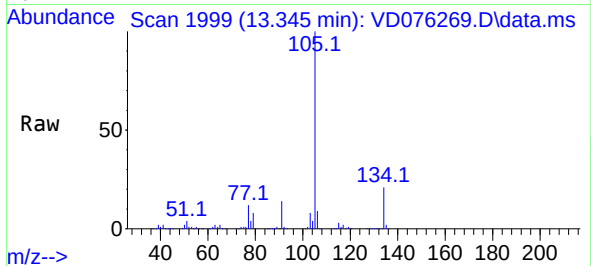




#85
 sec-Butylbenzene
 Concen: 48.220 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

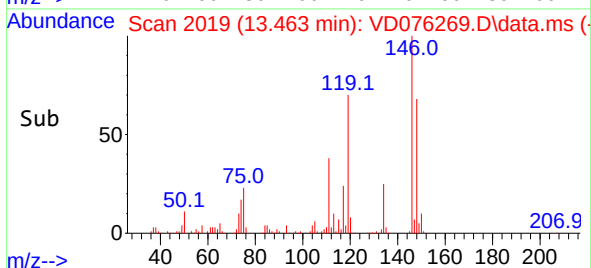
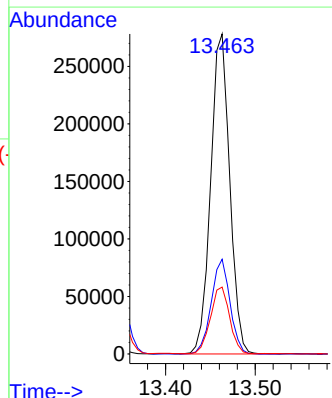
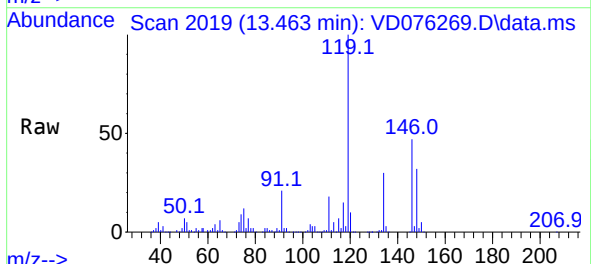
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

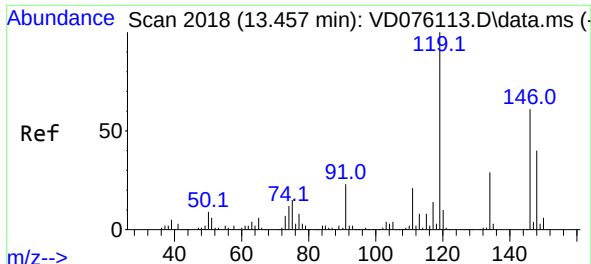
Tgt Ion:105 Resp: 497010
 Ion Ratio Lower Upper
 105 100
 134 21.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.616 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076269.D
 Acq: 26 May 2023 20:40

Tgt Ion:119 Resp: 410015
 Ion Ratio Lower Upper
 119 100
 134 29.2 13.1 39.3
 91 20.9 12.4 37.4

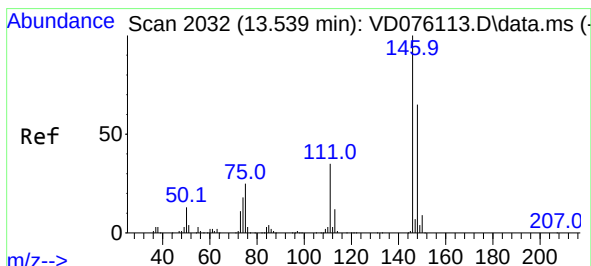
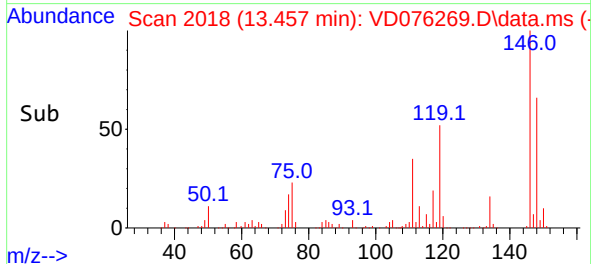
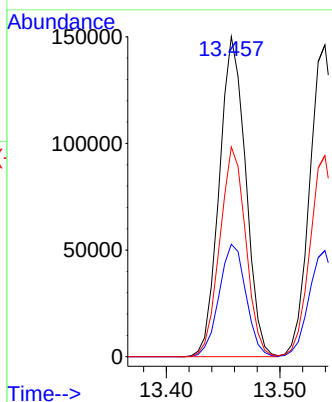
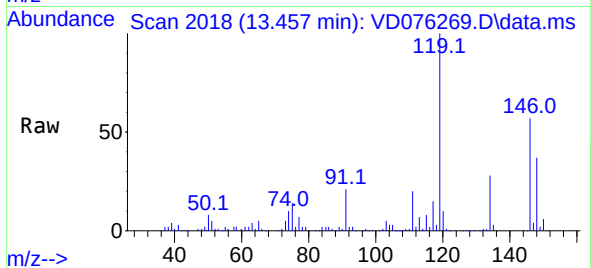




#87
1,3-Dichlorobenzene
Concen: 47.281 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

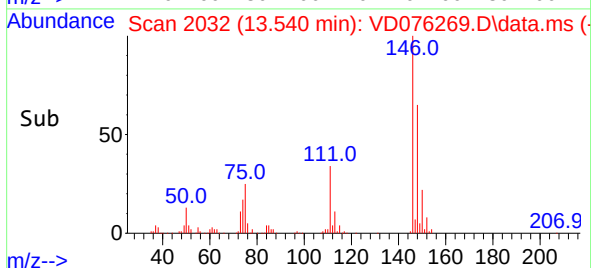
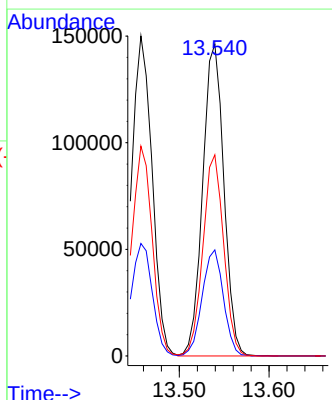
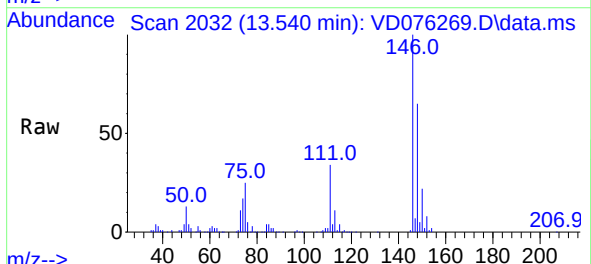
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

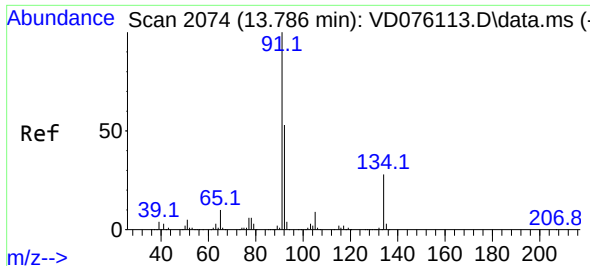
Tgt Ion:146 Resp: 241878
Ion Ratio Lower Upper
146 100
111 35.9 19.8 59.3
148 64.7 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 47.380 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:146 Resp: 240005
Ion Ratio Lower Upper
146 100
111 34.2 19.6 58.8
148 63.3 31.7 95.1

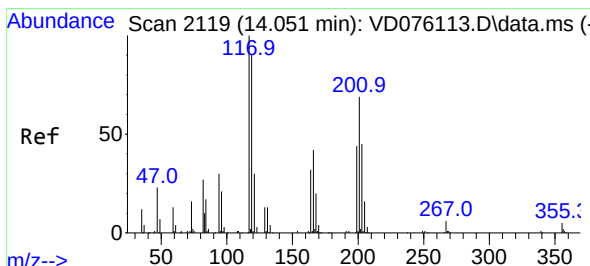
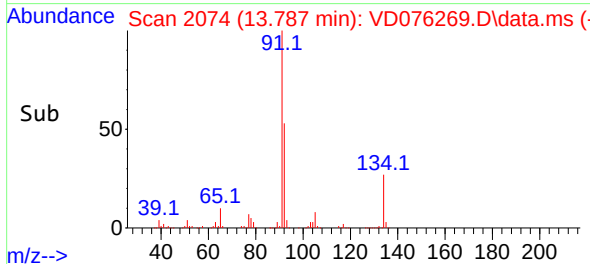
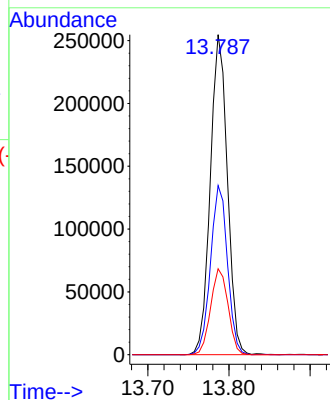
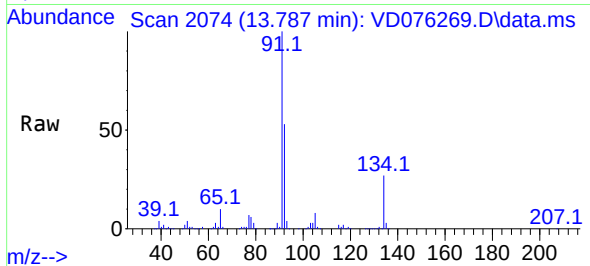




#89
n-Butylbenzene
Concen: 46.830 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

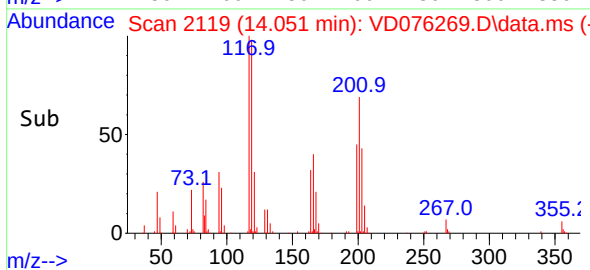
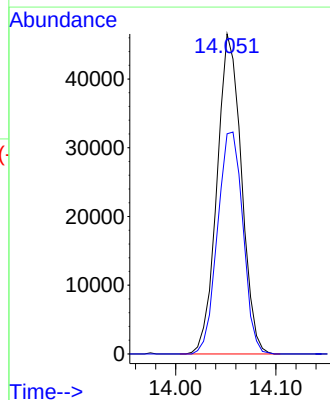
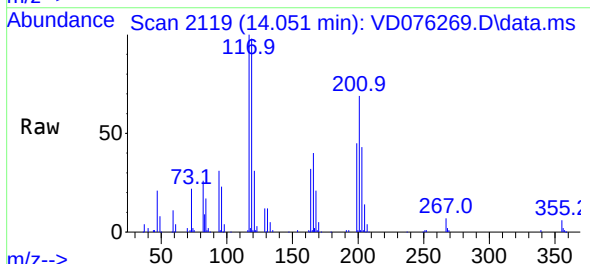
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

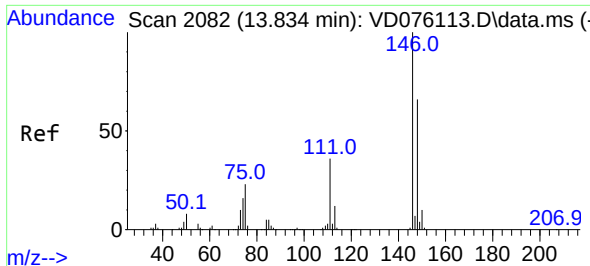
Tgt Ion: 91 Resp: 372196
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.3 12.7 38.0



#90
Hexachloroethane
Concen: 45.401 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion: 117 Resp: 78761
Ion Ratio Lower Upper
117 100
201 72.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 48.344 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076269.D

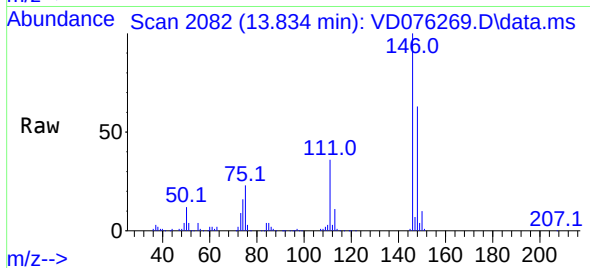
Acq: 26 May 2023 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



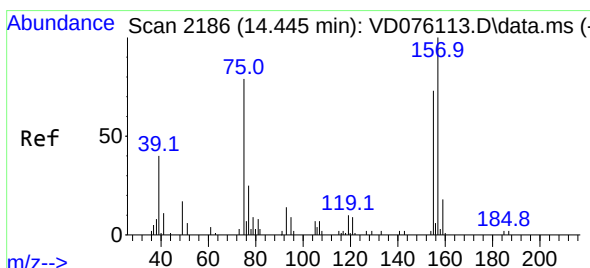
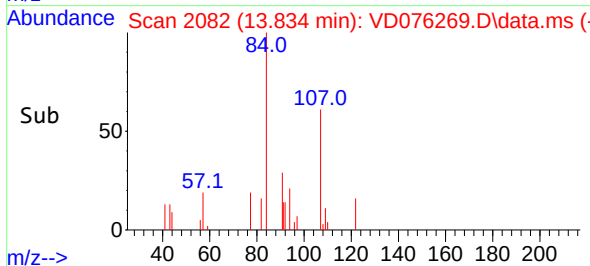
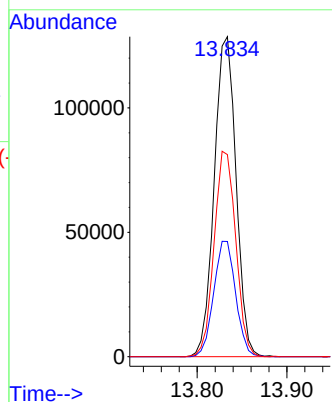
Tgt Ion:146 Resp: 217036

Ion Ratio Lower Upper

146 100

111 36.3 20.6 61.8

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.882 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076269.D

Acq: 26 May 2023 20:40

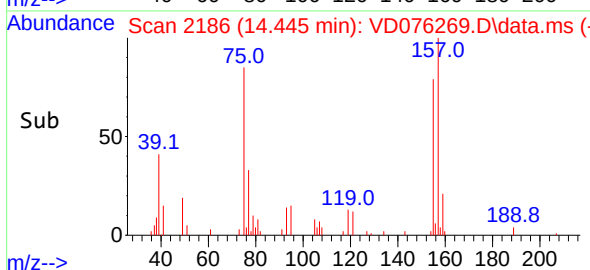
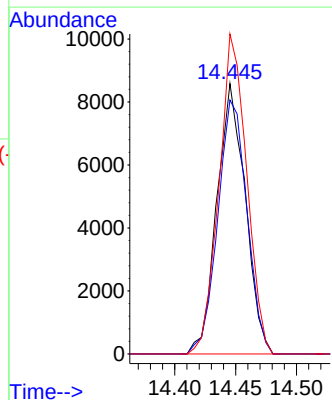
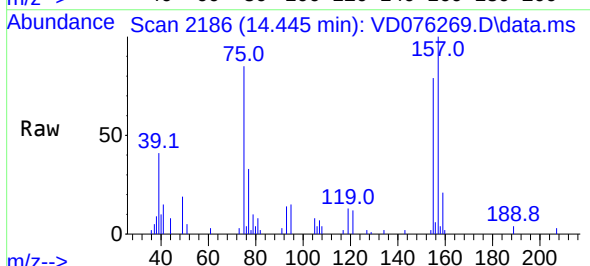
Tgt Ion: 75 Resp: 13931

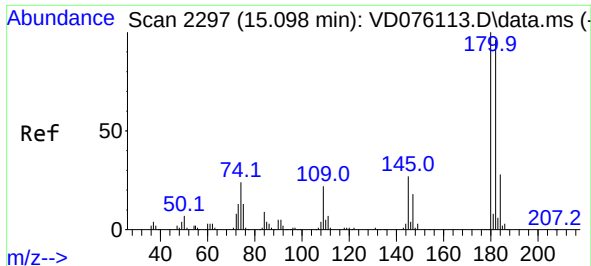
Ion Ratio Lower Upper

75 100

155 96.4 39.5 118.5

157 115.4 53.5 160.7

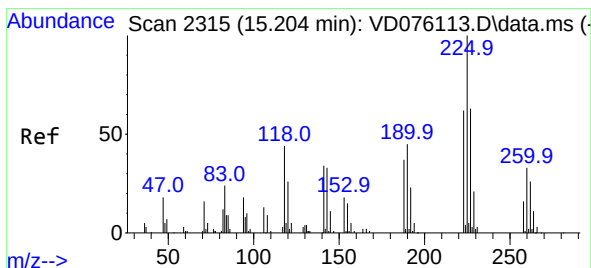
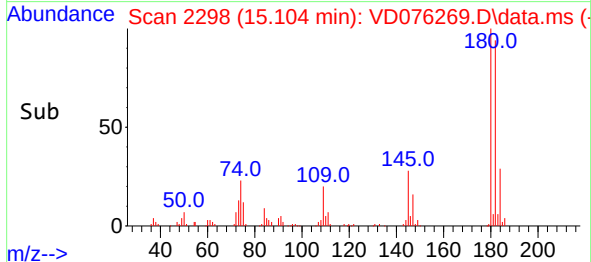
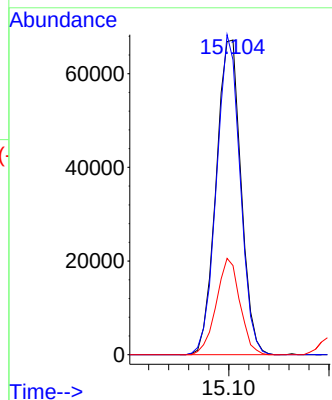
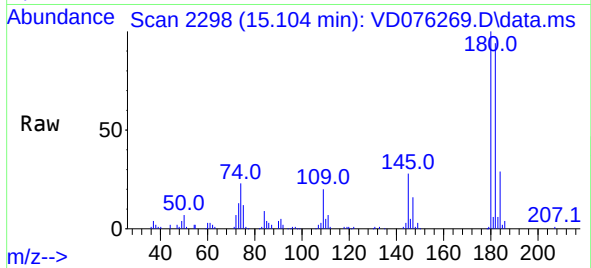




#93
1,2,4-Trichlorobenzene
Concen: 44.351 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

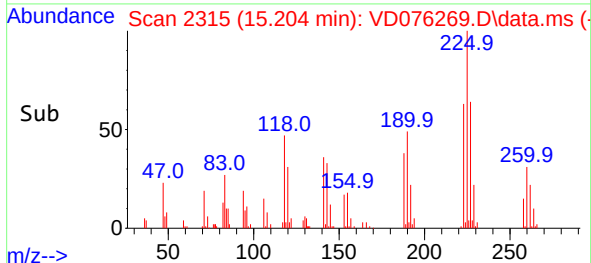
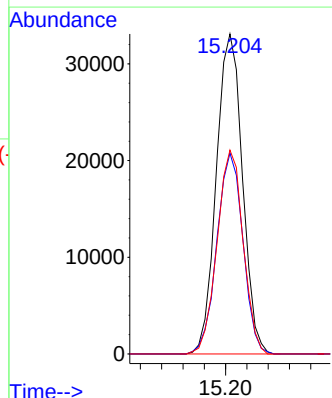
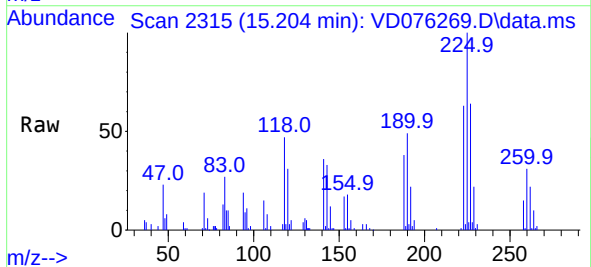
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

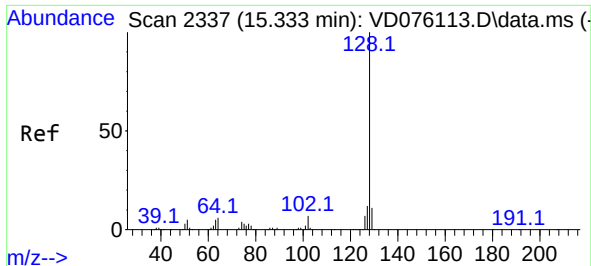
Tgt Ion:180 Resp: 115820
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.7
145 29.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 42.209 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

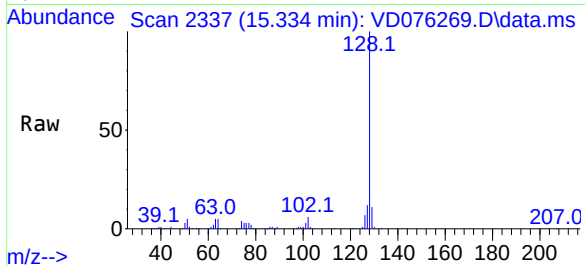
Tgt Ion:225 Resp: 56200
Ion Ratio Lower Upper
225 100
223 62.8 33.1 99.2
227 63.5 31.9 95.9



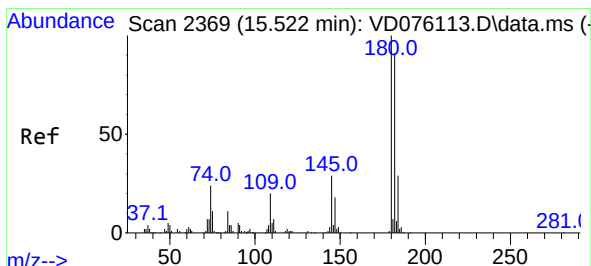
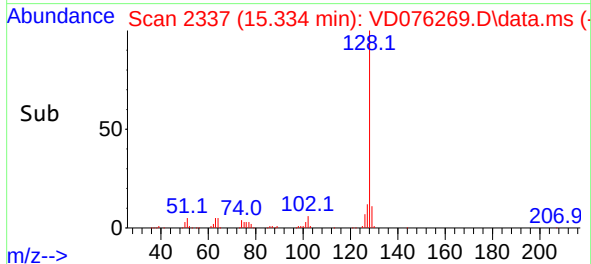
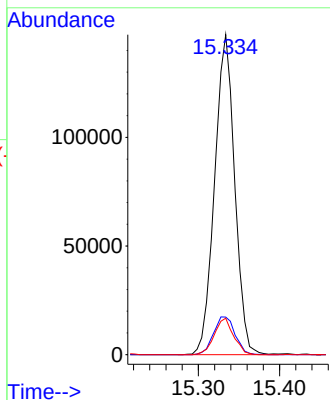


#95
Naphthalene
Concen: 52.251 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 253531
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.432 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076269.D
Acq: 26 May 2023 20:40

Tgt Ion:180 Resp: 110275
Ion Ratio Lower Upper
180 100
182 93.8 47.7 143.1
145 29.5 16.4 49.4

