

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074360.D
 Acq On : 20 Sep 2022 10:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 21 02:23:20 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	7.869	168	99643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50942	52.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.798	113	54137	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.300%	
50) Toluene-d8	10.269	98	211330	55.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.569	95	65346	50.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34661	37.761	ug/l	92
3) Chloromethane	2.140	50	55365	63.425	ug/l	96
4) Vinyl Chloride	2.275	62	36926	43.103	ug/l	93
5) Bromomethane	2.681	94	12370	23.356	ug/l	95
6) Chloroethane	2.828	64	22467	44.636	ug/l	95
7) Trichlorofluoromethane	3.163	101	68186	40.844	ug/l	98
8) Diethyl Ether	3.587	74	26503	49.803	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	45698	43.534	ug/l	98
10) Methyl Iodide	4.152	142	40747	31.425	ug/l	99
11) Tert butyl alcohol	5.022	59	21879	333.578	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	46970	43.958	ug/l	99
13) Acrolein	3.793	56	10996	155.456	ug/l	97
14) Allyl chloride	4.558	41	70805	45.787	ug/l	99
15) Acrylonitrile	5.252	53	60546	258.125	ug/l	97
16) Acetone	4.016	43	62489	285.789	ug/l	91
17) Carbon Disulfide	4.263	76	130136	37.403	ug/l	97
18) Methyl Acetate	4.558	43	29928	50.032	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	119264	52.121	ug/l	97
20) Methylene Chloride	4.799	84	62939	45.222	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	52582	44.444	ug/l	94
22) Diisopropyl ether	6.210	45	165361	50.770	ug/l	95
23) Vinyl Acetate	6.152	43	440277	265.271	ug/l	100
24) 1,1-Dichloroethane	6.104	63	100790	48.076	ug/l	99
25) 2-Butanone	7.075	43	85346	262.060	ug/l	99
26) 2,2-Dichloropropane	7.075	77	86573	50.024	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	64844	49.470	ug/l	96
28) Bromochloromethane	7.422	49	42331	52.291	ug/l	100
29) Tetrahydrofuran	7.446	42	48445	259.564	ug/l	99
30) Chloroform	7.593	83	100245	48.628	ug/l	93
31) Cyclohexane	7.869	56	79819	39.213	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	85419	46.972	ug/l	100
36) 1,1-Dichloropropene	8.004	75	75201	44.730	ug/l	99
37) Ethyl Acetate	7.163	43	34231	50.823	ug/l	97
38) Carbon Tetrachloride	7.987	117	61044	40.973	ug/l	93
39) Methylcyclohexane	9.269	83	86385	42.480	ug/l	98
40) Benzene	8.246	78	222991	47.304	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16066	43.946	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	56856	47.226	ug/l	98
43) Isopropyl Acetate	8.357	43	66676	53.657	ug/l	98
44) Trichloroethene	9.028	130	60077	48.474	ug/l	91
45) 1,2-Dichloropropane	9.304	63	58328	49.199	ug/l	99
46) Dibromomethane	9.387	93	29610	48.556	ug/l	98
47) Bromodichloromethane	9.581	83	74255	49.437	ug/l	95
48) Methyl methacrylate	9.375	41	31740	52.782	ug/l	99
49) 1,4-Dioxane	9.381	88	7236	1084.276	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	175045	268.117	ug/l	99
52) Toluene	10.334	92	140572	48.412	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	74479	55.578	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	90867	52.410	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	42923	53.435	ug/l	97
56) Ethyl methacrylate	10.592	69	56828	54.006	ug/l	99
57) 1,3-Dichloropropane	10.875	76	74058	51.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	44562	157.990	ug/l	99
59) 2-Hexanone	10.916	43	126651	277.342	ug/l	100
60) Dibromochloromethane	11.069	129	48839	50.772	ug/l	99
61) 1,2-Dibromoethane	11.175	107	39038	50.605	ug/l	95
64) Tetrachloroethene	10.804	164	51369	48.690	ug/l	95
65) Chlorobenzene	11.604	112	151169	47.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	52970	48.105	ug/l	98
67) Ethyl Benzene	11.681	91	275858	46.894	ug/l	100
68) m/p-Xylenes	11.792	106	212580	94.339	ug/l	100
69) o-Xylene	12.116	106	99041	48.095	ug/l	95
70) Styrene	12.128	104	170015	48.476	ug/l	98
71) Bromoform	12.292	173	27593	46.698	ug/l #	98
73) Isopropylbenzene	12.416	105	265891	46.048	ug/l	100
74) N-amyl acetate	12.228	43	63537	49.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	50602	50.437	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	60179	86.635	ug/l #	100
77) Bromobenzene	12.698	156	60295	47.786	ug/l	97
78) n-propylbenzene	12.757	91	327044	45.658	ug/l	99
79) 2-Chlorotoluene	12.845	91	178502	47.254	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	214939	45.523	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	15144	54.640	ug/l #	100
82) 4-Chlorotoluene	12.939	91	181918	46.439	ug/l	99
83) tert-Butylbenzene	13.157	119	190600	45.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	214627	46.204	ug/l	100
85) sec-Butylbenzene	13.339	105	284246	45.749	ug/l	99
86) p-Isopropyltoluene	13.457	119	238312	45.896	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	118260	45.596	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	118560	46.772	ug/l	99
89) n-Butylbenzene	13.781	91	230511	45.325	ug/l	99
90) Hexachloroethane	14.045	117	36647	37.395	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	103486	47.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7058	47.326	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	71251	48.298	ug/l	99
94) Hexachlorobutadiene	15.192	225	38099	45.458	ug/l	98
95) Naphthalene	15.322	128	134822	49.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	60722	47.893	ug/l	98

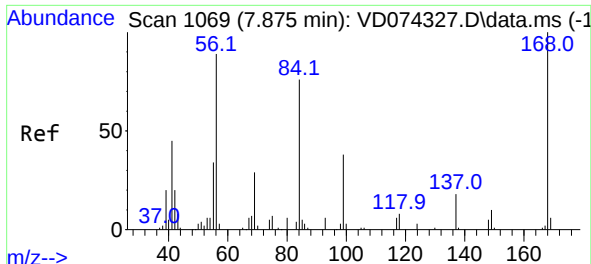
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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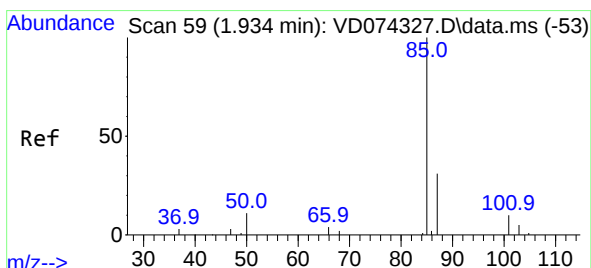
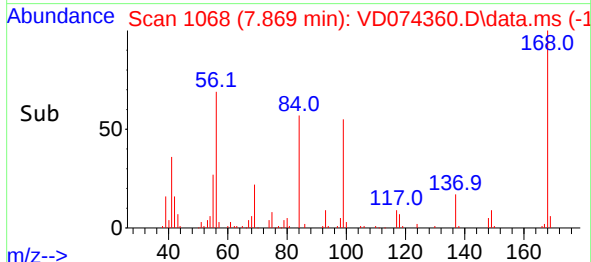
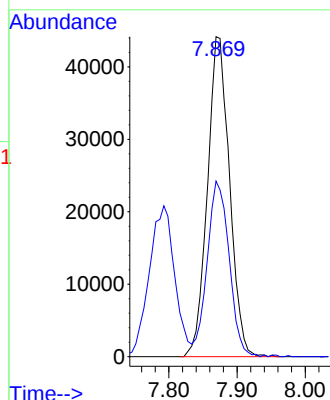
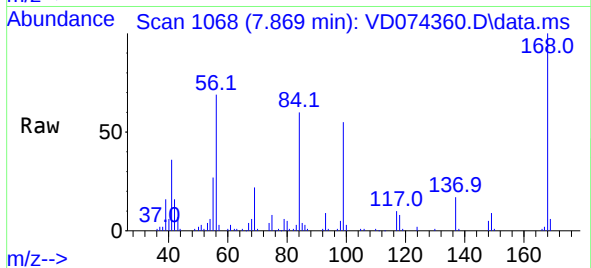
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

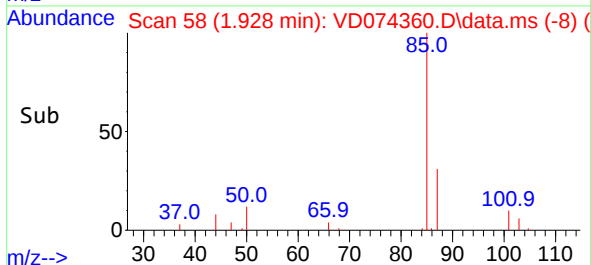
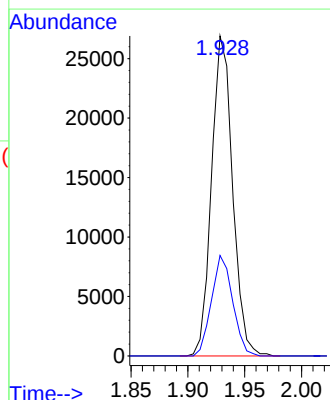
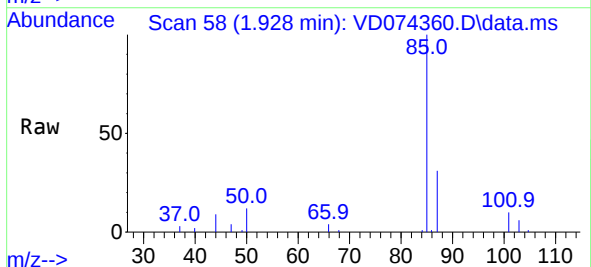
Instrument :
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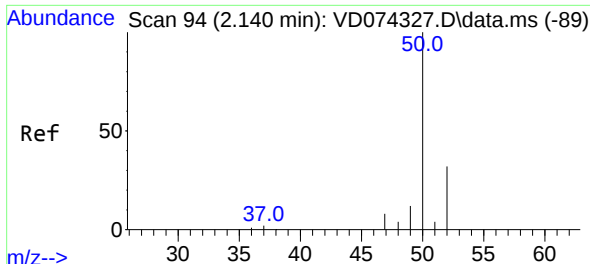
Tgt Ion:168 Resp: 99643
Ion Ratio Lower Upper
168 100
99 54.9 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 37.761 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 85 Resp: 34661
Ion Ratio Lower Upper
85 100
87 31.4 17.9 53.7

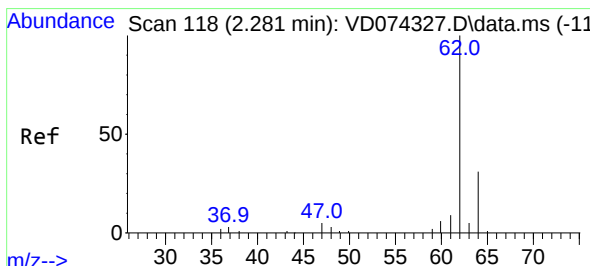
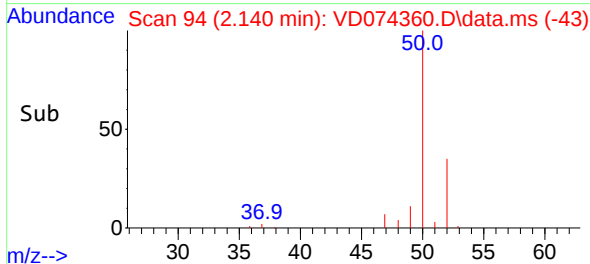
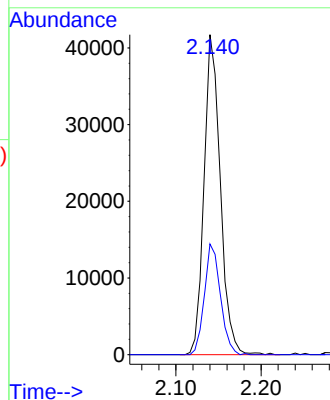
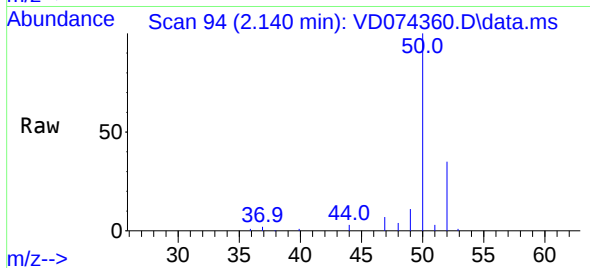




#3
Chloromethane
Concen: 63.425 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

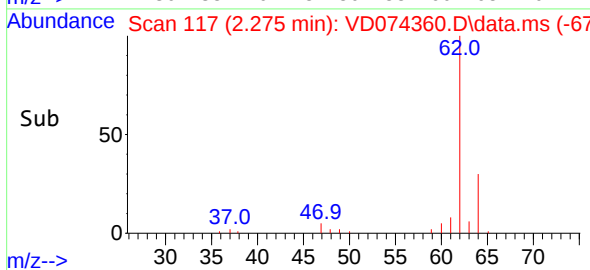
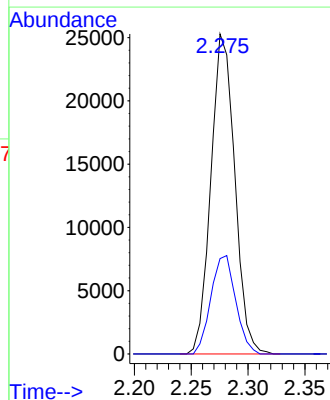
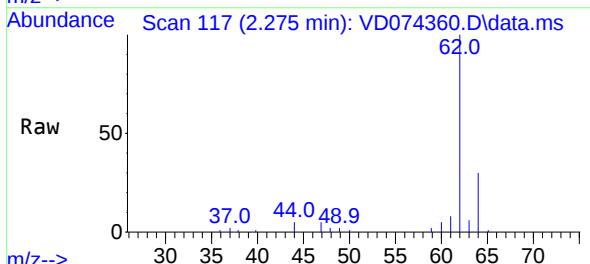
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ClientSampleId :
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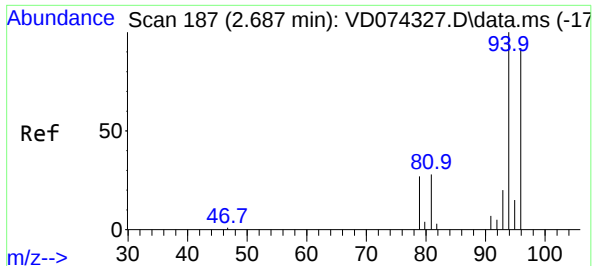
Tgt Ion: 50 Resp: 55365
Ion Ratio Lower Upper
50 100
52 34.6 25.8 38.8



#4
Vinyl Chloride
Concen: 43.103 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 62 Resp: 36926
Ion Ratio Lower Upper
62 100
64 29.8 27.0 40.4

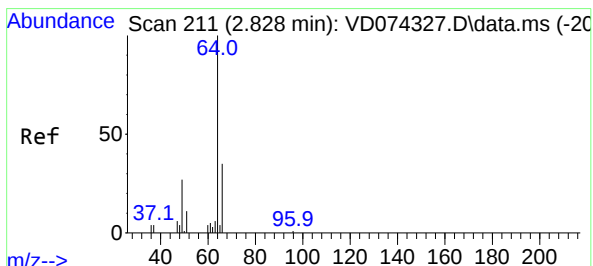
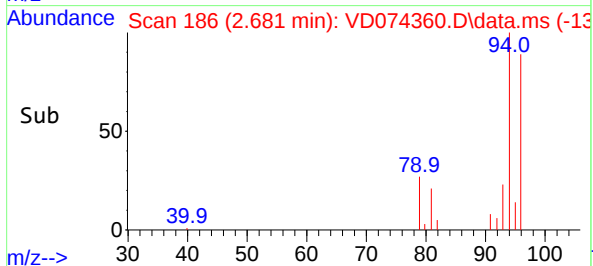
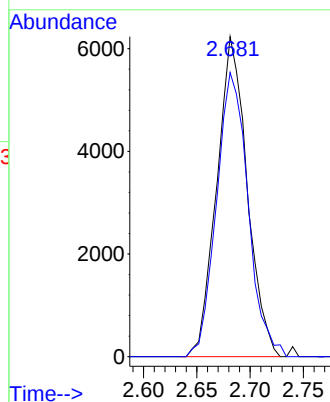
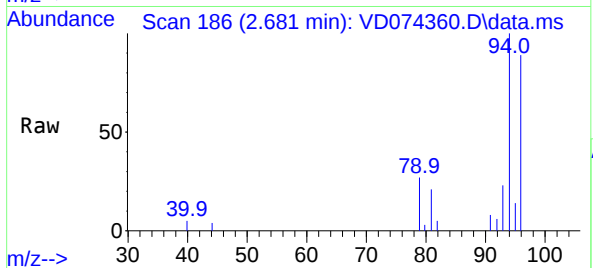




#5
Bromomethane
Concen: 23.356 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

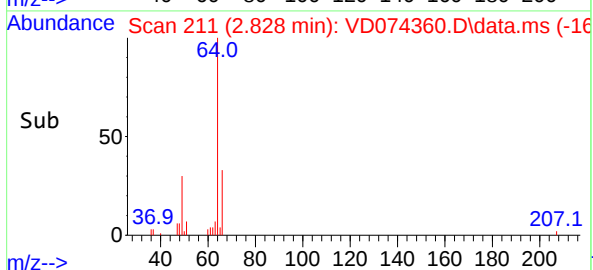
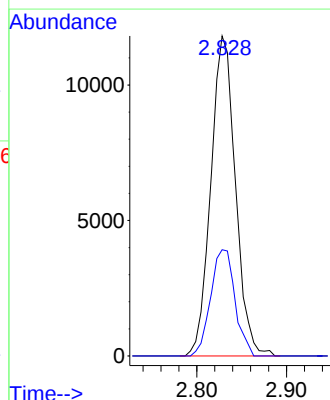
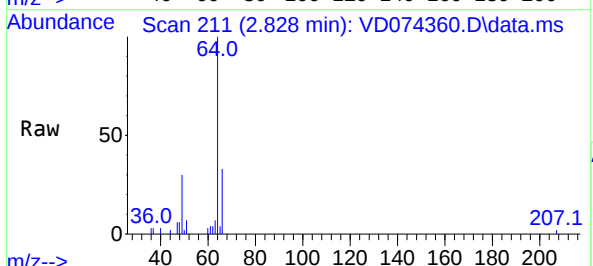
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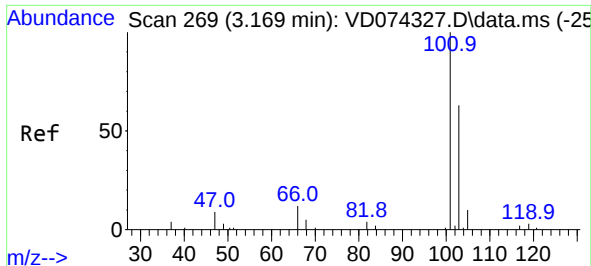
Tgt Ion: 94 Resp: 12370
Ion Ratio Lower Upper
94 100
96 88.8 74.6 112.0



#6
Chloroethane
Concen: 44.636 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 64 Resp: 22467
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8

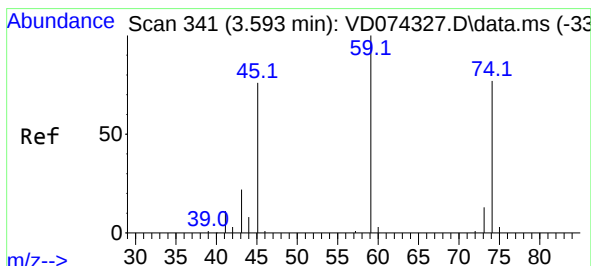
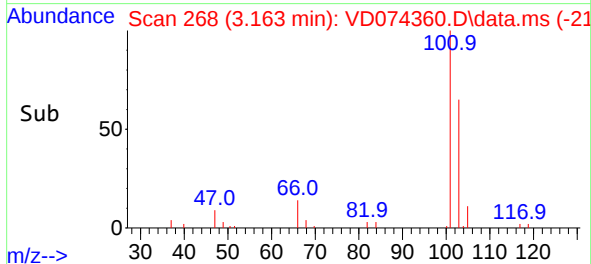
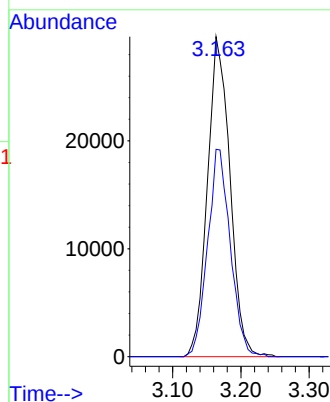
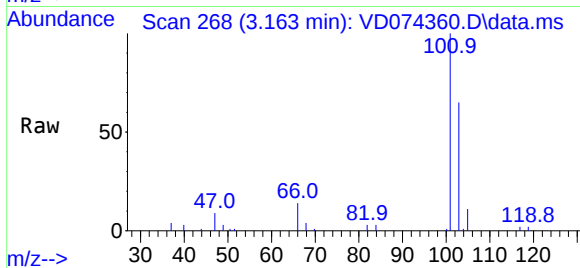




#7
Trichlorofluoromethane
Concen: 40.844 ug/l
RT: 3.163 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

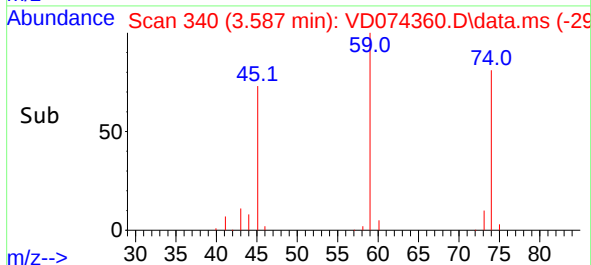
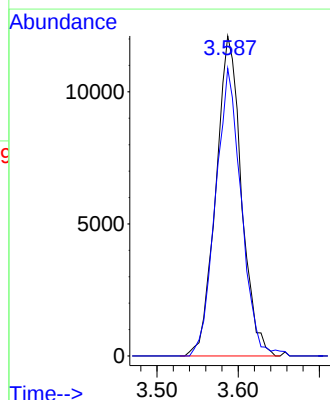
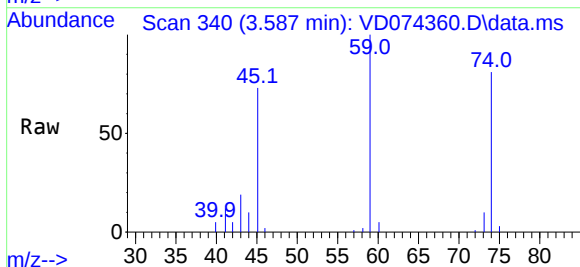
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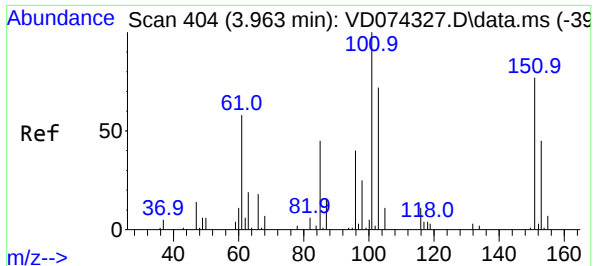
Tgt Ion:101 Resp: 68186
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0



#8
Diethyl Ether
Concen: 49.803 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 74 Resp: 26503
Ion Ratio Lower Upper
74 100
45 90.6 47.9 143.6

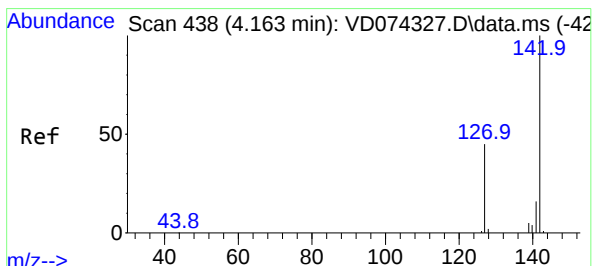
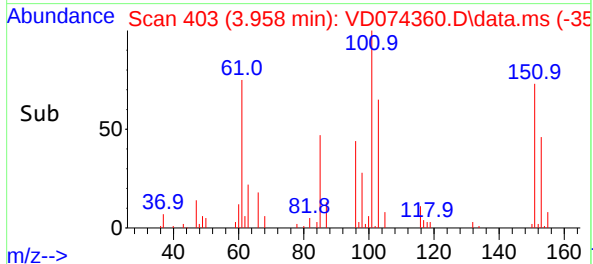
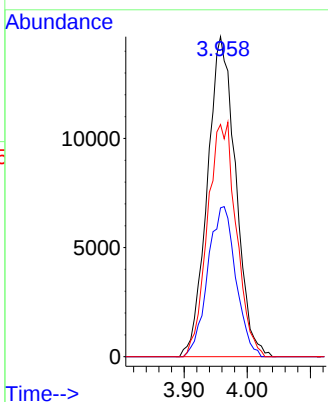
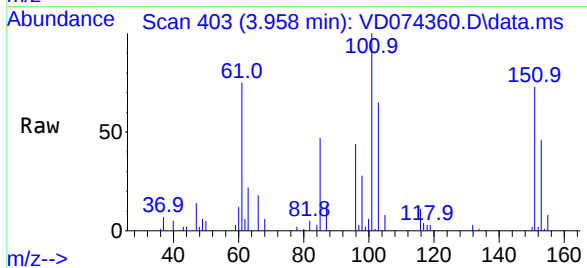




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.534 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.005 min
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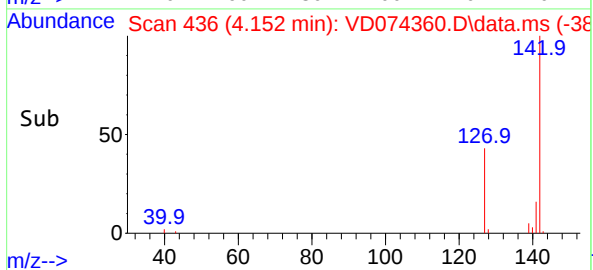
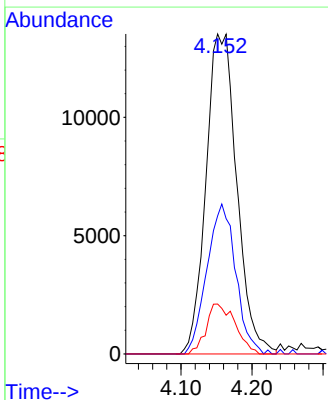
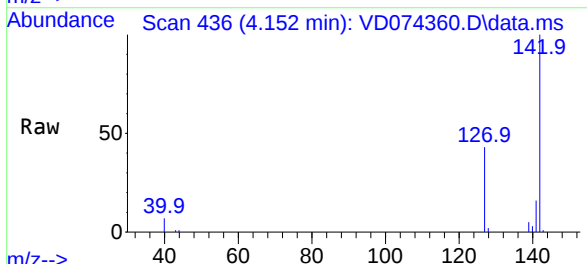
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

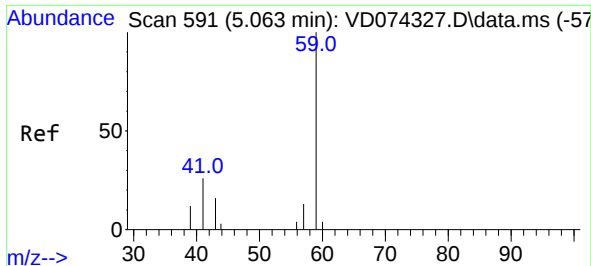
Tgt Ion:101 Resp: 45698
Ion Ratio Lower Upper
101 100
85 46.4 35.0 52.4
151 74.6 59.7 89.5



#10
Methyl Iodide
Concen: 31.425 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.011 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:142 Resp: 40747
Ion Ratio Lower Upper
142 100
127 43.8 34.6 51.8
141 14.7 11.7 17.5

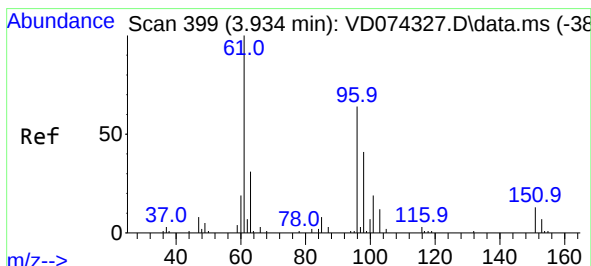
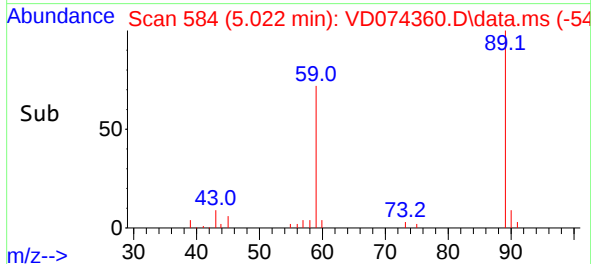
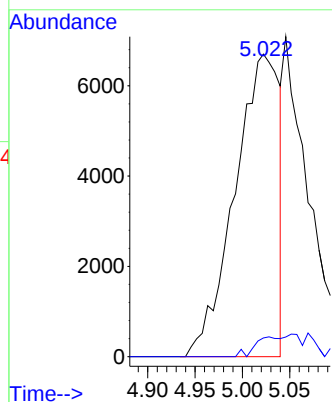
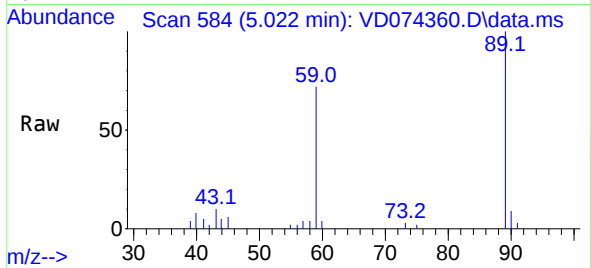




#11
Tert butyl alcohol
Concen: 333.578 ug/l
RT: 5.022 min Scan# 591
Delta R.T. -0.041 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

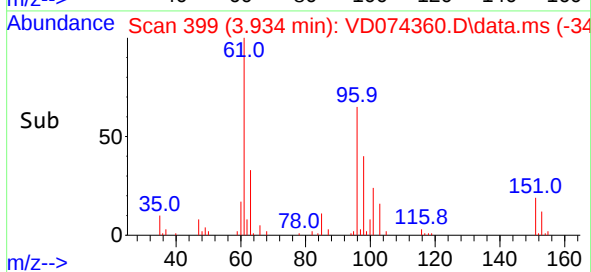
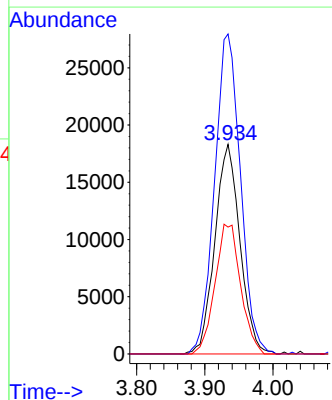
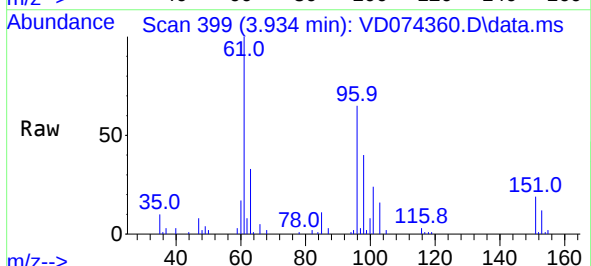
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

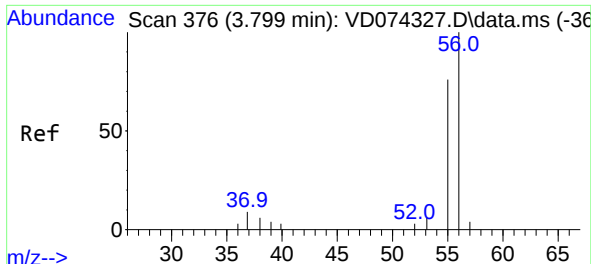
Tgt Ion: 59 Resp: 21879
Ion Ratio Lower Upper
59 100
57 3.8 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 43.958 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 96 Resp: 46970
Ion Ratio Lower Upper
96 100
61 152.7 122.3 183.5
98 60.5 50.7 76.1

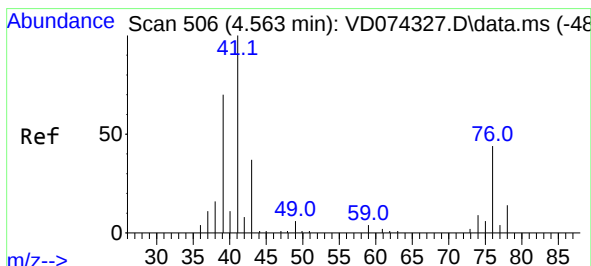
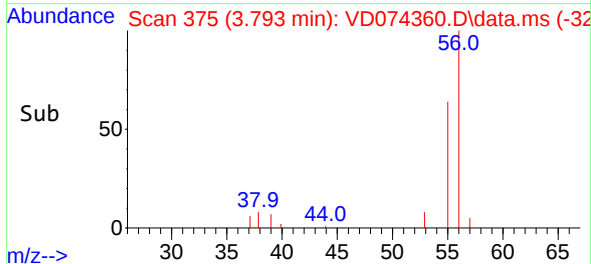
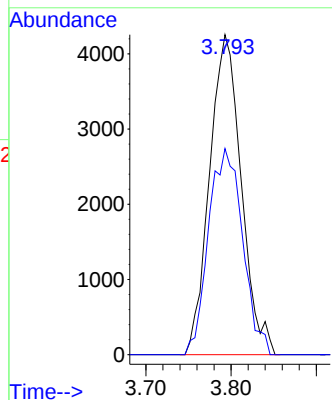
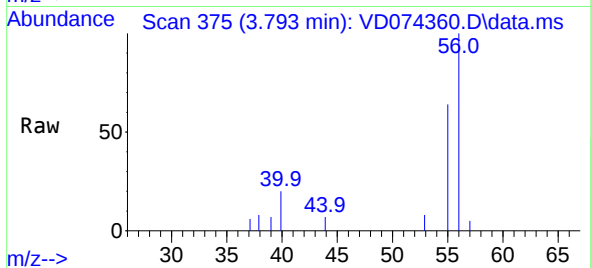




#13
Acrolein
Concen: 155.456 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

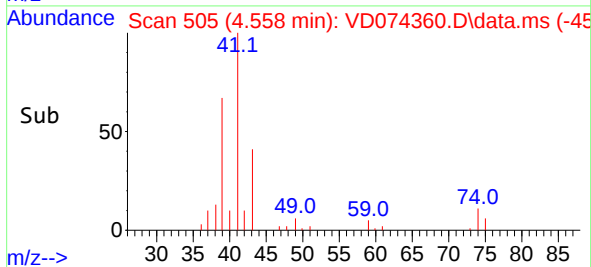
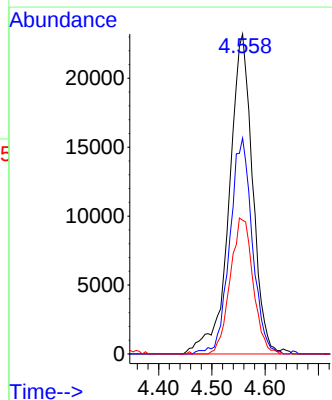
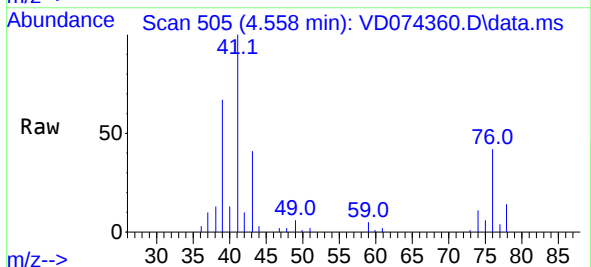
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

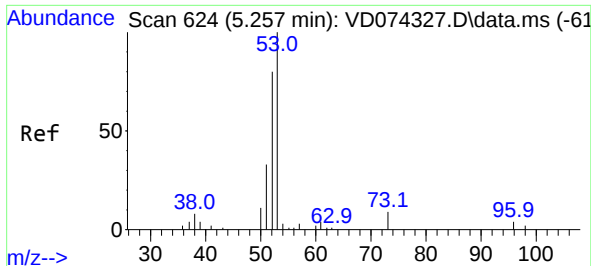
Tgt Ion: 56 Resp: 10996
Ion Ratio Lower Upper
56 100
55 69.2 57.4 86.2



#14
Allyl chloride
Concen: 45.787 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 41 Resp: 70805
Ion Ratio Lower Upper
41 100
39 64.9 52.8 79.2
76 41.4 32.9 49.3

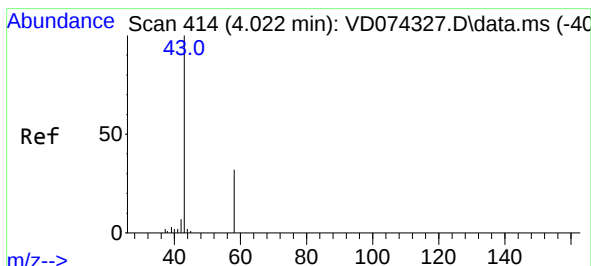
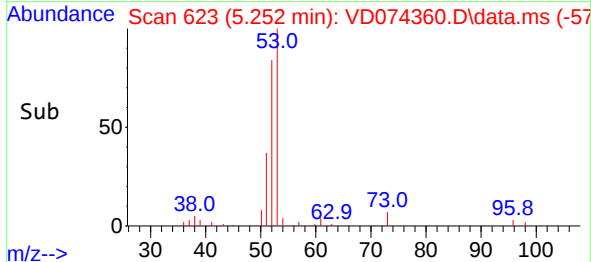
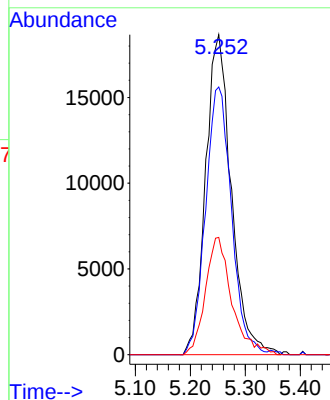
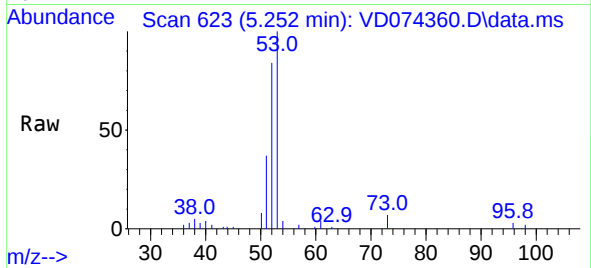




#15
Acrylonitrile
Concen: 258.125 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

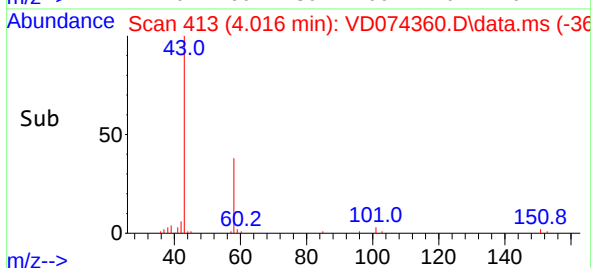
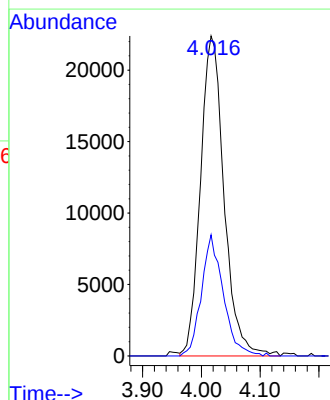
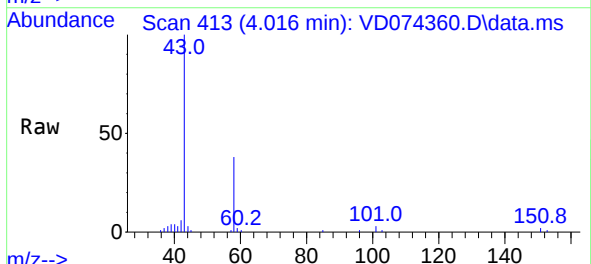
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

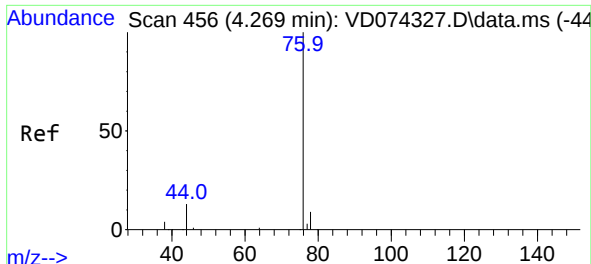
Tgt Ion: 53 Resp: 60546
Ion Ratio Lower Upper
53 100
52 84.3 65.3 97.9
51 37.6 29.0 43.6



#16
Acetone
Concen: 285.789 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 43 Resp: 62489
Ion Ratio Lower Upper
43 100
58 37.8 26.4 39.6

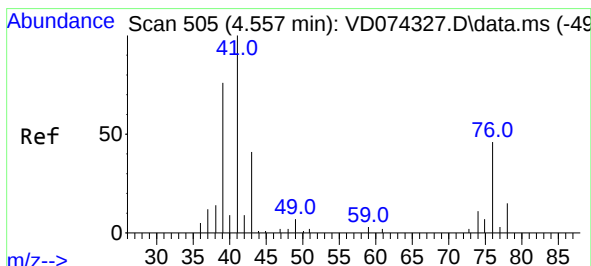
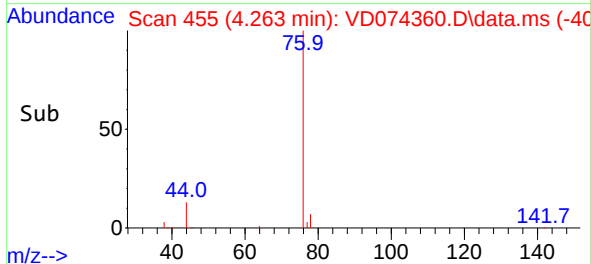
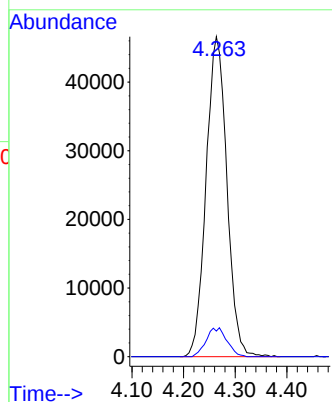
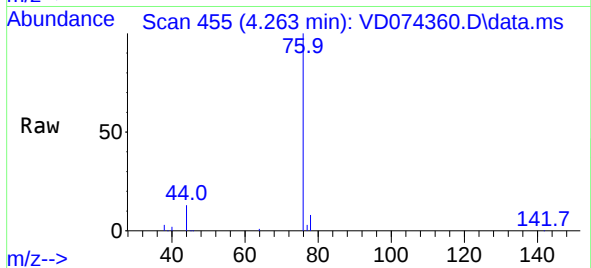




#17
Carbon Disulfide
Concen: 37.403 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

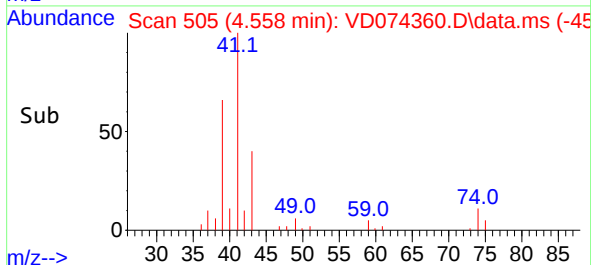
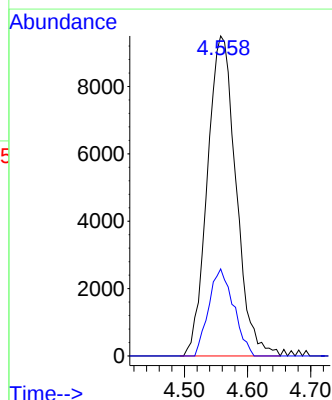
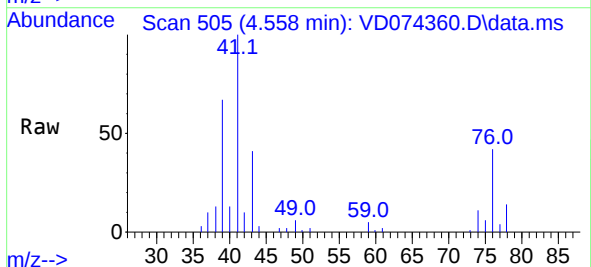
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

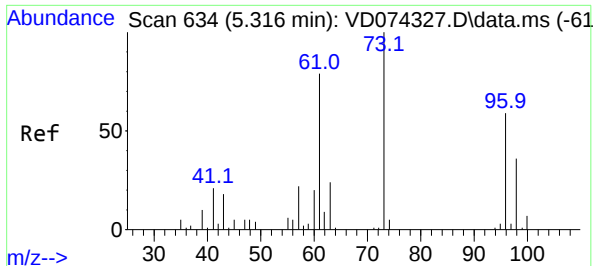
Tgt Ion: 76 Resp: 130136
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#18
Methyl Acetate
Concen: 50.032 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 43 Resp: 29928
Ion Ratio Lower Upper
43 100
74 23.7 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 52.121 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

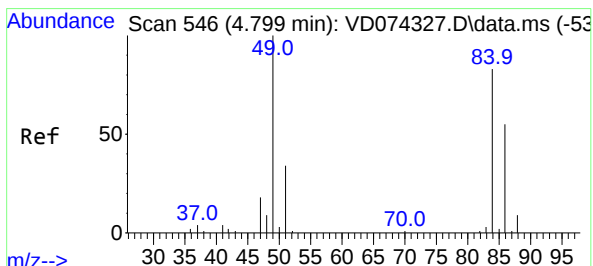
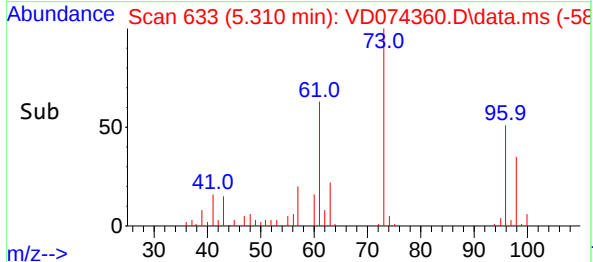
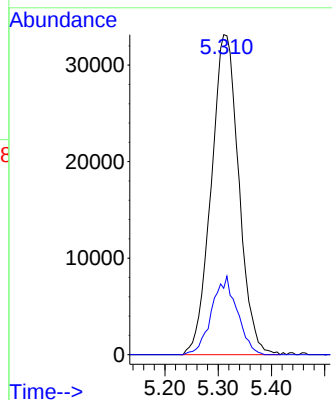
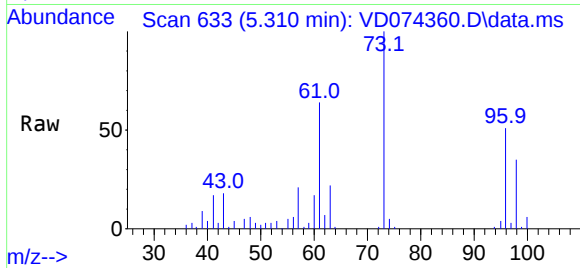
VSTDCCC050

Tgt Ion: 73 Resp: 119264

Ion Ratio Lower Upper

73 100

57 20.7 17.8 26.6



#20

Methylene Chloride

Concen: 45.222 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Tgt Ion: 84 Resp: 62939

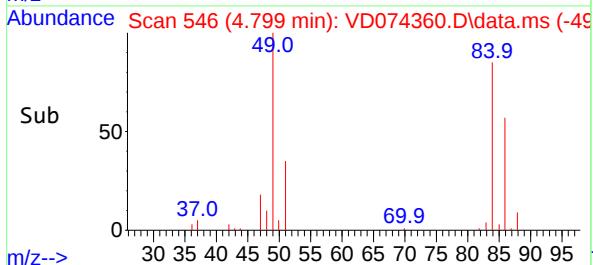
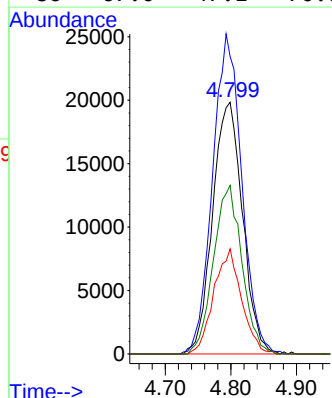
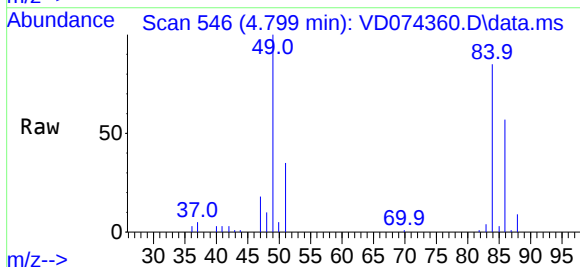
Ion Ratio Lower Upper

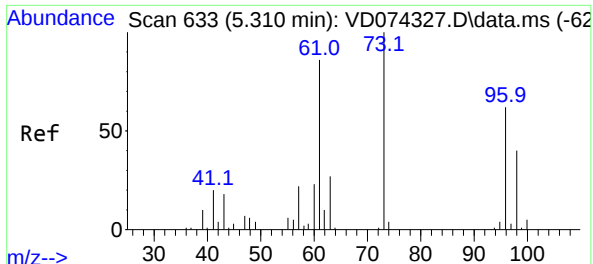
84 100

49 118.1 88.4 132.6

51 41.8 28.0 42.0

86 67.0 47.1 70.7

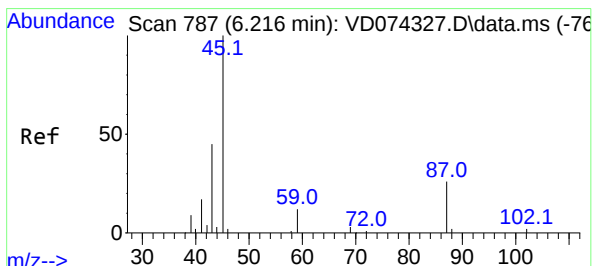
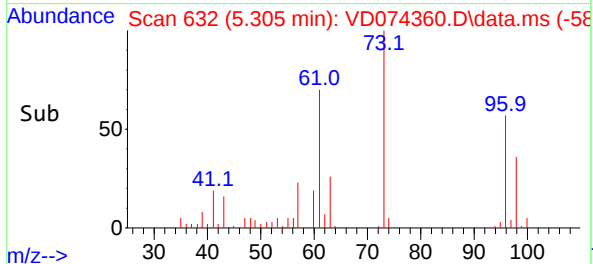
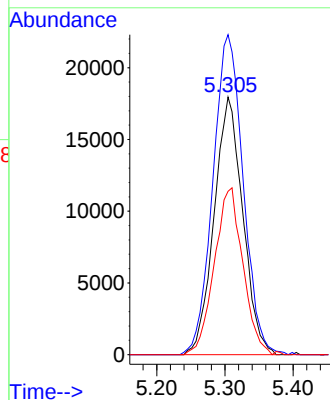
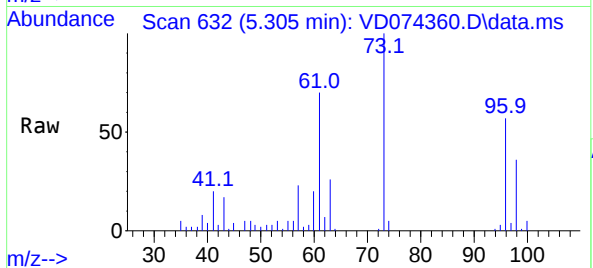




#21
trans-1,2-Dichloroethene
Concen: 44.444 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

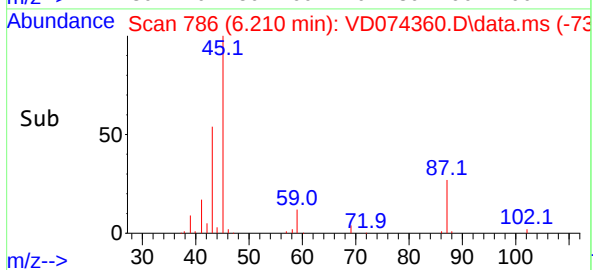
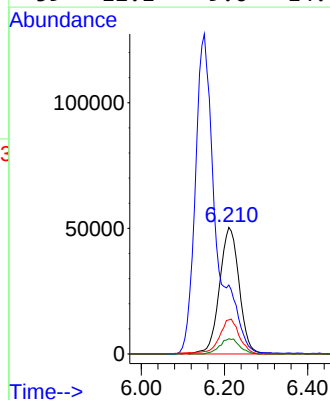
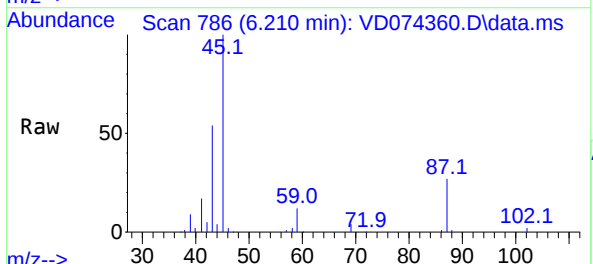
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

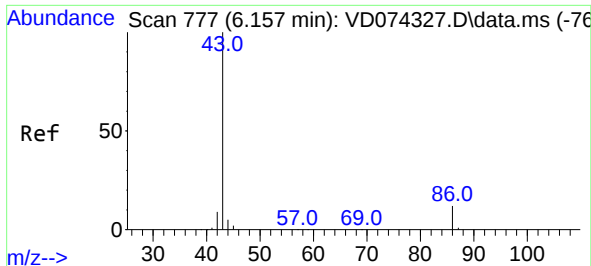
Tgt Ion: 96 Resp: 52582
Ion Ratio Lower Upper
96 100
61 124.2 105.1 157.7
98 63.4 47.4 71.2



#22
Diisopropyl ether
Concen: 50.770 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 45 Resp: 165361
Ion Ratio Lower Upper
45 100
43 53.9 38.9 58.3
87 26.9 21.0 31.4
59 12.1 9.6 14.4

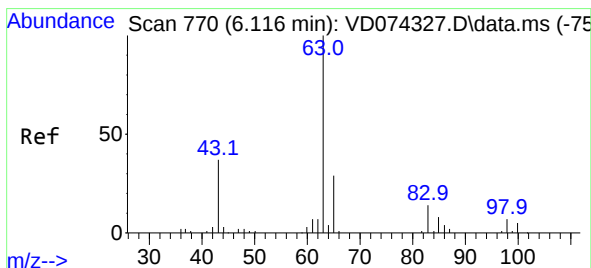
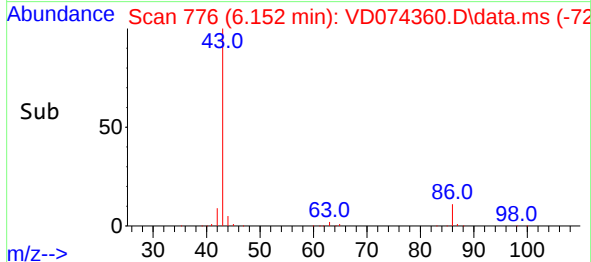
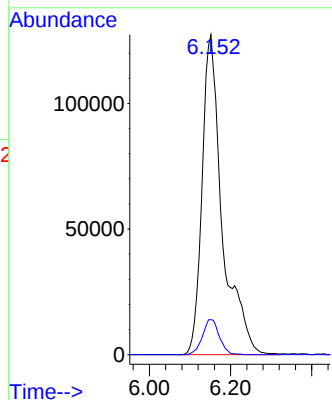
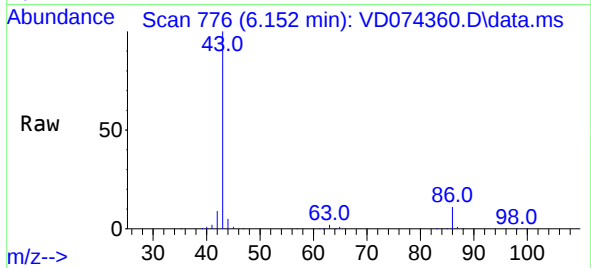




#23
 Vinyl Acetate
 Concen: 265.271 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

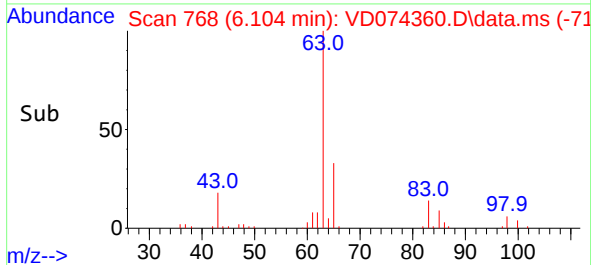
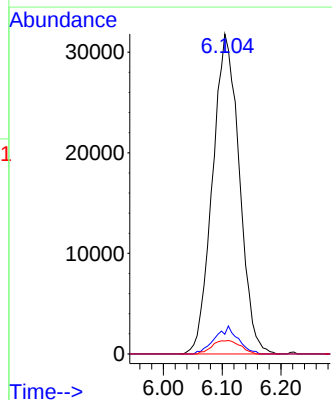
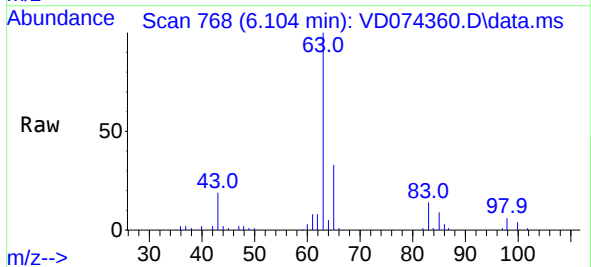
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

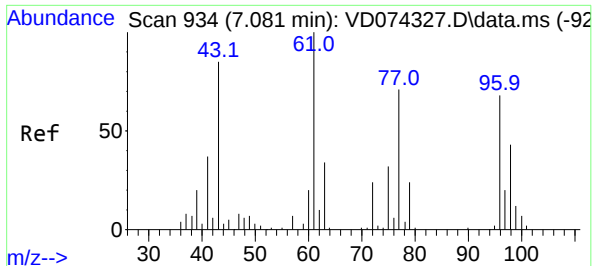
Tgt Ion: 43 Resp: 440277
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.076 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

Tgt Ion: 63 Resp: 100790
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.8 8.4
 100 4.0 2.2 6.6

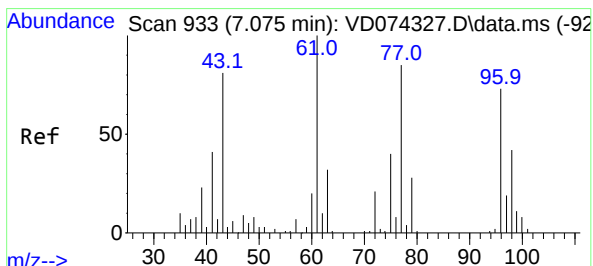
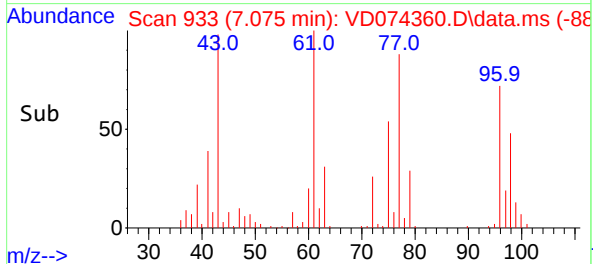
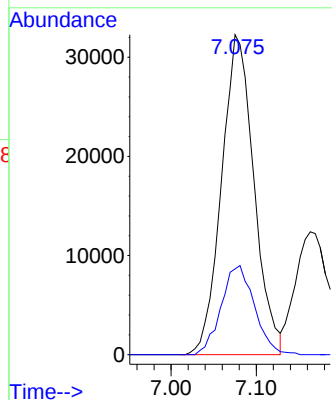
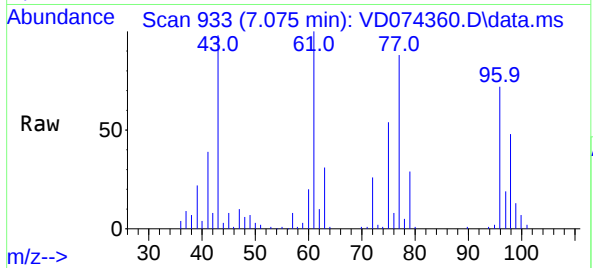




#25
2-Butanone
Concen: 262.060 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

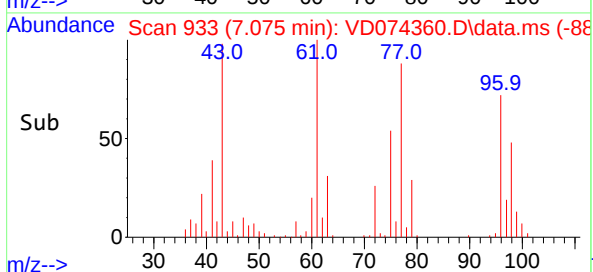
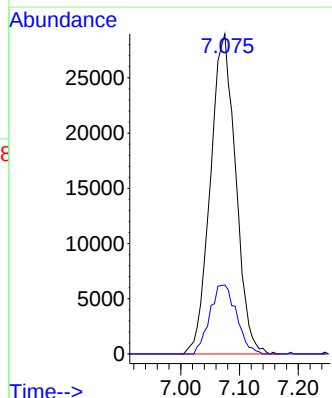
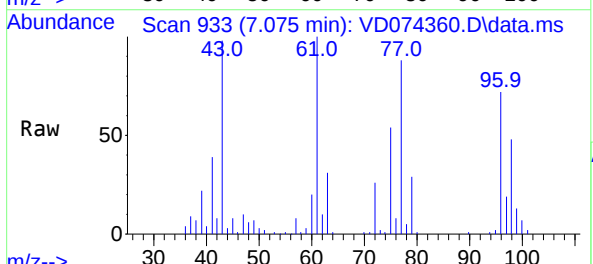
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

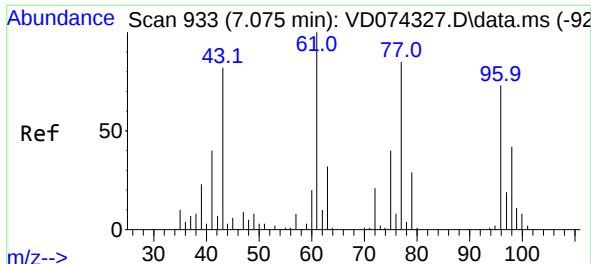
Tgt Ion: 43 Resp: 85346
Ion Ratio Lower Upper
43 100
72 26.8 21.8 32.6



#26
2,2-Dichloropropane
Concen: 50.024 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 77 Resp: 86573
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.4



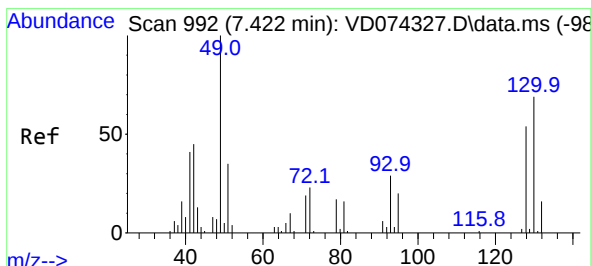
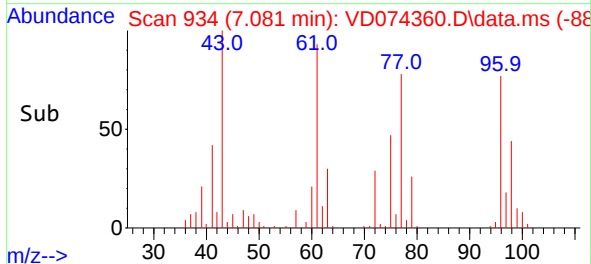
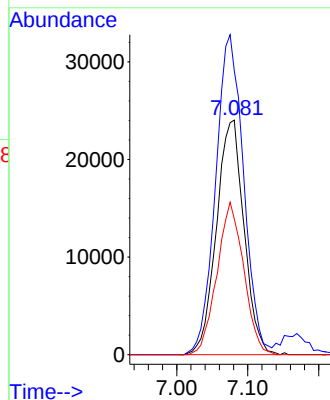
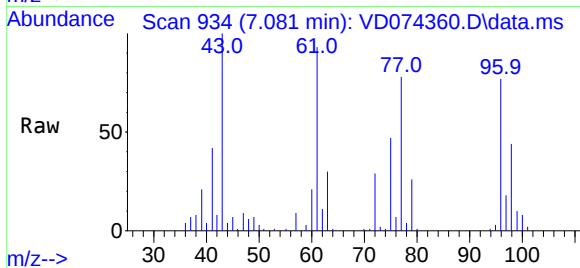


#27
 cis-1,2-Dichloroethene
 Concen: 49.470 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 64844

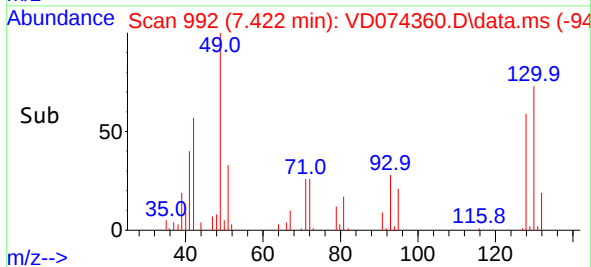
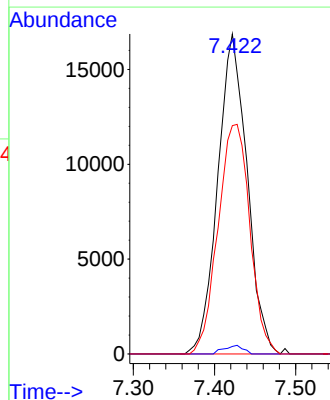
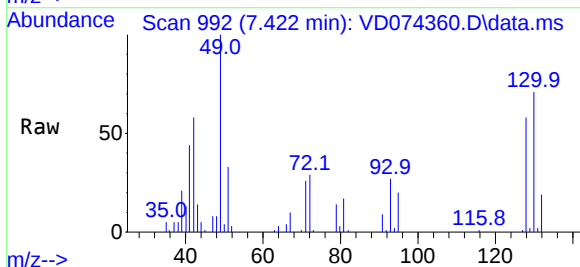
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	289.4
98	63.0	0.0	130.2

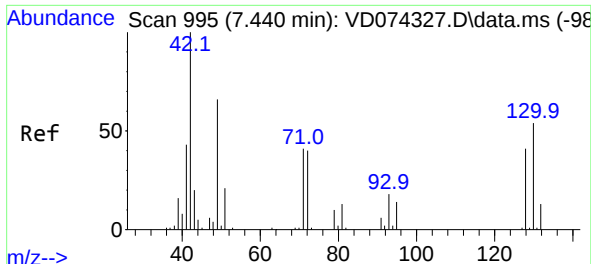


#28
 Bromochloromethane
 Concen: 52.291 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

Tgt Ion: 49 Resp: 42331

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	77.9	62.2	93.2

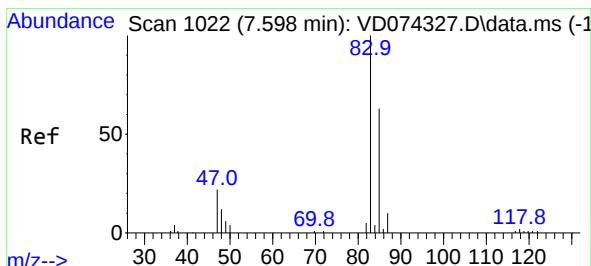
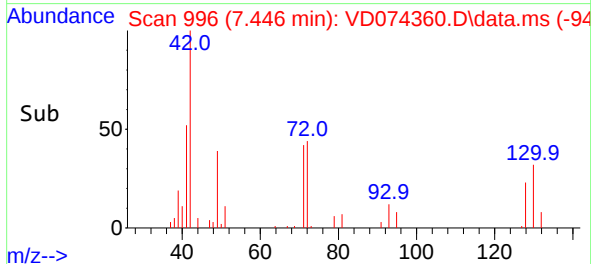
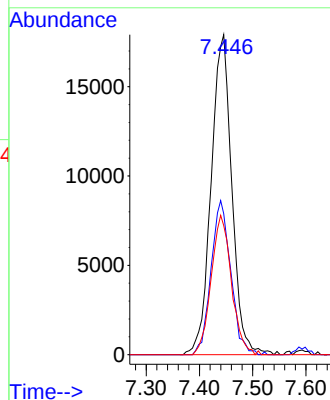
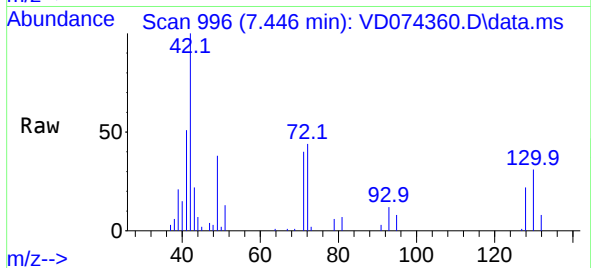




#29
Tetrahydrofuran
Concen: 259.564 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

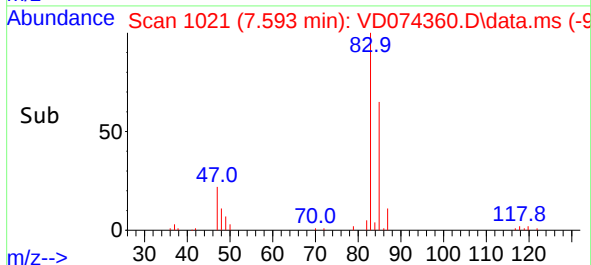
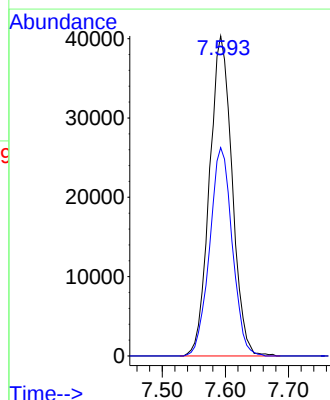
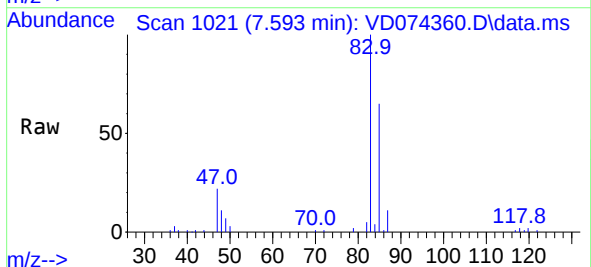
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

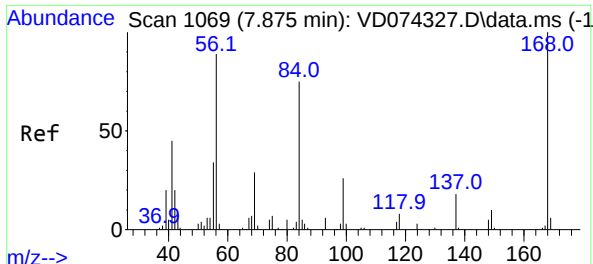
Tgt Ion: 42 Resp: 48445
Ion Ratio Lower Upper
42 100
72 45.6 36.1 54.1
71 42.5 34.1 51.1



#30
Chloroform
Concen: 48.628 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 83 Resp: 100245
Ion Ratio Lower Upper
83 100
85 65.1 56.7 85.1





#31

Cyclohexane

Concen: 39.213 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

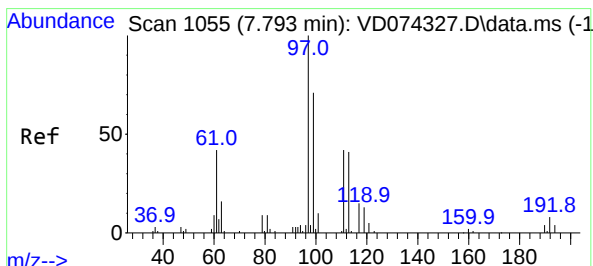
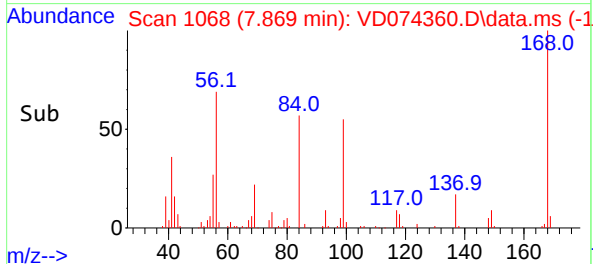
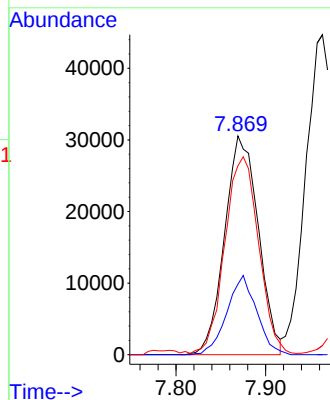
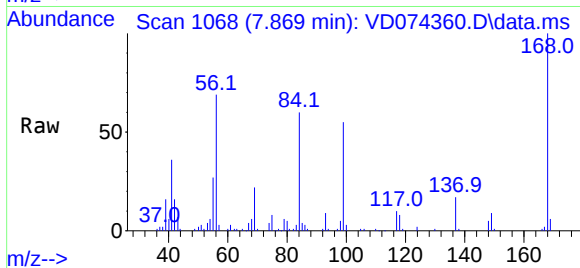
Tgt Ion: 56 Resp: 79819

Ion Ratio Lower Upper

56 100

69 32.2 25.7 38.5

84 85.6 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 46.972 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

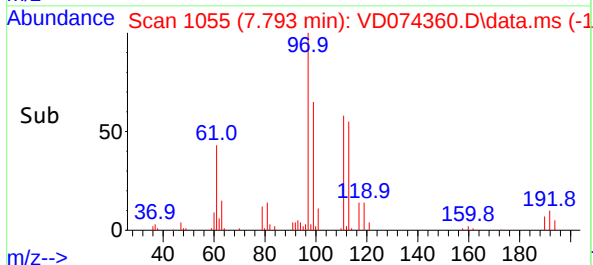
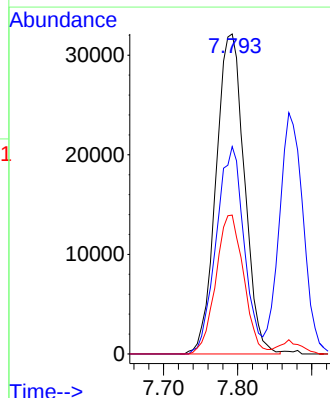
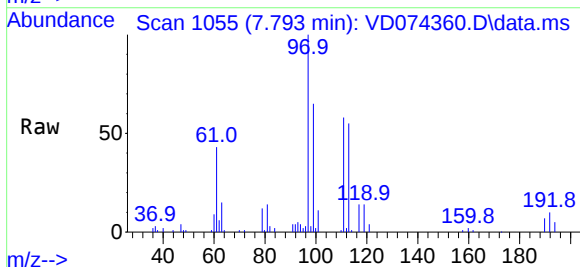
Tgt Ion: 97 Resp: 85419

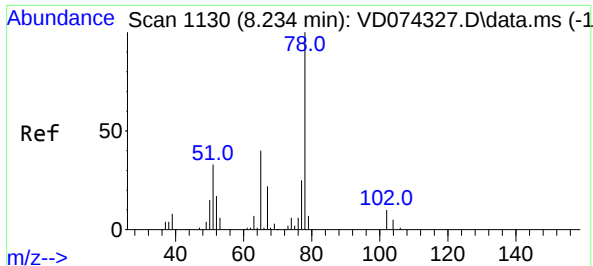
Ion Ratio Lower Upper

97 100

99 63.7 51.2 76.8

61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.488 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

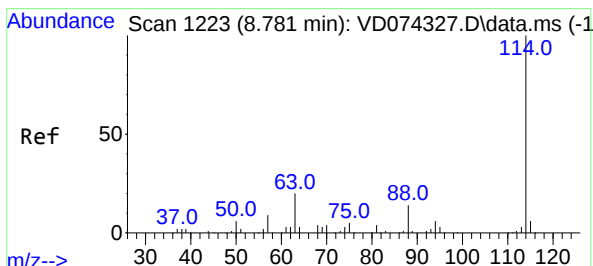
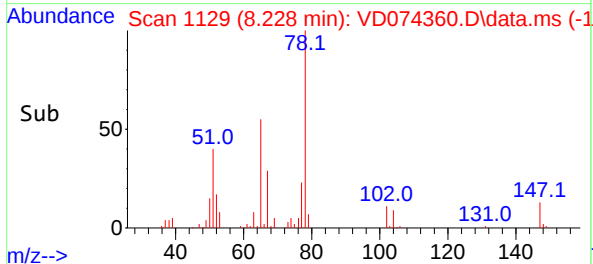
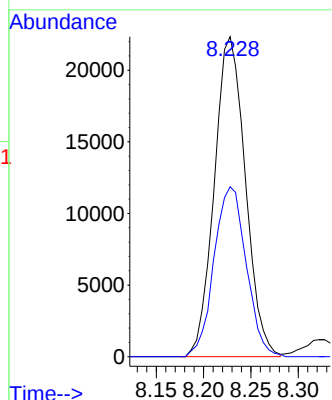
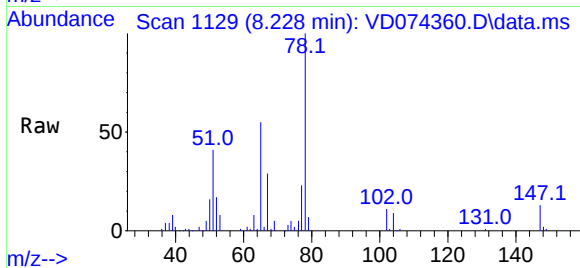
VSTDCCC050

Tgt Ion: 65 Resp: 50942

Ion Ratio Lower Upper

65 100

67 55.0 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: VD074360.D

Acq: 20 Sep 2022 10:53

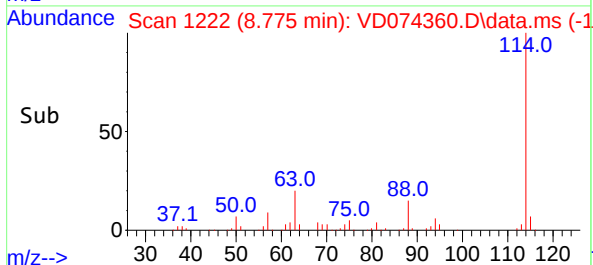
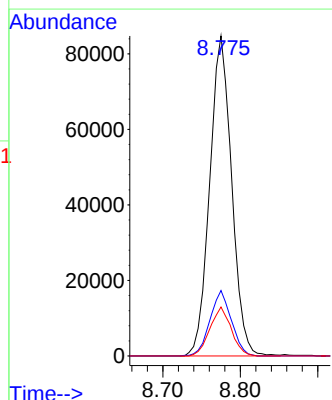
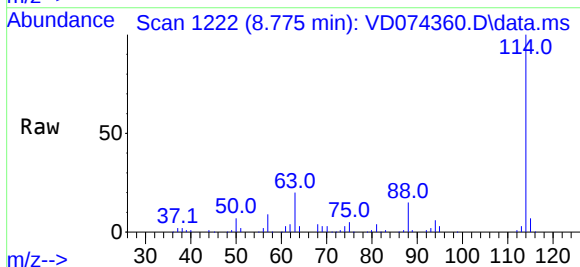
Tgt Ion: 114 Resp: 167227

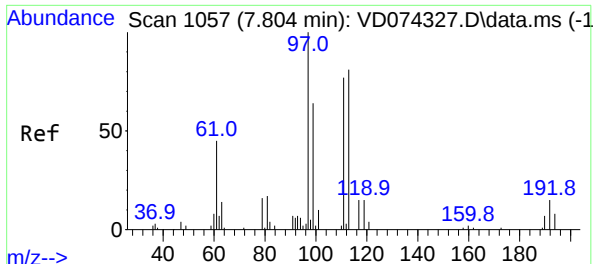
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 15.3 0.0 28.4

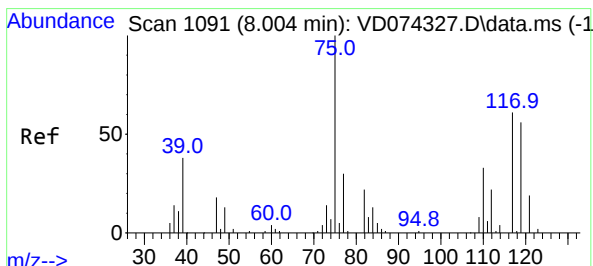
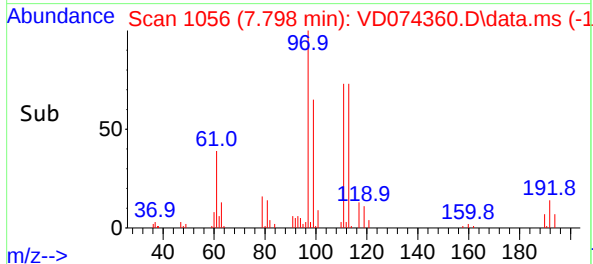
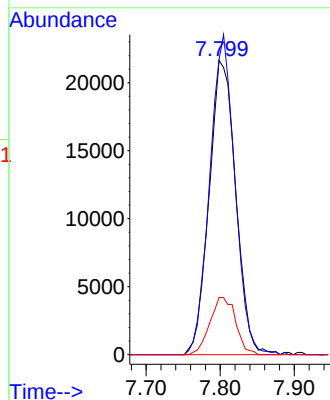
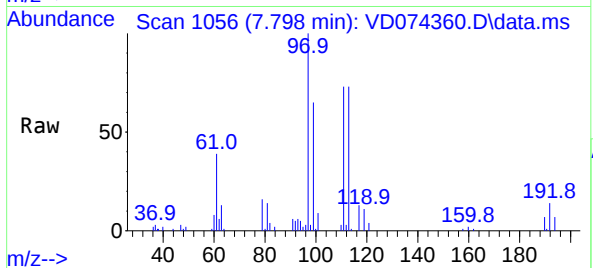




#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

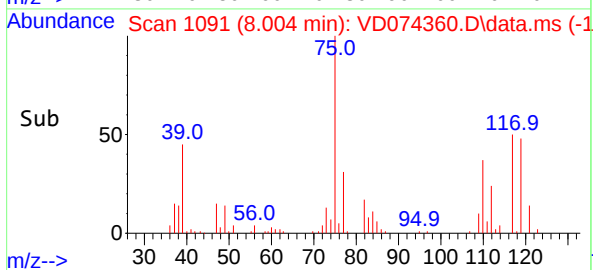
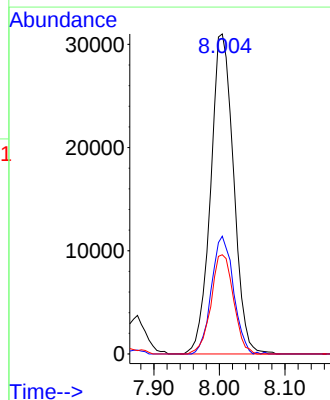
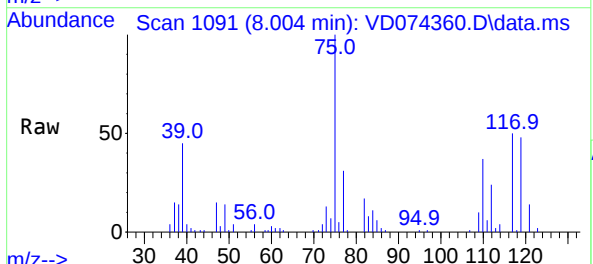
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

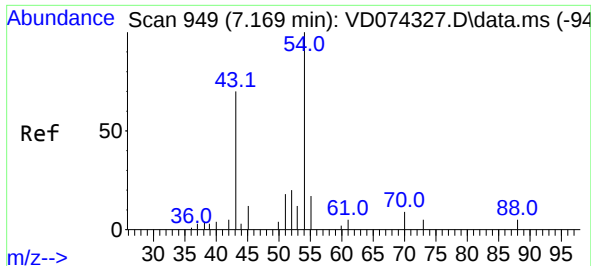
Tgt Ion:113 Resp: 54137
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 18.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 44.730 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 75 Resp: 75201
Ion Ratio Lower Upper
75 100
110 35.4 17.5 52.5
77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 50.823 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

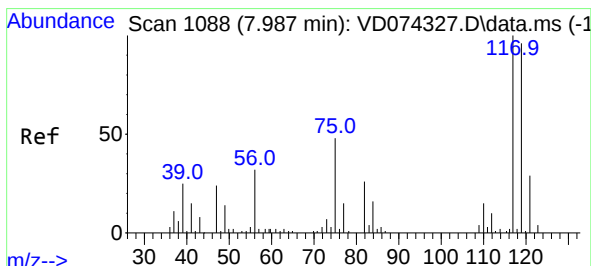
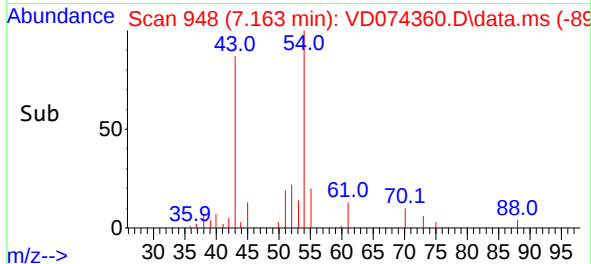
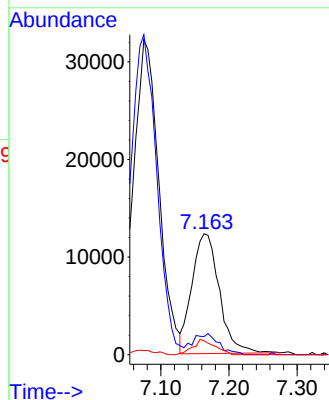
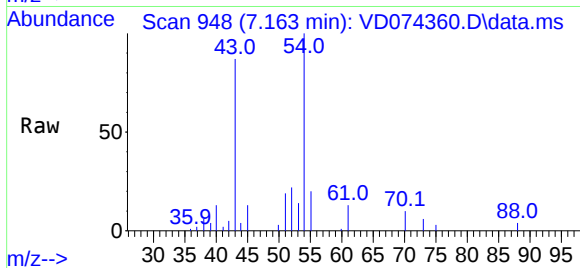
Tgt Ion: 43 Resp: 34231

Ion Ratio Lower Upper

43 100

61 16.6 12.1 18.1

70 10.1 8.5 12.7



#38

Carbon Tetrachloride

Concen: 40.973 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

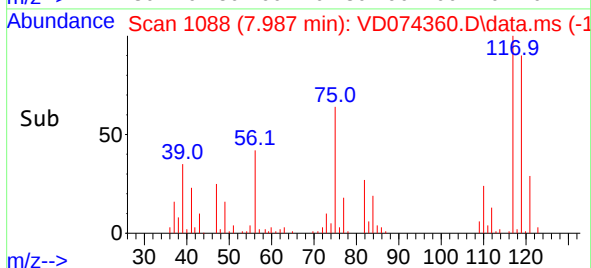
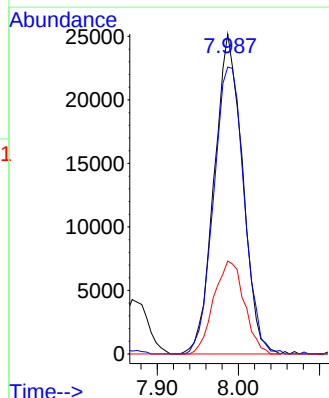
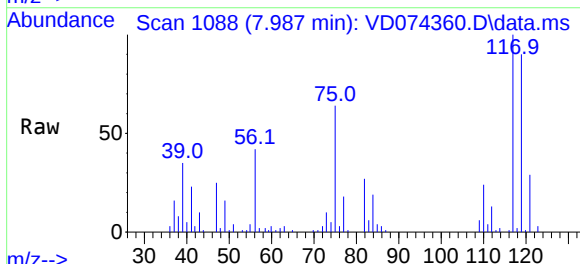
Tgt Ion: 117 Resp: 61044

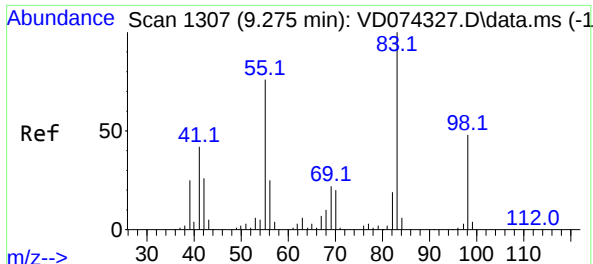
Ion Ratio Lower Upper

117 100

119 89.6 78.8 118.2

121 29.0 23.9 35.9

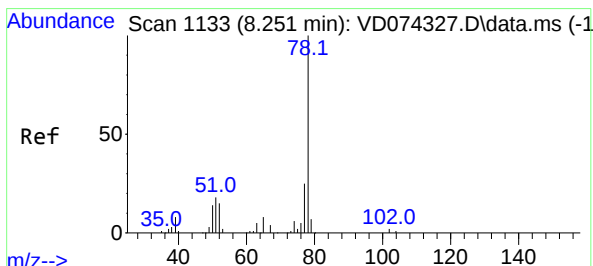
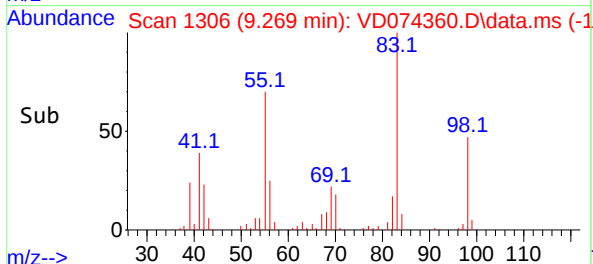
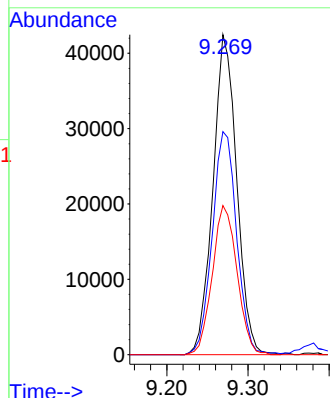
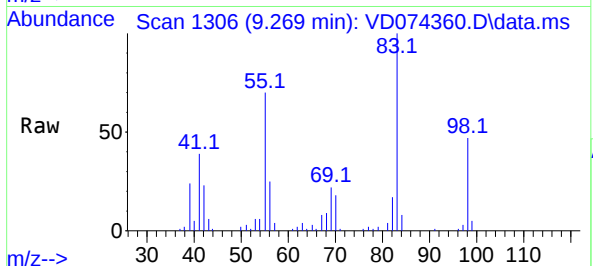




#39
Methylcyclohexane
Concen: 42.480 ug/l
RT: 9.269 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

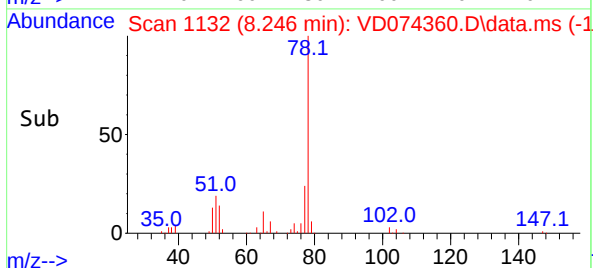
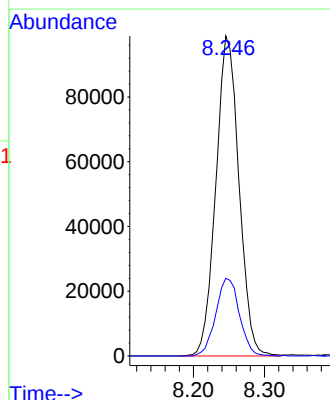
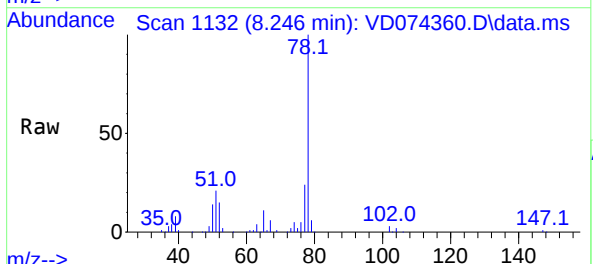
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

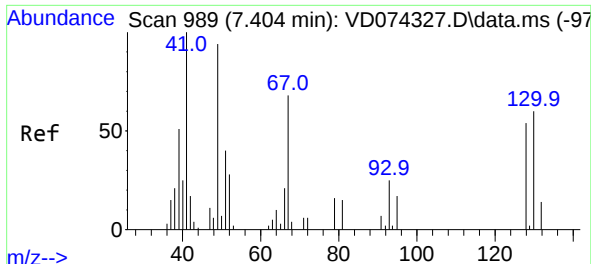
Tgt Ion: 83 Resp: 86385
Ion Ratio Lower Upper
83 100
55 69.7 57.2 85.8
98 46.6 38.3 57.5



#40
Benzene
Concen: 47.304 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.005 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 78 Resp: 222991
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2



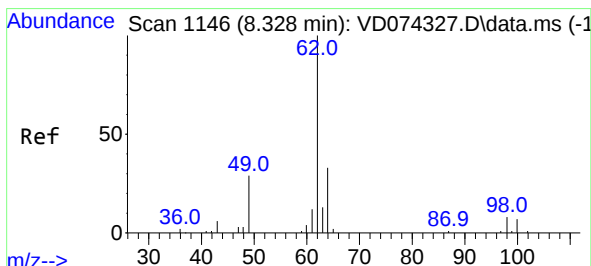
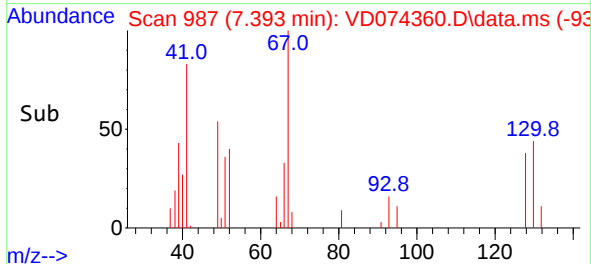
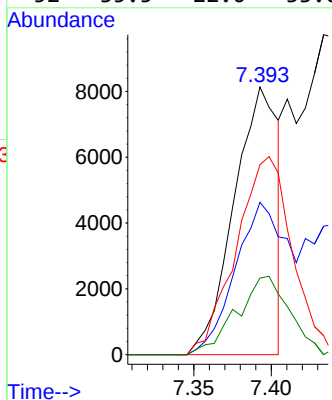
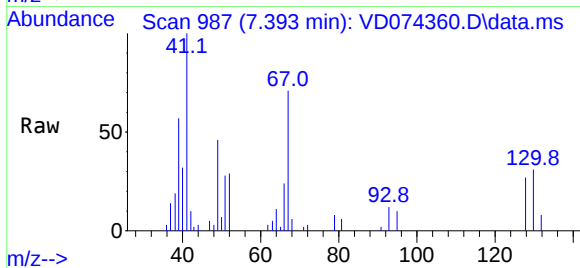


#41
Methacrylonitrile
Concen: 43.946 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 16066

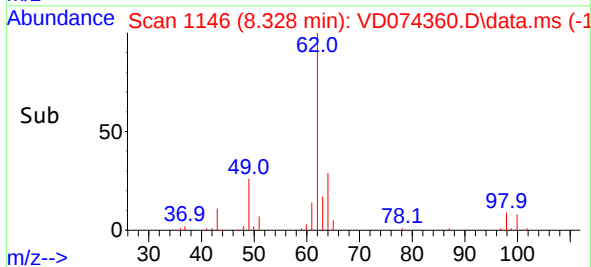
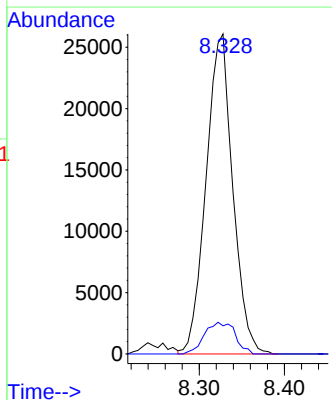
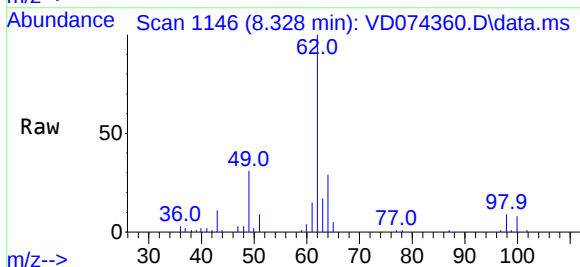
Ion	Ratio	Lower	Upper
41	100		
39	68.4	39.8	59.6#
67	94.0	56.1	84.1#
52	35.5	22.0	33.0#

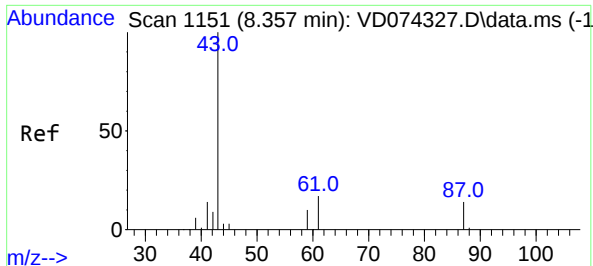


#42
1,2-Dichloroethane
Concen: 47.226 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 62 Resp: 56856

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4

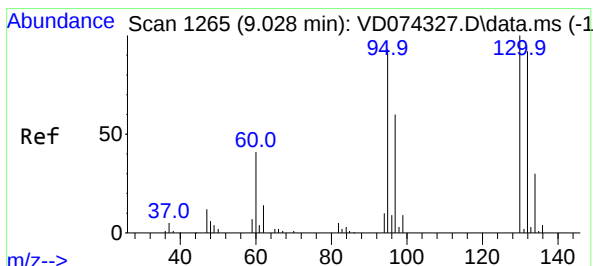
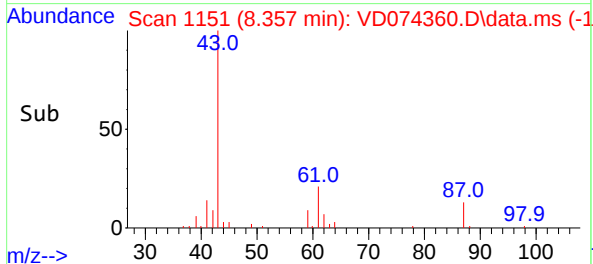
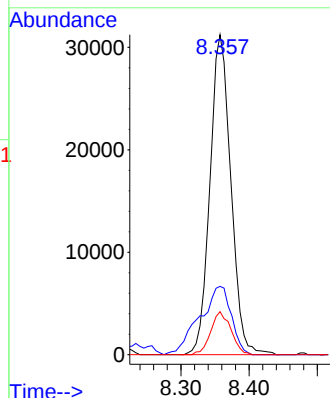
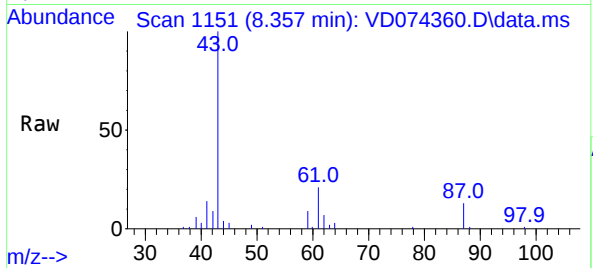




#43
Isopropyl Acetate
Concen: 53.657 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

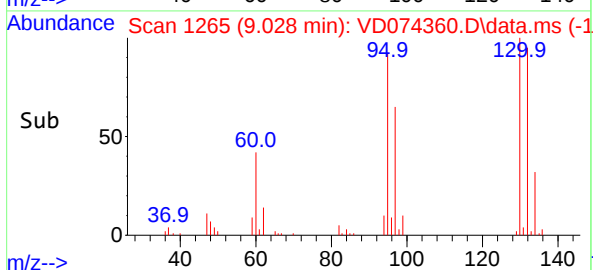
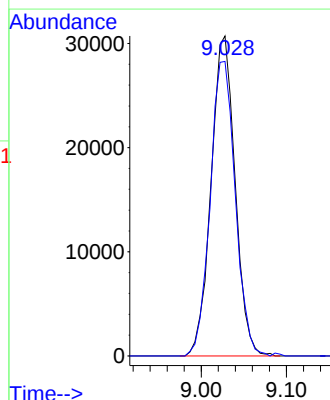
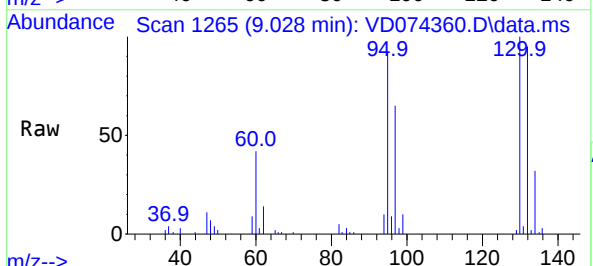
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

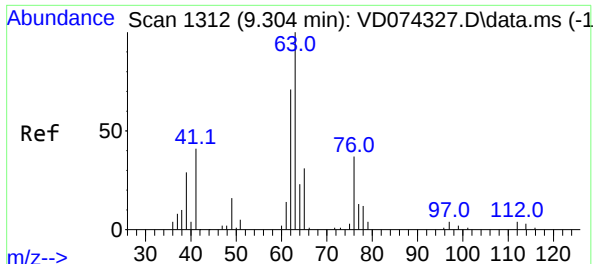
Tgt Ion: 43 Resp: 66676
Ion Ratio Lower Upper
43 100
61 32.3 24.5 36.7
87 13.0 10.8 16.2



#44
Trichloroethene
Concen: 48.474 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 130 Resp: 60077
Ion Ratio Lower Upper
130 100
95 92.0 0.0 202.2





#45

1,2-Dichloropropane

Concen: 49.199 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

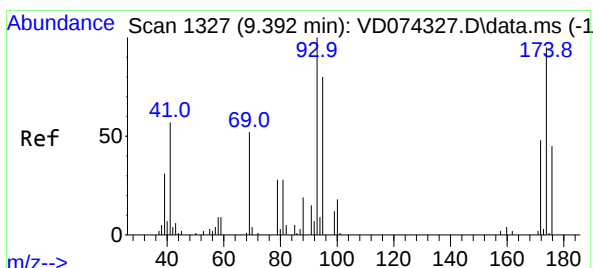
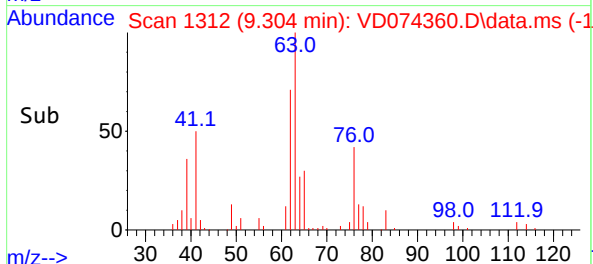
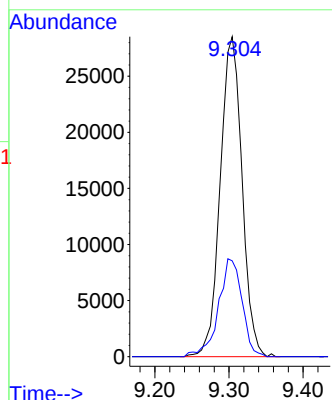
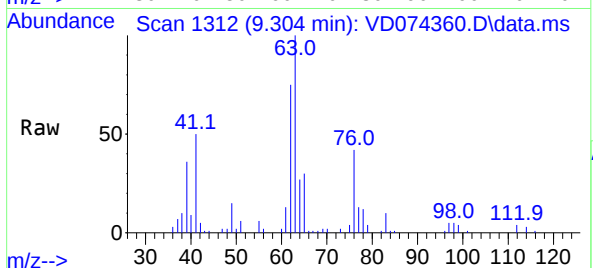
VSTDCCC050

Tgt Ion: 63 Resp: 58328

Ion Ratio Lower Upper

63 100

65 29.9 24.5 36.7



#46

Dibromomethane

Concen: 48.556 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.005 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

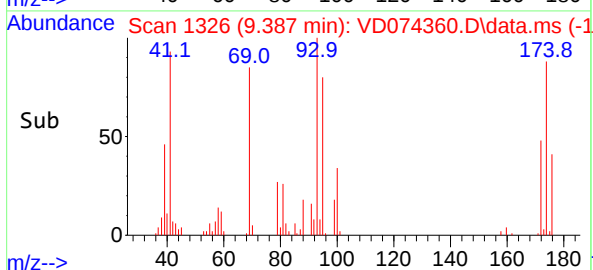
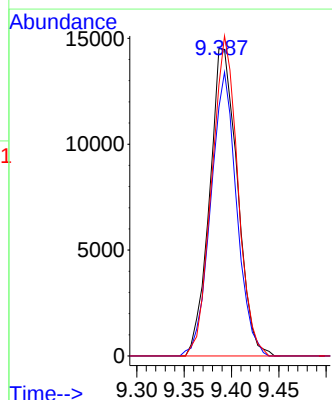
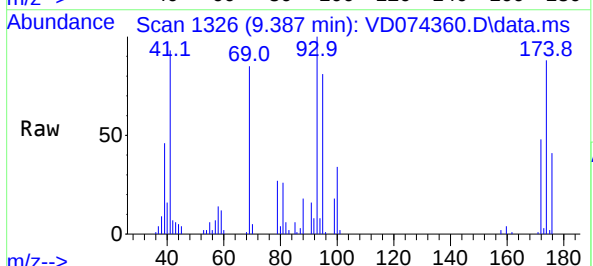
Tgt Ion: 93 Resp: 29610

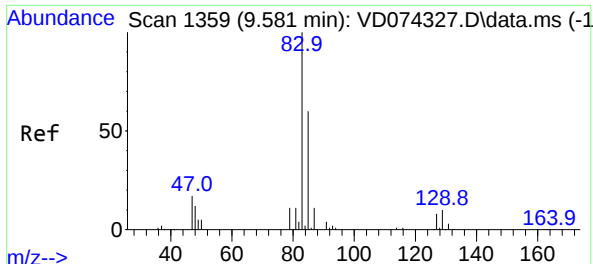
Ion Ratio Lower Upper

93 100

95 86.0 67.7 101.5

174 97.5 79.6 119.4

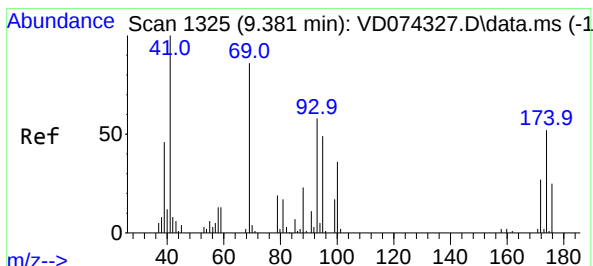
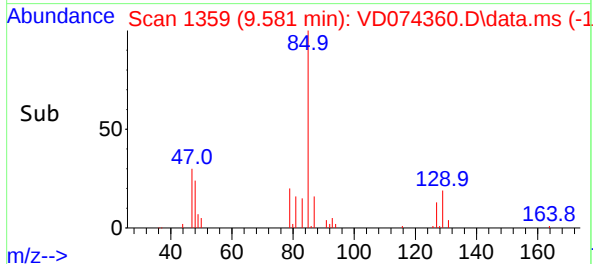
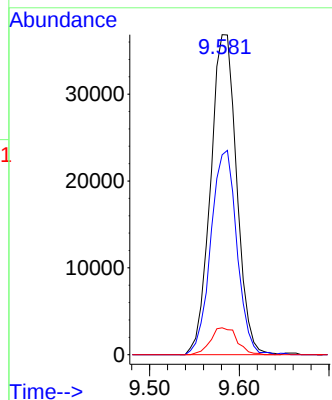
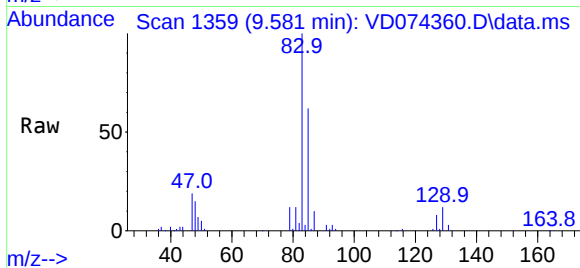




#47
Bromodichloromethane
Concen: 49.437 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

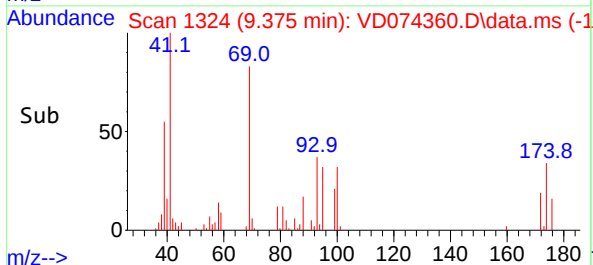
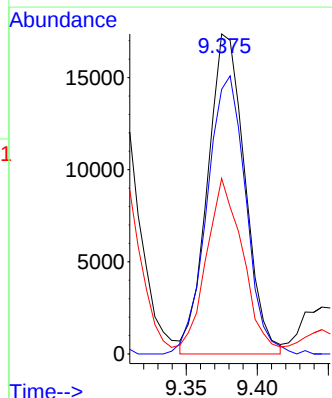
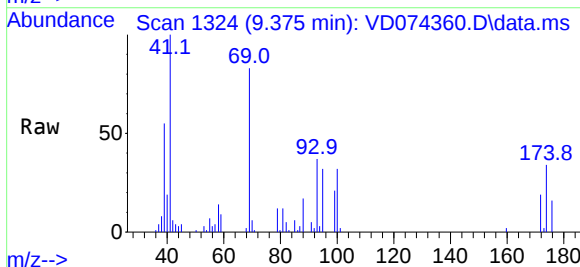
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

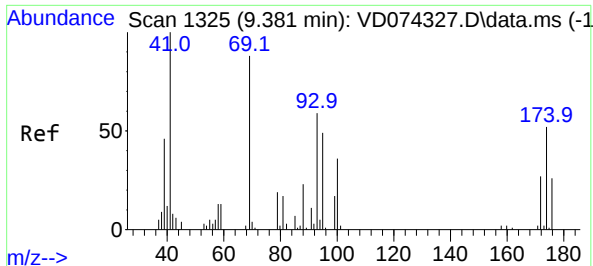
Tgt Ion: 83 Resp: 74255
Ion Ratio Lower Upper
83 100
85 62.5 53.4 80.2
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 52.782 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 41 Resp: 31740
Ion Ratio Lower Upper
41 100
69 90.4 72.7 109.1
39 52.8 41.6 62.4

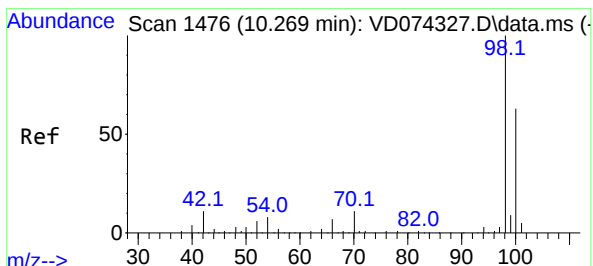
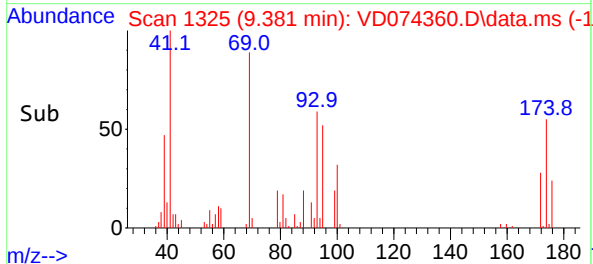
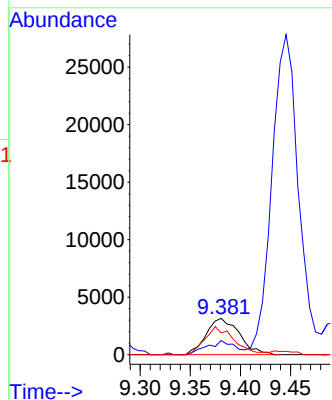
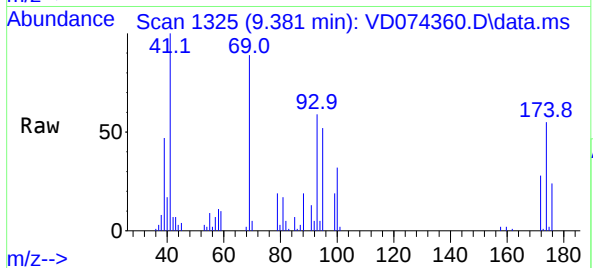




#49
1,4-Dioxane
Concen: 1084.276 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

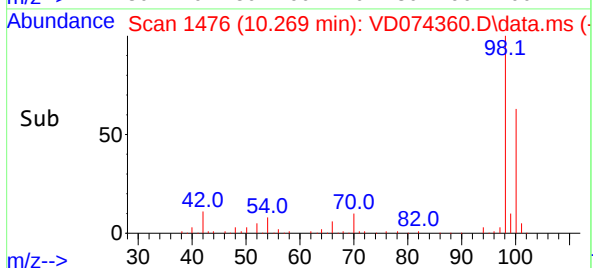
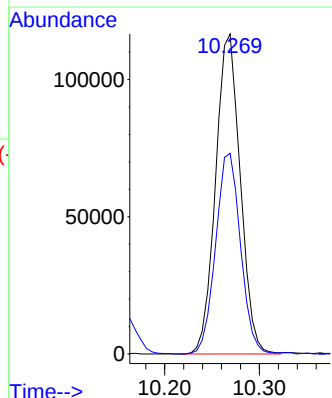
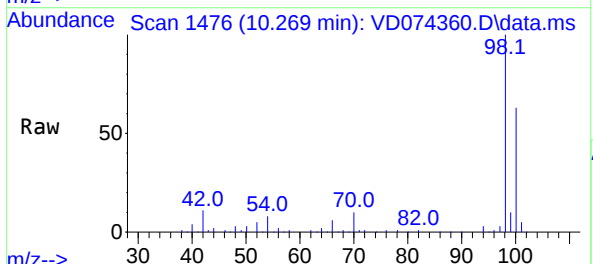
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

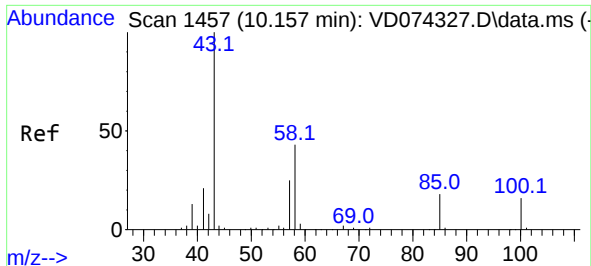
Tgt Ion: 88 Resp: 7236
Ion Ratio Lower Upper
88 100
43 32.9 27.0 40.4
58 69.0 54.2 81.2



#50
Toluene-d8
Concen: 55.609 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 98 Resp: 211330
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8

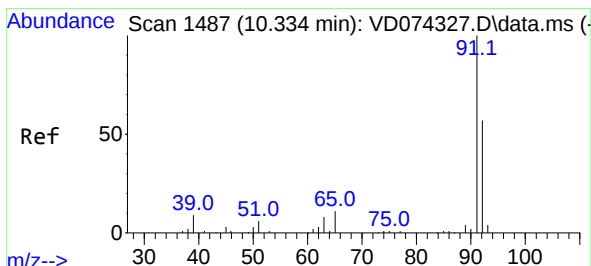
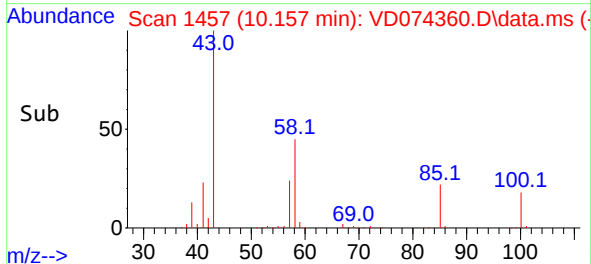
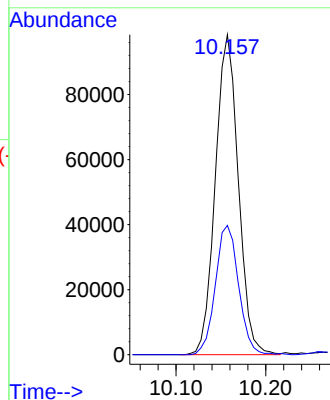
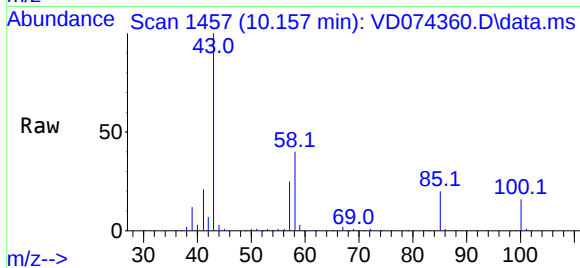




#51
4-Methyl-2-Pentanone
Concen: 268.117 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

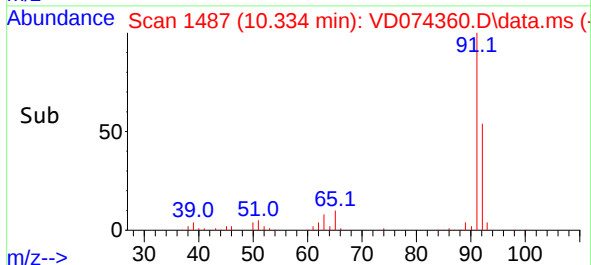
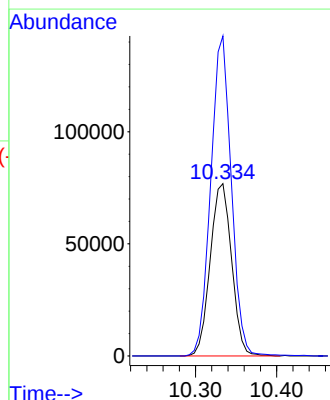
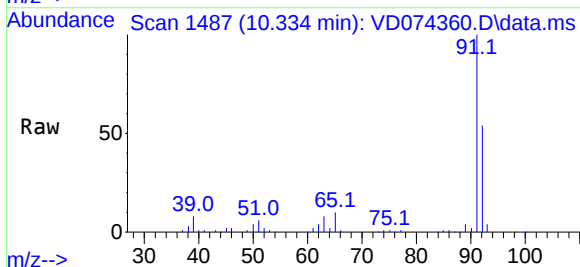
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

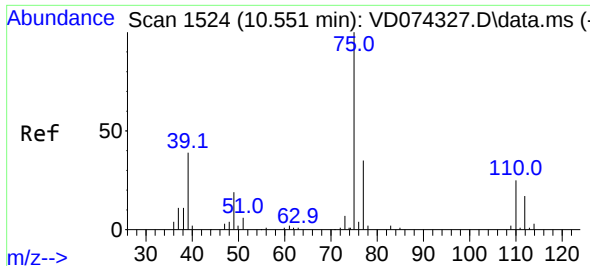
Tgt Ion: 43 Resp: 175045
Ion Ratio Lower Upper
43 100
58 40.8 33.3 49.9



#52
Toluene
Concen: 48.412 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 92 Resp: 140572
Ion Ratio Lower Upper
92 100
91 178.7 139.3 208.9

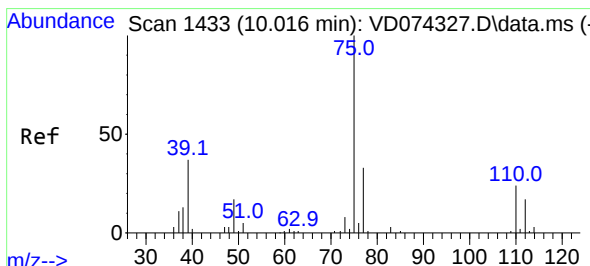
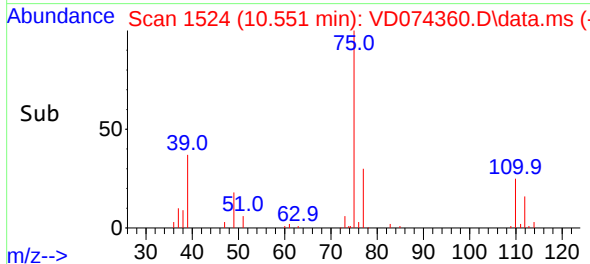
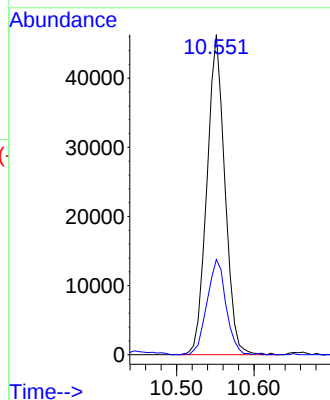
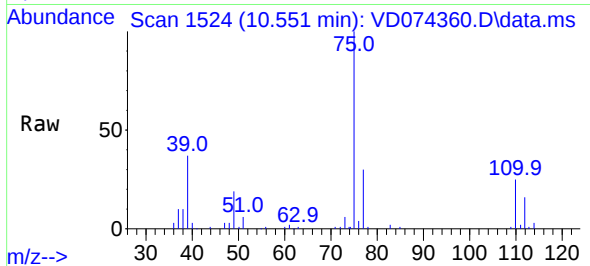




#53
t-1,3-Dichloropropene
Concen: 55.578 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

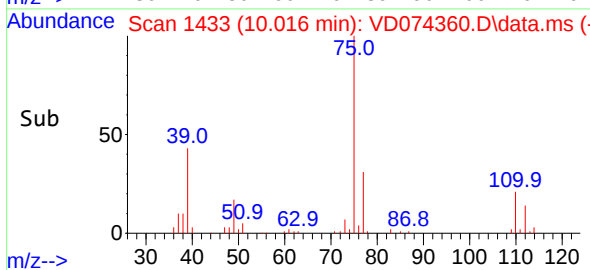
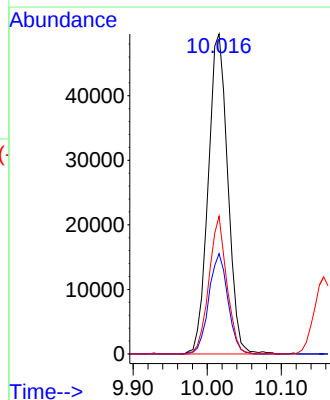
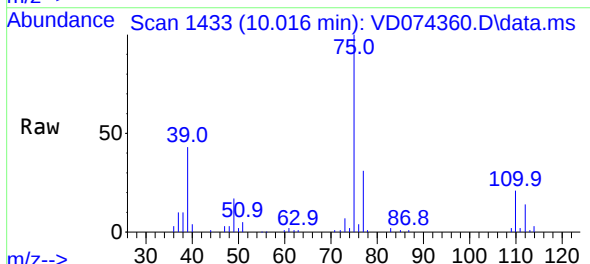
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

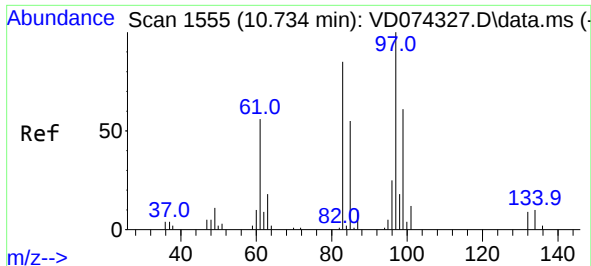
Tgt Ion: 75 Resp: 74479
Ion Ratio Lower Upper
75 100
77 29.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 52.410 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 75 Resp: 90867
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 43.0 31.6 47.4



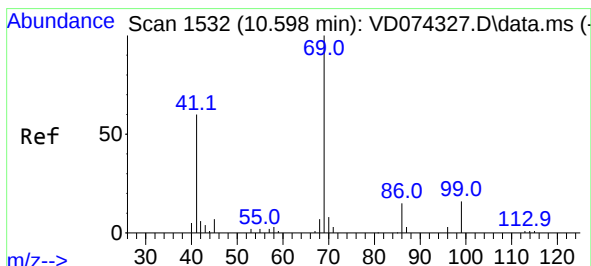
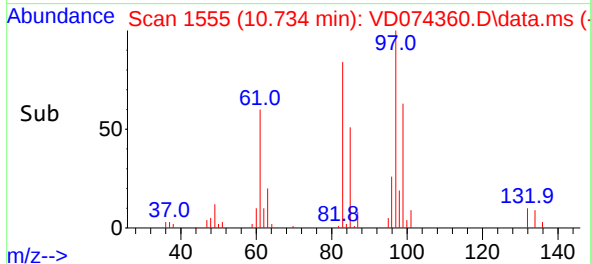
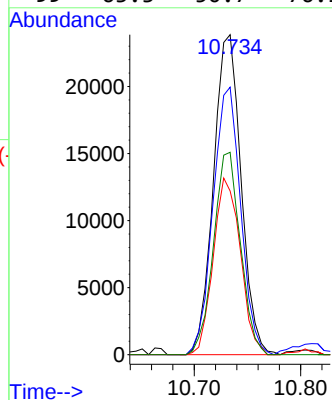
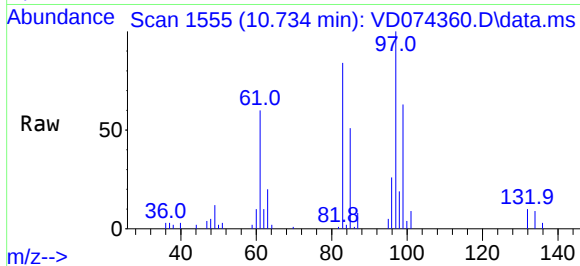


#55
1,1,2-Trichloroethane
Concen: 53.435 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 42923

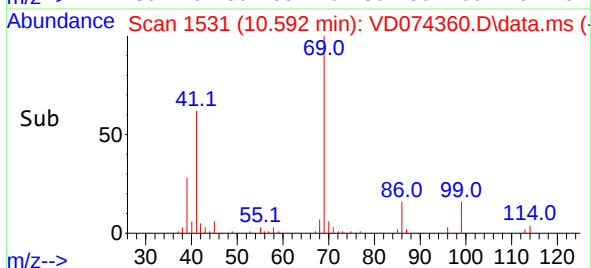
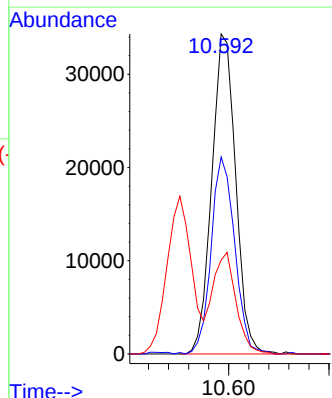
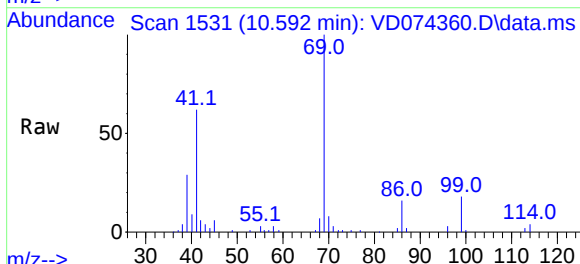
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	51.1	45.8	68.8
99	63.3	50.7	76.1

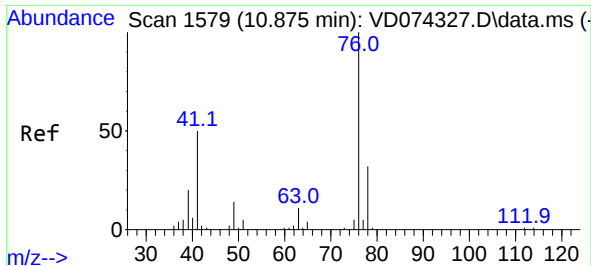


#56
Ethyl methacrylate
Concen: 54.006 ug/l
RT: 10.592 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 69 Resp: 56828

Ion	Ratio	Lower	Upper
69	100		
41	60.8	49.4	74.2
39	31.0	24.2	36.4





#57

1,3-Dichloropropane

Concen: 51.011 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

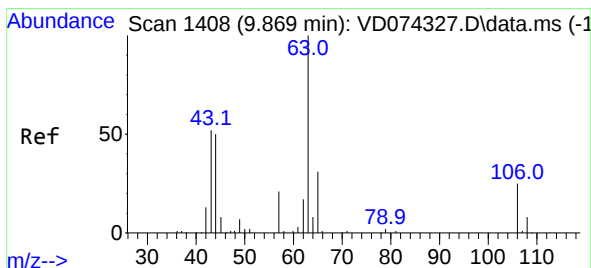
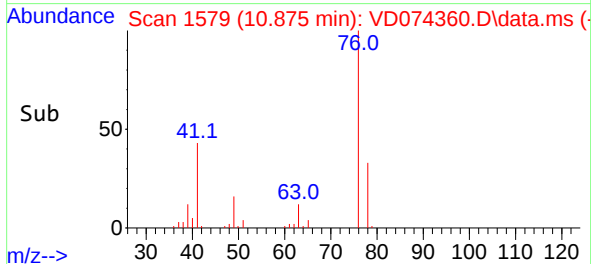
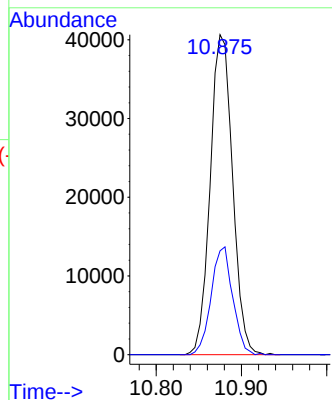
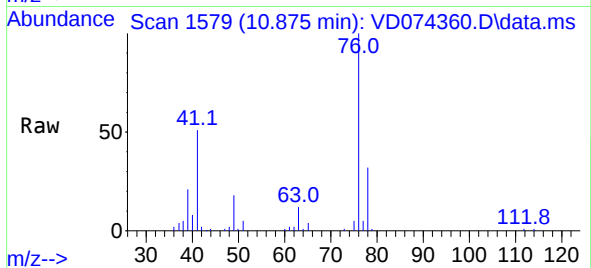
VSTDCCC050

Tgt Ion: 76 Resp: 74058

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 157.990 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074360.D

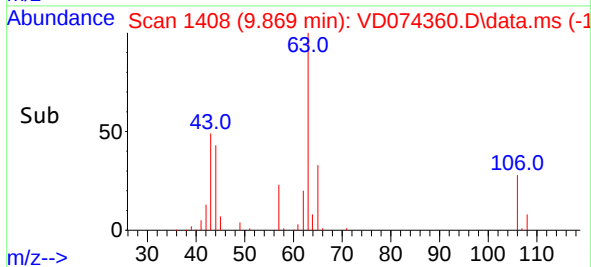
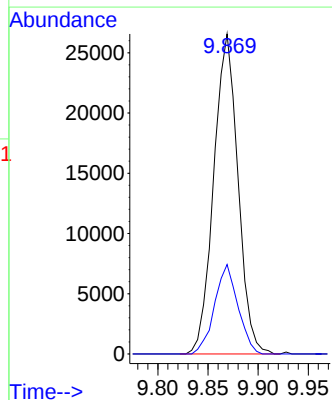
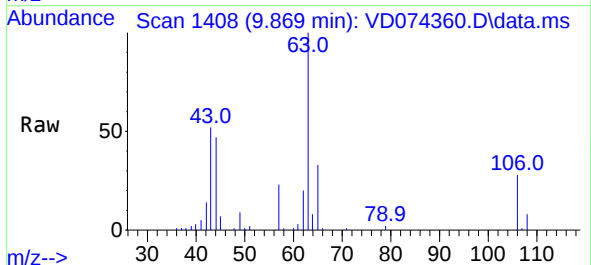
Acq: 20 Sep 2022 10:53

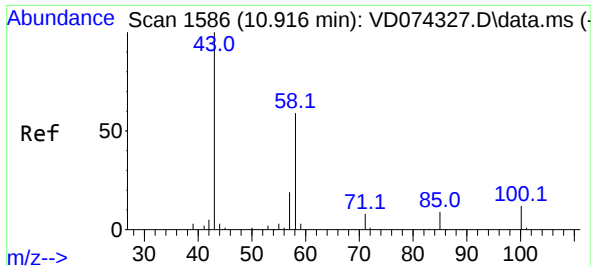
Tgt Ion: 63 Resp: 44562

Ion Ratio Lower Upper

63 100

106 27.0 21.9 32.9

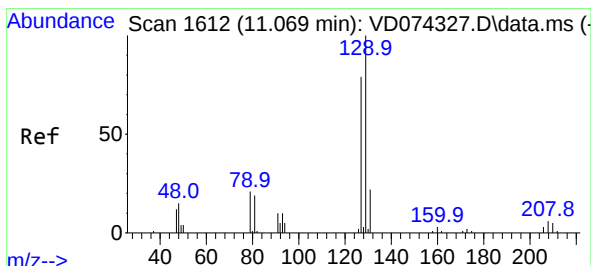
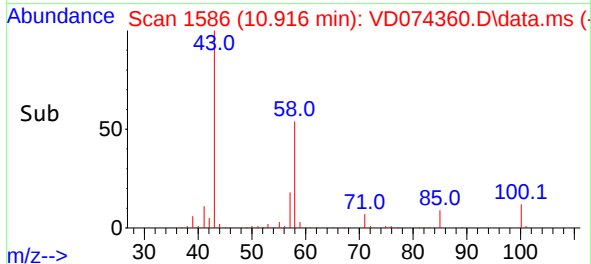
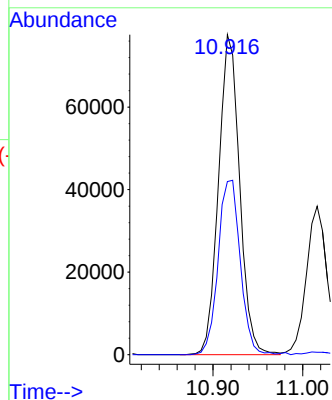
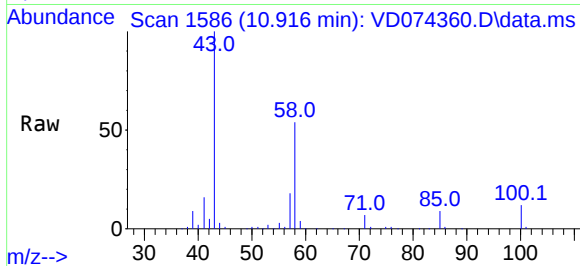




#59
2-Hexanone
Concen: 277.342 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

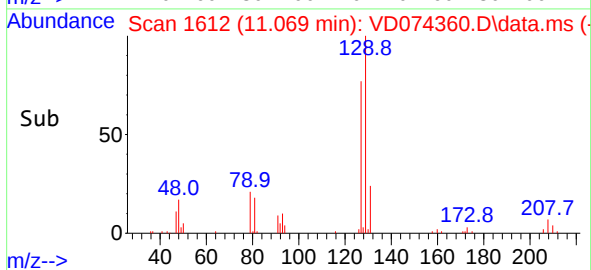
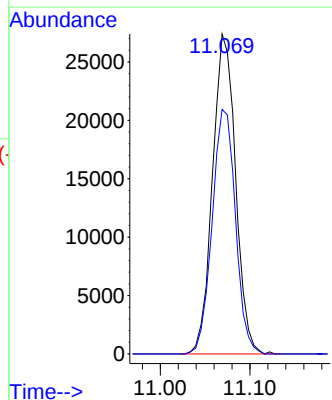
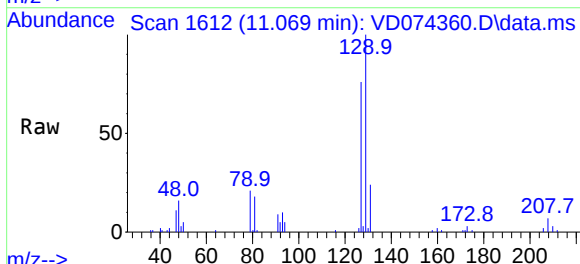
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

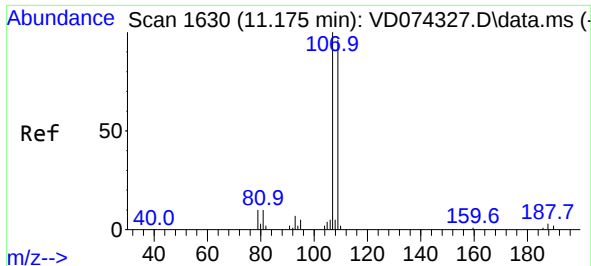
Tgt Ion: 43 Resp: 126651
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.8



#60
Dibromochloromethane
Concen: 50.772 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 129 Resp: 48839
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

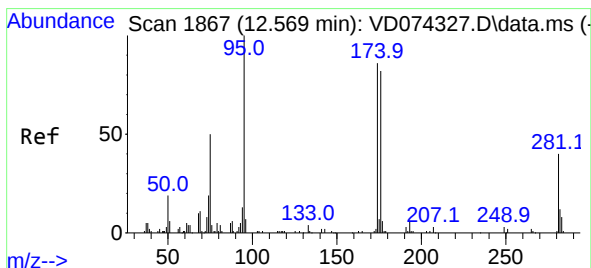
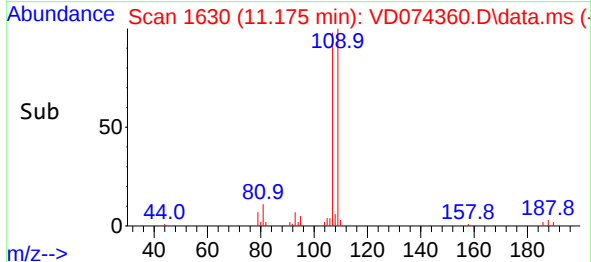
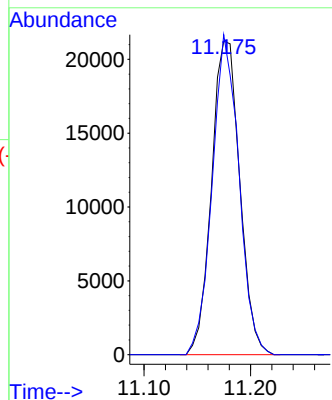
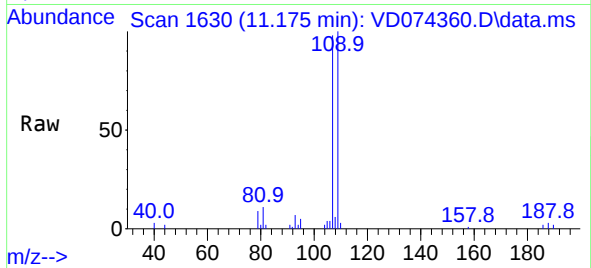




#61
1,2-Dibromoethane
Concen: 50.605 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

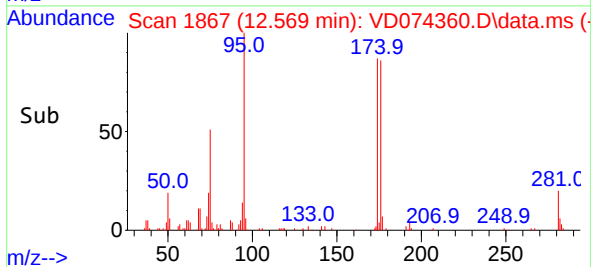
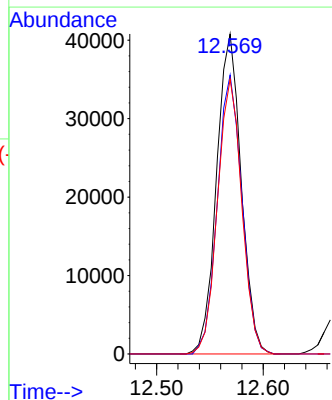
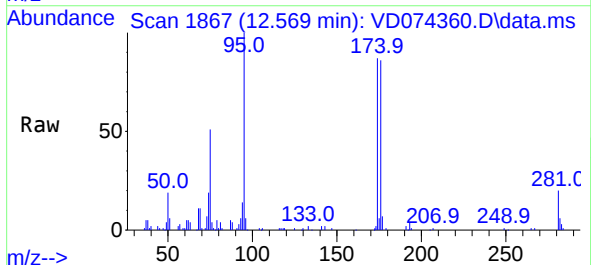
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

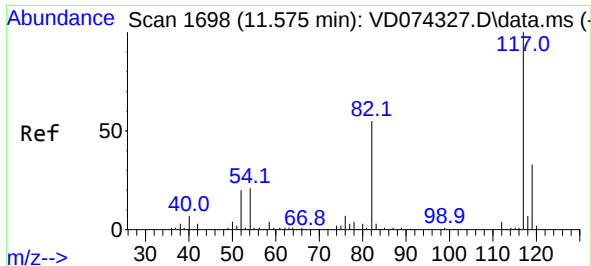
Tgt Ion:107 Resp: 39038
Ion Ratio Lower Upper
107 100
109 96.6 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 50.833 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 95 Resp: 65346
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.2
176 84.7 0.0 171.4

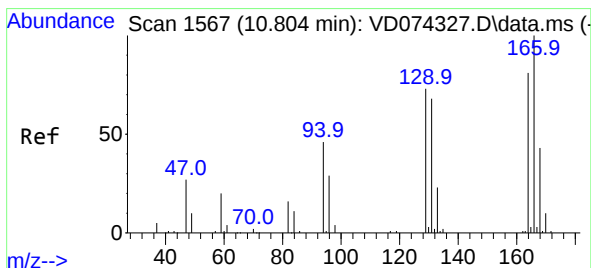
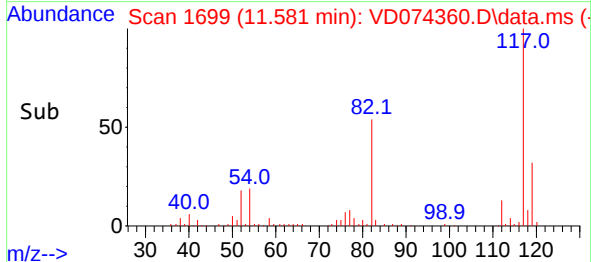
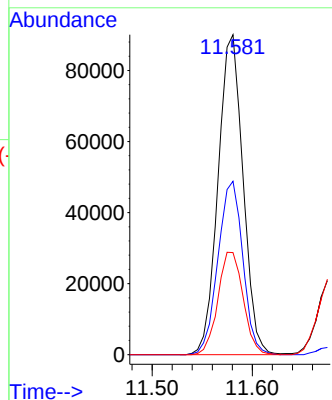
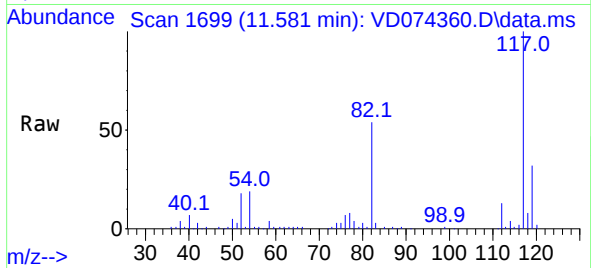




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

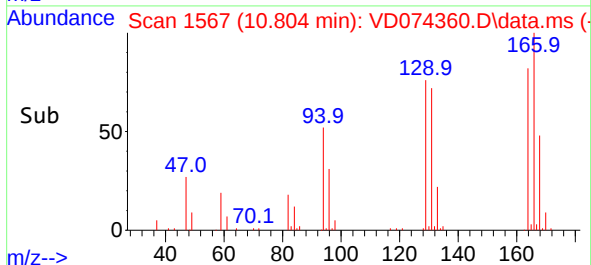
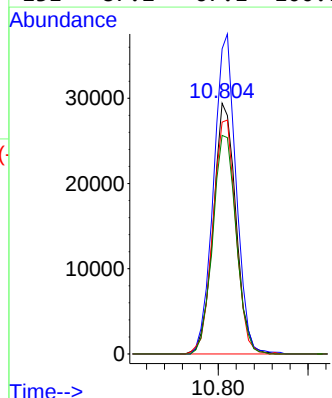
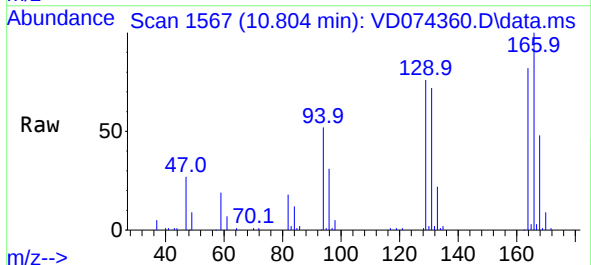
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

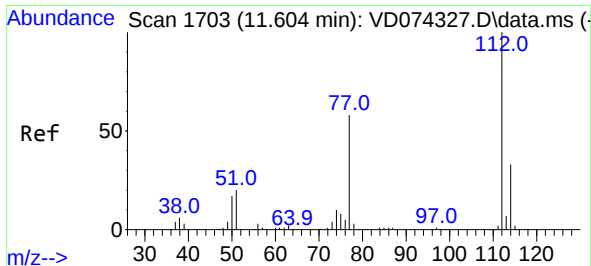
Tgt Ion:117 Resp: 155645
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 48.690 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:164 Resp: 51369
Ion Ratio Lower Upper
164 100
166 121.7 93.8 140.8
129 92.5 68.3 102.5
131 87.2 67.1 100.7

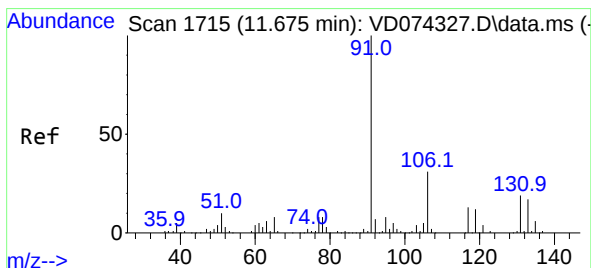
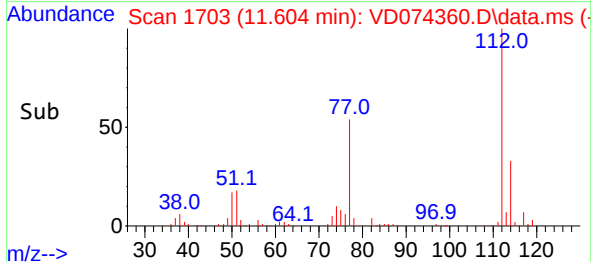
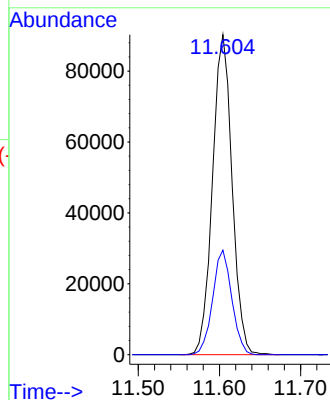
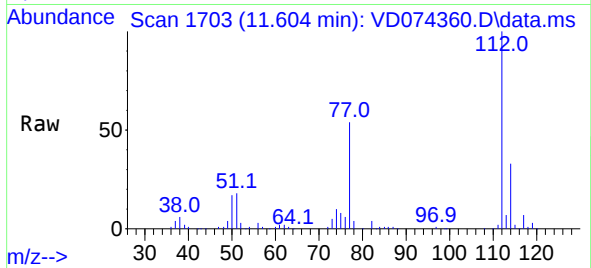




#65
Chlorobenzene
Concen: 47.145 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

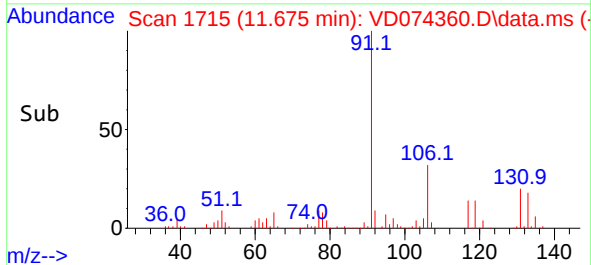
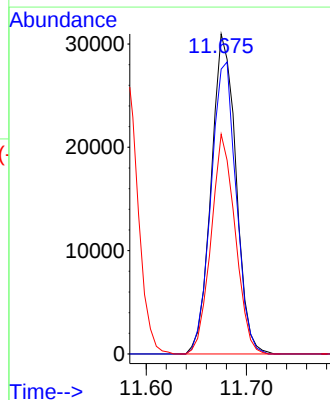
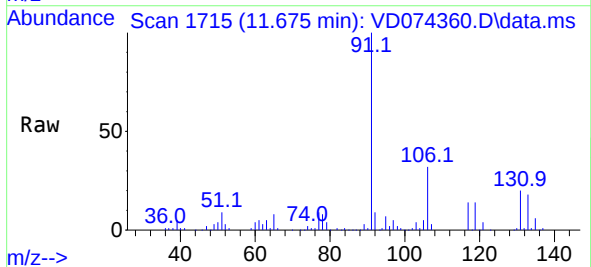
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

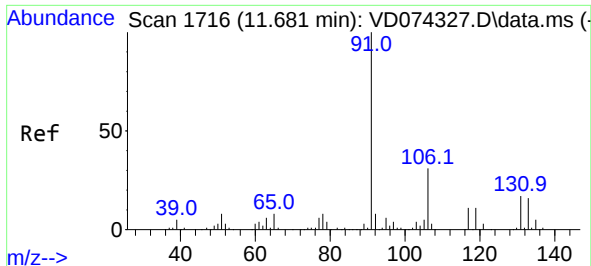
Tgt Ion:112 Resp: 151169
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.105 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:131 Resp: 52970
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.4
119 67.0 33.1 99.5

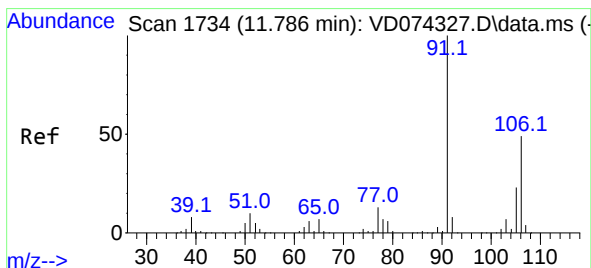
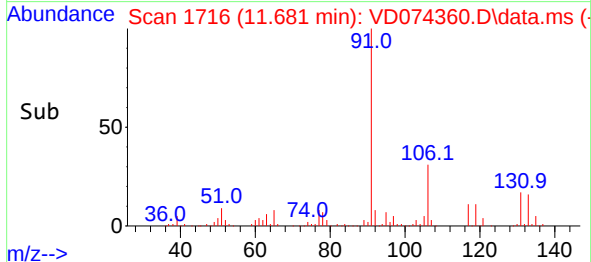
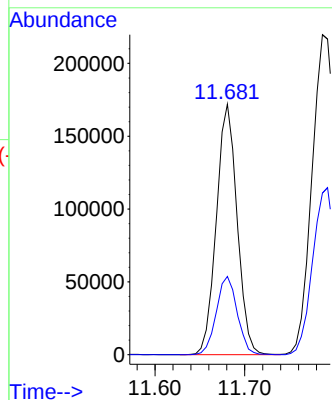
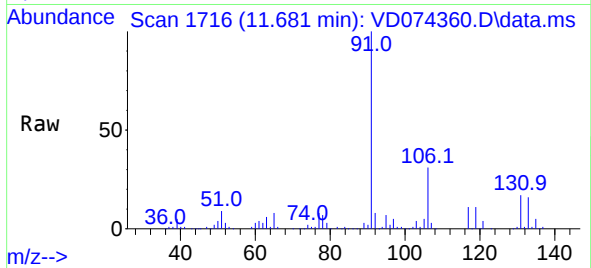




#67
Ethyl Benzene
Concen: 46.894 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

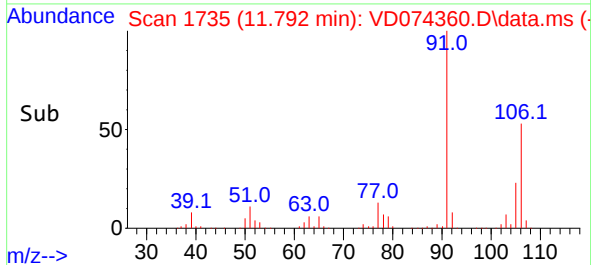
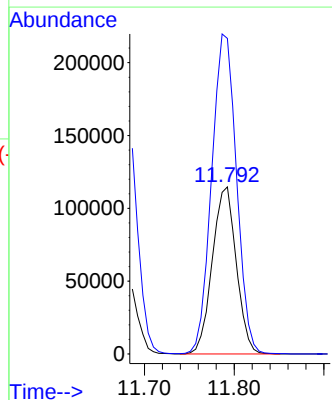
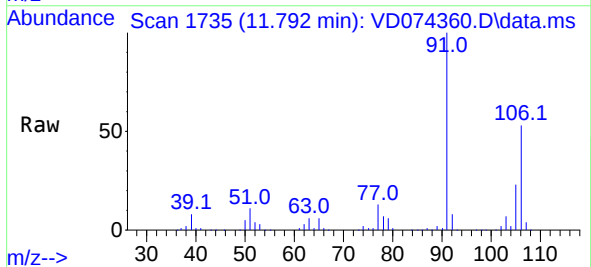
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

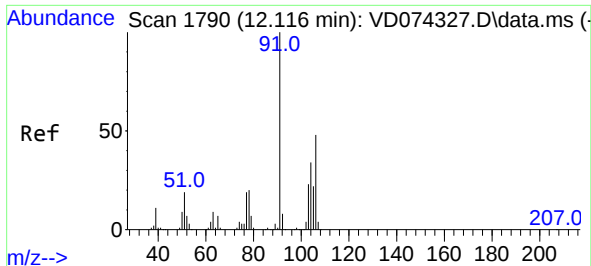
Tgt Ion: 91 Resp: 275858
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 94.339 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:106 Resp: 212580
Ion Ratio Lower Upper
106 100
91 198.8 158.6 237.8

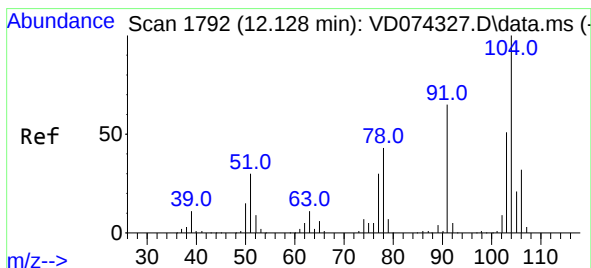
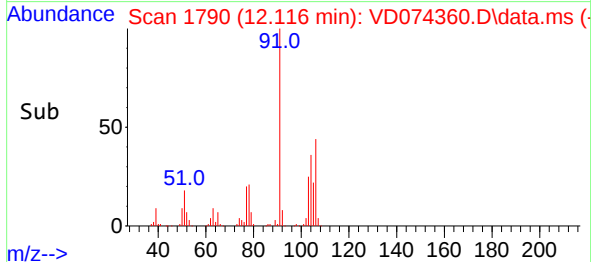
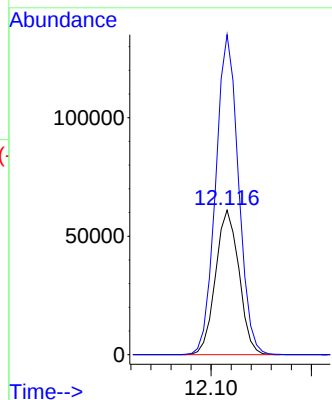
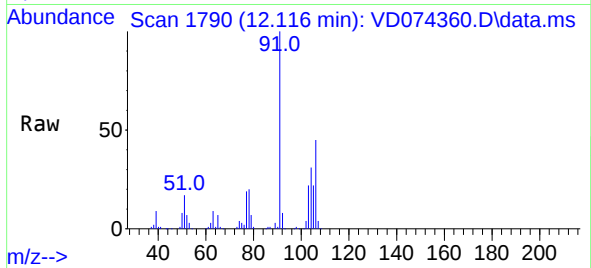




#69
o-Xylene
Concen: 48.095 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

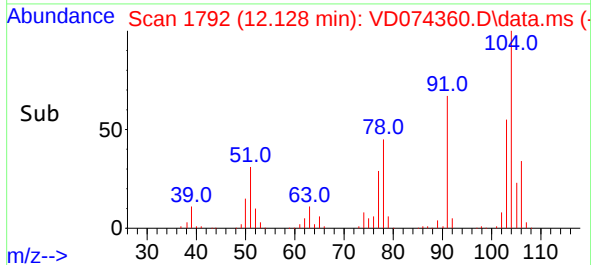
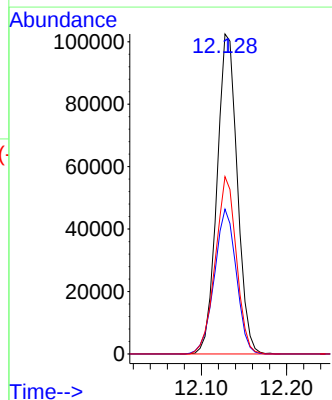
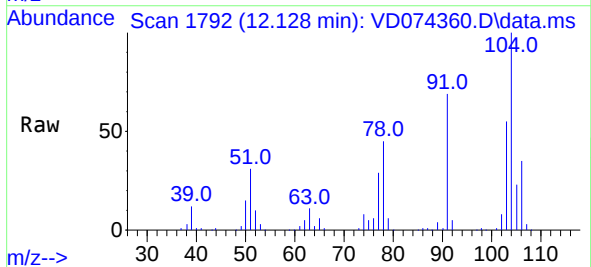
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

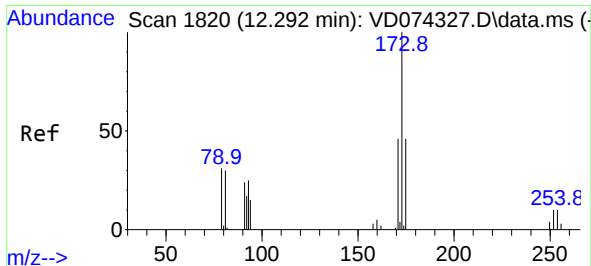
Tgt Ion:106 Resp: 99041
Ion Ratio Lower Upper
106 100
91 215.4 104.0 312.0



#70
Styrene
Concen: 48.476 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:104 Resp: 170015
Ion Ratio Lower Upper
104 100
78 48.7 38.4 57.6
103 57.3 44.1 66.1

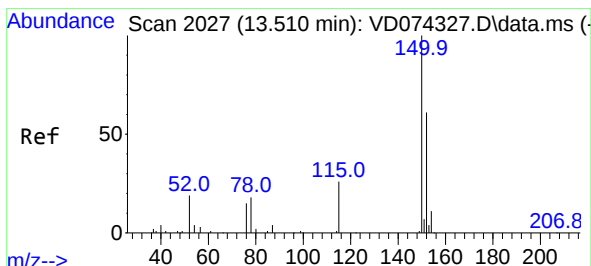
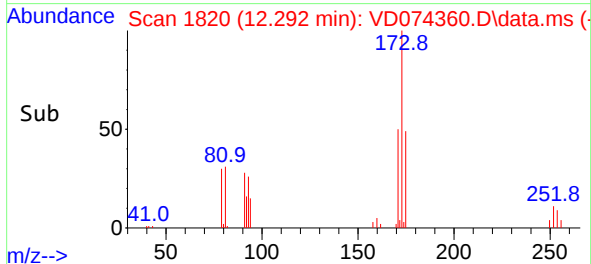
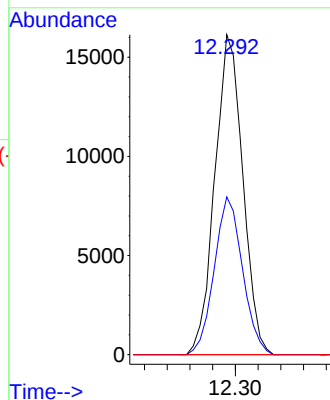
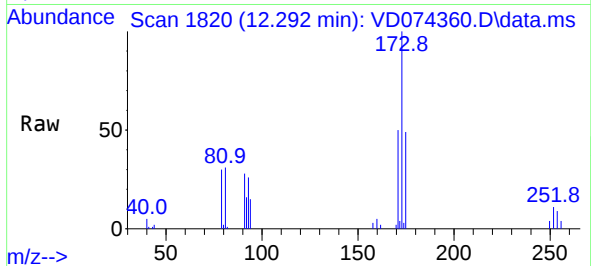




#71
Bromoform
Concen: 46.698 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

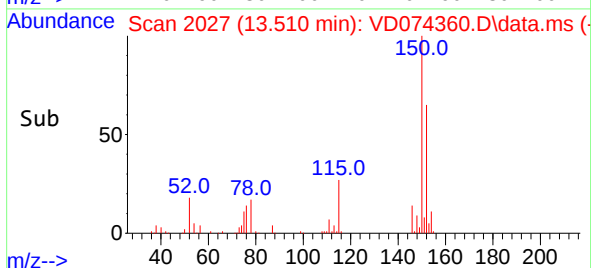
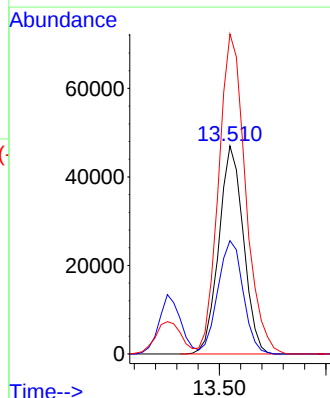
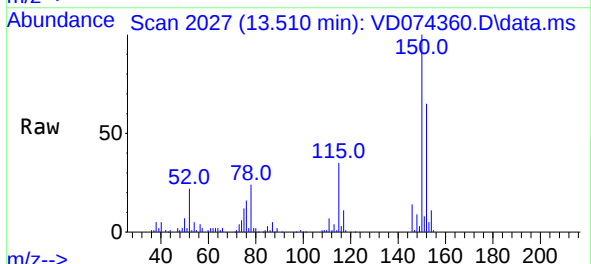
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

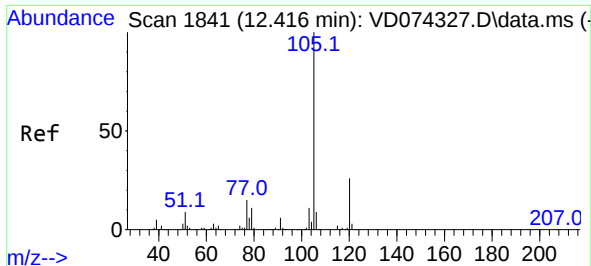
Tgt Ion:173 Resp: 27593
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:152 Resp: 75077
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 168.6 0.0 351.0

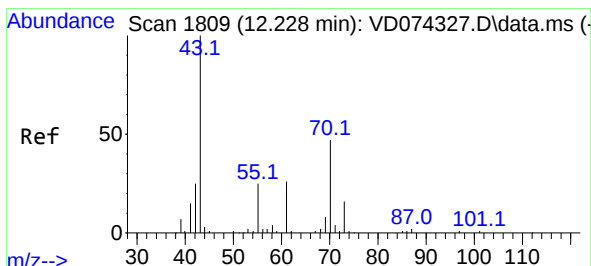
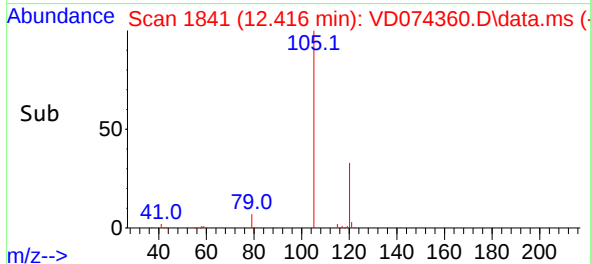
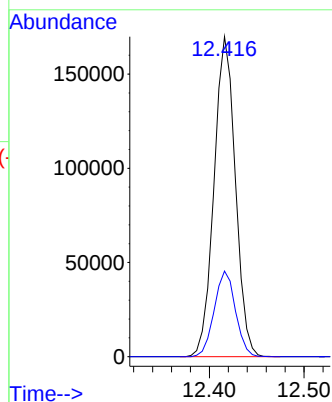
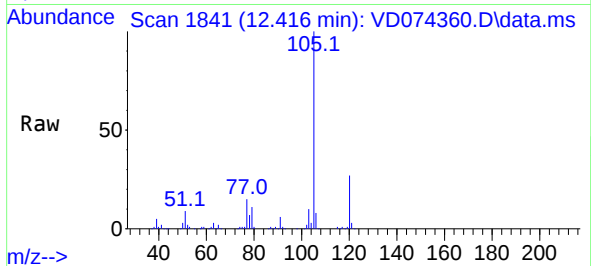




#73
Isopropylbenzene
Concen: 46.048 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

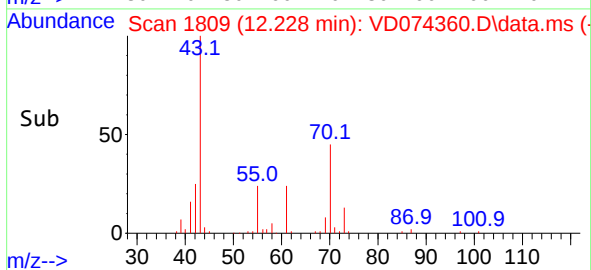
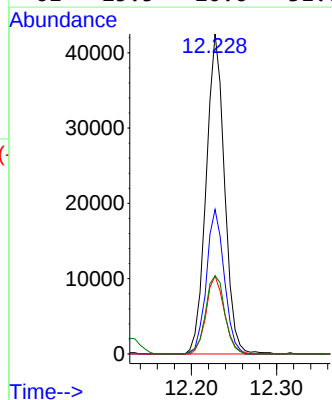
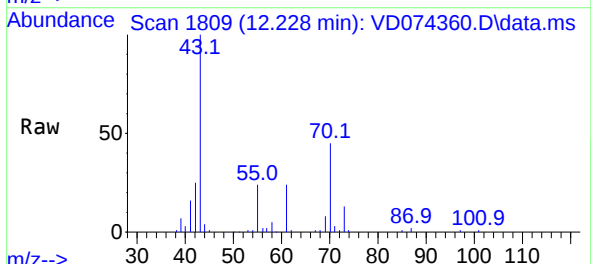
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

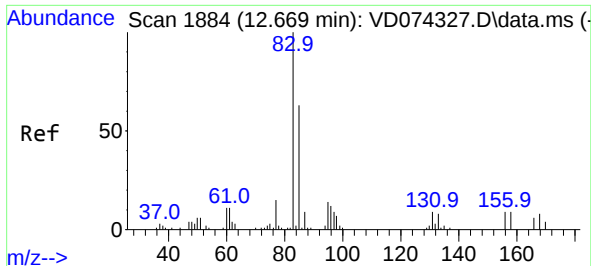
Tgt Ion:105 Resp: 265891
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 49.790 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 43 Resp: 63537
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 24.3 18.2 27.2
61 25.5 20.6 31.0

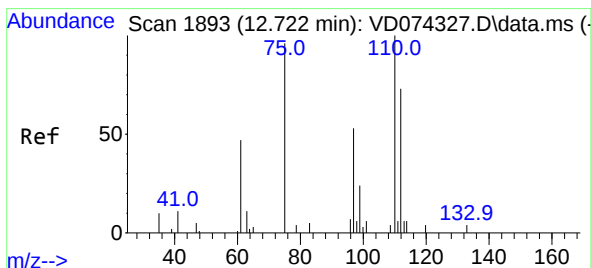
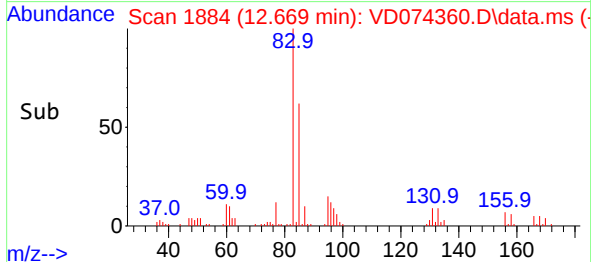
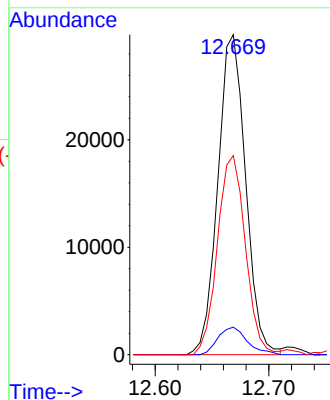
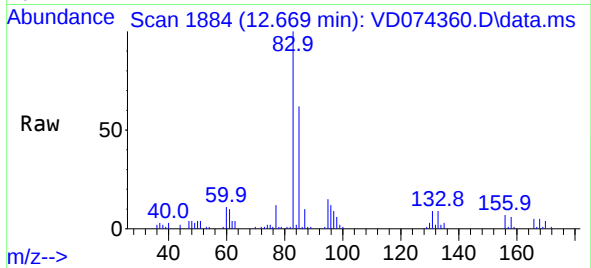




#75
1,1,2,2-Tetrachloroethane
Concen: 50.437 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

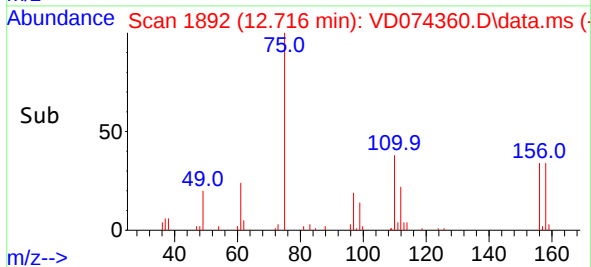
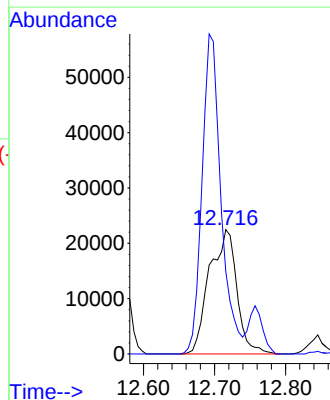
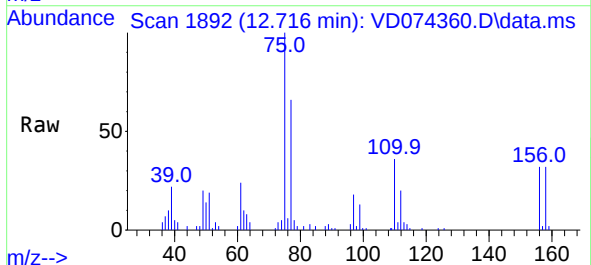
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

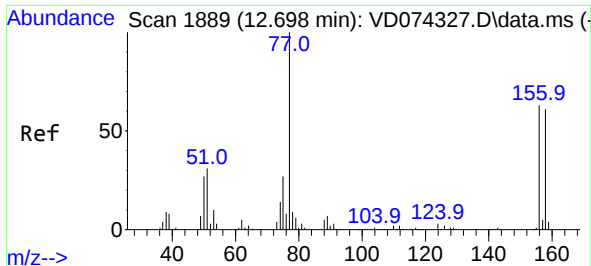
Tgt Ion: 83 Resp: 50602
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 62.5 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 86.635 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 75 Resp: 60179
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

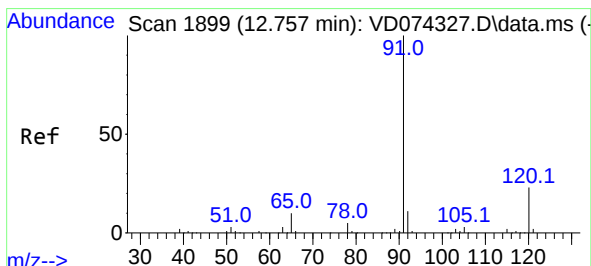
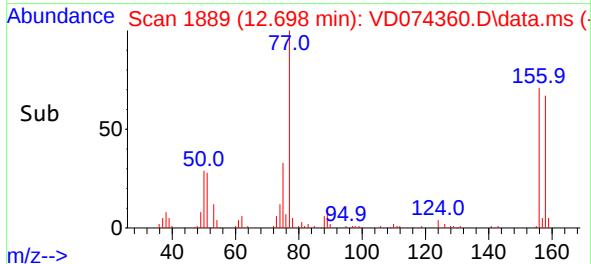
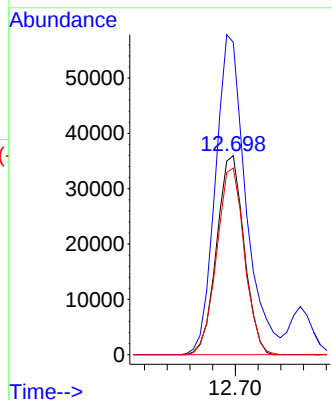
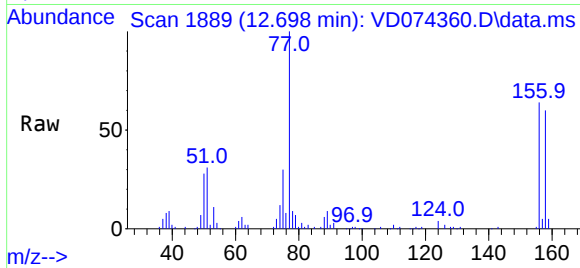




#77
Bromobenzene
Concen: 47.786 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

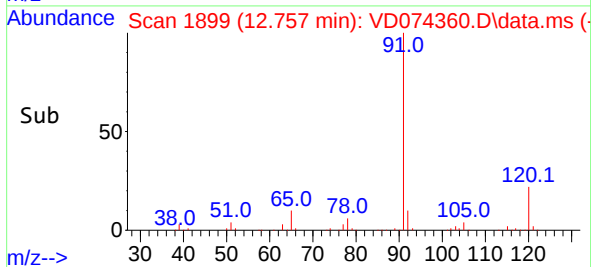
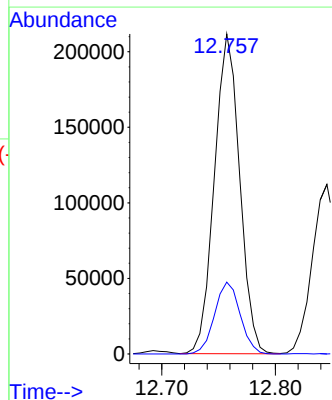
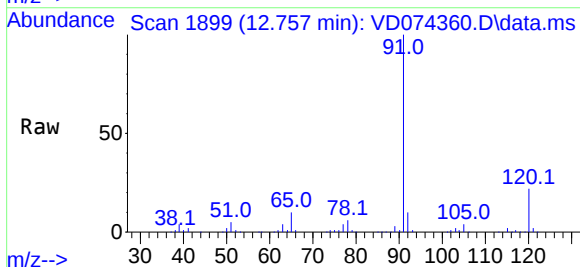
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

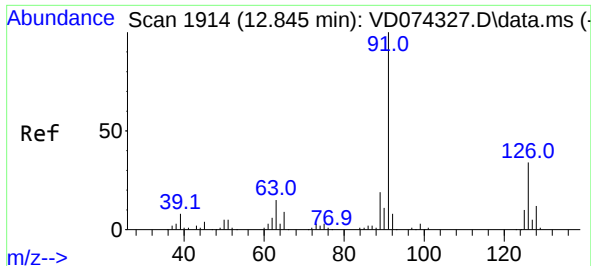
Tgt Ion:156 Resp: 60295
Ion Ratio Lower Upper
156 100
77 178.4 91.1 273.3
158 94.8 49.4 148.2



#78
n-propylbenzene
Concen: 45.658 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 91 Resp: 327044
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#79

2-Chlorotoluene

Concen: 47.254 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

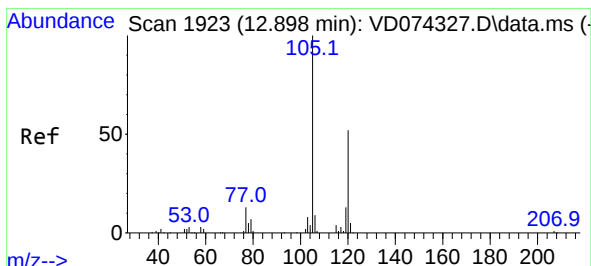
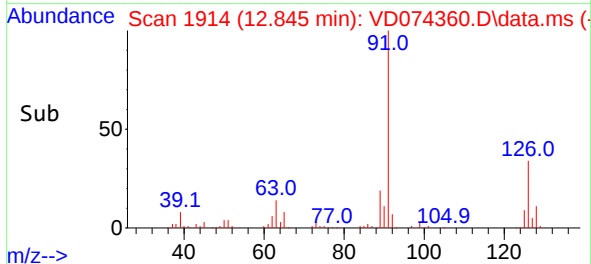
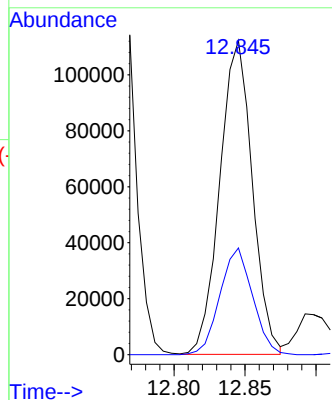
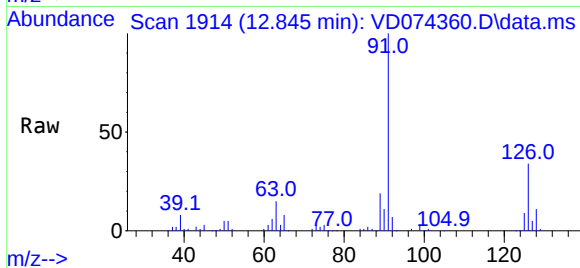
VSTDCCC050

Tgt Ion: 91 Resp: 178502

Ion Ratio Lower Upper

91 100

126 34.1 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 45.523 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD074360.D

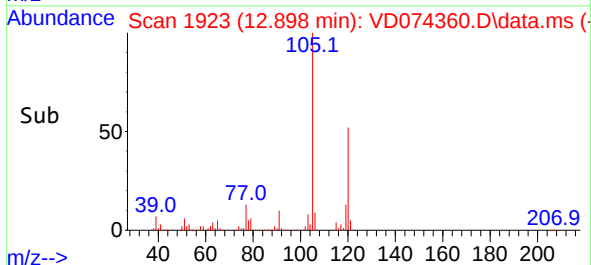
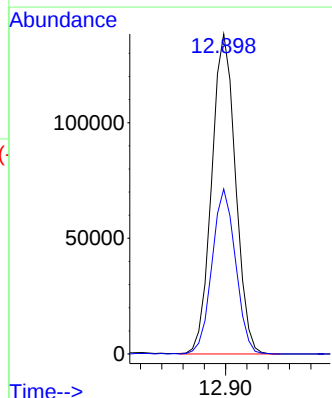
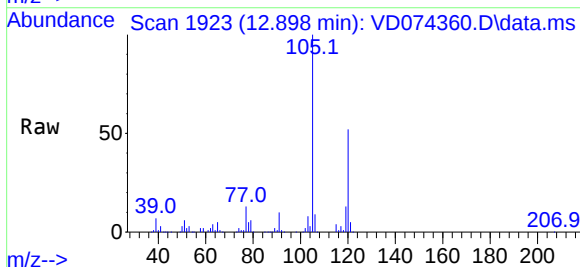
Acq: 20 Sep 2022 10:53

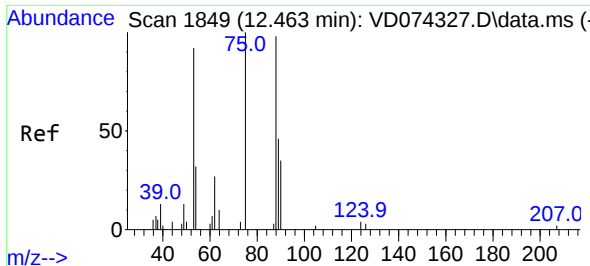
Tgt Ion: 105 Resp: 214939

Ion Ratio Lower Upper

105 100

120 50.9 24.6 74.0

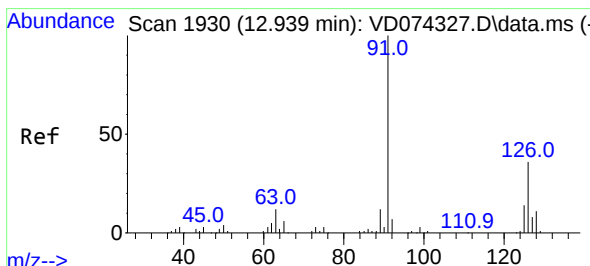
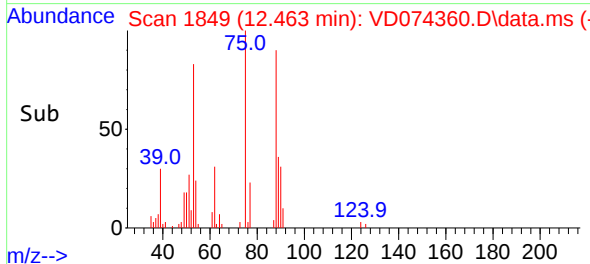
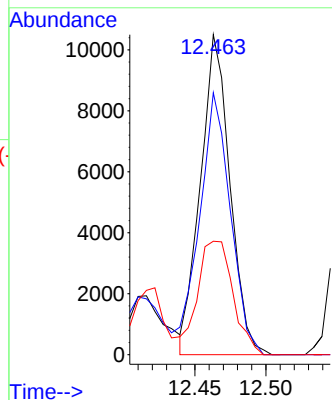
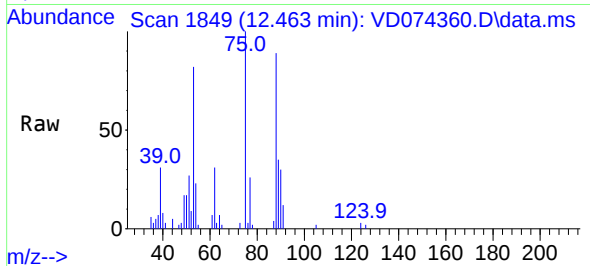




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.640 ug/l
 RT: 12.463 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

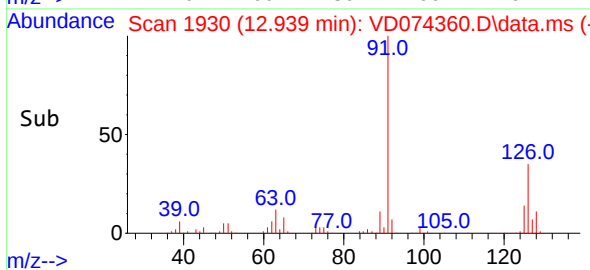
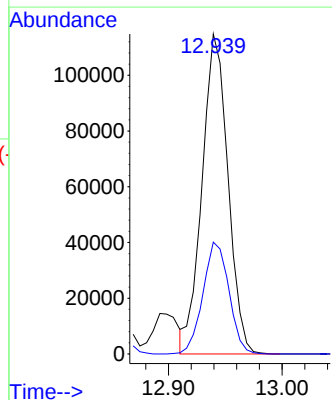
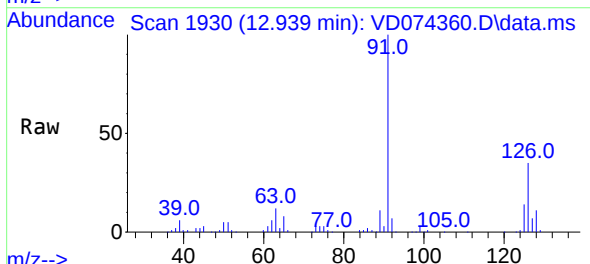
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

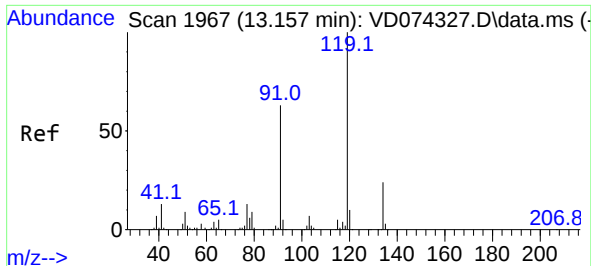
Tgt Ion: 75 Resp: 15144
 Ion Ratio Lower Upper
 75 100
 53 86.5 0.0 0.0#
 89 43.7 0.0 0.0#



#82
 4-Chlorotoluene
 Concen: 46.439 ug/l
 RT: 12.939 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

Tgt Ion: 91 Resp: 181918
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6

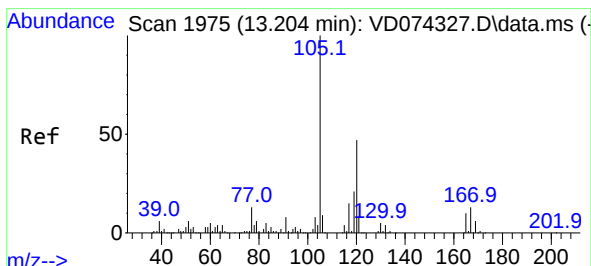
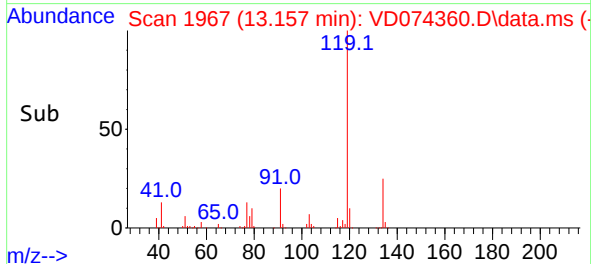
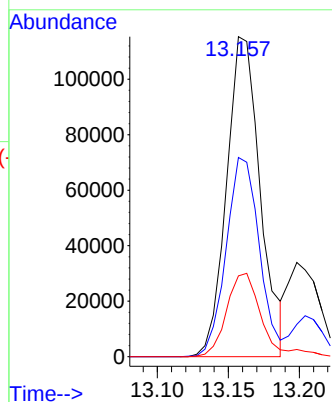
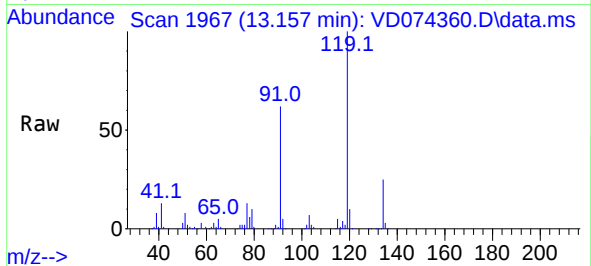




#83
tert-Butylbenzene
Concen: 45.523 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

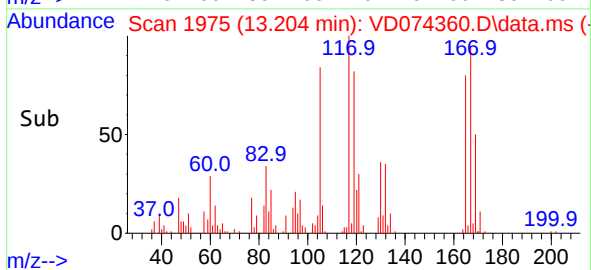
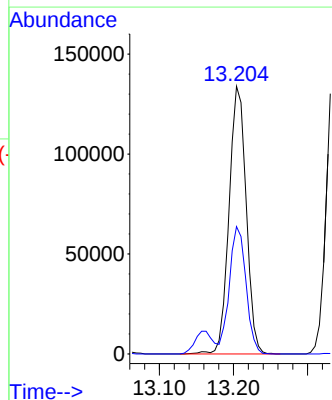
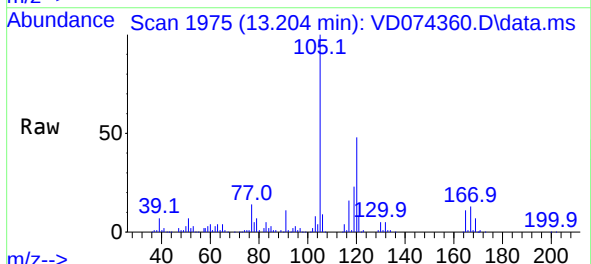
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

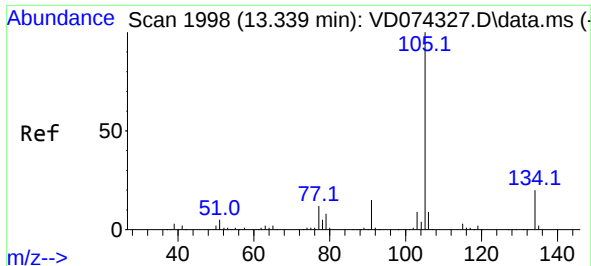
Tgt Ion:119 Resp: 190600
Ion Ratio Lower Upper
119 100
91 61.3 31.3 93.9
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 46.204 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:105 Resp: 214627
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3

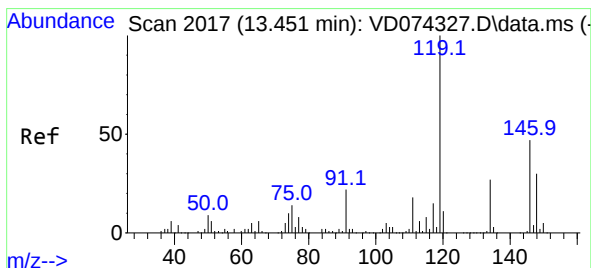
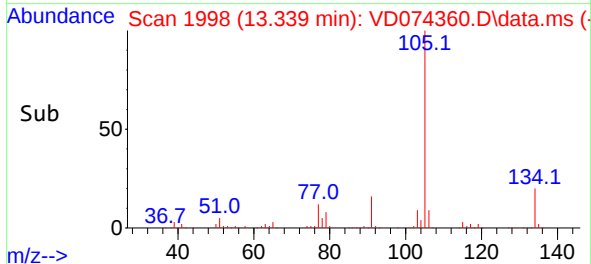
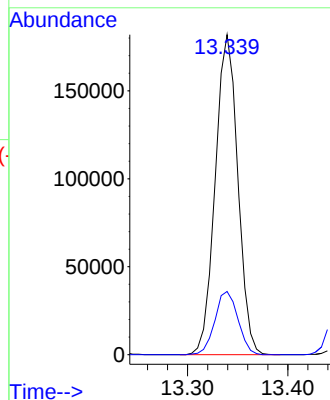
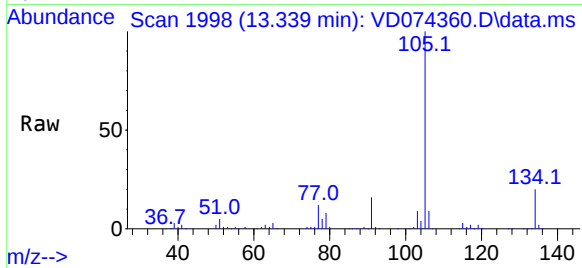




#85
 sec-Butylbenzene
 Concen: 45.749 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

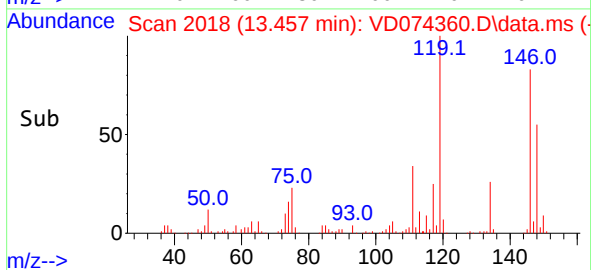
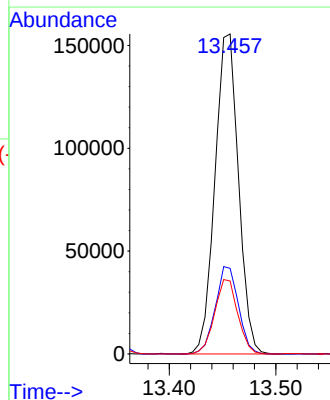
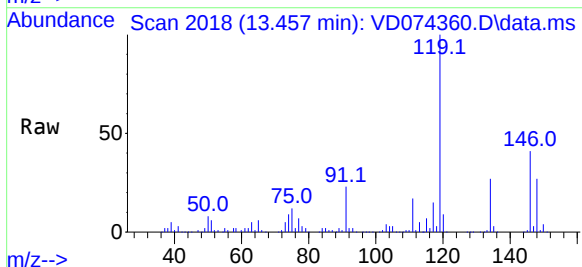
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

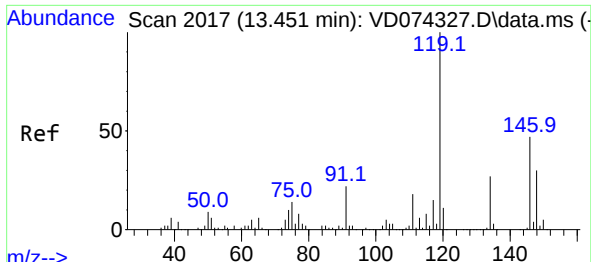
Tgt Ion:105 Resp: 284246
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 45.896 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD074360.D
 Acq: 20 Sep 2022 10:53

Tgt Ion:119 Resp: 238312
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.9 11.2 33.5

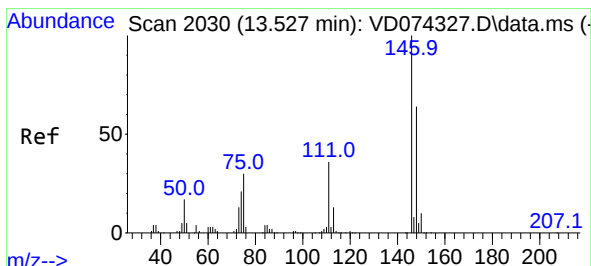
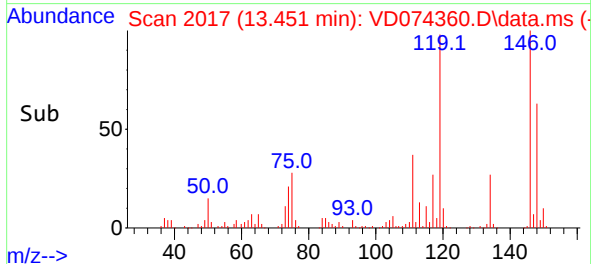
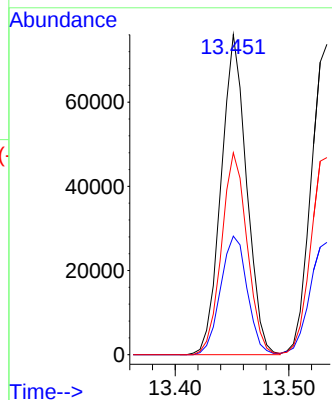
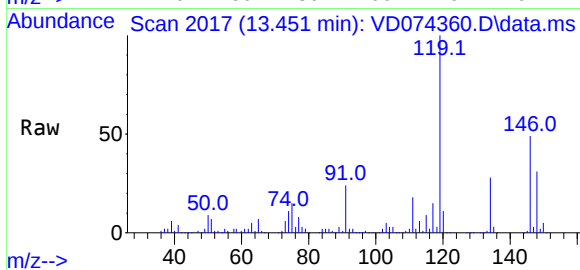




#87
1,3-Dichlorobenzene
Concen: 45.596 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

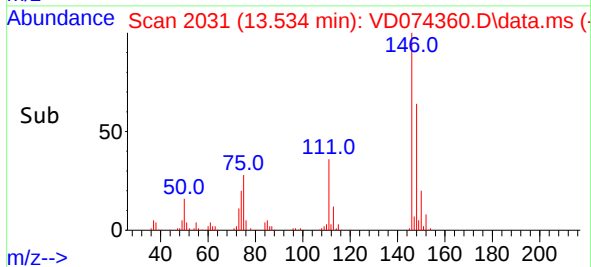
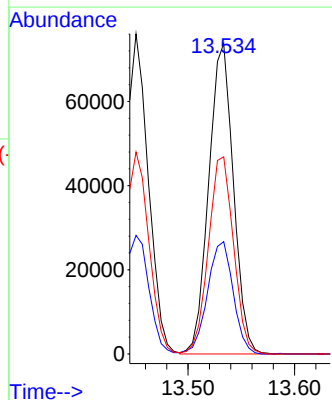
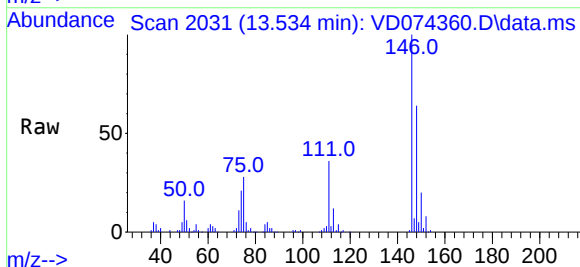
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

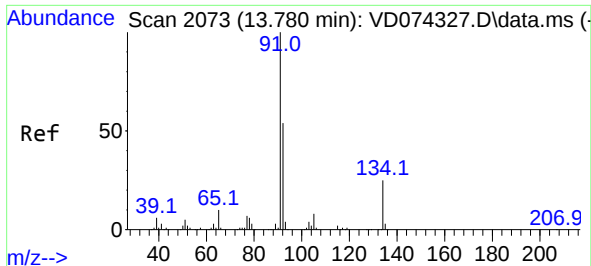
Tgt Ion:146 Resp: 118260
Ion Ratio Lower Upper
146 100
111 38.9 18.1 54.4
148 63.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 46.772 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.007 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:146 Resp: 118560
Ion Ratio Lower Upper
146 100
111 37.5 18.4 55.2
148 64.7 32.1 96.5

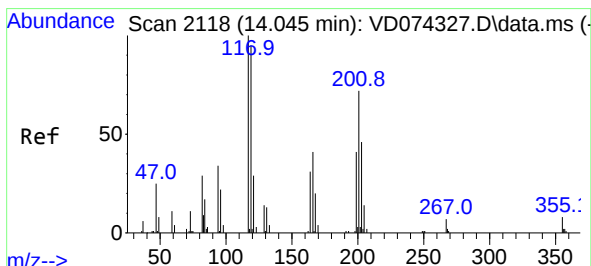
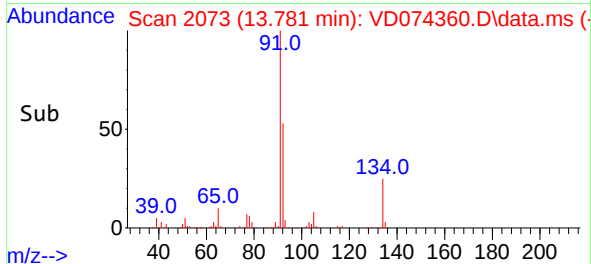
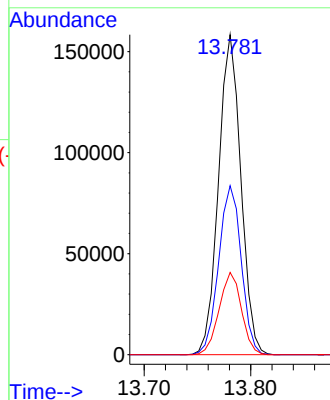
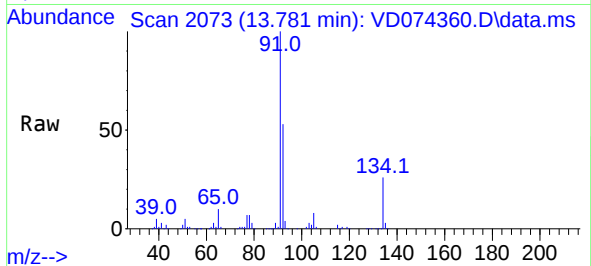




#89
n-Butylbenzene
Concen: 45.325 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.001 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

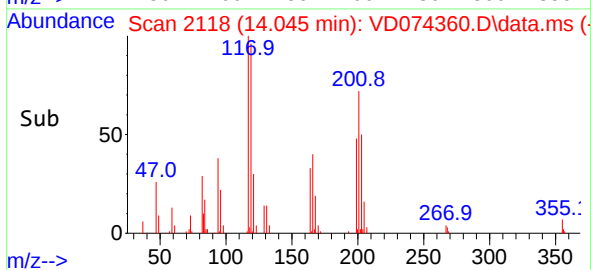
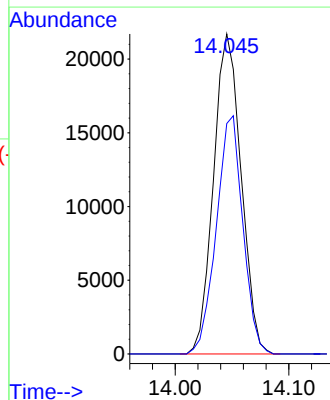
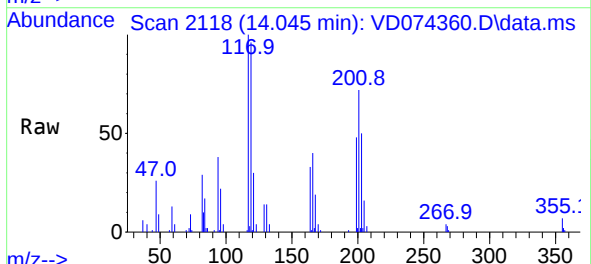
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

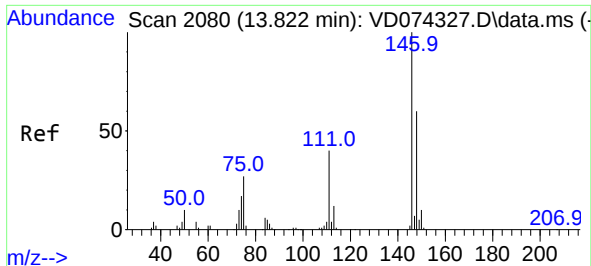
Tgt Ion: 91 Resp: 230511
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.7
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 37.395 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion: 117 Resp: 36647
Ion Ratio Lower Upper
117 100
201 71.6 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 47.321 ug/l

RT: 13.828 min Scan# 2080

Delta R.T. 0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

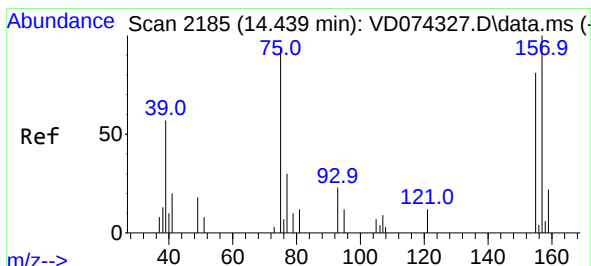
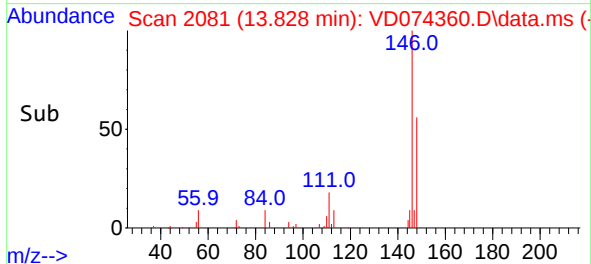
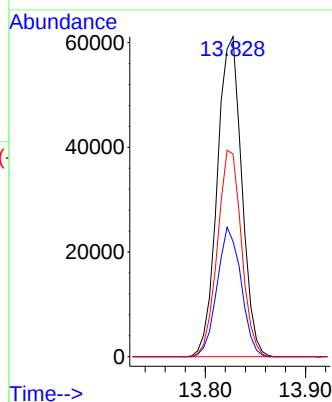
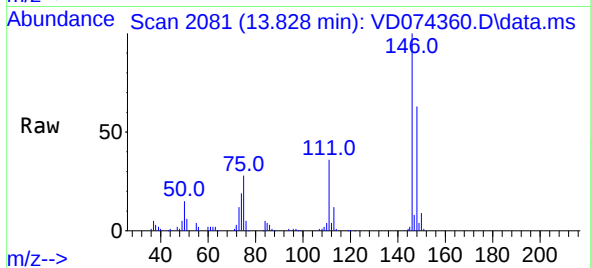
Tgt Ion:146 Resp: 103486

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.4

148 63.2 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.326 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

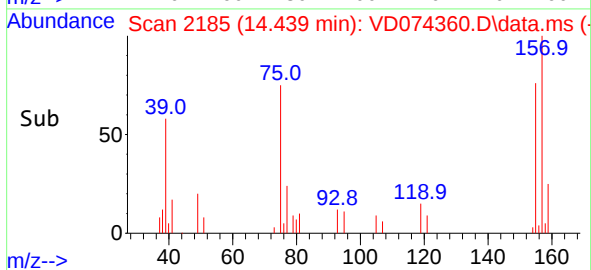
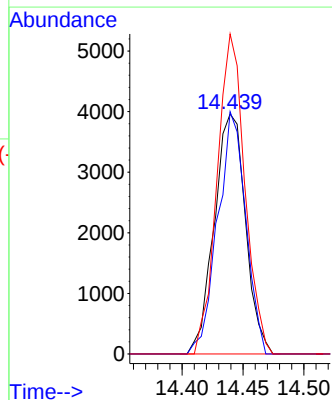
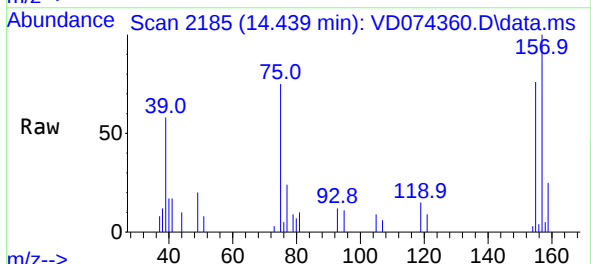
Tgt Ion: 75 Resp: 7058

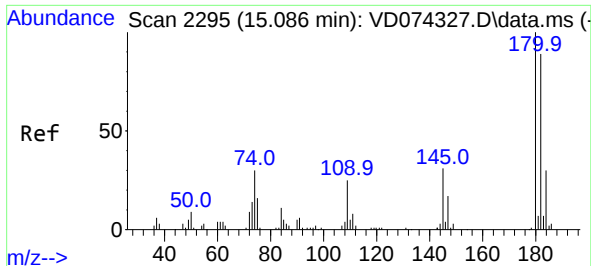
Ion Ratio Lower Upper

75 100

155 90.6 49.2 147.6

157 118.5 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 48.298 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. 0.006 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

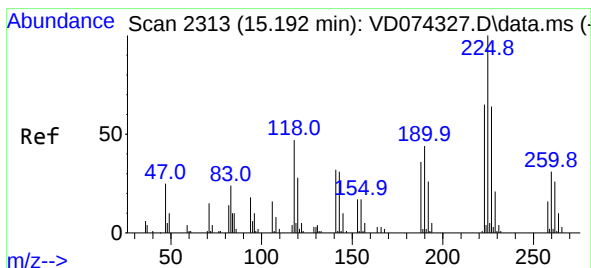
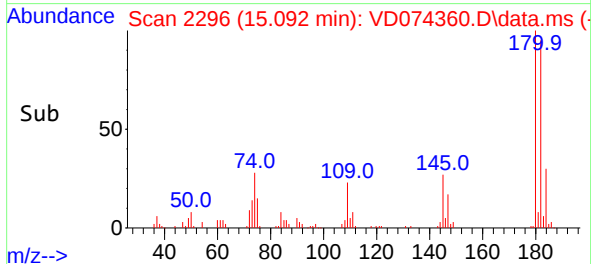
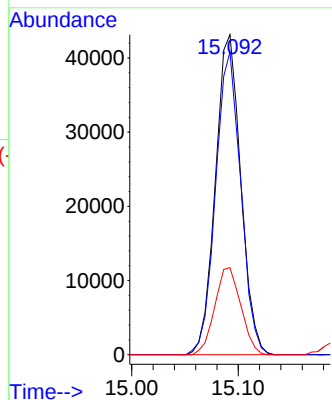
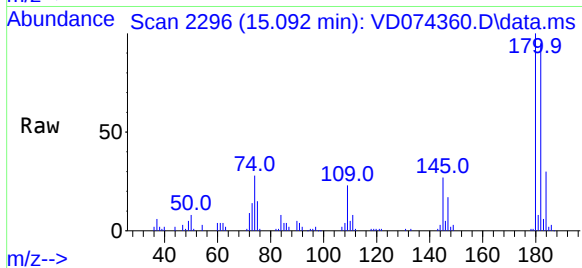
Tgt Ion:180 Resp: 71251

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 28.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 45.458 ug/l

RT: 15.192 min Scan# 2313

Delta R.T. 0.000 min

Lab File: VD074360.D

Acq: 20 Sep 2022 10:53

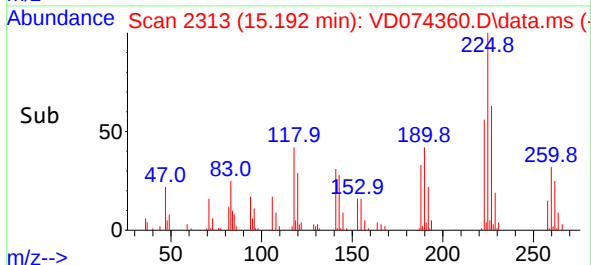
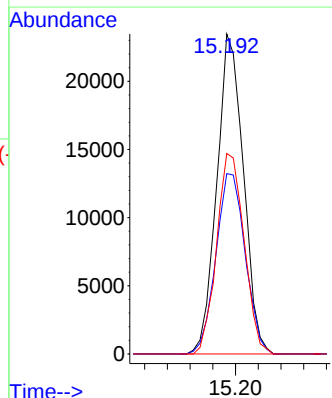
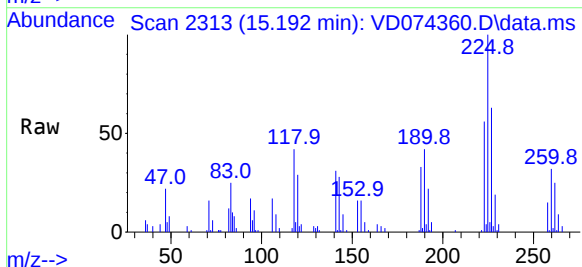
Tgt Ion:225 Resp: 38099

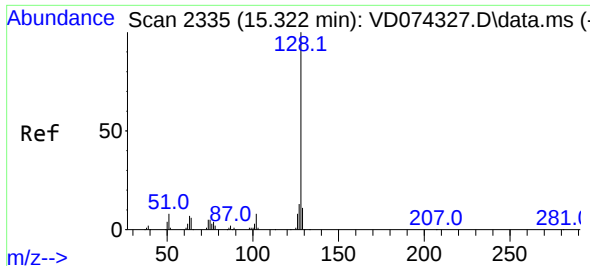
Ion Ratio Lower Upper

225 100

223 62.1 32.4 97.0

227 64.7 32.7 98.1

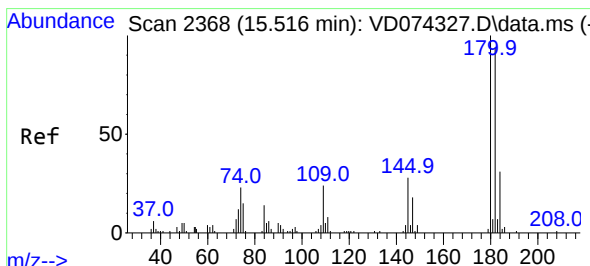
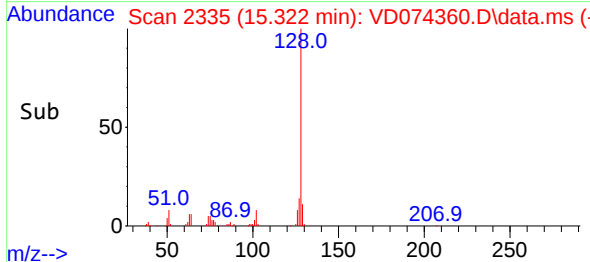
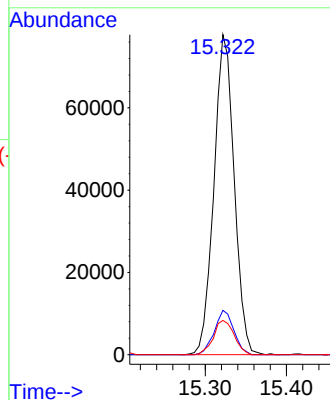
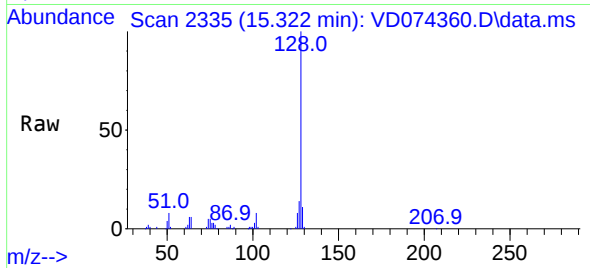




#95
Naphthalene
Concen: 49.305 ug/l
RT: 15.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 134822
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.893 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. -0.006 min
Lab File: VD074360.D
Acq: 20 Sep 2022 10:53

Tgt Ion:180 Resp: 60722
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.5
145 30.9 15.8 47.3

