

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075166.D
 Acq On : 20 Jan 2023 21:08
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 23 00:35:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	81474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47411	57.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.060%	
35) Dibromofluoromethane	7.811	113	47353	52.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.300%	
50) Toluene-d8	10.269	98	185993	52.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.575	95	60157	53.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.040%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	31397	49.452	ug/l	98
3) Chloromethane	2.146	50	48337	45.928	ug/l	98
4) Vinyl Chloride	2.281	62	47780	42.309	ug/l	99
5) Bromomethane	2.693	94	33168	43.186	ug/l	99
6) Chloroethane	2.840	64	35308	45.091	ug/l	94
7) Trichlorofluoromethane	3.181	101	72271	50.347	ug/l	99
8) Diethyl Ether	3.593	74	24052	52.003	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	44854	50.617	ug/l	99
10) Methyl Iodide	4.164	142	59861	50.182	ug/l	98
11) Tert butyl alcohol	5.064	59	12309	212.226	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	47006	50.387	ug/l	98
13) Acrolein	3.793	56	9988	203.526	ug/l	93
14) Allyl chloride	4.564	41	81057	53.538	ug/l	98
15) Acrylonitrile	5.258	53	54653	279.456	ug/l	98
16) Acetone	4.022	43	51998	237.139	ug/l	97
17) Carbon Disulfide	4.275	76	152021	50.241	ug/l	100
18) Methyl Acetate	4.569	43	32594	54.686	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	106331	54.563	ug/l	98
20) Methylene Chloride	4.805	84	63026	56.147	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	54591	52.565	ug/l	97
22) Diisopropyl ether	6.216	45	156450	55.520	ug/l	99
23) Vinyl Acetate	6.158	43	250483	201.683	ug/l	97
24) 1,1-Dichloroethane	6.116	63	95608	53.989	ug/l	99
25) 2-Butanone	7.087	43	68509	258.509	ug/l	94
26) 2,2-Dichloropropane	7.081	77	75933	48.101	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	61246	54.101	ug/l	99
28) Bromochloromethane	7.428	49	24801	51.295	ug/l	95
29) Tetrahydrofuran	7.440	42	41136	272.145	ug/l	98
30) Chloroform	7.599	83	95526	54.094	ug/l	89
31) Cyclohexane	7.875	56	84753	50.830	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	81122	53.320	ug/l	100
36) 1,1-Dichloropropene	8.011	75	73348	50.280	ug/l	99
37) Ethyl Acetate	7.175	43	30283	51.527	ug/l	97
38) Carbon Tetrachloride	7.993	117	60683	49.406	ug/l	99
39) Methylcyclohexane	9.275	83	88746	49.366	ug/l	99
40) Benzene	8.252	78	214474	51.554	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14327	40.513	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	57213	52.356	ug/l	98
43) Isopropyl Acetate	8.363	43	58430	51.089	ug/l	100
44) Trichloroethene	9.028	130	57322	48.999	ug/l	97
45) 1,2-Dichloropropane	9.310	63	53796	52.496	ug/l	100
46) Dibromomethane	9.399	93	27755	51.356	ug/l	96
47) Bromodichloromethane	9.587	83	69935	52.159	ug/l	97
48) Methyl methacrylate	9.381	41	29719	53.139	ug/l	96
49) 1,4-Dioxane	9.387	88	5153	998.743	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	144844	263.732	ug/l	98
52) Toluene	10.334	92	135188	51.422	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	64391	50.761	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	79798	51.490	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	37560	52.515	ug/l	97
56) Ethyl methacrylate	10.599	69	46253	53.775	ug/l	99
57) 1,3-Dichloropropane	10.881	76	64460	52.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	74245	252.260	ug/l	99
59) 2-Hexanone	10.922	43	97937	246.624	ug/l	99
60) Dibromochloromethane	11.075	129	44401	51.505	ug/l	100
61) 1,2-Dibromoethane	11.181	107	35729	52.284	ug/l	100
64) Tetrachloroethene	10.810	164	46984	49.533	ug/l	98
65) Chlorobenzene	11.610	112	139278	51.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46791	51.110	ug/l	97
67) Ethyl Benzene	11.687	91	250188	51.065	ug/l	99
68) m/p-Xylenes	11.799	106	195025	103.044	ug/l	99
69) o-Xylene	12.122	106	90785	51.137	ug/l	97
70) Styrene	12.140	104	153626	52.054	ug/l	100
71) Bromoform	12.304	173	24703	52.256	ug/l #	96
73) Isopropylbenzene	12.422	105	240288	50.336	ug/l	99
74) N-amyl acetate	12.240	43	50469	48.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	39121	51.435	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	49201	96.126	ug/l #	100
77) Bromobenzene	12.704	156	52897	48.513	ug/l	95
78) n-propylbenzene	12.763	91	294112	50.138	ug/l	99
79) 2-Chlorotoluene	12.851	91	161814	50.155	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	198180	50.671	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	10514	47.648	ug/l	96
82) 4-Chlorotoluene	12.951	91	162990	49.136	ug/l	99
83) tert-Butylbenzene	13.169	119	165959	49.041	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	194904	50.743	ug/l	100
85) sec-Butylbenzene	13.346	105	256745	49.943	ug/l	99
86) p-Isopropyltoluene	13.463	119	207970	49.414	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	102858	48.665	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	102904	49.484	ug/l	99
89) n-Butylbenzene	13.793	91	203862	49.708	ug/l	100
90) Hexachloroethane	14.057	117	34396	46.280	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	90514	50.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5836	50.184	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	55419	46.672	ug/l	97
94) Hexachlorobutadiene	15.210	225	27235	46.800	ug/l	98
95) Naphthalene	15.334	128	121519	51.407	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	46798	46.188	ug/l	97

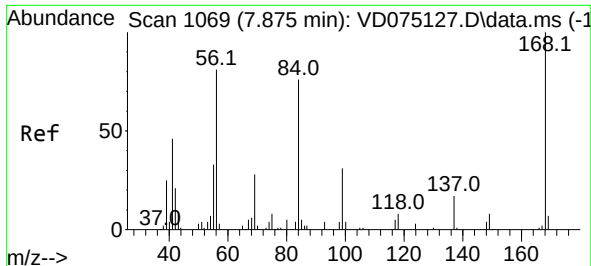
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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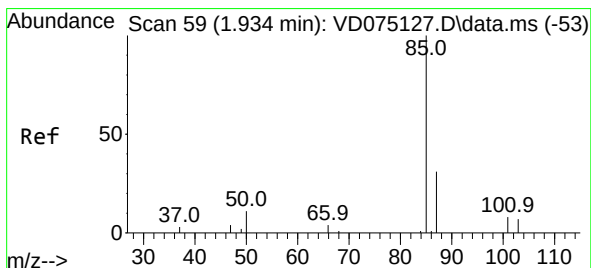
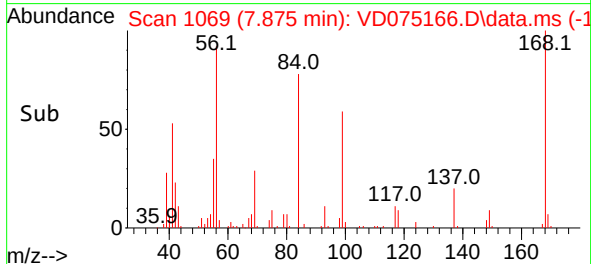
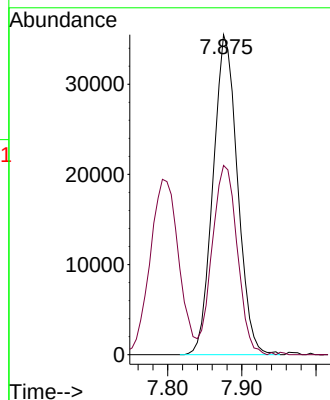
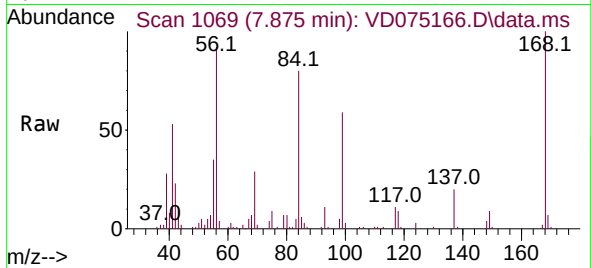
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

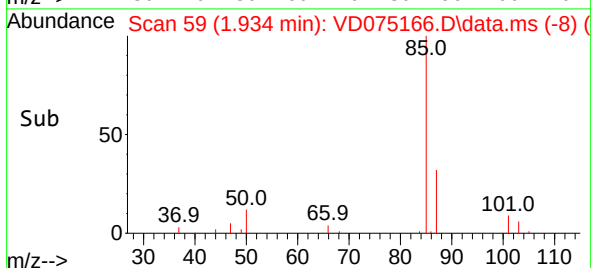
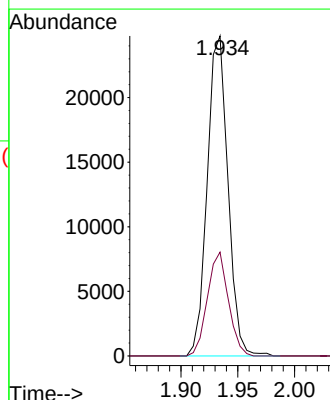
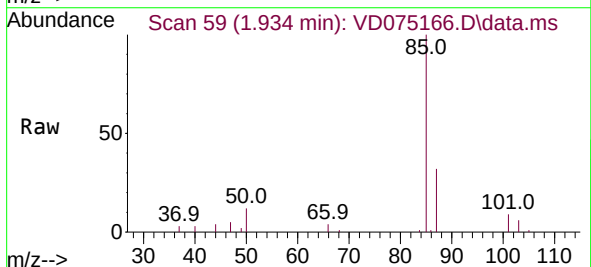
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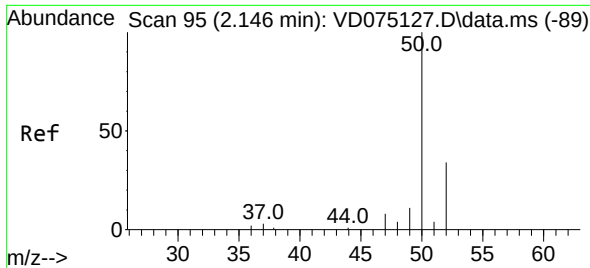
Tgt Ion:168 Resp: 81474
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 49.452 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 85 Resp: 31397
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

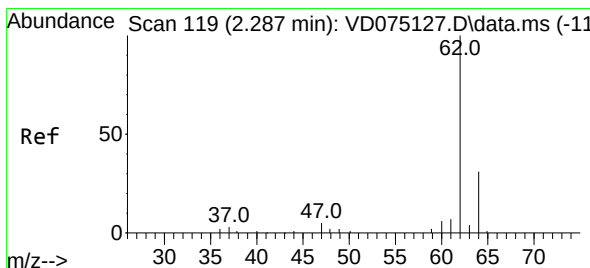
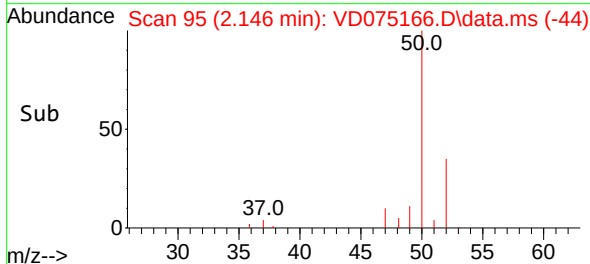
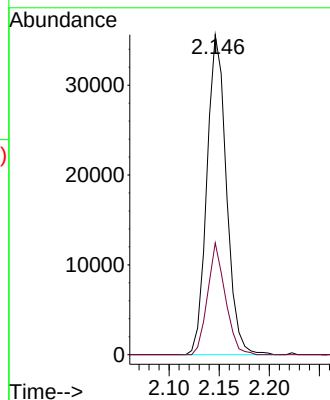
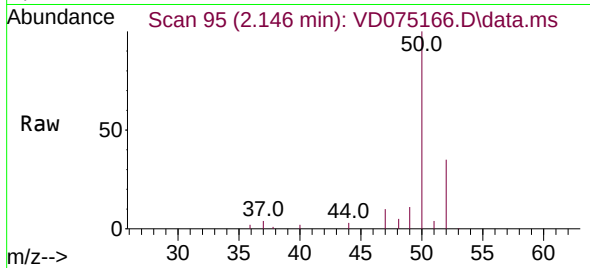




#3
Chloromethane
Concen: 45.928 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

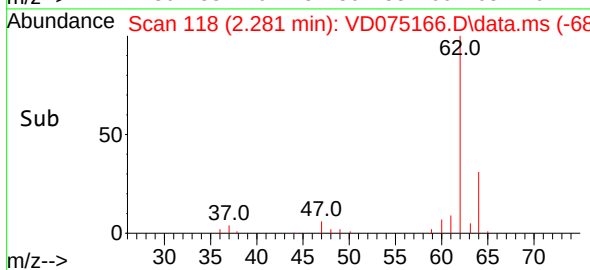
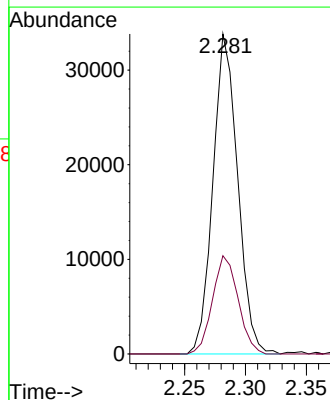
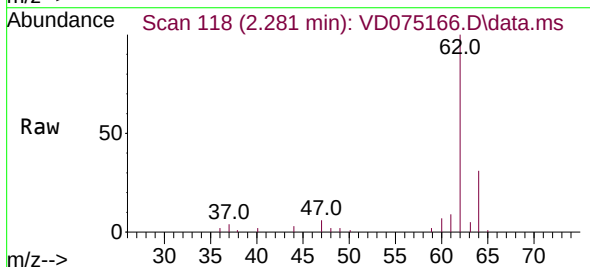
Instrument :
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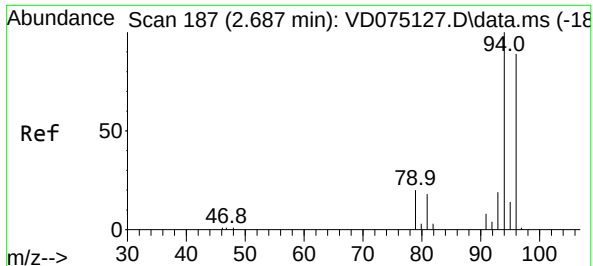
Tgt Ion: 50 Resp: 48337
Ion Ratio Lower Upper
50 100
52 35.0 27.0 40.6



#4
Vinyl Chloride
Concen: 42.309 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 62 Resp: 47780
Ion Ratio Lower Upper
62 100
64 30.7 24.8 37.2





#5

Bromomethane

Concen: 43.186 ug/l

RT: 2.693 min Scan# 188

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

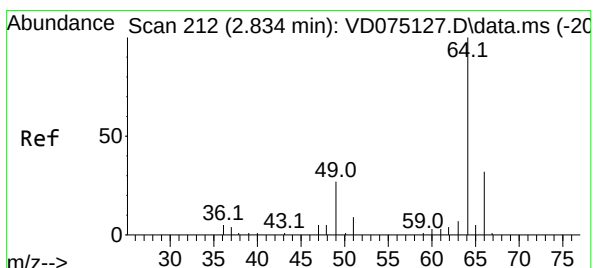
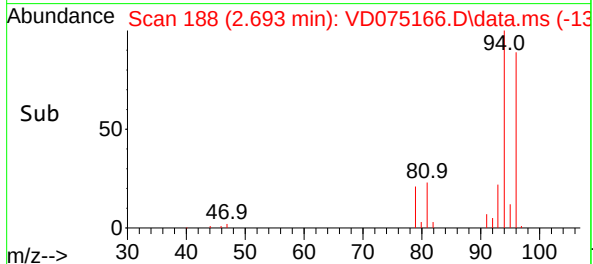
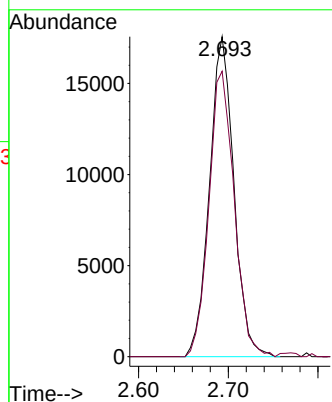
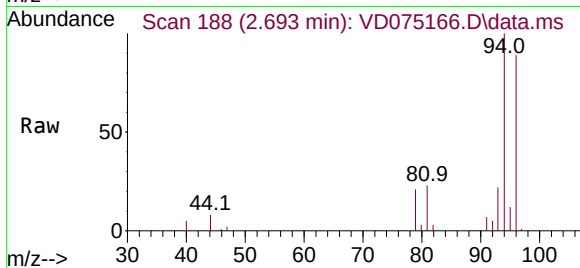
VSTDCCC050EC

Tgt Ion: 94 Resp: 33168

Ion Ratio Lower Upper

94 100

96 92.5 74.8 112.2



#6

Chloroethane

Concen: 45.091 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.006 min

Lab File: VD075166.D

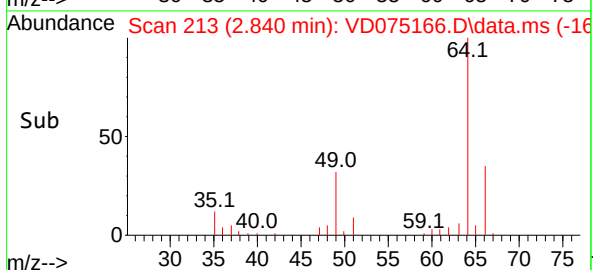
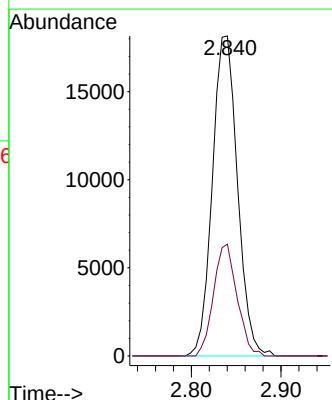
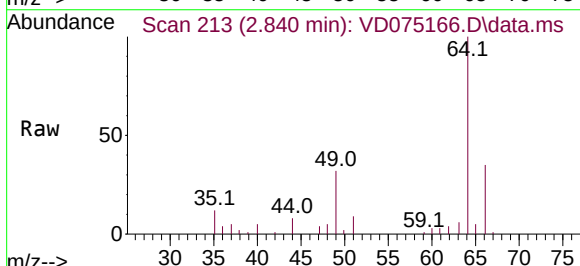
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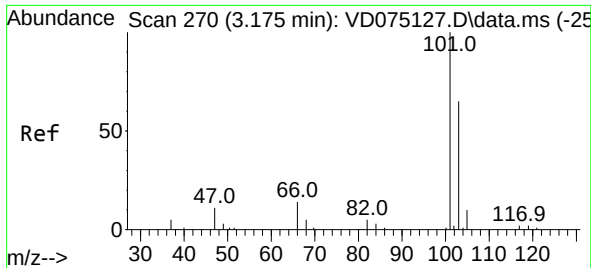
Tgt Ion: 64 Resp: 35308

Ion Ratio Lower Upper

64 100

66 35.0 25.4 38.2

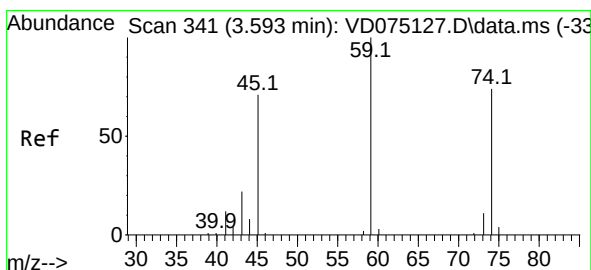
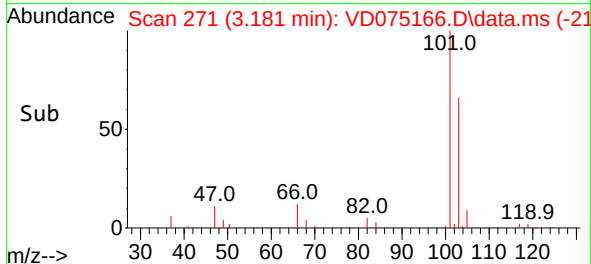
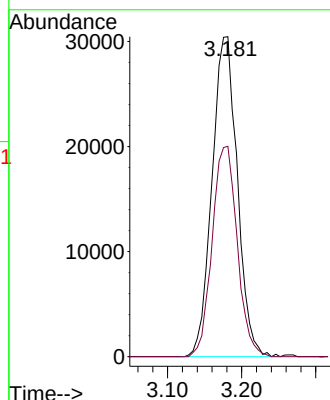
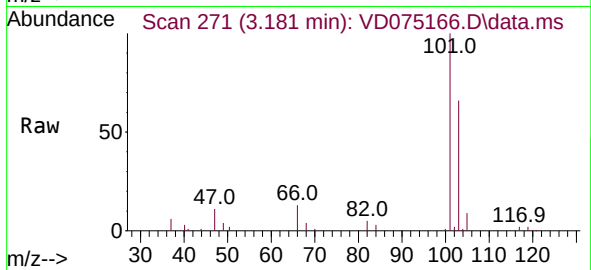




#7
 Trichlorofluoromethane
 Concen: 50.347 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.006 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

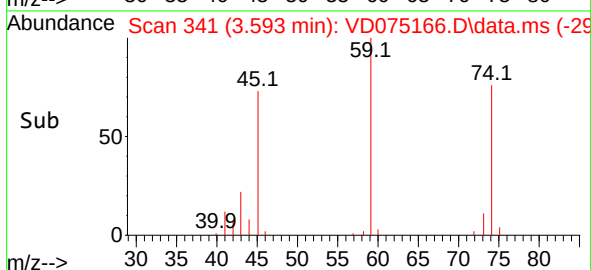
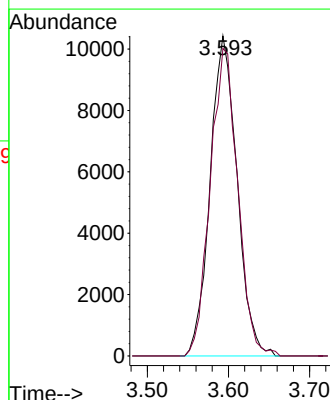
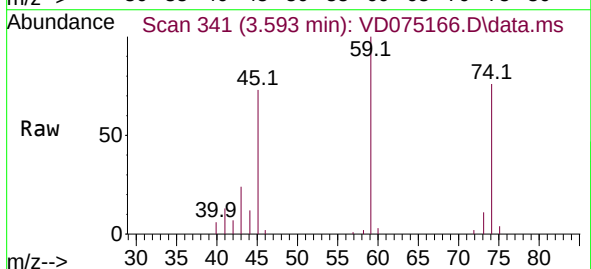
Instrument :
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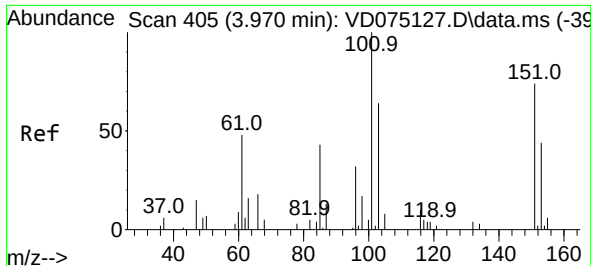
Tgt Ion:101 Resp: 72271
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.4



#8
 Diethyl Ether
 Concen: 52.003 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Tgt Ion: 74 Resp: 24052
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.8 149.3

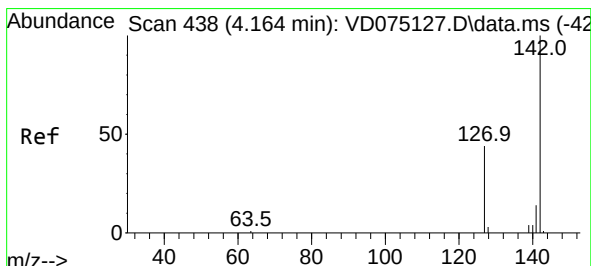
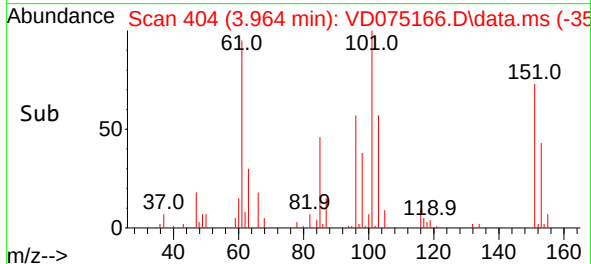
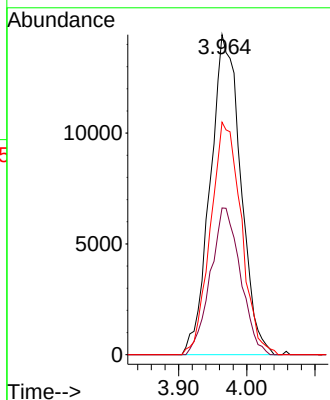
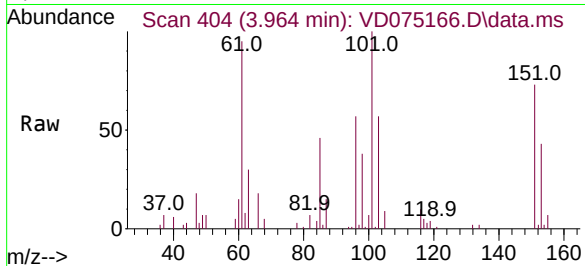




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.617 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075166.D
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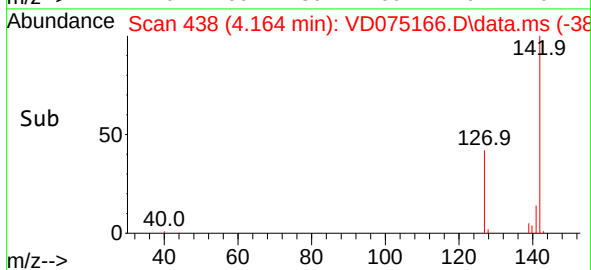
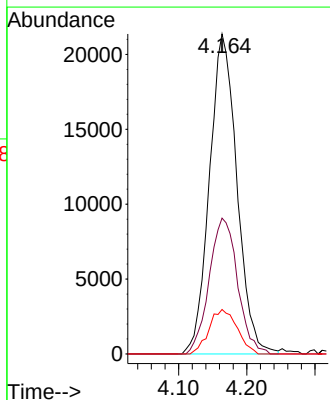
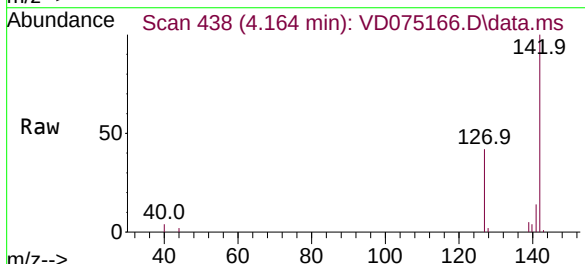
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MSVOA_D
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VSTDCCC050EC

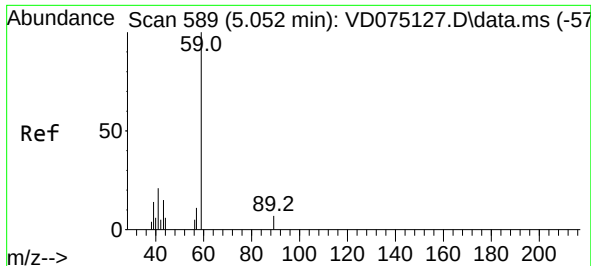
Tgt Ion:101 Resp: 44854
Ion Ratio Lower Upper
101 100
85 45.1 36.9 55.3
151 73.4 58.9 88.3



#10
Methyl Iodide
Concen: 50.182 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:142 Resp: 59861
Ion Ratio Lower Upper
142 100
127 43.8 33.6 50.4
141 14.3 11.1 16.7

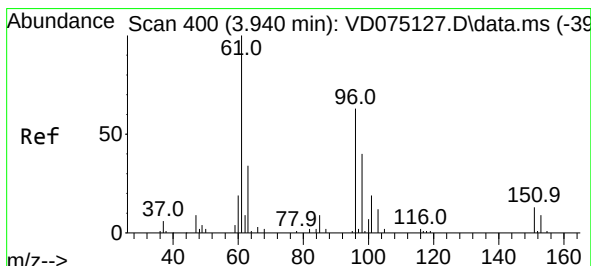
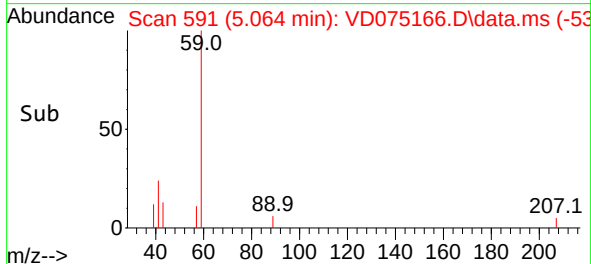
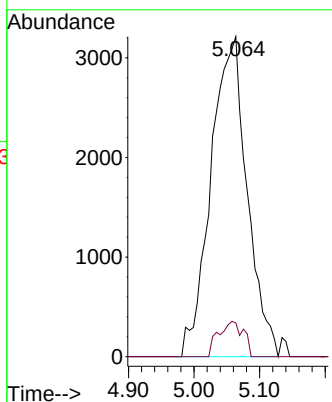
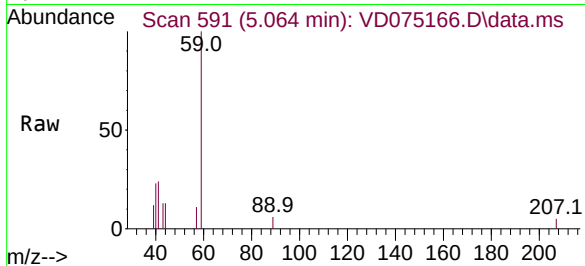




#11
Tert butyl alcohol
Concen: 212.226 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

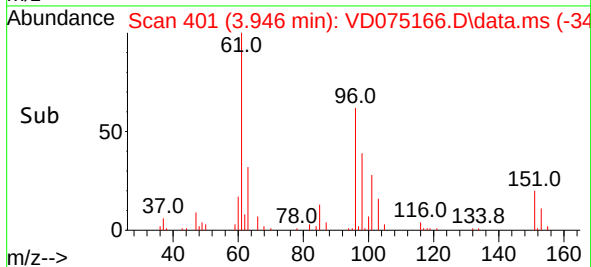
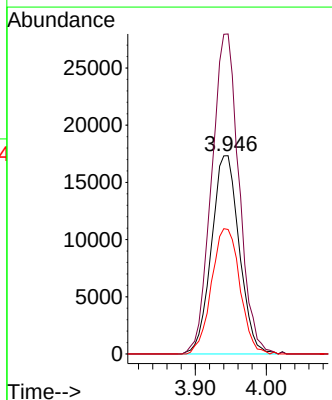
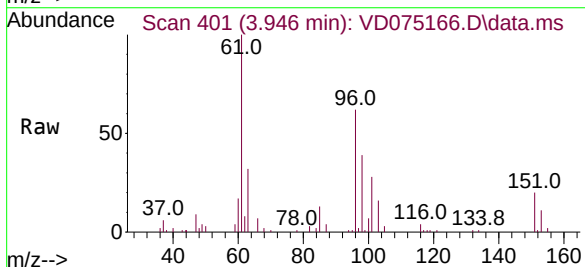
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

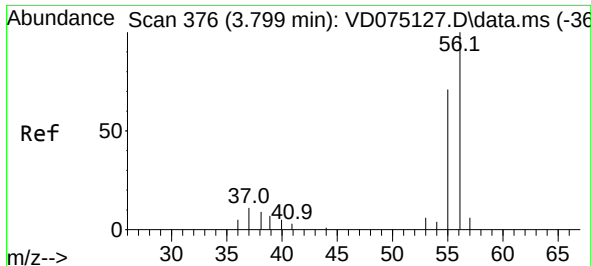
Tgt Ion: 59 Resp: 12309
Ion Ratio Lower Upper
59 100
57 7.6 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 50.387 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 96 Resp: 47006
Ion Ratio Lower Upper
96 100
61 161.4 126.8 190.2
98 62.8 50.4 75.6

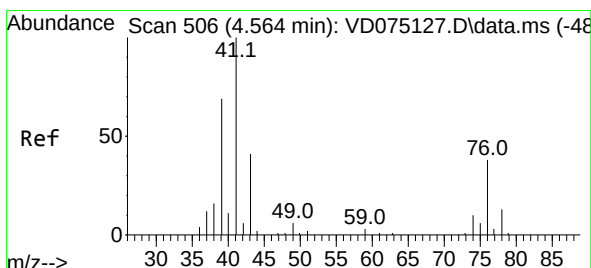
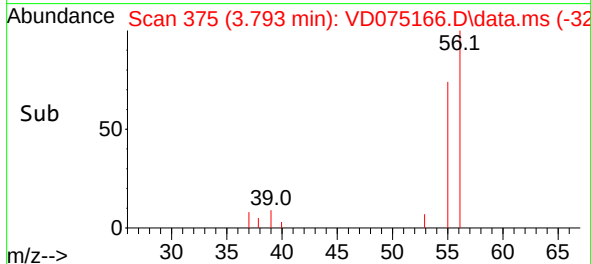
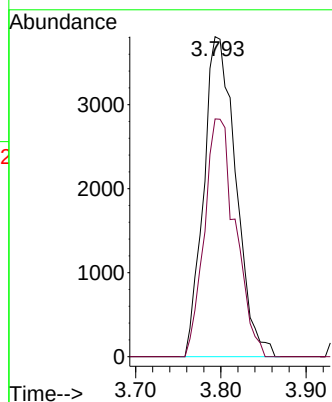
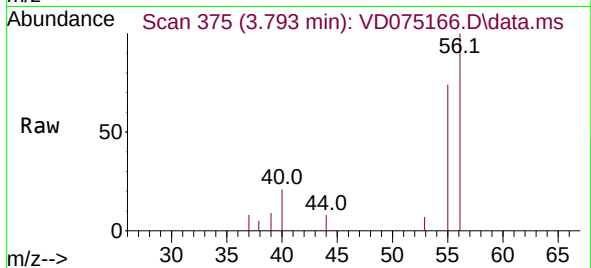




#13
Acrolein
Concen: 203.526 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

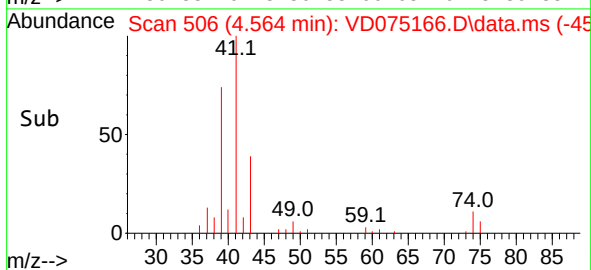
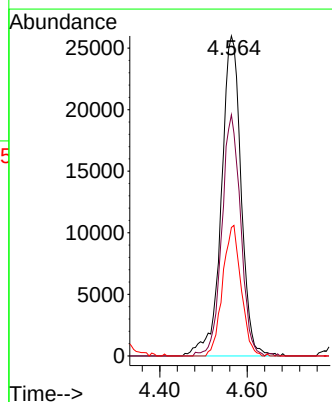
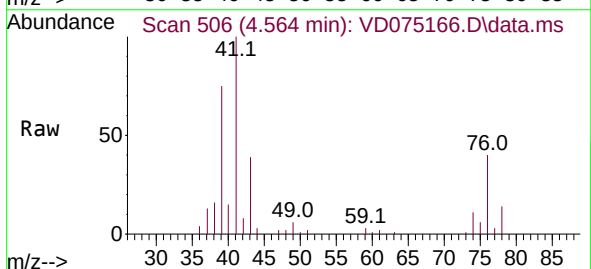
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

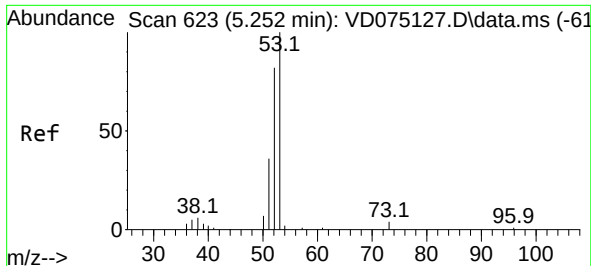
Tgt Ion: 56 Resp: 9988
Ion Ratio Lower Upper
56 100
55 71.7 53.0 79.6



#14
Allyl chloride
Concen: 53.538 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 41 Resp: 81057
Ion Ratio Lower Upper
41 100
39 71.8 55.4 83.0
76 38.1 30.2 45.2

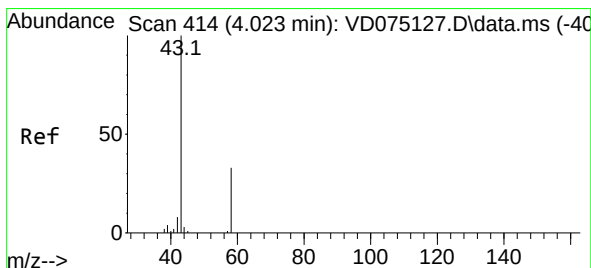
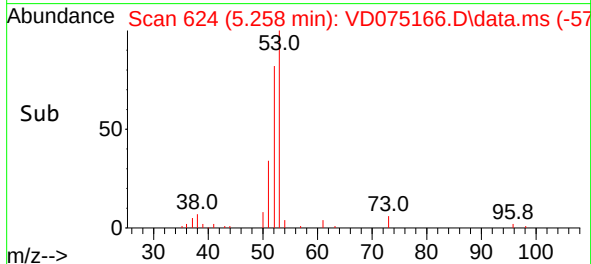
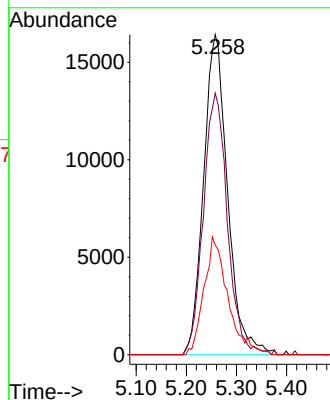
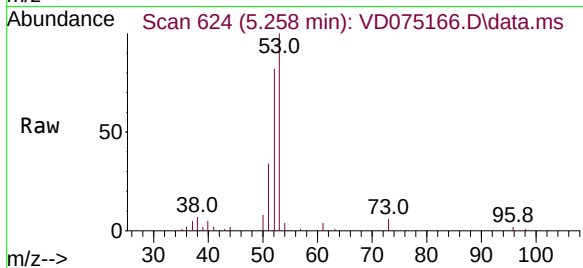




#15
Acrylonitrile
Concen: 279.456 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

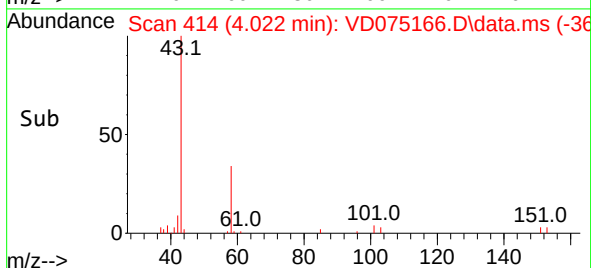
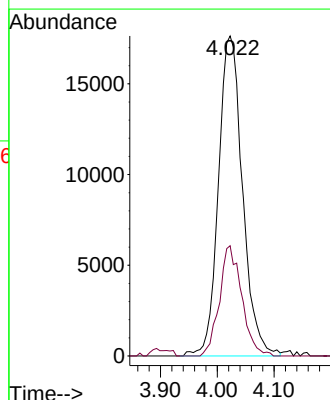
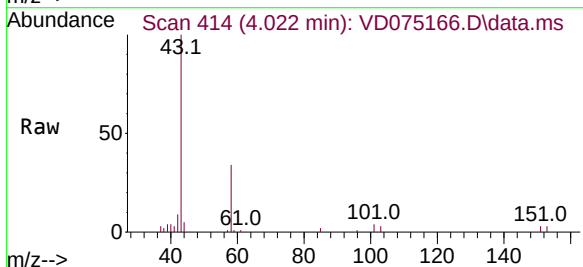
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

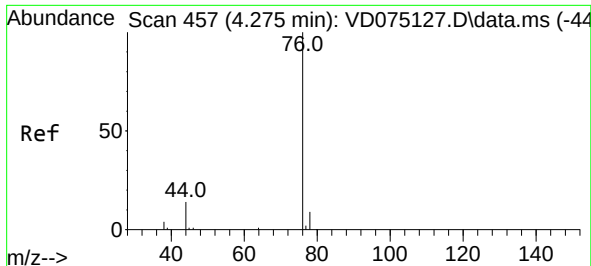
Tgt Ion: 53 Resp: 54653
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.6
51 36.7 30.1 45.1



#16
Acetone
Concen: 237.139 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 43 Resp: 51998
Ion Ratio Lower Upper
43 100
58 34.5 26.0 39.0

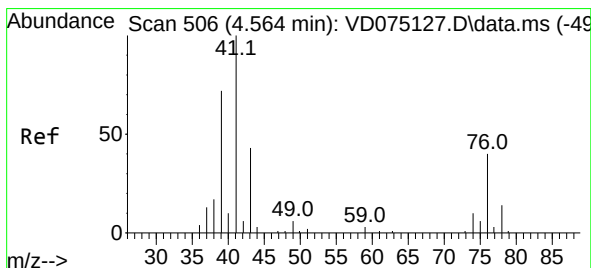
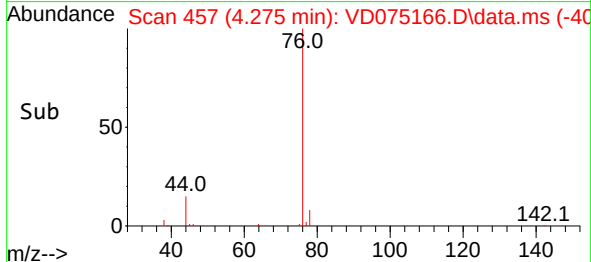
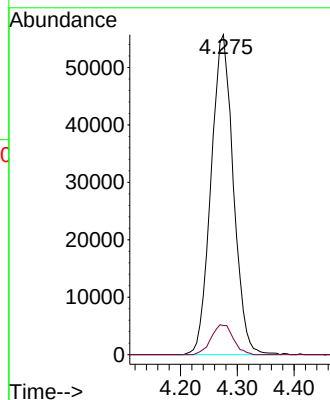
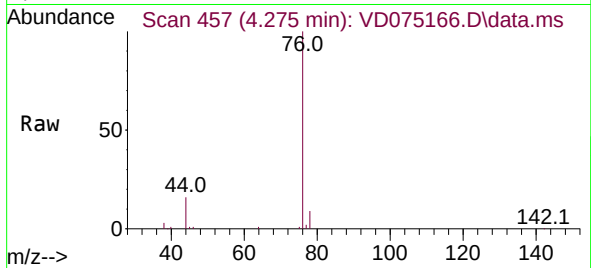




#17
Carbon Disulfide
Concen: 50.241 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

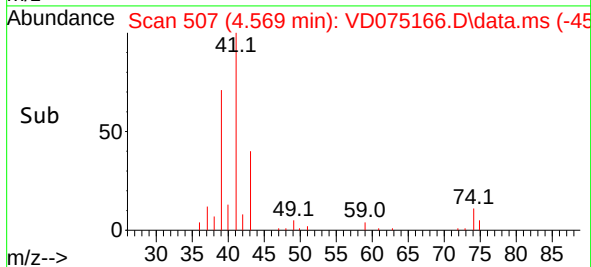
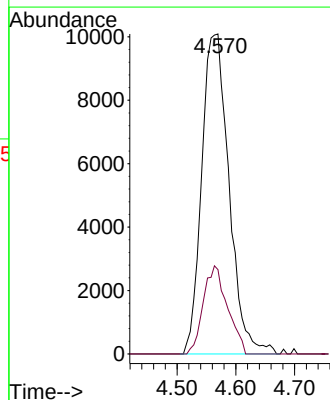
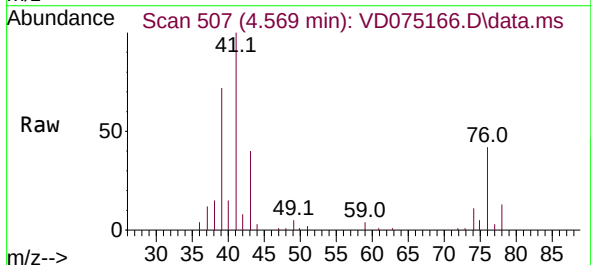
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

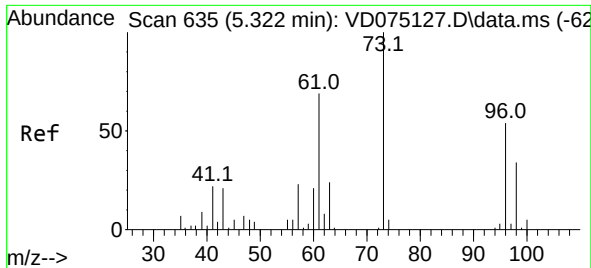
Tgt Ion: 76 Resp: 152021
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 54.686 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 43 Resp: 32594
Ion Ratio Lower Upper
43 100
74 24.3 18.5 27.7

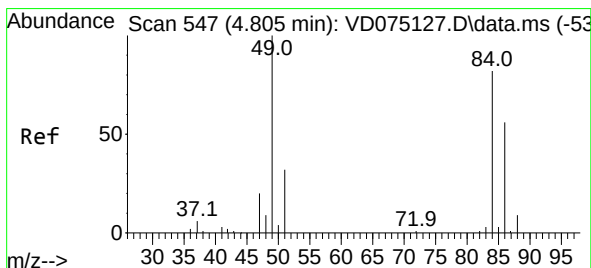
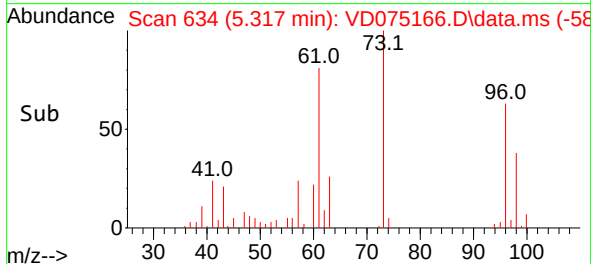
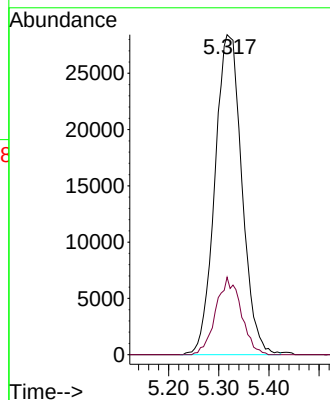
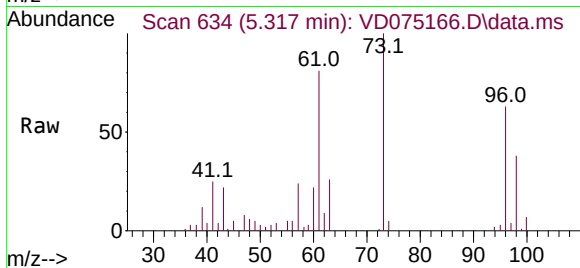




#19
Methyl tert-butyl Ether
Concen: 54.563 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

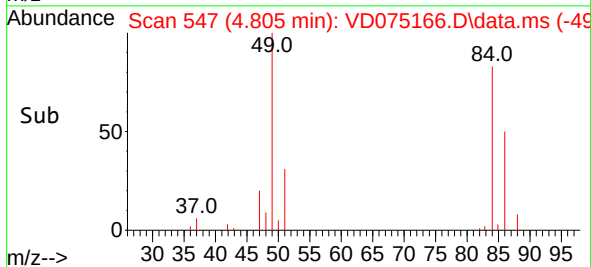
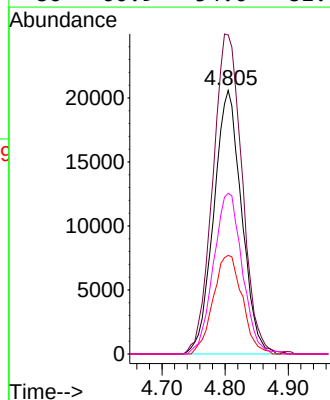
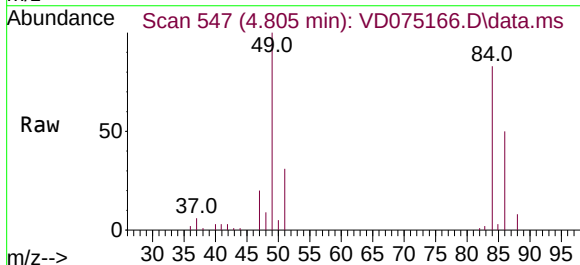
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

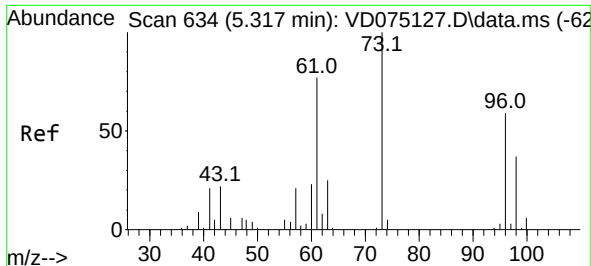
Tgt Ion: 73 Resp: 106331
Ion Ratio Lower Upper
73 100
57 24.2 18.5 27.7



#20
Methylene Chloride
Concen: 56.147 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 84 Resp: 63026
Ion Ratio Lower Upper
84 100
49 121.1 97.0 145.6
51 37.4 30.9 46.3
86 60.9 54.0 81.0

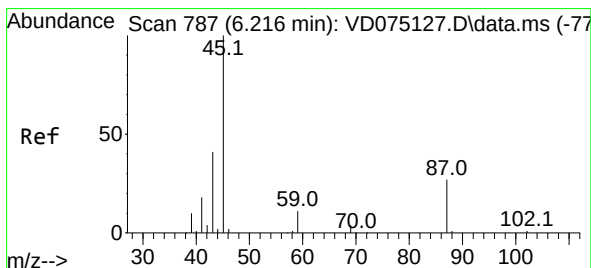
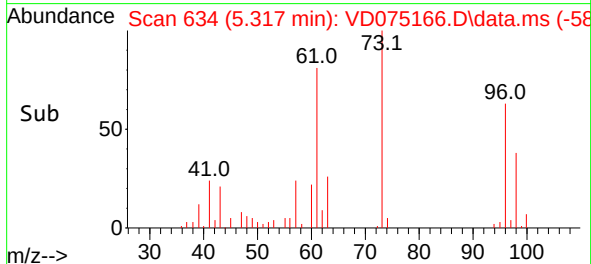
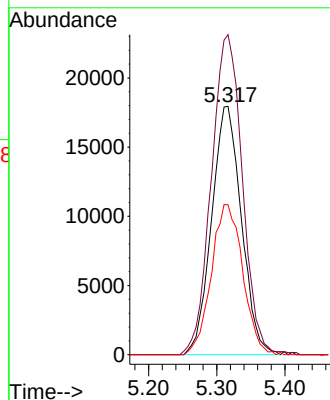
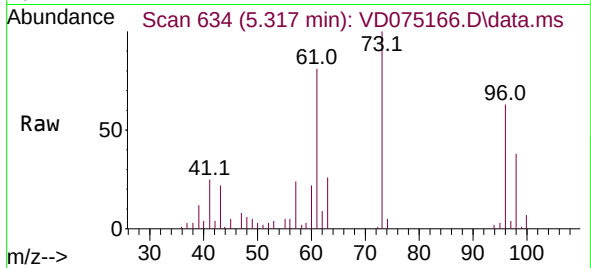




#21
trans-1,2-Dichloroethene
Concen: 52.565 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

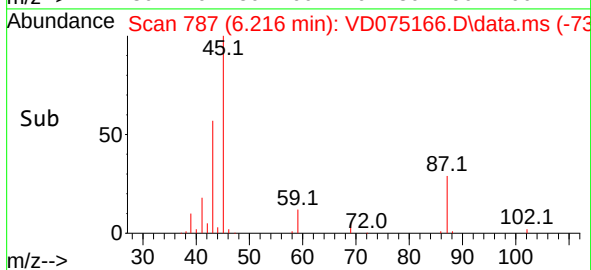
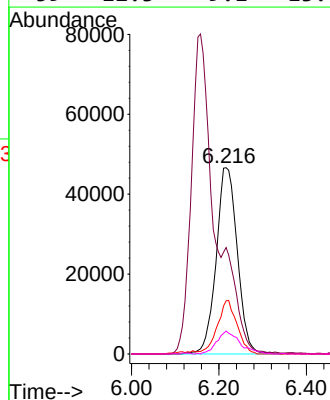
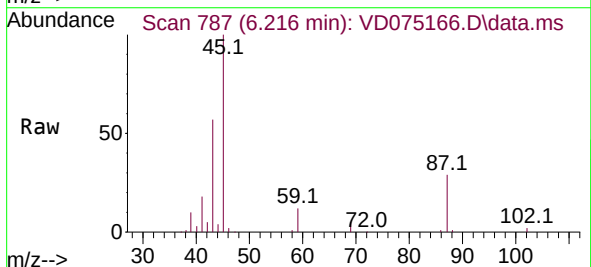
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

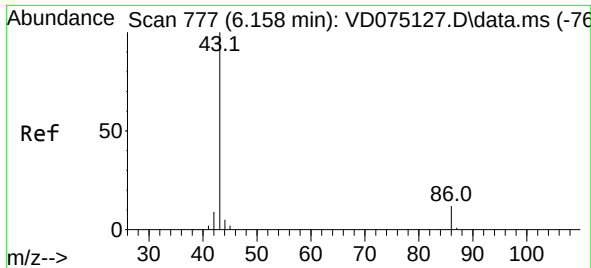
Tgt Ion: 96 Resp: 54591
Ion Ratio Lower Upper
96 100
61 128.9 105.7 158.5
98 60.4 50.4 75.6



#22
Diisopropyl ether
Concen: 55.520 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 45 Resp: 156450
Ion Ratio Lower Upper
45 100
43 56.7 45.3 67.9
87 28.5 22.1 33.1
59 12.3 9.1 13.7

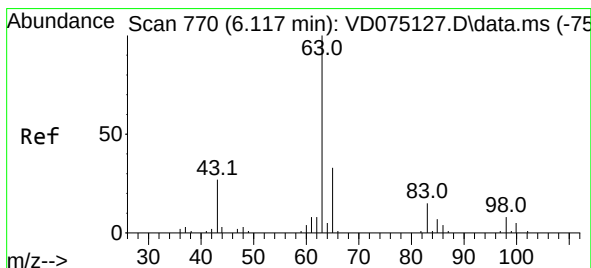
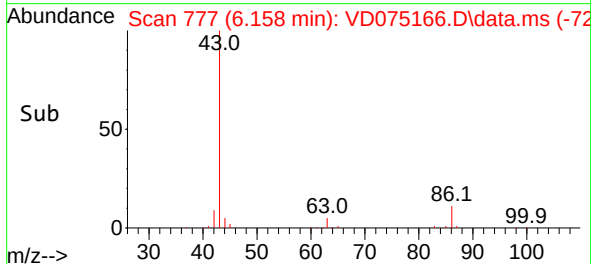
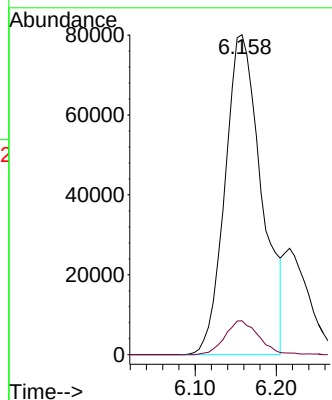
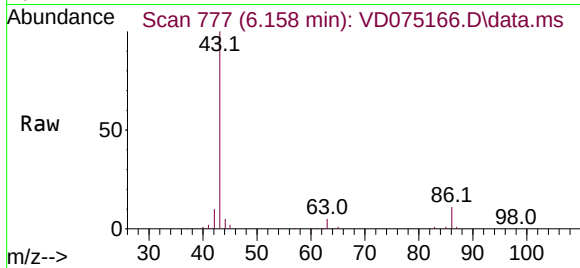




#23
 Vinyl Acetate
 Concen: 201.683 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

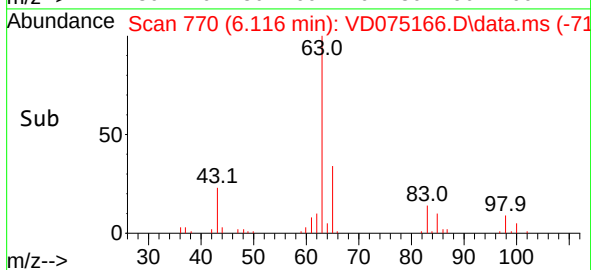
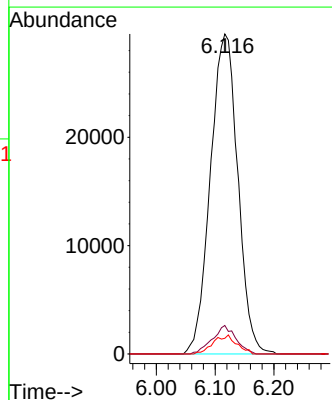
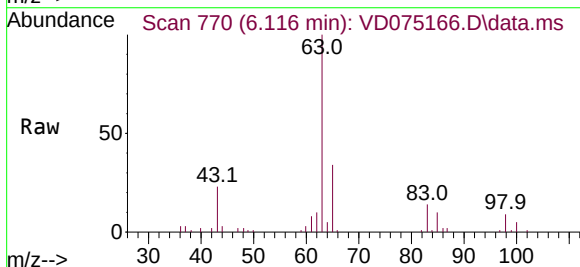
Instrument :
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 ClientSampleId :
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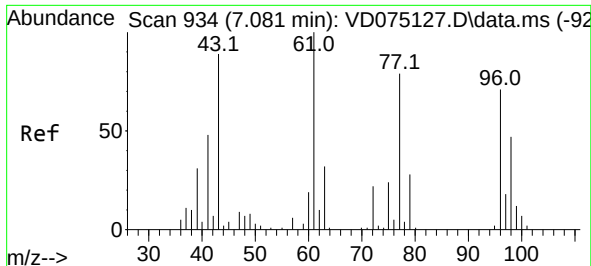
Tgt Ion: 43 Resp: 250483
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 53.989 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Tgt Ion: 63 Resp: 95608
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.2
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 258.509 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

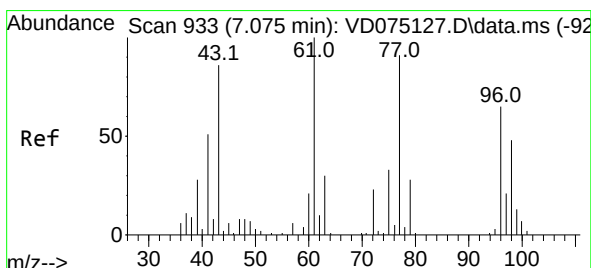
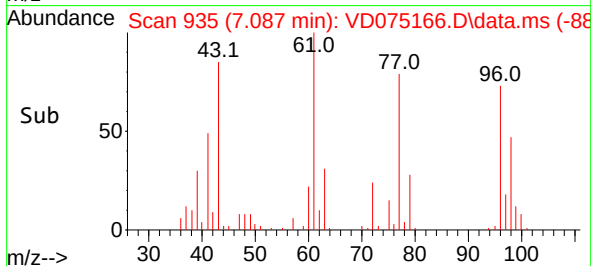
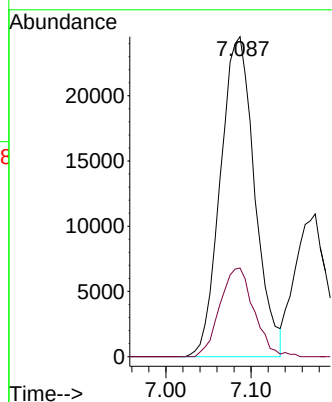
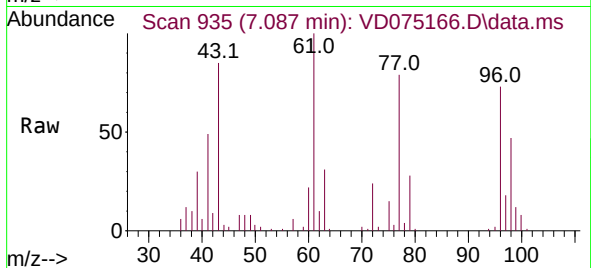
VSTDCCC050EC

Tgt Ion: 43 Resp: 68509

Ion Ratio Lower Upper

43 100

72 27.7 19.8 29.8



#26

2,2-Dichloropropane

Concen: 48.101 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075166.D

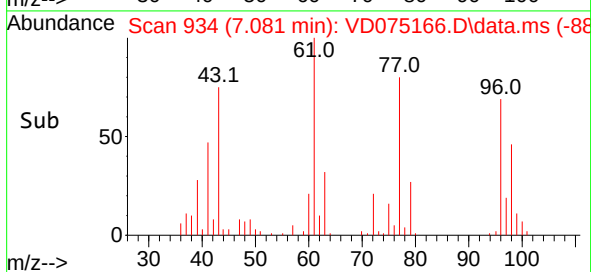
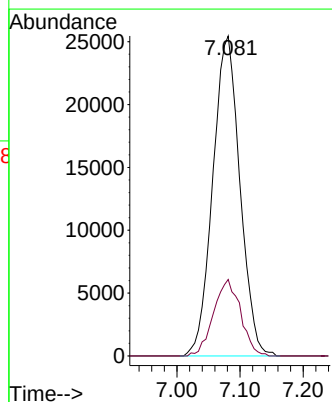
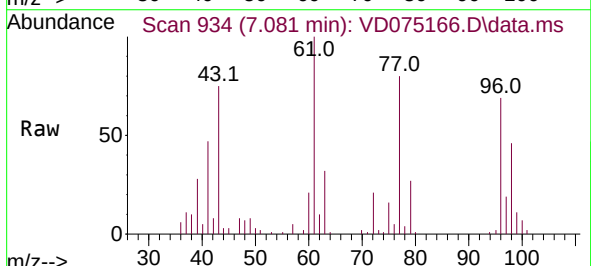
Acq: 20 Jan 2023 21:08

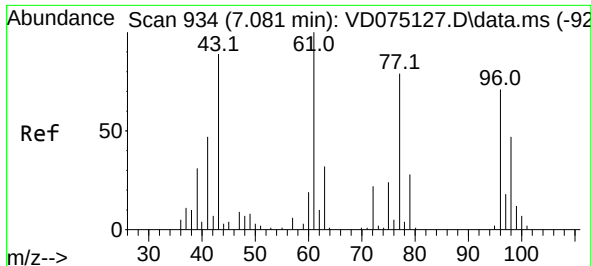
Tgt Ion: 77 Resp: 75933

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.0



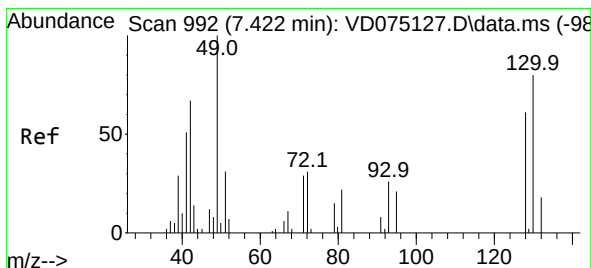
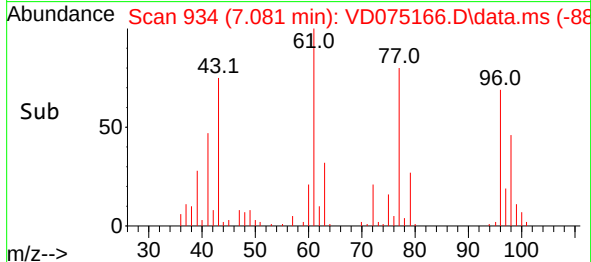
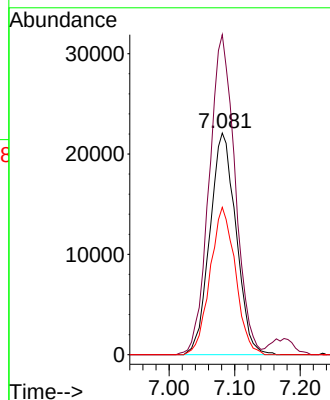
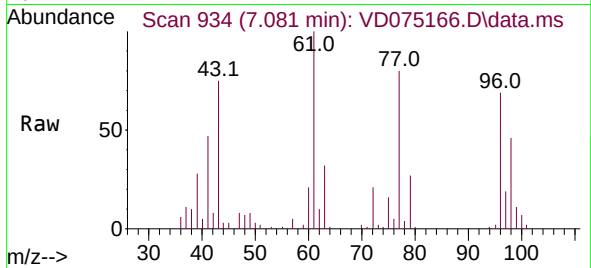


#27
 cis-1,2-Dichloroethene
 Concen: 54.101 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 61246

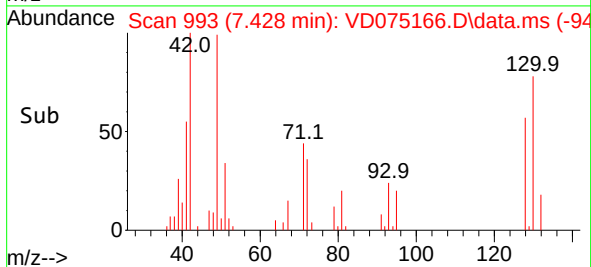
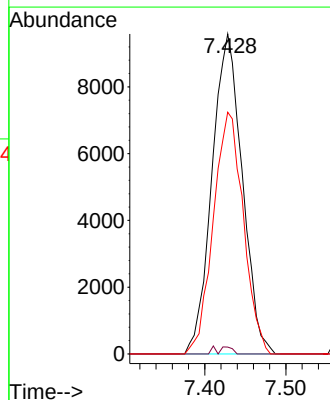
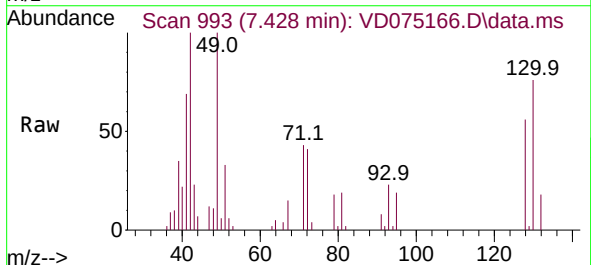
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	287.4
98	64.3	0.0	129.8

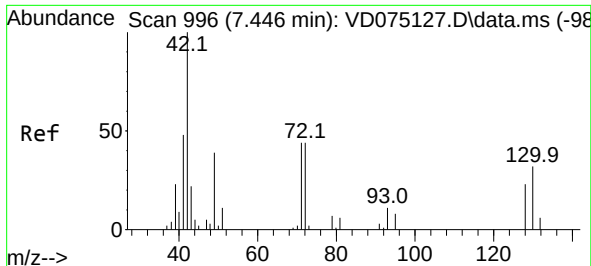


#28
 Bromochloromethane
 Concen: 51.295 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Tgt Ion: 49 Resp: 24801

Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.6
130	74.9	63.6	95.4





#29

Tetrahydrofuran

Concen: 272.145 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

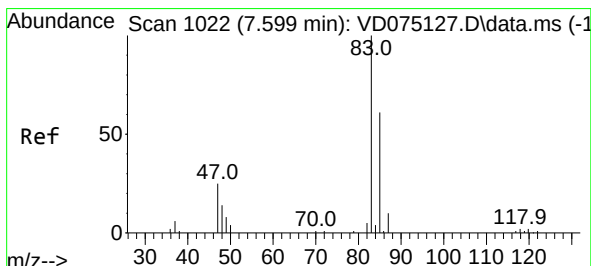
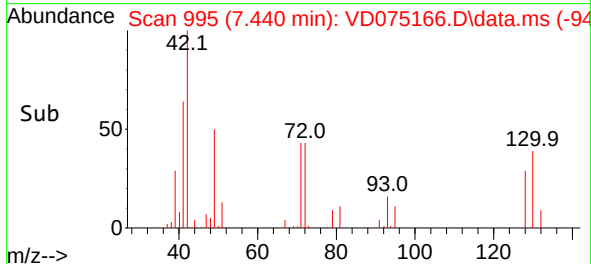
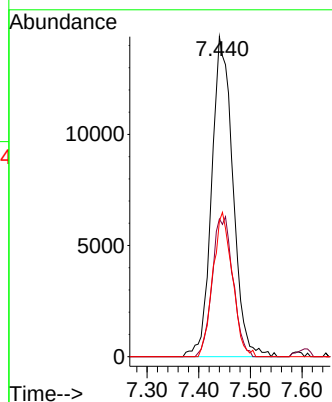
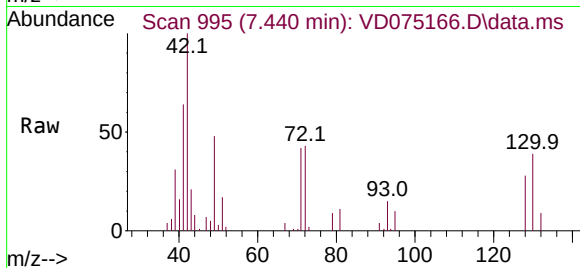
Tgt Ion: 42 Resp: 41136

Ion Ratio Lower Upper

42 100

72 42.7 33.8 50.8

71 41.3 31.6 47.4



#30

Chloroform

Concen: 54.094 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075166.D

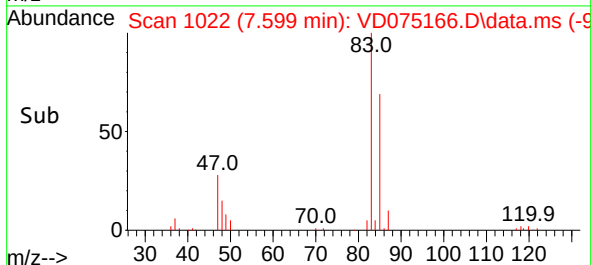
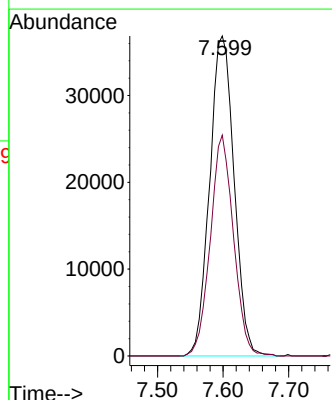
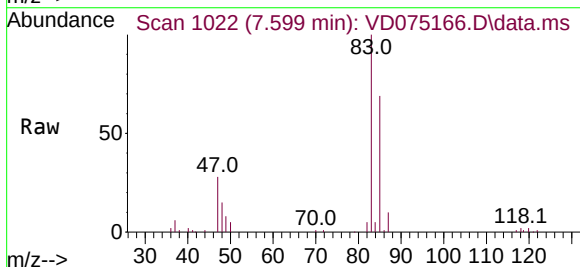
Acq: 20 Jan 2023 21:08

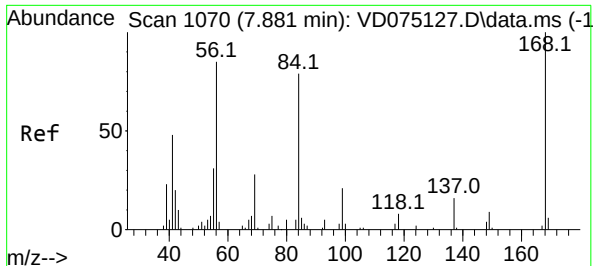
Tgt Ion: 83 Resp: 95526

Ion Ratio Lower Upper

83 100

85 69.0 48.5 72.7

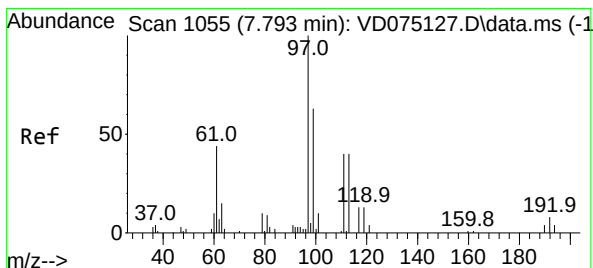
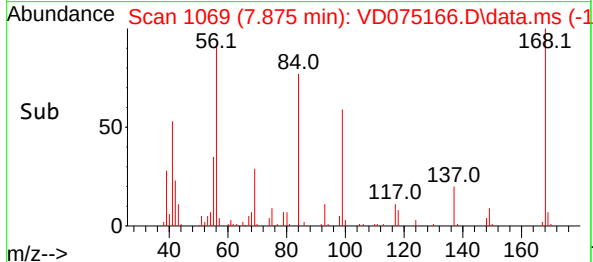
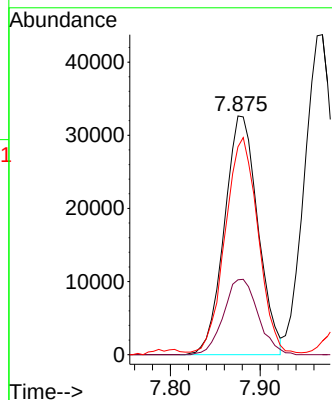
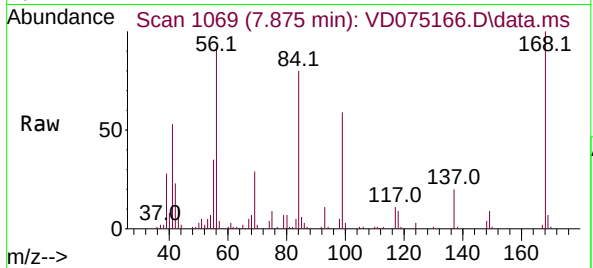




#31
Cyclohexane
Concen: 50.830 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

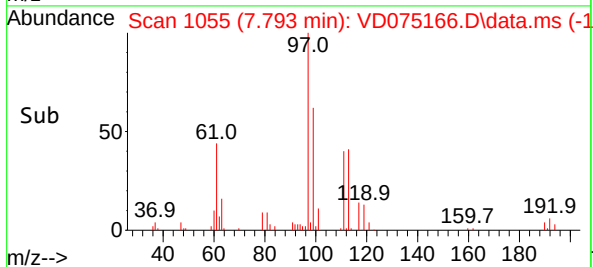
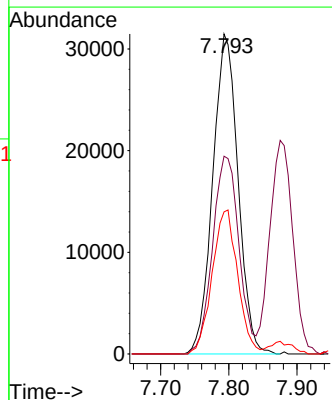
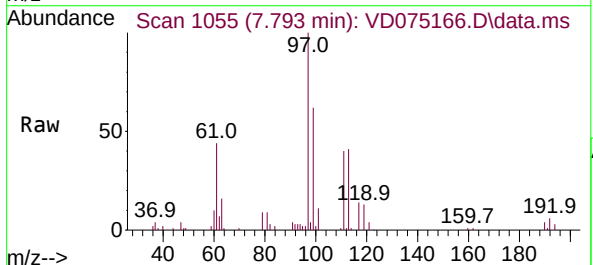
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

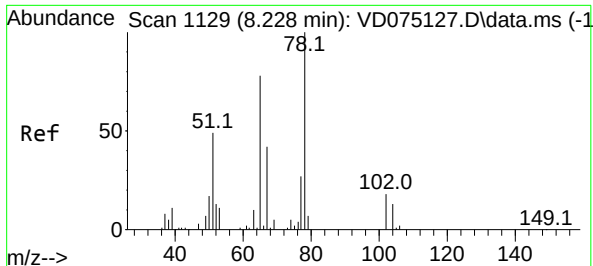
Tgt Ion: 56 Resp: 84753
Ion Ratio Lower Upper
56 100
69 31.3 26.6 40.0
84 85.8 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 53.320 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 97 Resp: 81122
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 57.027 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

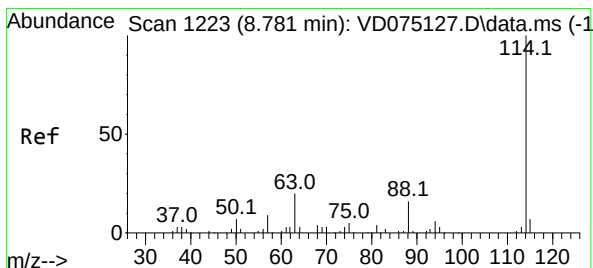
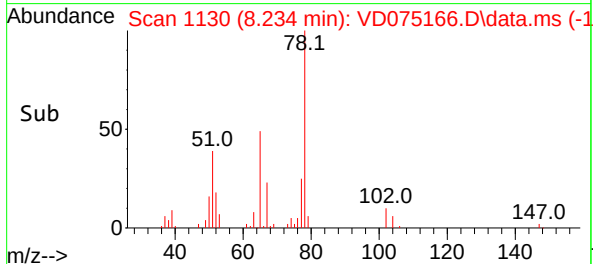
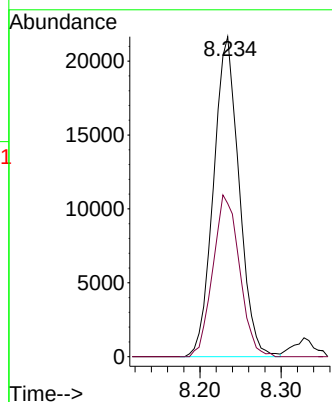
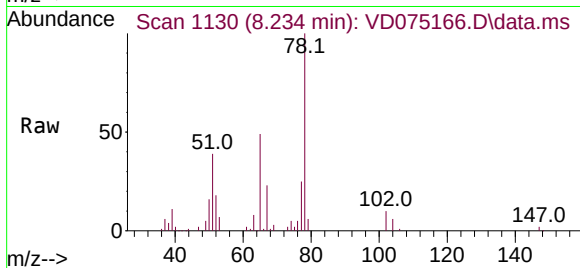
VSTDCCC050EC

Tgt Ion: 65 Resp: 47411

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

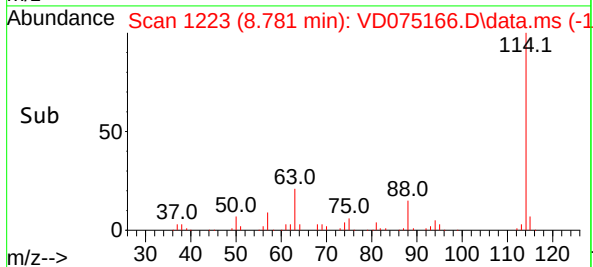
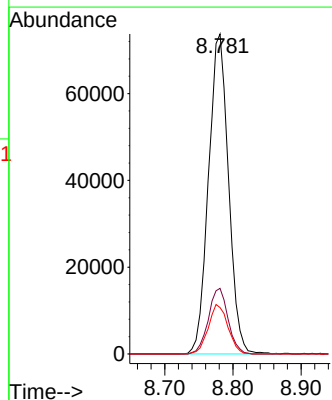
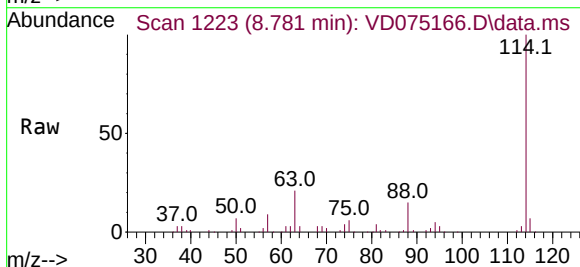
Tgt Ion: 114 Resp: 150254

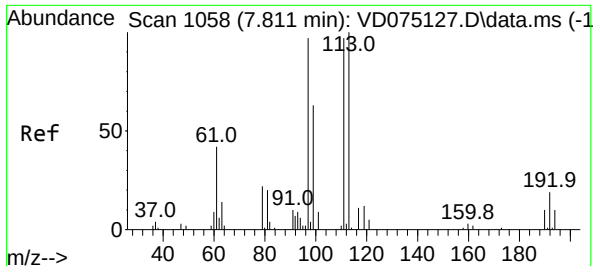
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.154 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

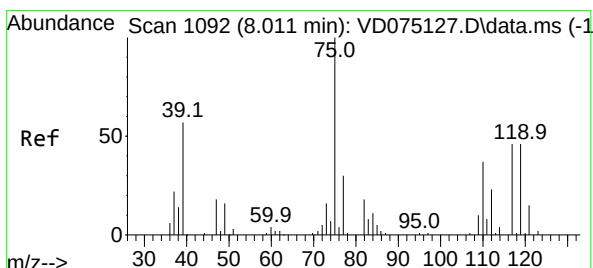
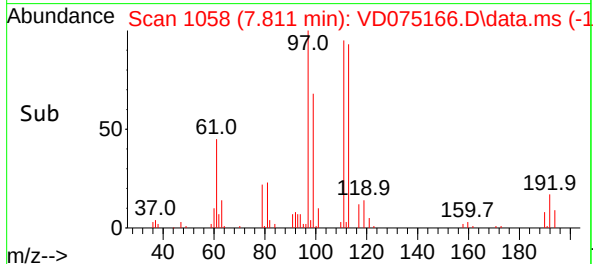
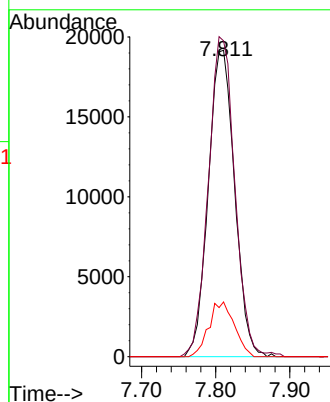
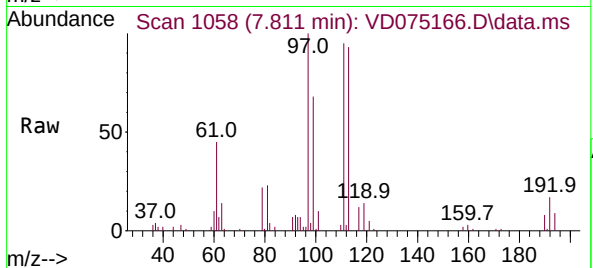
Tgt Ion:113 Resp: 47353

Ion Ratio Lower Upper

113 100

111 105.0 80.1 120.1

192 17.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 50.280 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

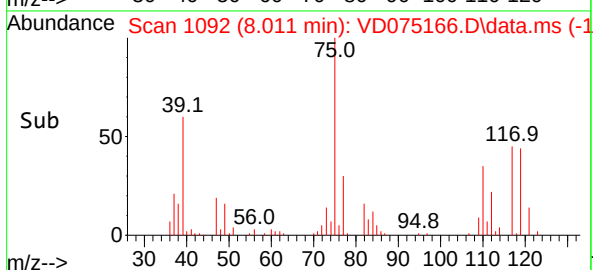
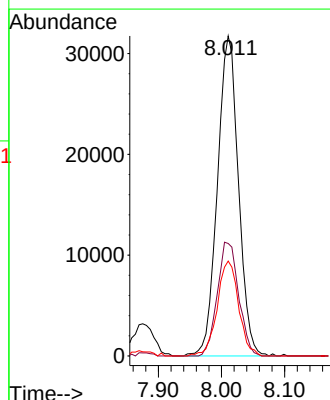
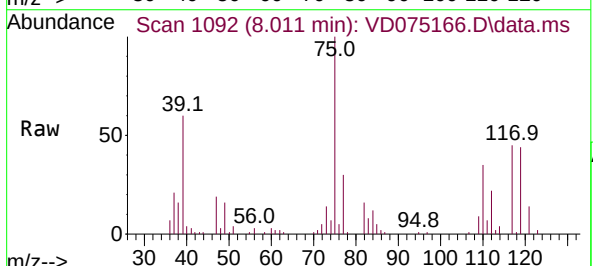
Tgt Ion: 75 Resp: 73348

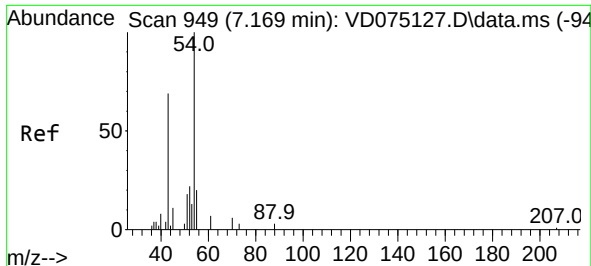
Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

77 30.2 25.1 37.7

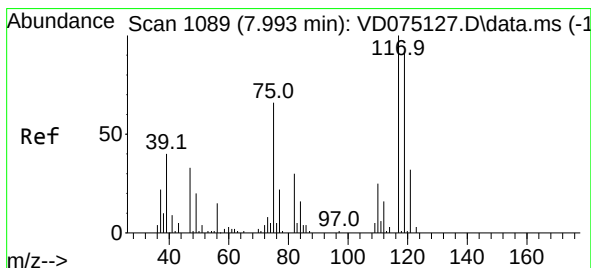
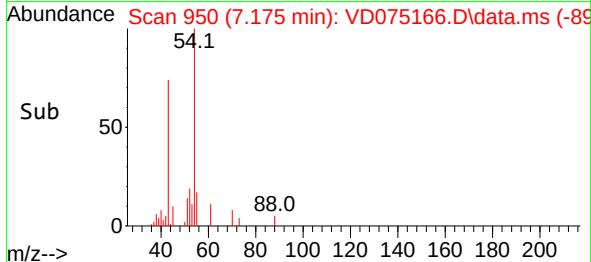
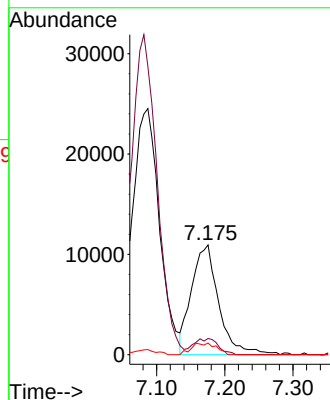
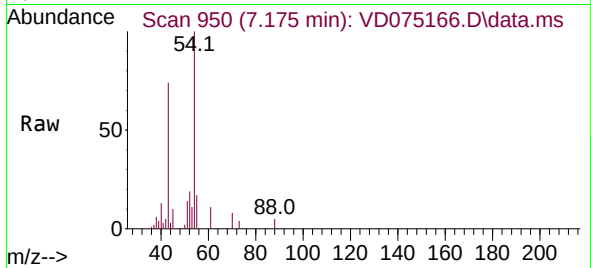




#37
Ethyl Acetate
Concen: 51.527 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

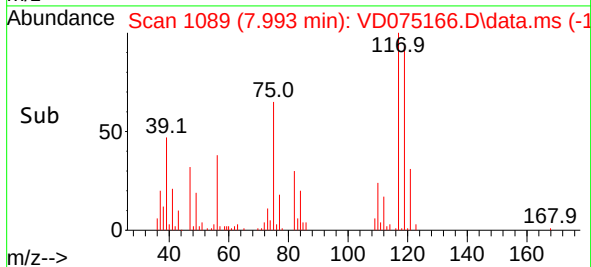
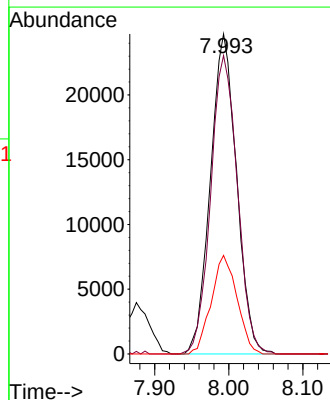
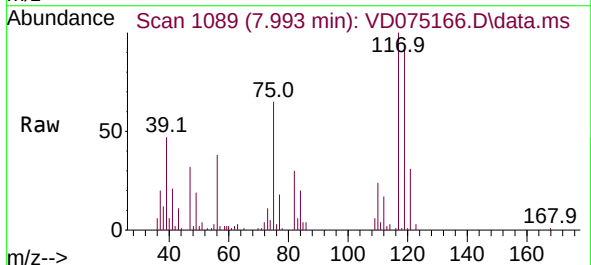
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

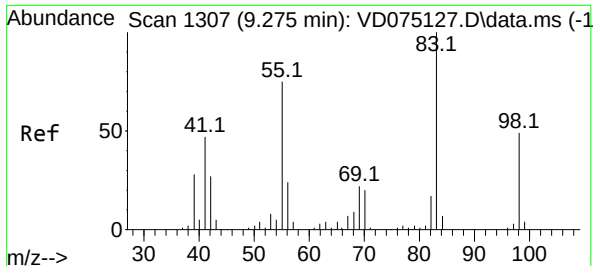
Tgt Ion: 43 Resp: 30283
Ion Ratio Lower Upper
43 100
61 13.5 11.7 17.5
70 9.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.406 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 117 Resp: 60683
Ion Ratio Lower Upper
117 100
119 93.2 73.6 110.4
121 30.8 25.4 38.0





#39

Methylcyclohexane

Concen: 49.366 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

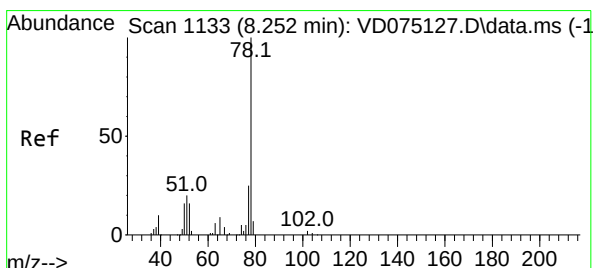
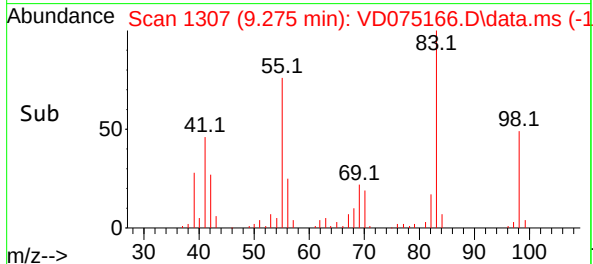
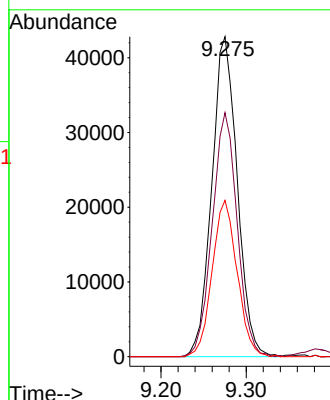
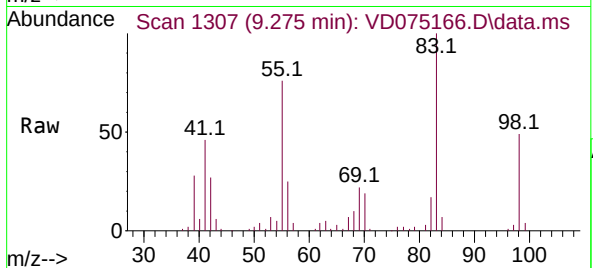
Tgt Ion: 83 Resp: 88746

Ion Ratio Lower Upper

83 100

55 76.3 60.0 90.0

98 48.8 39.0 58.4



#40

Benzene

Concen: 51.554 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075166.D

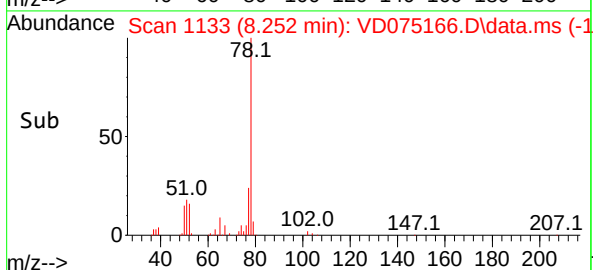
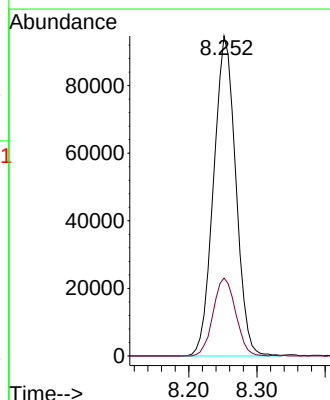
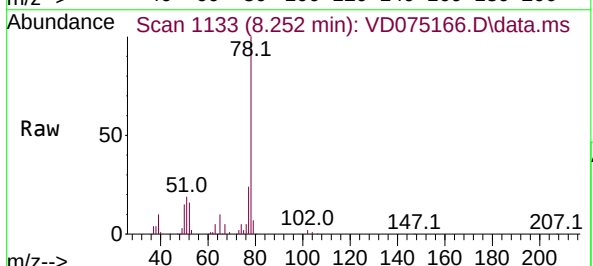
Acq: 20 Jan 2023 21:08

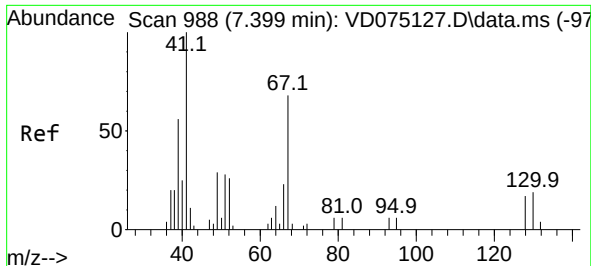
Tgt Ion: 78 Resp: 214474

Ion Ratio Lower Upper

78 100

77 24.3 19.8 29.6

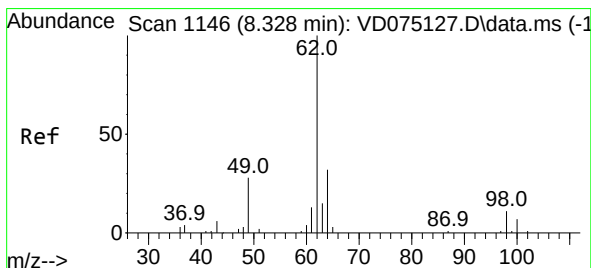
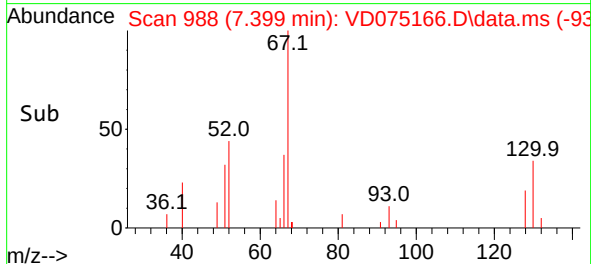
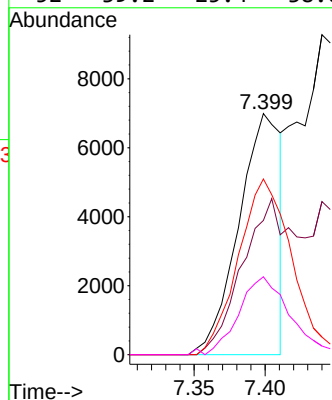
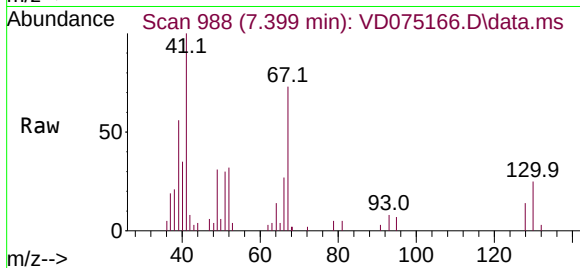




#41
Methacrylonitrile
Concen: 40.513 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

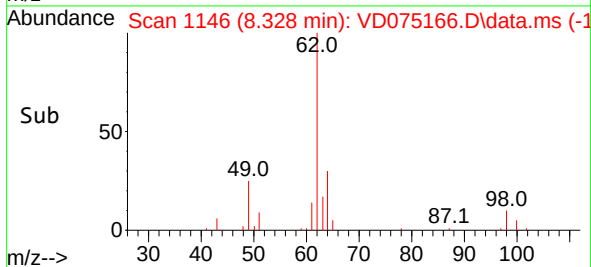
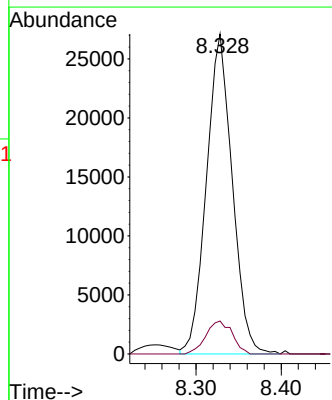
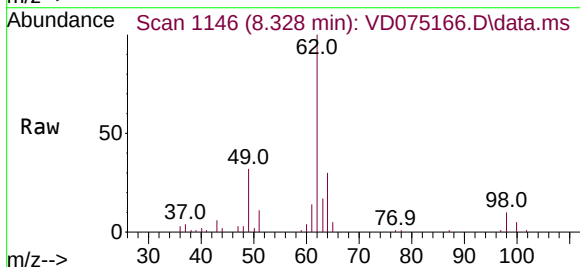
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

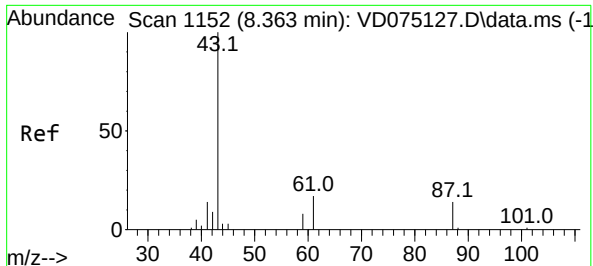
Tgt Ion:	41	Resp:	14327
Ion	Ratio	Lower	Upper
41	100		
39	84.5	57.8	86.6
67	92.8	60.5	90.7#
52	39.2	25.4	38.0#



#42
1,2-Dichloroethane
Concen: 52.356 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:	62	Resp:	57213
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 51.089 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

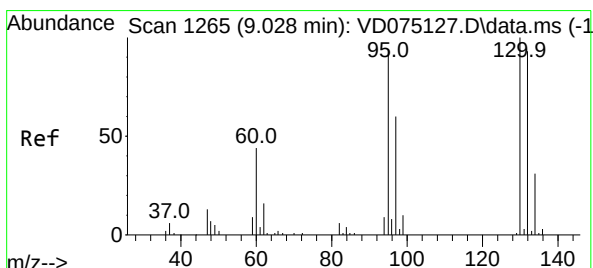
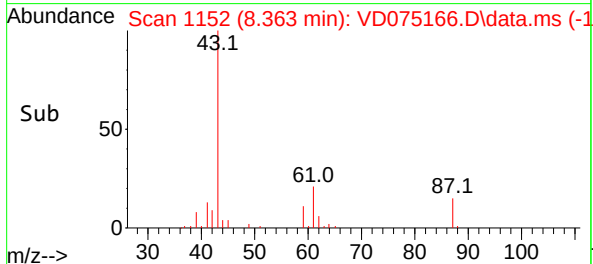
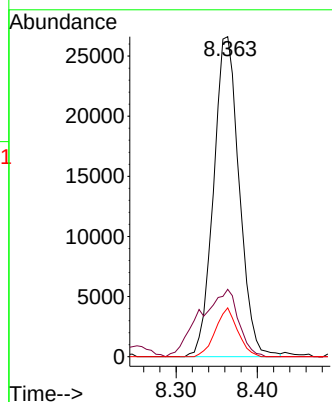
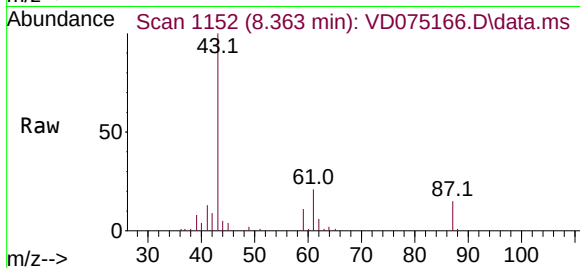
Tgt Ion: 43 Resp: 58430

Ion Ratio Lower Upper

43 100

61 31.5 25.0 37.6

87 13.2 10.6 16.0



#44

Trichloroethene

Concen: 48.999 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075166.D

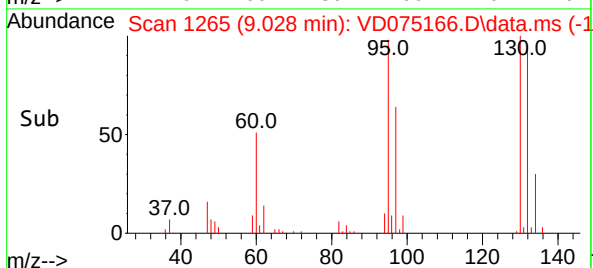
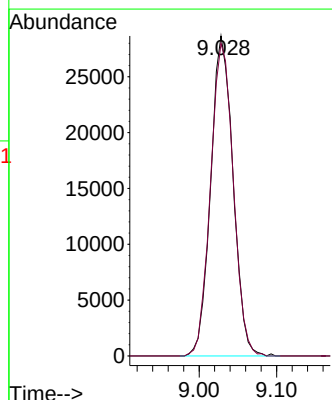
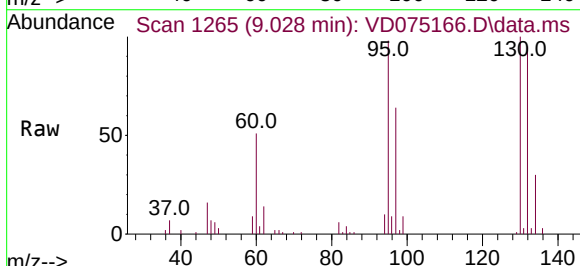
Acq: 20 Jan 2023 21:08

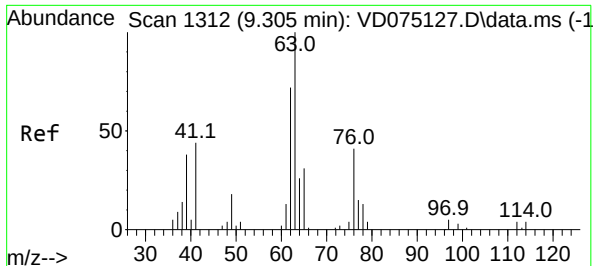
Tgt Ion:130 Resp: 57322

Ion Ratio Lower Upper

130 100

95 97.7 0.0 188.6





#45

1,2-Dichloropropane

Concen: 52.496 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

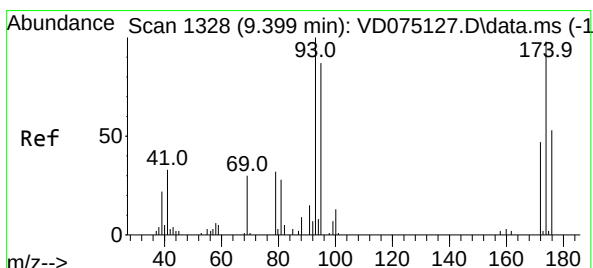
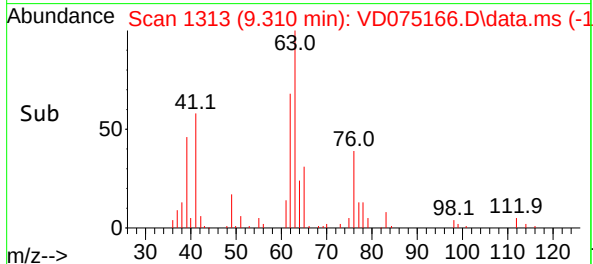
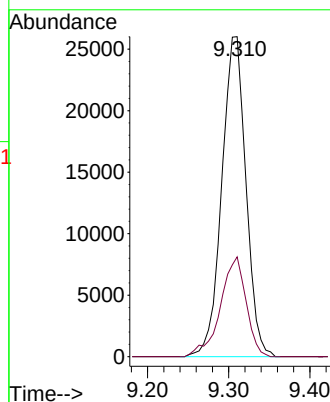
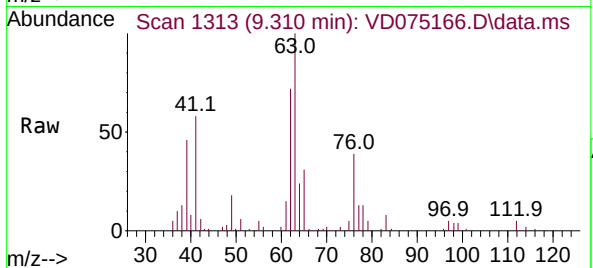
VSTDCCC050EC

Tgt Ion: 63 Resp: 53796

Ion Ratio Lower Upper

63 100

65 31.2 25.1 37.7



#46

Dibromomethane

Concen: 51.356 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

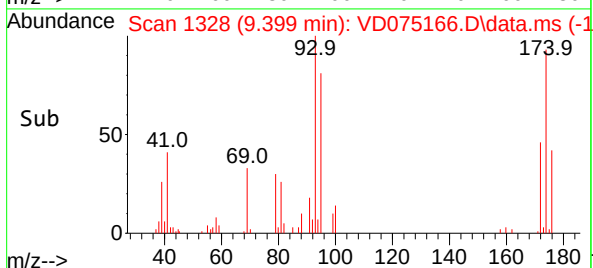
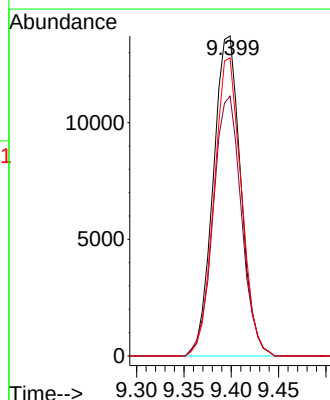
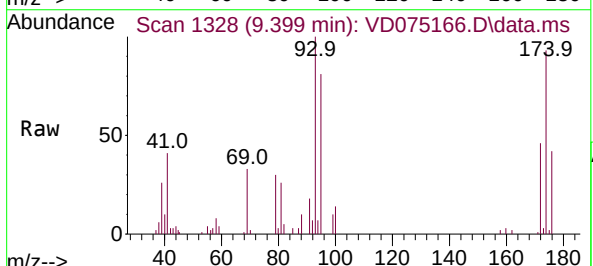
Tgt Ion: 93 Resp: 27755

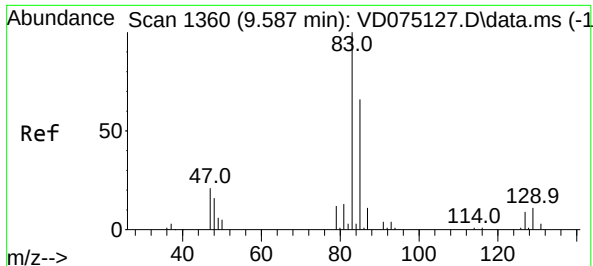
Ion Ratio Lower Upper

93 100

95 83.1 68.3 102.5

174 92.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.159 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

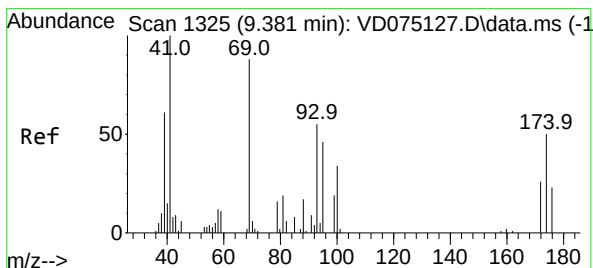
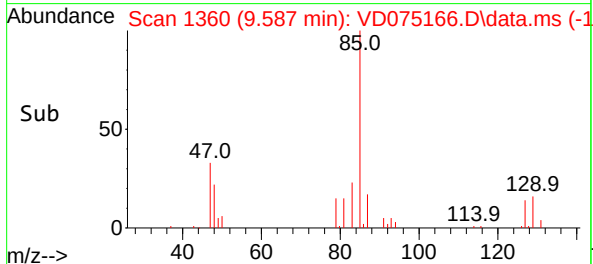
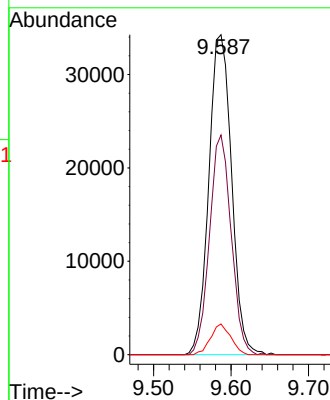
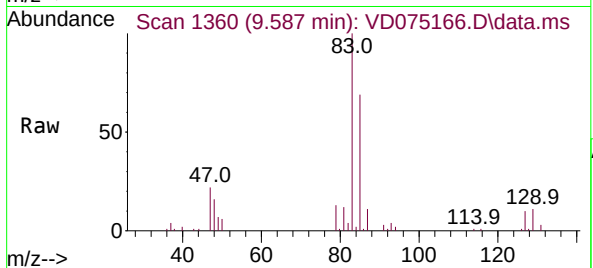
Tgt Ion: 83 Resp: 69935

Ion Ratio Lower Upper

83 100

85 68.6 53.0 79.4

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 53.139 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

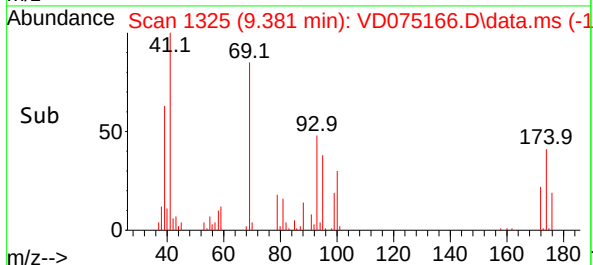
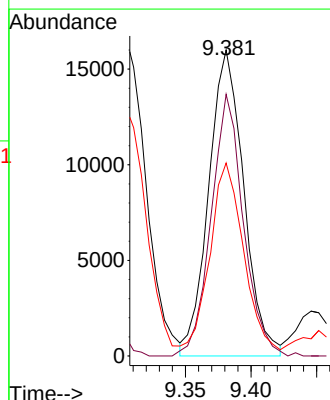
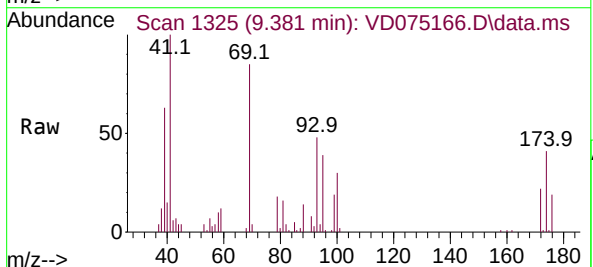
Tgt Ion: 41 Resp: 29719

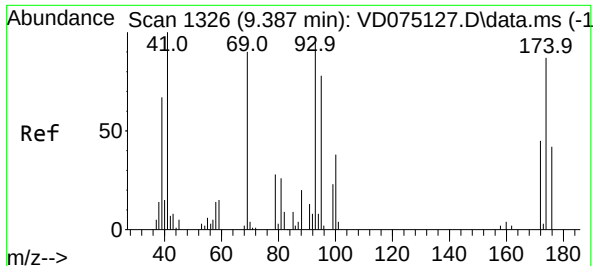
Ion Ratio Lower Upper

41 100

69 78.8 67.8 101.6

39 57.6 46.0 69.0





#49

1,4-Dioxane

Concen: 998.743 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

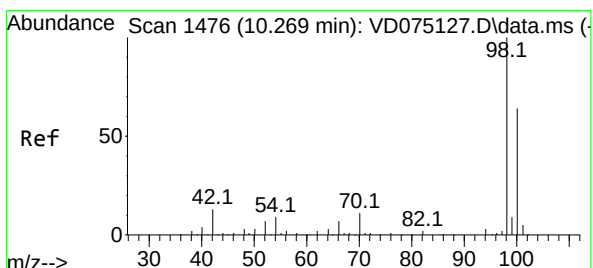
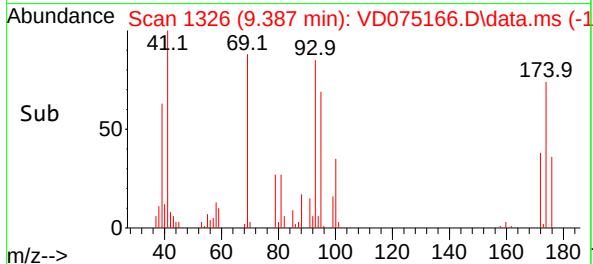
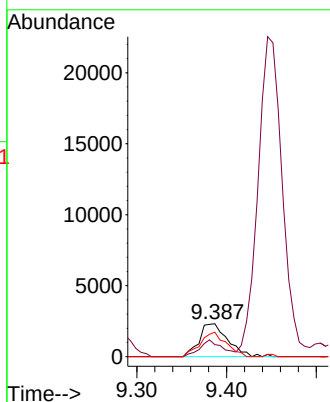
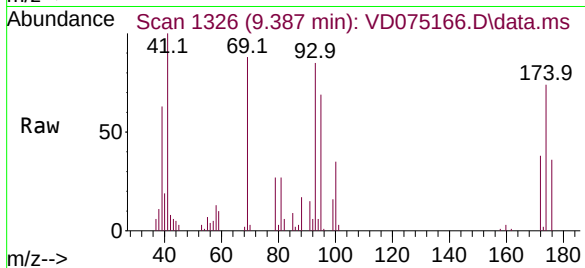
Tgt Ion: 88 Resp: 5153

Ion Ratio Lower Upper

88 100

43 40.7 35.6 53.4

58 67.2 57.4 86.2



#50

Toluene-d8

Concen: 52.028 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075166.D

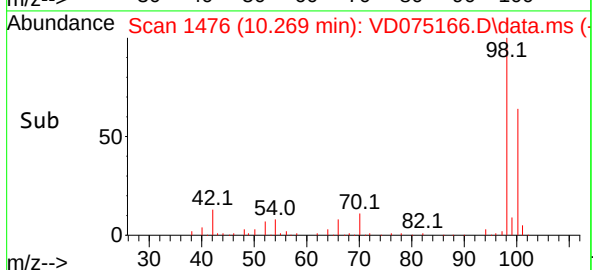
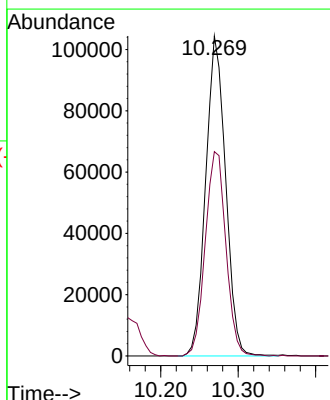
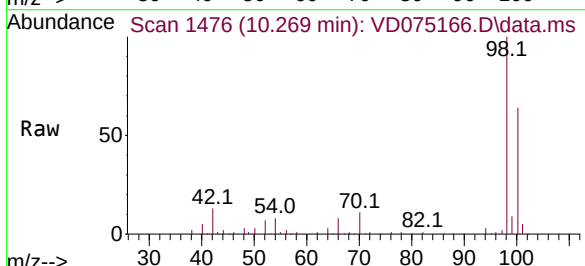
Acq: 20 Jan 2023 21:08

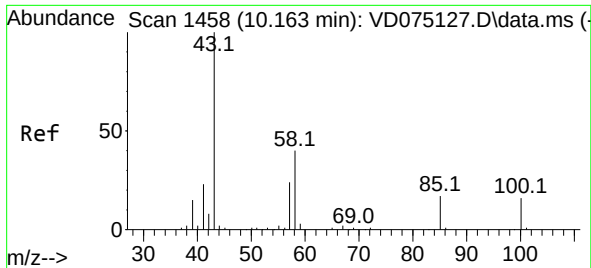
Tgt Ion: 98 Resp: 185993

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 263.732 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

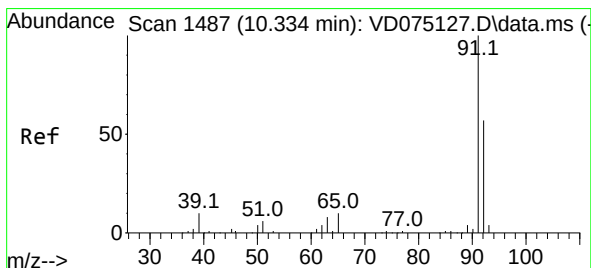
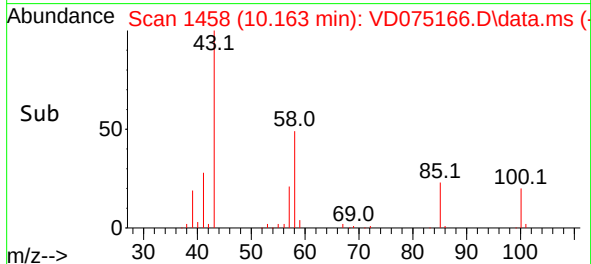
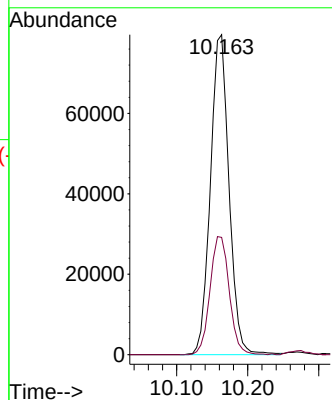
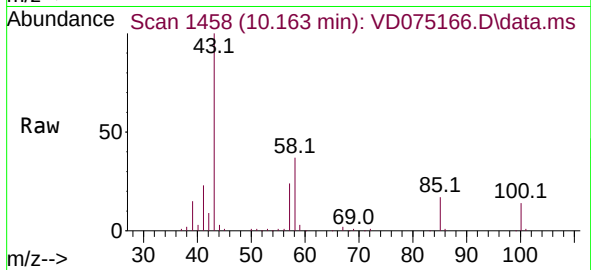
VSTDCCC050EC

Tgt Ion: 43 Resp: 144844

Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.0



#52

Toluene

Concen: 51.422 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075166.D

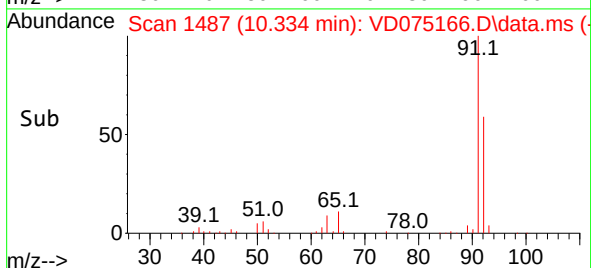
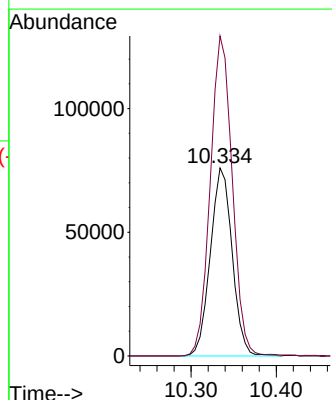
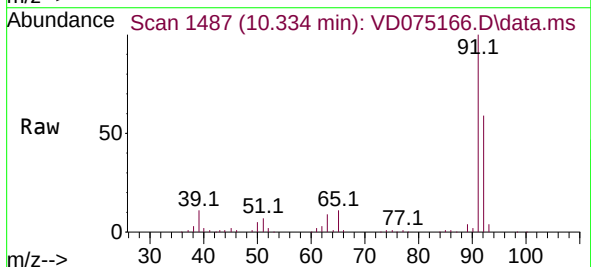
Acq: 20 Jan 2023 21:08

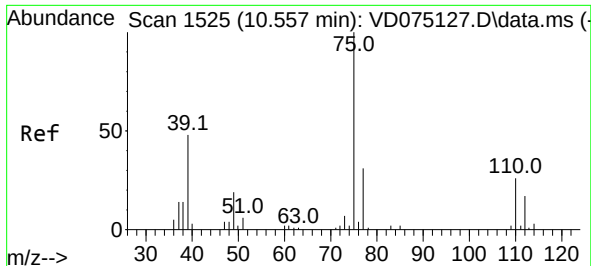
Tgt Ion: 92 Resp: 135188

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 50.761 ug/l

RT: 10.557 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

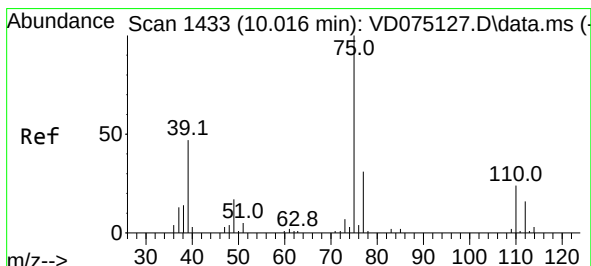
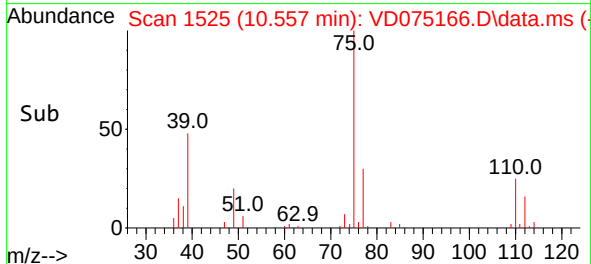
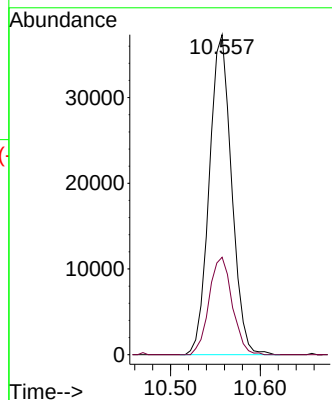
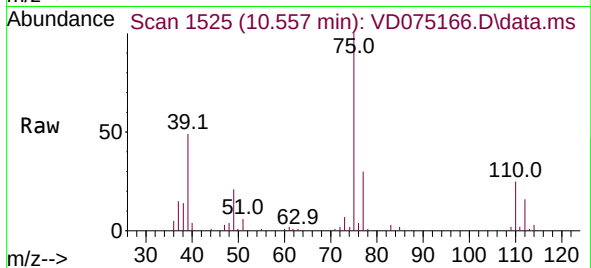
VSTDCCC050EC

Tgt Ion: 75 Resp: 64391

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.490 ug/l

RT: 10.022 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

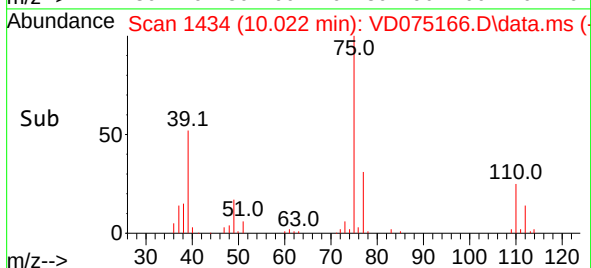
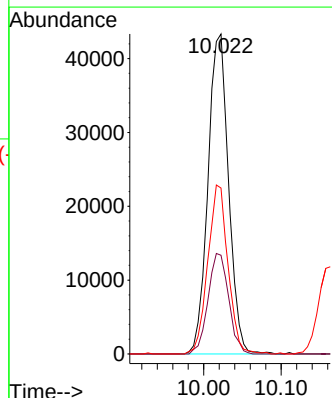
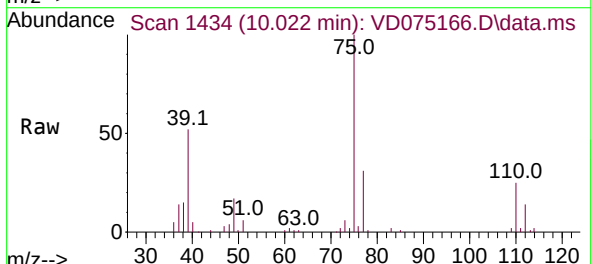
Tgt Ion: 75 Resp: 79798

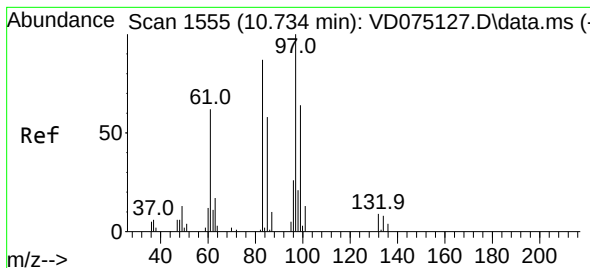
Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 51.8 37.9 56.9

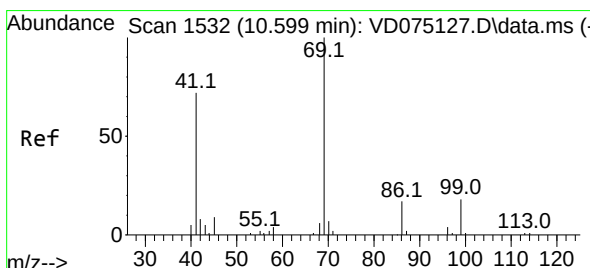
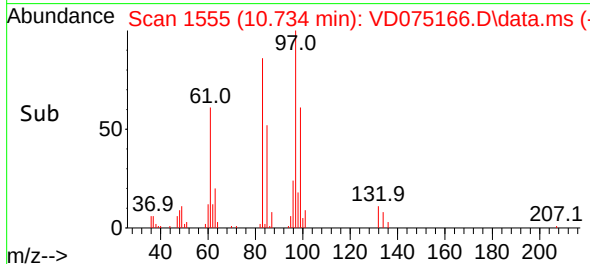
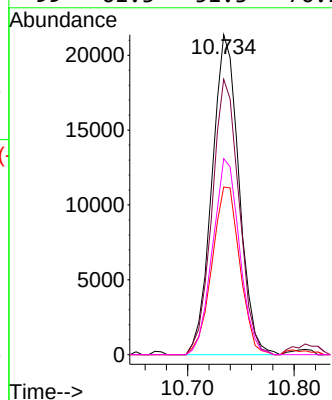
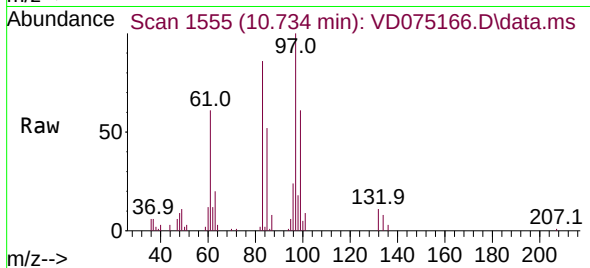




#55
 1,1,2-Trichloroethane
 Concen: 52.515 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

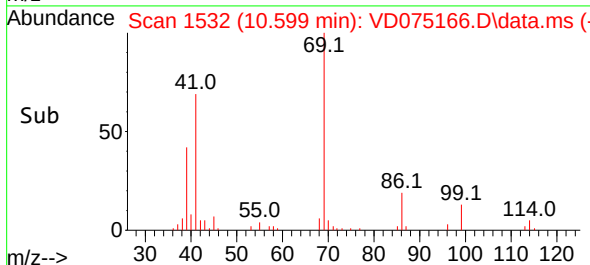
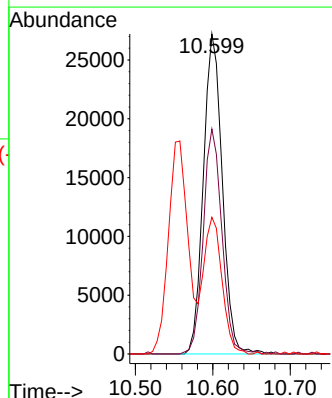
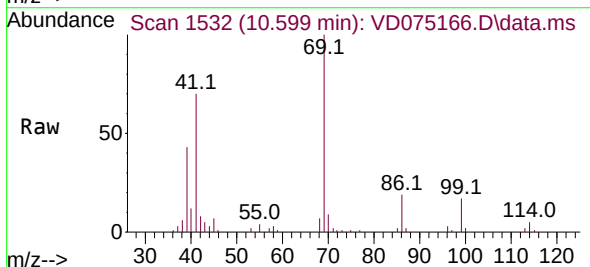
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

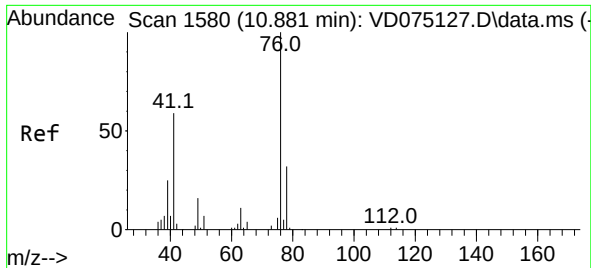
Tgt Ion:	97	Resp:	37560
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.4	104.0
85	52.4	46.0	69.0
99	61.3	51.3	76.9



#56
 Ethyl methacrylate
 Concen: 53.775 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Tgt Ion:	69	Resp:	46253
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.7	83.5
39	40.3	31.4	47.0

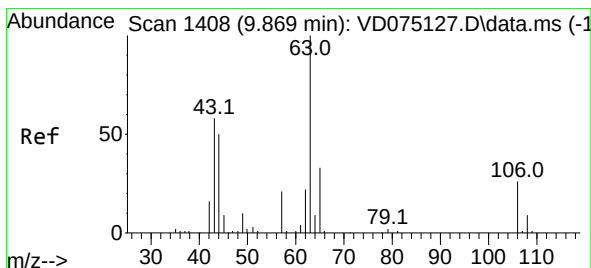
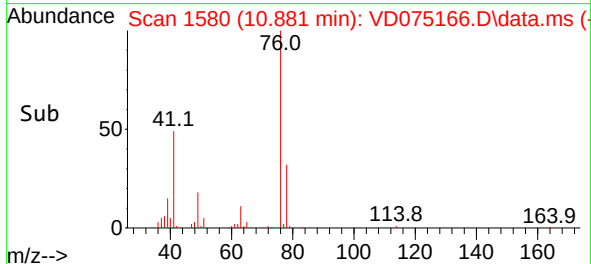
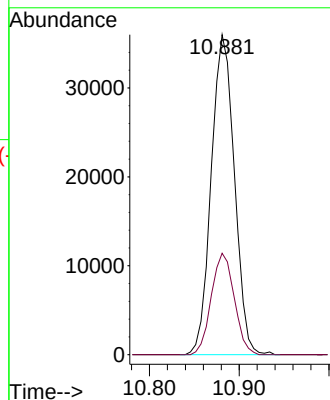
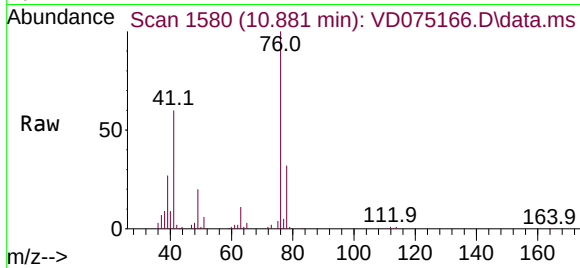




#57
1,3-Dichloropropane
Concen: 52.449 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

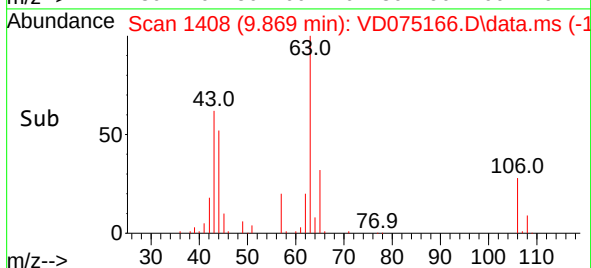
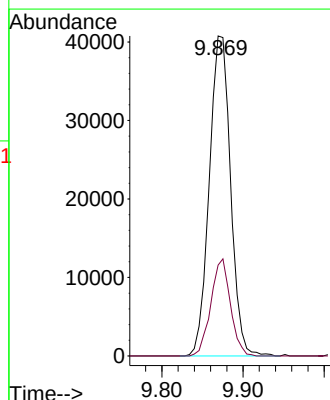
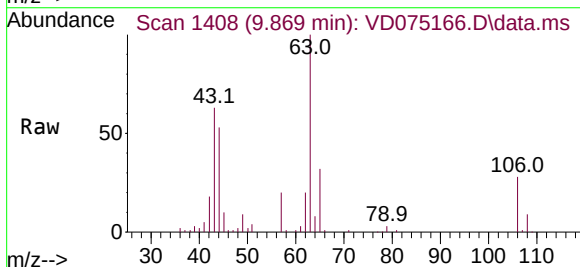
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

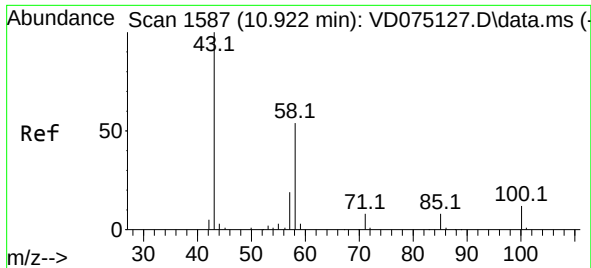
Tgt Ion: 76 Resp: 64460
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 252.260 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 63 Resp: 74245
Ion Ratio Lower Upper
63 100
106 27.9 22.6 33.8

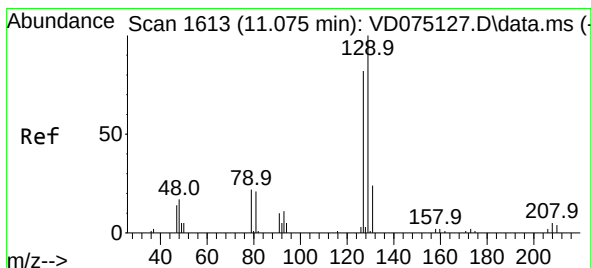
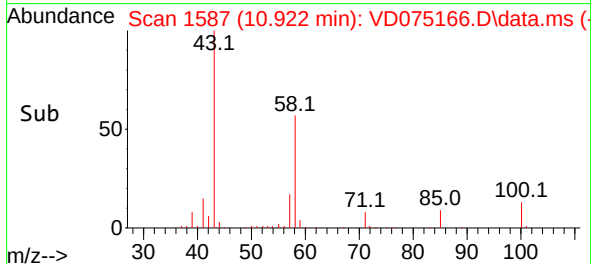
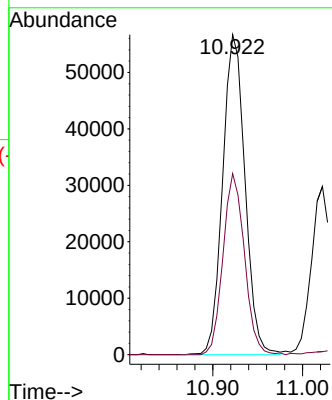
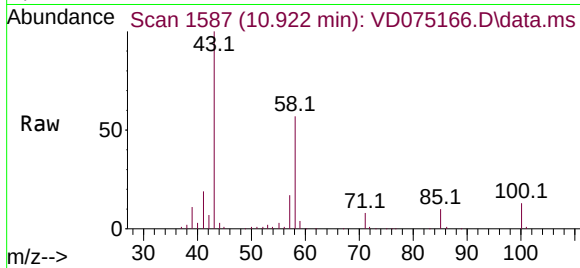




#59
2-Hexanone
Concen: 246.624 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

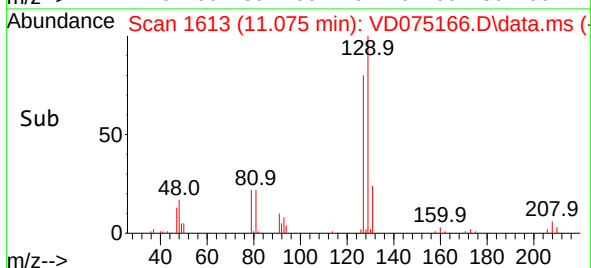
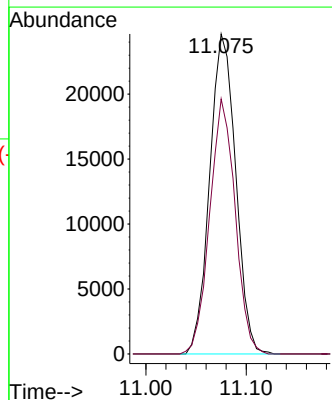
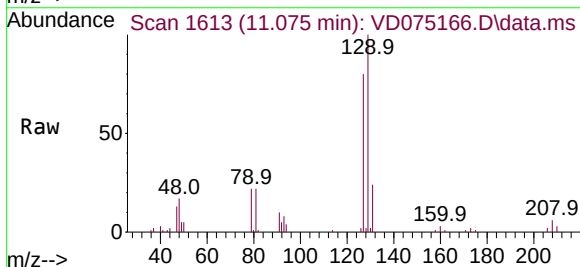
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

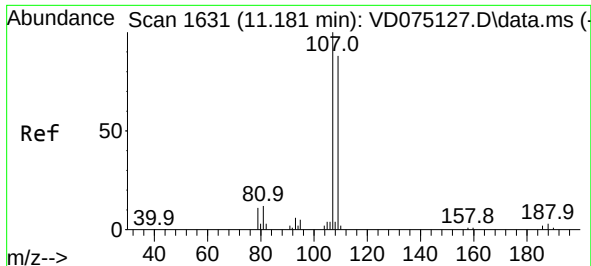
Tgt Ion: 43 Resp: 97937
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.4



#60
Dibromochloromethane
Concen: 51.505 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 129 Resp: 44401
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

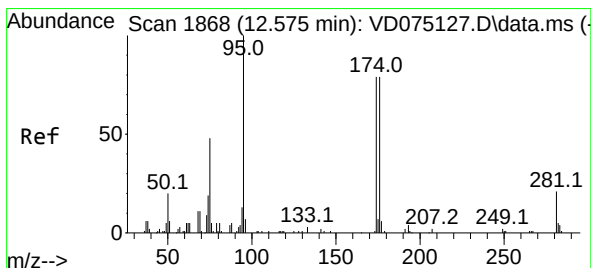
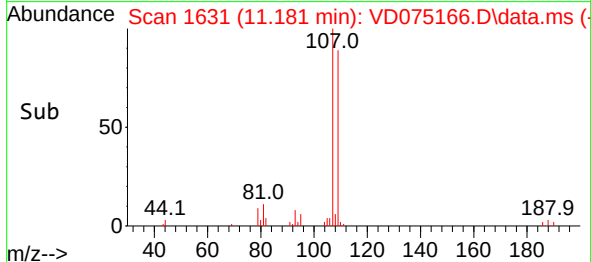
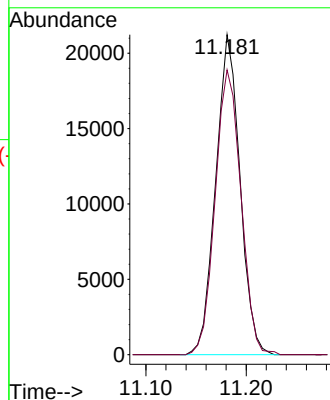
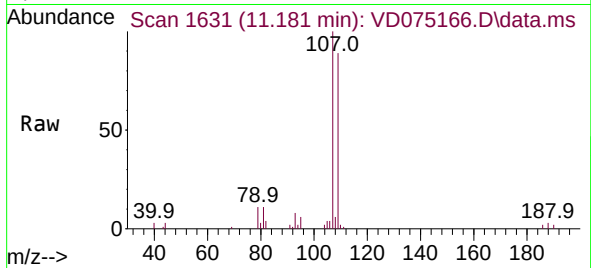




#61
1,2-Dibromoethane
Concen: 52.284 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

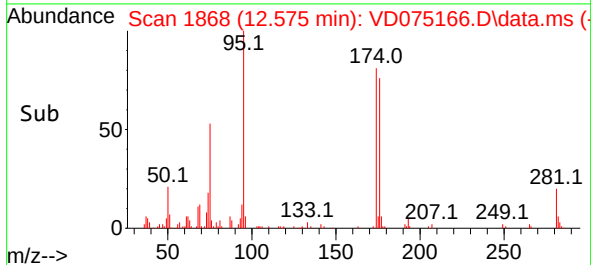
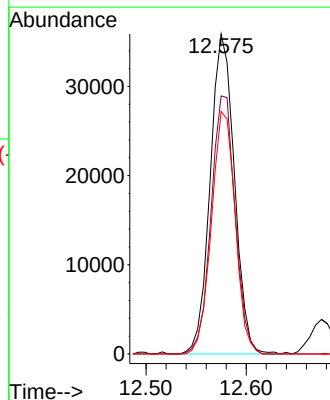
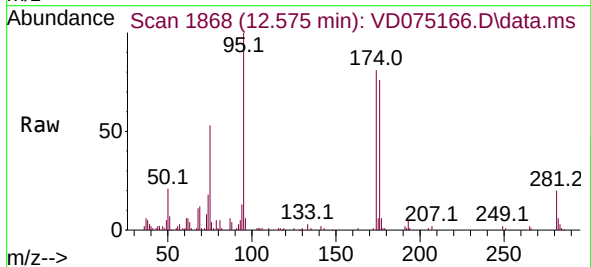
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

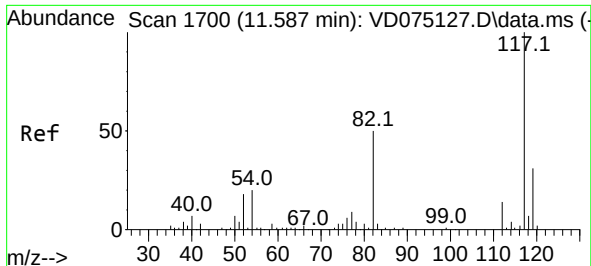
Tgt Ion:107 Resp: 35729
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 95 Resp: 60157
Ion Ratio Lower Upper
95 100
174 80.2 0.0 161.2
176 74.4 0.0 160.2

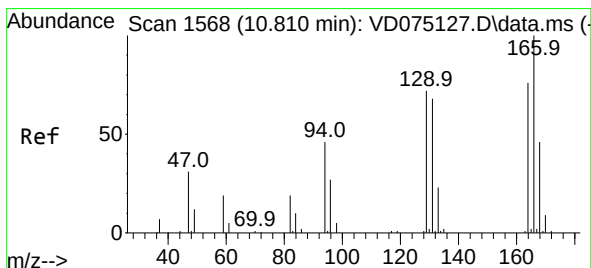
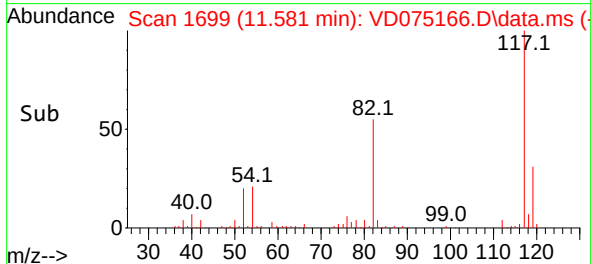
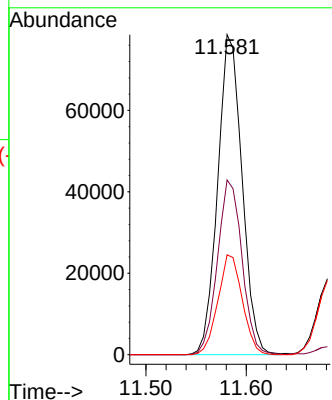
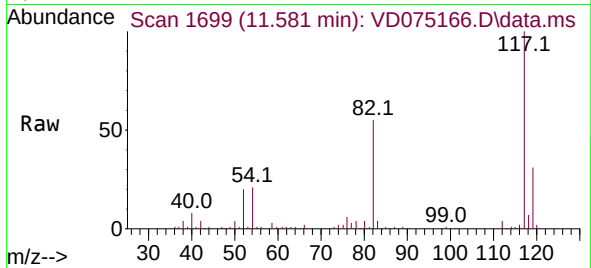




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

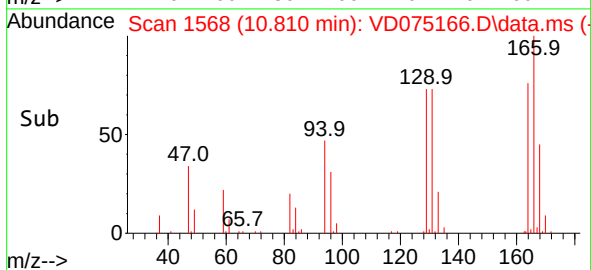
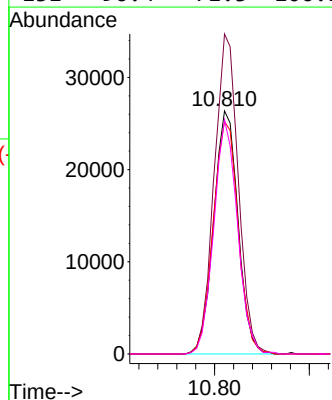
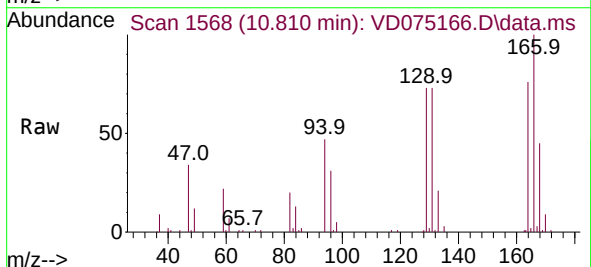
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

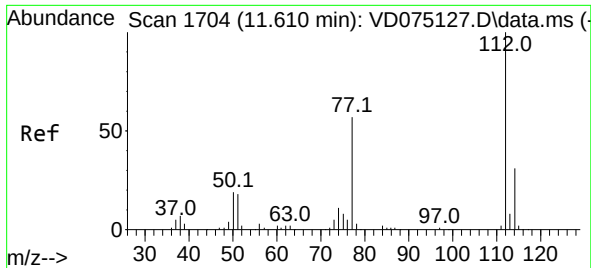
Tgt Ion:117 Resp: 132829
Ion Ratio Lower Upper
117 100
82 54.6 39.6 59.4
119 31.2 24.6 37.0



#64
Tetrachloroethene
Concen: 49.533 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:164 Resp: 46984
Ion Ratio Lower Upper
164 100
166 131.7 105.3 157.9
129 95.7 76.2 114.4
131 96.4 71.3 106.9

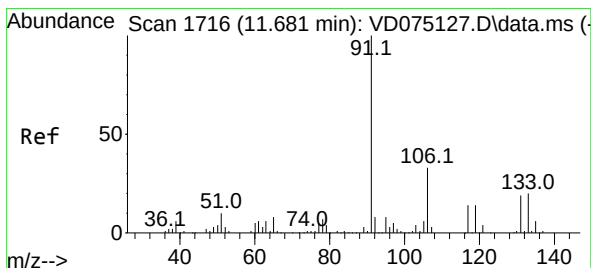
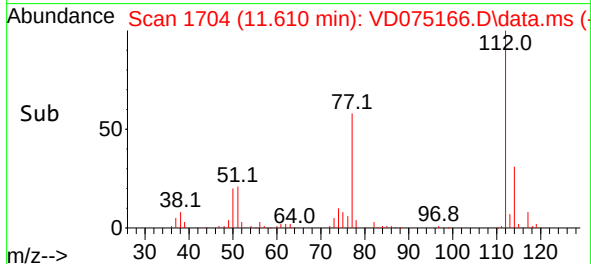
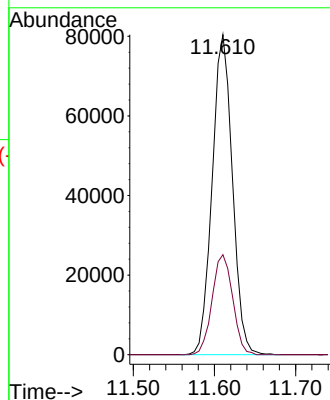
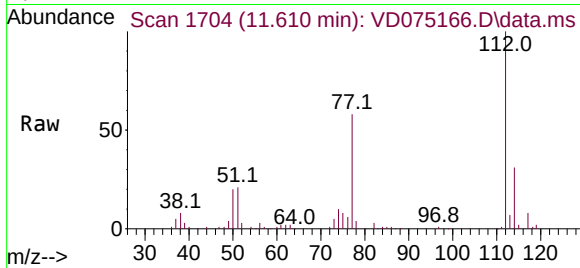




#65
Chlorobenzene
Concen: 51.171 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

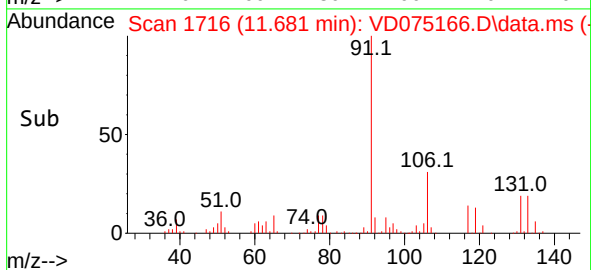
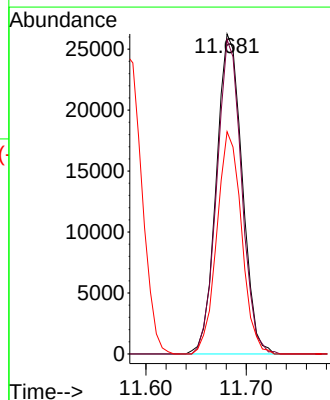
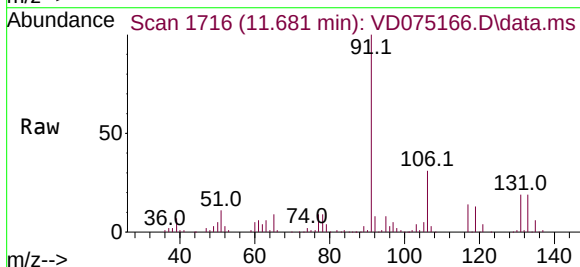
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

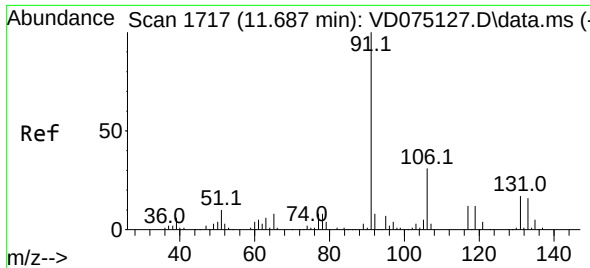
Tgt Ion:112 Resp: 139278
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.110 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:131 Resp: 46791
Ion Ratio Lower Upper
131 100
133 94.8 49.0 147.2
119 66.7 34.8 104.5

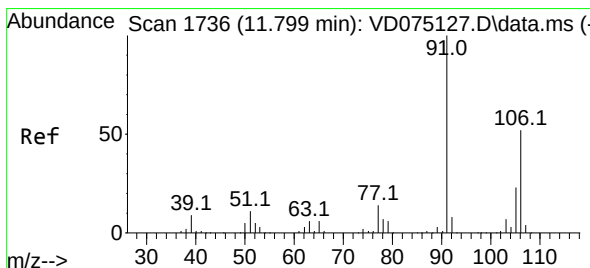
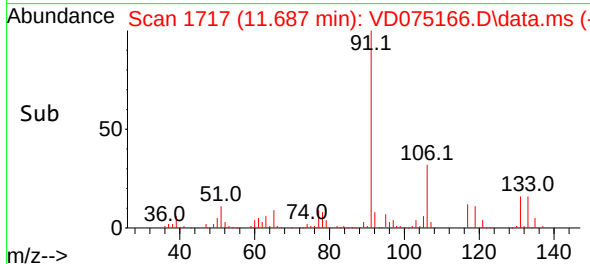
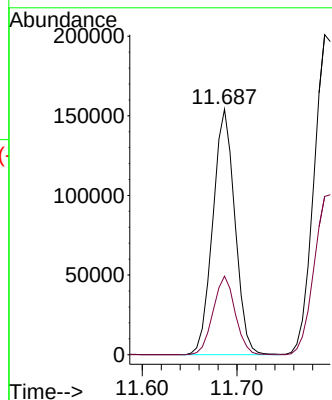
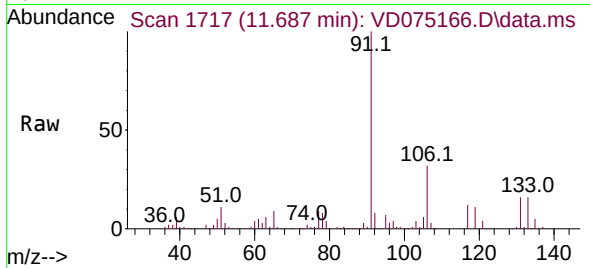




#67
Ethyl Benzene
Concen: 51.065 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

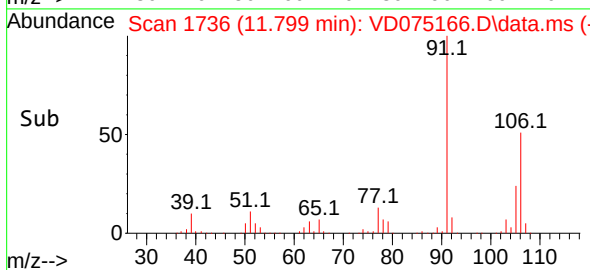
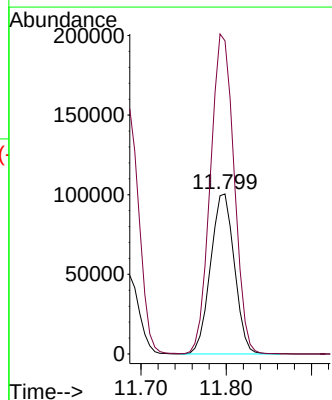
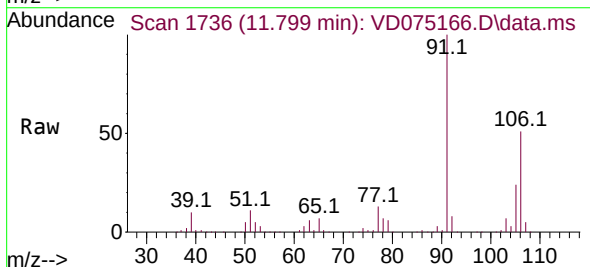
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

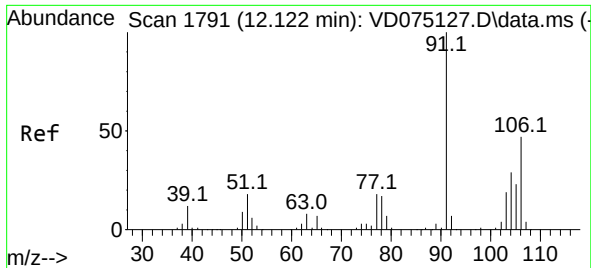
Tgt Ion: 91 Resp: 250188
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 103.044 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:106 Resp: 195025
Ion Ratio Lower Upper
106 100
91 199.4 160.3 240.5

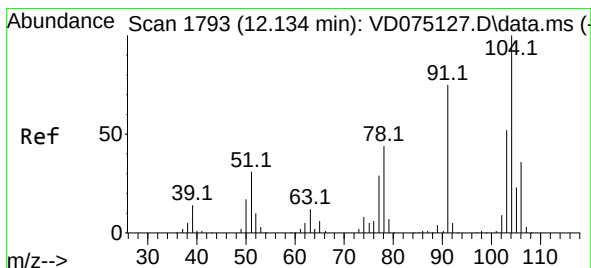
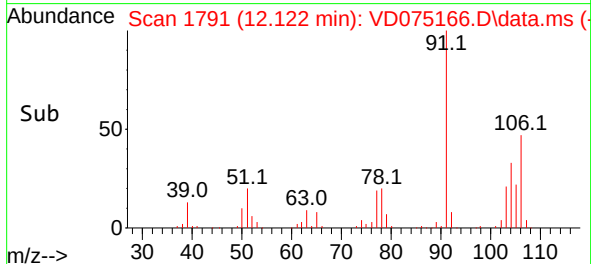
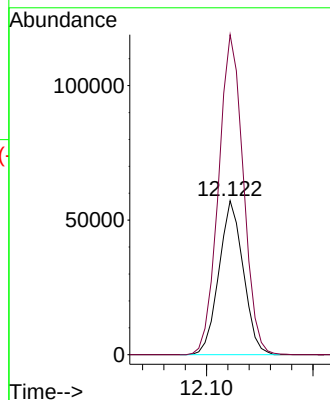
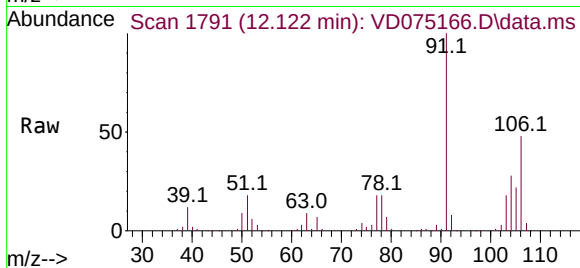




#69
o-Xylene
Concen: 51.137 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

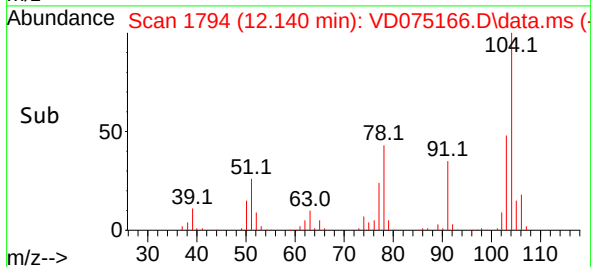
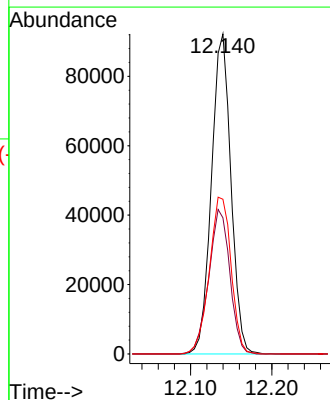
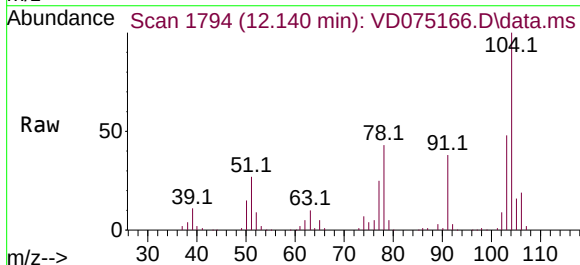
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

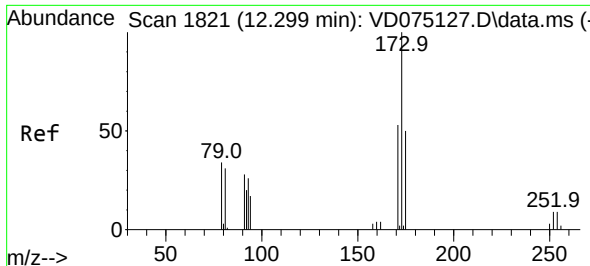
Tgt Ion:106 Resp: 90785
Ion Ratio Lower Upper
106 100
91 211.8 103.6 310.9



#70
Styrene
Concen: 52.054 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:104 Resp: 153626
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 54.8 43.6 65.4

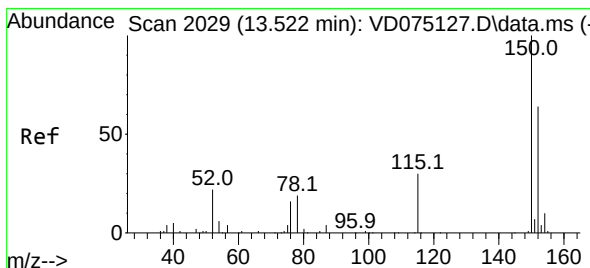
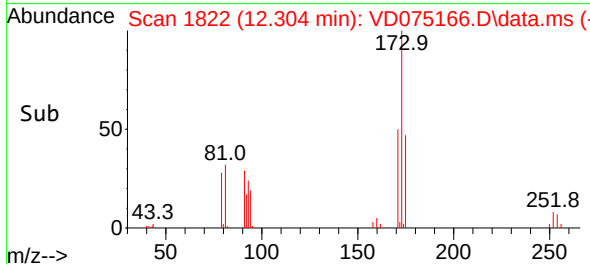
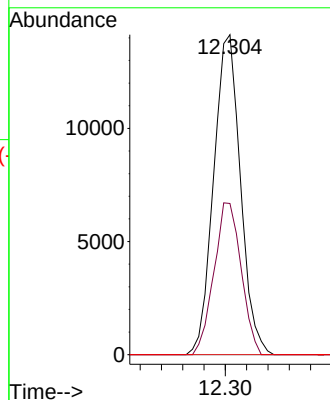
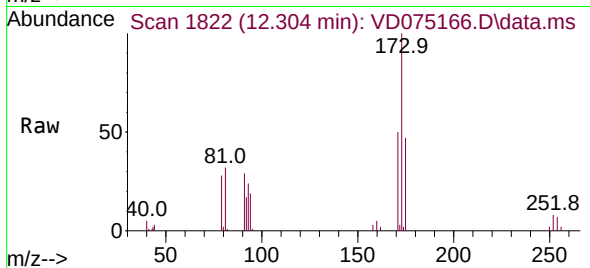




#71
Bromoform
Concen: 52.256 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

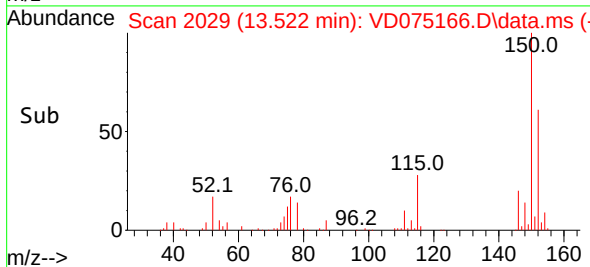
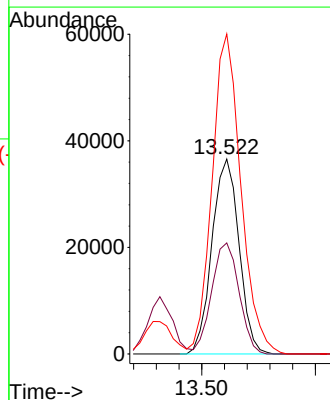
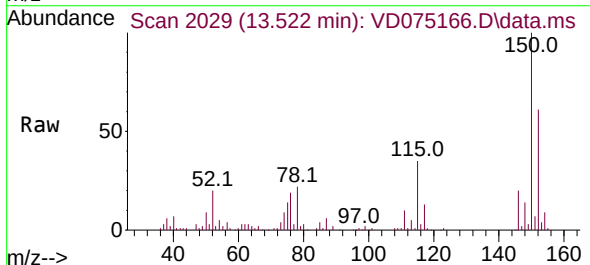
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

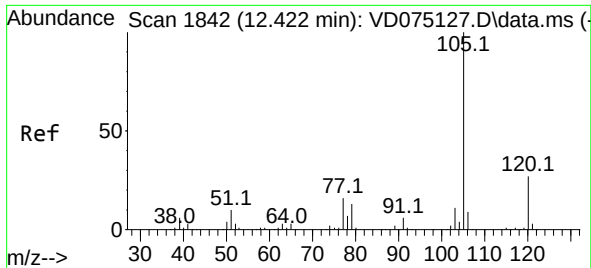
Tgt Ion:173 Resp: 24703
Ion Ratio Lower Upper
173 100
175 48.0 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:152 Resp: 60435
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.4
150 174.9 0.0 348.6

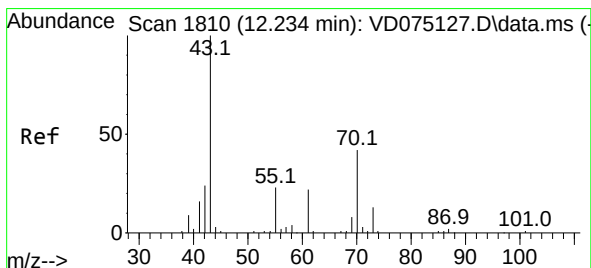
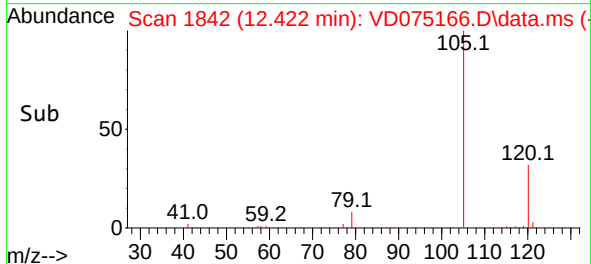
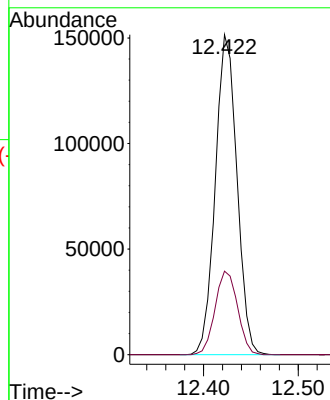
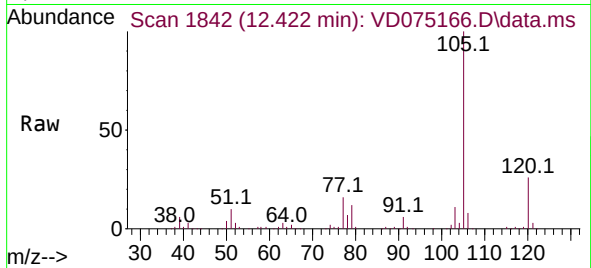




#73
Isopropylbenzene
Concen: 50.336 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

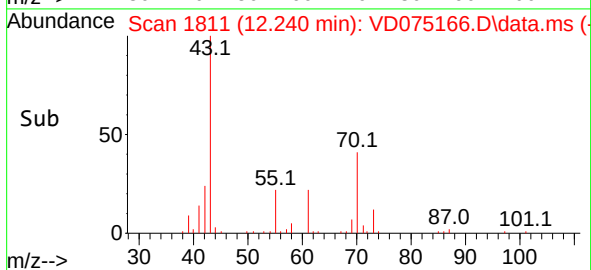
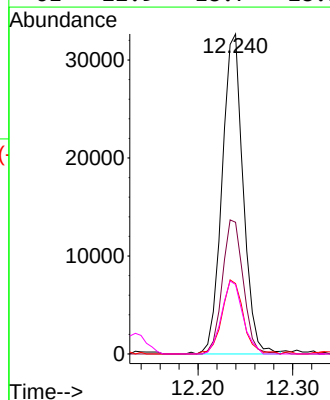
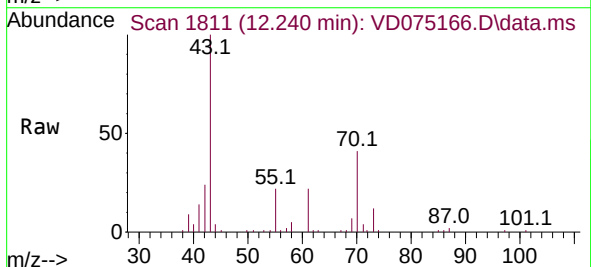
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

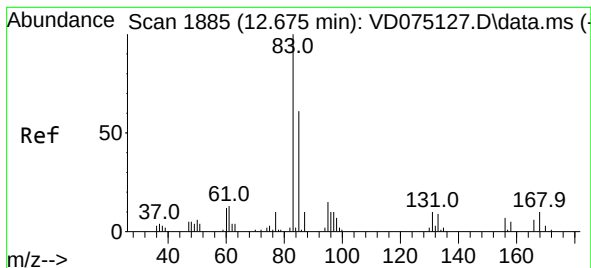
Tgt Ion:105 Resp: 240288
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.1



#74
N-ethyl acetate
Concen: 48.263 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 43 Resp: 50469
Ion Ratio Lower Upper
43 100
70 41.6 32.6 49.0
55 23.3 17.8 26.8
61 22.9 18.7 28.1

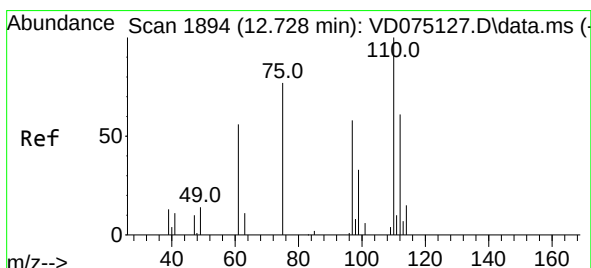
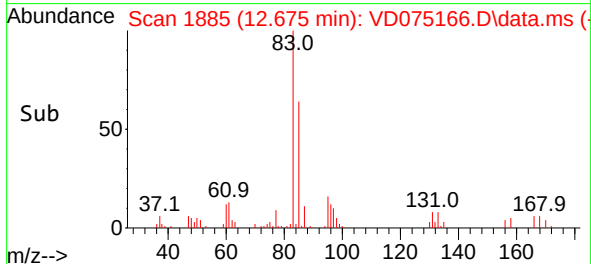
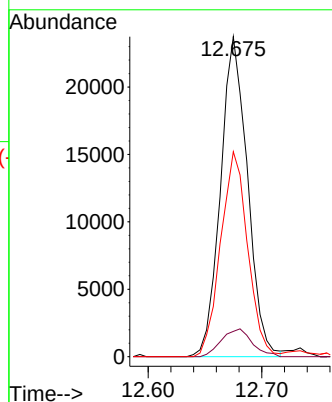
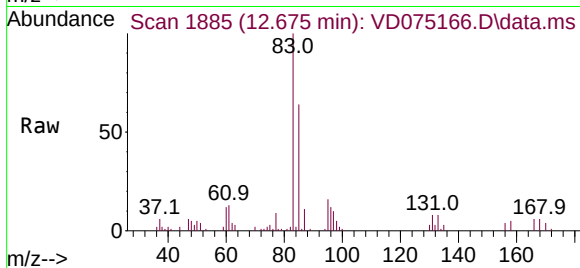




#75
1,1,2,2-Tetrachloroethane
Concen: 51.435 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

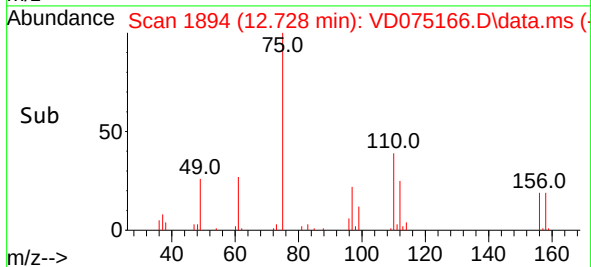
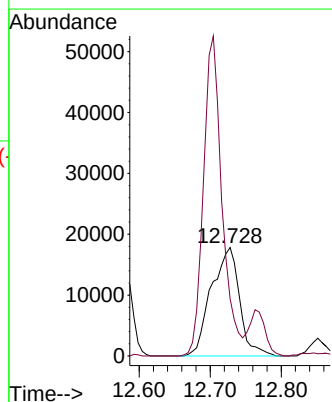
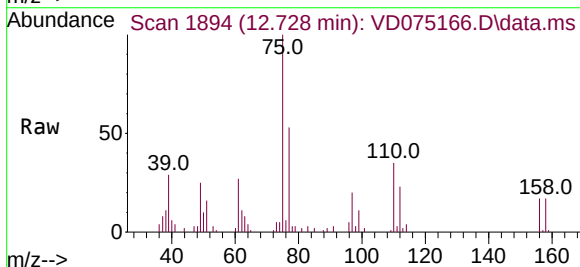
Instrument :
MSVOA_D
ClientSampleId :
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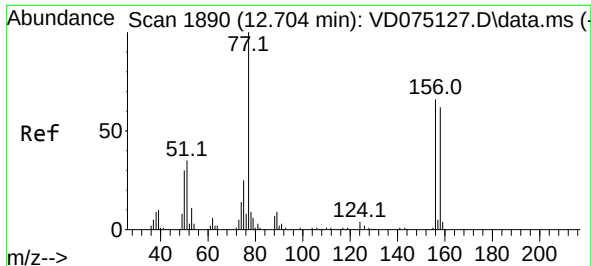
Tgt Ion: 83 Resp: 39121
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 96.126 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 75 Resp: 49201
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

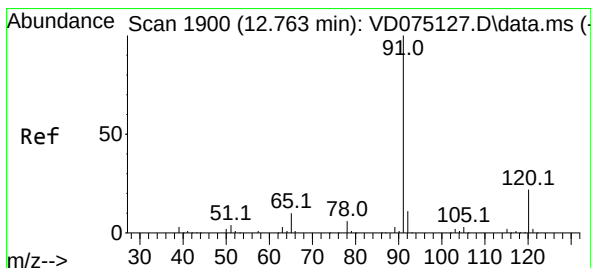
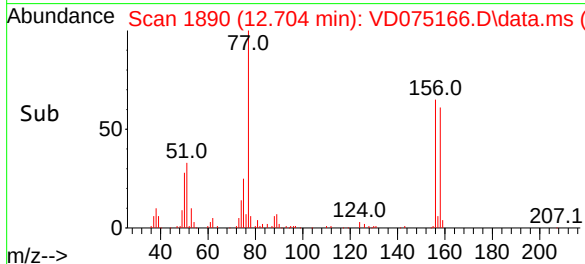
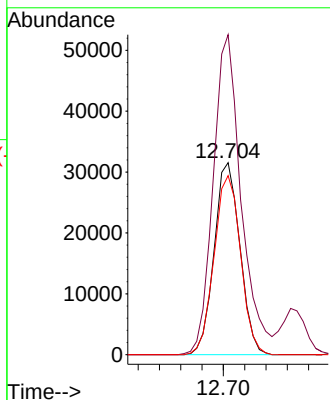
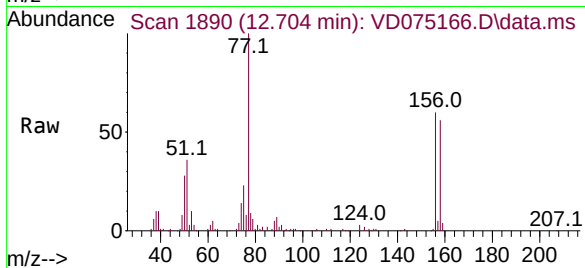




#77
Bromobenzene
Concen: 48.513 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

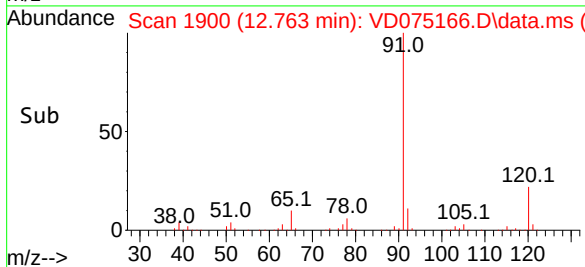
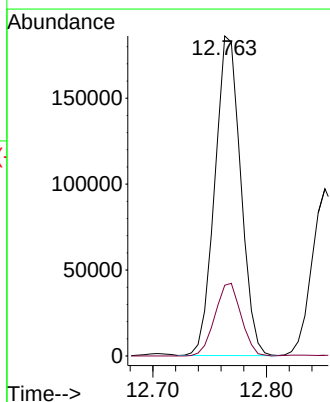
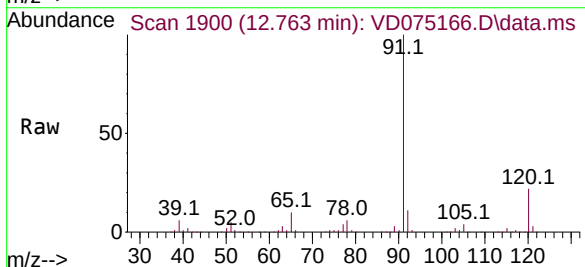
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

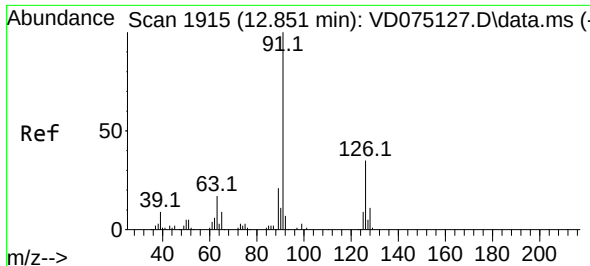
Tgt Ion:156 Resp: 52897
Ion Ratio Lower Upper
156 100
77 181.1 85.6 256.8
158 96.0 47.3 141.9



#78
n-propylbenzene
Concen: 50.138 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 91 Resp: 294112
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0

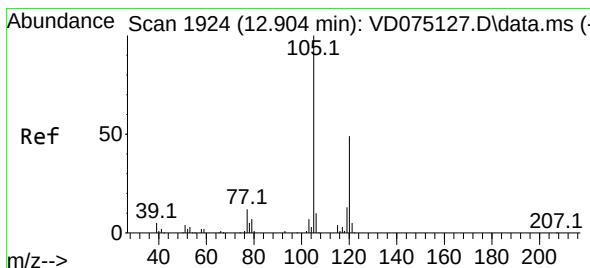
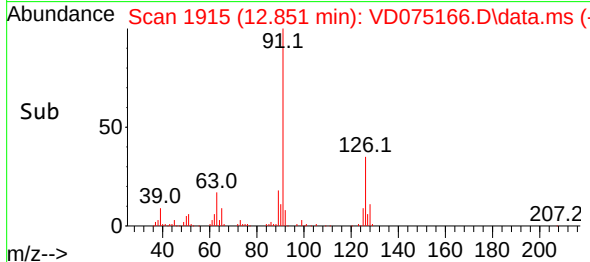
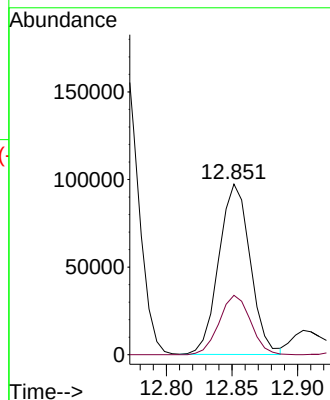
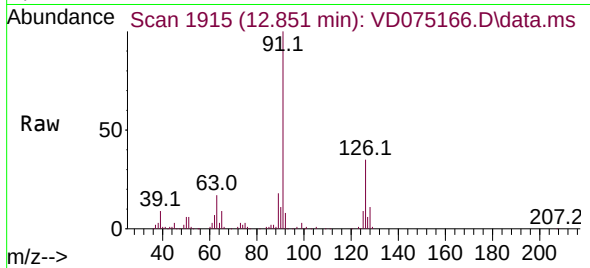




#79
2-Chlorotoluene
Concen: 50.155 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

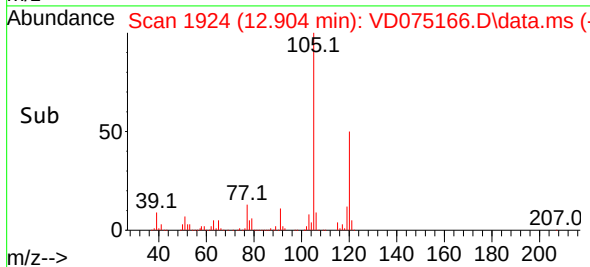
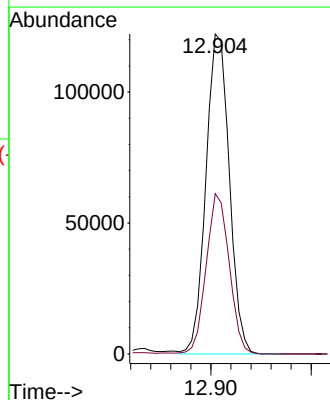
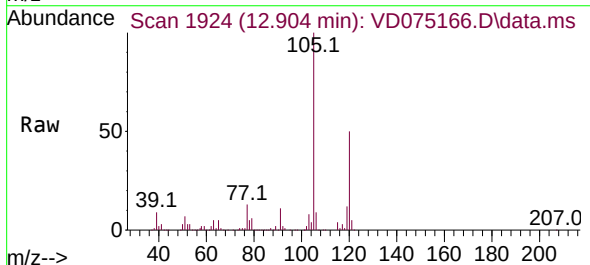
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

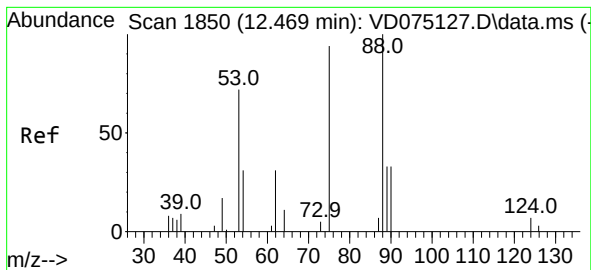
Tgt Ion: 91 Resp: 161814
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.671 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 105 Resp: 198180
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

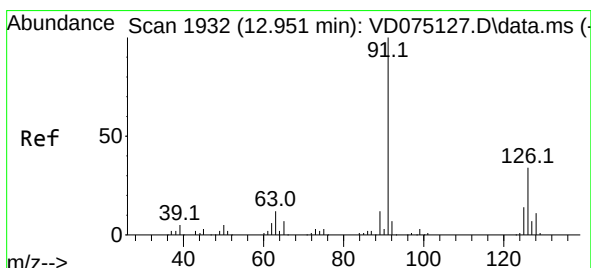
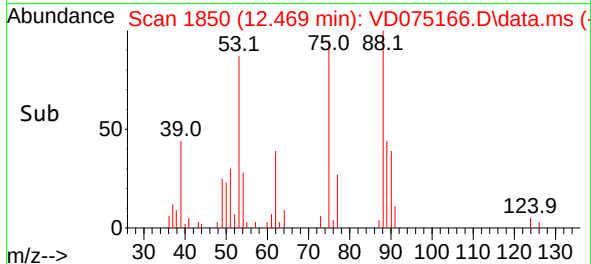
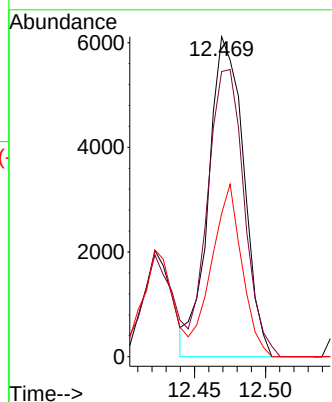
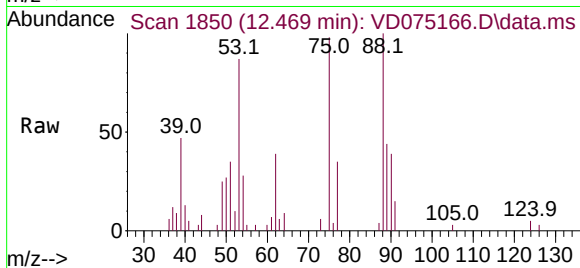




#81
trans-1,4-Dichloro-2-butene
Concen: 47.648 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

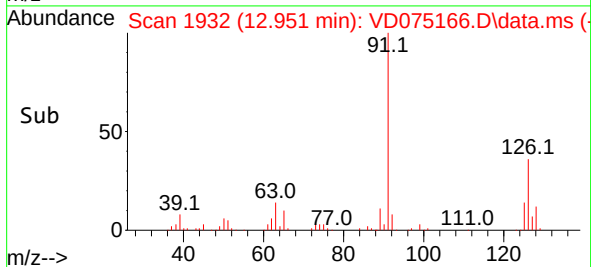
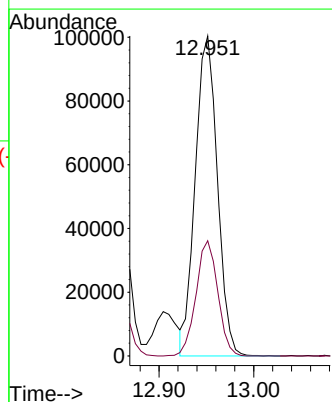
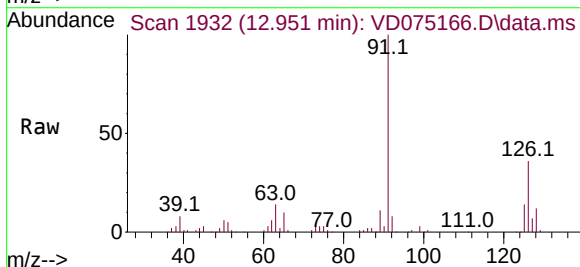
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

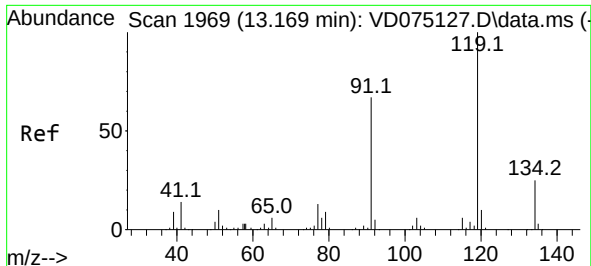
Tgt Ion: 75 Resp: 10514
Ion Ratio Lower Upper
75 100
53 92.1 70.5 105.7
89 46.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 49.136 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 91 Resp: 162990
Ion Ratio Lower Upper
91 100
126 35.5 17.3 52.0

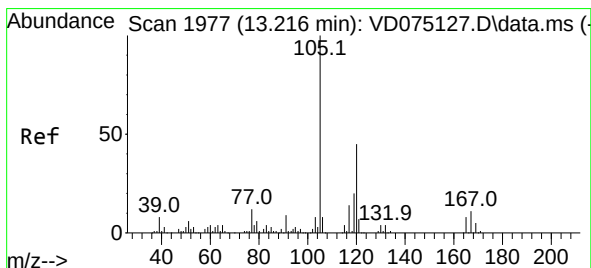
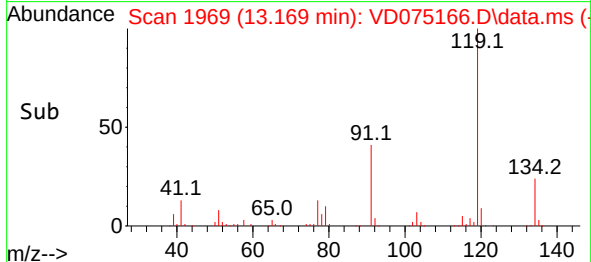
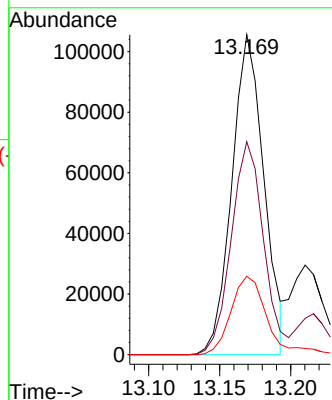
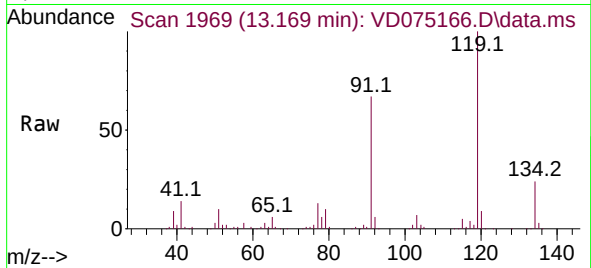




#83
tert-Butylbenzene
Concen: 49.041 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

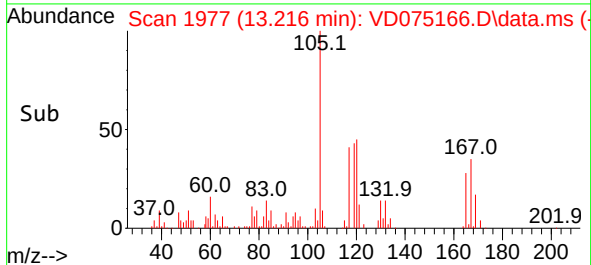
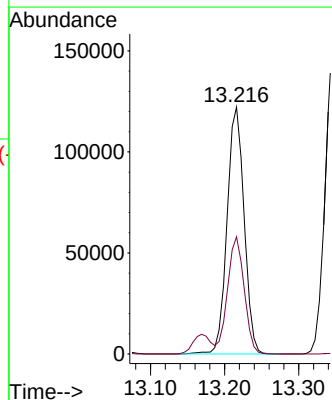
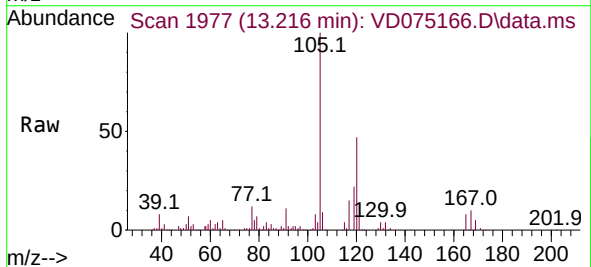
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

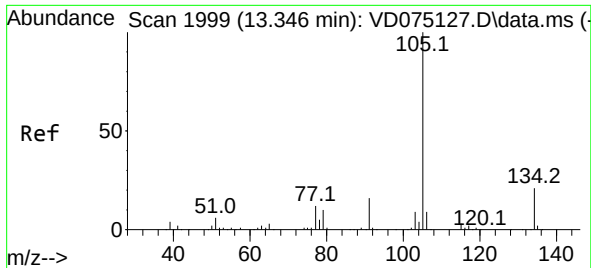
Tgt Ion:119 Resp: 165959
Ion Ratio Lower Upper
119 100
91 67.4 32.9 98.6
134 27.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.743 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:105 Resp: 194904
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.5

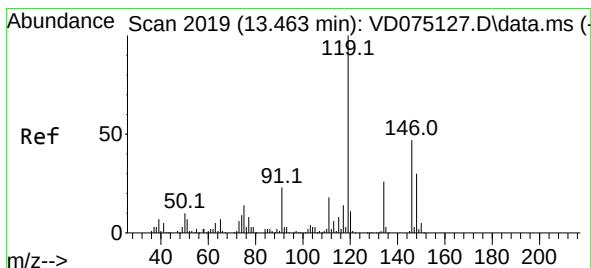
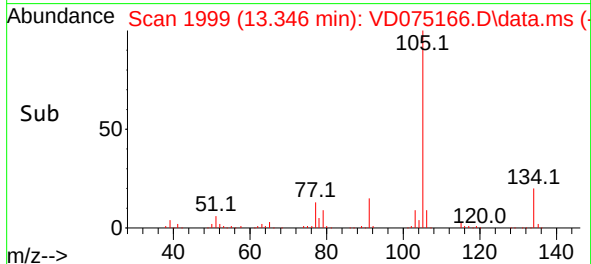
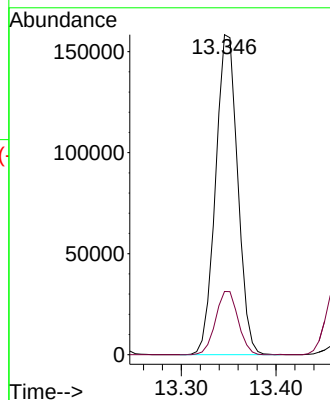
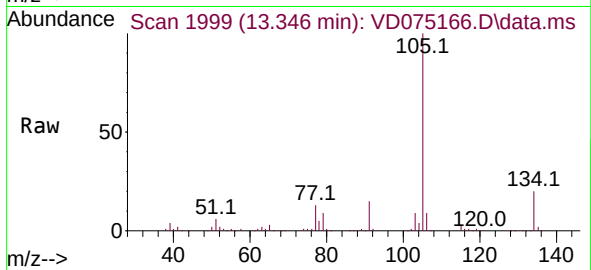




#85
 sec-Butylbenzene
 Concen: 49.943 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

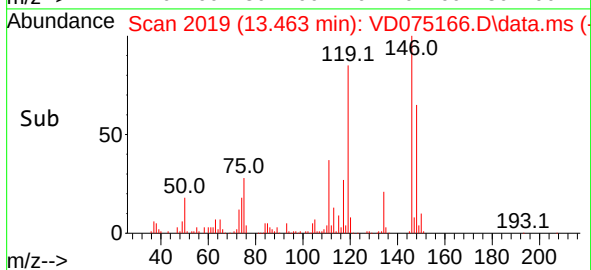
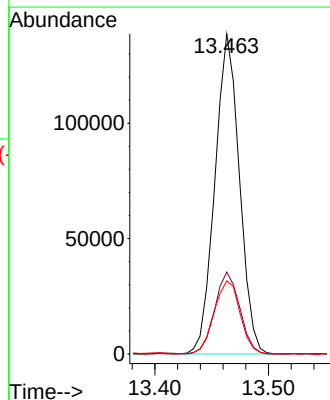
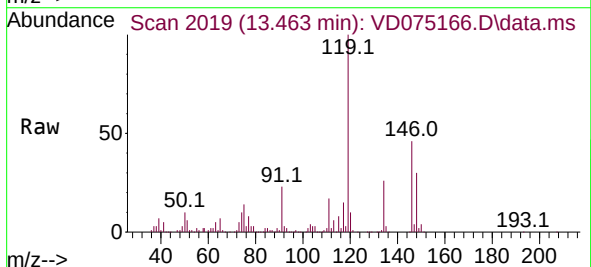
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

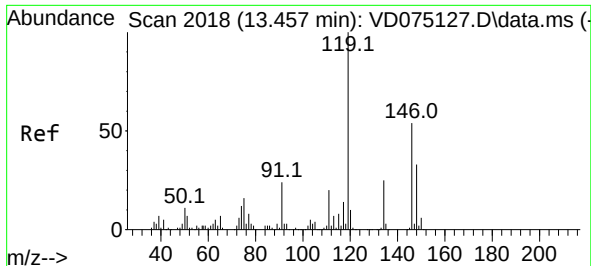
Tgt Ion:105 Resp: 256745
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.414 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075166.D
 Acq: 20 Jan 2023 21:08

Tgt Ion:119 Resp: 207970
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 24.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.665 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

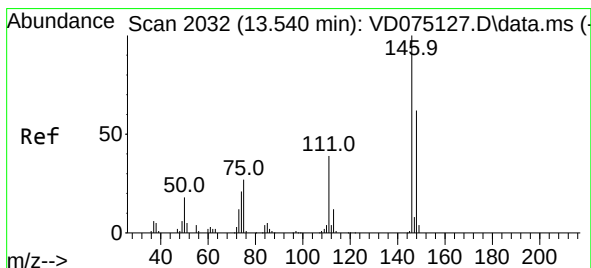
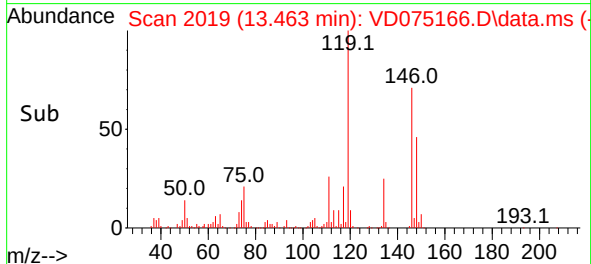
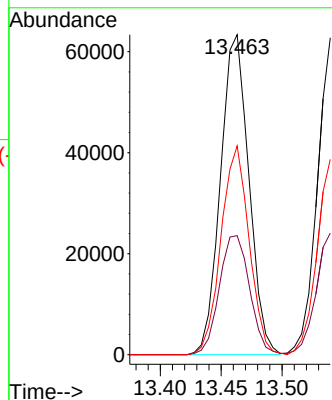
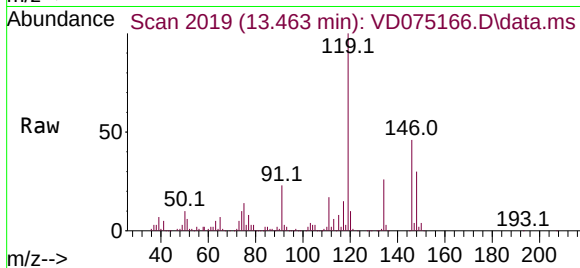
Tgt Ion:146 Resp: 102858

Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.9

148 64.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 49.484 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

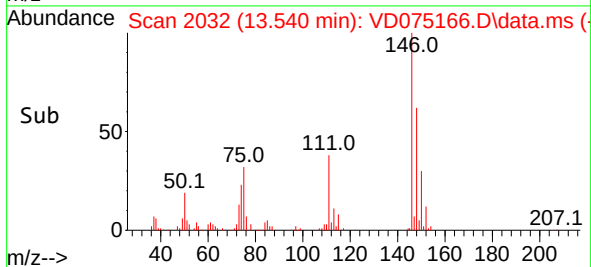
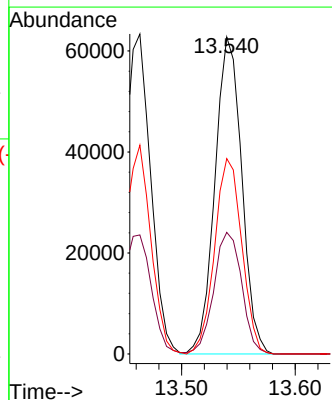
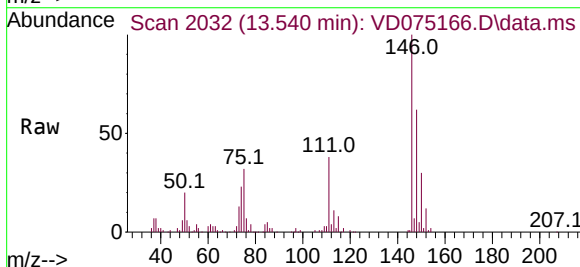
Tgt Ion:146 Resp: 102904

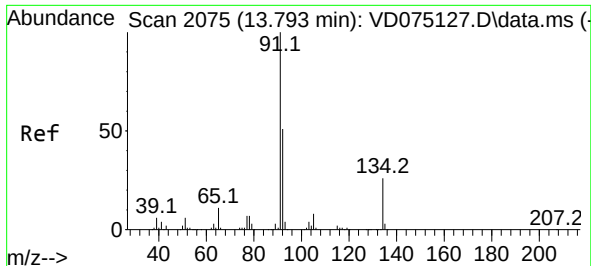
Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 62.6 31.9 95.5

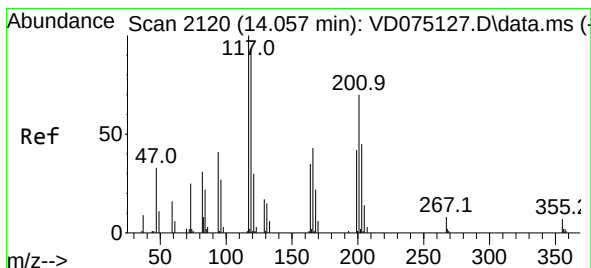
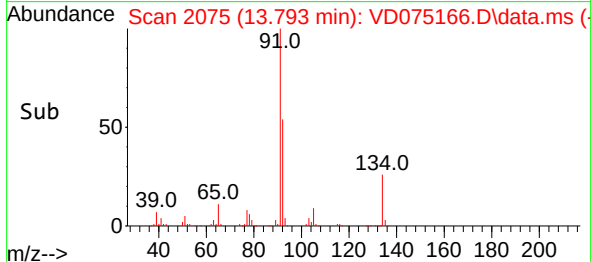
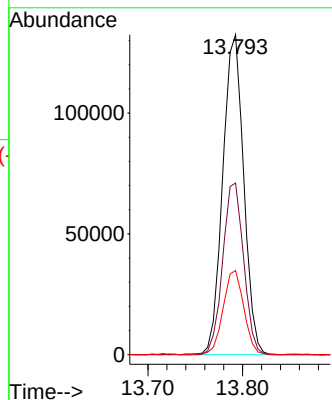
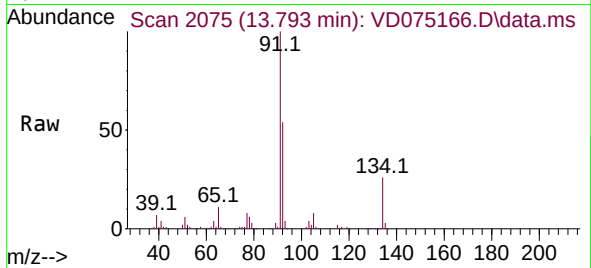




#89
n-Butylbenzene
Concen: 49.708 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

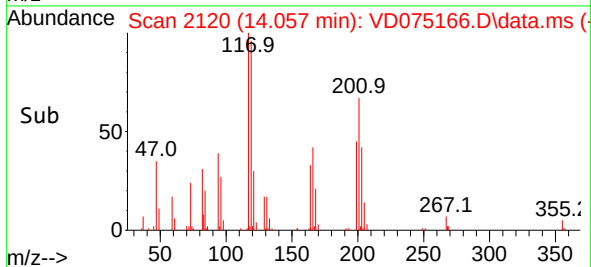
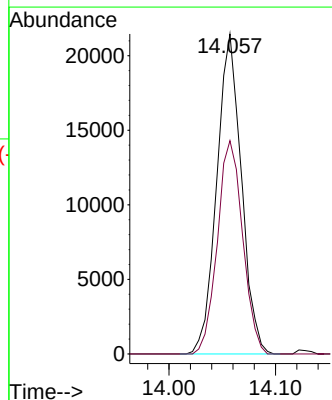
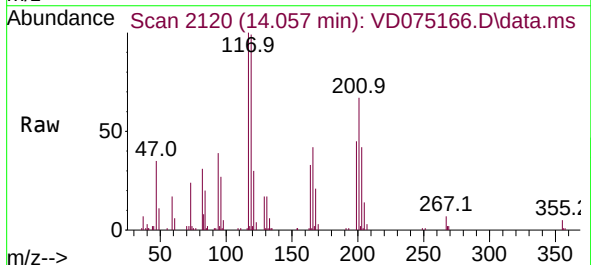
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

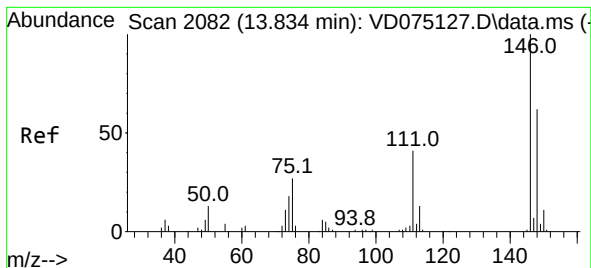
Tgt Ion: 91 Resp: 203862
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 26.0 13.3 39.8



#90
Hexachloroethane
Concen: 46.280 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion: 117 Resp: 34396
Ion Ratio Lower Upper
117 100
201 68.3 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 50.055 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

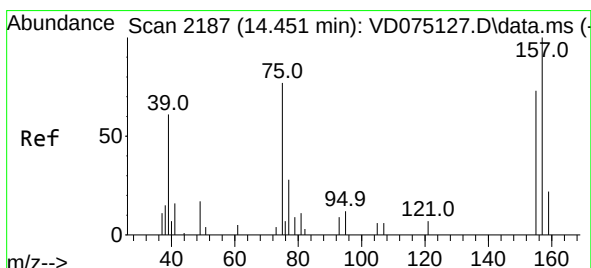
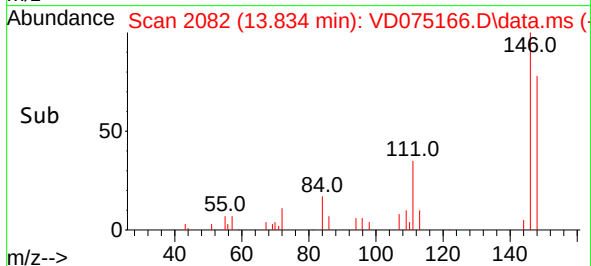
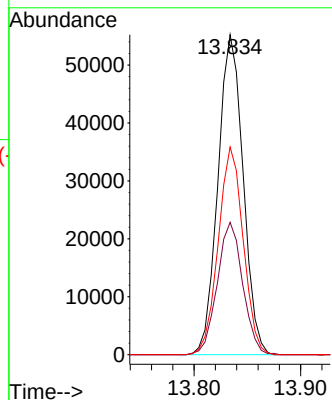
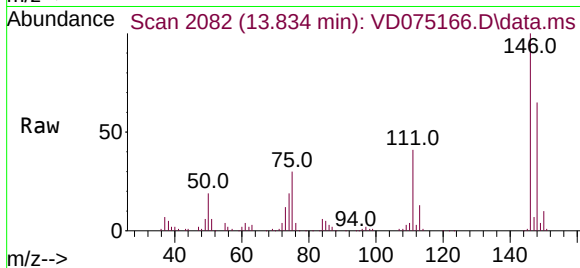
Tgt Ion:146 Resp: 90514

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.184 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

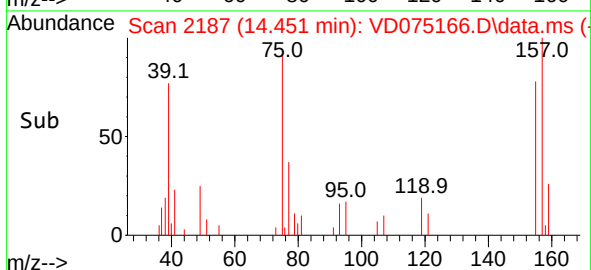
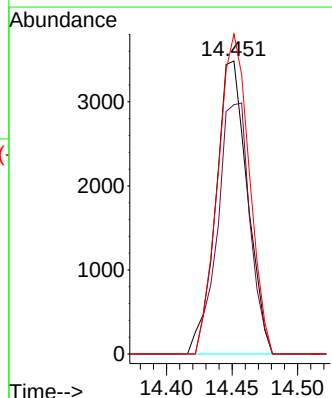
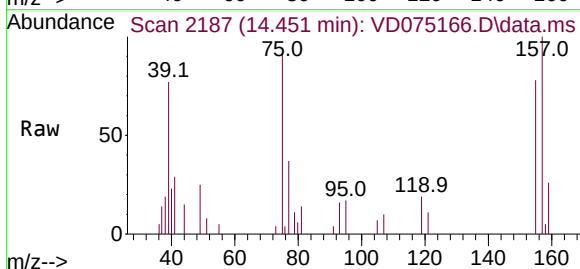
Tgt Ion: 75 Resp: 5836

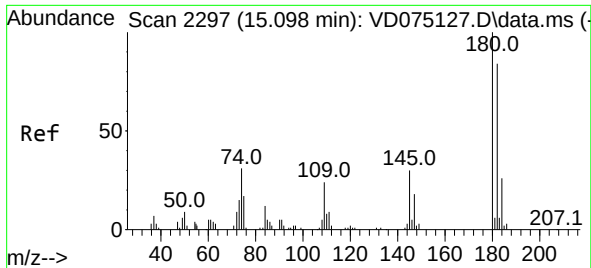
Ion Ratio Lower Upper

75 100

155 86.8 43.4 130.2

157 108.4 56.4 169.2

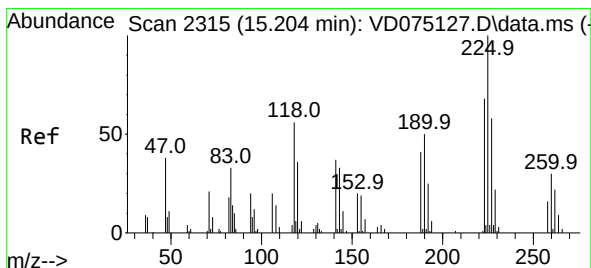
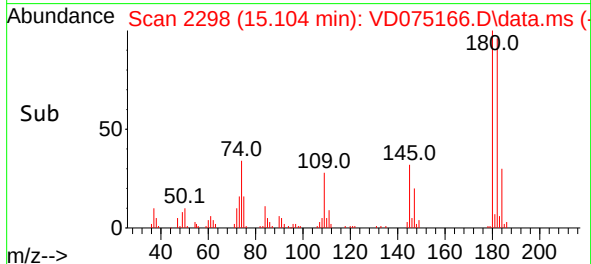
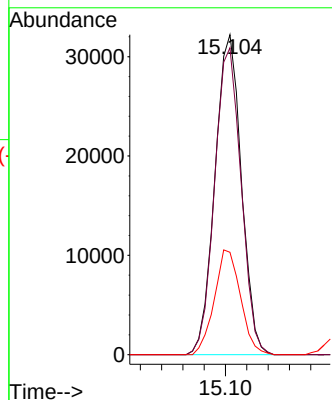
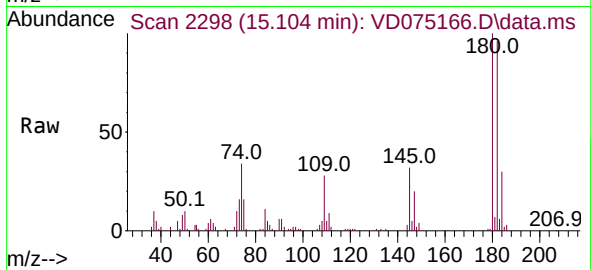




#93
1,2,4-Trichlorobenzene
Concen: 46.672 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

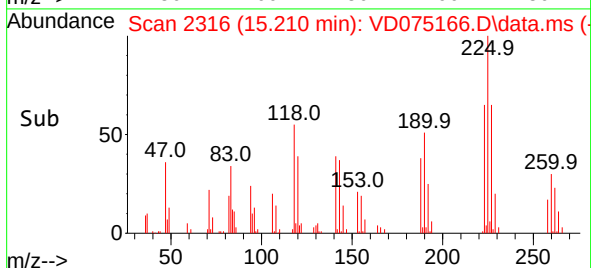
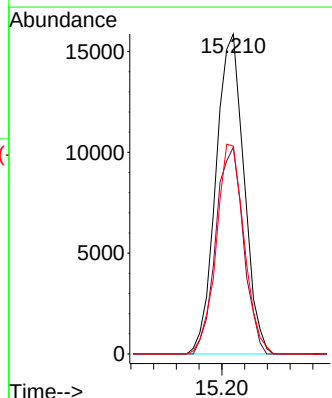
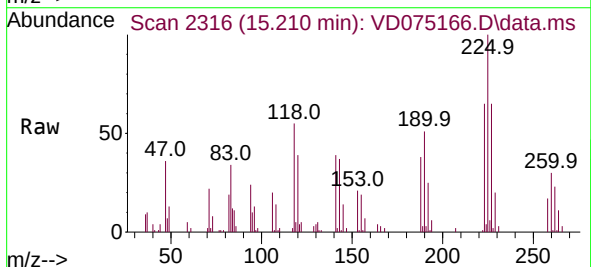
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

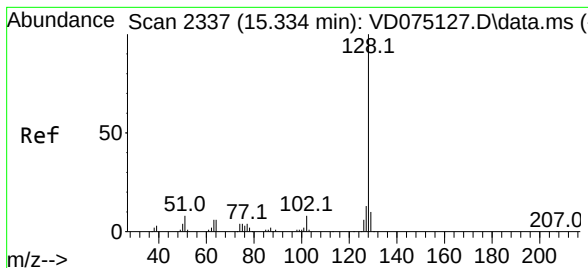
Tgt Ion:180 Resp: 55419
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 32.5 15.8 47.4



#94
Hexachlorobutadiene
Concen: 46.800 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075166.D
Acq: 20 Jan 2023 21:08

Tgt Ion:225 Resp: 27235
Ion Ratio Lower Upper
225 100
223 63.6 31.8 95.4
227 65.1 30.7 92.1





#95

Naphthalene

Concen: 51.407 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

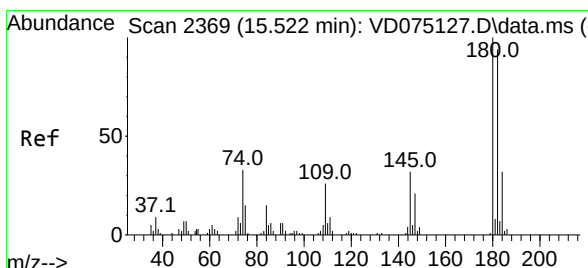
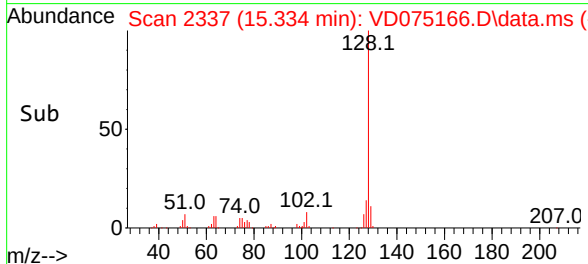
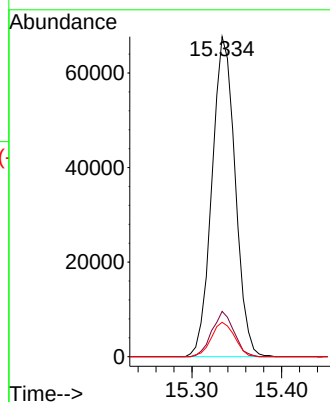
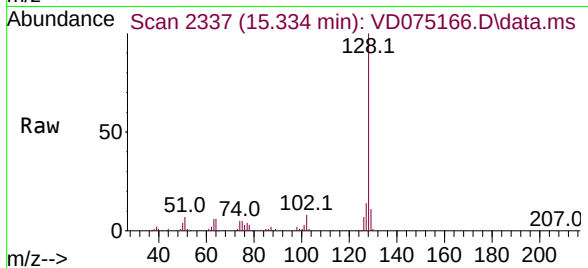
Tgt Ion:128 Resp: 121519

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.188 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075166.D

Acq: 20 Jan 2023 21:08

Tgt Ion:180 Resp: 46798

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.0

145 35.0 16.1 48.3

