

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074358.D
 Acq On : 19 Sep 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 23:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	146432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	133824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41973	47.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.804	113	45660	47.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.680%
50) Toluene-d8	10.269	98	182008	54.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.569	95	55366	48.977	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.960%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	34962	42.187	ug/l	93
3) Chloromethane	2.140	50	48900	62.047	ug/l	96
4) Vinyl Chloride	2.275	62	35310	45.651	ug/l	92
5) Bromomethane	2.675	94	12140	25.388	ug/l	99
6) Chloroethane	2.828	64	21817	48.009	ug/l	92
7) Trichlorofluoromethane	3.164	101	66944	44.415	ug/l	98
8) Diethyl Ether	3.587	74	22263	46.337	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	45630	48.147	ug/l	99
10) Methyl Iodide	4.158	142	41742	35.656	ug/l	98
11) Tert butyl alcohol	5.052	59	19263	325.294	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	45519	47.184	ug/l	98
13) Acrolein	3.793	56	8665	135.682	ug/l	96
14) Allyl chloride	4.552	41	64272	46.034	ug/l	99
15) Acrylonitrile	5.252	53	48688	229.906	ug/l	98
16) Acetone	4.022	43	34823	176.397	ug/l #	87
17) Carbon Disulfide	4.258	76	124037	39.486	ug/l	100
18) Methyl Acetate	4.563	43	23685	43.684	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	103196	49.952	ug/l	100
20) Methylene Chloride	4.793	84	62734	51.031	ug/l	93
21) trans-1,2-Dichloroethene	5.299	96	50698	47.463	ug/l	98
22) Diisopropyl ether	6.216	45	150947	51.331	ug/l	98
23) Vinyl Acetate	6.152	43	375877	251.612	ug/l	99
24) 1,1-Dichloroethane	6.110	63	94385	49.865	ug/l	96
25) 2-Butanone	7.081	43	60673	206.346	ug/l	99
26) 2,2-Dichloropropane	7.069	77	75007	48.004	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	58830	49.711	ug/l	97
28) Bromochloromethane	7.422	49	34468	47.160	ug/l	100
29) Tetrahydrofuran	7.446	42	39094	232.001	ug/l	99
30) Chloroform	7.599	83	95264	51.184	ug/l	85
31) Cyclohexane	7.869	56	79420	43.216	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	81765	49.800	ug/l	99
36) 1,1-Dichloropropene	8.004	75	72602	49.317	ug/l	99
37) Ethyl Acetate	7.163	43	28540	48.391	ug/l	98
38) Carbon Tetrachloride	7.987	117	59613	45.694	ug/l	91
39) Methylcyclohexane	9.269	83	86624	48.646	ug/l	97
40) Benzene	8.246	78	210390	50.969	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16547	51.689	ug/l	93
42) 1,2-Dichloroethane	8.328	62	52793	50.078	ug/l	99
43) Isopropyl Acetate	8.363	43	56396	51.830	ug/l	99
44) Trichloroethene	9.022	130	57883	53.336	ug/l	97
45) 1,2-Dichloropropane	9.304	63	54840	52.826	ug/l	99
46) Dibromomethane	9.393	93	26627	49.865	ug/l	97
47) Bromodichloromethane	9.581	83	70684	53.742	ug/l	95
48) Methyl methacrylate	9.381	41	26411	50.157	ug/l	97
49) 1,4-Dioxane	9.381	88	6151	1052.585	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	145718	254.893	ug/l	97
52) Toluene	10.334	92	133530	52.517	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	65524	55.839	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	79408	52.305	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	36729	52.218	ug/l	98
56) Ethyl methacrylate	10.593	69	47563	51.620	ug/l	99
57) 1,3-Dichloropropane	10.875	76	63903	50.268	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	22882	105.835	ug/l	99
59) 2-Hexanone	10.916	43	96283	240.784	ug/l	99
60) Dibromochloromethane	11.075	129	43618	51.784	ug/l	100
61) 1,2-Dibromoethane	11.175	107	34265	50.725	ug/l	98
64) Tetrachloroethene	10.804	164	50877	56.087	ug/l	91
65) Chlorobenzene	11.604	112	141076	51.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	48592	51.325	ug/l	99
67) Ethyl Benzene	11.681	91	262719	51.942	ug/l	99
68) m/p-Xylenes	11.787	106	200279	103.373	ug/l	99
69) o-Xylene	12.116	106	96730	54.632	ug/l	100
70) Styrene	12.128	104	161191	53.454	ug/l	98
71) Bromoform	12.292	173	24530	48.284	ug/l #	98
73) Isopropylbenzene	12.416	105	255119	52.190	ug/l	100
74) N-amyl acetate	12.228	43	52458	48.558	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	42150	49.627	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	50356	85.632	ug/l #	100
77) Bromobenzene	12.692	156	55555	52.009	ug/l	96
78) n-propylbenzene	12.757	91	312153	51.478	ug/l	100
79) 2-Chlorotoluene	12.839	91	166477	52.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	205817	51.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	12279	52.332	ug/l #	100
82) 4-Chlorotoluene	12.939	91	169852	51.217	ug/l	100
83) tert-Butylbenzene	13.157	119	186934	52.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	206645	52.549	ug/l	99
85) sec-Butylbenzene	13.339	105	276414	52.552	ug/l	100
86) p-Isopropyltoluene	13.451	119	229171	52.134	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	114206	52.013	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	109280	50.924	ug/l	99
89) n-Butylbenzene	13.781	91	221083	51.350	ug/l	99
90) Hexachloroethane	14.045	117	33172	39.983	ug/l	98
91) 1,2-Dichlorobenzene	13.822	146	94700	51.152	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5666	44.878	ug/l	98
93) 1,2,4-Trichlorobenzene	15.086	180	62173	49.783	ug/l	100
94) Hexachlorobutadiene	15.192	225	37334	52.618	ug/l	97
95) Naphthalene	15.322	128	111031	47.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	53234	49.596	ug/l	97

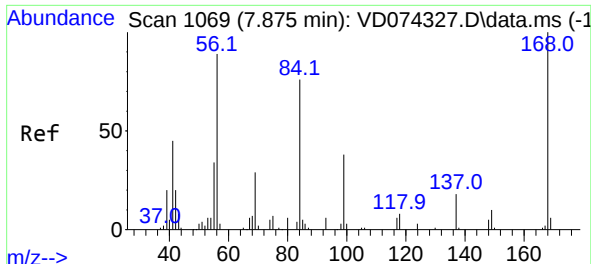
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
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Response via : Initial Calibration

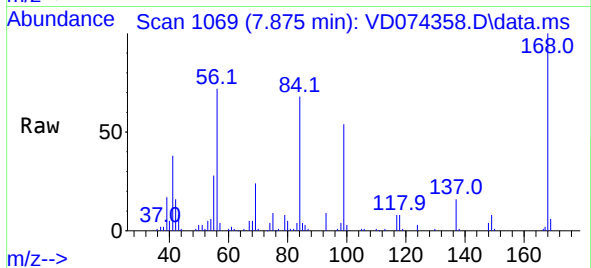
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

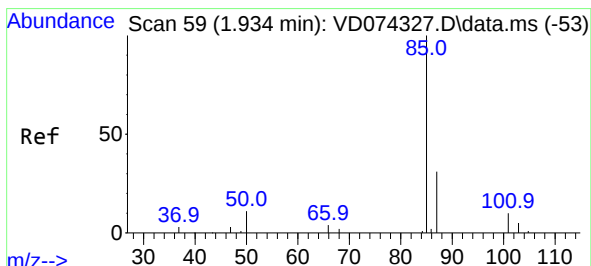
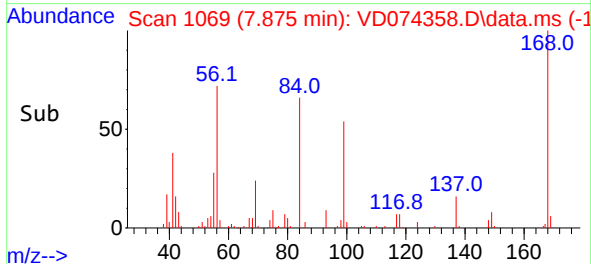
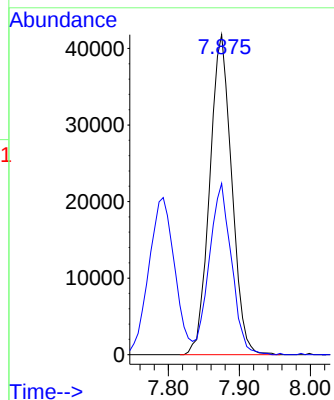


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

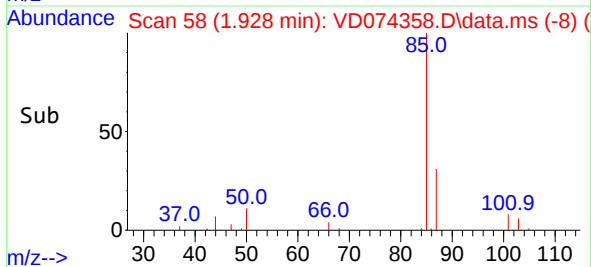
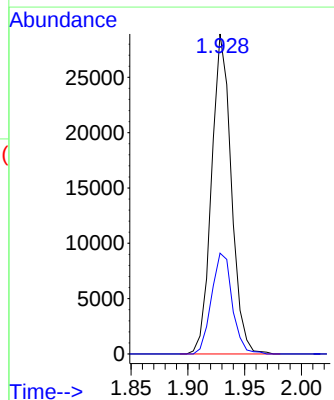
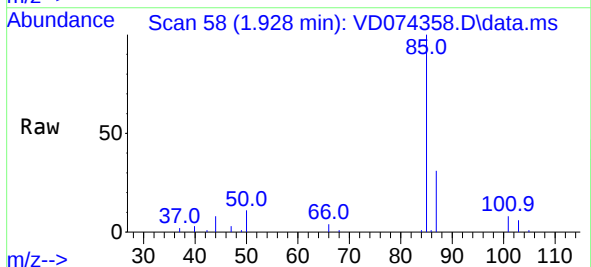


Tgt Ion:168 Resp: 89963
Ion Ratio Lower Upper
168 100
99 53.1 43.0 64.6

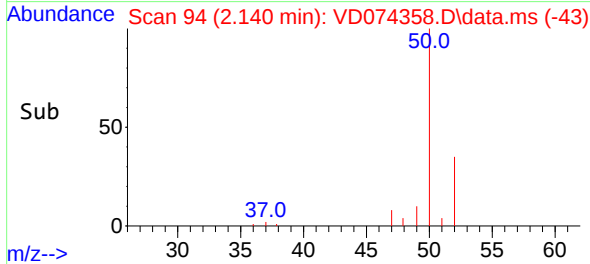
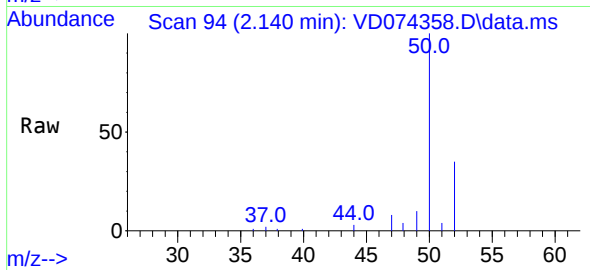
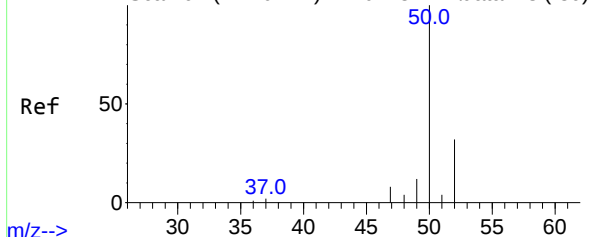


#2
Dichlorodifluoromethane
Concen: 42.187 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 85 Resp: 34962
Ion Ratio Lower Upper
85 100
87 31.5 17.9 53.7



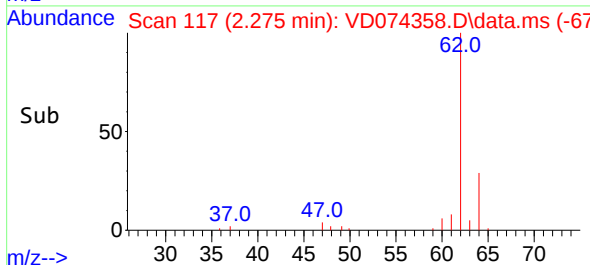
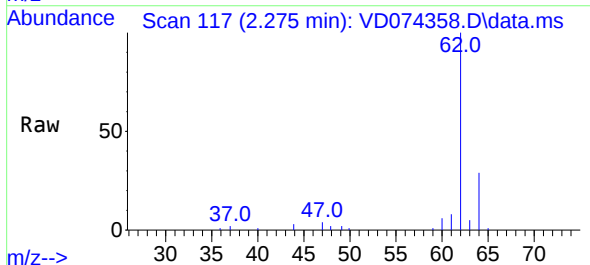
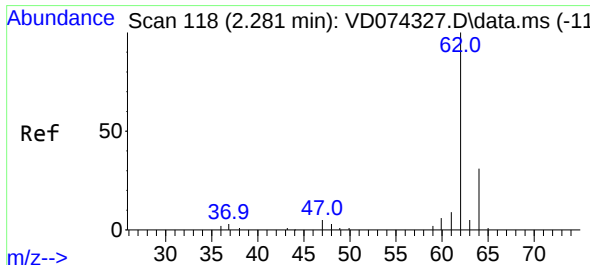
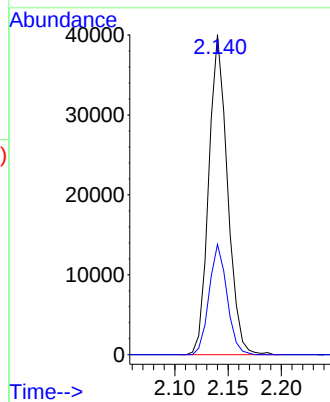
Abundance Scan 94 (2.140 min): VD074327.D\data.ms (-89)



#3
Chloromethane
Concen: 62.047 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

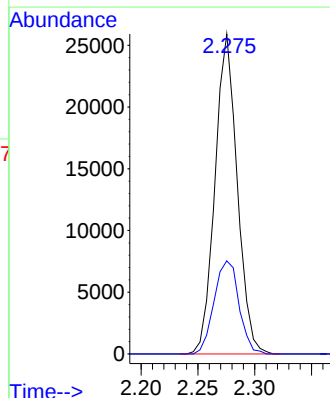
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

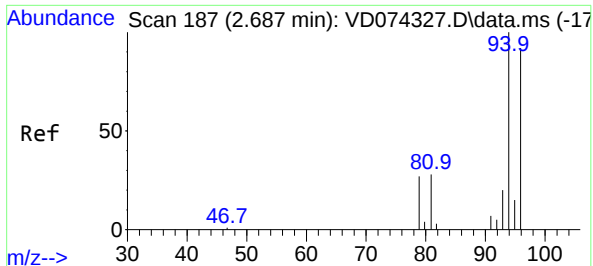
Tgt Ion: 50 Resp: 48900
Ion Ratio Lower Upper
50 100
52 34.5 25.8 38.8



#4
Vinyl Chloride
Concen: 45.651 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 62 Resp: 35310
Ion Ratio Lower Upper
62 100
64 29.1 27.0 40.4

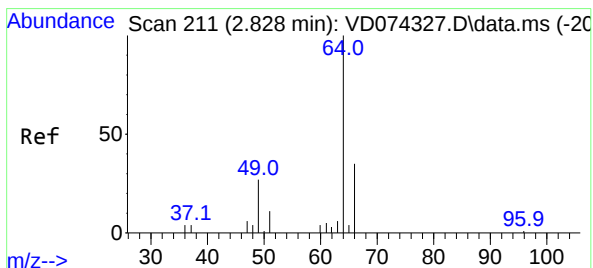
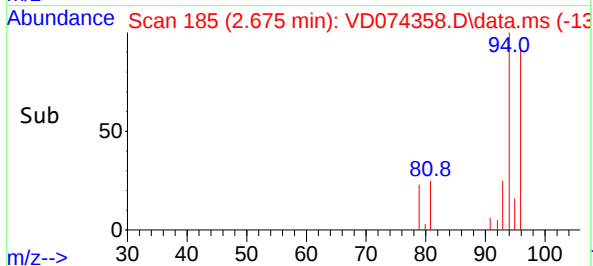
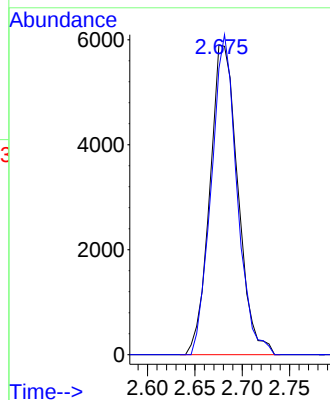
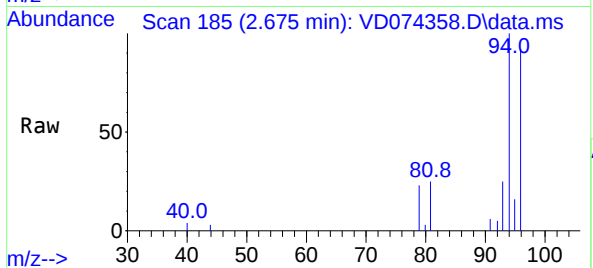




#5
Bromomethane
Concen: 25.388 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.012 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

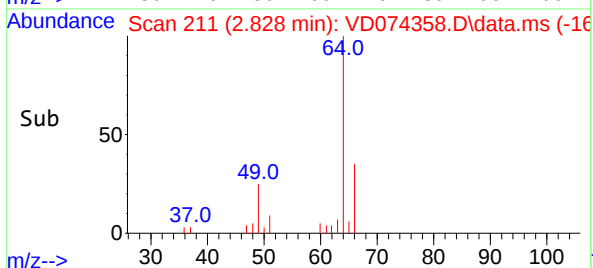
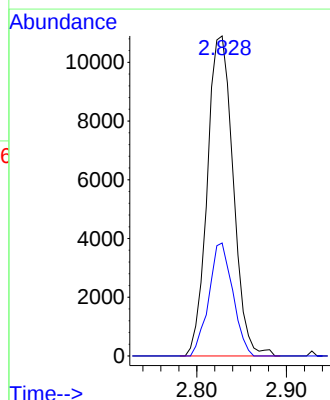
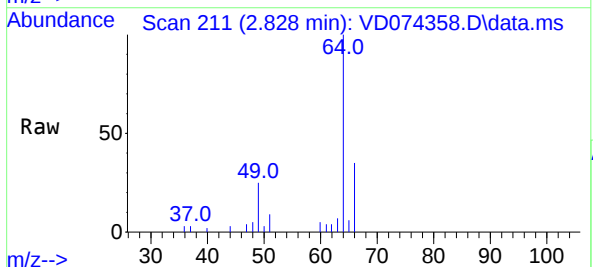
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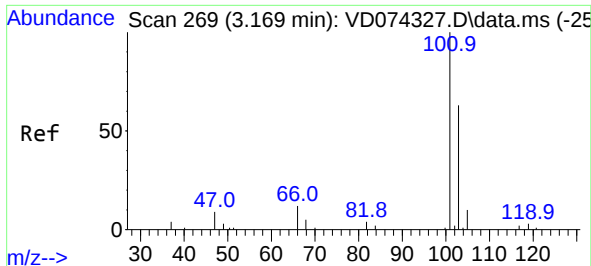
Tgt Ion: 94 Resp: 12140
Ion Ratio Lower Upper
94 100
96 92.4 74.6 112.0



#6
Chloroethane
Concen: 48.009 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 64 Resp: 21817
Ion Ratio Lower Upper
64 100
66 35.3 24.6 36.8

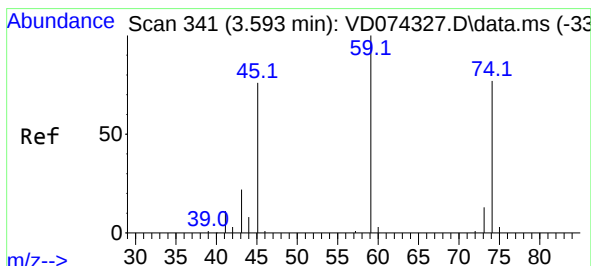
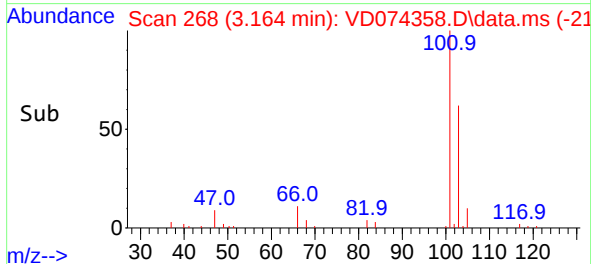
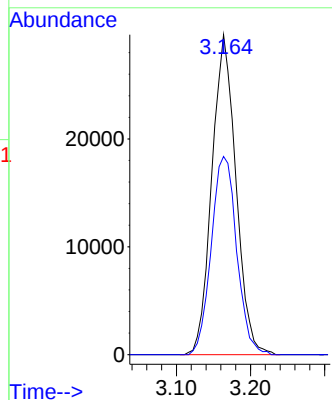
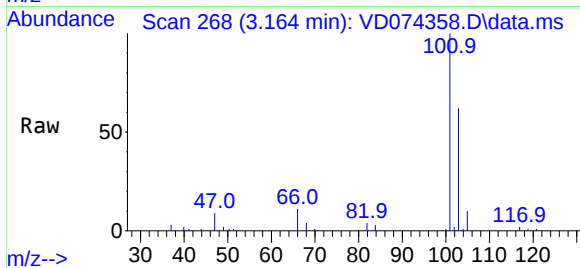




#7
Trichlorofluoromethane
Concen: 44.415 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

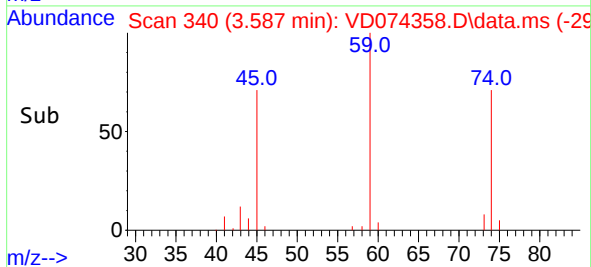
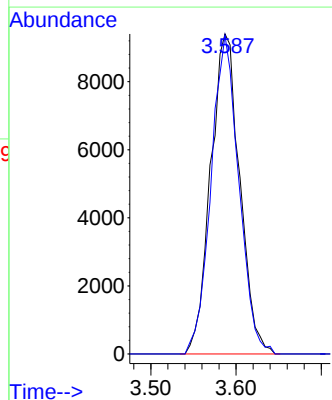
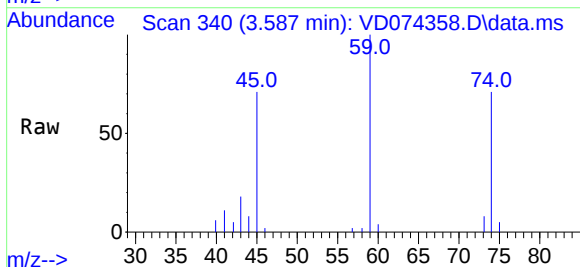
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

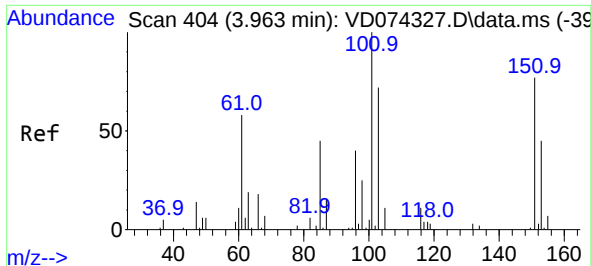
Tgt Ion:101 Resp: 66944
Ion Ratio Lower Upper
101 100
103 62.0 50.6 76.0



#8
Diethyl Ether
Concen: 46.337 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 74 Resp: 22263
Ion Ratio Lower Upper
74 100
45 95.1 47.9 143.6

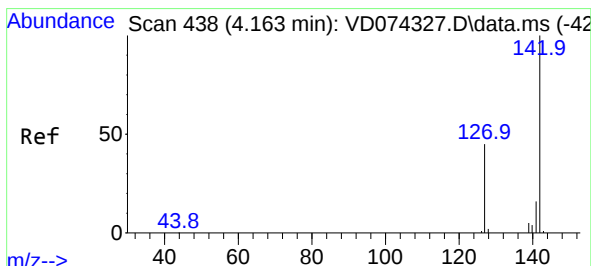
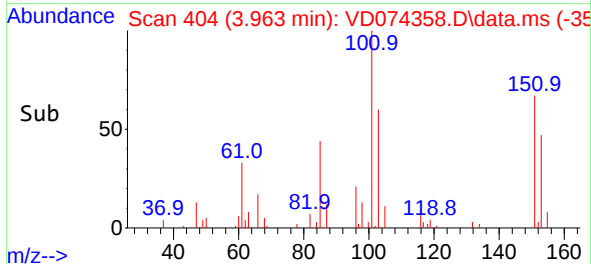
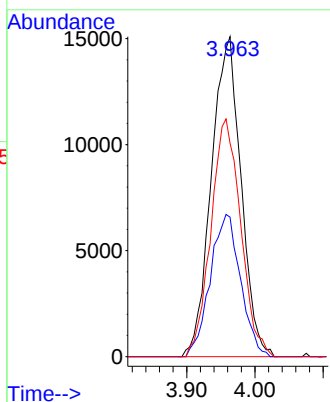
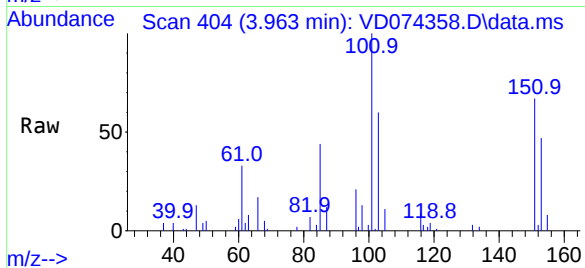




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.147 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

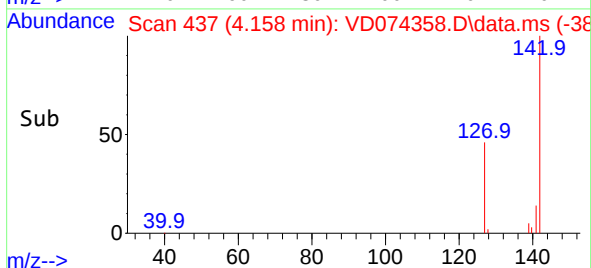
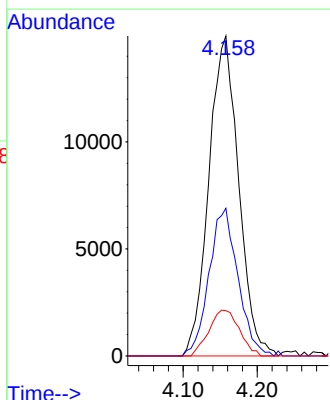
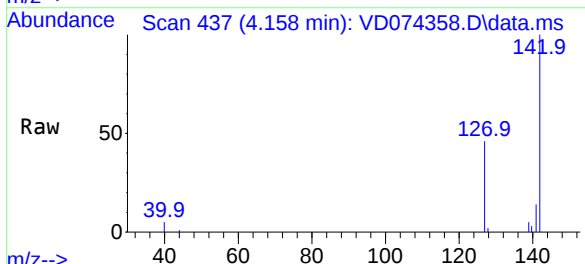
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

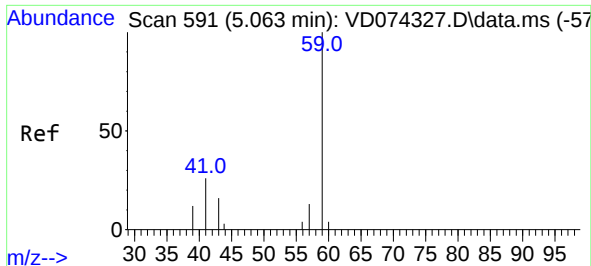
Tgt Ion:101 Resp: 45630
Ion Ratio Lower Upper
101 100
85 45.4 35.0 52.4
151 74.8 59.7 89.5



#10
Methyl Iodide
Concen: 35.656 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:142 Resp: 41742
Ion Ratio Lower Upper
142 100
127 44.7 34.6 51.8
141 14.6 11.7 17.5

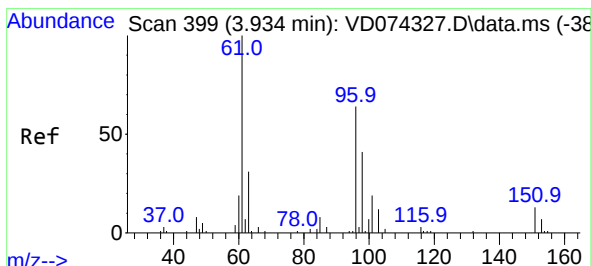
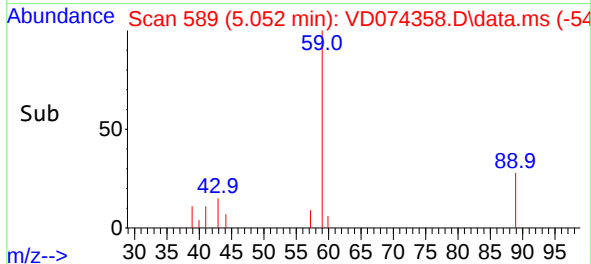
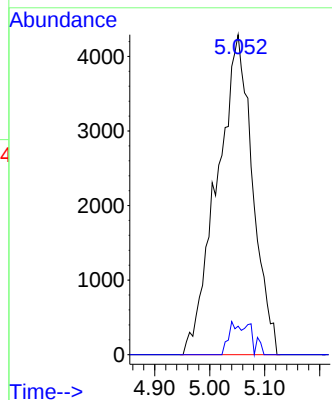
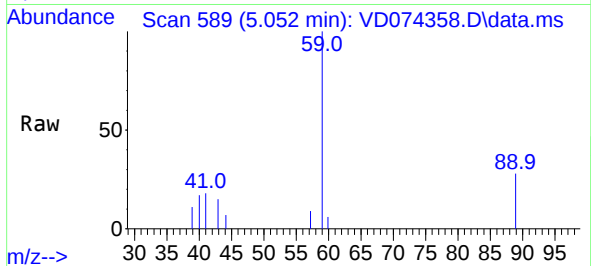




#11
Tert butyl alcohol
Concen: 325.294 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.011 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

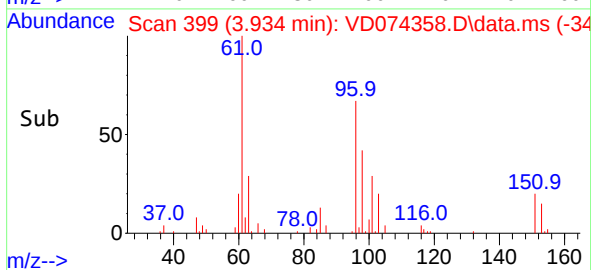
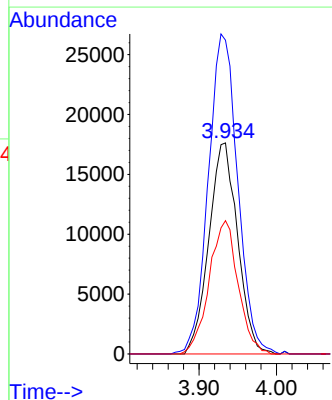
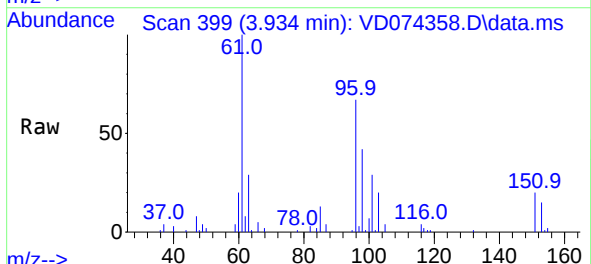
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

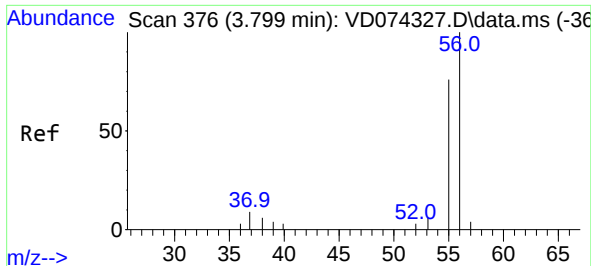
Tgt Ion: 59 Resp: 19263
Ion Ratio Lower Upper
59 100
57 3.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 47.184 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 96 Resp: 45519
Ion Ratio Lower Upper
96 100
61 148.6 122.3 183.5
98 63.1 50.7 76.1

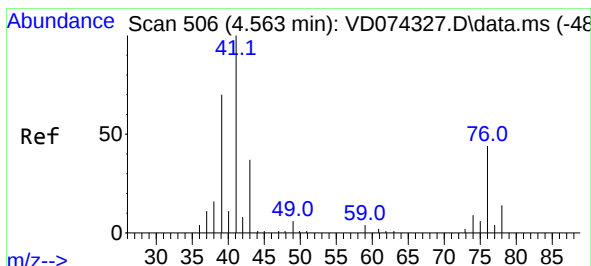
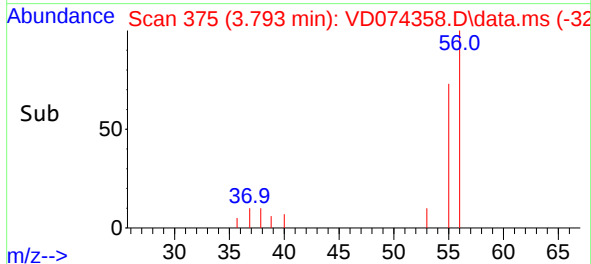
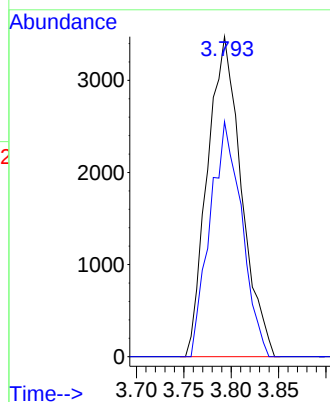
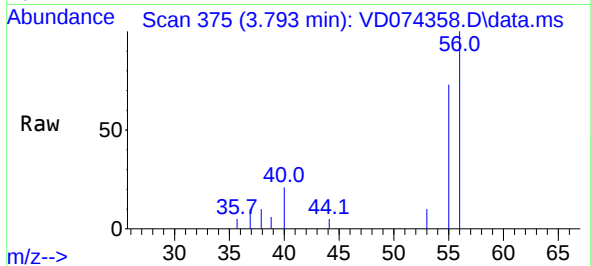




#13
Acrolein
Concen: 135.682 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

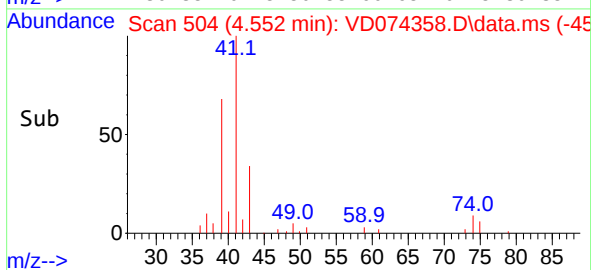
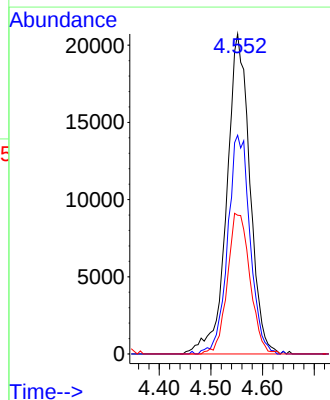
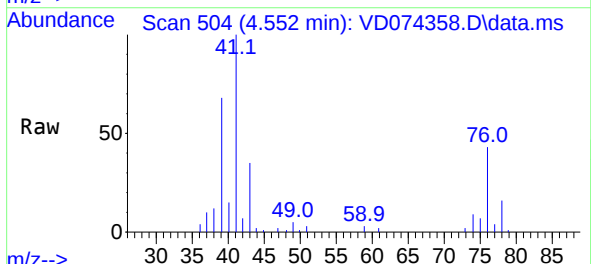
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

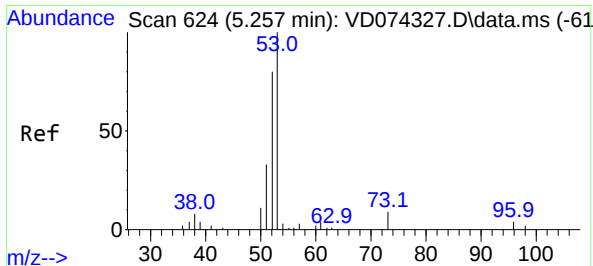
Tgt Ion: 56 Resp: 8665
Ion Ratio Lower Upper
56 100
55 68.7 57.4 86.2



#14
Allyl chloride
Concen: 46.034 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 41 Resp: 64272
Ion Ratio Lower Upper
41 100
39 66.1 52.8 79.2
76 43.0 32.9 49.3

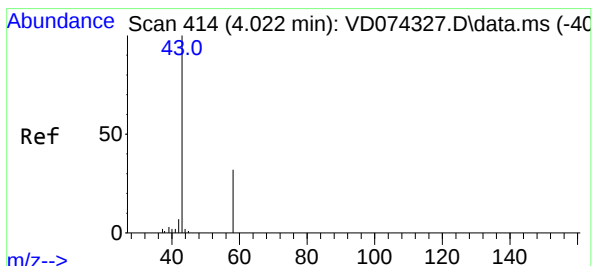
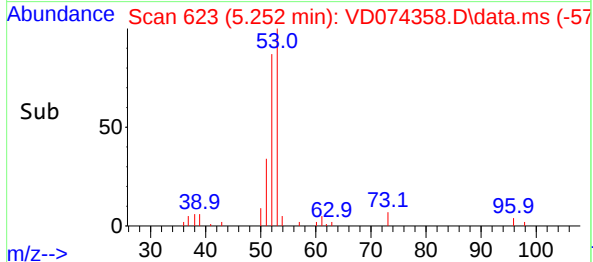
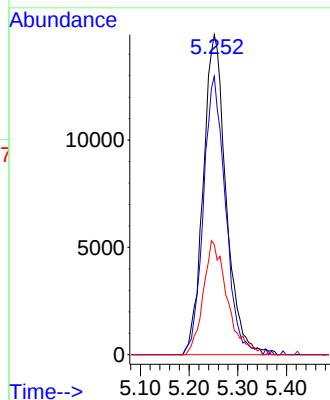
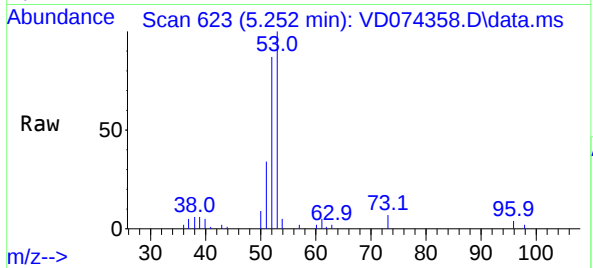




#15
Acrylonitrile
Concen: 229.906 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

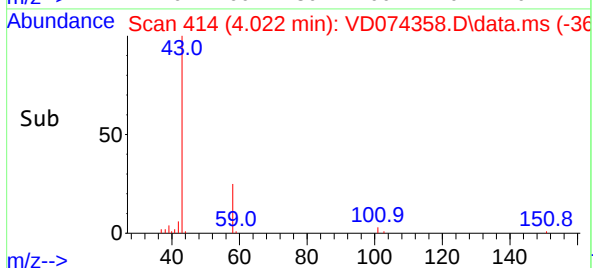
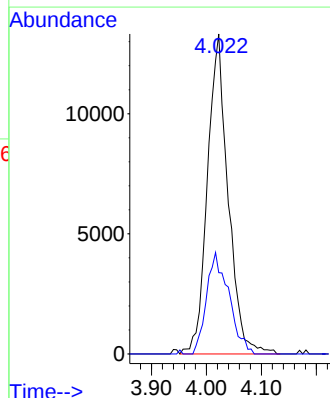
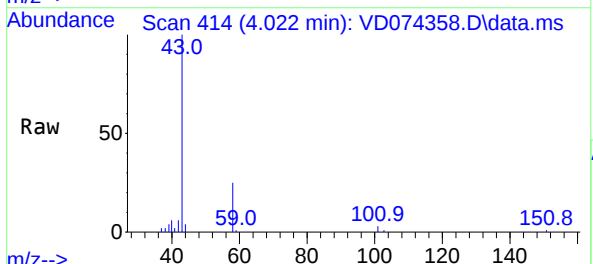
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

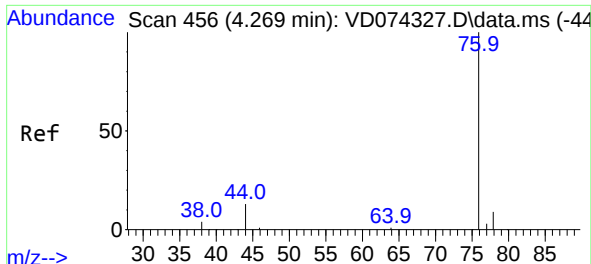
Tgt Ion: 53 Resp: 48688
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 37.1 29.0 43.6



#16
Acetone
Concen: 176.397 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 43 Resp: 34823
Ion Ratio Lower Upper
43 100
58 25.4 26.4 39.6#

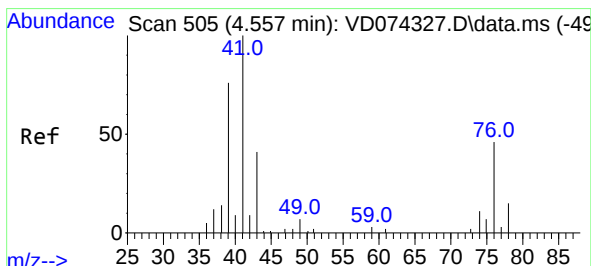
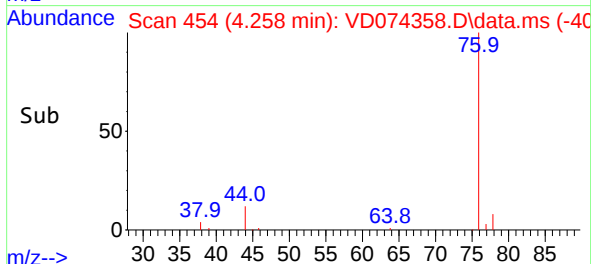
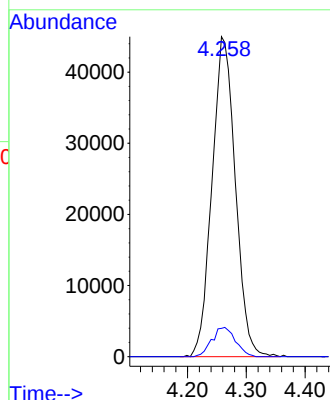
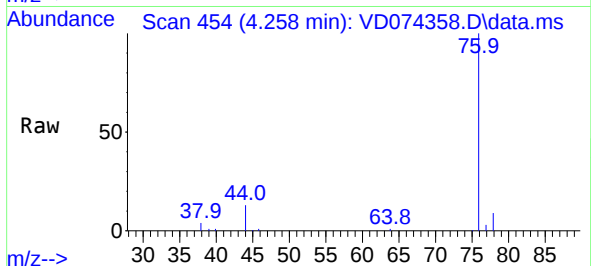




#17
Carbon Disulfide
Concen: 39.486 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

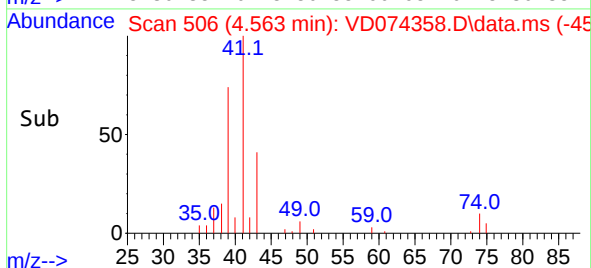
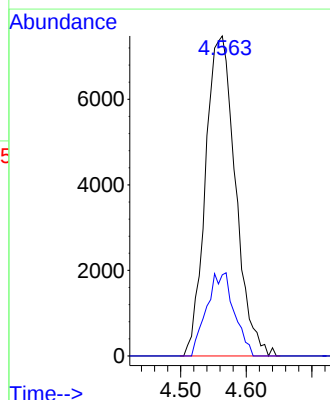
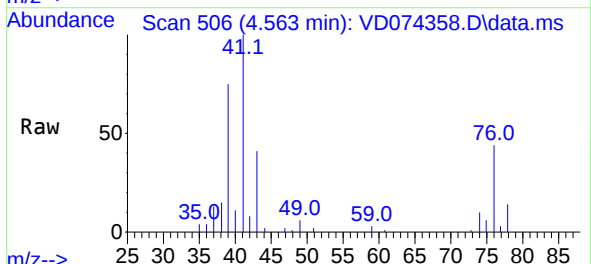
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

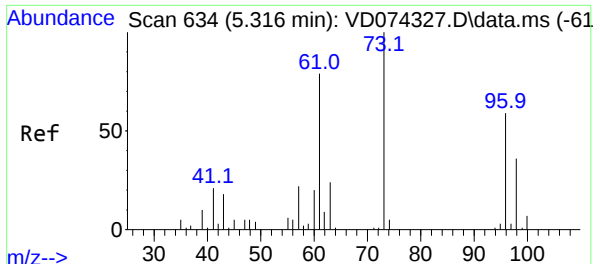
Tgt Ion: 76 Resp: 124037
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 43.684 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 43 Resp: 23685
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 49.952 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

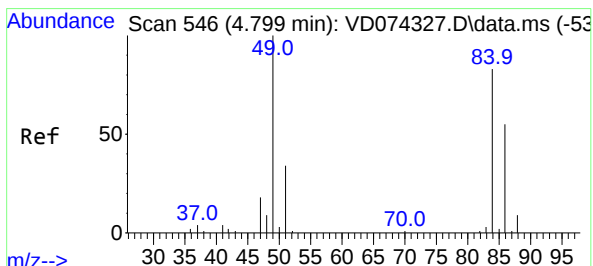
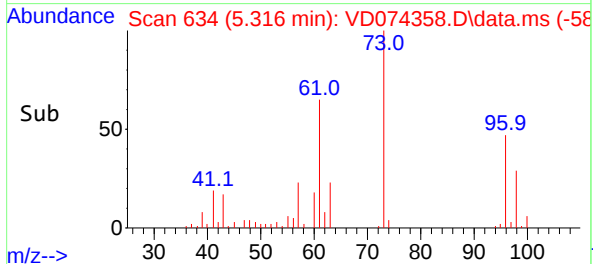
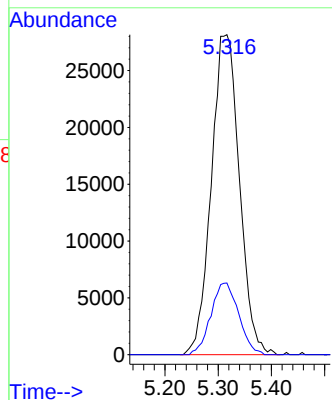
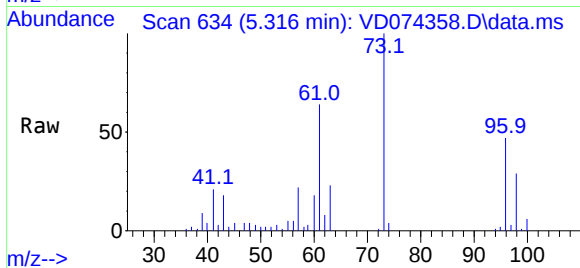
VSTDCCC050EC

Tgt Ion: 73 Resp: 103196

Ion Ratio Lower Upper

73 100

57 22.4 17.8 26.6



#20

Methylene Chloride

Concen: 51.031 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Tgt Ion: 84 Resp: 62734

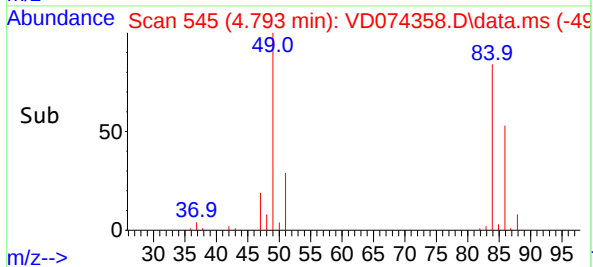
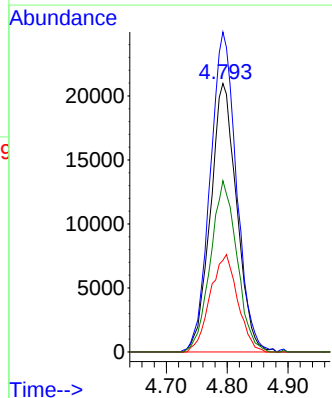
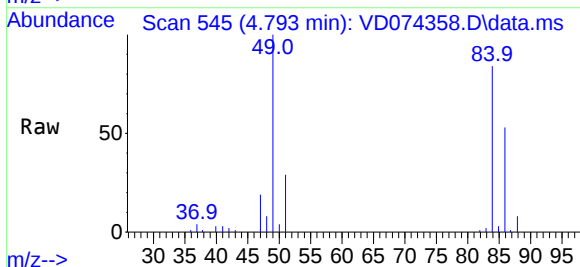
Ion Ratio Lower Upper

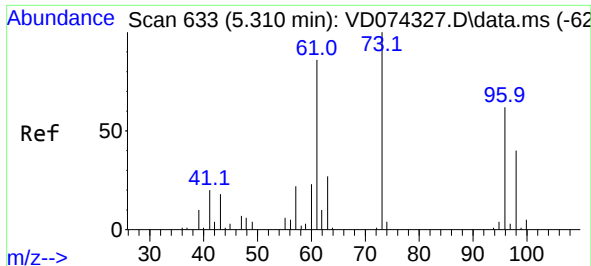
84 100

49 119.2 88.4 132.6

51 34.2 28.0 42.0

86 63.8 47.1 70.7

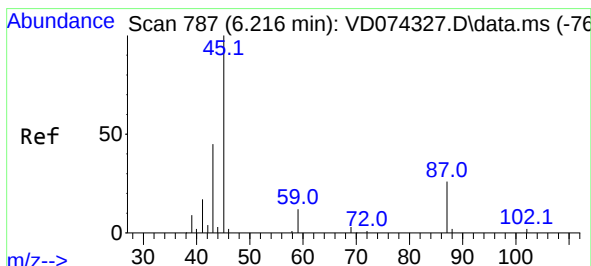
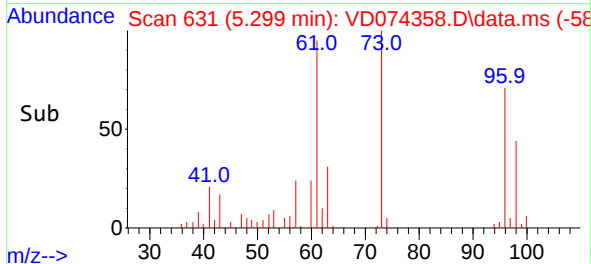
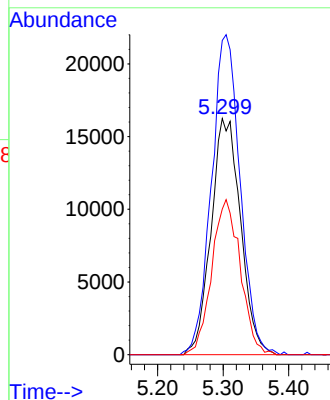
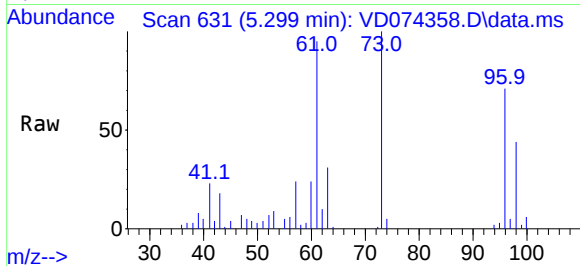




#21
trans-1,2-Dichloroethene
Concen: 47.463 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

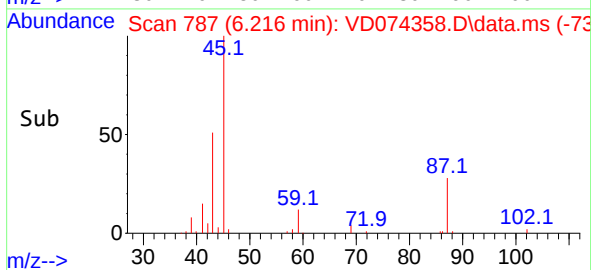
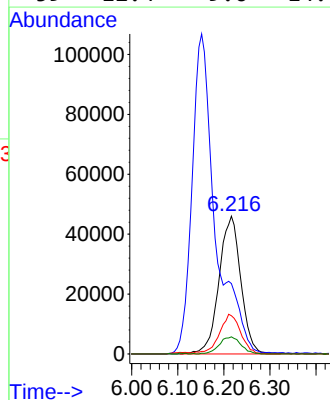
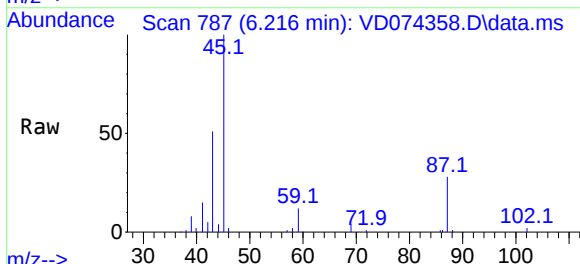
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

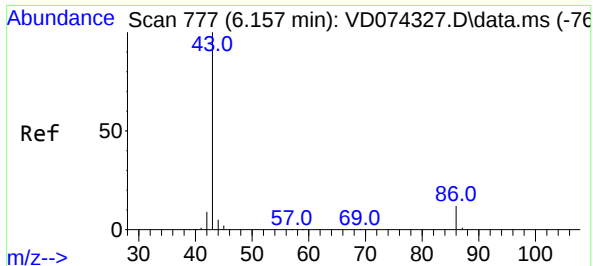
Tgt Ion: 96 Resp: 50698
Ion Ratio Lower Upper
96 100
61 133.0 105.1 157.7
98 61.7 47.4 71.2



#22
Diisopropyl ether
Concen: 51.331 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 45 Resp: 150947
Ion Ratio Lower Upper
45 100
43 50.1 38.9 58.3
87 27.7 21.0 31.4
59 12.4 9.6 14.4

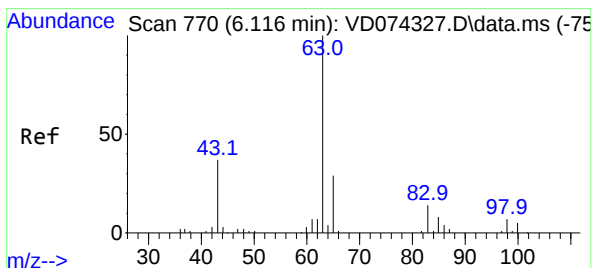
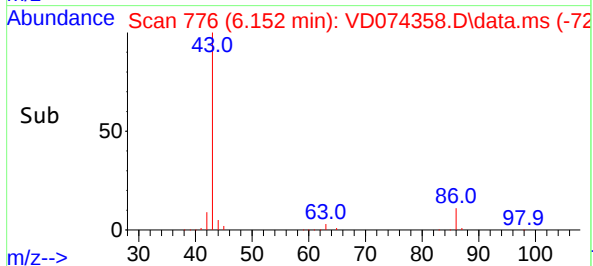
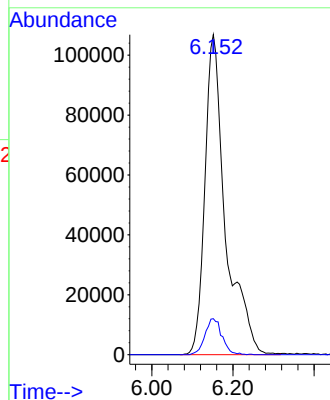
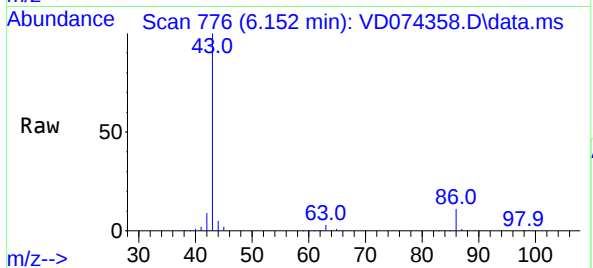




#23
 Vinyl Acetate
 Concen: 251.612 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

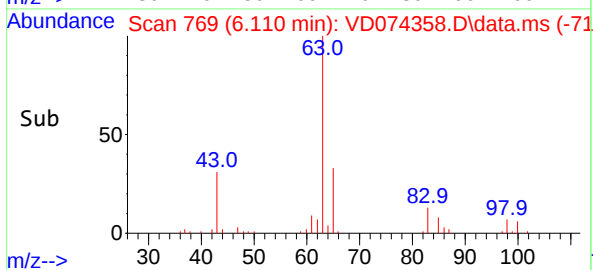
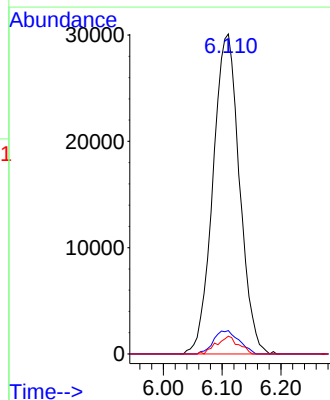
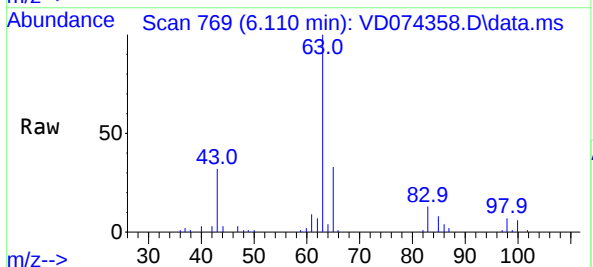
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

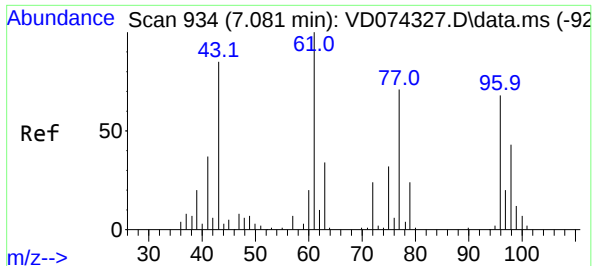
Tgt Ion: 43 Resp: 375877
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.865 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

Tgt Ion: 63 Resp: 94385
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.8 8.4
 100 5.6 2.2 6.6





#25

2-Butanone

Concen: 206.346 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

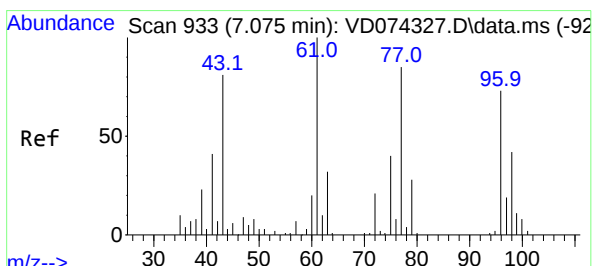
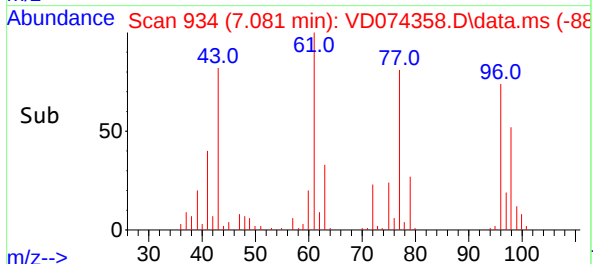
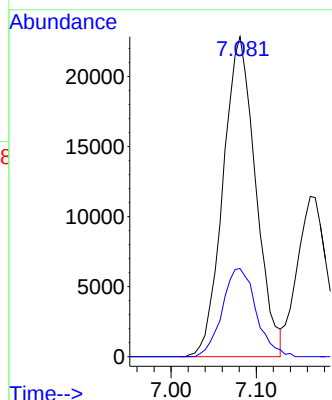
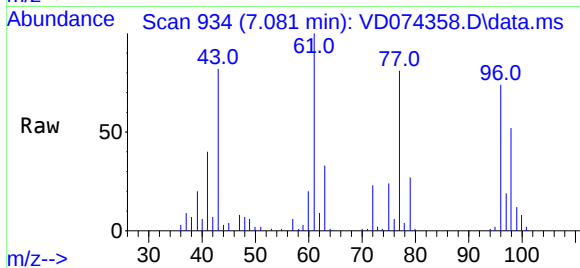
VSTDCCC050EC

Tgt Ion: 43 Resp: 60673

Ion Ratio Lower Upper

43 100

72 27.5 21.8 32.6



#26

2,2-Dichloropropane

Concen: 48.004 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD074358.D

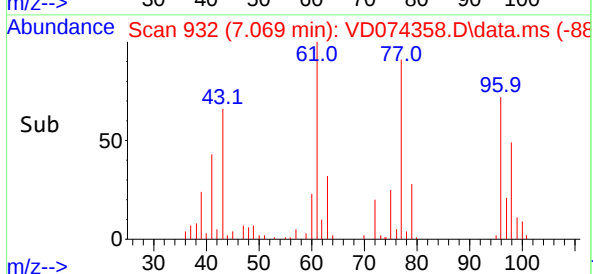
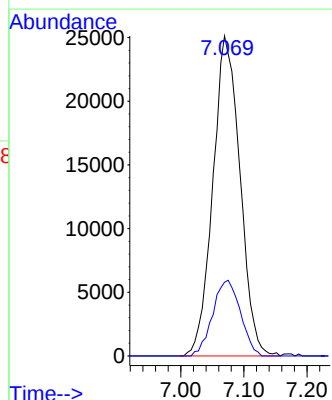
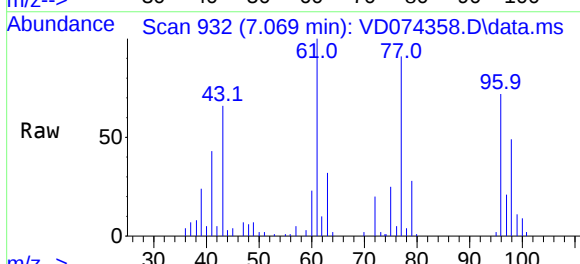
Acq: 19 Sep 2022 20:52

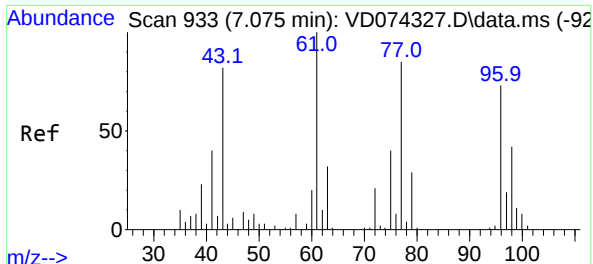
Tgt Ion: 77 Resp: 75007

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4



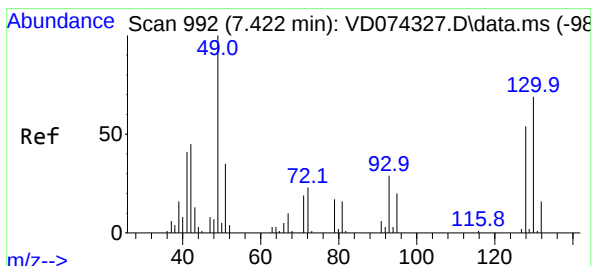
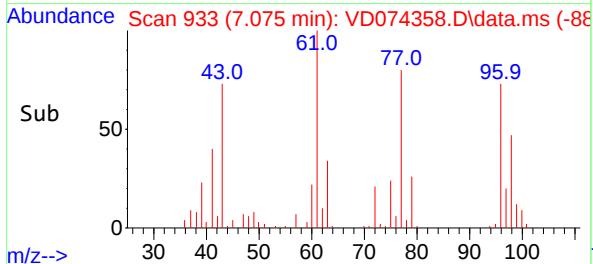
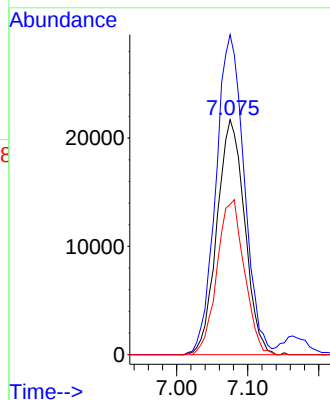
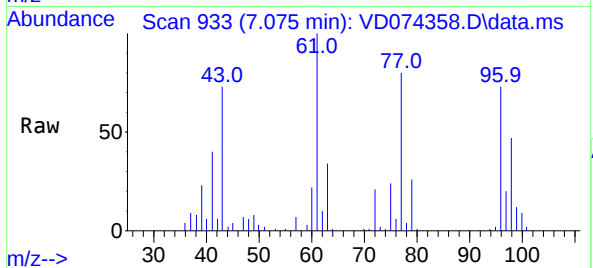


#27
 cis-1,2-Dichloroethene
 Concen: 49.711 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 58830

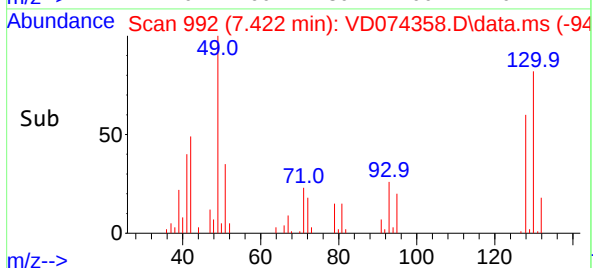
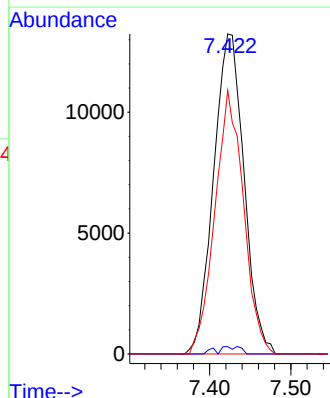
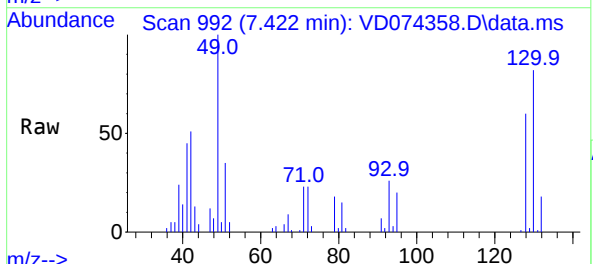
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	289.4
98	65.1	0.0	130.2

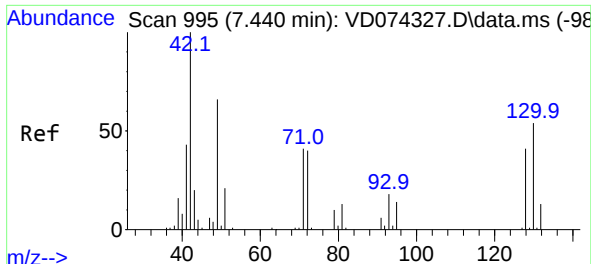


#28
 Bromochloromethane
 Concen: 47.160 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

Tgt Ion: 49 Resp: 34468

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.6
130	77.3	62.2	93.2

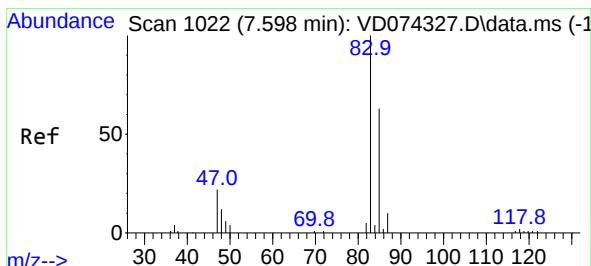
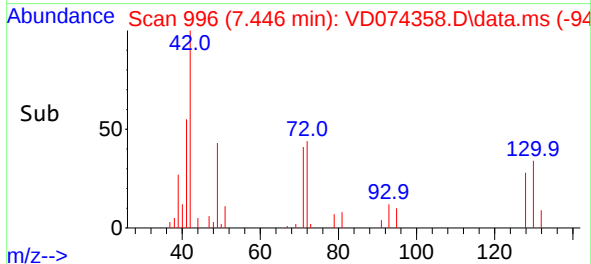
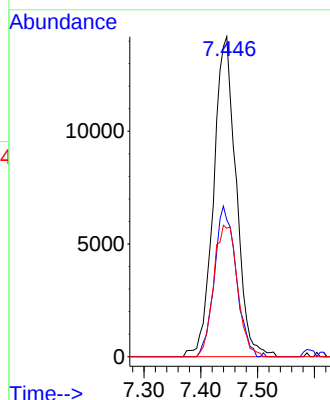
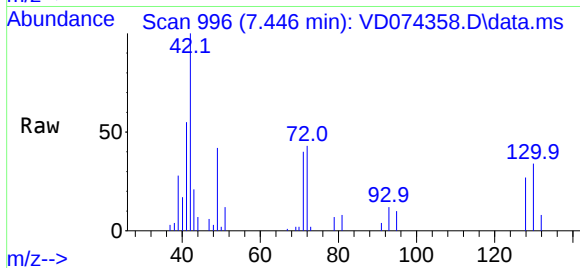




#29
Tetrahydrofuran
Concen: 232.001 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

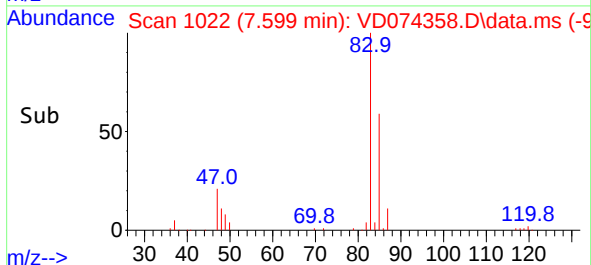
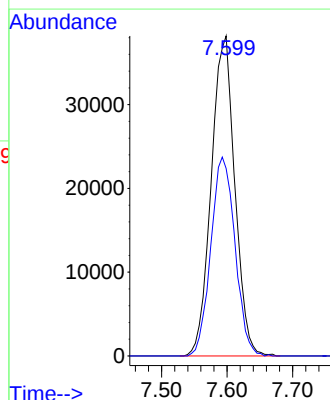
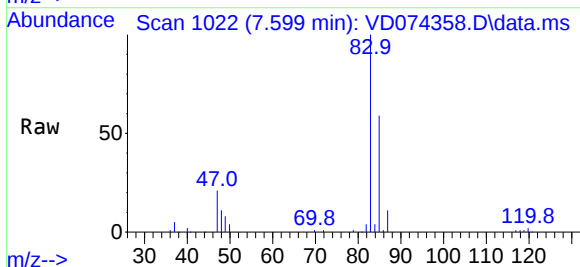
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

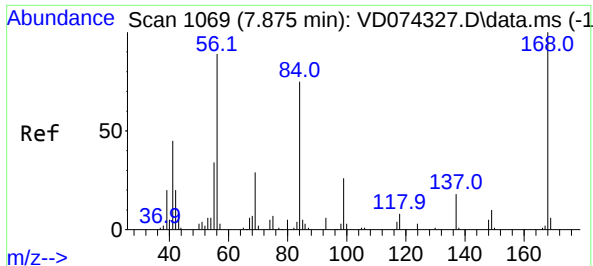
Tgt Ion: 42 Resp: 39094
Ion Ratio Lower Upper
42 100
72 45.1 36.1 54.1
71 43.3 34.1 51.1



#30
Chloroform
Concen: 51.184 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.001 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

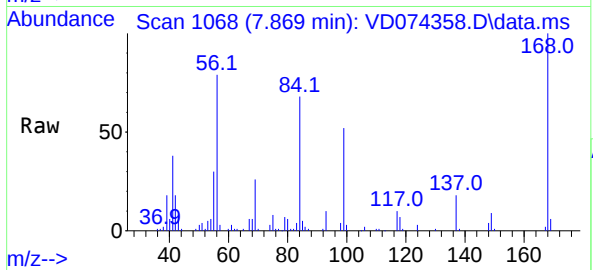
Tgt Ion: 83 Resp: 95264
Ion Ratio Lower Upper
83 100
85 58.6 56.7 85.1



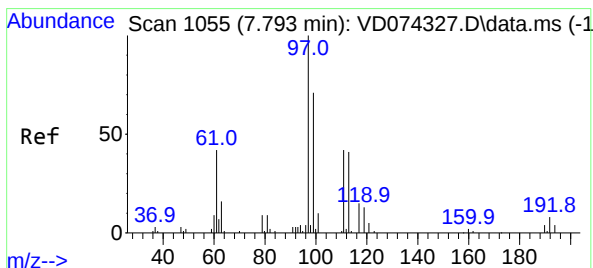
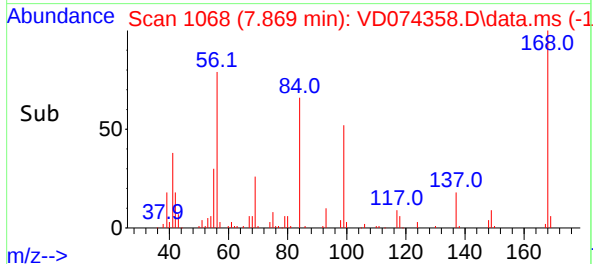
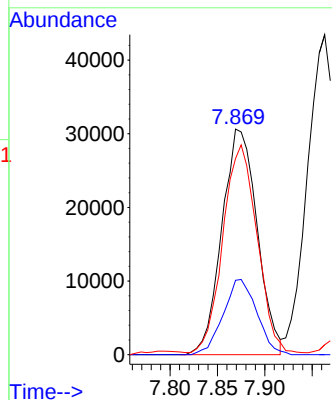


#31
Cyclohexane
Concen: 43.216 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

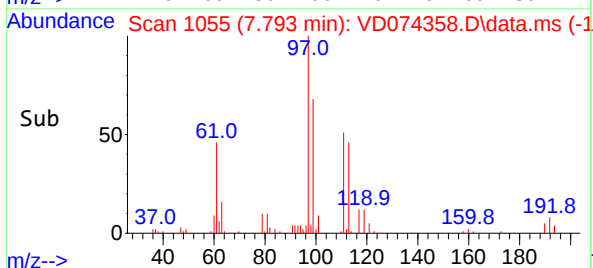
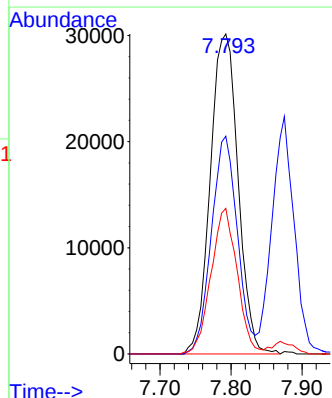
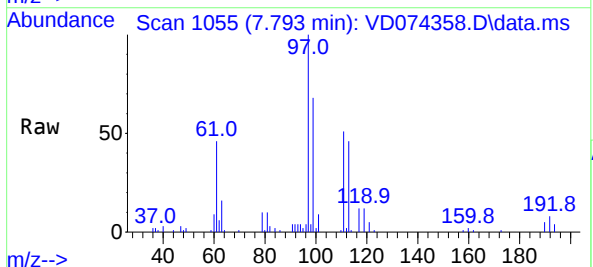


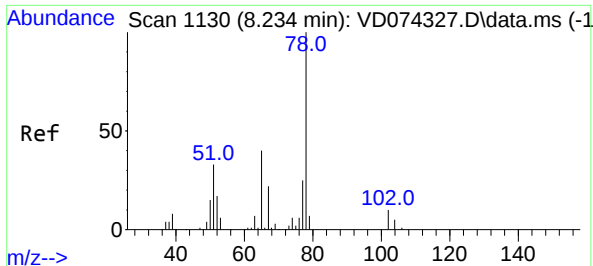
Tgt Ion: 56 Resp: 79420
Ion Ratio Lower Upper
56 100
69 33.0 25.7 38.5
84 85.8 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 49.800 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 97 Resp: 81765
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 42.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

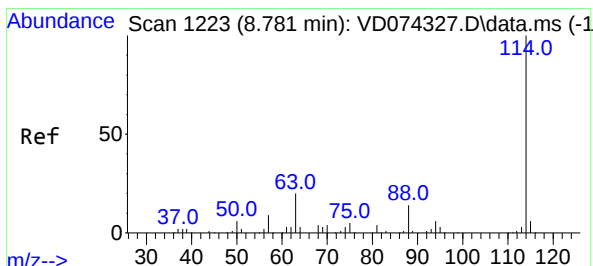
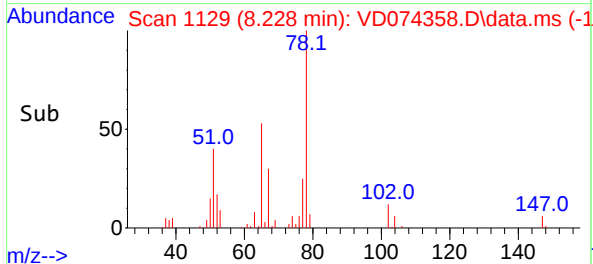
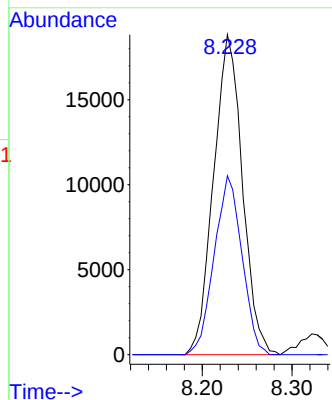
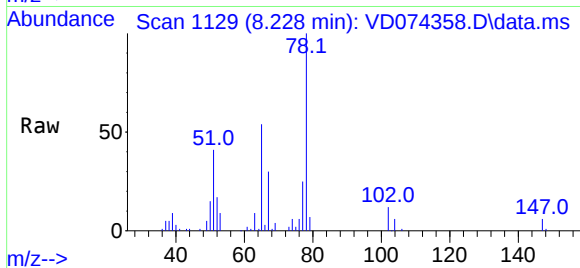
VSTDCCC050EC

Tgt Ion: 65 Resp: 41973

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

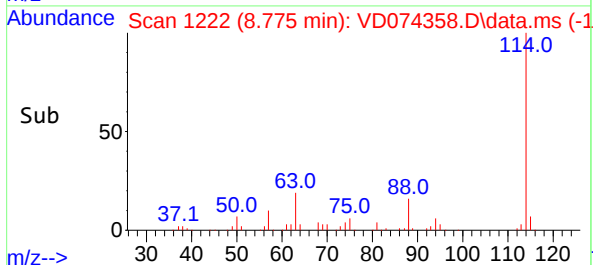
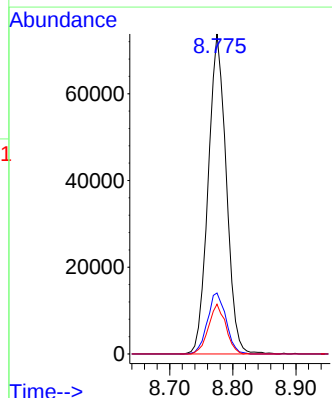
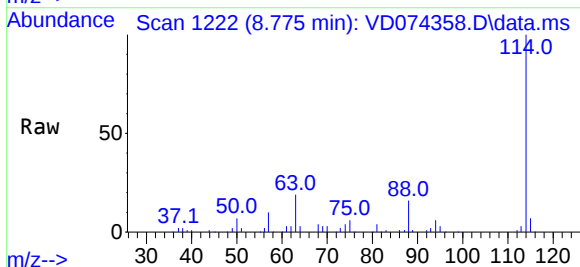
Tgt Ion: 114 Resp: 146432

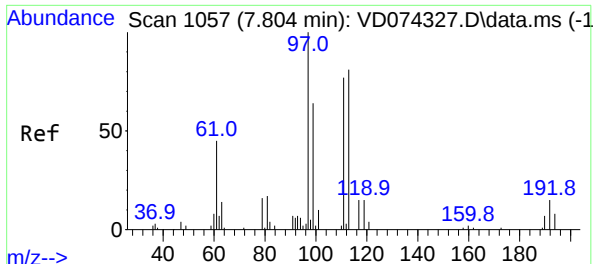
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.6

88 15.6 0.0 28.4

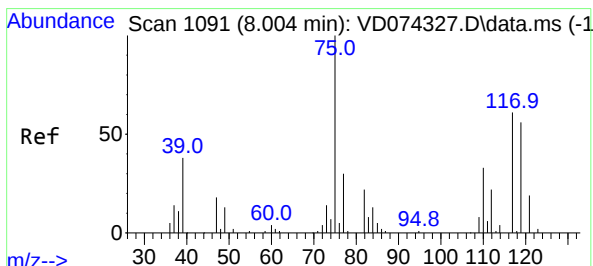
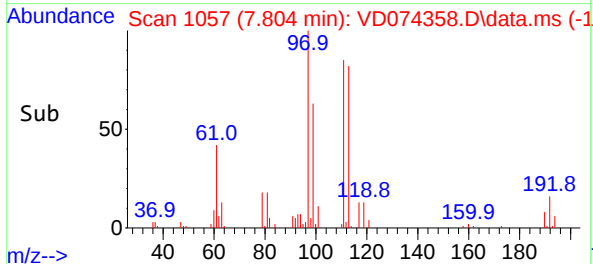
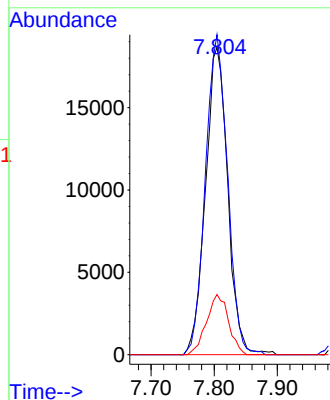
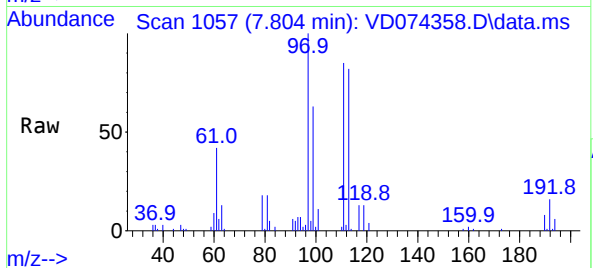




#35
Dibromofluoromethane
Concen: 47.345 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

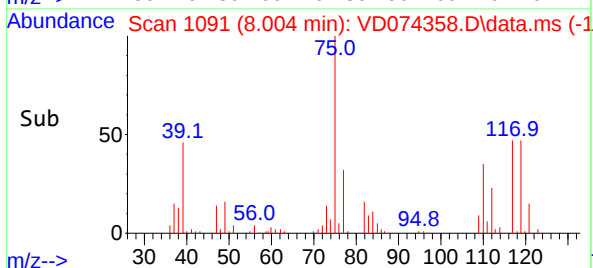
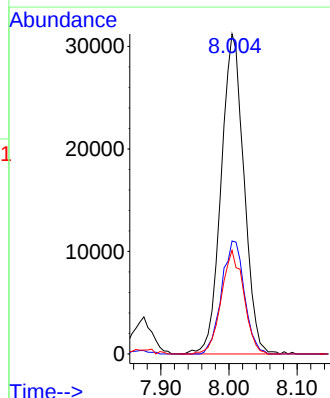
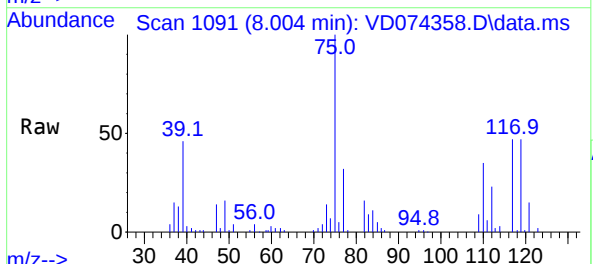
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

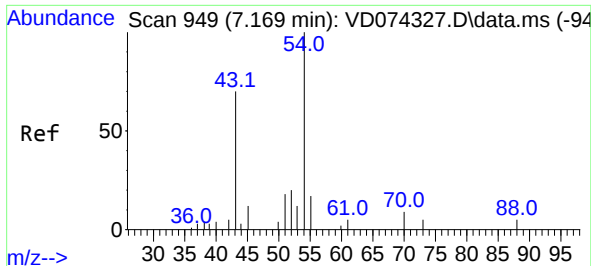
Tgt Ion:113 Resp: 45660
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.6
192 19.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 49.317 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 75 Resp: 72602
Ion Ratio Lower Upper
75 100
110 35.3 17.5 52.5
77 31.8 24.8 37.2



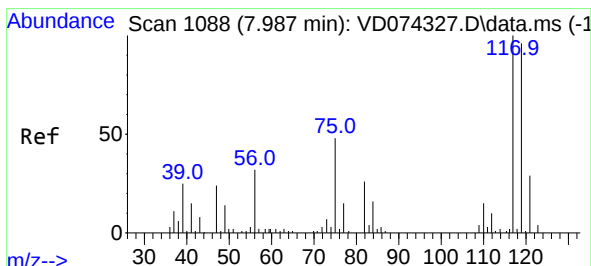
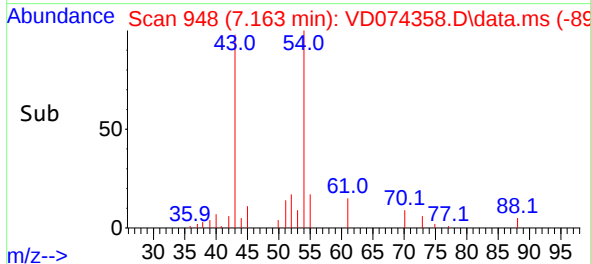
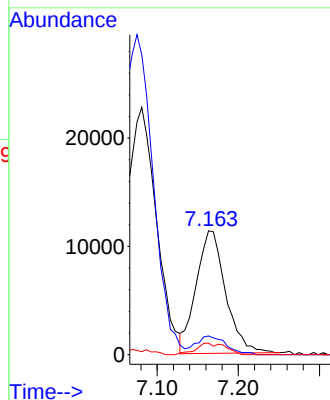
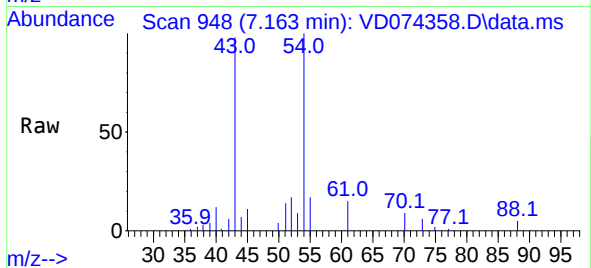


#37
Ethyl Acetate
Concen: 48.391 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 28540

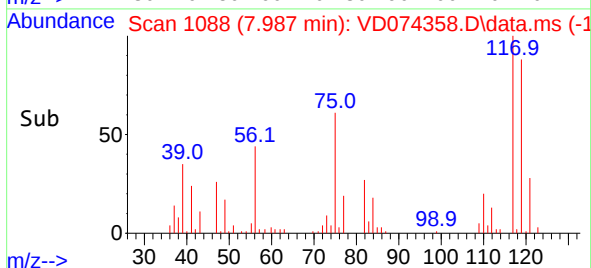
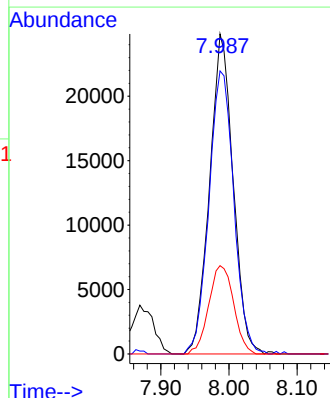
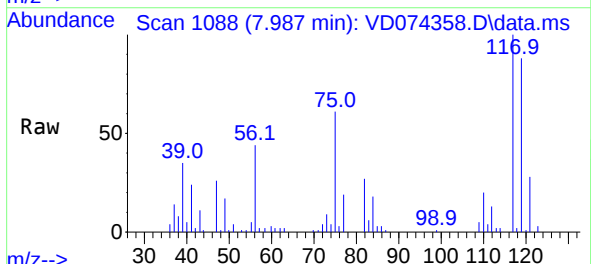
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	9.5	8.5	12.7

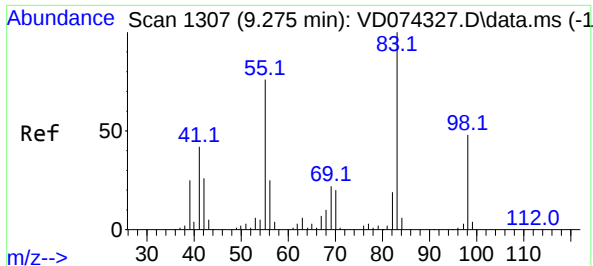


#38
Carbon Tetrachloride
Concen: 45.694 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 117 Resp: 59613

Ion	Ratio	Lower	Upper
117	100		
119	88.5	78.8	118.2
121	27.6	23.9	35.9





#39

Methylcyclohexane

Concen: 48.646 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

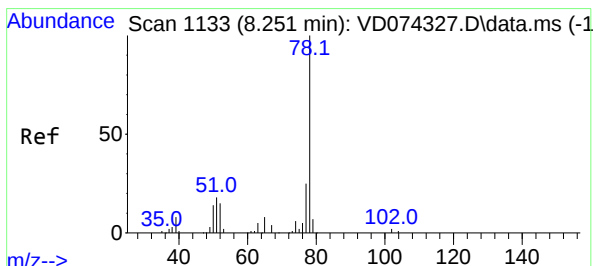
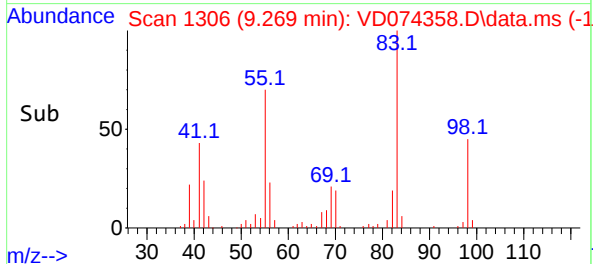
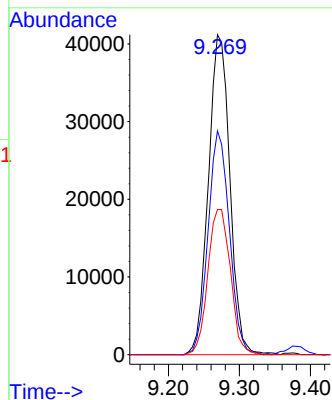
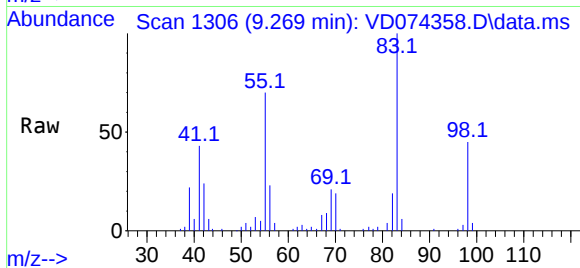
Tgt Ion: 83 Resp: 86624

Ion Ratio Lower Upper

83 100

55 70.0 57.2 85.8

98 45.3 38.3 57.5



#40

Benzene

Concen: 50.969 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.005 min

Lab File: VD074358.D

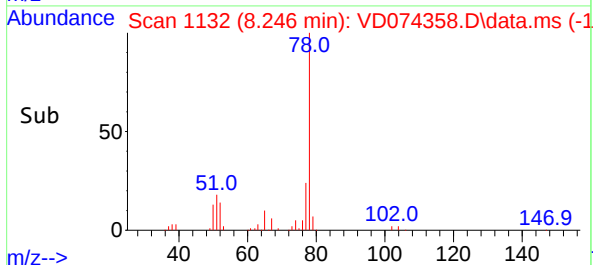
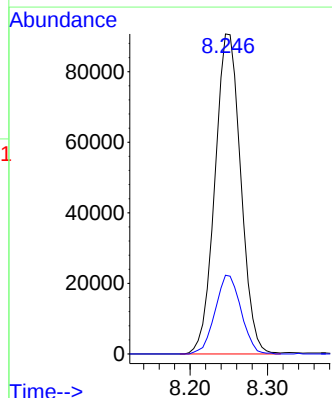
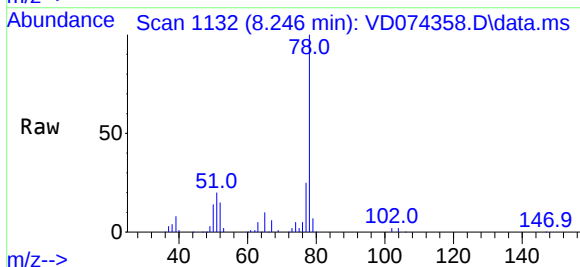
Acq: 19 Sep 2022 20:52

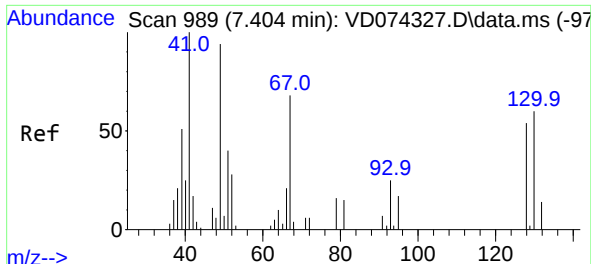
Tgt Ion: 78 Resp: 210390

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2

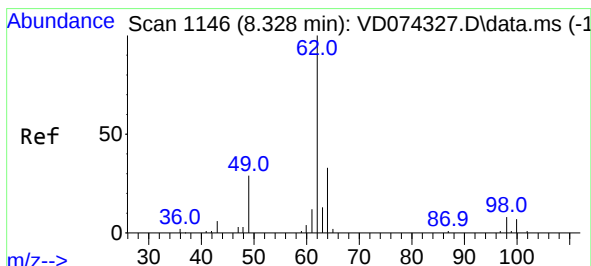
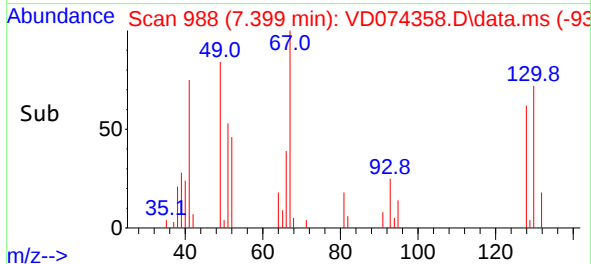
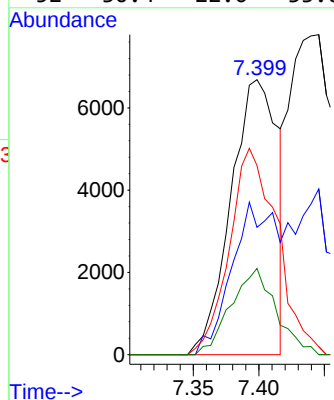
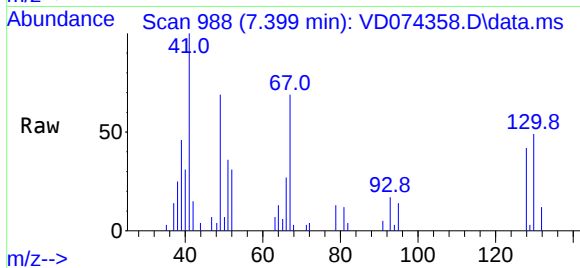




#41
Methacrylonitrile
Concen: 51.689 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

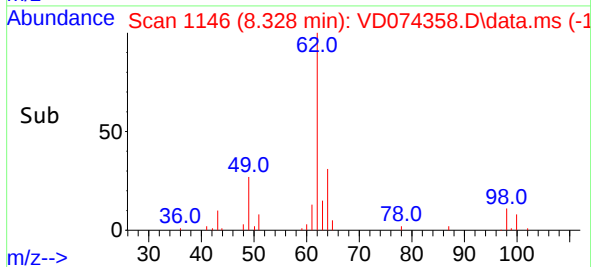
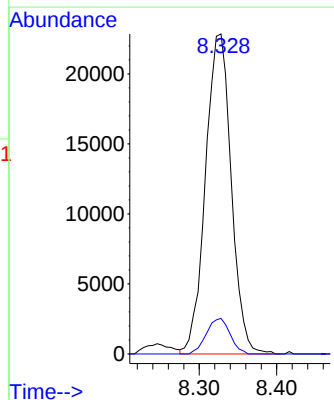
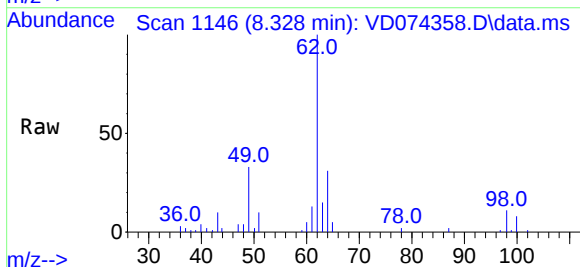
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

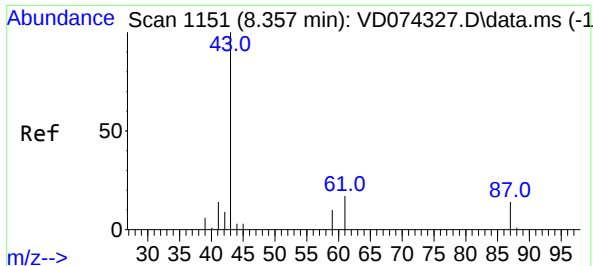
Tgt Ion: 41 Resp: 16547
Ion Ratio Lower Upper
41 100
39 52.9 39.8 59.6
67 77.1 56.1 84.1
52 30.4 22.0 33.0



#42
1,2-Dichloroethane
Concen: 50.078 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 62 Resp: 52793
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.4

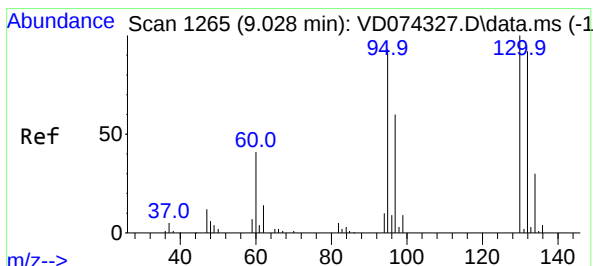
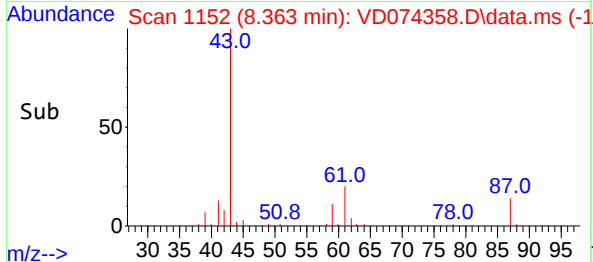
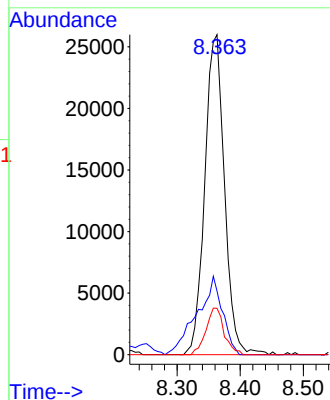
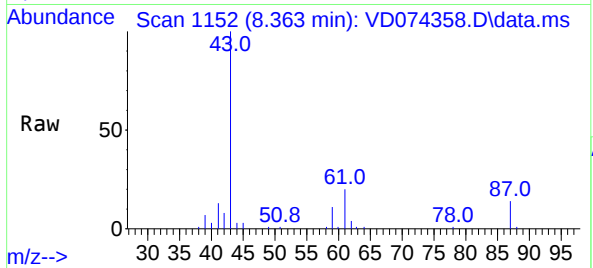




#43
Isopropyl Acetate
Concen: 51.830 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

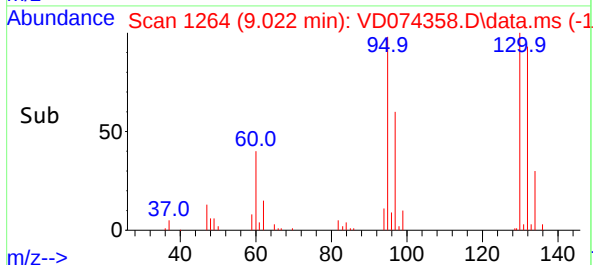
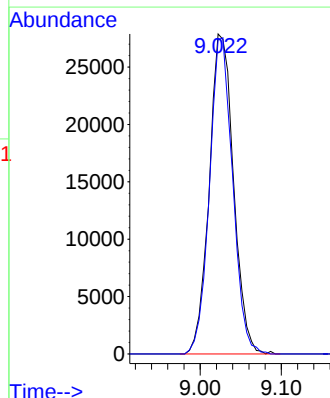
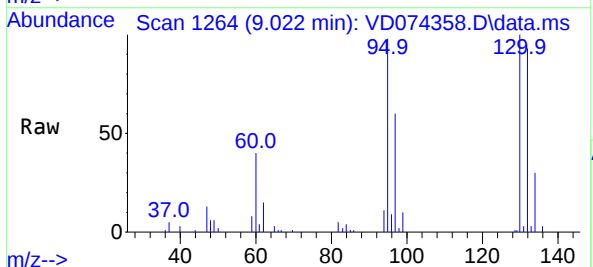
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

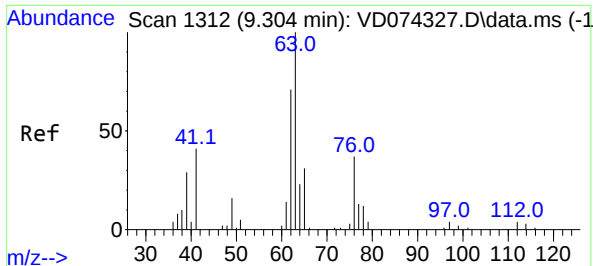
Tgt Ion: 43	Resp: 56396
Ion Ratio	Lower Upper
43 100	
61 31.6	24.5 36.7
87 13.4	10.8 16.2



#44
Trichloroethene
Concen: 53.336 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 130	Resp: 57883
Ion Ratio	Lower Upper
130 100	
95 98.1	0.0 202.2





#45

1,2-Dichloropropane

Concen: 52.826 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

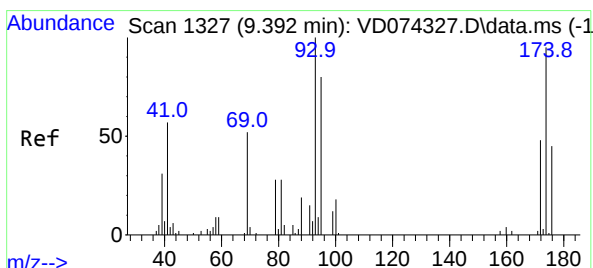
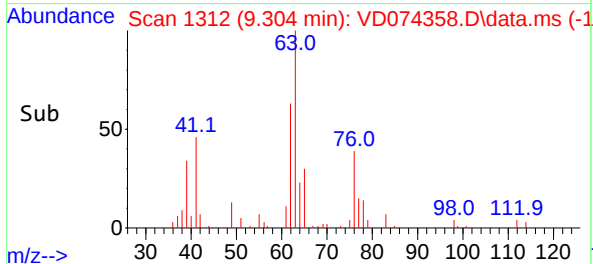
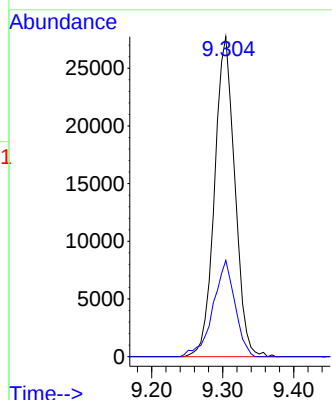
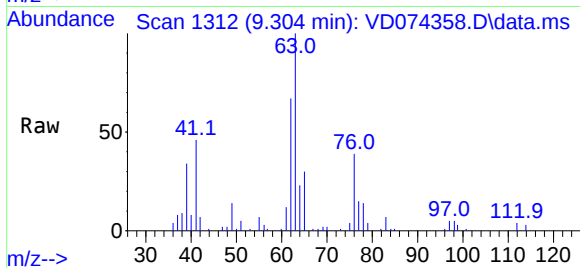
VSTDCCC050EC

Tgt Ion: 63 Resp: 54840

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 49.865 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.001 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

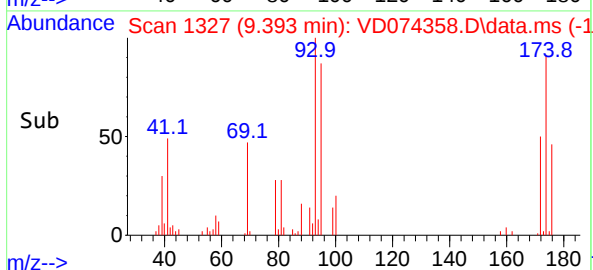
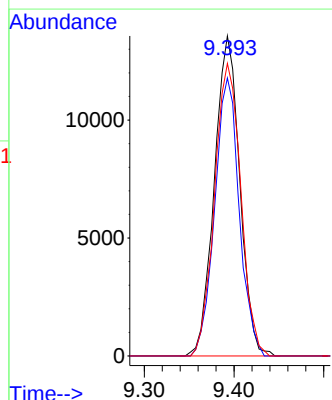
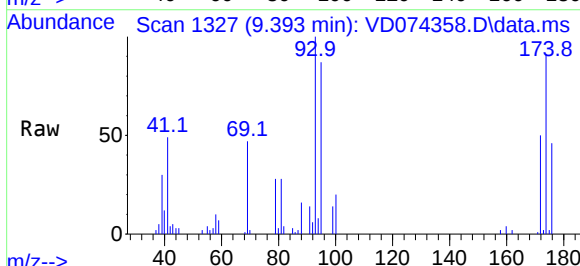
Tgt Ion: 93 Resp: 26627

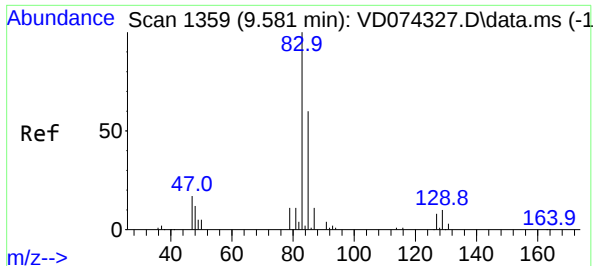
Ion Ratio Lower Upper

93 100

95 84.0 67.7 101.5

174 94.4 79.6 119.4

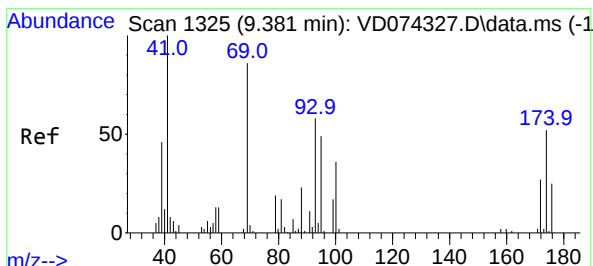
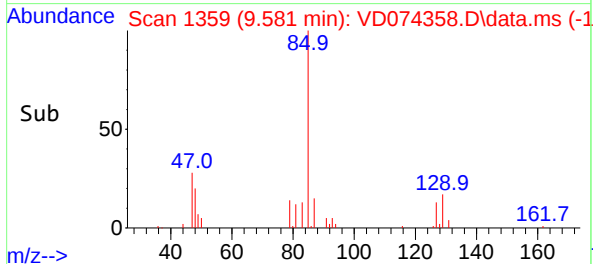
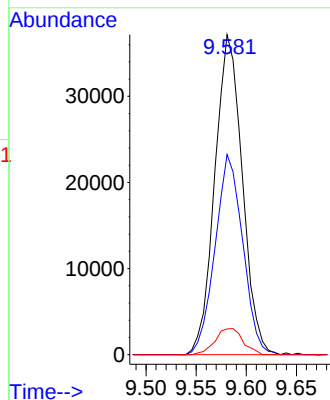
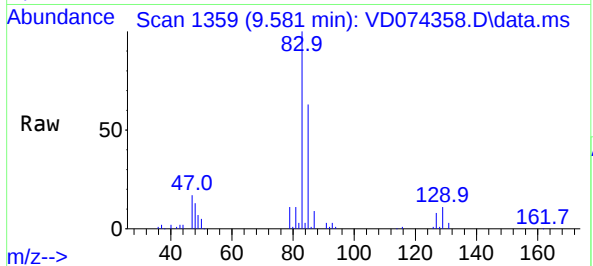




#47
Bromodichloromethane
Concen: 53.742 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

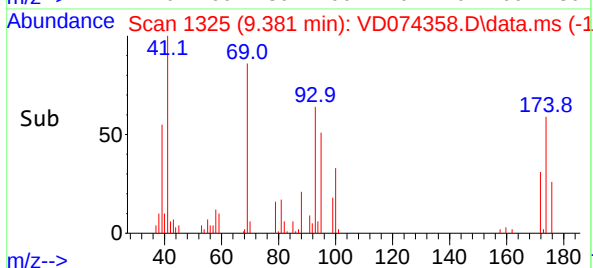
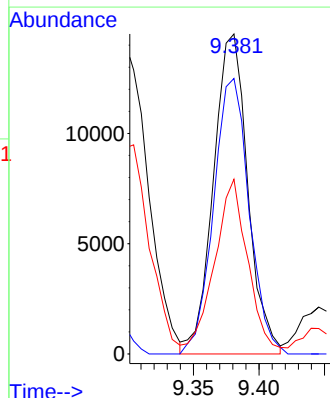
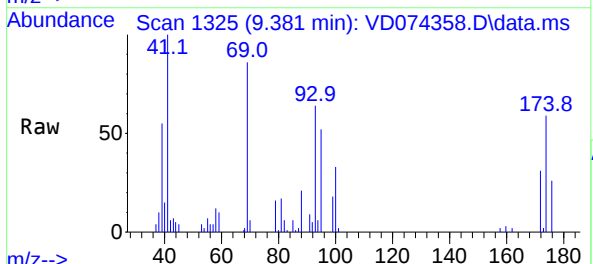
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

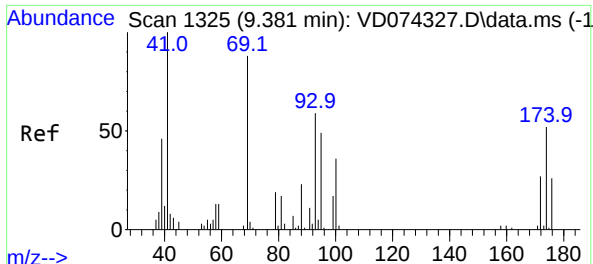
Tgt Ion: 83 Resp: 70684
Ion Ratio Lower Upper
83 100
85 62.5 53.4 80.2
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 50.157 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 41 Resp: 26411
Ion Ratio Lower Upper
41 100
69 89.0 72.7 109.1
39 49.4 41.6 62.4

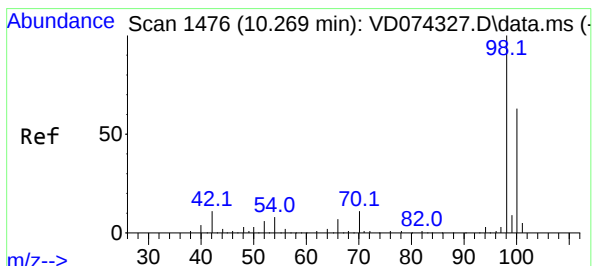
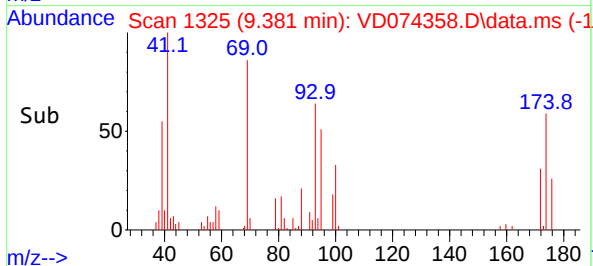
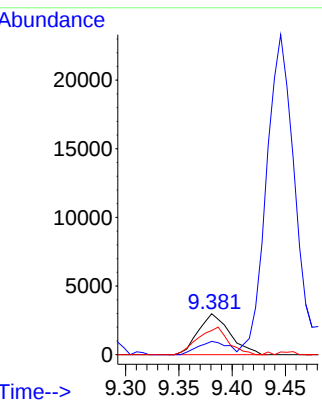
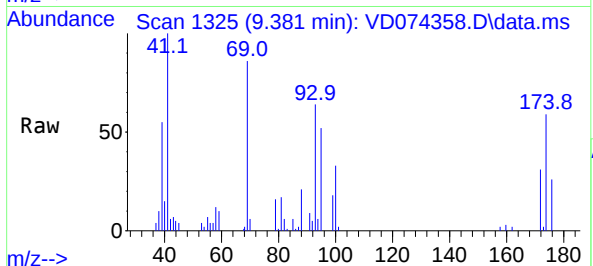




#49
1,4-Dioxane
Concen: 1052.585 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

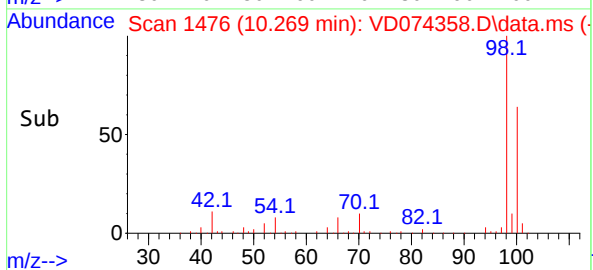
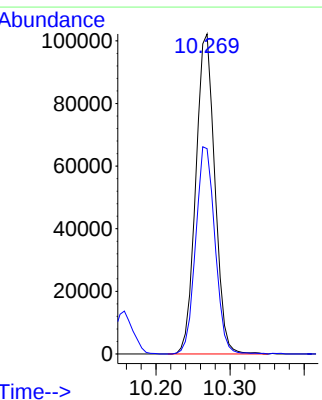
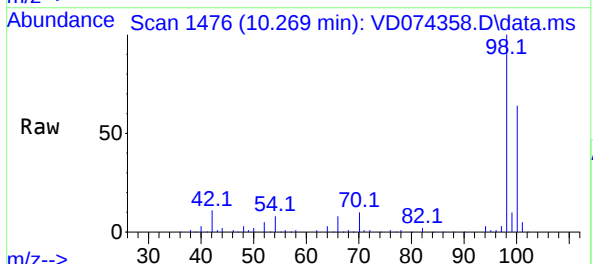
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

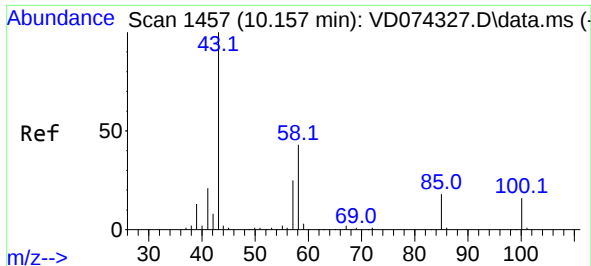
Tgt Ion: 88 Resp: 6151
Ion Ratio Lower Upper
88 100
43 30.9 27.0 40.4
58 64.4 54.2 81.2



#50
Toluene-d8
Concen: 54.695 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 98 Resp: 182008
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8

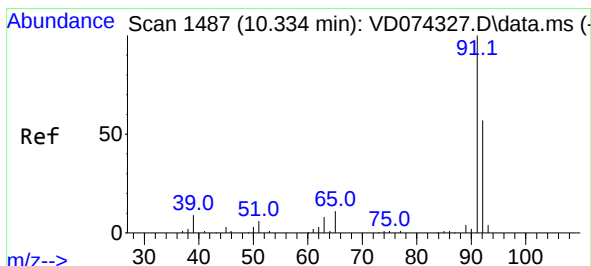
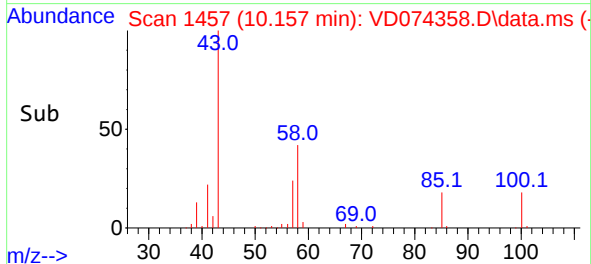
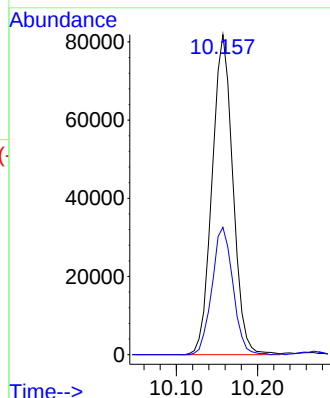
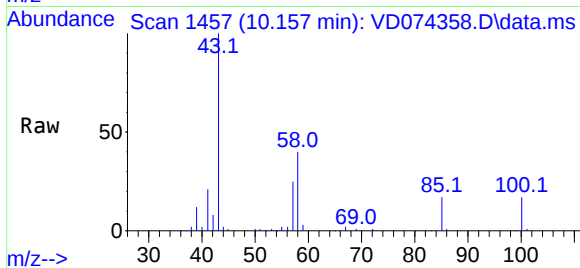




#51
4-Methyl-2-Pentanone
Concen: 254.893 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

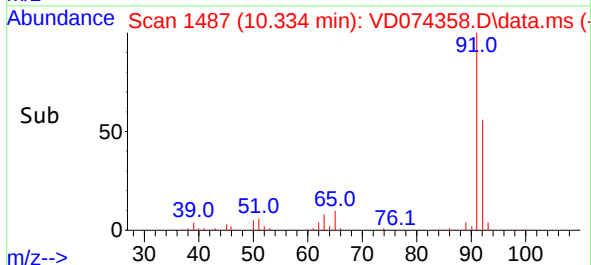
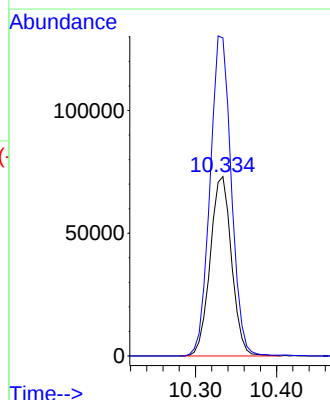
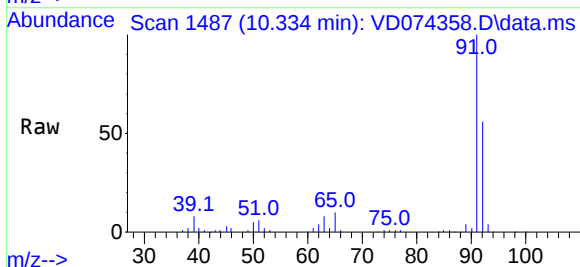
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

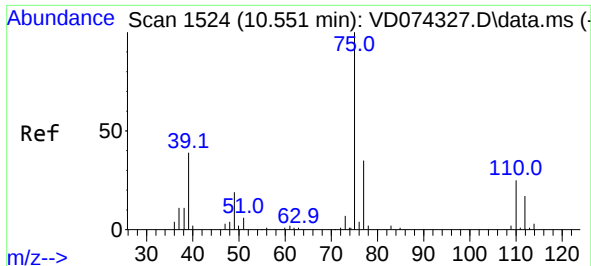
Tgt Ion: 43 Resp: 145718
Ion Ratio Lower Upper
43 100
58 40.0 33.3 49.9



#52
Toluene
Concen: 52.517 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 92 Resp: 133530
Ion Ratio Lower Upper
92 100
91 177.5 139.3 208.9

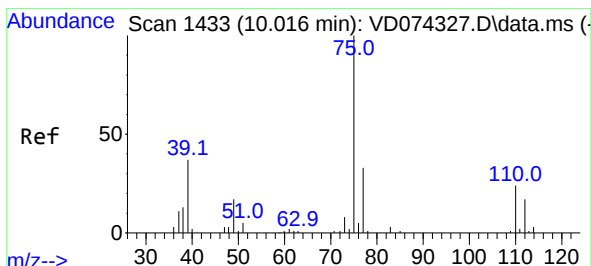
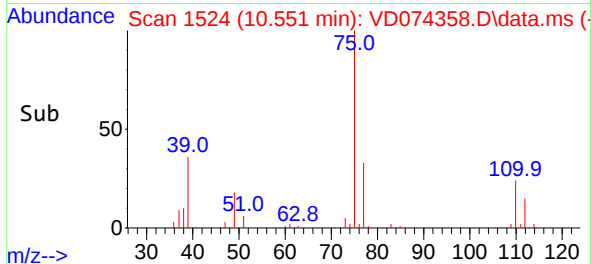
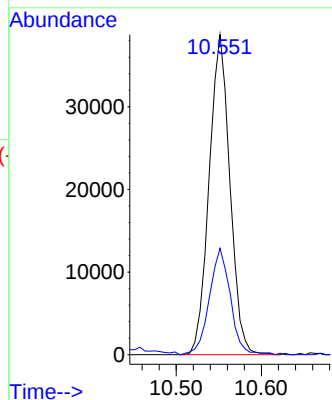
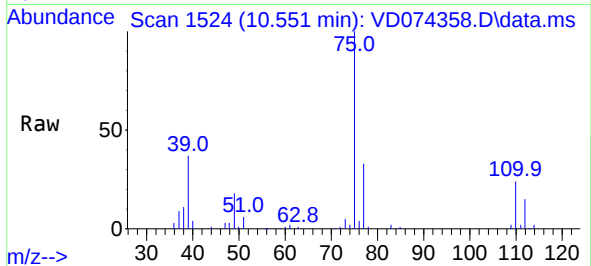




#53
t-1,3-Dichloropropene
Concen: 55.839 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

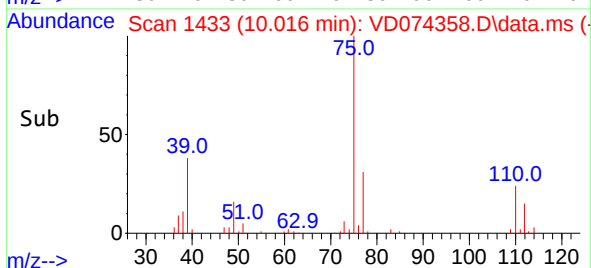
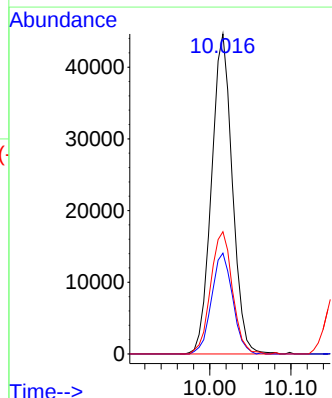
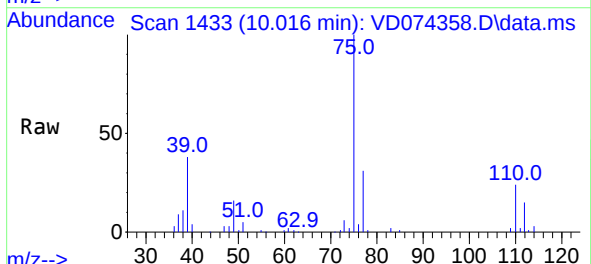
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

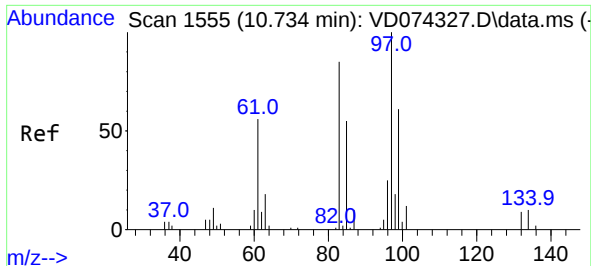
Tgt Ion: 75 Resp: 65524
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 52.305 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

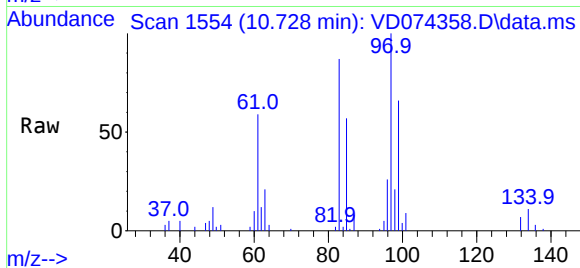
Tgt Ion: 75 Resp: 79408
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 38.2 31.6 47.4





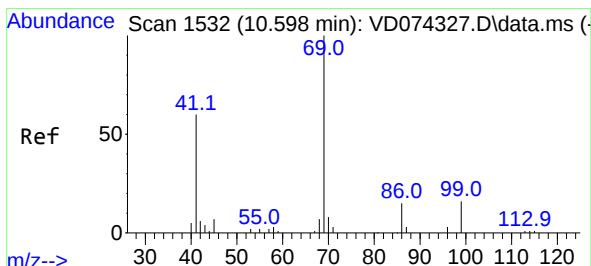
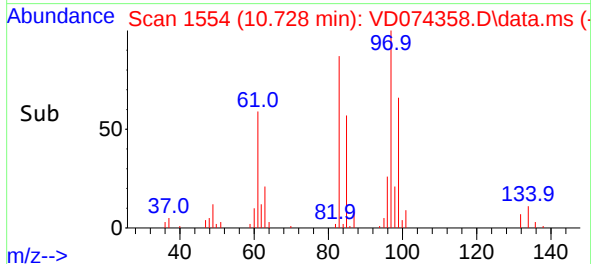
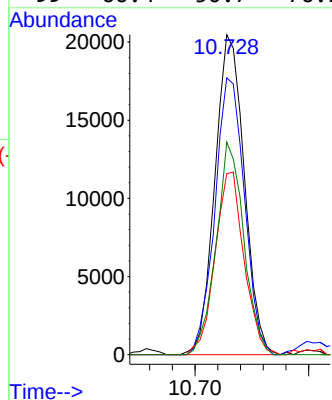
#55
1,1,2-Trichloroethane
Concen: 52.218 ug/l
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 36729

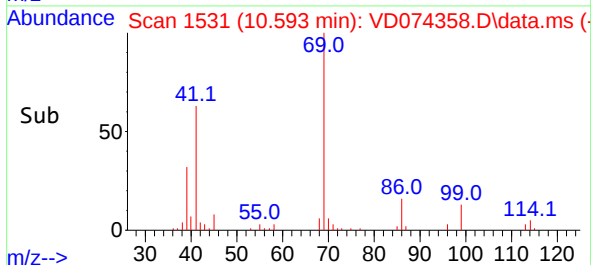
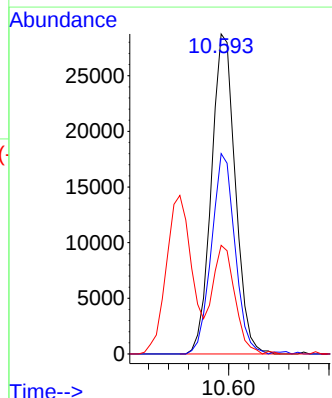
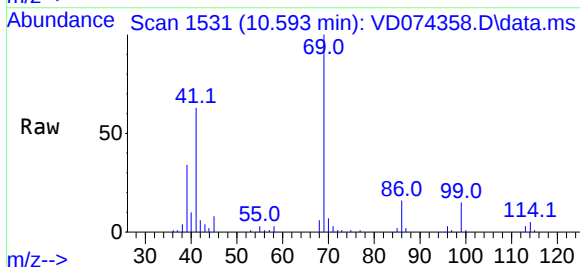
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.0	102.0
85	56.6	45.8	68.8
99	66.4	50.7	76.1

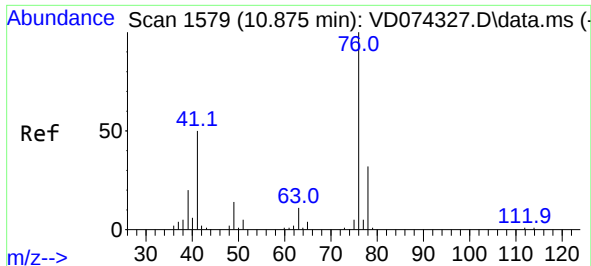


#56
Ethyl methacrylate
Concen: 51.620 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 69 Resp: 47563

Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.4	74.2
39	31.9	24.2	36.4





#57

1,3-Dichloropropane

Concen: 50.268 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

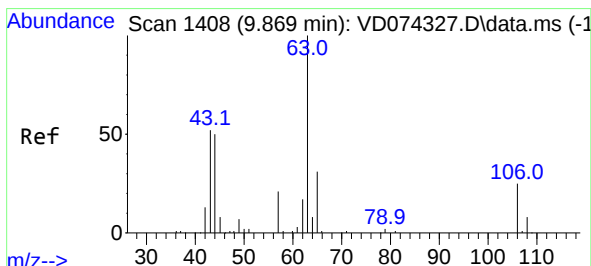
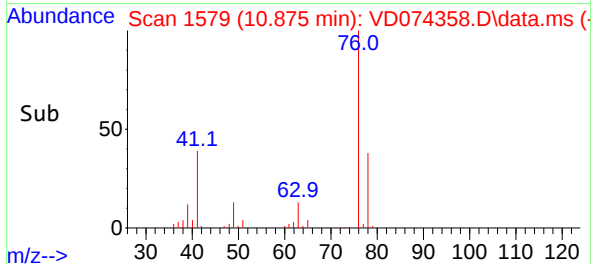
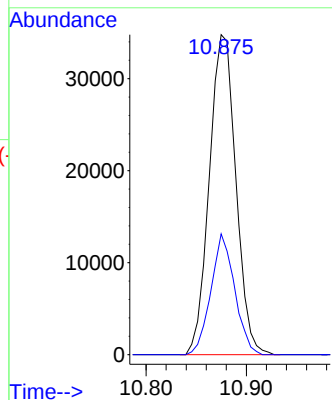
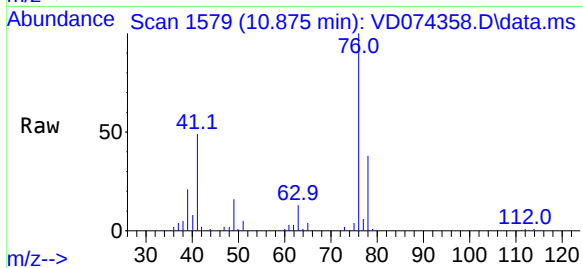
VSTDCCC050EC

Tgt Ion: 76 Resp: 63903

Ion Ratio Lower Upper

76 100

78 33.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.835 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074358.D

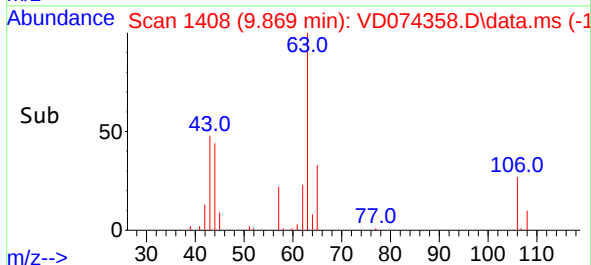
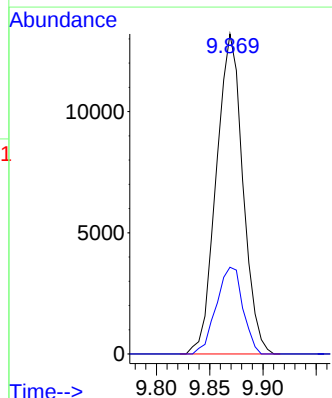
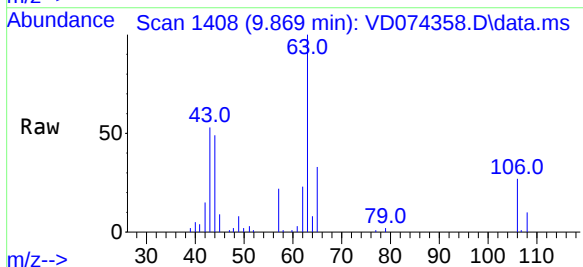
Acq: 19 Sep 2022 20:52

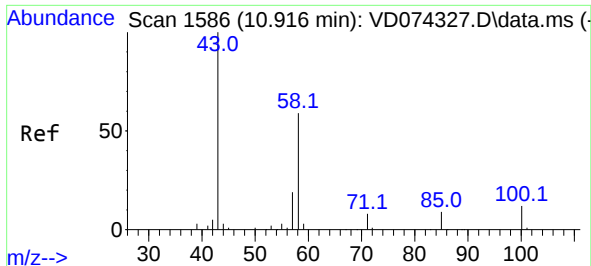
Tgt Ion: 63 Resp: 22882

Ion Ratio Lower Upper

63 100

106 27.0 21.9 32.9





#59

2-Hexanone

Concen: 240.784 ug/l

RT: 10.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

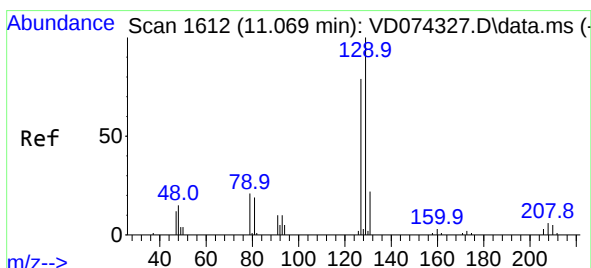
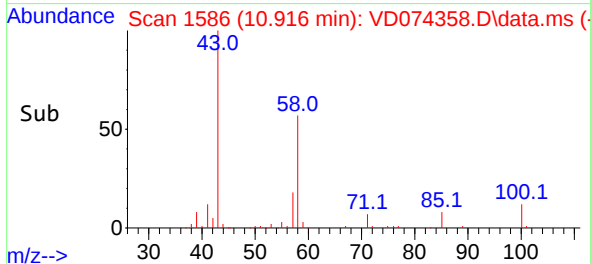
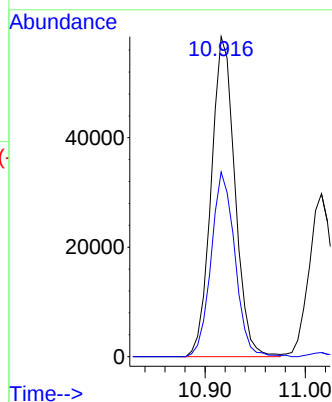
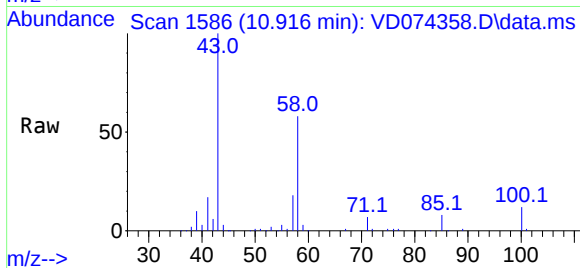
VSTDCCC050EC

Tgt Ion: 43 Resp: 96283

Ion Ratio Lower Upper

43 100

58 57.7 28.6 85.8



#60

Dibromochloromethane

Concen: 51.784 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD074358.D

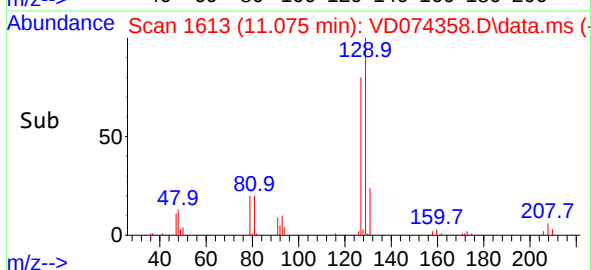
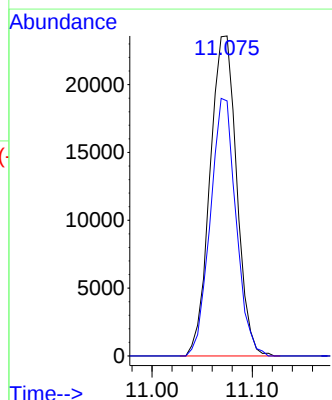
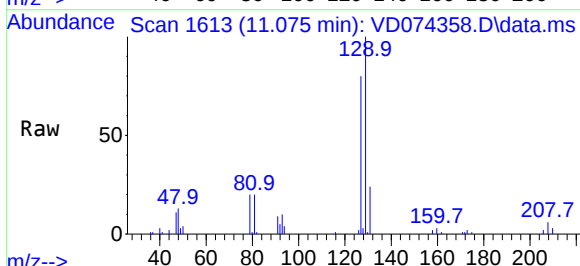
Acq: 19 Sep 2022 20:52

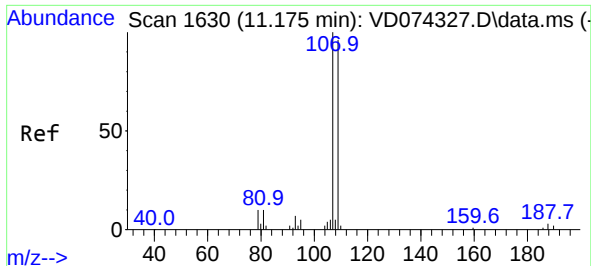
Tgt Ion: 129 Resp: 43618

Ion Ratio Lower Upper

129 100

127 77.5 39.0 116.9

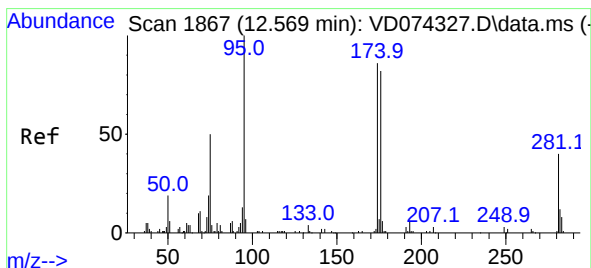
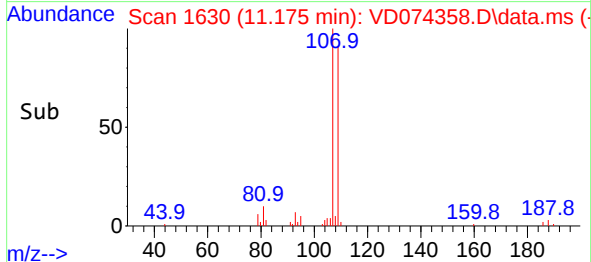
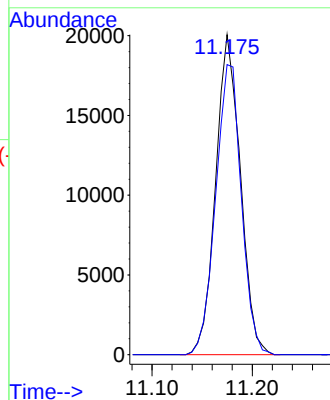
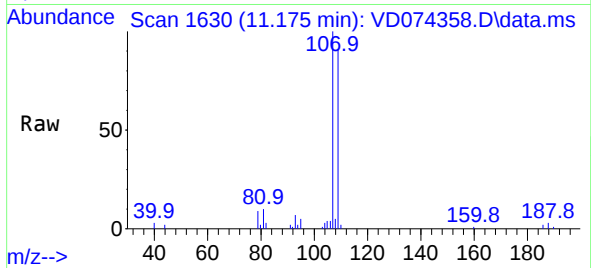




#61
1,2-Dibromoethane
Concen: 50.725 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

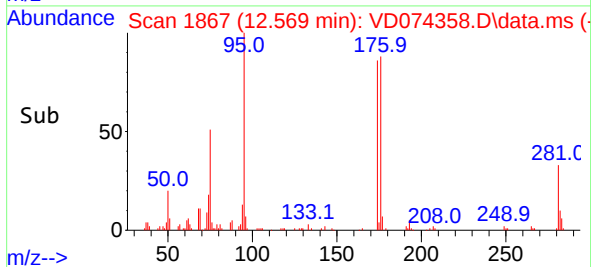
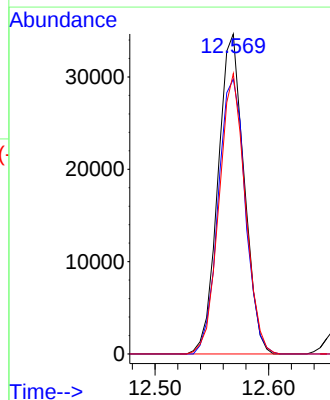
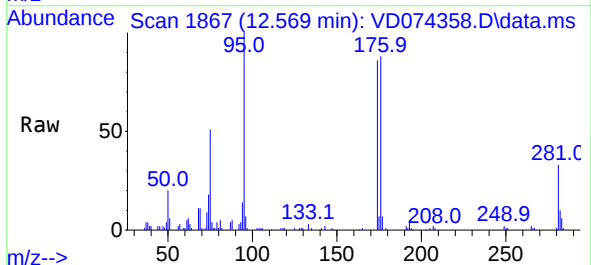
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

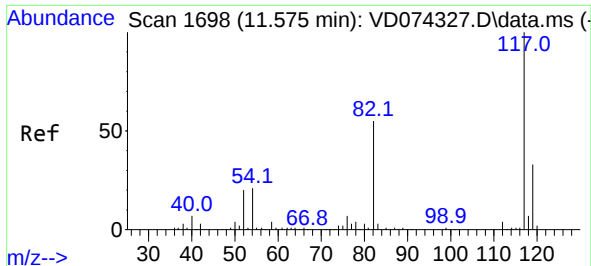
Tgt Ion:107 Resp: 34265
Ion Ratio Lower Upper
107 100
109 94.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.977 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 95 Resp: 55366
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.2
176 87.4 0.0 171.4

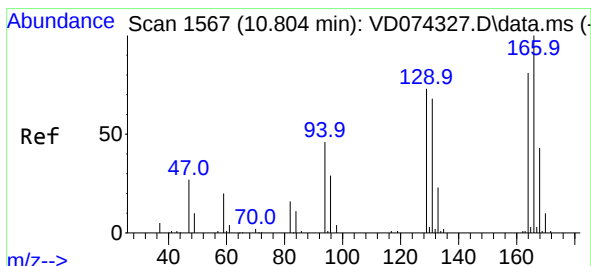
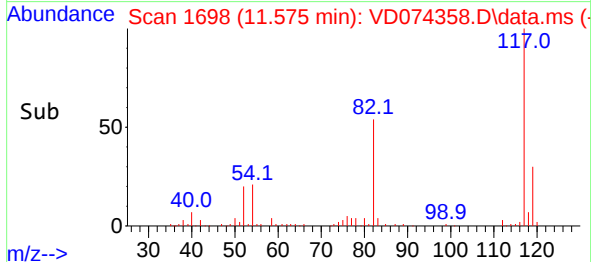
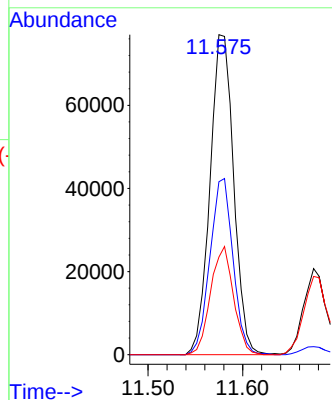
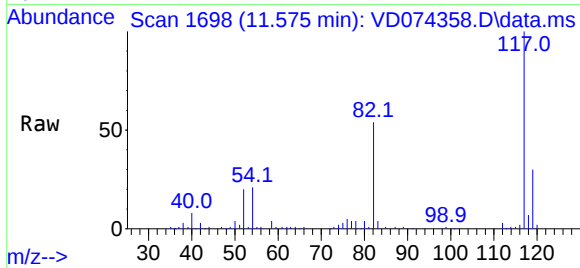




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

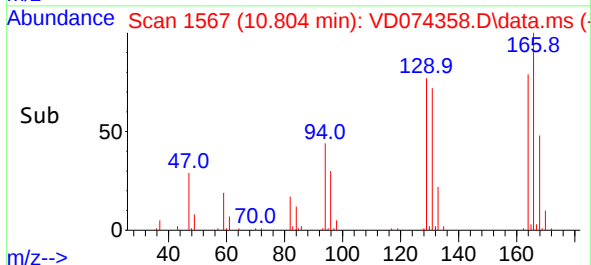
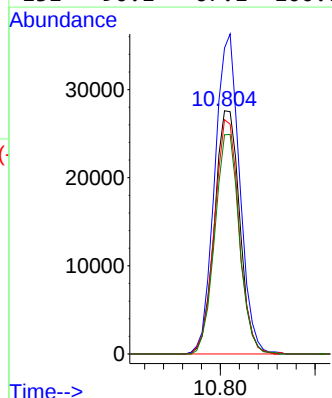
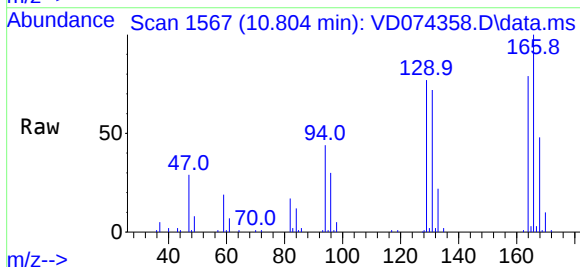
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

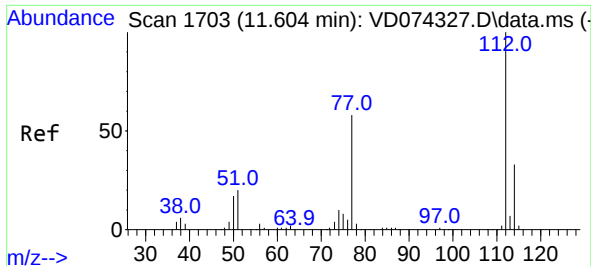
Tgt Ion:117 Resp: 133824
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 30.5 25.4 38.0



#64
Tetrachloroethene
Concen: 56.087 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:164 Resp: 50877
Ion Ratio Lower Upper
164 100
166 125.8 93.8 140.8
129 96.3 68.3 102.5
131 90.1 67.1 100.7

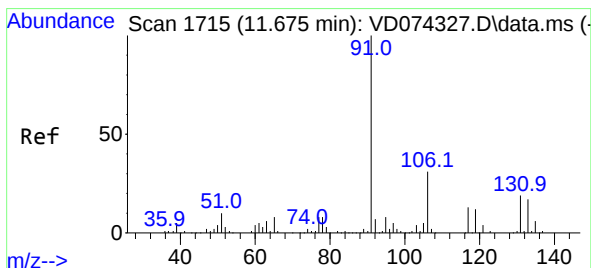
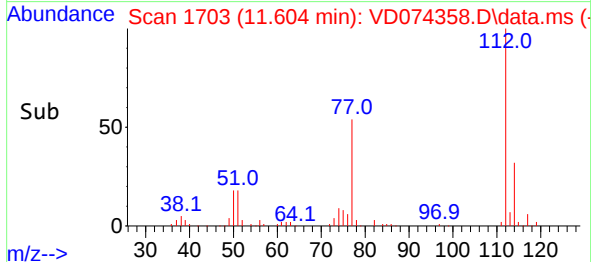
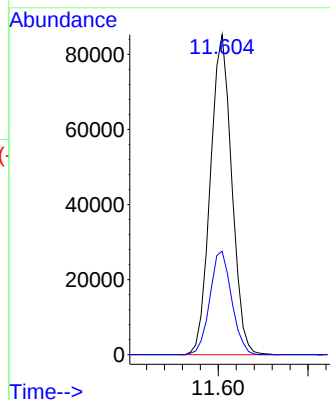
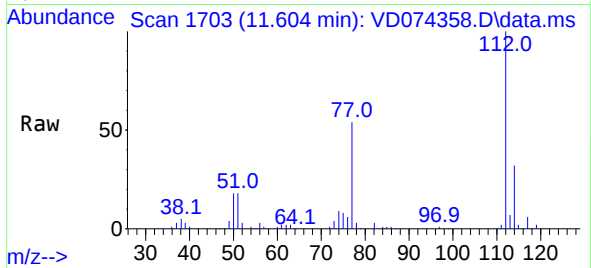




#65
Chlorobenzene
Concen: 51.171 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

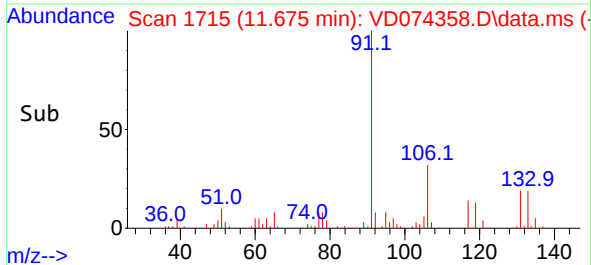
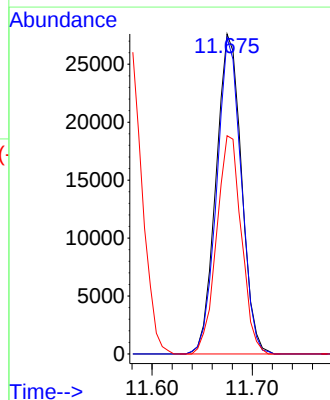
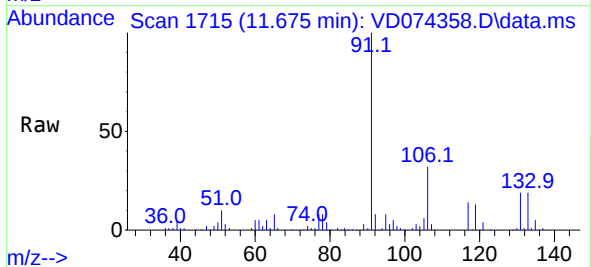
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

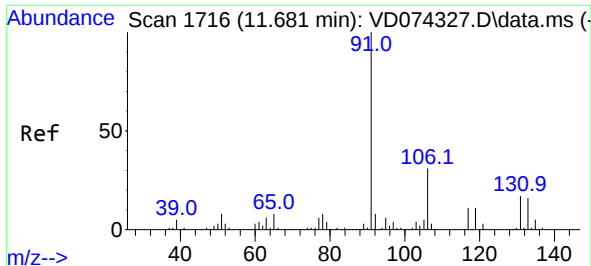
Tgt Ion:112 Resp: 141076
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.325 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:131 Resp: 48592
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.4
119 66.5 33.1 99.5





#67

Ethyl Benzene

Concen: 51.942 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

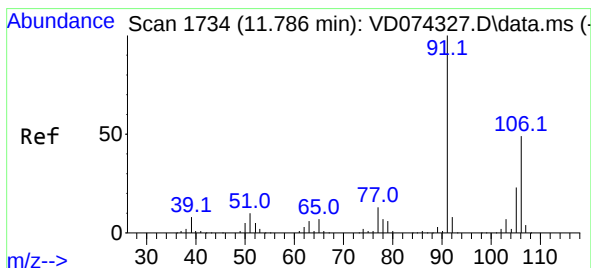
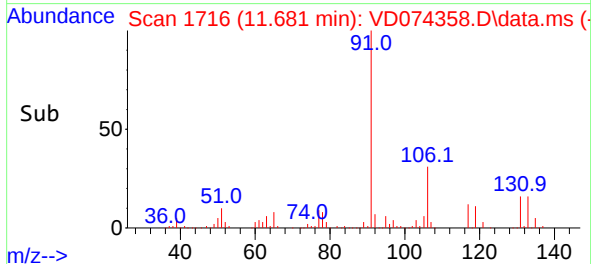
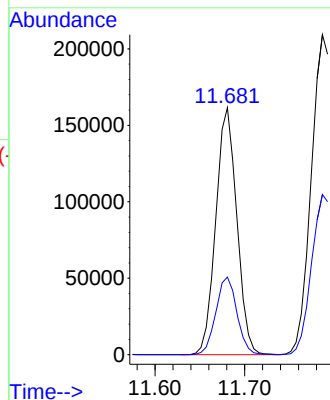
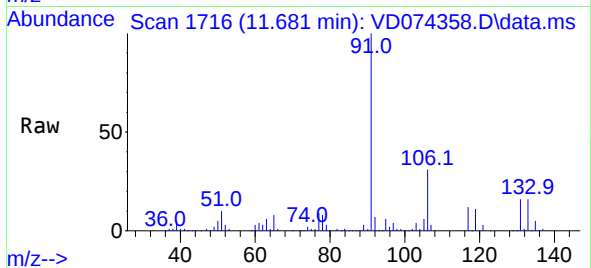
VSTDCCC050EC

Tgt Ion: 91 Resp: 262719

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 103.373 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. 0.001 min

Lab File: VD074358.D

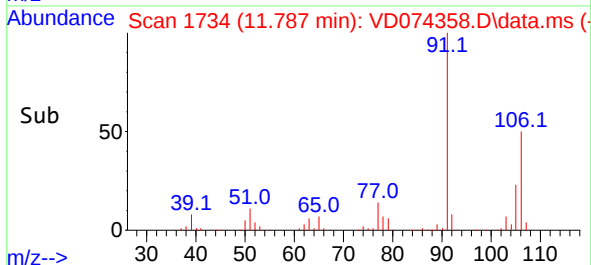
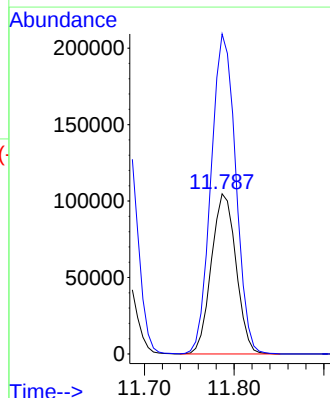
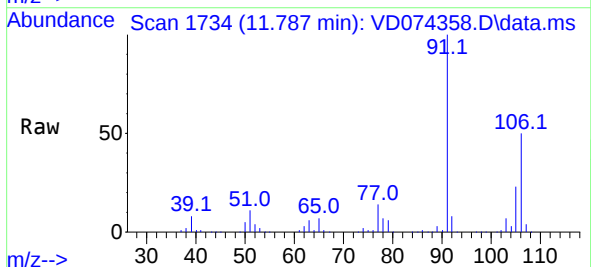
Acq: 19 Sep 2022 20:52

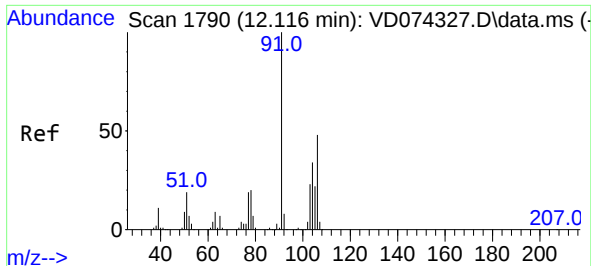
Tgt Ion:106 Resp: 200279

Ion Ratio Lower Upper

106 100

91 199.8 158.6 237.8

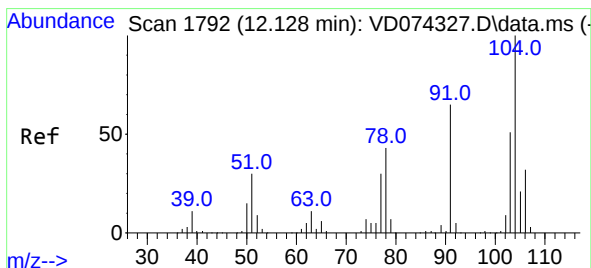
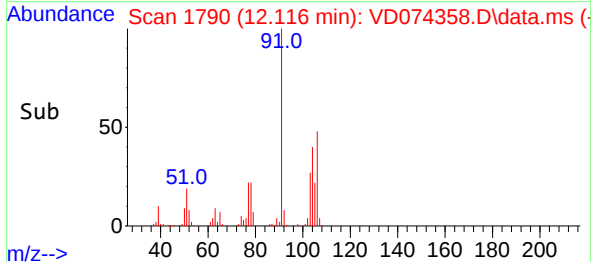
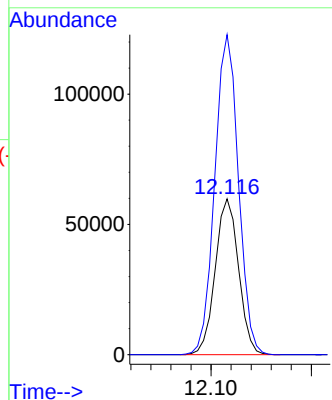
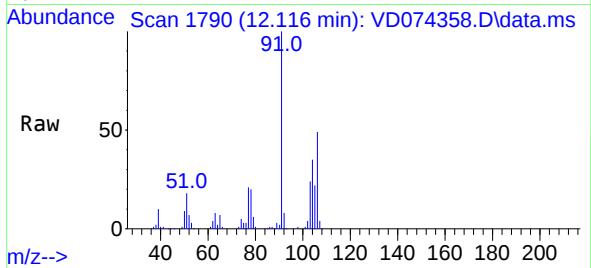




#69
o-Xylene
Concen: 54.632 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

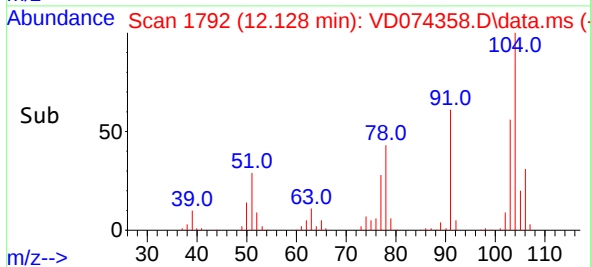
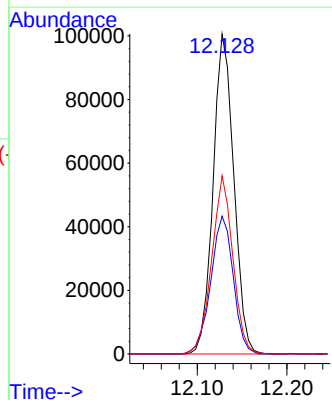
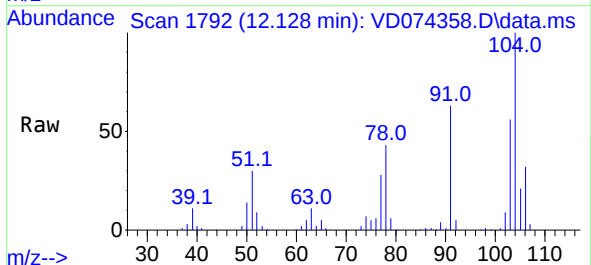
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

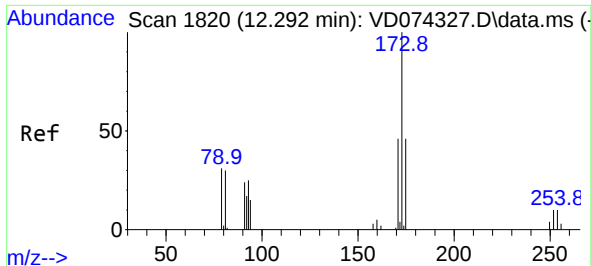
Tgt Ion:106 Resp: 96730
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0



#70
Styrene
Concen: 53.454 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:104 Resp: 161191
Ion Ratio Lower Upper
104 100
78 46.7 38.4 57.6
103 57.0 44.1 66.1

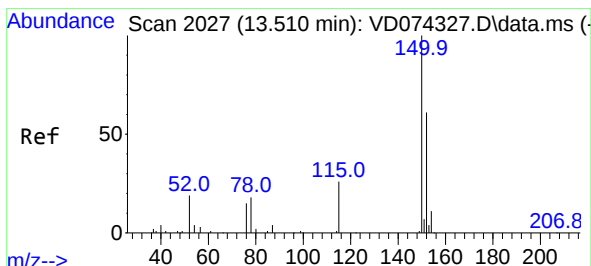
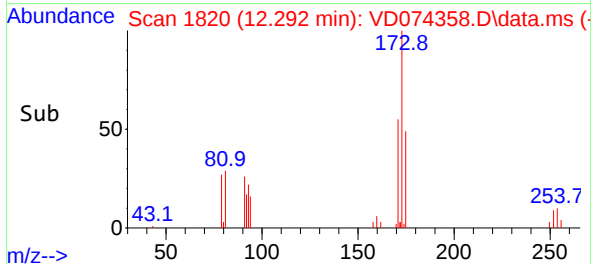
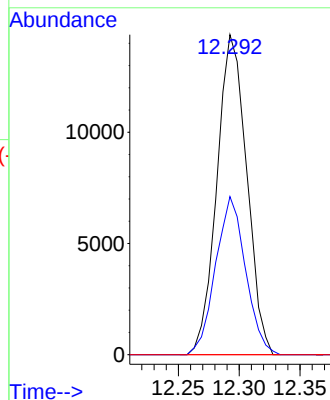
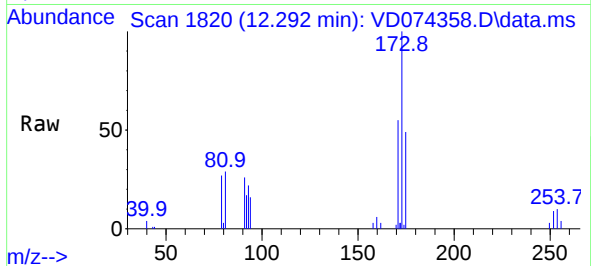




#71
Bromoform
Concen: 48.284 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

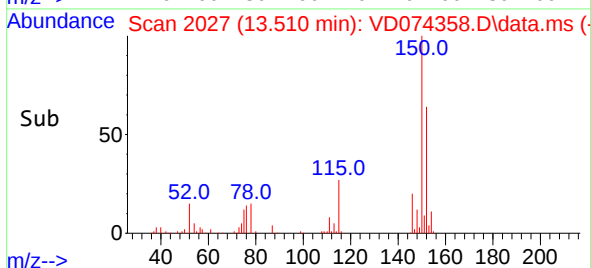
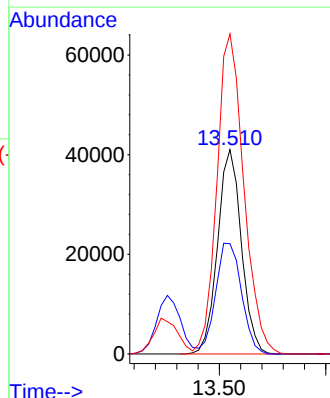
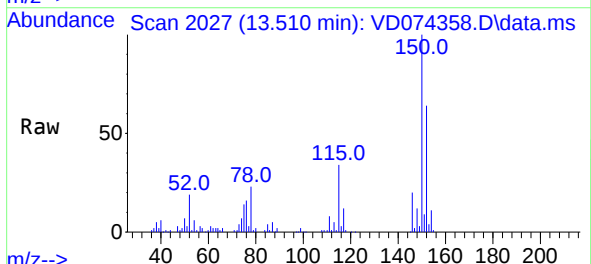
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

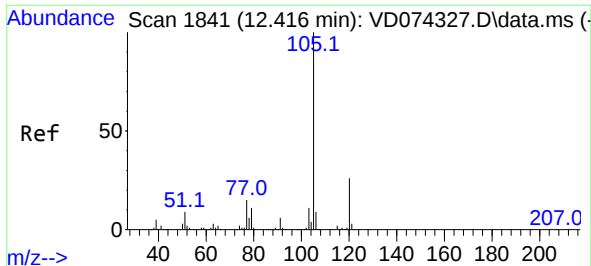
Tgt Ion:	173	Resp:	24530
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.2	72.6
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:	152	Resp:	63558
Ion Ratio	Lower	Upper	
152	100		
115	58.6	28.4	85.2
150	176.9	0.0	351.0

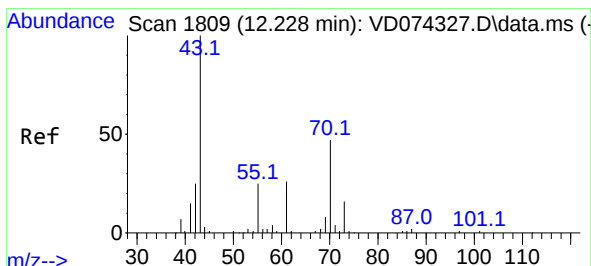
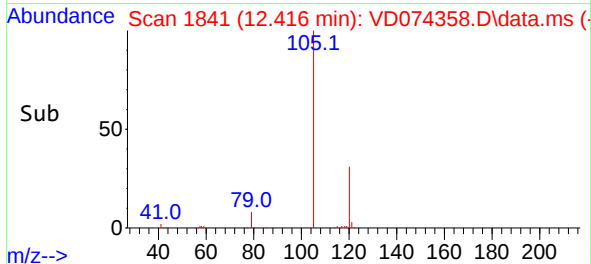
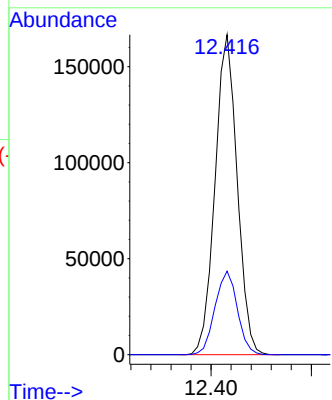
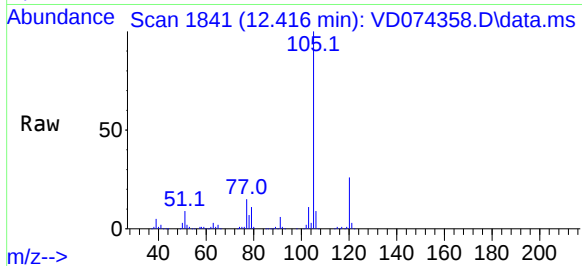




#73
Isopropylbenzene
Concen: 52.190 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

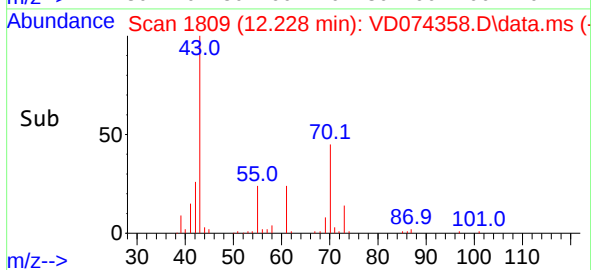
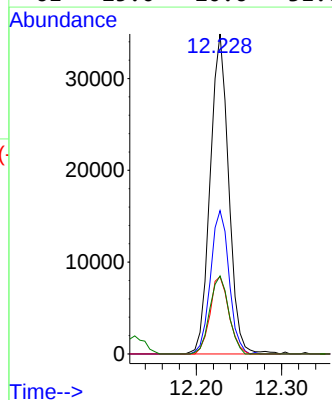
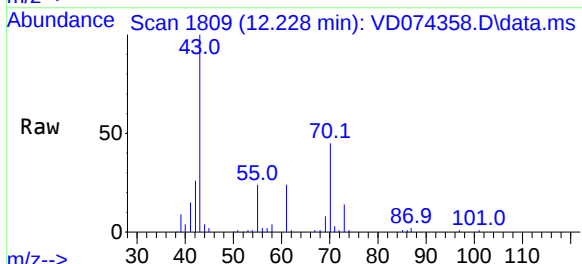
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

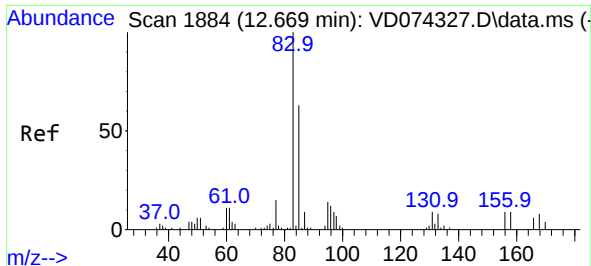
Tgt Ion:105 Resp: 255119
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 48.558 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 43 Resp: 52458
Ion Ratio Lower Upper
43 100
70 44.9 34.6 51.8
55 24.6 18.2 27.2
61 25.0 20.6 31.0

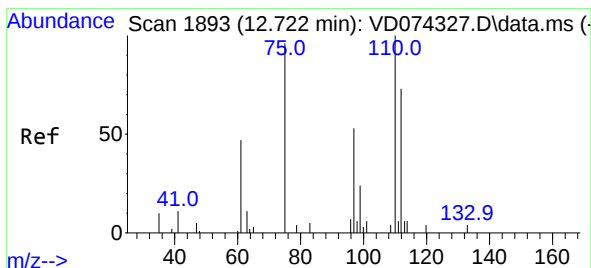
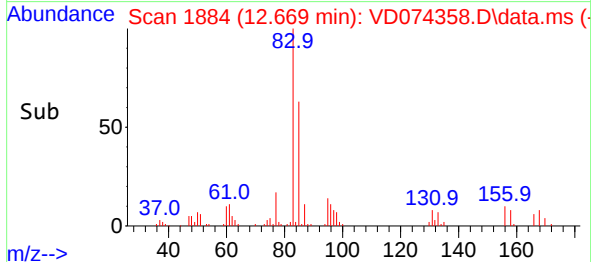
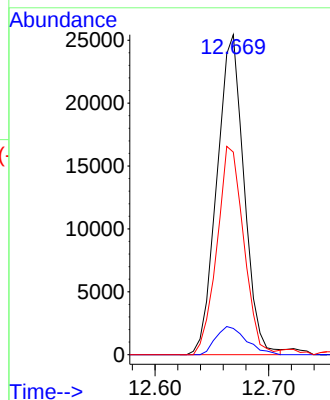
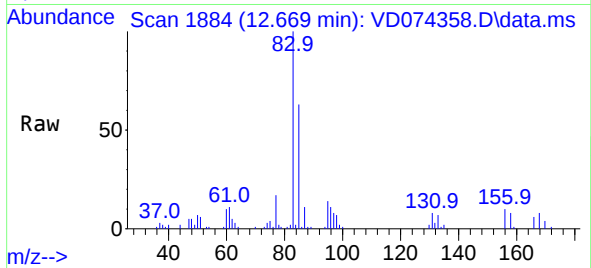




#75
1,1,2,2-Tetrachloroethane
Concen: 49.627 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

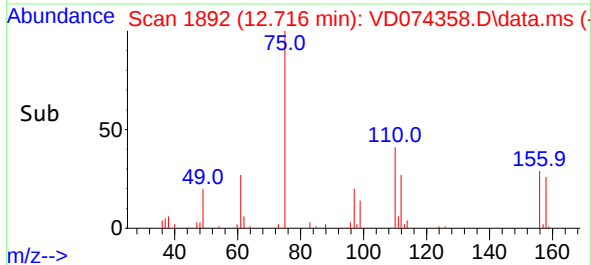
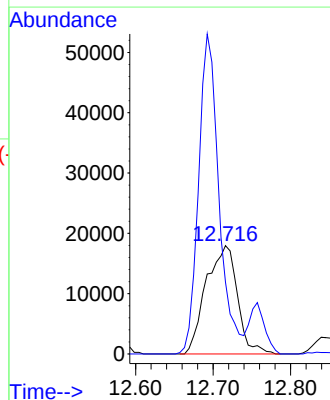
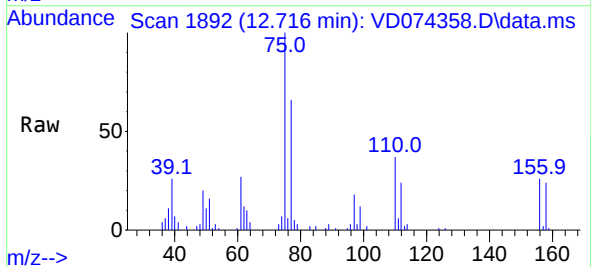
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

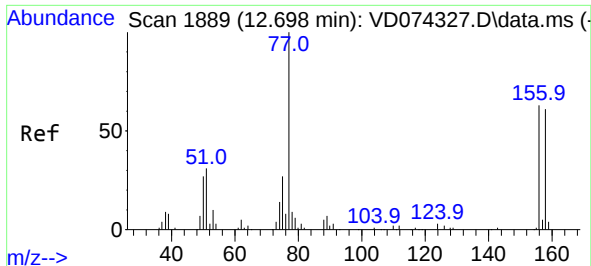
Tgt Ion: 83 Resp: 42150
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.3 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 85.632 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 75 Resp: 50356
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

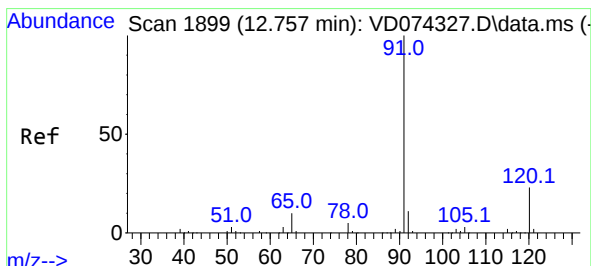
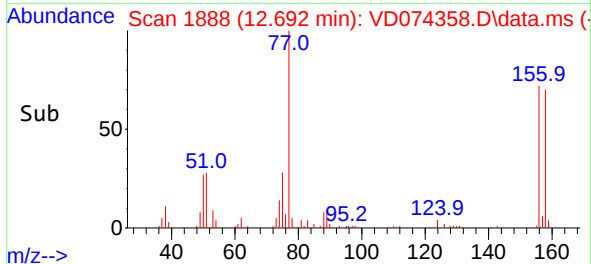
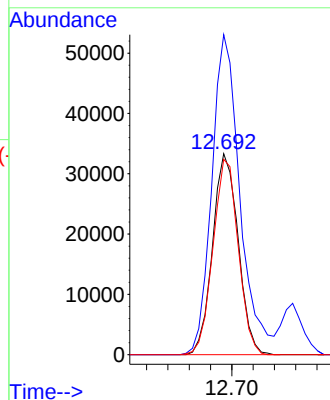
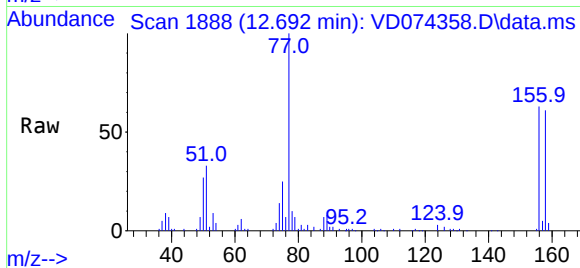




#77
Bromobenzene
Concen: 52.009 ug/l
RT: 12.692 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

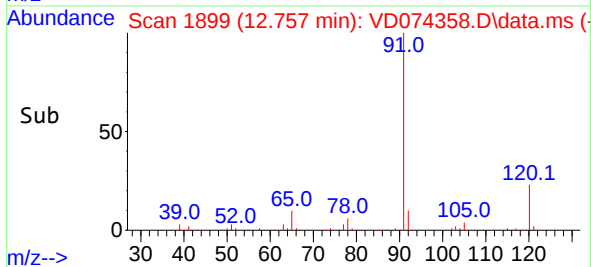
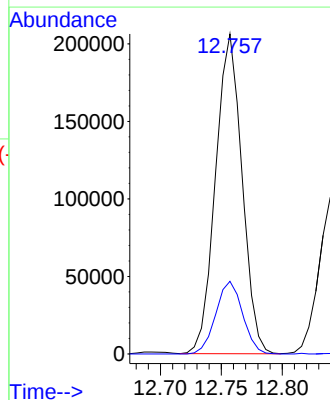
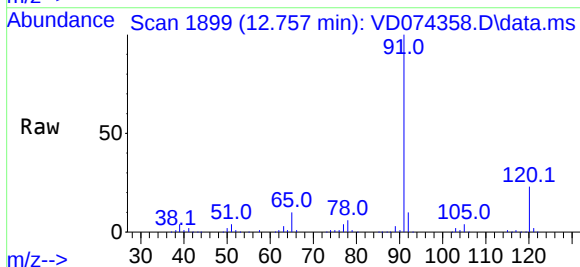
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

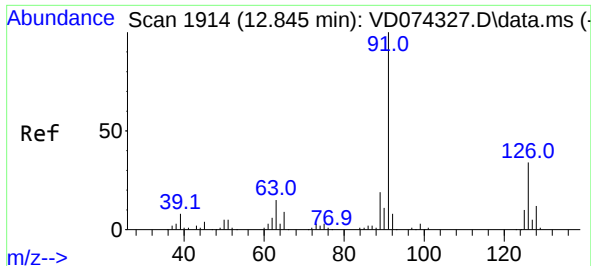
Tgt Ion:156 Resp: 55555
Ion Ratio Lower Upper
156 100
77 175.3 91.1 273.3
158 95.8 49.4 148.2



#78
n-propylbenzene
Concen: 51.478 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 91 Resp: 312153
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 52.058 ug/l

RT: 12.839 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VD074358.D

Acq: 19 Sep 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

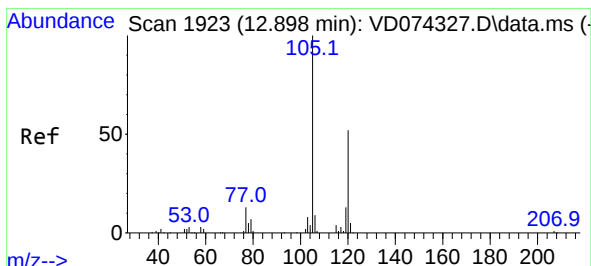
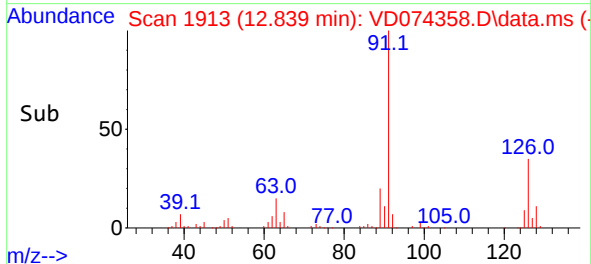
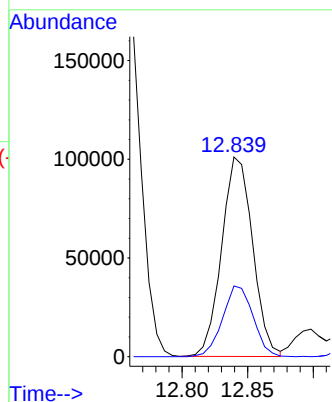
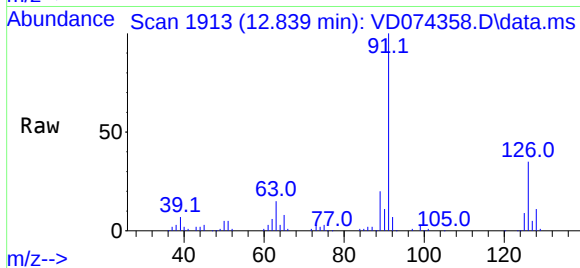
VSTDCCC050EC

Tgt Ion: 91 Resp: 166477

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 51.492 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD074358.D

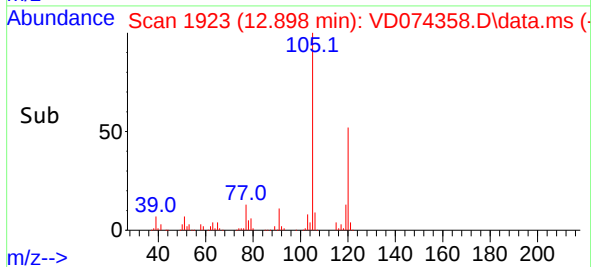
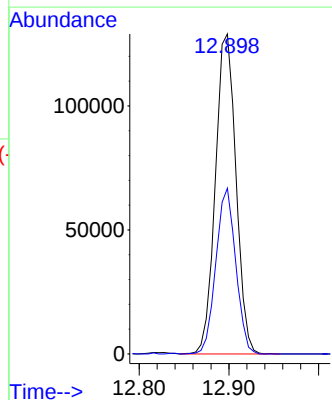
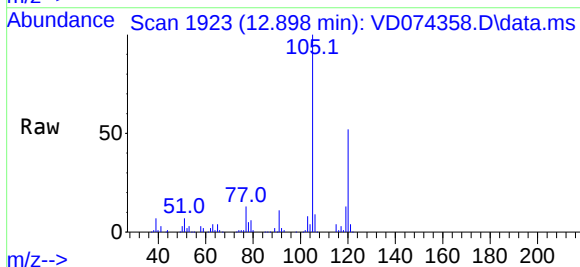
Acq: 19 Sep 2022 20:52

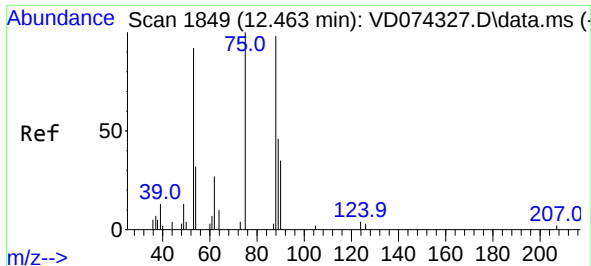
Tgt Ion:105 Resp: 205817

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0

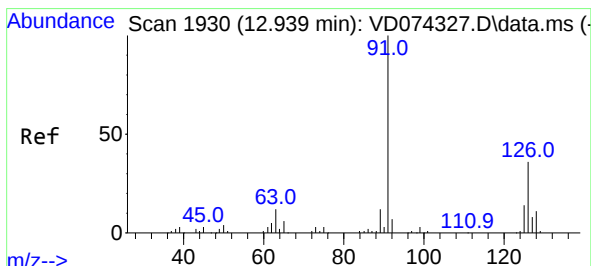
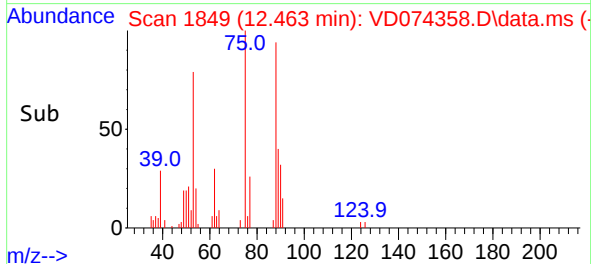
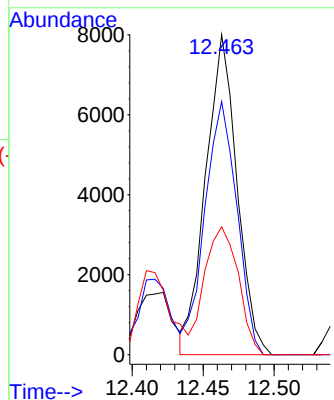
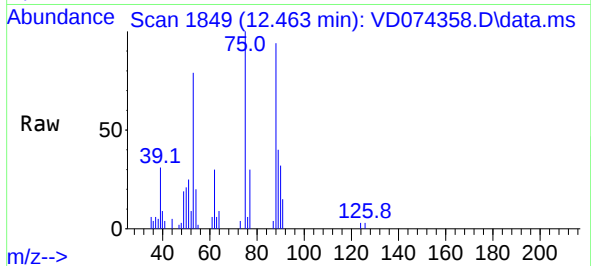




#81
trans-1,4-Dichloro-2-butene
Concen: 52.332 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

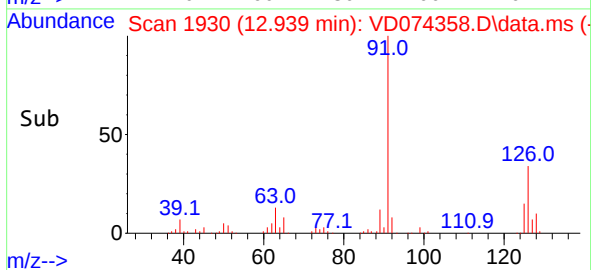
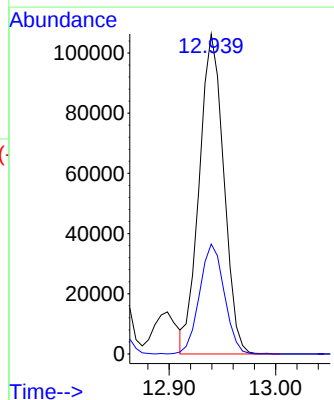
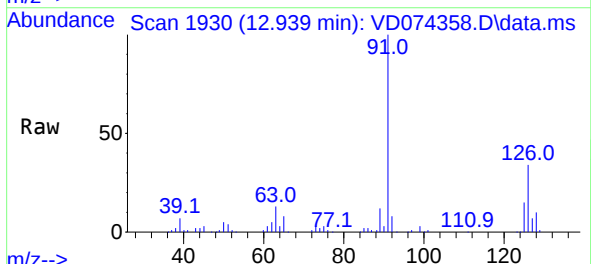
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

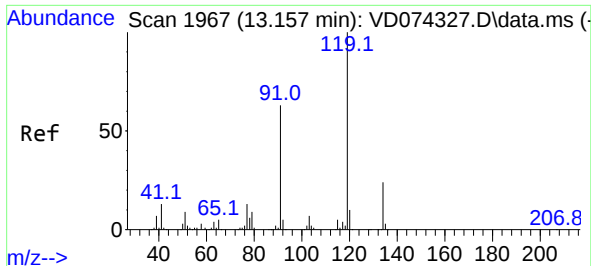
Tgt Ion: 75 Resp: 12279
Ion Ratio Lower Upper
75 100
53 81.2 0.0 0.0#
89 42.9 0.0 0.0#



#82
4-Chlorotoluene
Concen: 51.217 ug/l
RT: 12.939 min Scan# 1930
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 91 Resp: 169852
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6

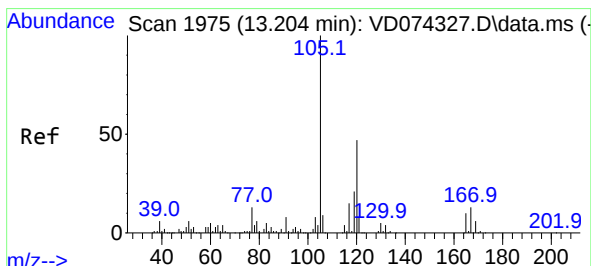
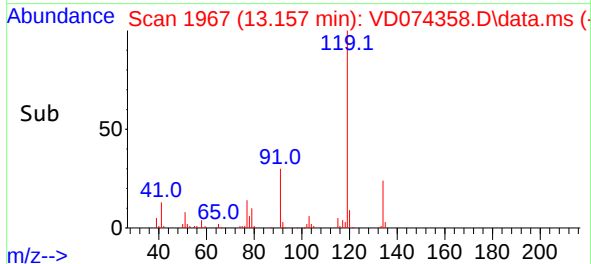
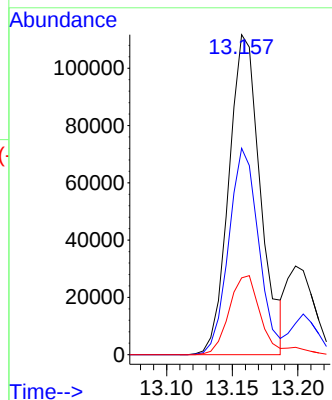
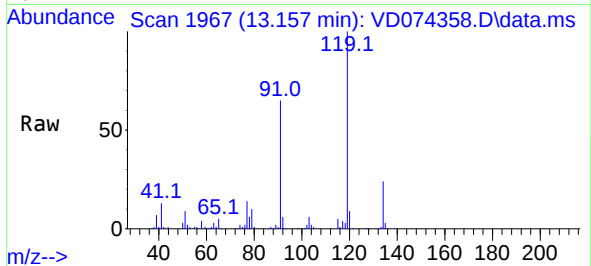




#83
tert-Butylbenzene
Concen: 52.739 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

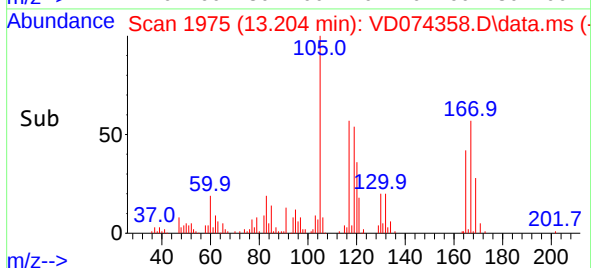
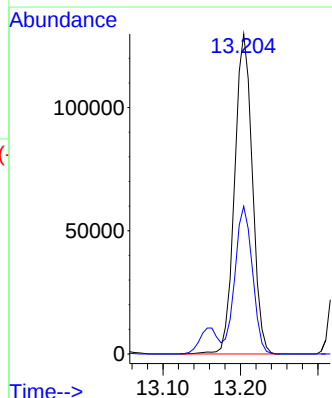
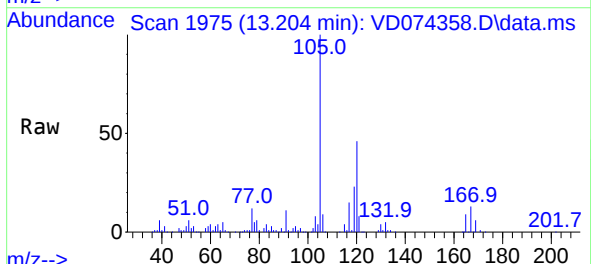
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

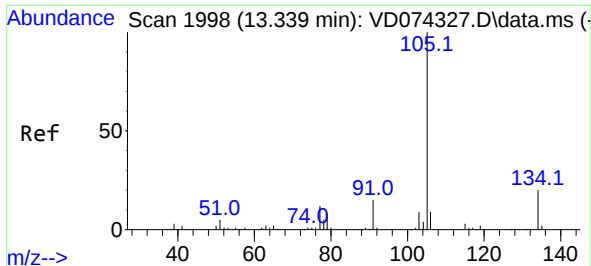
Tgt Ion:119 Resp: 186934
Ion Ratio Lower Upper
119 100
91 61.2 31.3 93.9
134 25.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 52.549 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:105 Resp: 206645
Ion Ratio Lower Upper
105 100
120 45.6 23.1 69.3

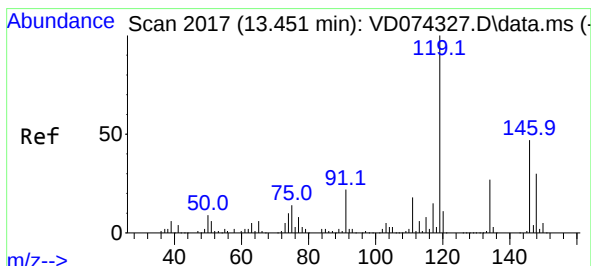
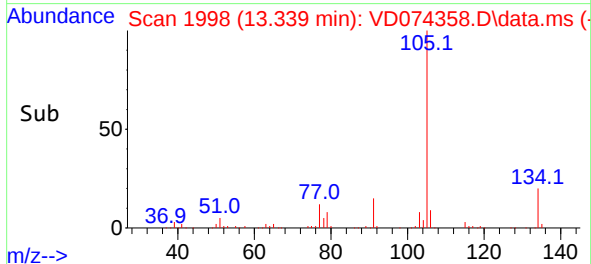
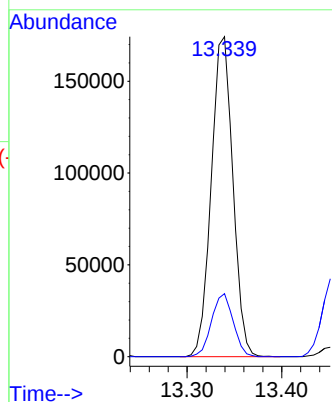
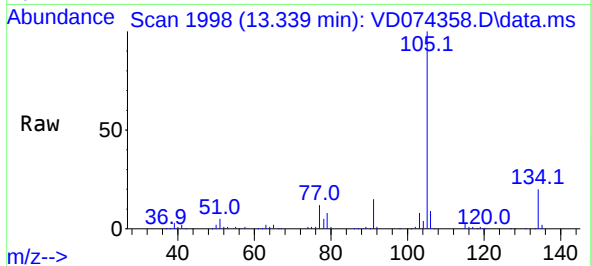




#85
 sec-Butylbenzene
 Concen: 52.552 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

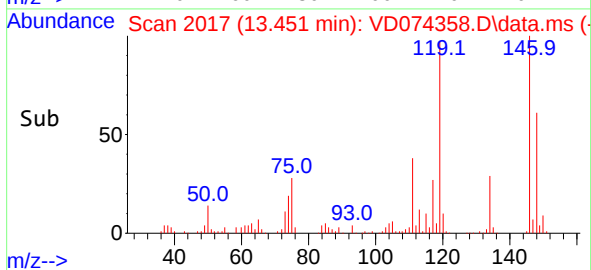
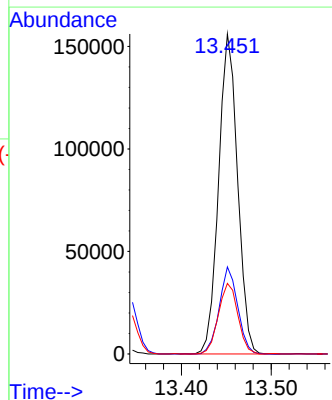
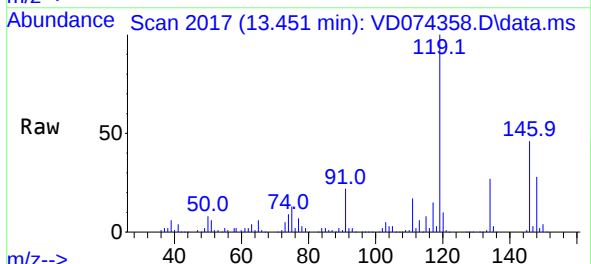
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

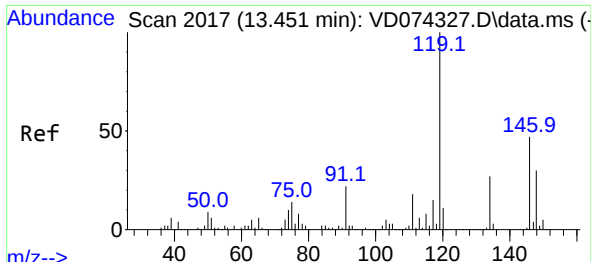
Tgt Ion:105 Resp: 276414
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.134 ug/l
 RT: 13.451 min Scan# 1717
 Delta R.T. 0.000 min
 Lab File: VD074358.D
 Acq: 19 Sep 2022 20:52

Tgt Ion:119 Resp: 229171
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.6 11.2 33.5

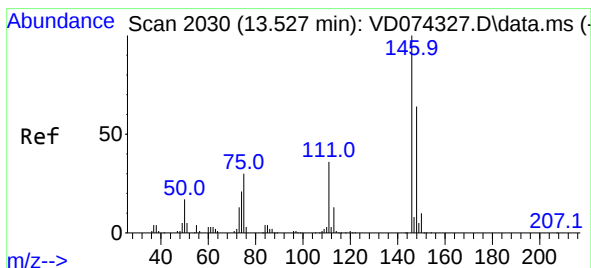
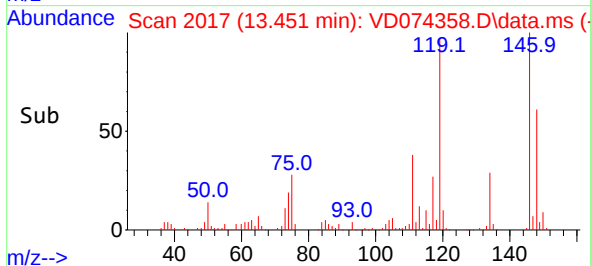
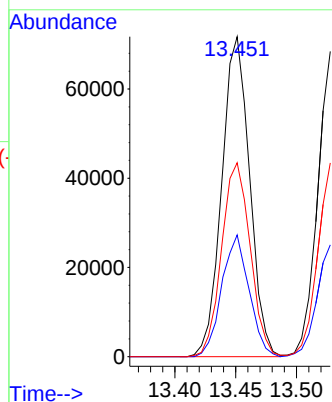
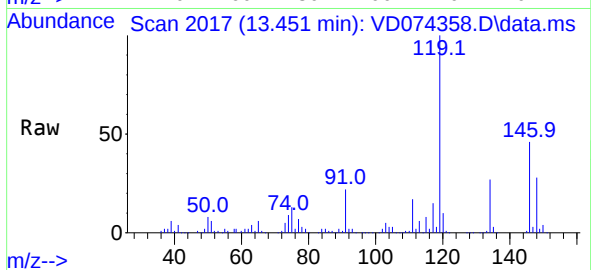




#87
1,3-Dichlorobenzene
Concen: 52.013 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

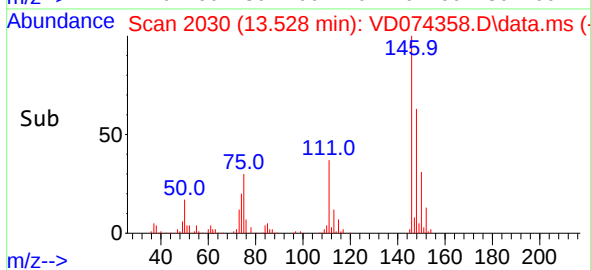
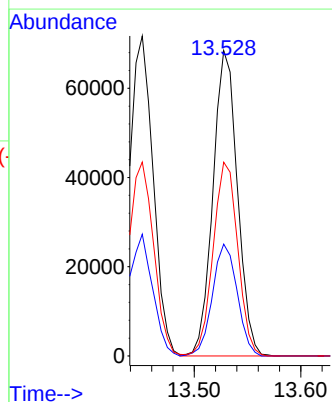
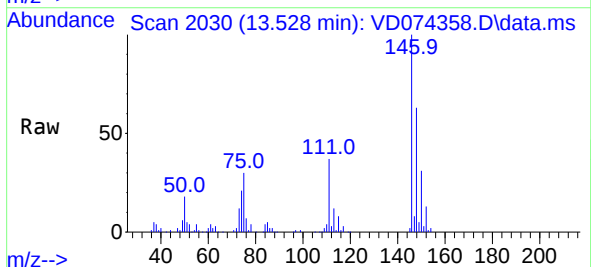
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

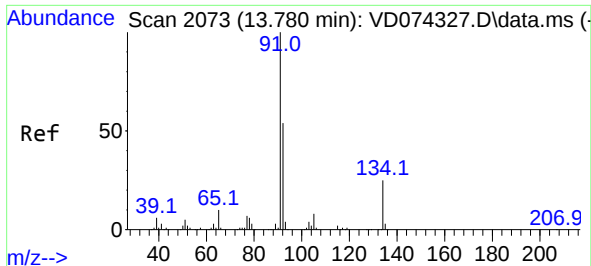
Tgt Ion:146 Resp: 114206
Ion Ratio Lower Upper
146 100
111 37.3 18.1 54.4
148 62.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.924 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.001 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:146 Resp: 109280
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.2
148 63.8 32.1 96.5

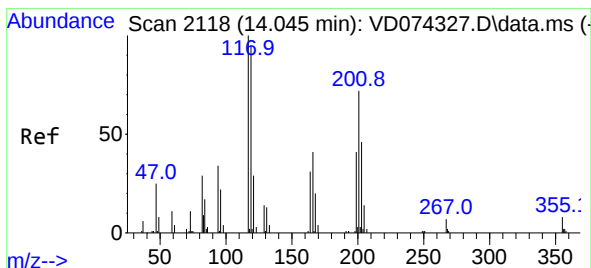
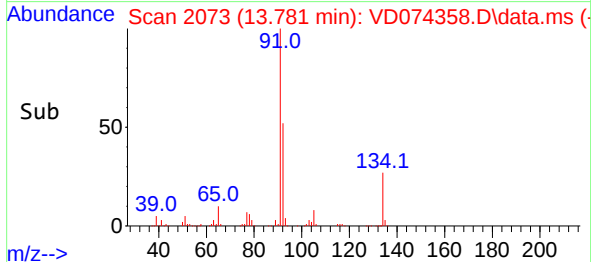
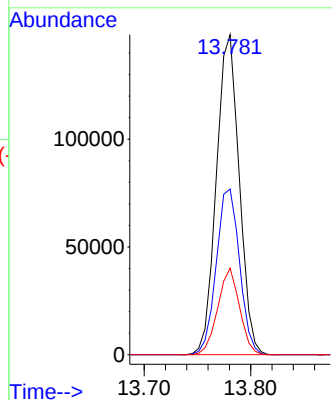
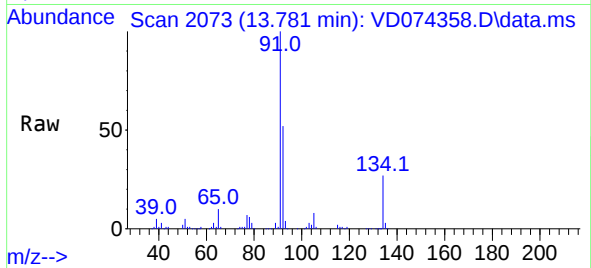




#89
n-Butylbenzene
Concen: 51.350 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.001 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

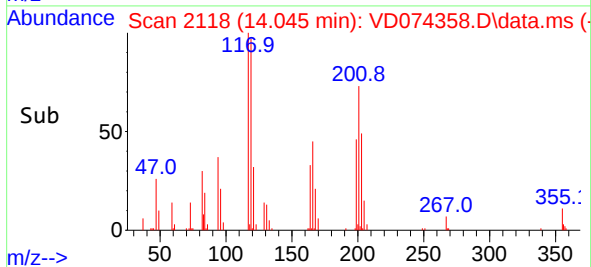
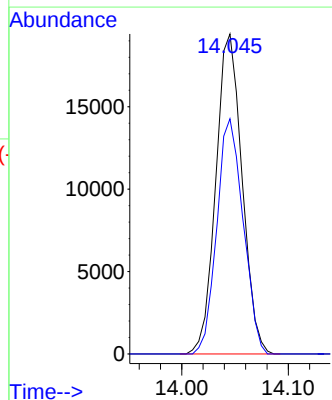
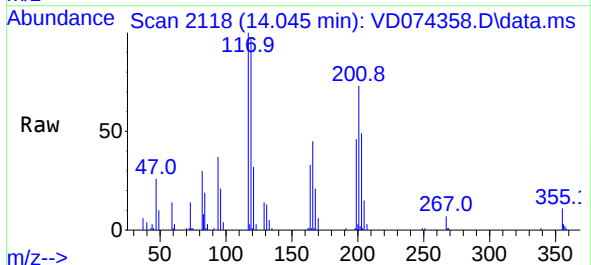
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

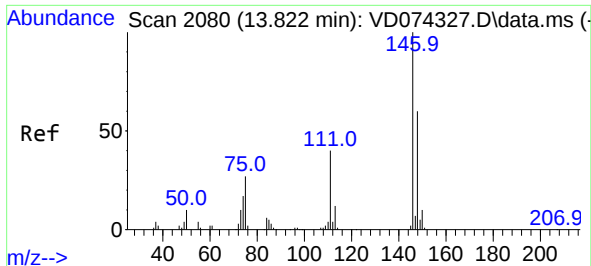
Tgt Ion: 91 Resp: 221083
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 39.983 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

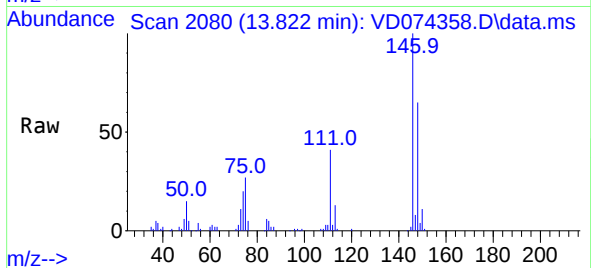
Tgt Ion: 117 Resp: 33172
Ion Ratio Lower Upper
117 100
201 73.8 38.0 113.9



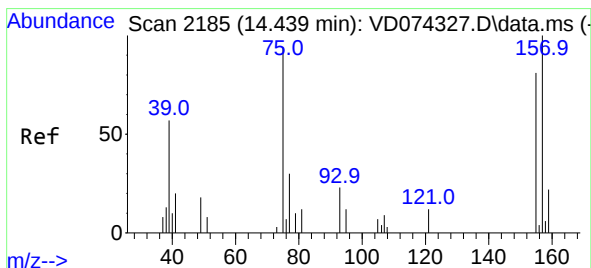
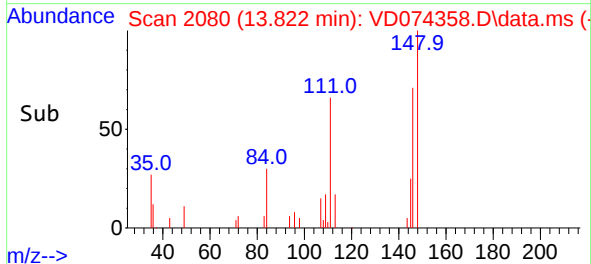
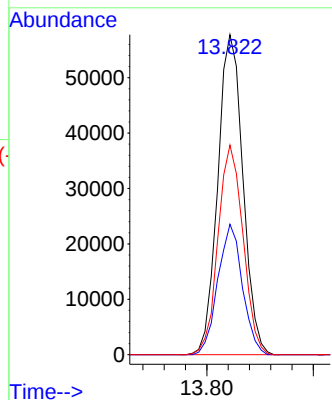


#91
1,2-Dichlorobenzene
Concen: 51.152 ug/l
RT: 13.822 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

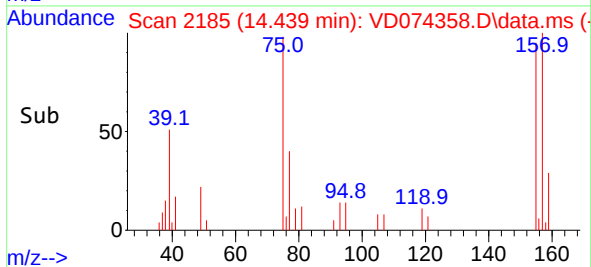
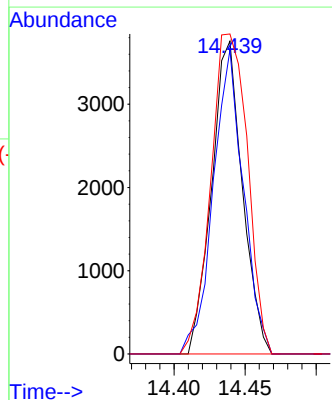
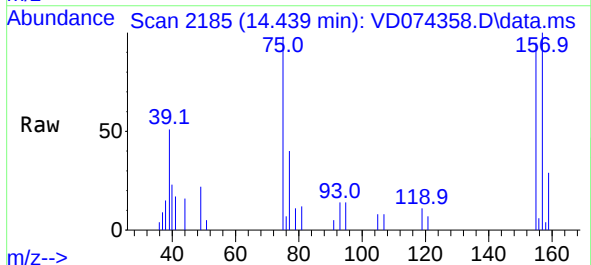


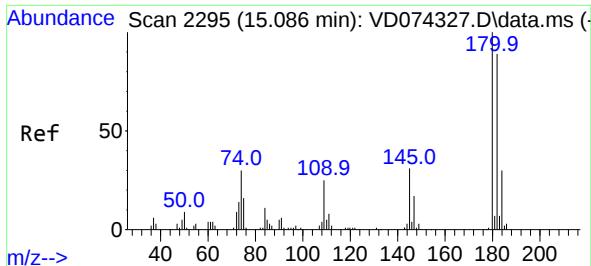
Tgt Ion:146 Resp: 94700
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.4
148 65.0 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.878 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion: 75 Resp: 5666
Ion Ratio Lower Upper
75 100
155 95.3 49.2 147.6
157 121.9 62.1 186.2

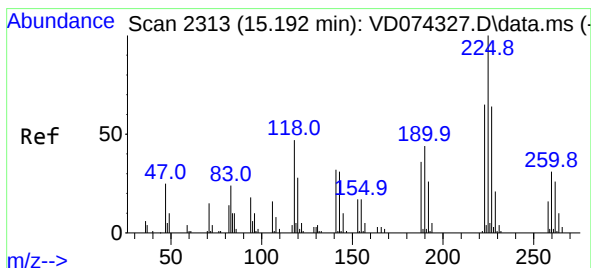
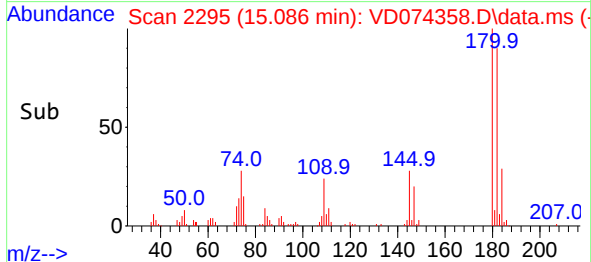
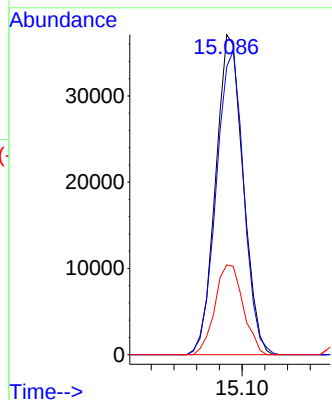
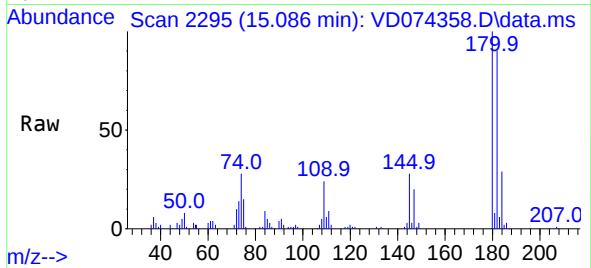




#93
1,2,4-Trichlorobenzene
Concen: 49.783 ug/l
RT: 15.086 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

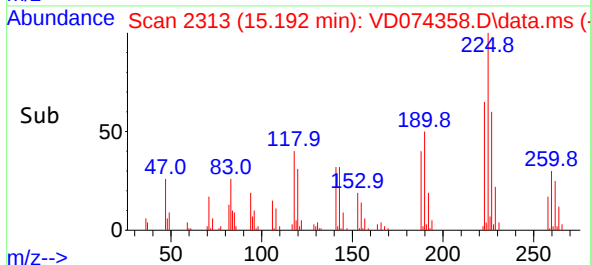
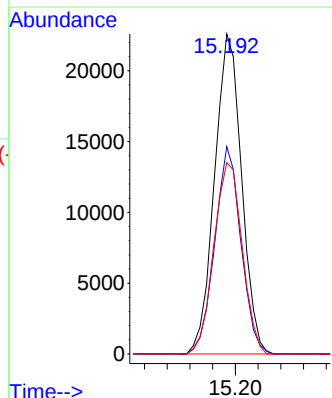
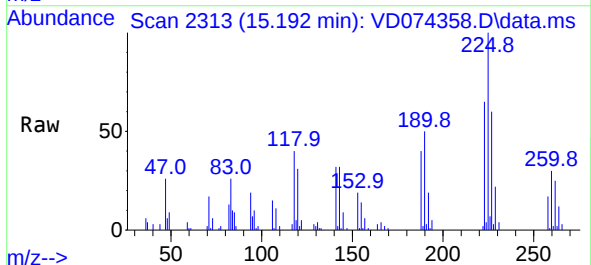
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

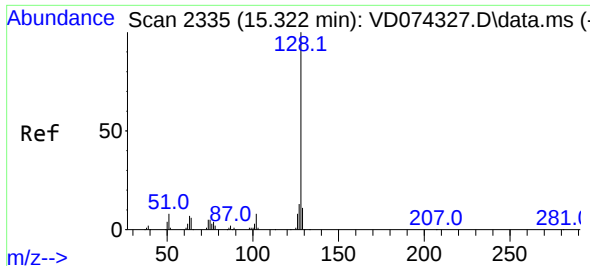
Tgt Ion:180 Resp: 62173
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 28.8 14.4 43.4



#94
Hexachlorobutadiene
Concen: 52.618 ug/l
RT: 15.192 min Scan# 2313
Delta R.T. 0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:225 Resp: 37334
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.0
227 62.5 32.7 98.1

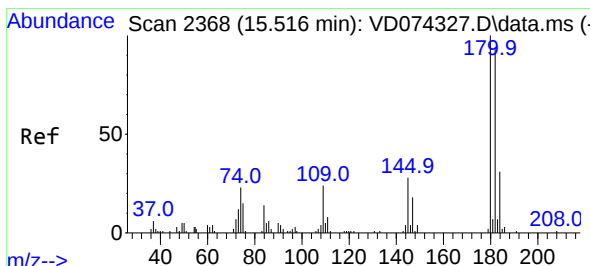
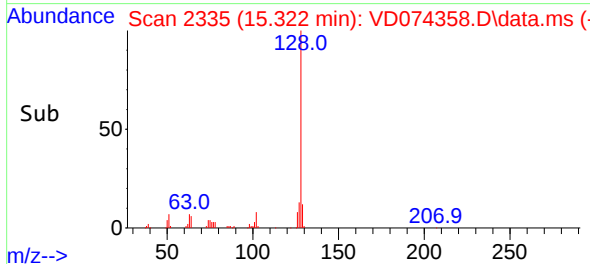
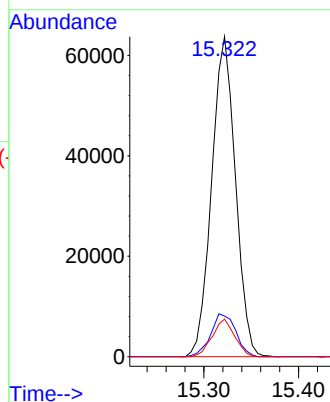
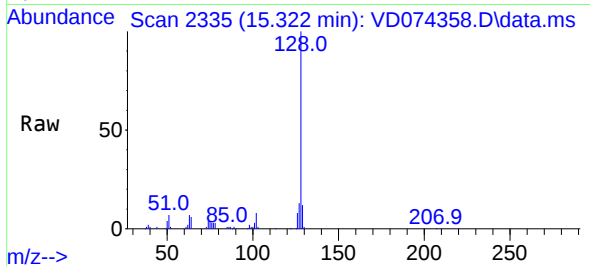




#95
Naphthalene
Concen: 47.963 ug/l
RT: 15.322 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	111031
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.9	16.3
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.596 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074358.D
Acq: 19 Sep 2022 20:52

Tgt Ion:	180	Resp:	53234
Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.5	142.5
145	31.8	15.8	47.3

