

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075127.D
 Acq On : 18 Jan 2023 12:15
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 19 01:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	84769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	148398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45548	52.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.280%	
35) Dibromofluoromethane	7.811	113	47797	52.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.800%	
50) Toluene-d8	10.269	98	182874	52.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.575	95	58988	53.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	30938	41.753	ug/l	100
3) Chloromethane	2.146	50	51574	46.570	ug/l	100
4) Vinyl Chloride	2.287	62	55568	47.114	ug/l	100
5) Bromomethane	2.687	94	38260	47.121	ug/l	100
6) Chloroethane	2.834	64	40100	49.485	ug/l	100
7) Trichlorofluoromethane	3.175	101	72040	48.557	ug/l	100
8) Diethyl Ether	3.593	74	25300	53.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	43810	47.200	ug/l	100
10) Methyl Iodide	4.164	142	67826	55.218	ug/l	100
11) Tert butyl alcohol	5.052	59	14135	228.161	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	47736	49.157	ug/l	100
13) Acrolein	3.799	56	12462	209.556	ug/l	100
14) Allyl chloride	4.564	41	81866	52.904	ug/l	100
15) Acrylonitrile	5.252	53	54988	265.925	ug/l	100
16) Acetone	4.023	43	67865	292.978	ug/l	100
17) Carbon Disulfide	4.275	76	155289	49.366	ug/l	100
18) Methyl Acetate	4.564	43	32775	52.420	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	109391	53.653	ug/l	100
20) Methylene Chloride	4.805	84	67343	45.494	ug/l	100
21) trans-1,2-Dichloroethene	5.317	96	55654	52.237	ug/l	100
22) Diisopropyl ether	6.216	45	154942	52.980	ug/l	100
23) Vinyl Acetate	6.158	43	265835	209.270	ug/l	100
24) 1,1-Dichloroethane	6.117	63	94281	51.209	ug/l	100
25) 2-Butanone	7.081	43	77336	278.191	ug/l	100
26) 2,2-Dichloropropane	7.075	77	81133	50.050	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	61514	52.033	ug/l	100
28) Bromochloromethane	7.422	49	25204	50.012	ug/l	100
29) Tetrahydrofuran	7.446	42	42992	271.267	ug/l	100
30) Chloroform	7.599	83	95149	51.985	ug/l	100
31) Cyclohexane	7.881	56	79222	46.125	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	79442	49.947	ug/l	100
36) 1,1-Dichloropropene	8.011	75	70556	48.948	ug/l	100
37) Ethyl Acetate	7.169	43	30112	50.942	ug/l	100
38) Carbon Tetrachloride	7.993	117	60299	50.385	ug/l	100
39) Methylcyclohexane	9.275	83	84588	47.867	ug/l	100
40) Benzene	8.252	78	213325	52.107	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16994	47.721	ug/l	100
42) 1,2-Dichloroethane	8.328	62	56986	52.528	ug/l	100
43) Isopropyl Acetate	8.363	43	59554	52.715	ug/l	100
44) Trichloroethene	9.028	130	59422	51.955	ug/l	100
45) 1,2-Dichloropropane	9.305	63	52662	52.282	ug/l	100
46) Dibromomethane	9.399	93	28418	52.746	ug/l	100
47) Bromodichloromethane	9.587	83	70193	53.156	ug/l	100
48) Methyl methacrylate	9.381	41	28151	51.251	ug/l	100
49) 1,4-Dioxane	9.387	88	5280	1038.698	ug/l	100
51) 4-Methyl-2-Pentanone	10.163	43	142443	260.518	ug/l	100
52) Toluene	10.334	92	135910	52.802	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	66290	53.085	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	82581	53.917	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	37811	54.216	ug/l	100
56) Ethyl methacrylate	10.599	69	46406	53.795	ug/l	100
57) 1,3-Dichloropropane	10.881	76	66161	54.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	72168	250.224	ug/l	100
59) 2-Hexanone	10.922	43	107016	269.887	ug/l	100
60) Dibromochloromethane	11.075	129	45958	53.885	ug/l	100
61) 1,2-Dibromoethane	11.181	107	35860	53.185	ug/l	100
64) Tetrachloroethene	10.810	164	46785	48.849	ug/l	100
65) Chlorobenzene	11.610	112	140805	52.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	46664	51.007	ug/l	100
67) Ethyl Benzene	11.687	91	249164	50.548	ug/l	100
68) m/p-Xylenes	11.799	106	191827	100.990	ug/l	100
69) o-Xylene	12.122	106	93019	52.002	ug/l	100
70) Styrene	12.134	104	154030	51.465	ug/l	100
71) Bromoform	12.299	173	25168	52.226	ug/l #	100
73) Isopropylbenzene	12.422	105	235104	49.158	ug/l	100
74) N-amyl acetate	12.234	43	52870	50.295	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	39439	50.609	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	50501	87.607	ug/l #	100
77) Bromobenzene	12.704	156	56500	52.012	ug/l	100
78) n-propylbenzene	12.763	91	289455	48.790	ug/l	100
79) 2-Chlorotoluene	12.851	91	161808	49.737	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	198123	50.404	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11200	50.803	ug/l	100
82) 4-Chlorotoluene	12.951	91	165747	49.200	ug/l	100
83) tert-Butylbenzene	13.169	119	166518	48.652	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	193073	50.109	ug/l	100
85) sec-Butylbenzene	13.346	105	250827	48.468	ug/l	100
86) p-Isopropyltoluene	13.463	119	208497	49.021	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	107297	49.948	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	105166	50.323	ug/l	100
89) n-Butylbenzene	13.793	91	201235	48.766	ug/l	100
90) Hexachloroethane	14.057	117	36111	48.860	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	93606	51.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6253	52.932	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	60933	51.322	ug/l	100
94) Hexachlorobutadiene	15.204	225	28918	49.348	ug/l	100
95) Naphthalene	15.334	128	117677	49.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	52164	50.707	ug/l	100

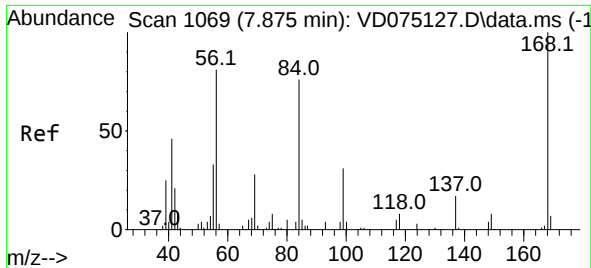
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Response via : Initial Calibration

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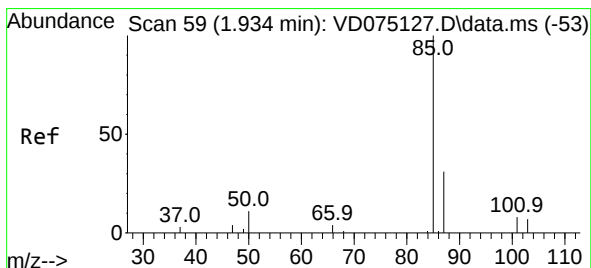
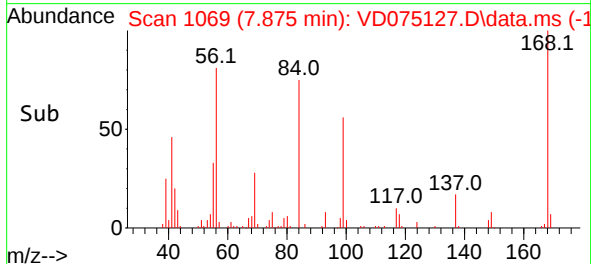
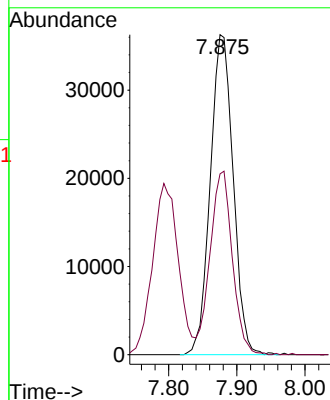
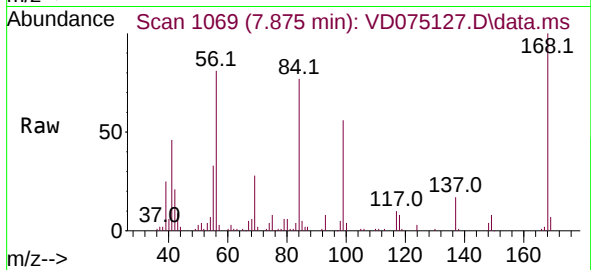
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

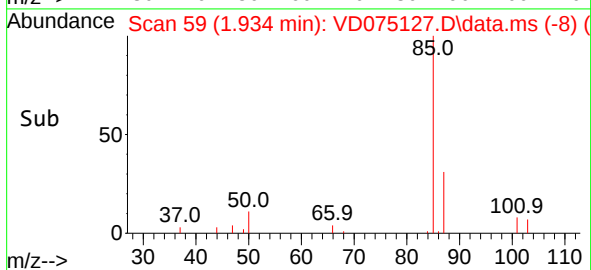
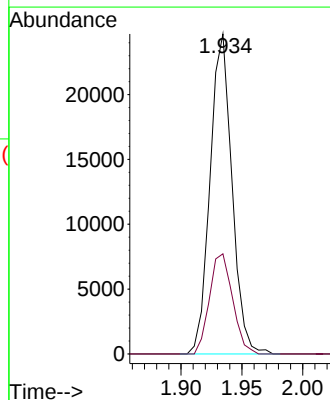
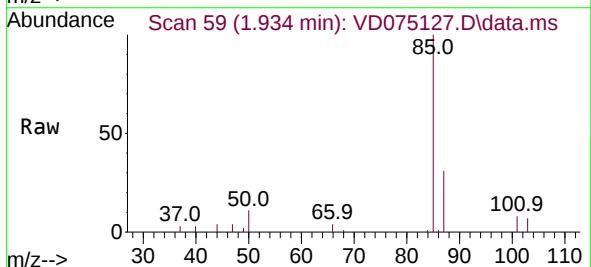
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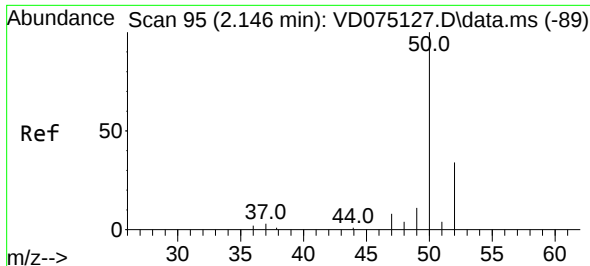
Tgt Ion:168 Resp: 84769
Ion Ratio Lower Upper
168 100
99 56.5 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 41.753 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 85 Resp: 30938
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

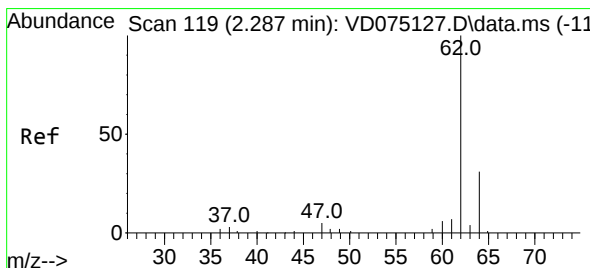
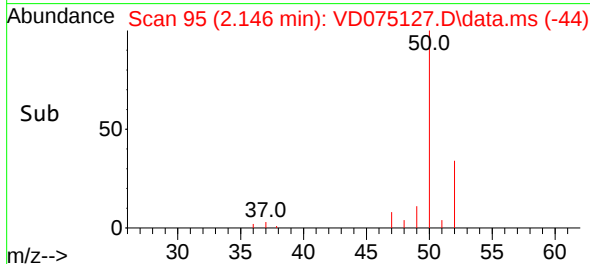
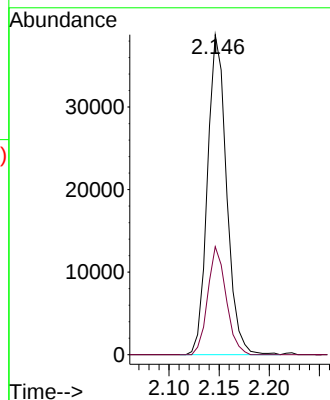
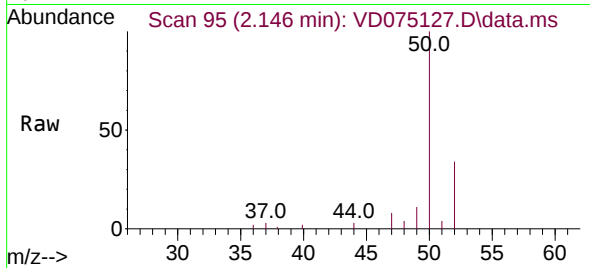




#3
Chloromethane
Concen: 46.570 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

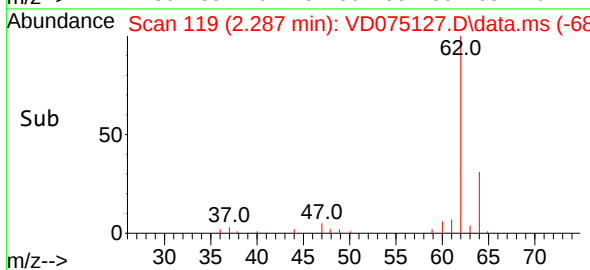
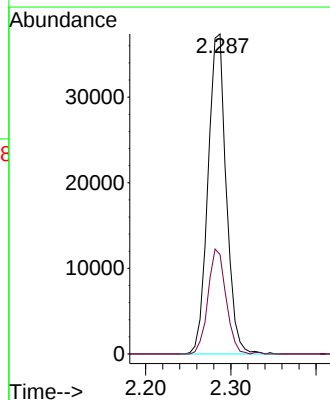
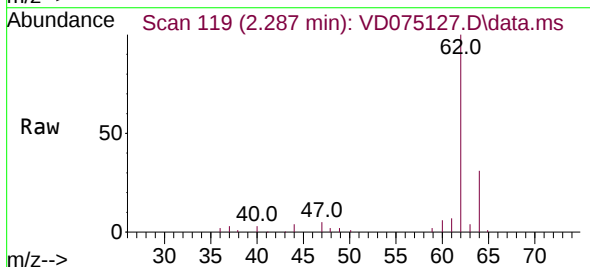
Instrument :
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ClientSampleId :
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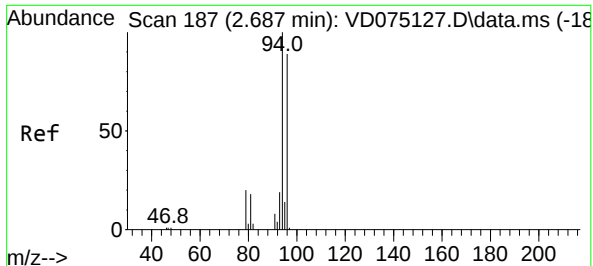
Tgt Ion: 50 Resp: 51574
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6



#4
Vinyl Chloride
Concen: 47.114 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 62 Resp: 55568
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2

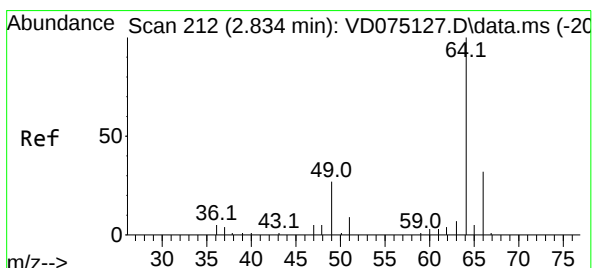
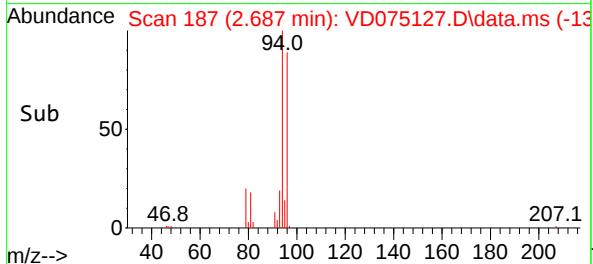
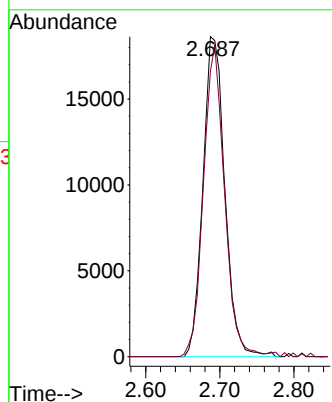
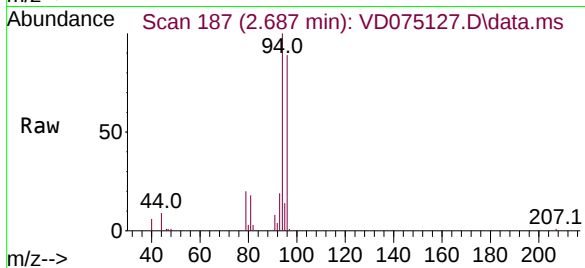




#5
Bromomethane
Concen: 47.121 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

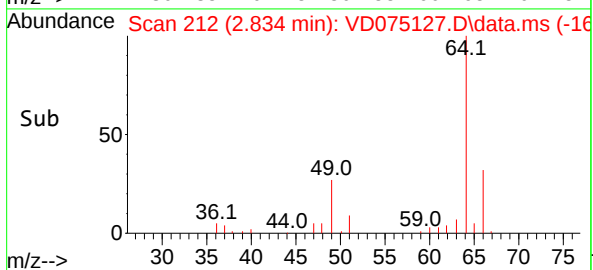
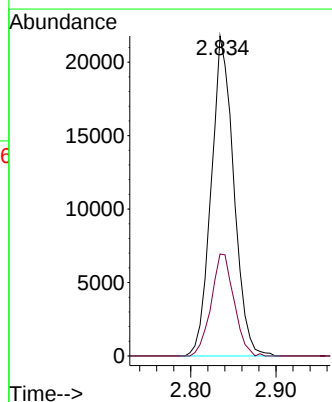
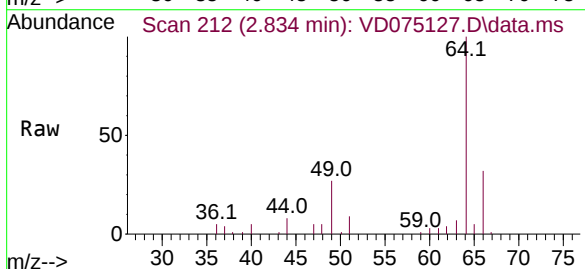
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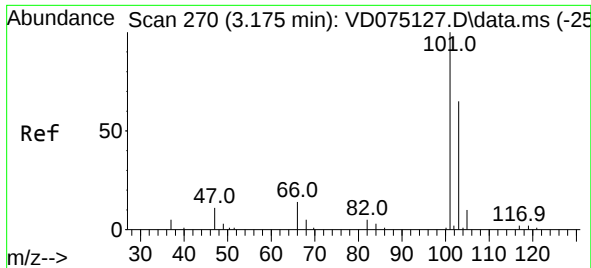
Tgt Ion: 94 Resp: 38260
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 49.485 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 64 Resp: 40100
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

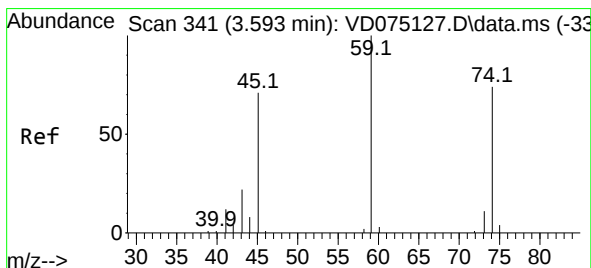
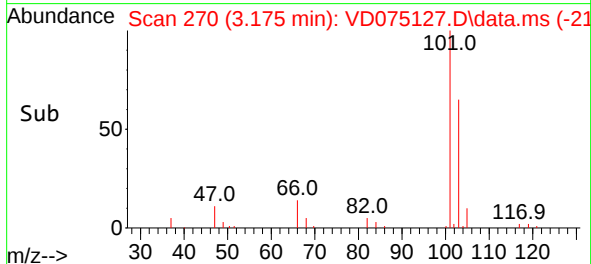
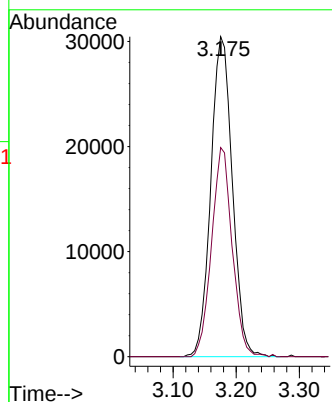
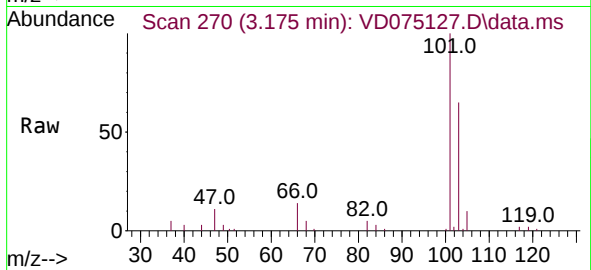




#7
Trichlorofluoromethane
Concen: 48.557 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

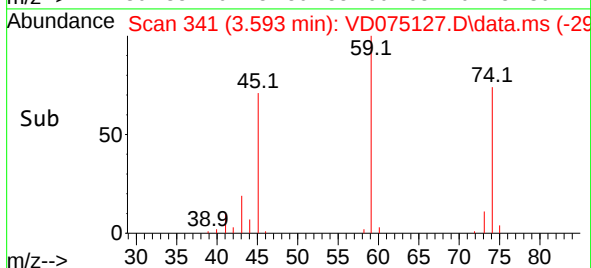
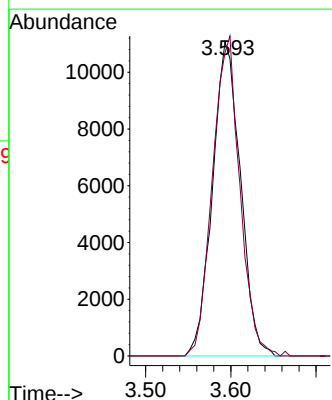
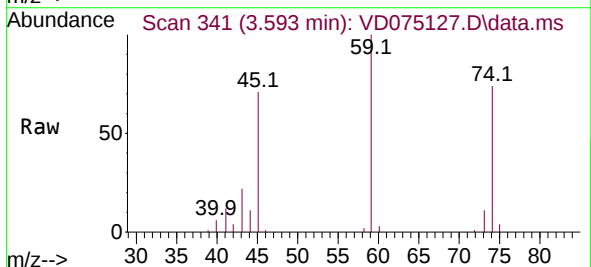
Instrument :
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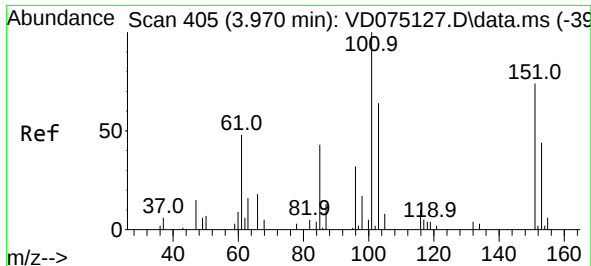
Tgt Ion:101 Resp: 72040
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4



#8
Diethyl Ether
Concen: 53.064 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 74 Resp: 25300
Ion Ratio Lower Upper
74 100
45 99.5 49.8 149.3

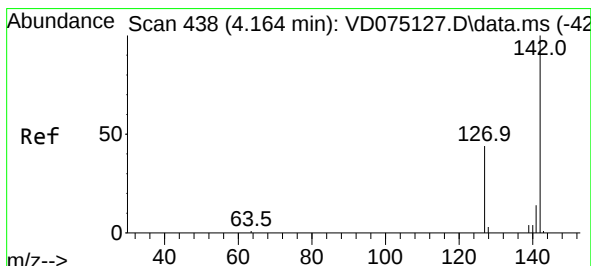
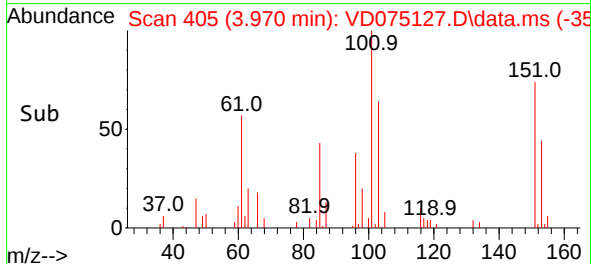
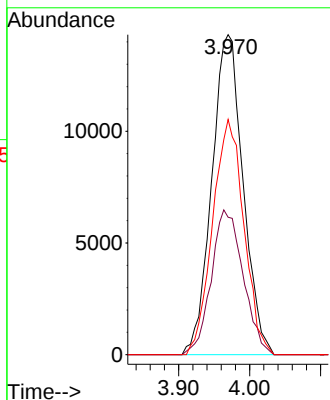
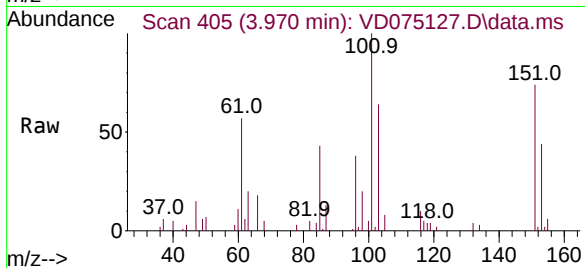




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.200 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

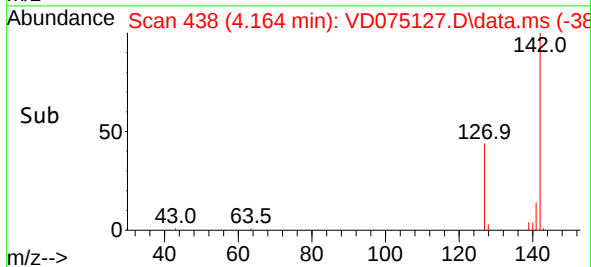
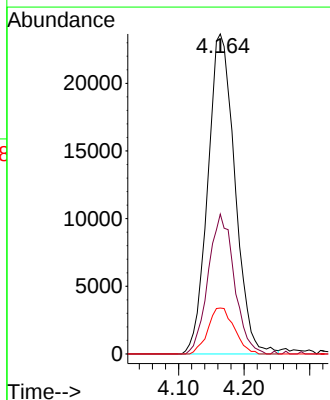
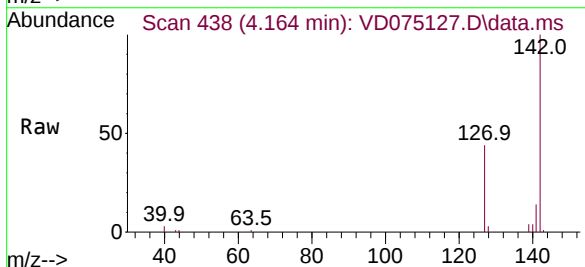
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 43810
Ion Ratio Lower Upper
101 100
85 46.1 36.9 55.3
151 73.6 58.9 88.3



#10
Methyl Iodide
Concen: 55.218 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:142 Resp: 67826
Ion Ratio Lower Upper
142 100
127 42.0 33.6 50.4
141 13.9 11.1 16.7

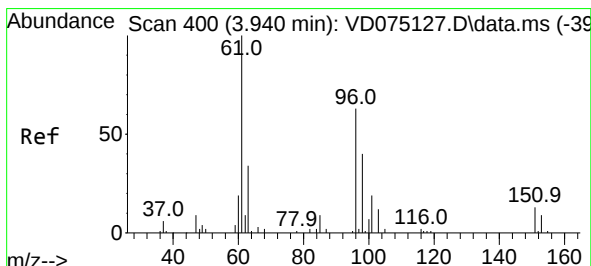
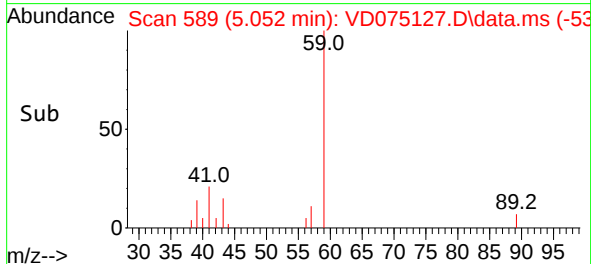
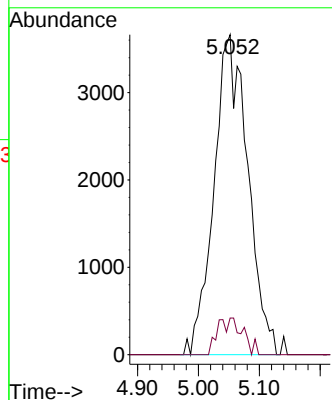
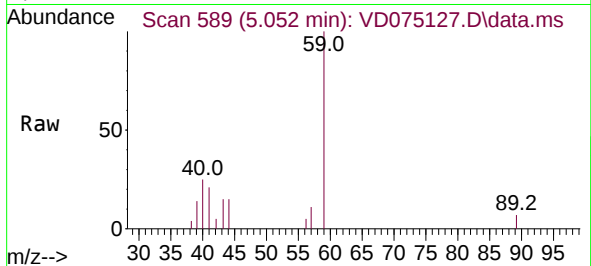




#11
Tert butyl alcohol
Concen: 228.161 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

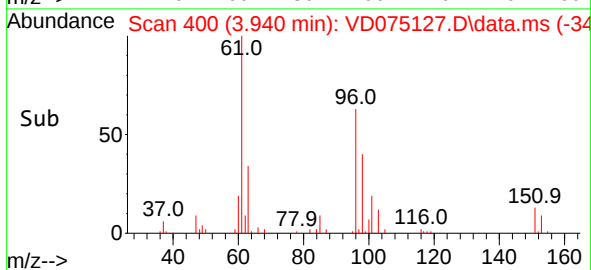
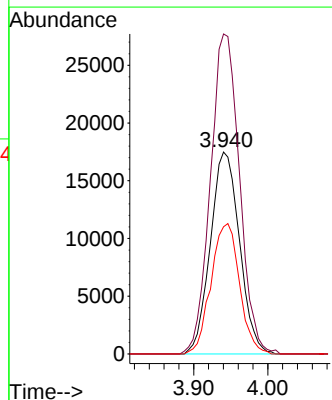
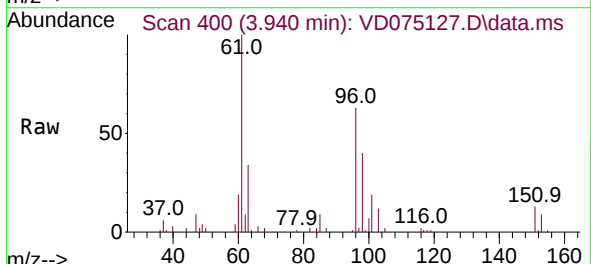
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

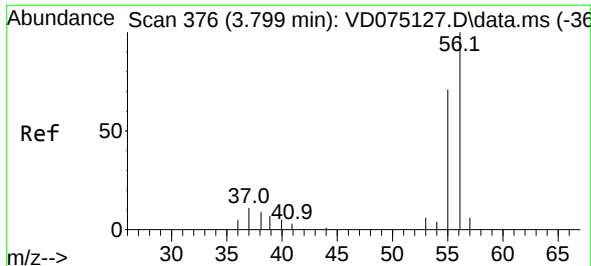
Tgt Ion: 59 Resp: 14135
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 49.157 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 96 Resp: 47736
Ion Ratio Lower Upper
96 100
61 158.5 126.8 190.2
98 63.0 50.4 75.6





#13

Acrolein

Concen: 209.556 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

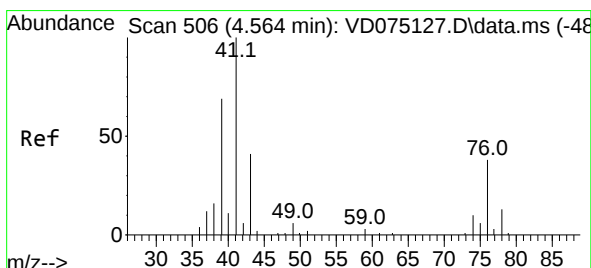
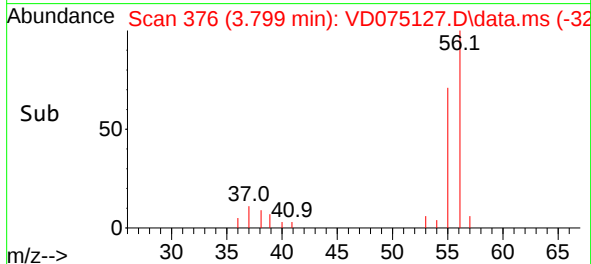
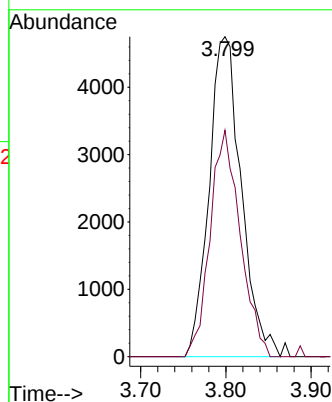
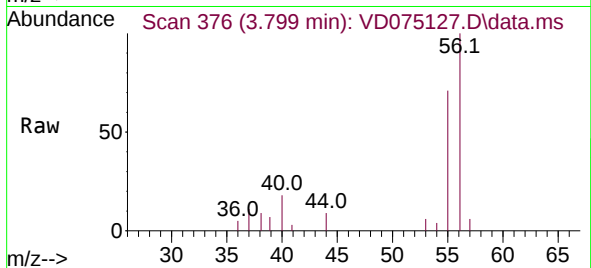
VSTDICCC050

Tgt Ion: 56 Resp: 12462

Ion Ratio Lower Upper

56 100

55 66.3 53.0 79.6



#14

Allyl chloride

Concen: 52.904 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

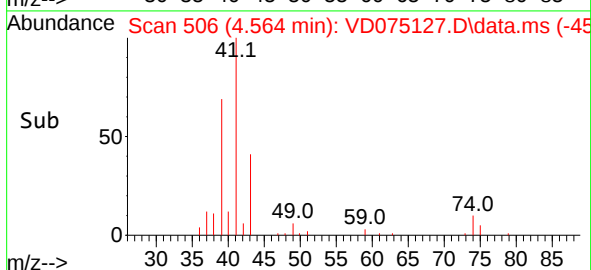
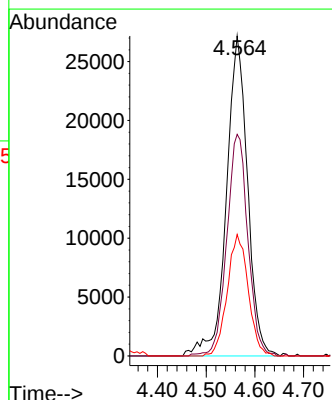
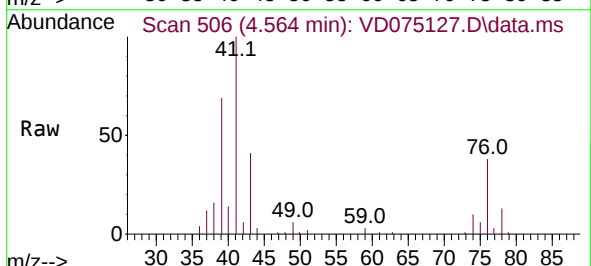
Tgt Ion: 41 Resp: 81866

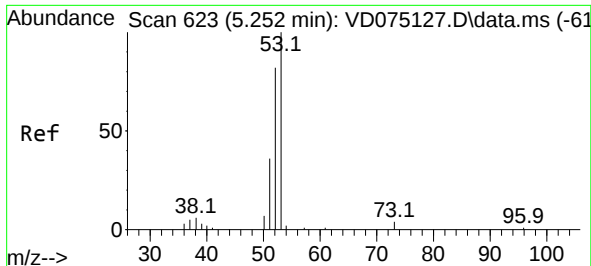
Ion Ratio Lower Upper

41 100

39 69.2 55.4 83.0

76 37.7 30.2 45.2

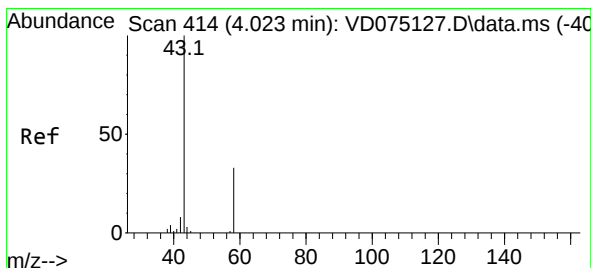
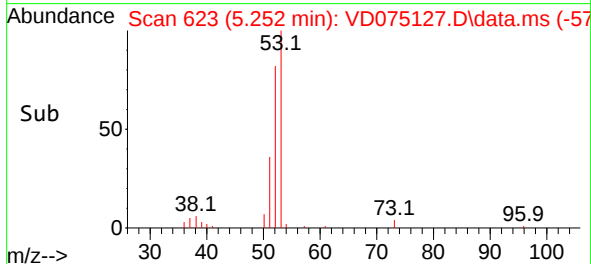
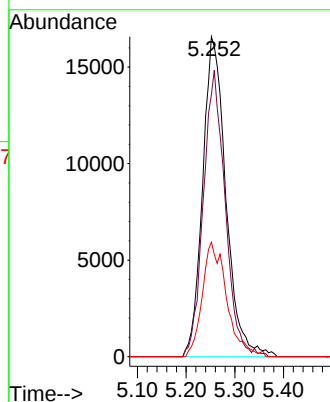
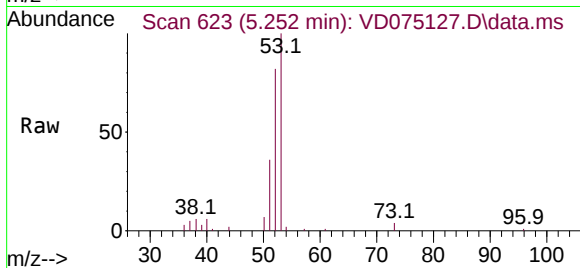




#15
Acrylonitrile
Concen: 265.925 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

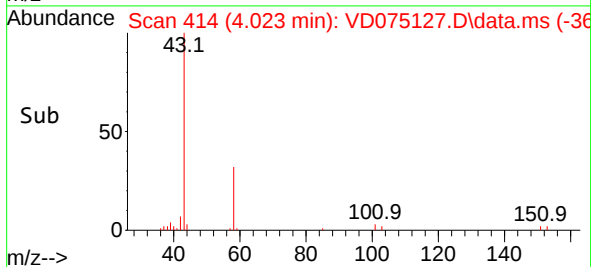
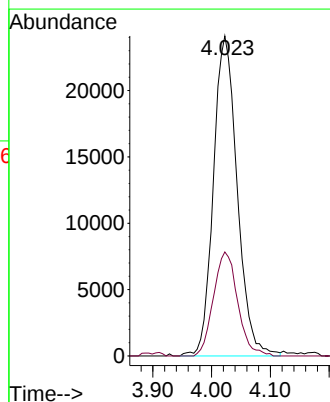
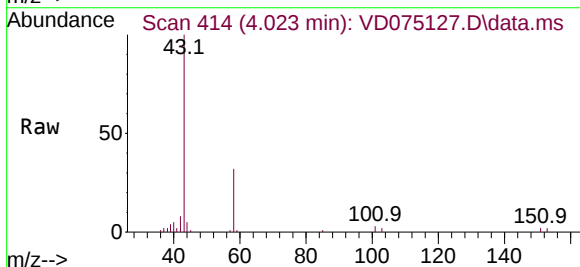
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

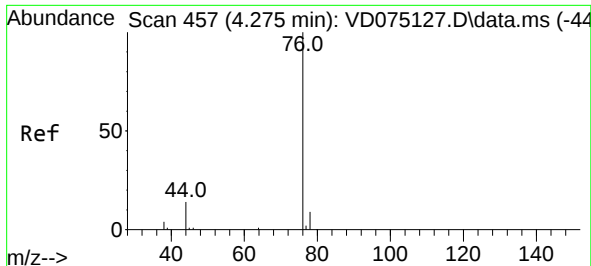
Tgt Ion:	53	Resp:	54988
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.6
51	37.6	30.1	45.1



#16
Acetone
Concen: 292.978 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:	43	Resp:	67865
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.0	39.0

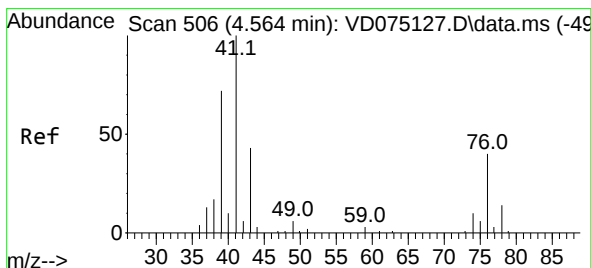
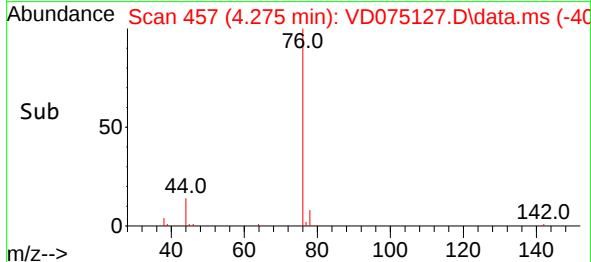
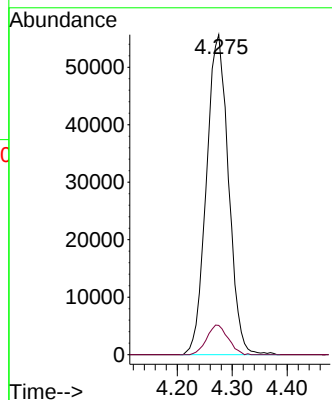
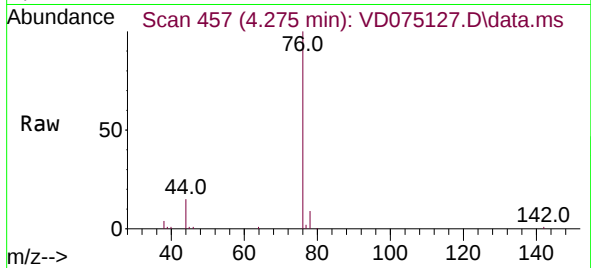




#17
Carbon Disulfide
Concen: 49.366 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

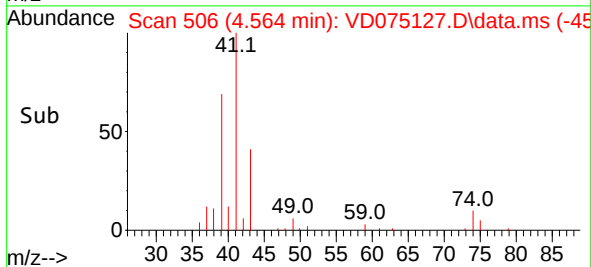
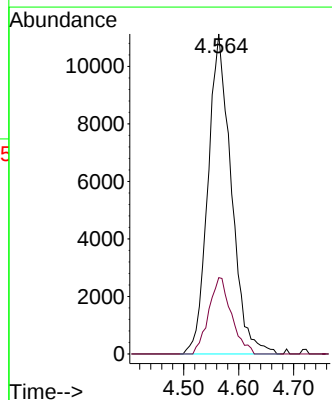
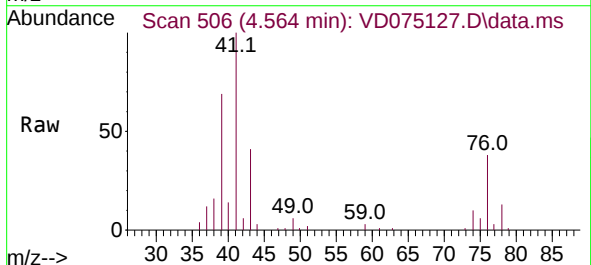
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 155289
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.420 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 43 Resp: 32775
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7

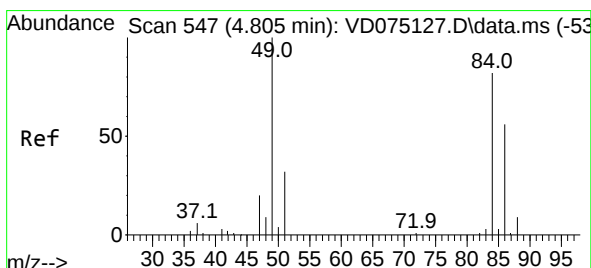
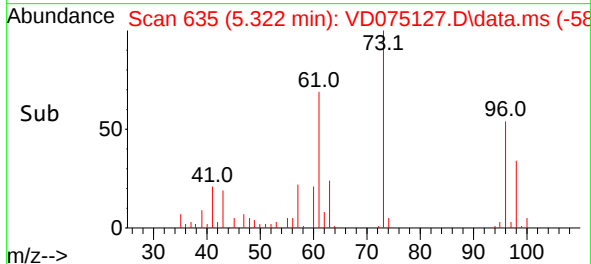
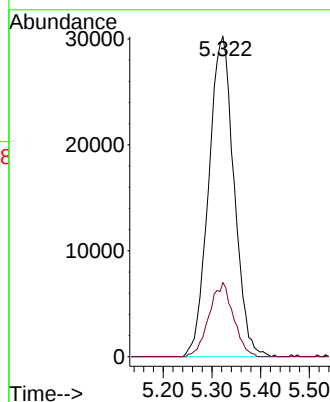
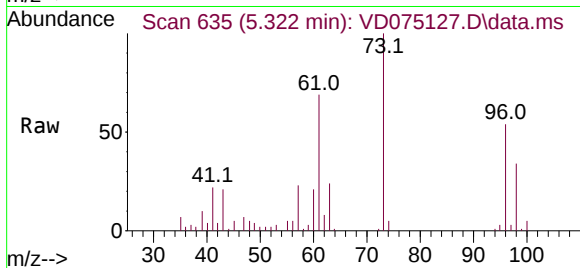




#19
Methyl tert-butyl Ether
Concen: 53.653 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

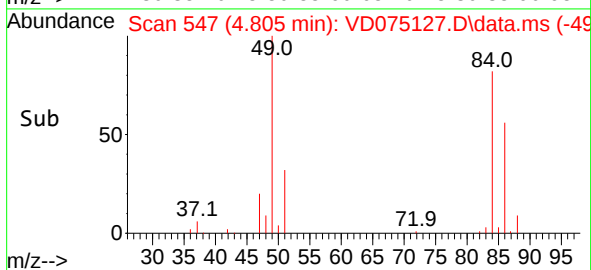
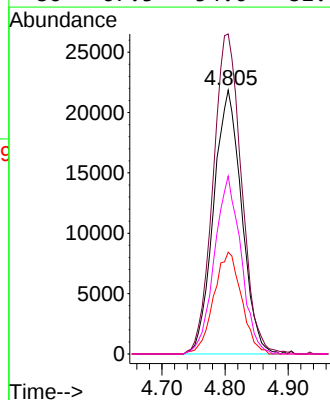
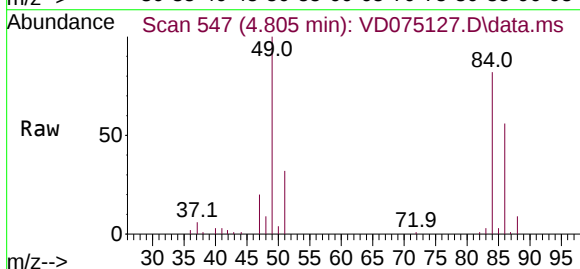
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

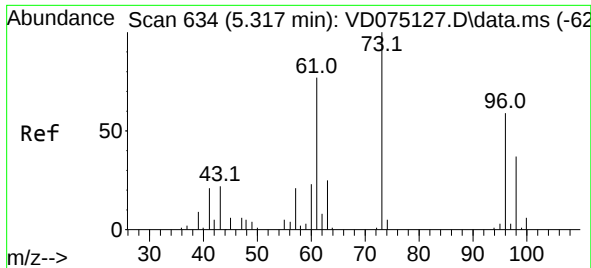
Tgt Ion: 73 Resp: 109391
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 45.494 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 84 Resp: 67343
Ion Ratio Lower Upper
84 100
49 121.3 97.0 145.6
51 38.6 30.9 46.3
86 67.5 54.0 81.0

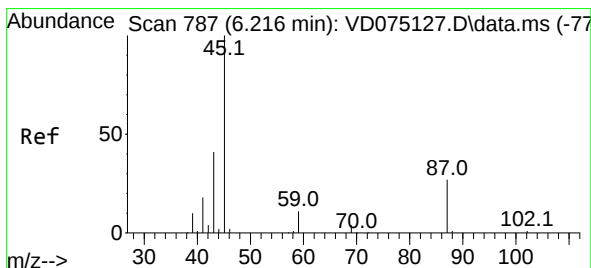
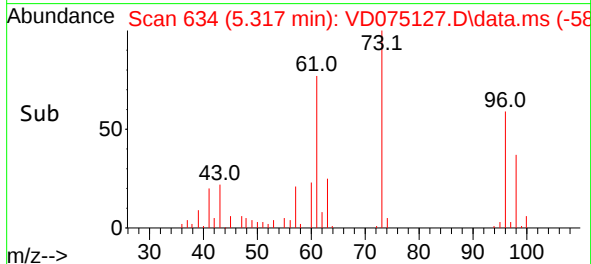
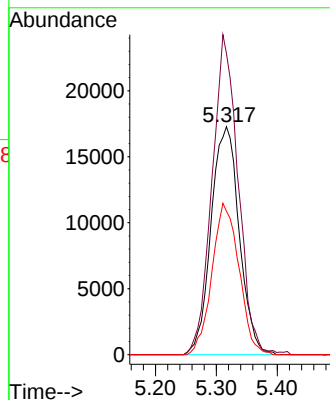
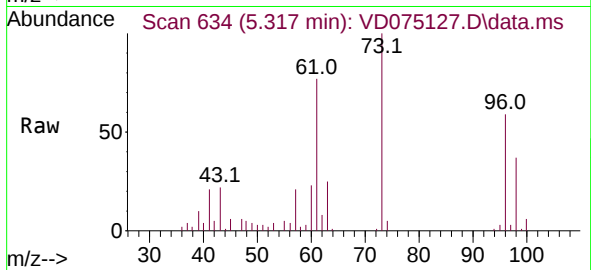




#21
trans-1,2-Dichloroethene
Concen: 52.237 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

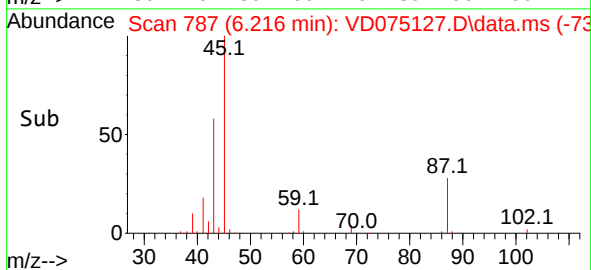
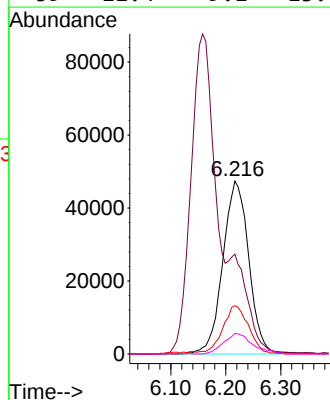
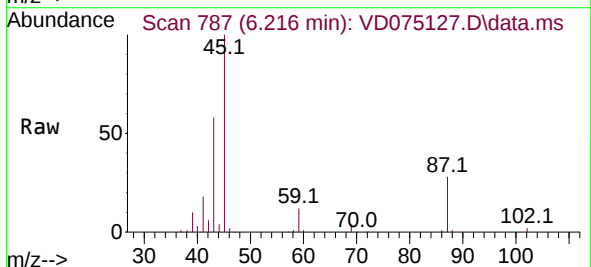
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

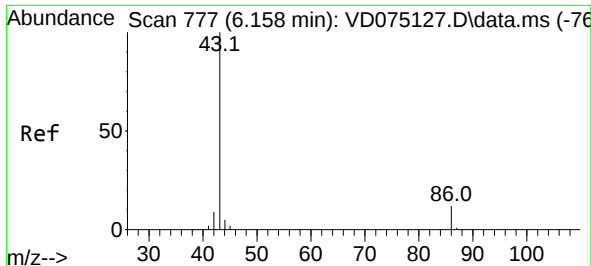
Tgt Ion: 96 Resp: 55654
Ion Ratio Lower Upper
96 100
61 132.1 105.7 158.5
98 63.0 50.4 75.6



#22
Diisopropyl ether
Concen: 52.980 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 45 Resp: 154942
Ion Ratio Lower Upper
45 100
43 56.6 45.3 67.9
87 27.6 22.1 33.1
59 11.4 9.1 13.7

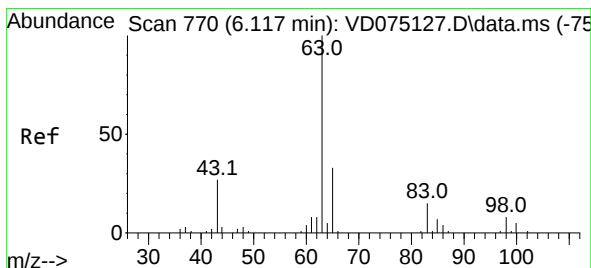
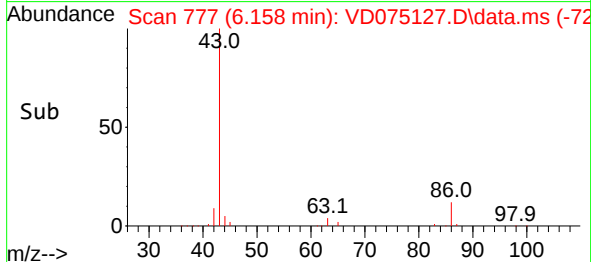
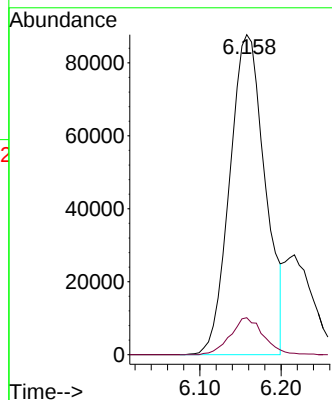
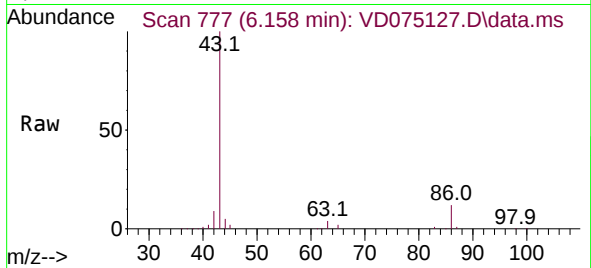




#23
 Vinyl Acetate
 Concen: 209.270 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075127.D
 Acq: 18 Jan 2023 12:15

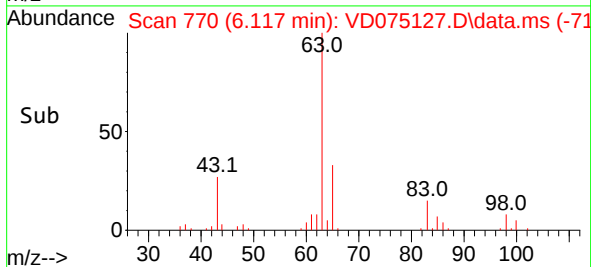
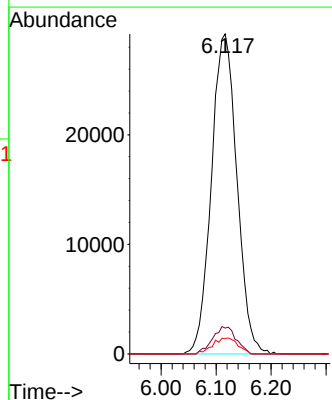
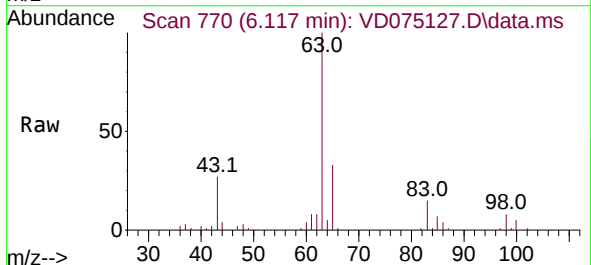
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

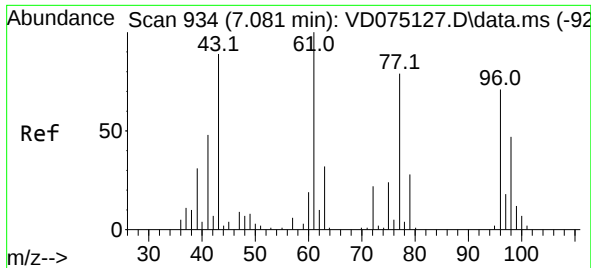
Tgt Ion: 43 Resp: 265835
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 51.209 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075127.D
 Acq: 18 Jan 2023 12:15

Tgt Ion: 63 Resp: 94281
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.9 2.5 7.4

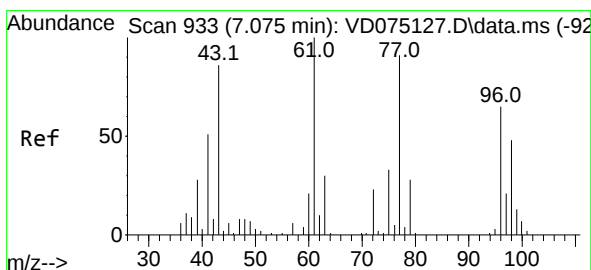
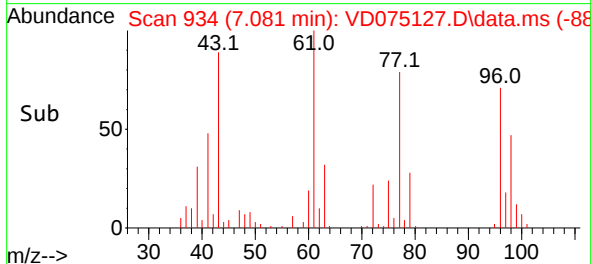
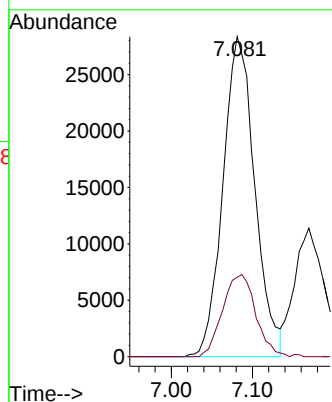
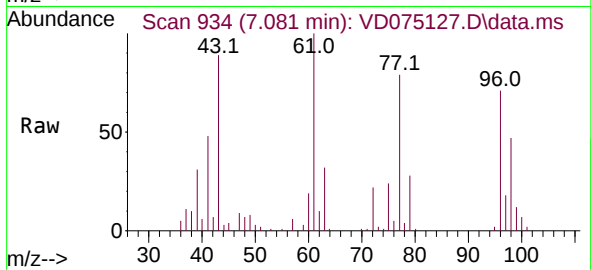




#25
2-Butanone
Concen: 278.191 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

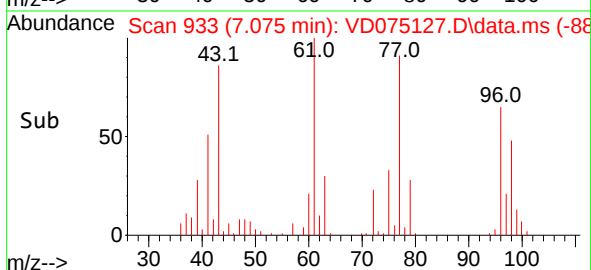
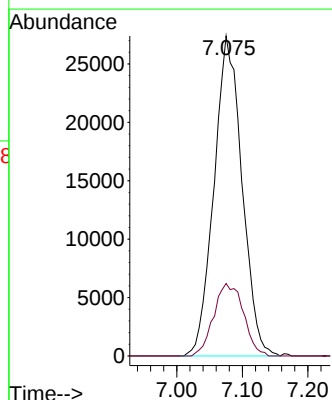
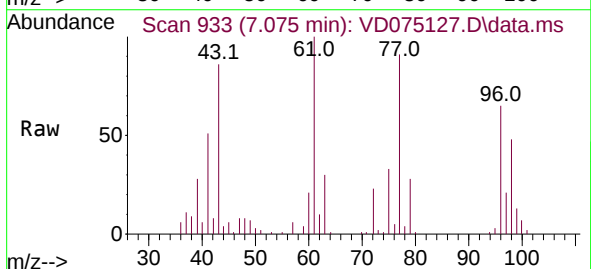
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

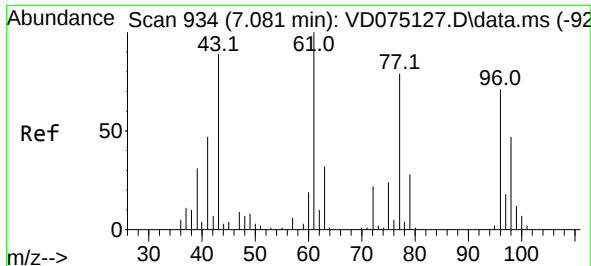
Tgt Ion: 43 Resp: 77336
Ion Ratio Lower Upper
43 100
72 24.8 19.8 29.8



#26
2,2-Dichloropropane
Concen: 50.050 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 77 Resp: 81133
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 52.033 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

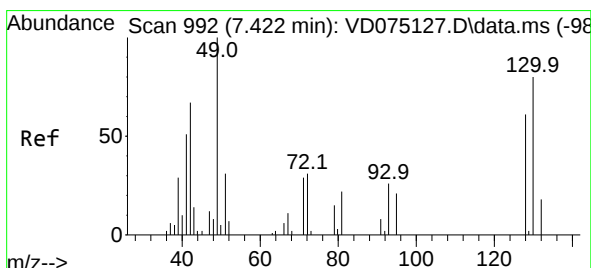
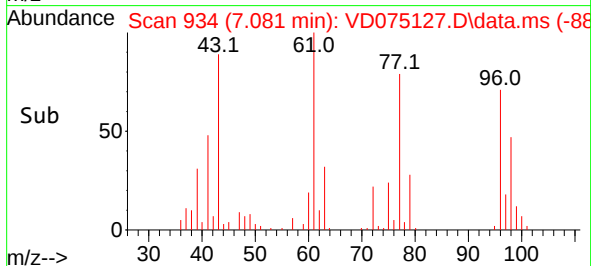
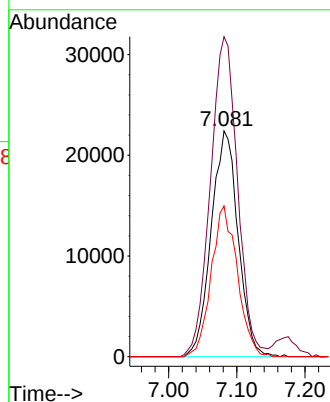
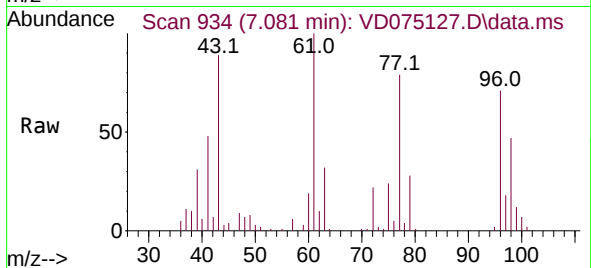
Tgt Ion: 96 Resp: 61514

Ion Ratio Lower Upper

96 100

61 143.7 0.0 287.4

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 50.012 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

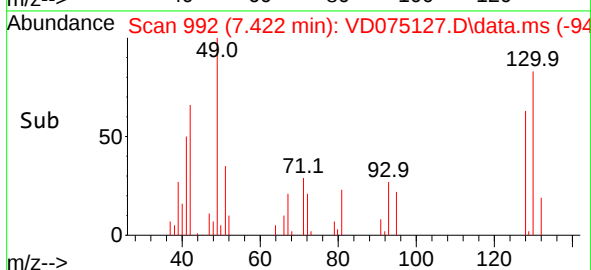
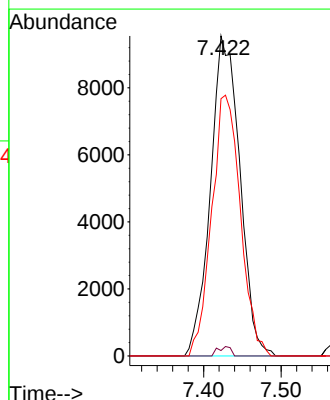
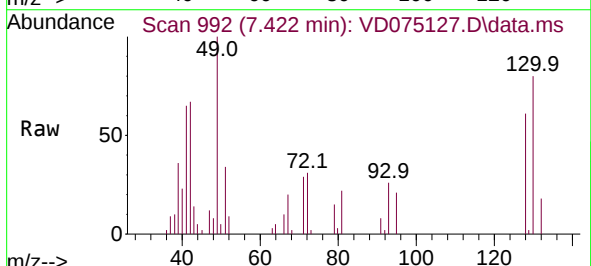
Tgt Ion: 49 Resp: 25204

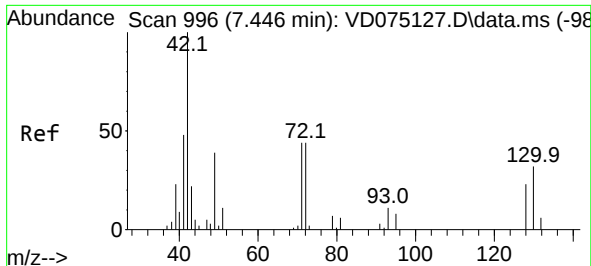
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.6

130 79.5 63.6 95.4





#29

Tetrahydrofuran

Concen: 271.267 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

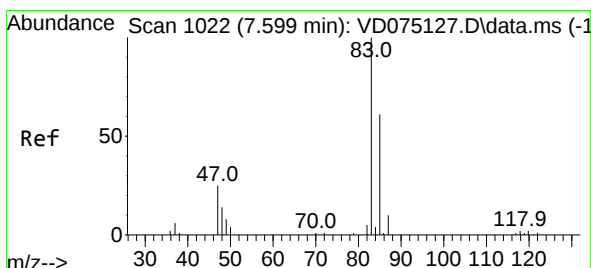
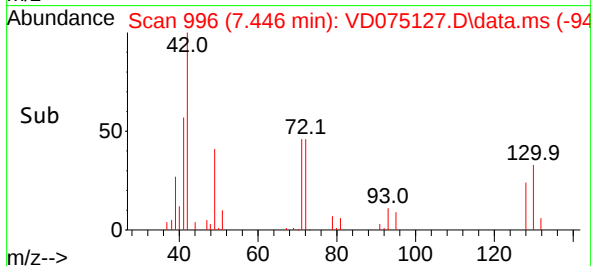
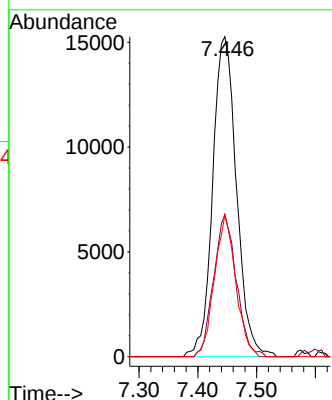
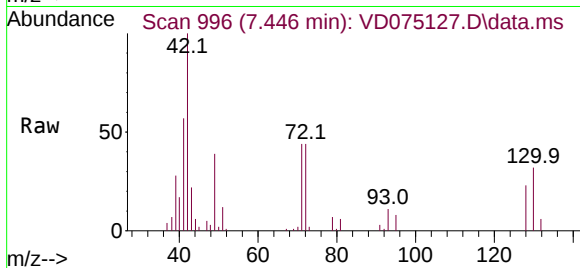
Tgt Ion: 42 Resp: 42992

Ion Ratio Lower Upper

42 100

72 42.3 33.8 50.8

71 39.5 31.6 47.4



#30

Chloroform

Concen: 51.985 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075127.D

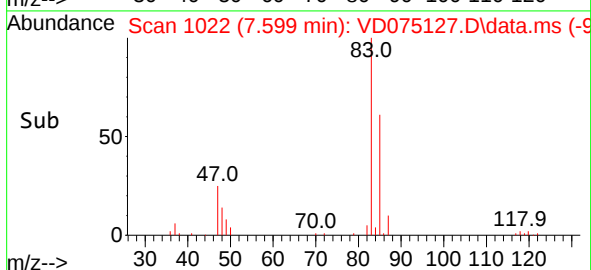
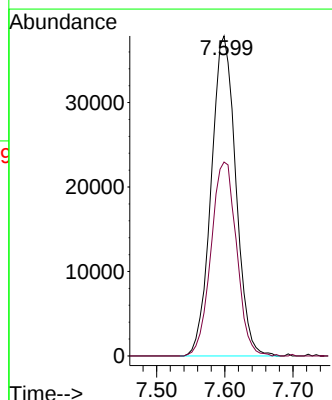
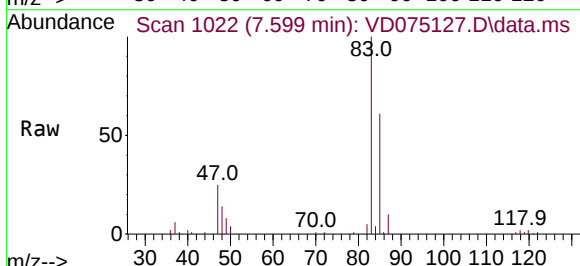
Acq: 18 Jan 2023 12:15

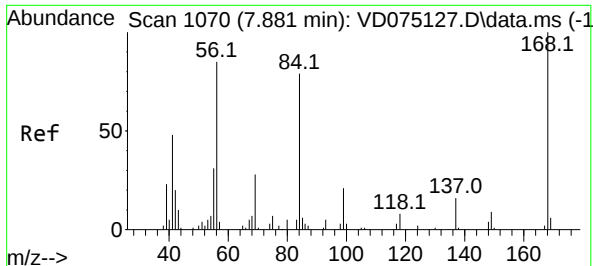
Tgt Ion: 83 Resp: 95149

Ion Ratio Lower Upper

83 100

85 60.6 48.5 72.7





#31

Cyclohexane

Concen: 46.125 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

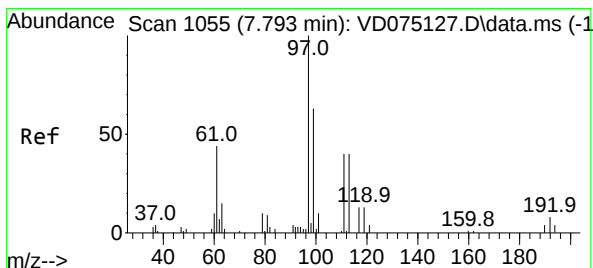
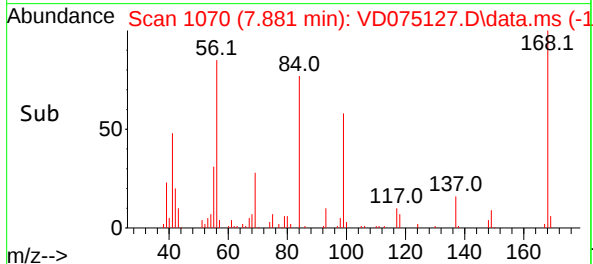
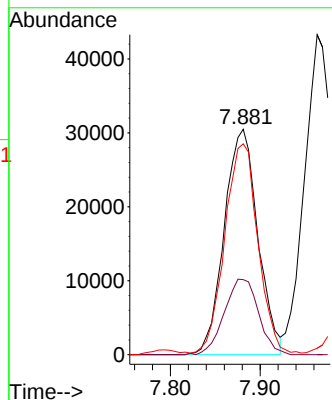
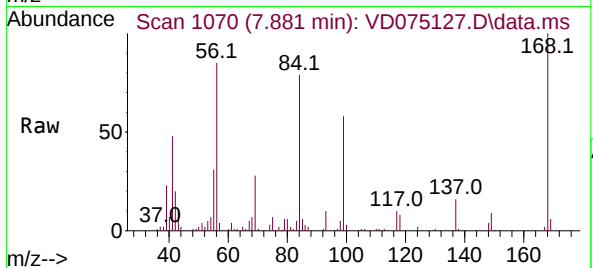
Tgt Ion: 56 Resp: 79222

Ion Ratio Lower Upper

56 100

69 33.3 26.6 40.0

84 92.6 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 49.947 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

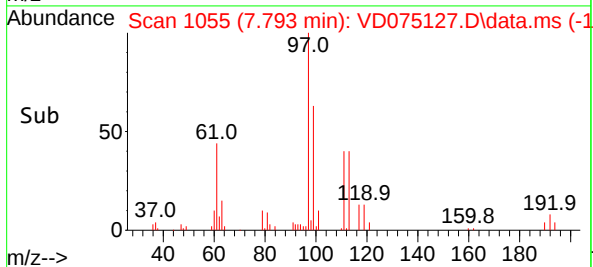
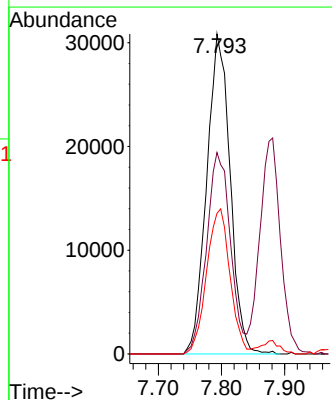
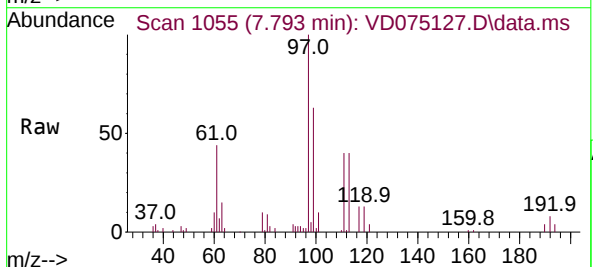
Tgt Ion: 97 Resp: 79442

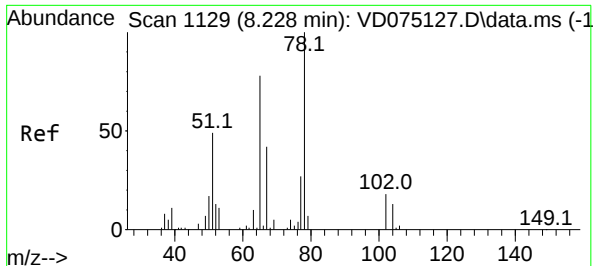
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.639 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

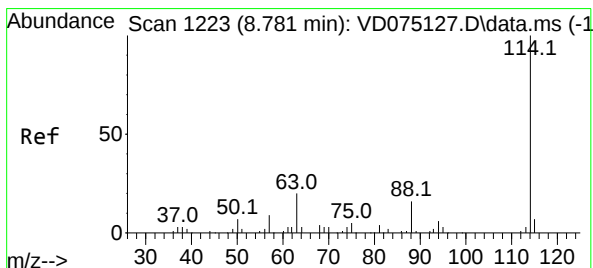
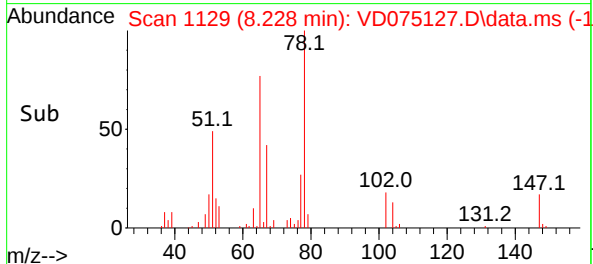
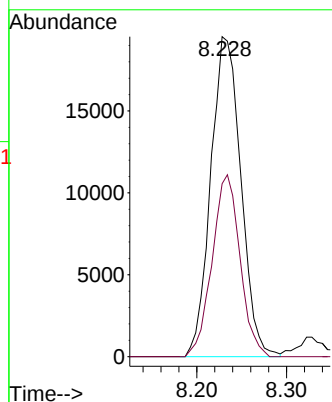
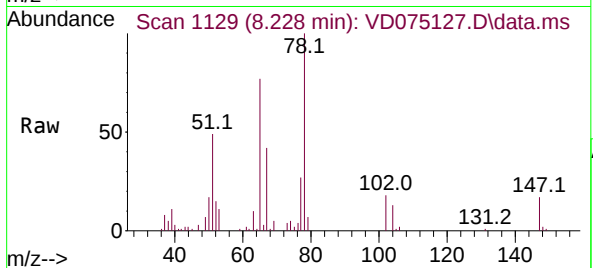
VSTDICCC050

Tgt Ion: 65 Resp: 45548

Ion Ratio Lower Upper

65 100

67 52.6 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: VD075127.D

Acq: 18 Jan 2023 12:15

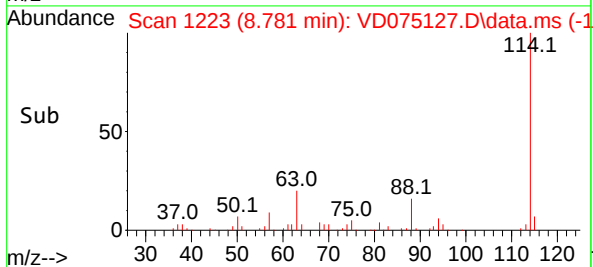
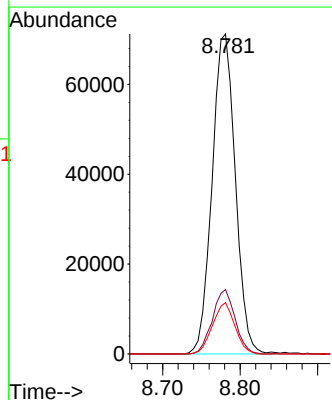
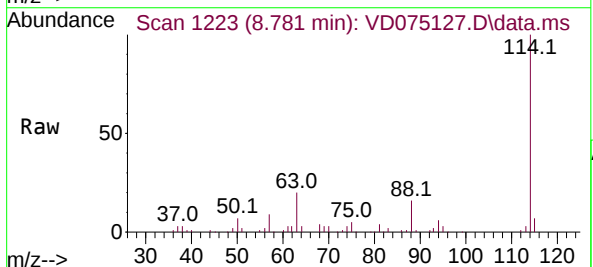
Tgt Ion: 114 Resp: 148398

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.905 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

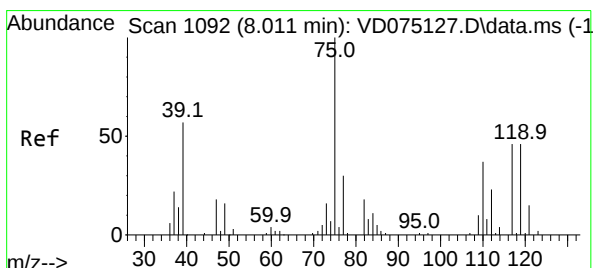
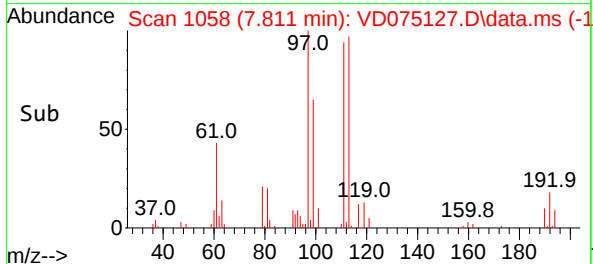
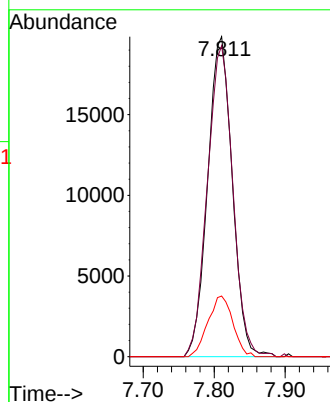
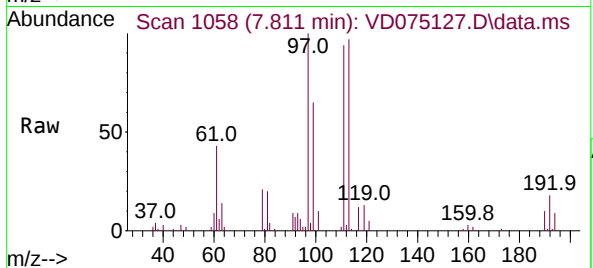
Tgt Ion:113 Resp: 47797

Ion Ratio Lower Upper

113 100

111 100.1 80.1 120.1

192 19.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 48.948 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

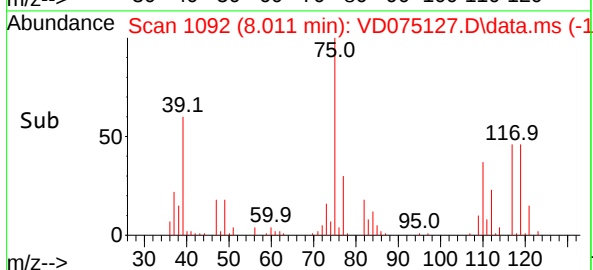
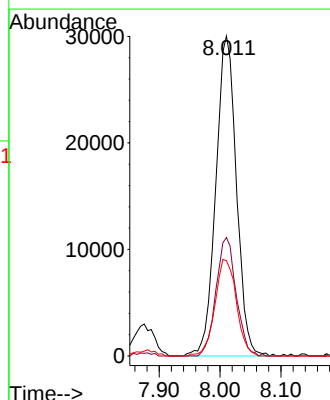
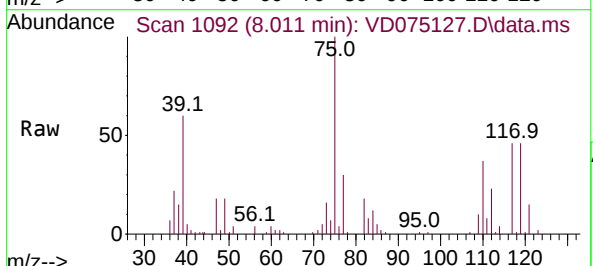
Tgt Ion: 75 Resp: 70556

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

77 31.4 25.1 37.7

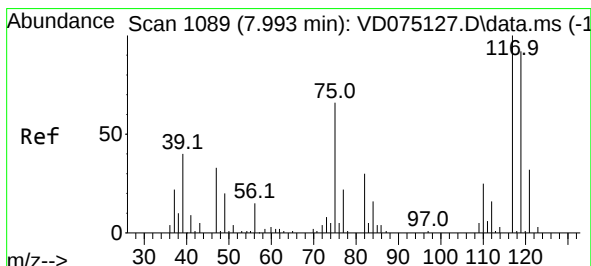
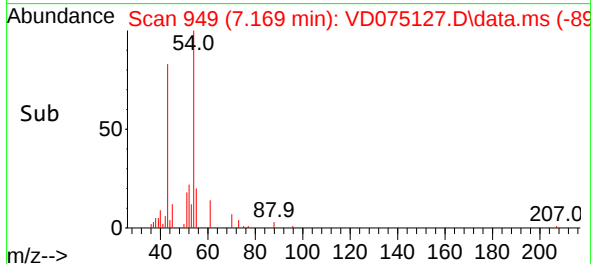
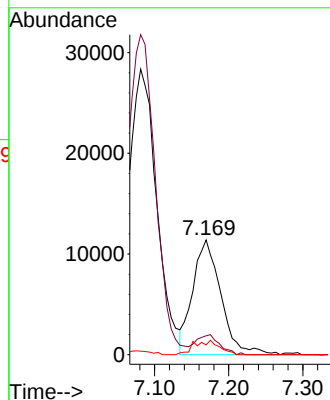
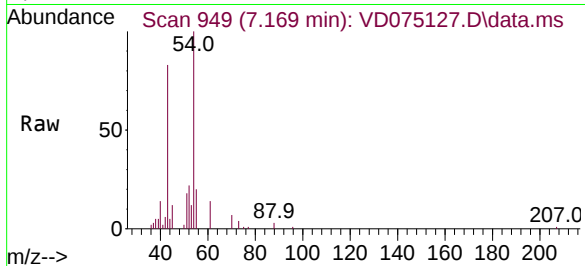




#37
Ethyl Acetate
Concen: 50.942 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

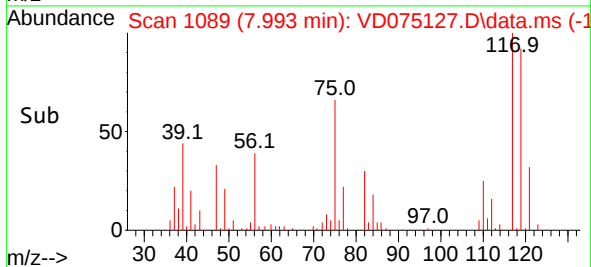
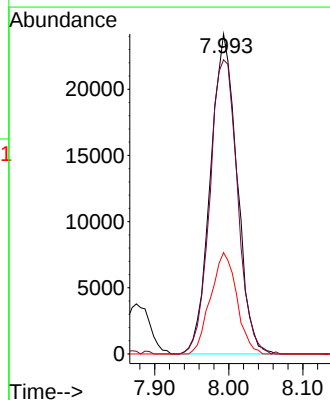
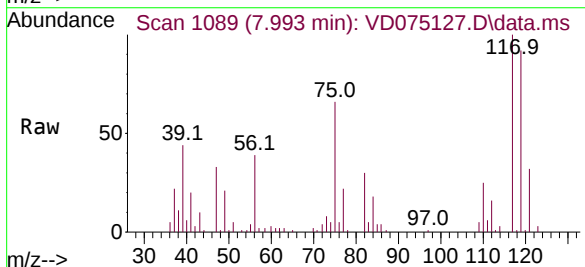
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

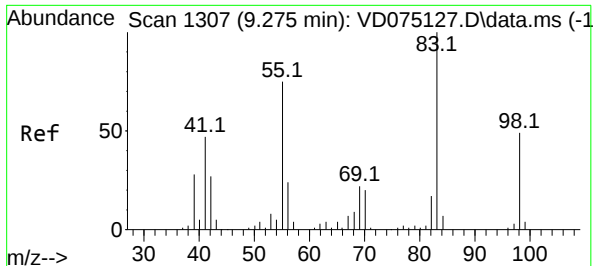
Tgt Ion: 43	Resp: 30112
Ion Ratio	Lower Upper
43 100	
61 14.6	11.7 17.5
70 11.0	8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.385 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:117	Resp: 60299		
Ion Ratio	Lower	Upper	
117 100			
119 92.0	73.6	110.4	
121 31.7	25.4	38.0	





#39

Methylcyclohexane

Concen: 47.867 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

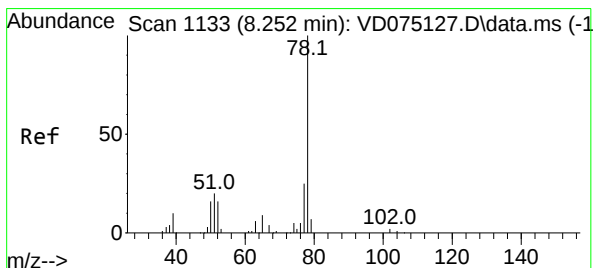
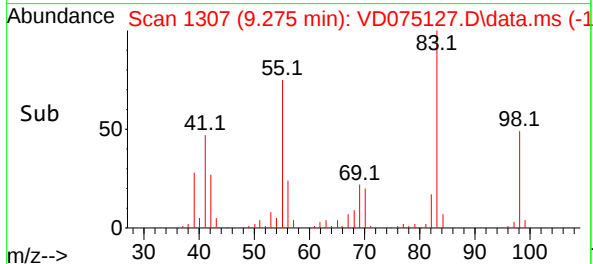
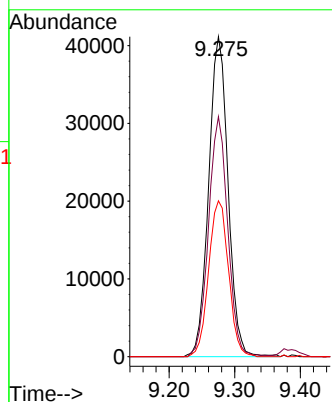
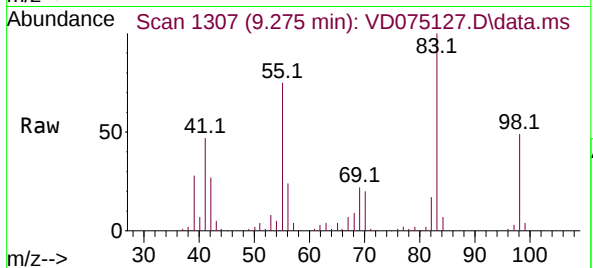
Tgt Ion: 83 Resp: 84588

Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

98 48.7 39.0 58.4



#40

Benzene

Concen: 52.107 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075127.D

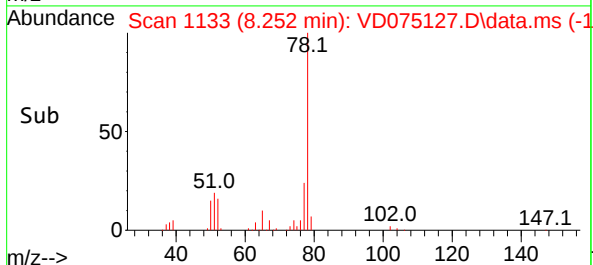
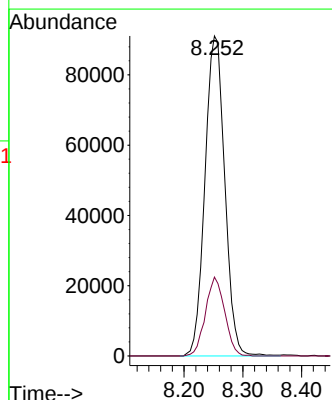
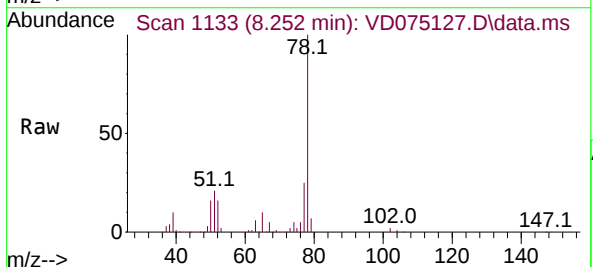
Acq: 18 Jan 2023 12:15

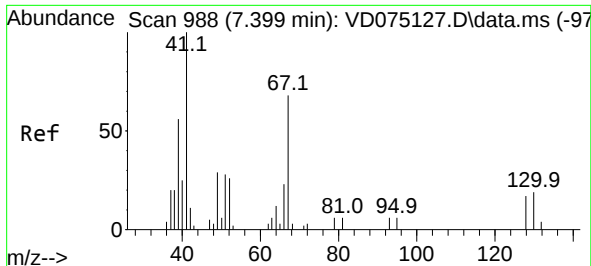
Tgt Ion: 78 Resp: 213325

Ion Ratio Lower Upper

78 100

77 24.7 19.8 29.6

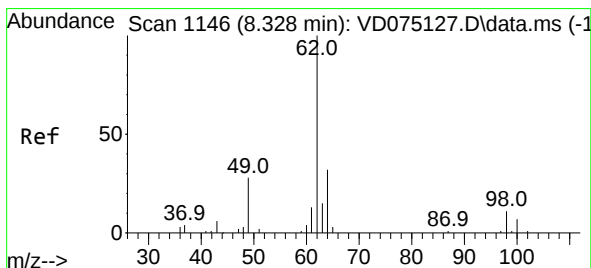
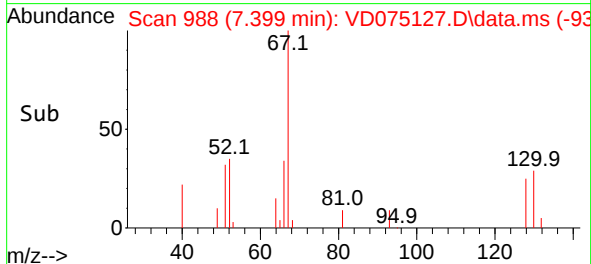
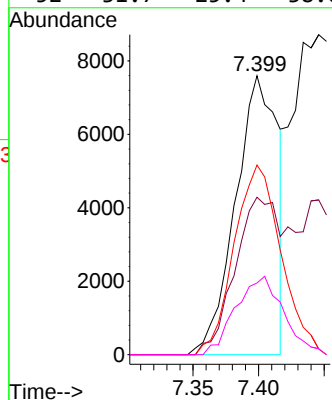
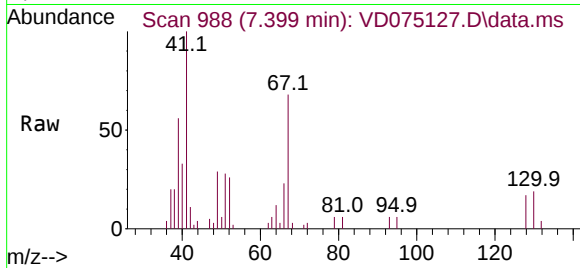




#41
Methacrylonitrile
Concen: 47.721 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

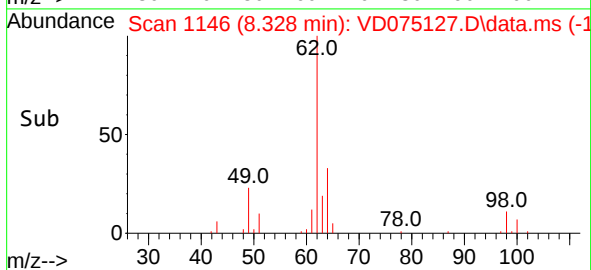
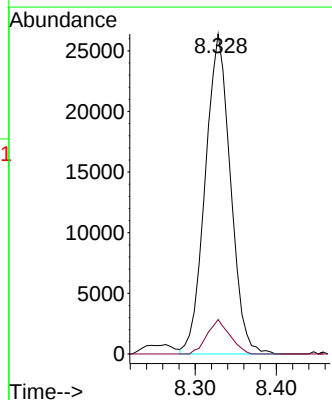
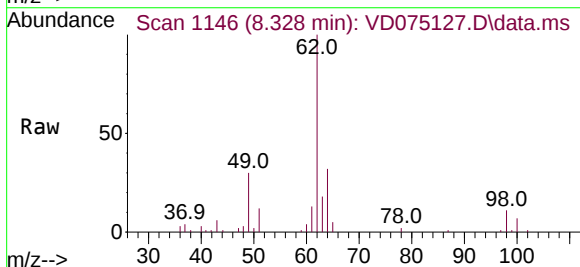
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

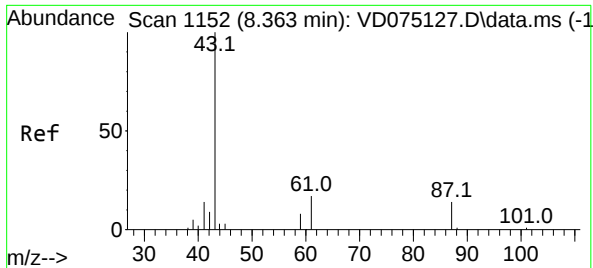
Tgt Ion:	41	Resp:	16994
Ion	Ratio	Lower	Upper
41	100		
39	72.2	57.8	86.6
67	75.6	60.5	90.7
52	31.7	25.4	38.0



#42
1,2-Dichloroethane
Concen: 52.528 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:	62	Resp:	56986
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

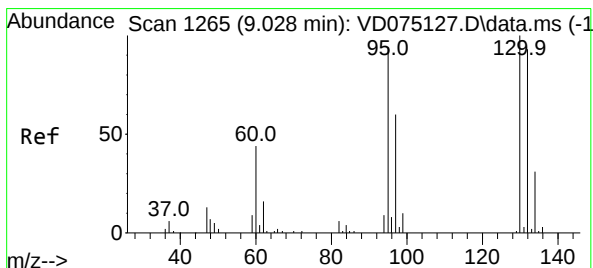
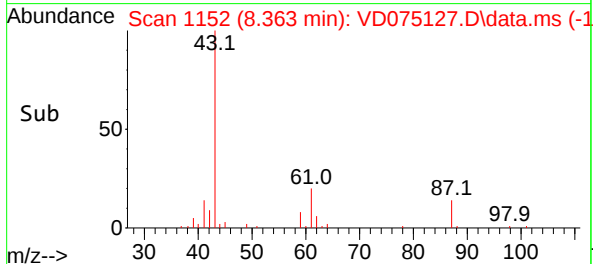
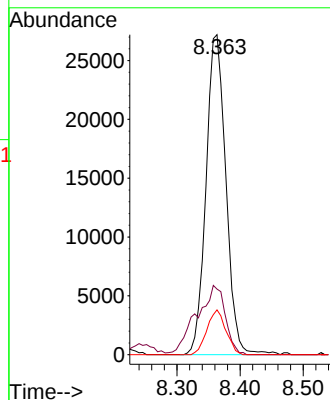
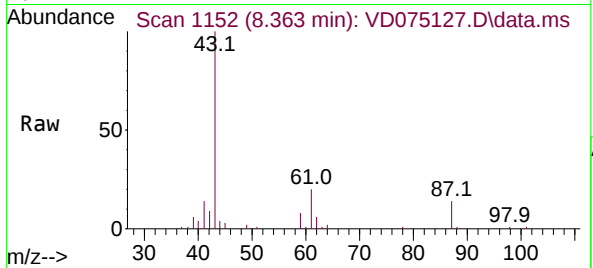




#43
Isopropyl Acetate
Concen: 52.715 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

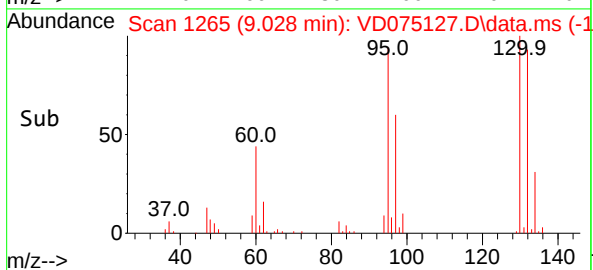
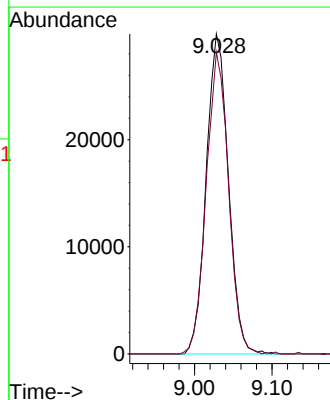
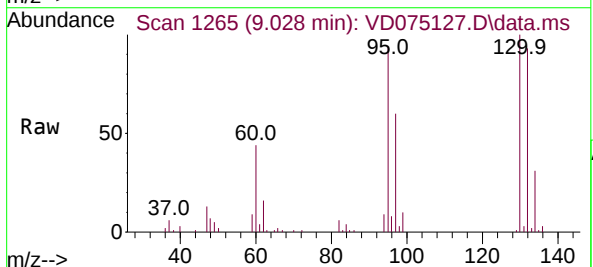
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

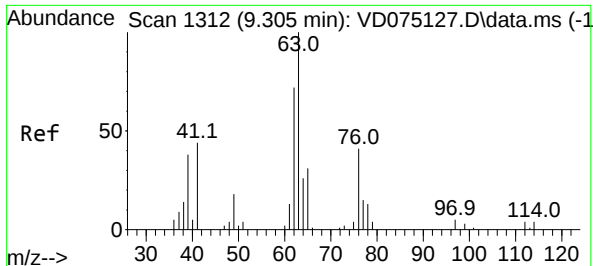
Tgt Ion: 43 Resp: 59554
Ion Ratio Lower Upper
43 100
61 31.3 25.0 37.6
87 13.3 10.6 16.0



#44
Trichloroethene
Concen: 51.955 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:130 Resp: 59422
Ion Ratio Lower Upper
130 100
95 94.3 0.0 188.6





#45

1,2-Dichloropropane

Concen: 52.282 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

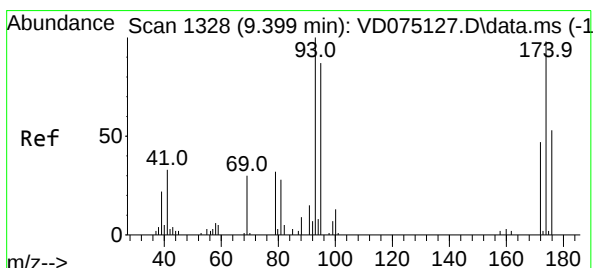
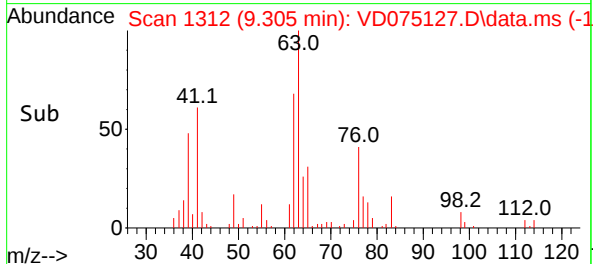
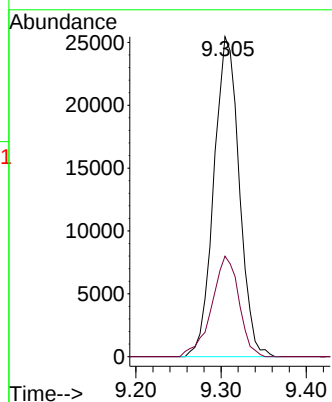
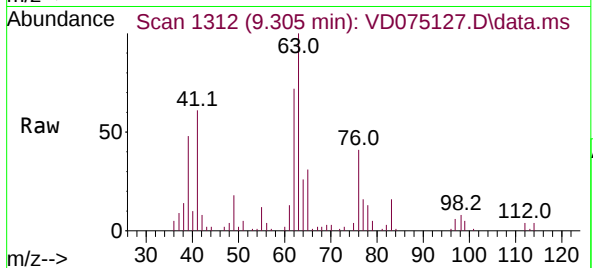
VSTDICCC050

Tgt Ion: 63 Resp: 52662

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 52.746 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

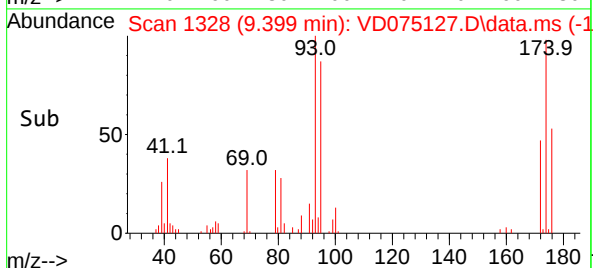
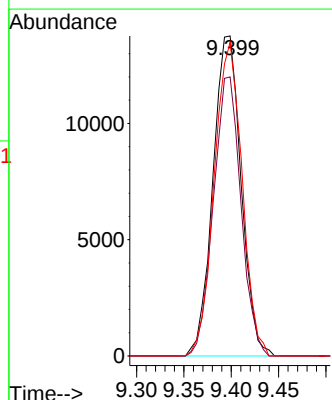
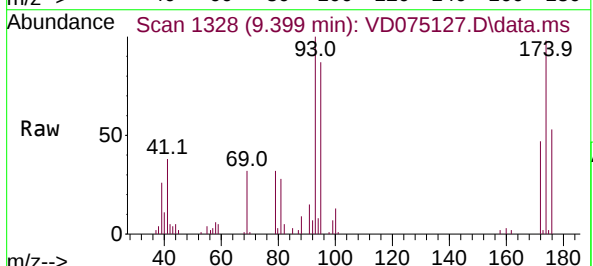
Tgt Ion: 93 Resp: 28418

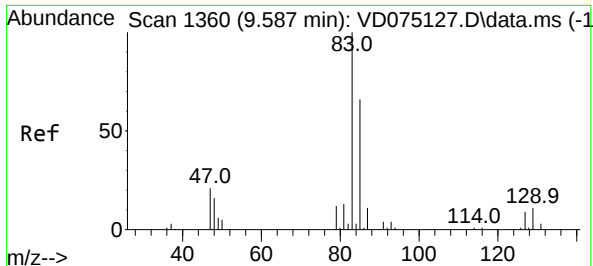
Ion Ratio Lower Upper

93 100

95 85.4 68.3 102.5

174 96.7 77.4 116.0

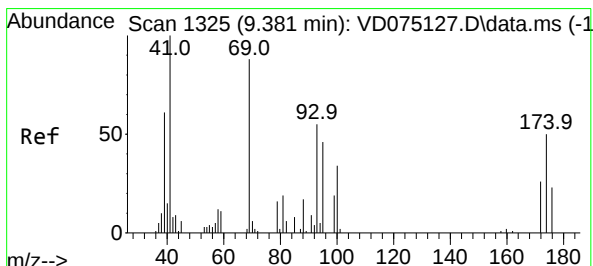
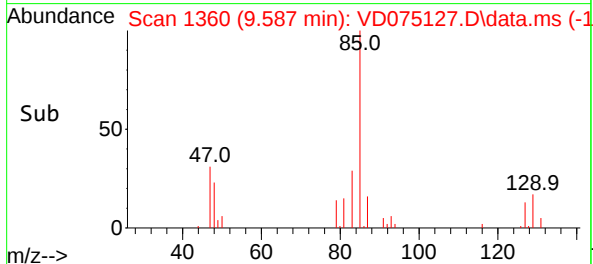
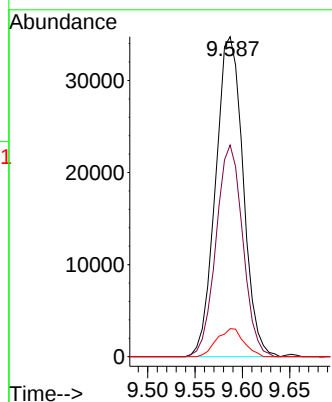
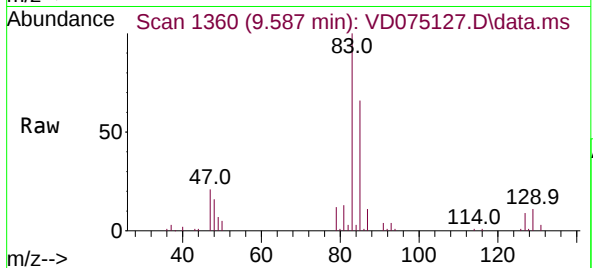




#47
Bromodichloromethane
Concen: 53.156 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

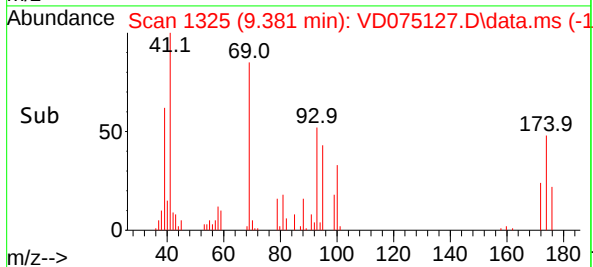
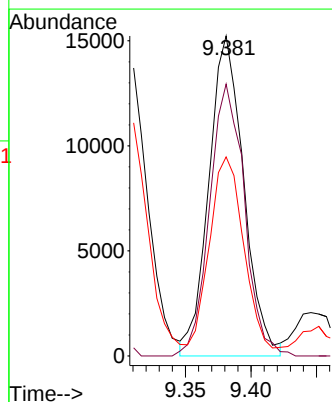
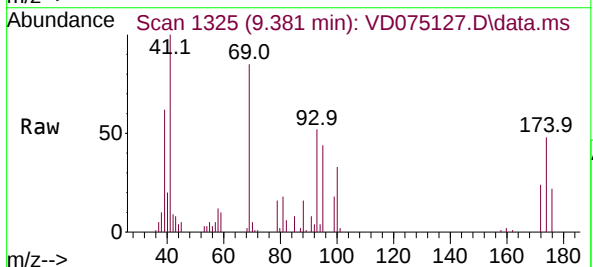
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

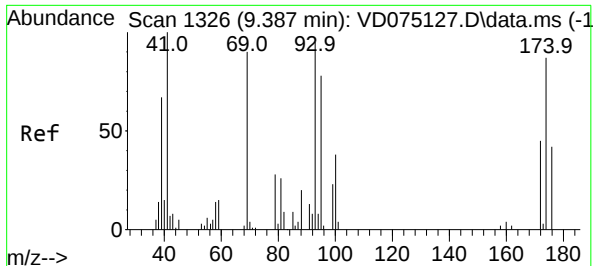
Tgt Ion: 83 Resp: 70193
Ion Ratio Lower Upper
83 100
85 66.2 53.0 79.4
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 51.251 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 41 Resp: 28151
Ion Ratio Lower Upper
41 100
69 84.7 67.8 101.6
39 57.5 46.0 69.0





#49

1,4-Dioxane

Concen: 1038.698 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

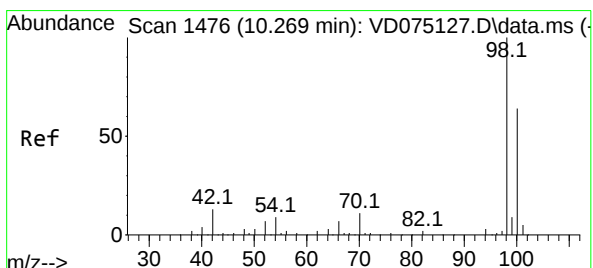
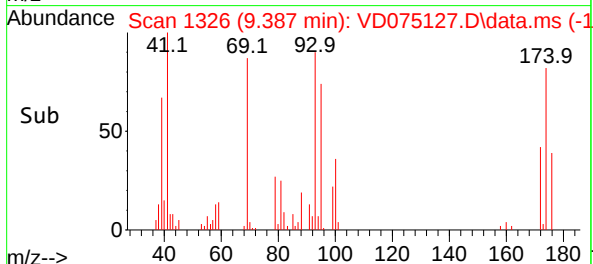
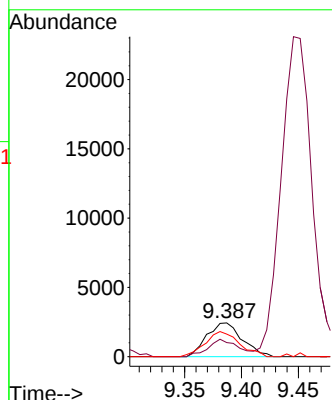
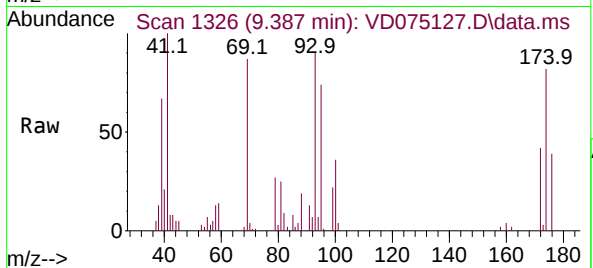
Tgt Ion: 88 Resp: 5280

Ion Ratio Lower Upper

88 100

43 44.5 35.6 53.4

58 71.8 57.4 86.2



#50

Toluene-d8

Concen: 52.044 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075127.D

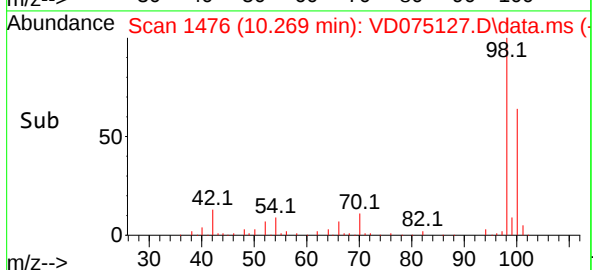
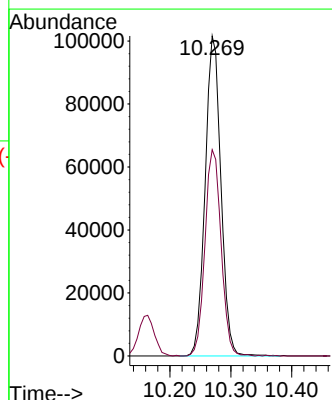
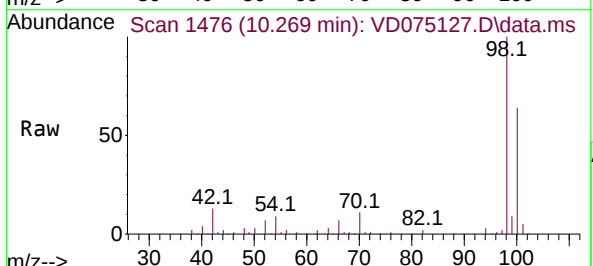
Acq: 18 Jan 2023 12:15

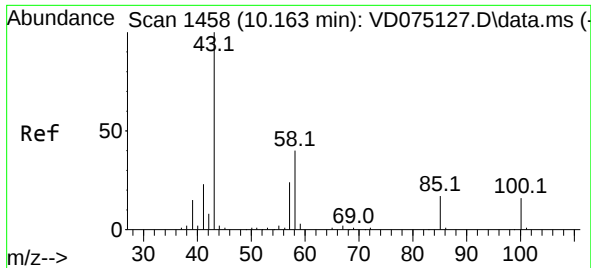
Tgt Ion: 98 Resp: 182874

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 260.518 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

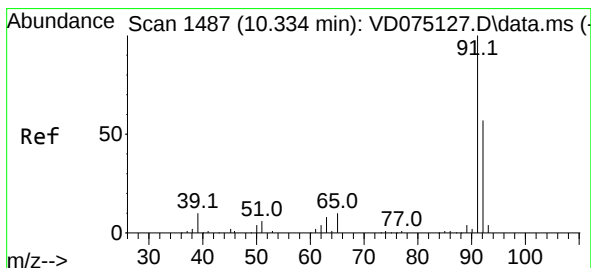
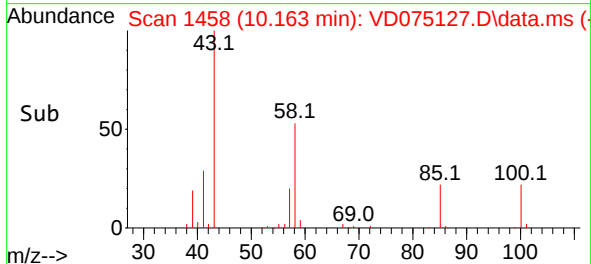
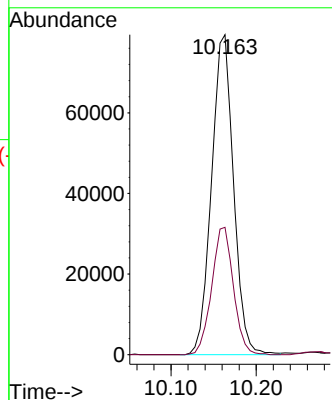
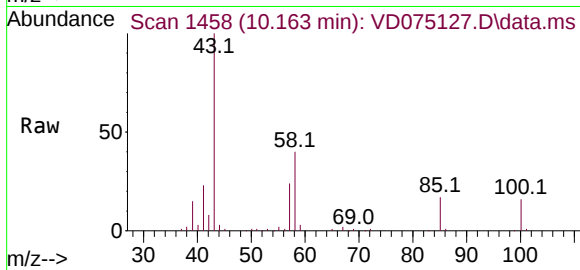
VSTDICCC050

Tgt Ion: 43 Resp: 142443

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0



#52

Toluene

Concen: 52.802 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075127.D

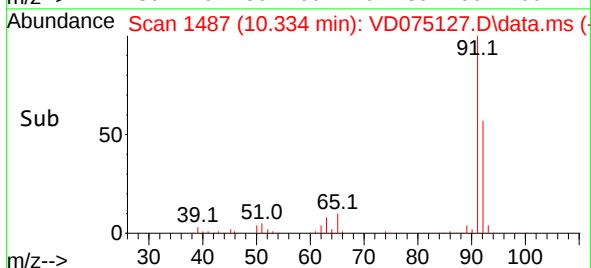
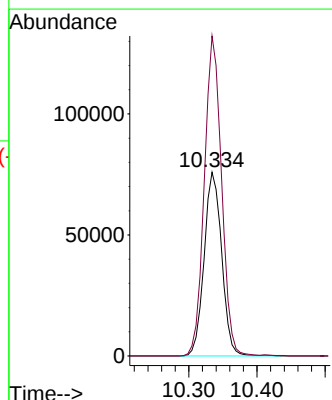
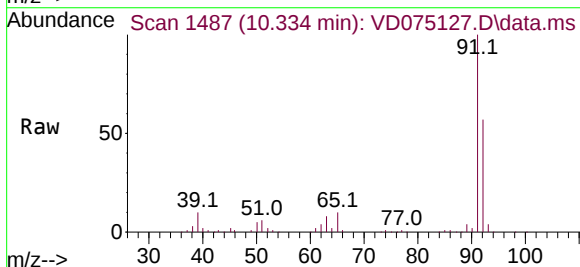
Acq: 18 Jan 2023 12:15

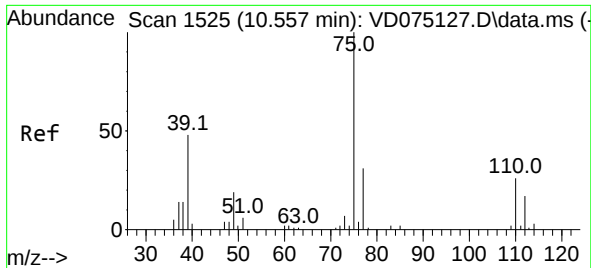
Tgt Ion: 92 Resp: 135910

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.4

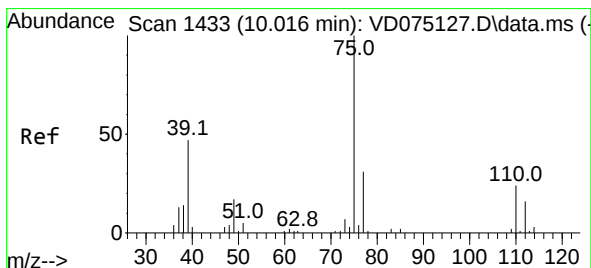
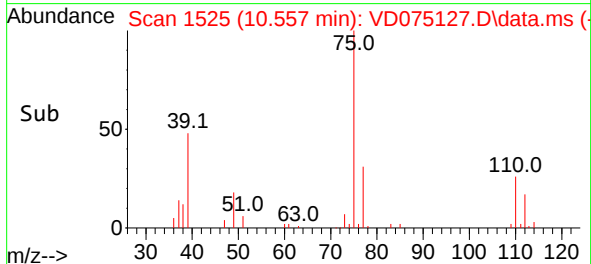
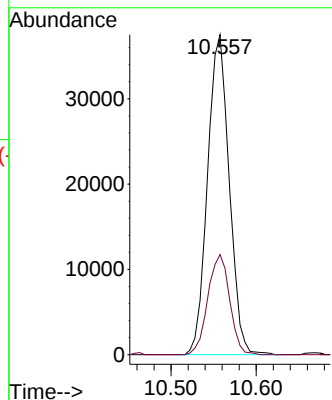
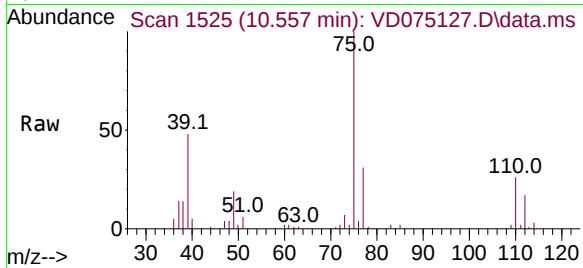




#53
t-1,3-Dichloropropene
Concen: 53.085 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

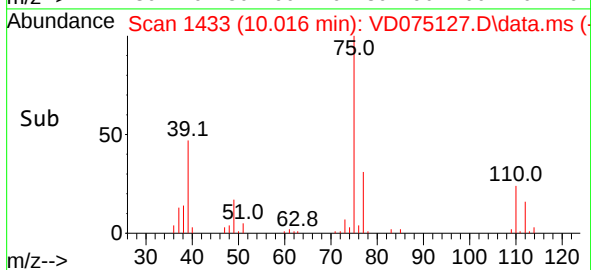
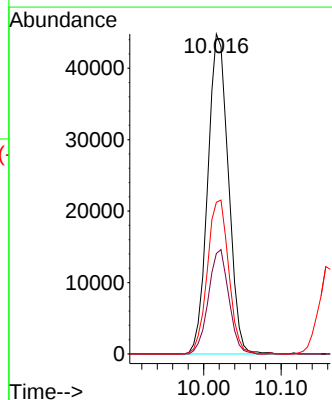
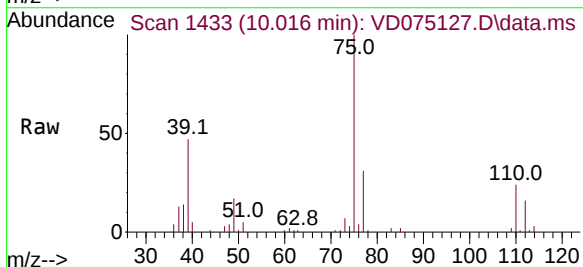
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

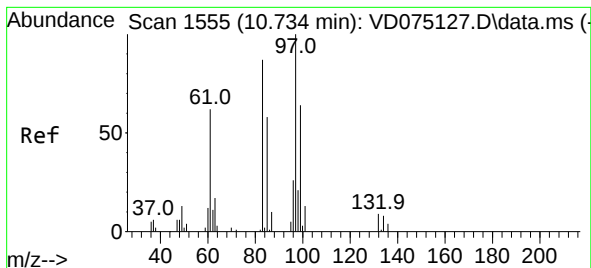
Tgt Ion: 75 Resp: 66290
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.917 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 75 Resp: 82581
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 47.4 37.9 56.9

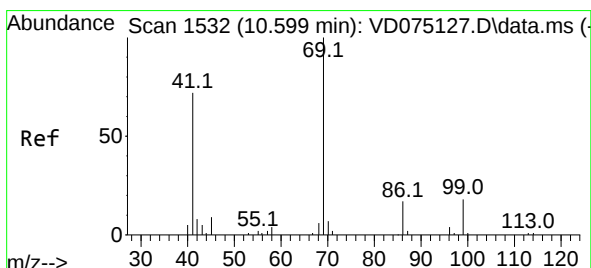
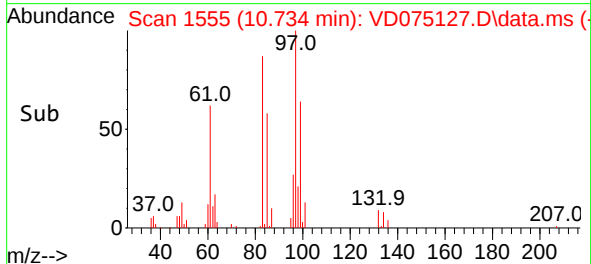
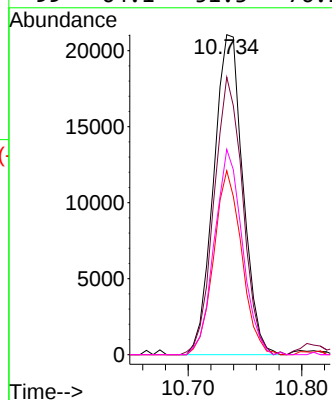
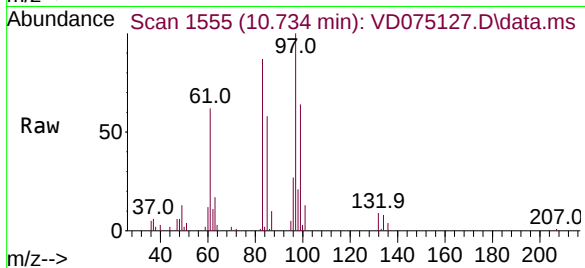




#55
1,1,2-Trichloroethane
Concen: 54.216 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

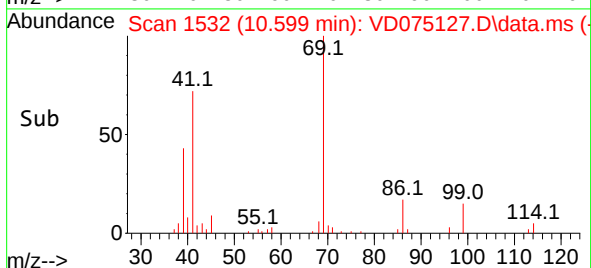
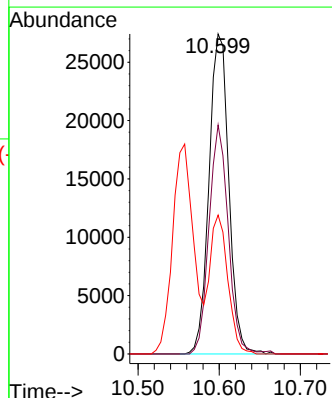
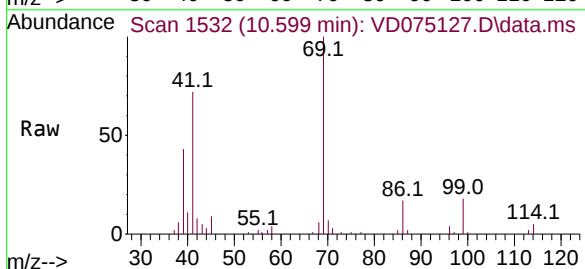
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

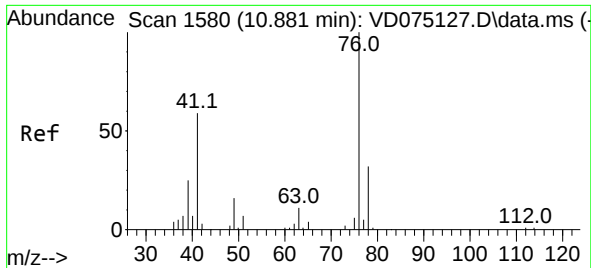
Tgt Ion:	97	Resp:	37811
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.0
85	57.5	46.0	69.0
99	64.1	51.3	76.9



#56
Ethyl methacrylate
Concen: 53.795 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:	69	Resp:	46406
Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.7	83.5
39	39.2	31.4	47.0

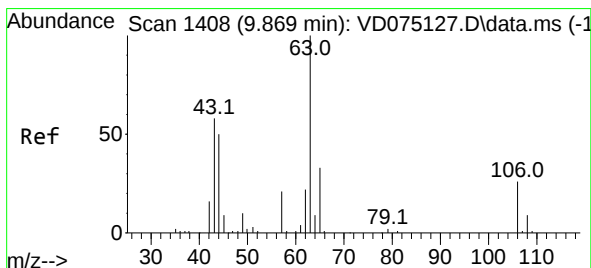
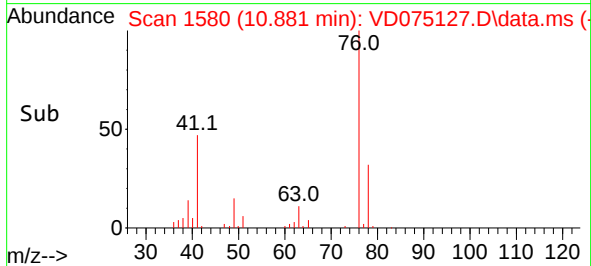
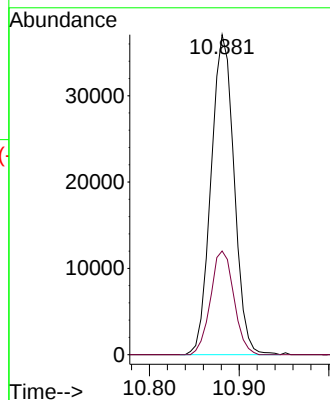
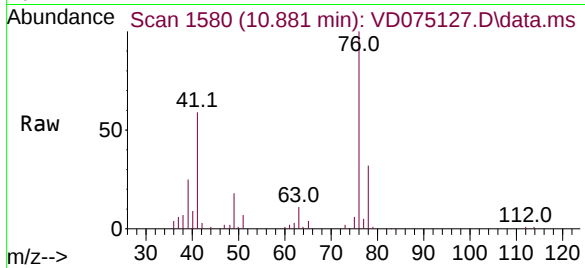




#57
1,3-Dichloropropane
Concen: 54.317 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

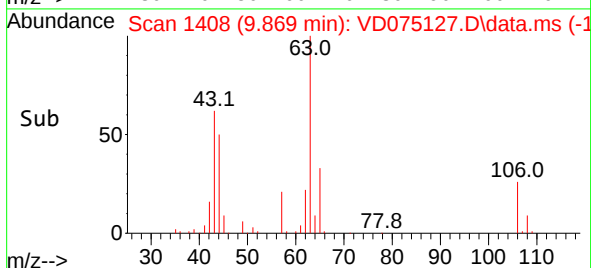
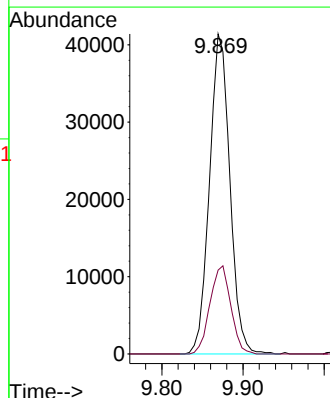
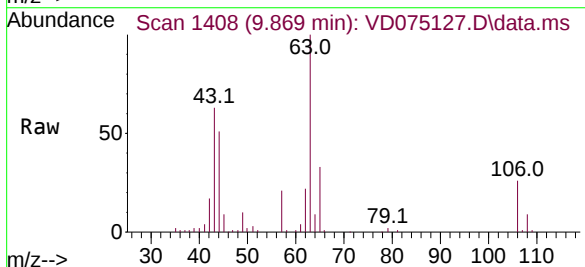
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

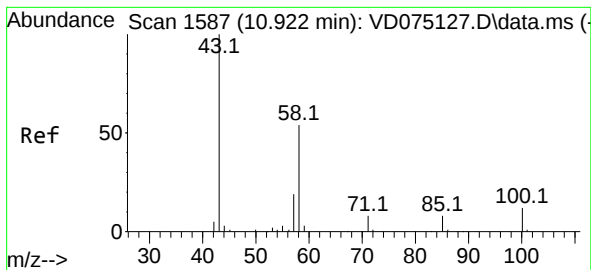
Tgt Ion: 76 Resp: 66161
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 250.224 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 63 Resp: 72168
Ion Ratio Lower Upper
63 100
106 28.2 22.6 33.8

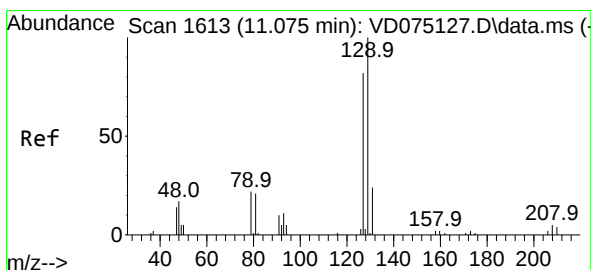
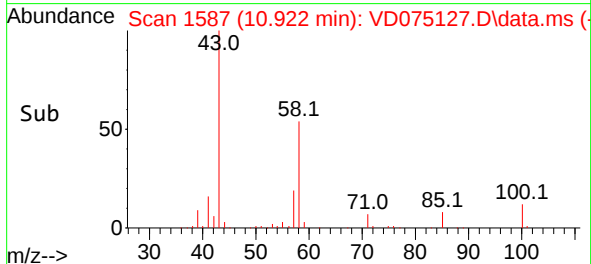
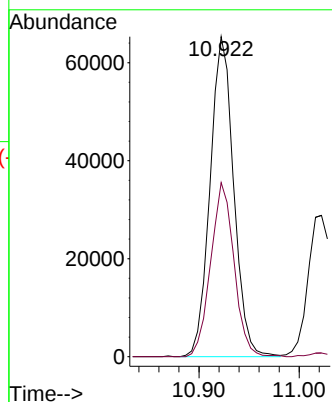
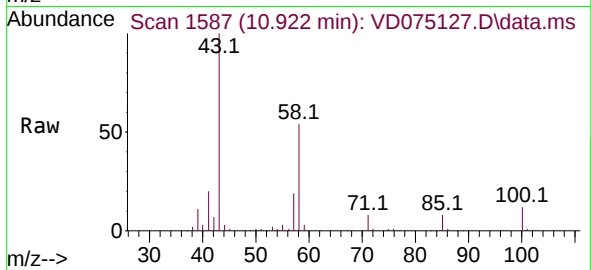




#59
2-Hexanone
Concen: 269.887 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

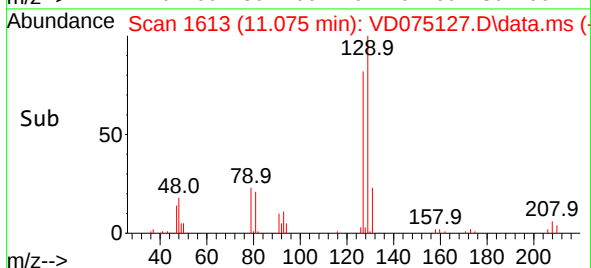
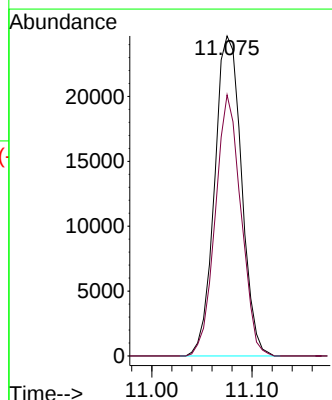
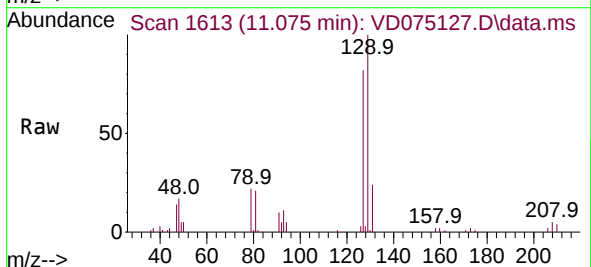
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

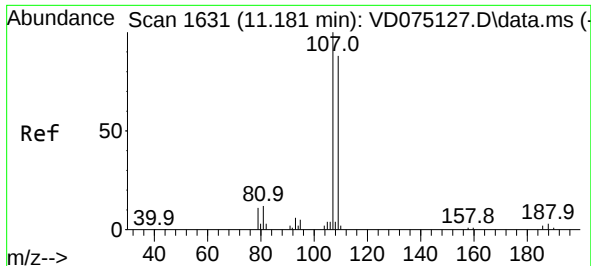
Tgt Ion: 43 Resp: 107016
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 53.885 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 129 Resp: 45958
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

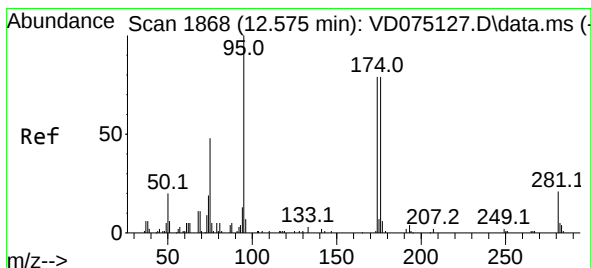
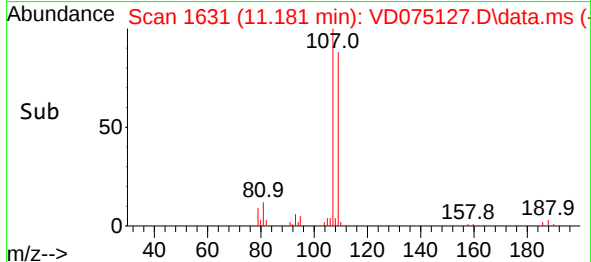
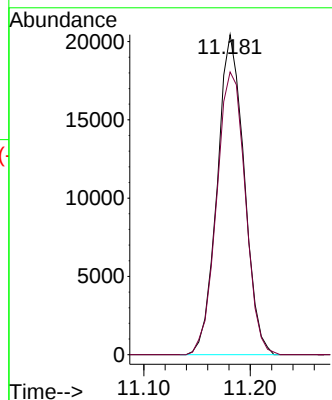
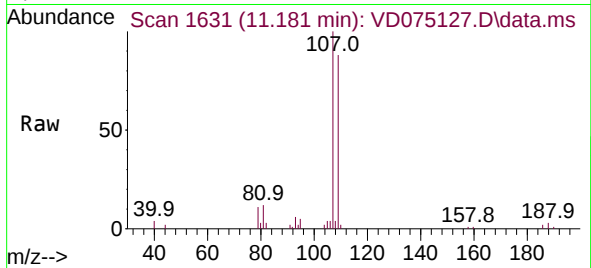




#61
1,2-Dibromoethane
Concen: 53.185 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

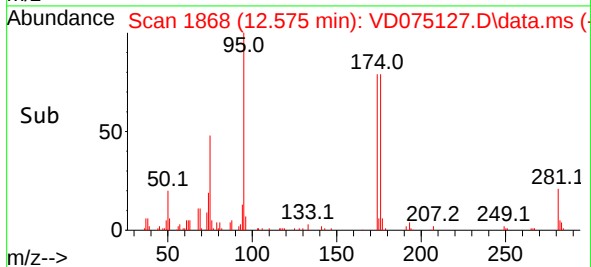
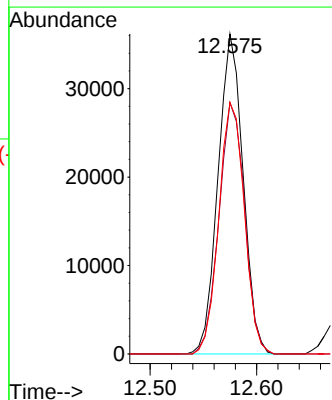
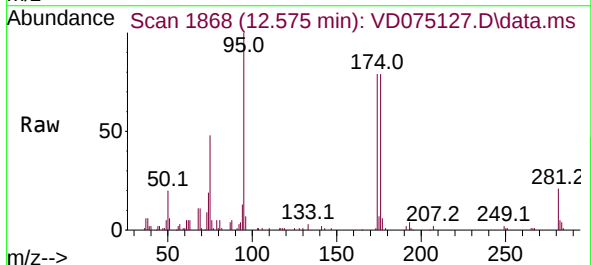
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

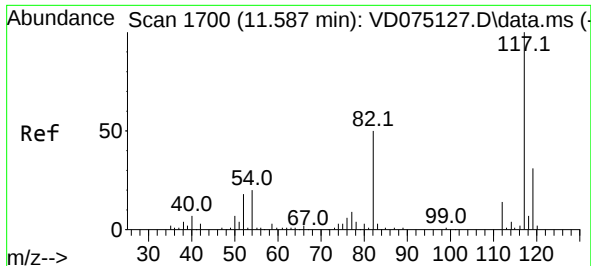
Tgt Ion:107 Resp: 35860
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.170 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 95 Resp: 58988
Ion Ratio Lower Upper
95 100
174 80.6 0.0 161.2
176 80.1 0.0 160.2

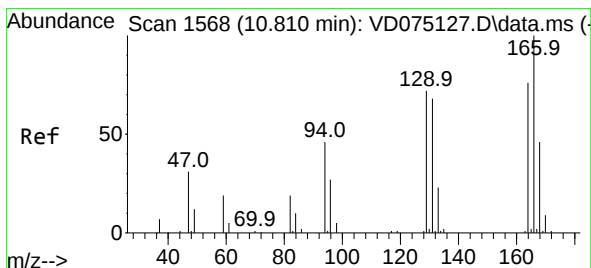
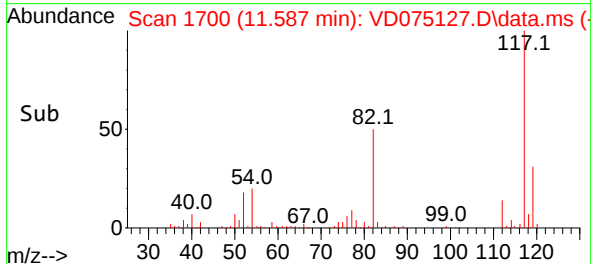
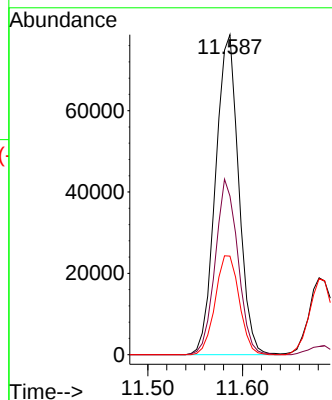
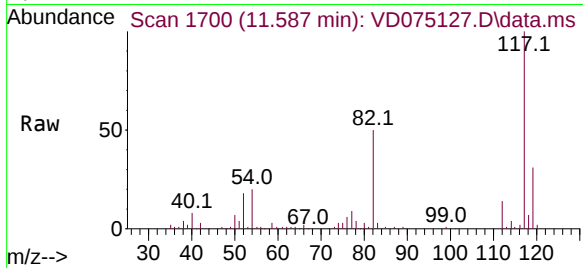




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

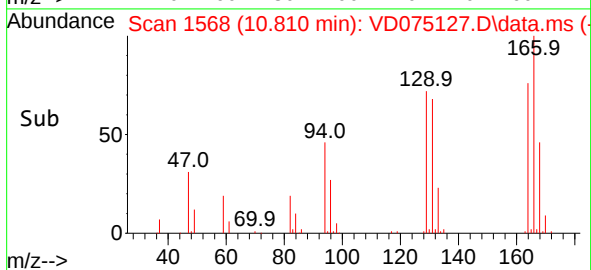
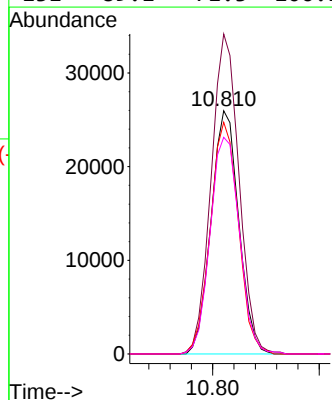
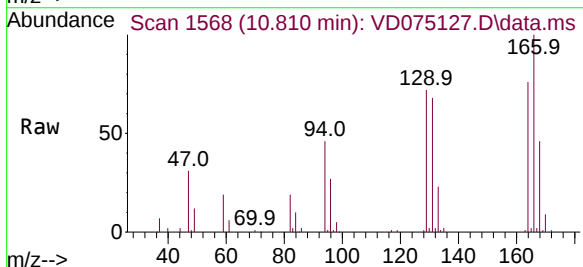
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

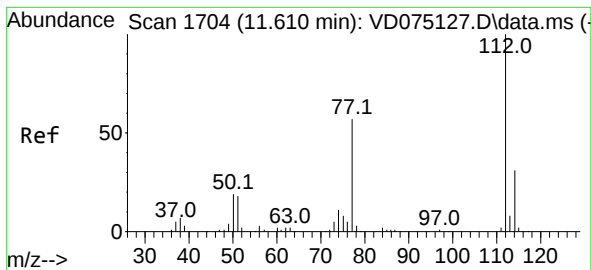
Tgt Ion:117 Resp: 133588
Ion Ratio Lower Upper
117 100
82 49.5 39.6 59.4
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 48.849 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:164 Resp: 46785
Ion Ratio Lower Upper
164 100
166 131.6 105.3 157.9
129 95.3 76.2 114.4
131 89.1 71.3 106.9





#65

Chlorobenzene

Concen: 52.125 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

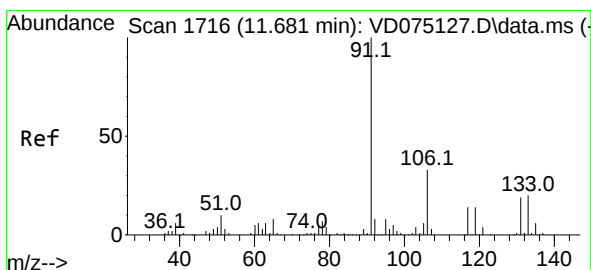
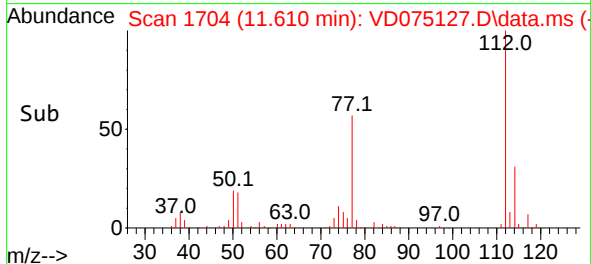
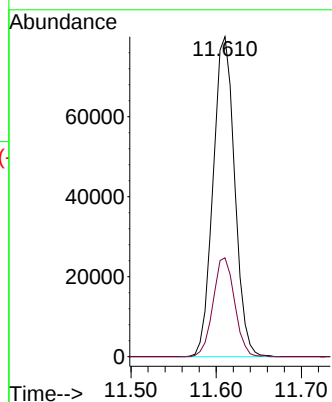
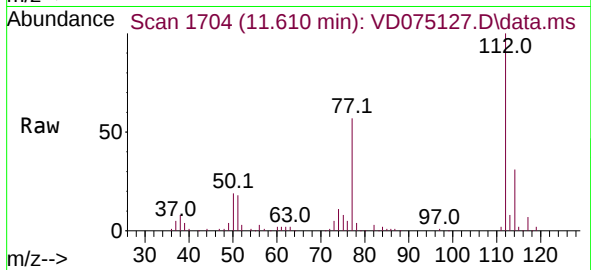
VSTDICCC050

Tgt Ion:112 Resp: 140805

Ion Ratio Lower Upper

112 100

114 30.9 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.007 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

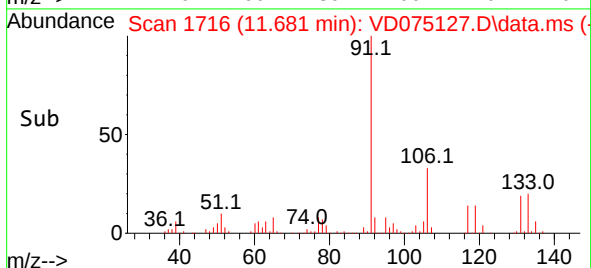
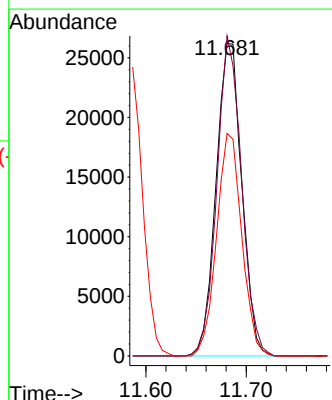
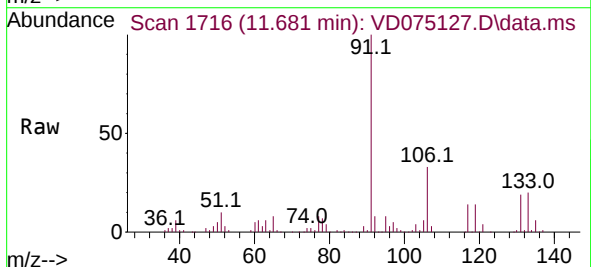
Tgt Ion:131 Resp: 46664

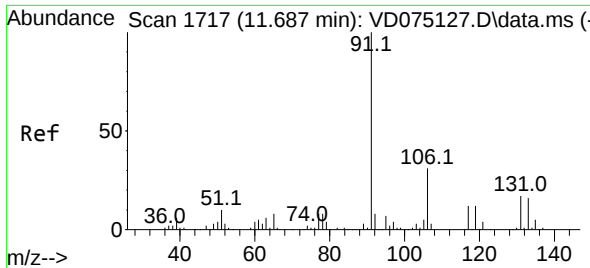
Ion Ratio Lower Upper

131 100

133 98.1 49.0 147.2

119 69.7 34.8 104.5

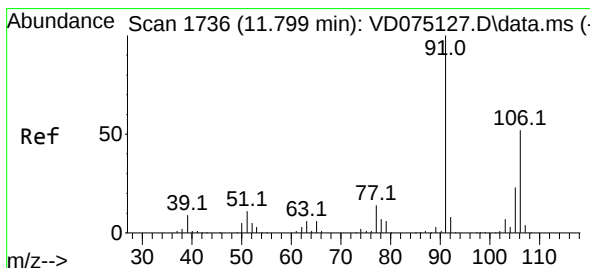
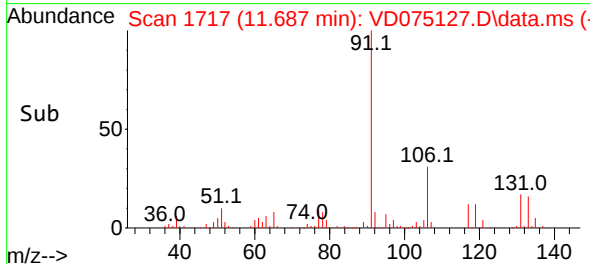
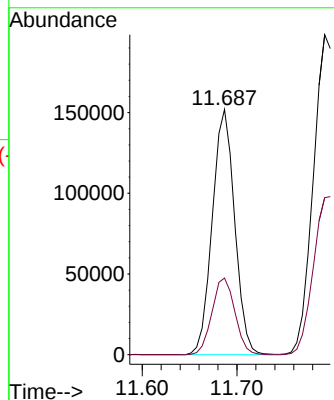
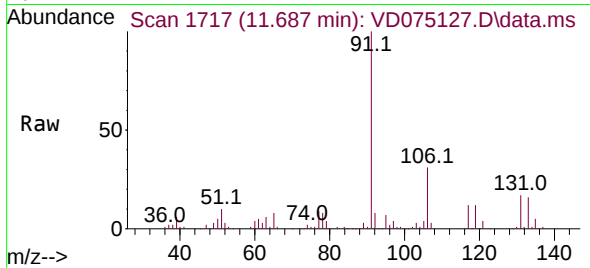




#67
Ethyl Benzene
Concen: 50.548 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

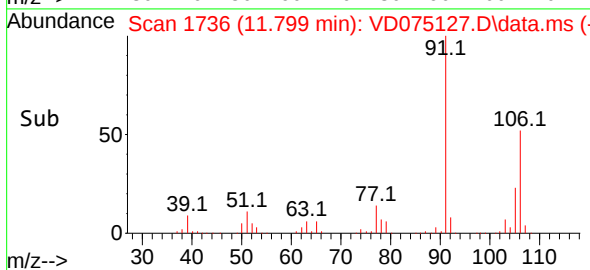
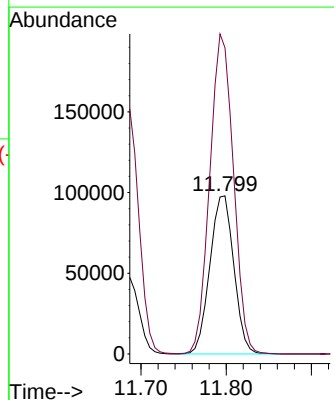
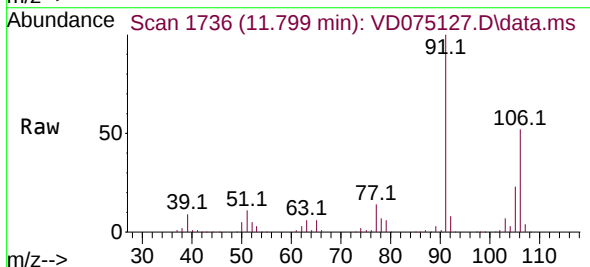
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

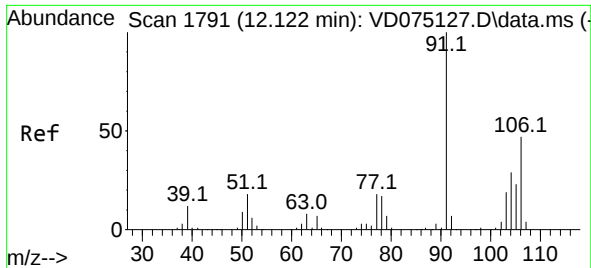
Tgt Ion: 91 Resp: 249164
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 100.990 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:106 Resp: 191827
Ion Ratio Lower Upper
106 100
91 200.4 160.3 240.5





#69

o-Xylene

Concen: 52.002 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

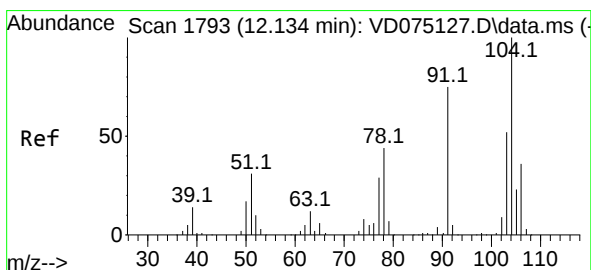
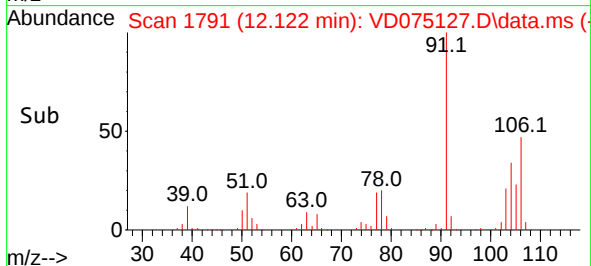
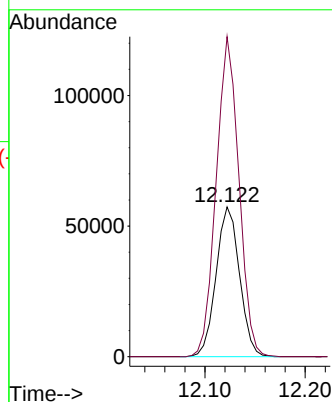
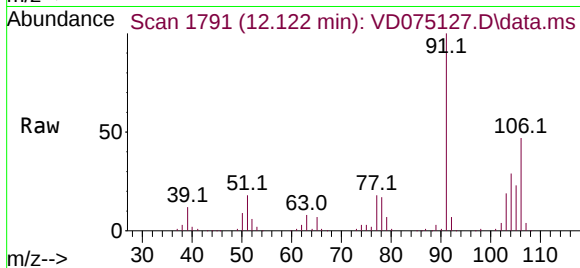
VSTDICCC050

Tgt Ion:106 Resp: 93019

Ion Ratio Lower Upper

106 100

91 207.3 103.6 310.9



#70

Styrene

Concen: 51.465 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

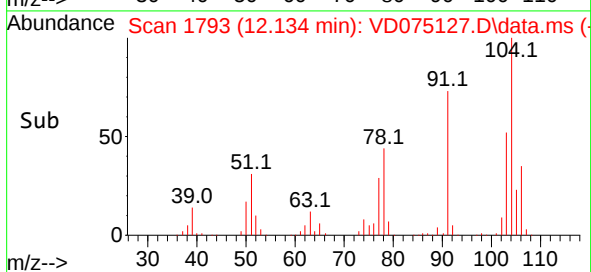
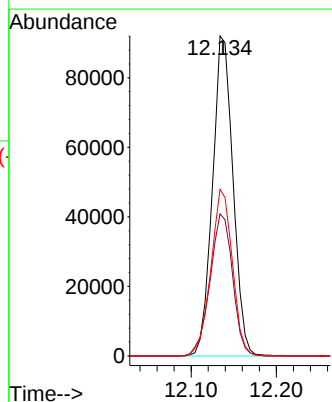
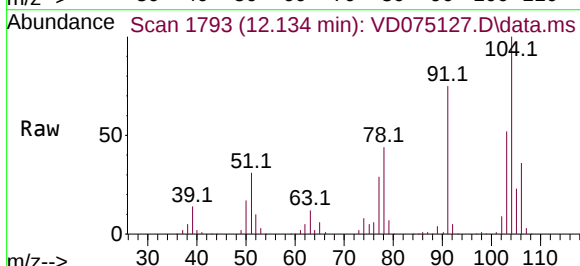
Tgt Ion:104 Resp: 154030

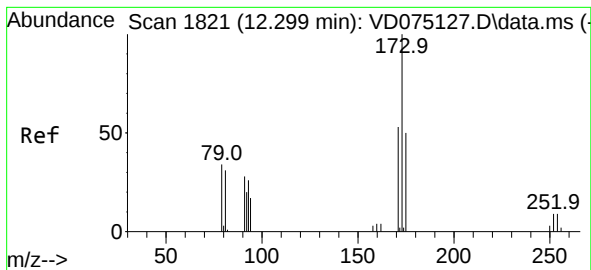
Ion Ratio Lower Upper

104 100

78 48.6 38.9 58.3

103 54.5 43.6 65.4





#71

Bromoform

Concen: 52.226 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

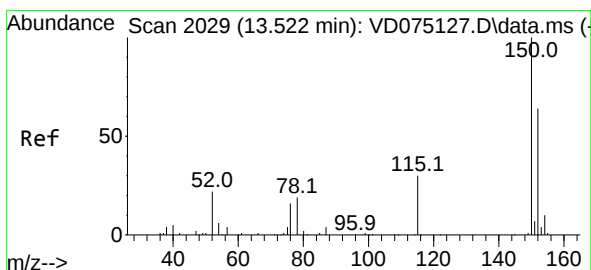
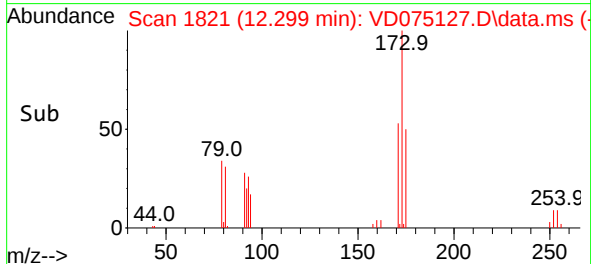
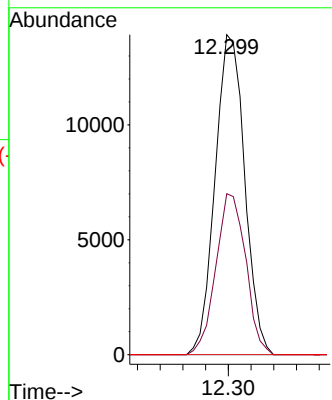
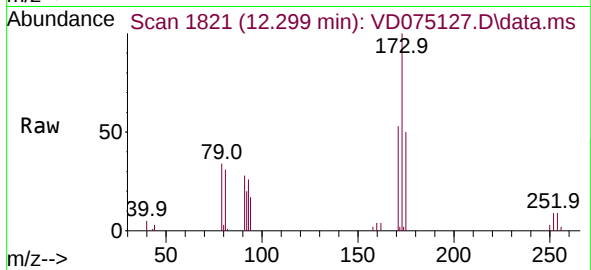
Tgt Ion:173 Resp: 25168

Ion Ratio Lower Upper

173 100

175 50.7 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: VD075127.D

Acq: 18 Jan 2023 12:15

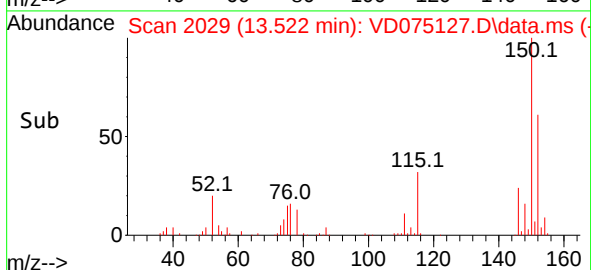
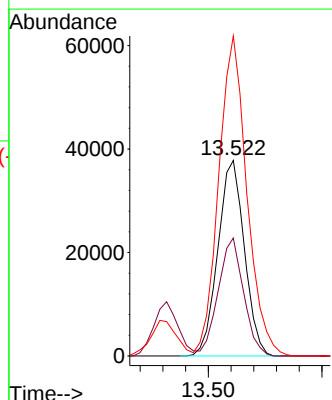
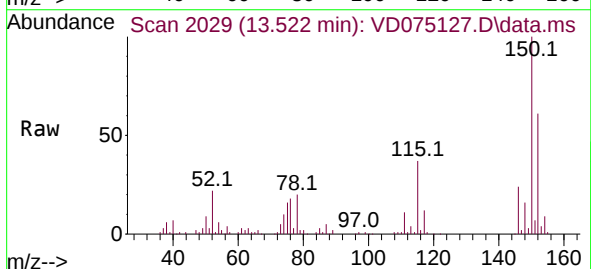
Tgt Ion:152 Resp: 61111

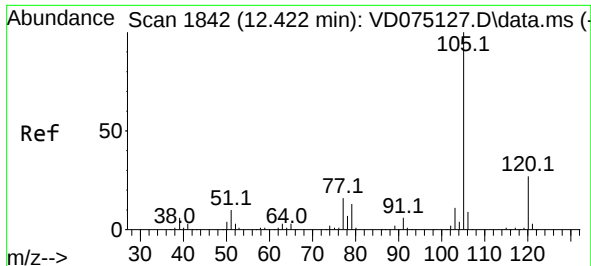
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.4

150 174.3 0.0 348.6

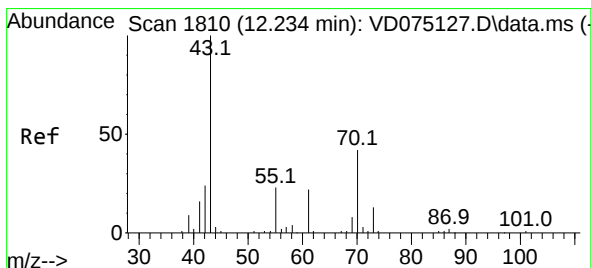
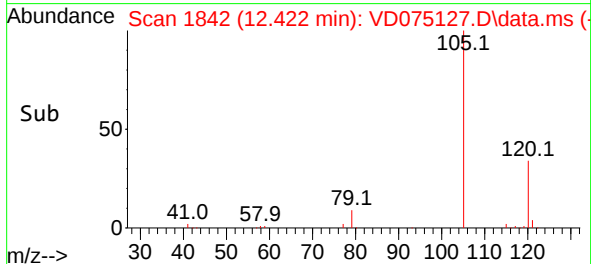
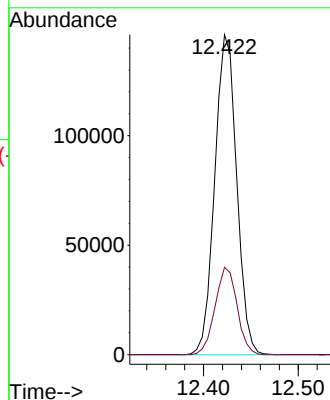
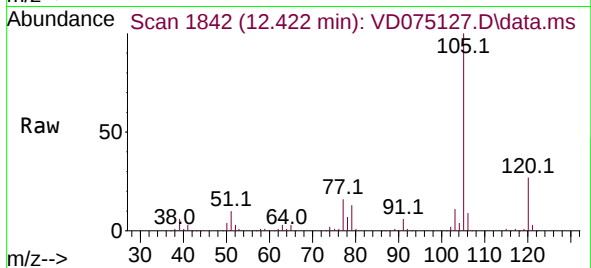




#73
Isopropylbenzene
Concen: 49.158 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

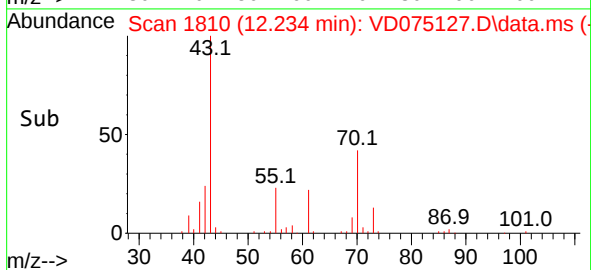
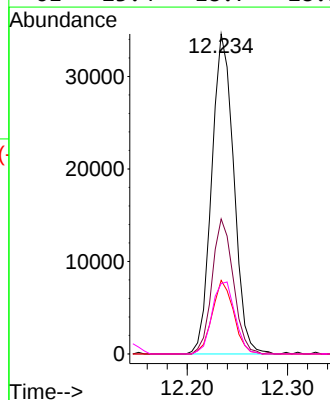
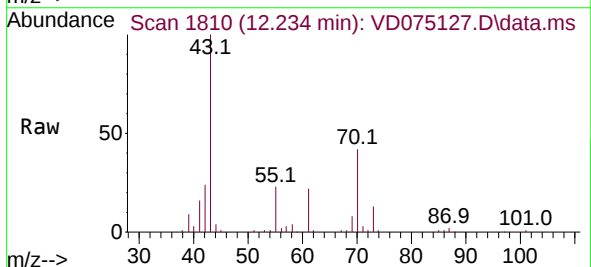
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

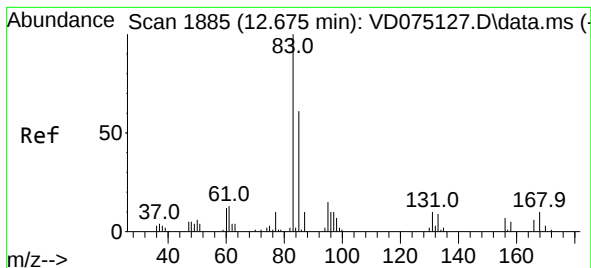
Tgt Ion:105 Resp: 235104
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 50.295 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 43 Resp: 52870
Ion Ratio Lower Upper
43 100
70 40.8 32.6 49.0
55 22.3 17.8 26.8
61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.609 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

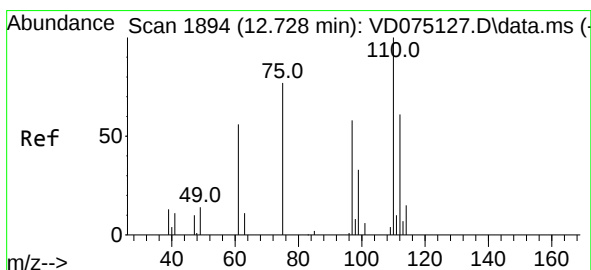
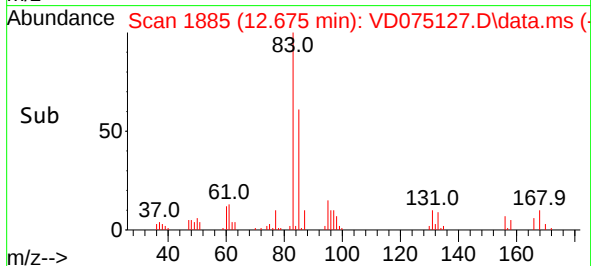
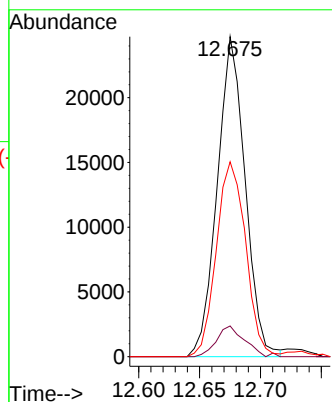
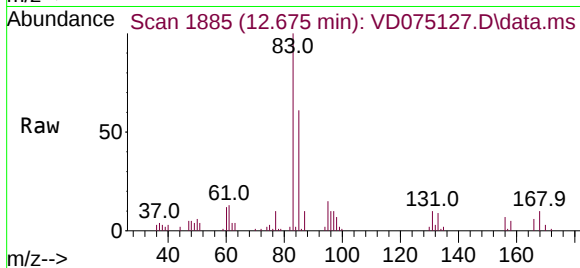
Tgt Ion: 83 Resp: 39439

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 87.607 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075127.D

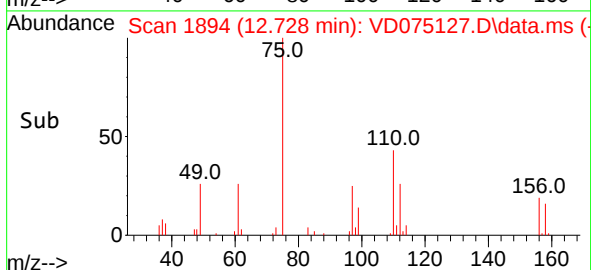
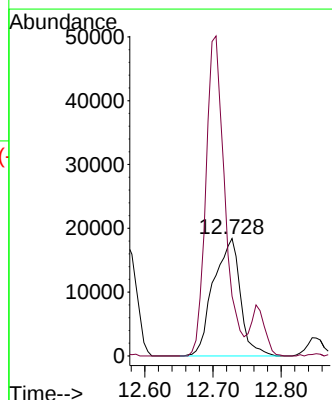
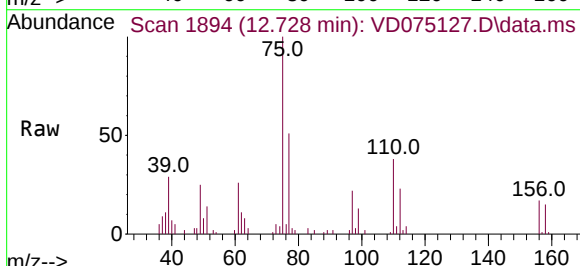
Acq: 18 Jan 2023 12:15

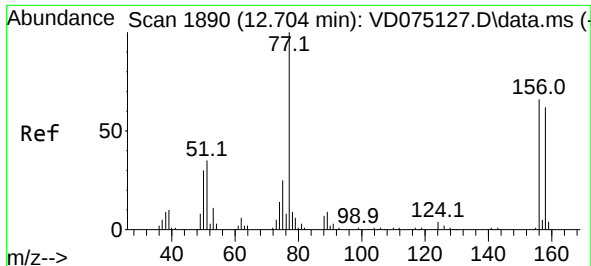
Tgt Ion: 75 Resp: 50501

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

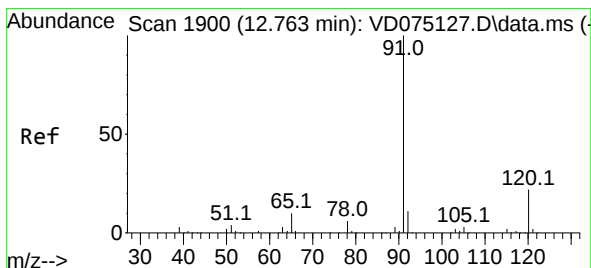
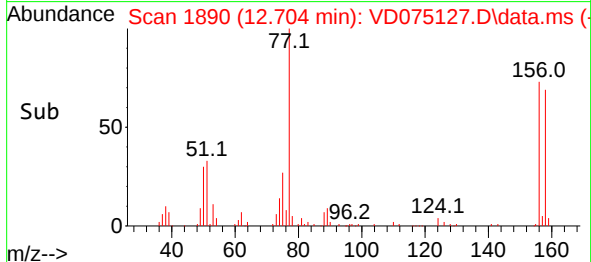
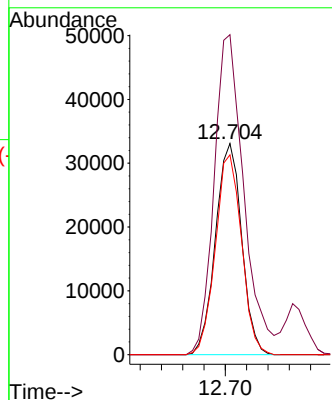
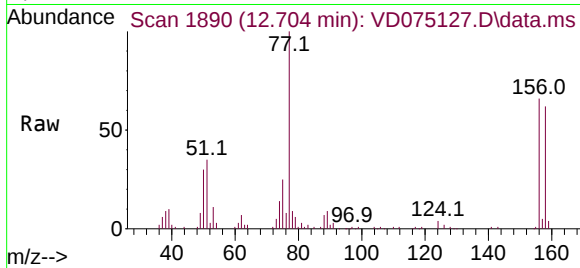




#77
Bromobenzene
Concen: 52.012 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

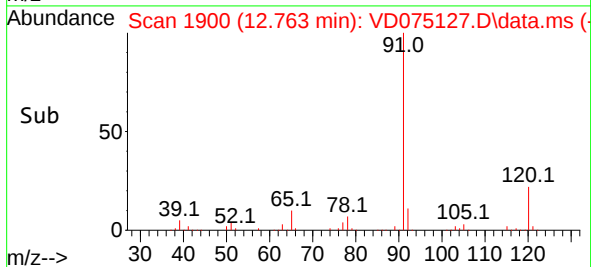
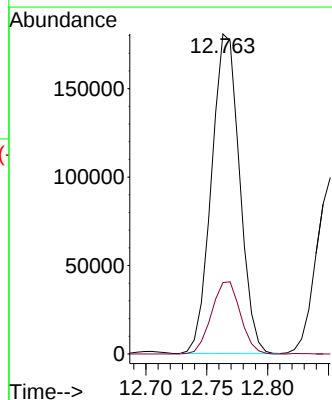
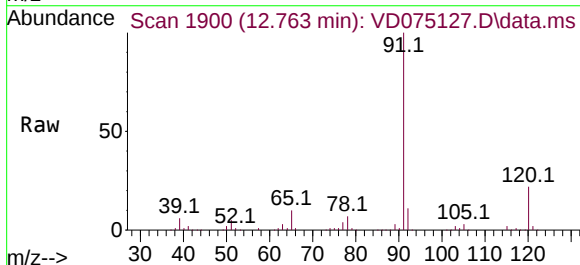
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

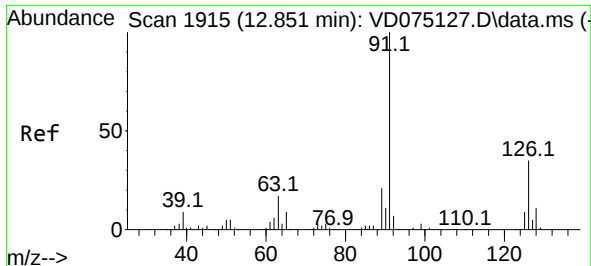
Tgt Ion:156 Resp: 56500
Ion Ratio Lower Upper
156 100
77 171.2 85.6 256.8
158 94.6 47.3 141.9



#78
n-propylbenzene
Concen: 48.790 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 91 Resp: 289455
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0

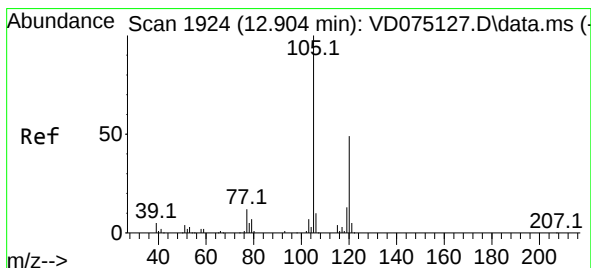
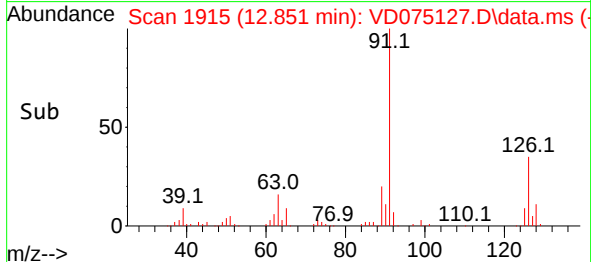
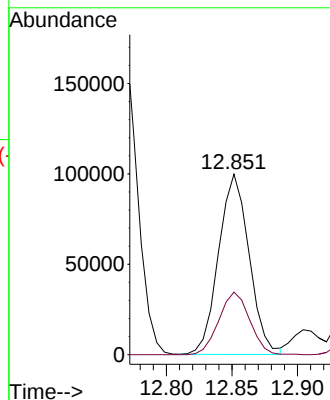
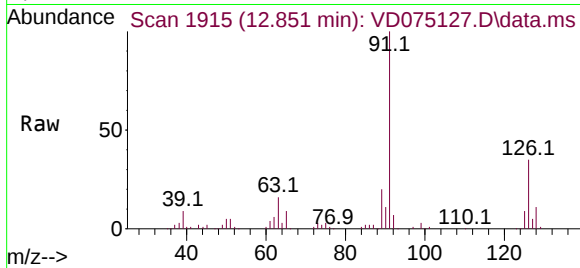




#79
2-Chlorotoluene
Concen: 49.737 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

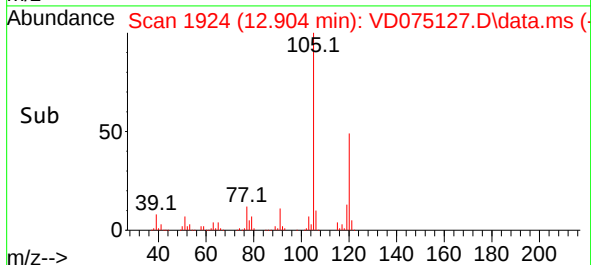
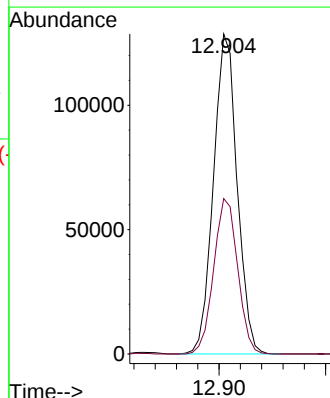
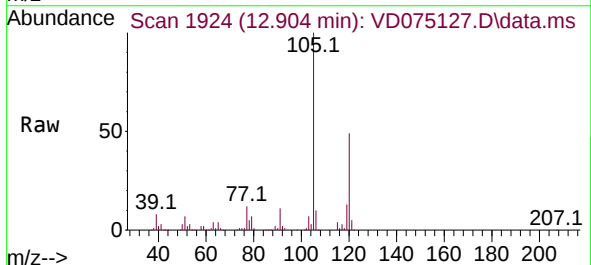
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

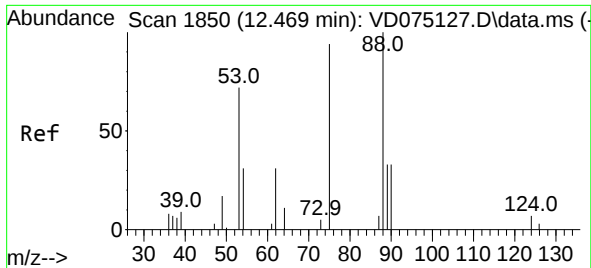
Tgt Ion: 91 Resp: 161808
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.404 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 105 Resp: 198123
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

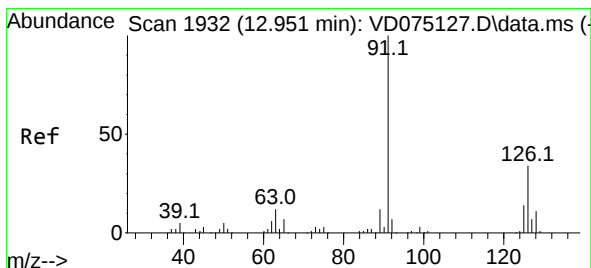
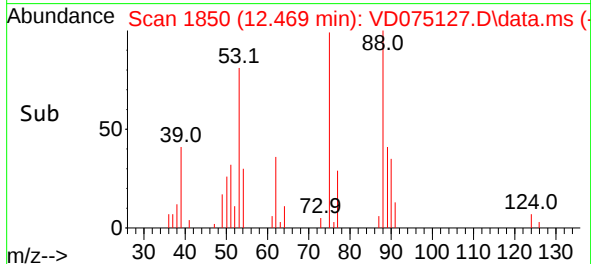
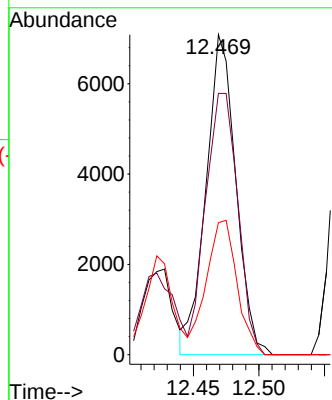
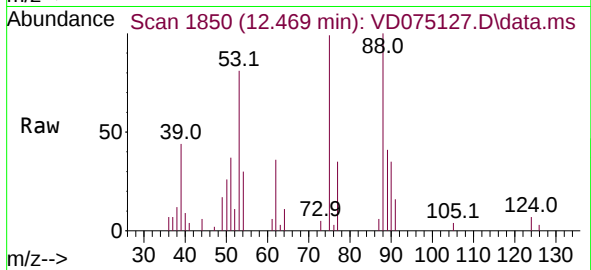




#81
trans-1,4-Dichloro-2-butene
Concen: 50.803 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

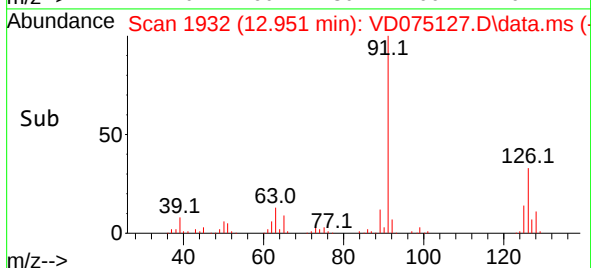
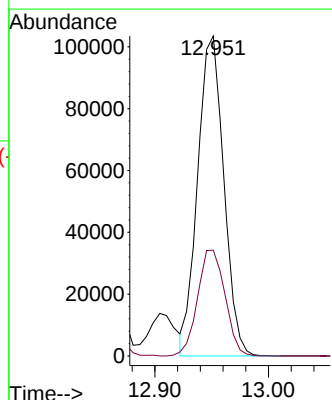
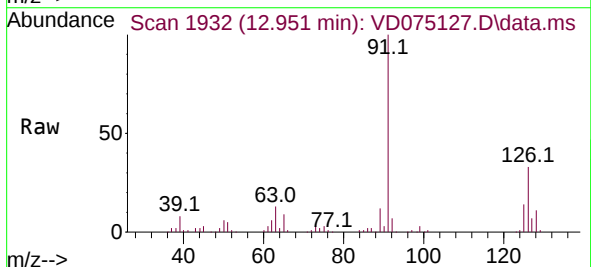
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

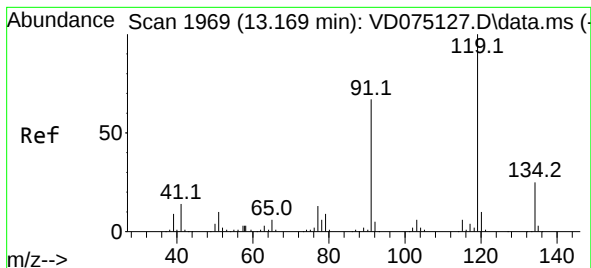
Tgt Ion: 75 Resp: 11200
Ion Ratio Lower Upper
75 100
53 88.1 70.5 105.7
89 43.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 49.200 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 91 Resp: 165747
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 48.652 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

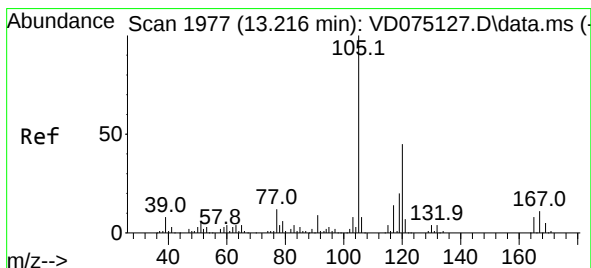
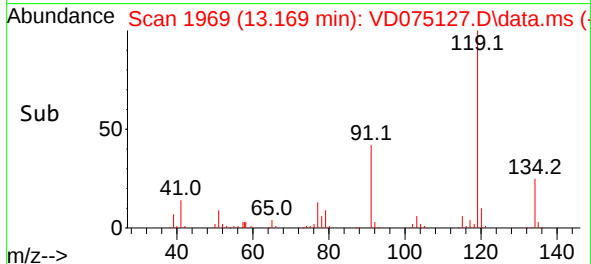
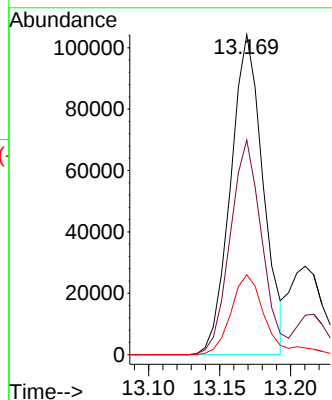
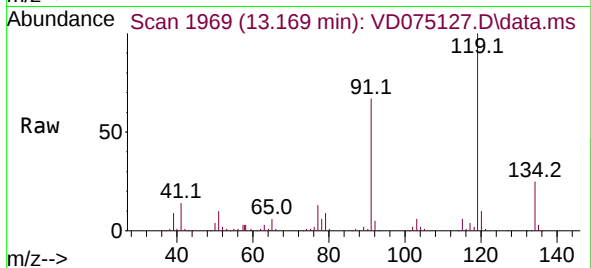
Tgt Ion:119 Resp: 166518

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 26.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.109 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075127.D

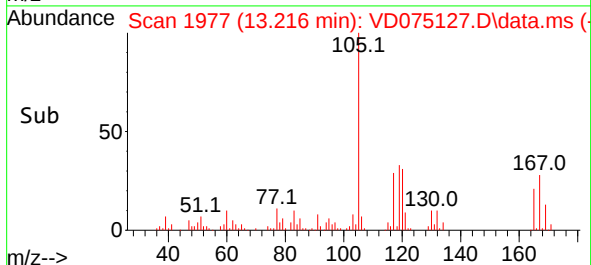
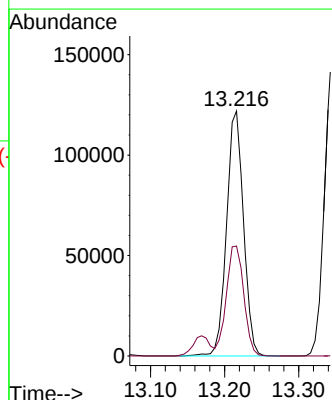
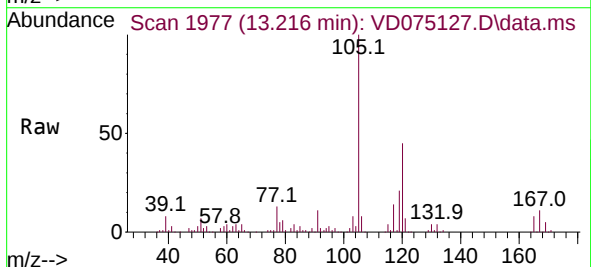
Acq: 18 Jan 2023 12:15

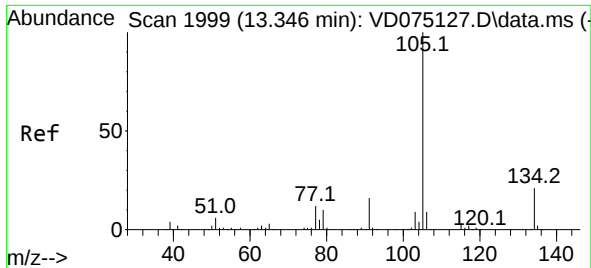
Tgt Ion:105 Resp: 193073

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.5

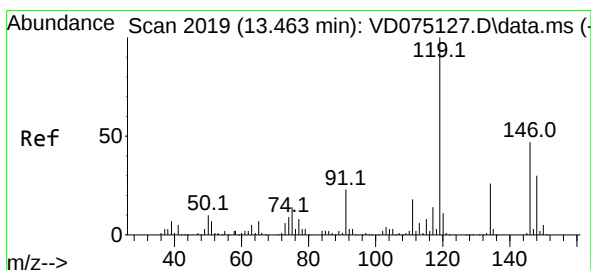
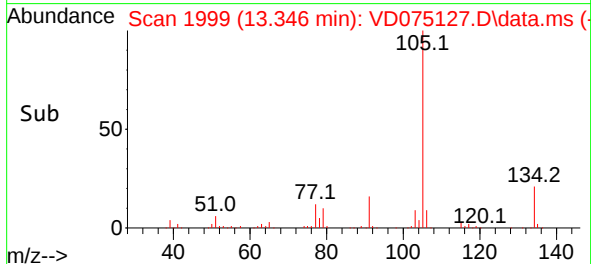
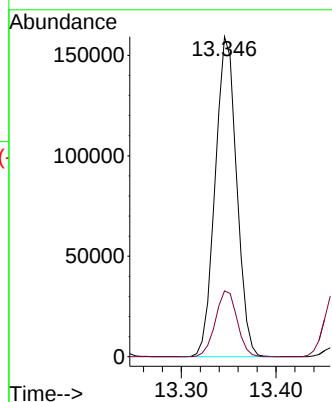
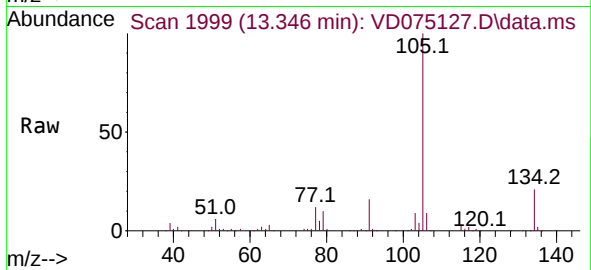




#85
 sec-Butylbenzene
 Concen: 48.468 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075127.D
 Acq: 18 Jan 2023 12:15

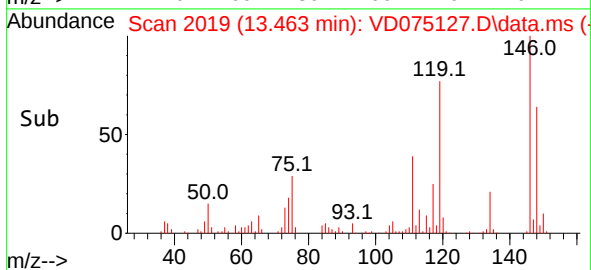
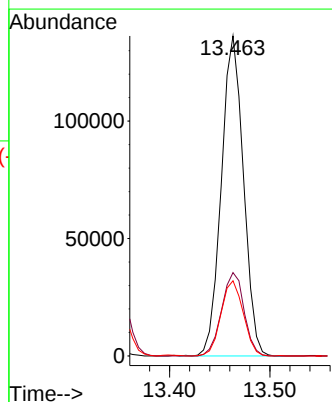
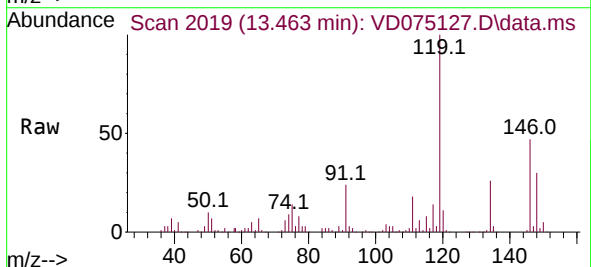
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

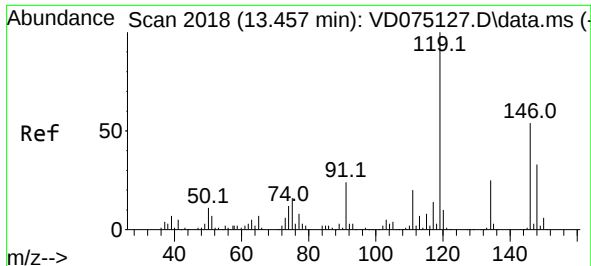
Tgt Ion:105 Resp: 250827
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.021 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075127.D
 Acq: 18 Jan 2023 12:15

Tgt Ion:119 Resp: 208497
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.7 11.9 35.5

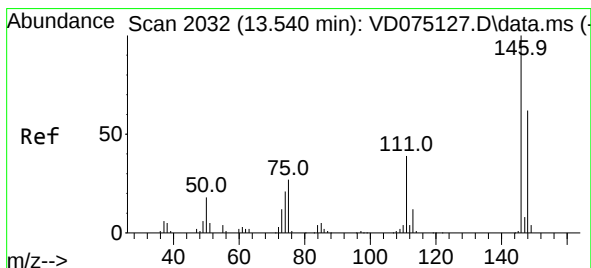
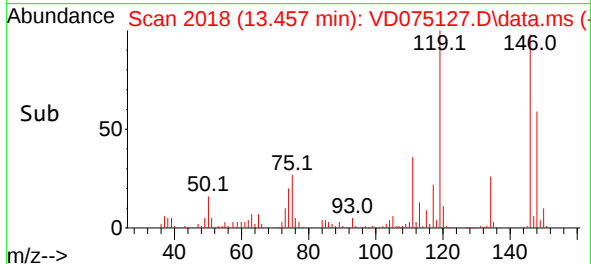
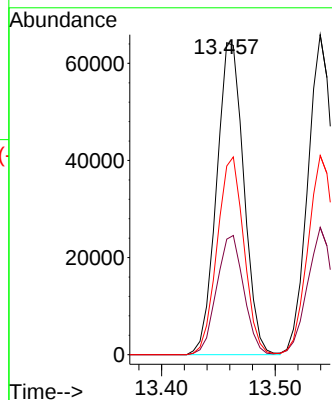
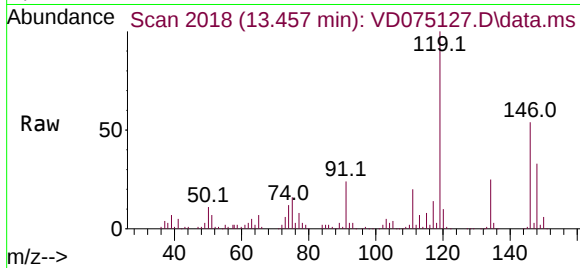




#87
1,3-Dichlorobenzene
Concen: 49.948 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

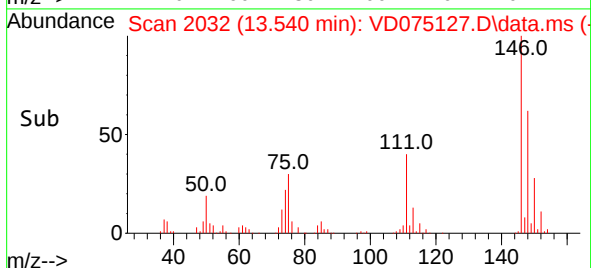
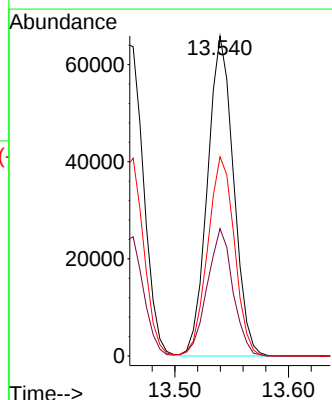
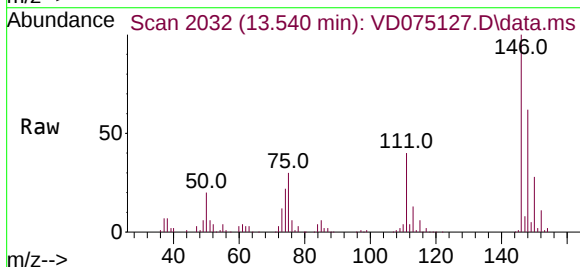
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

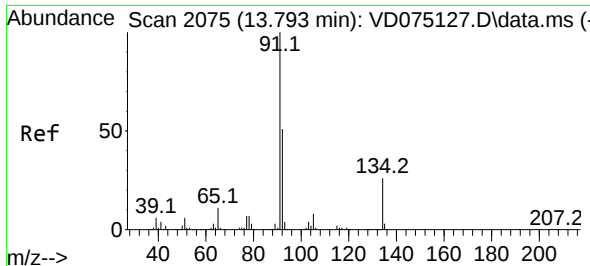
Tgt Ion:146 Resp: 107297
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.9
148 62.2 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 50.323 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:146 Resp: 105166
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 63.7 31.9 95.5

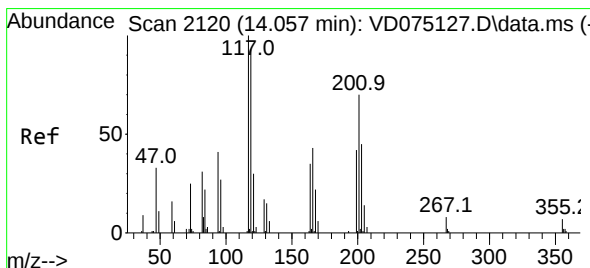
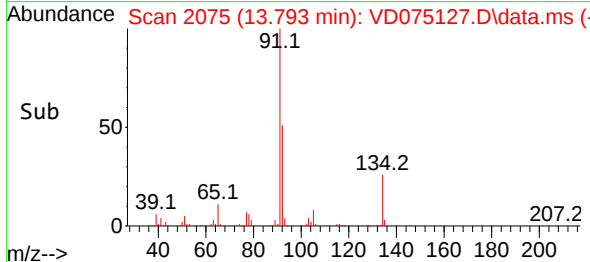
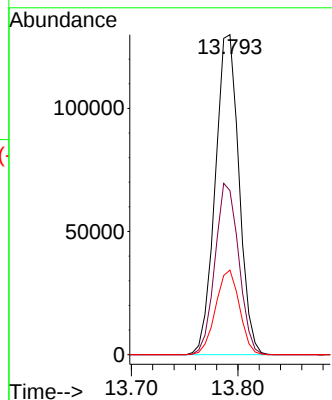
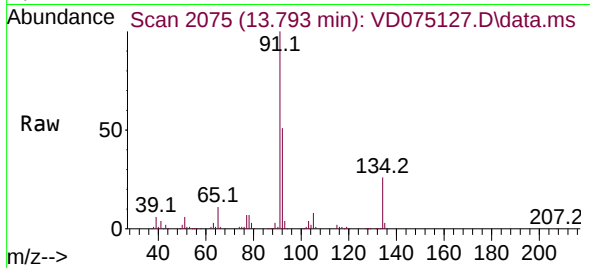




#89
n-Butylbenzene
Concen: 48.766 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

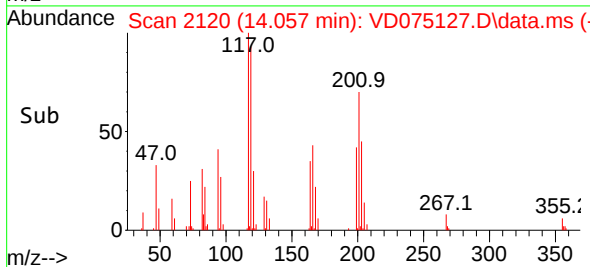
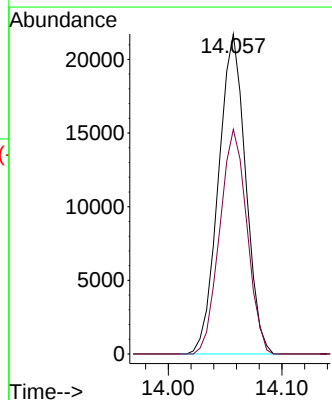
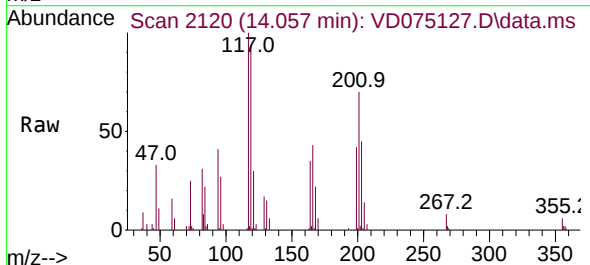
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

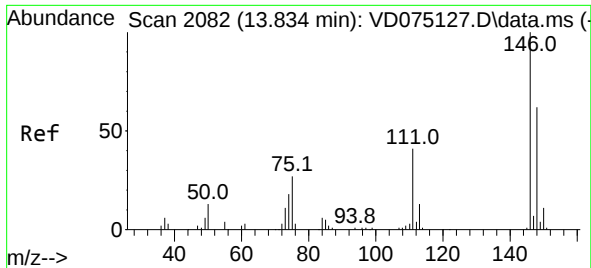
Tgt Ion: 91 Resp: 201235
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 48.860 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 117 Resp: 36111
Ion Ratio Lower Upper
117 100
201 70.3 35.1 105.5

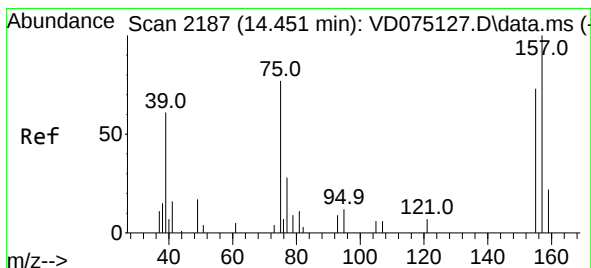
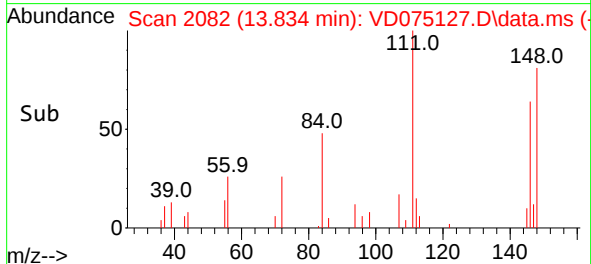
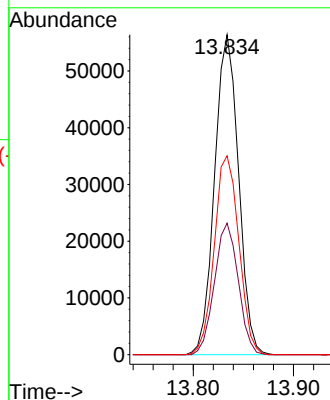
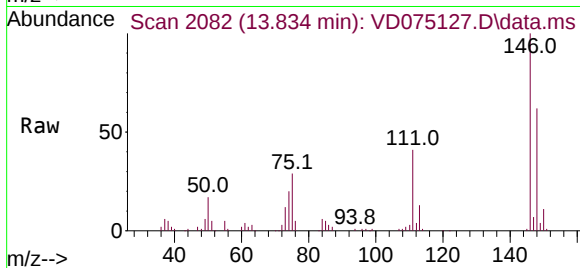




#91
1,2-Dichlorobenzene
Concen: 51.118 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

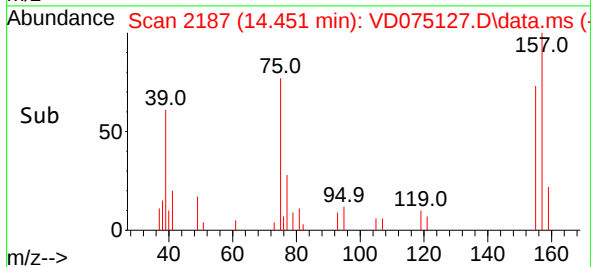
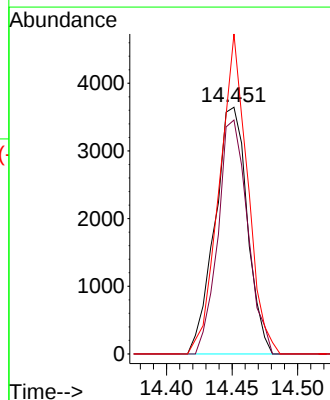
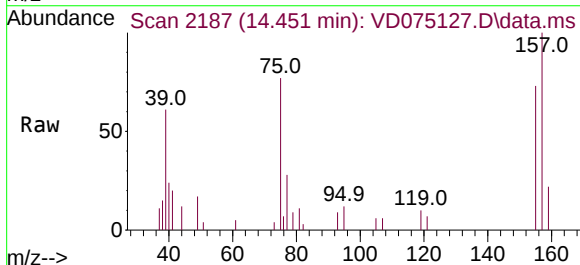
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

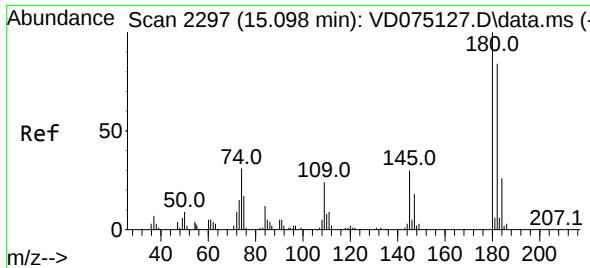
Tgt Ion:146 Resp: 93606
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.2
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.932 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion: 75 Resp: 6253
Ion Ratio Lower Upper
75 100
155 86.8 43.4 130.2
157 112.8 56.4 169.2

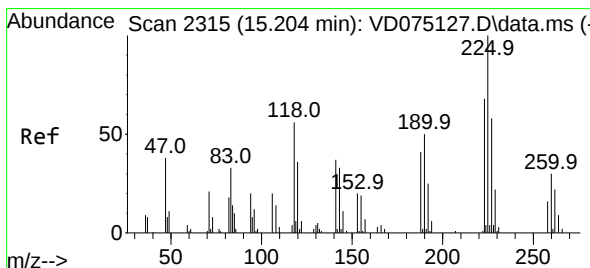
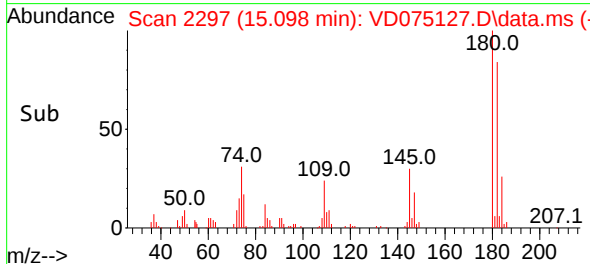
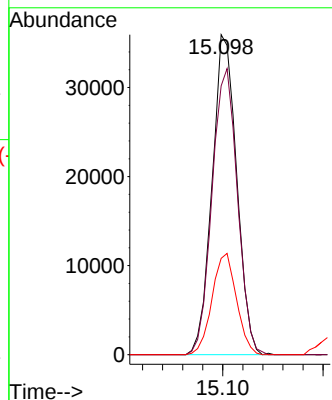
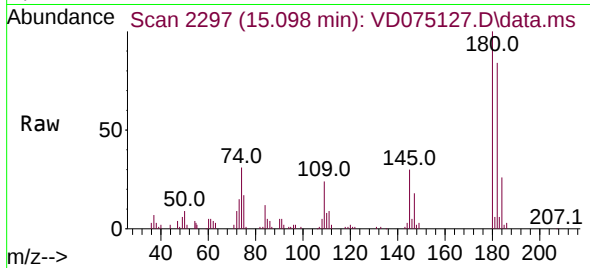




#93
1,2,4-Trichlorobenzene
Concen: 51.322 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

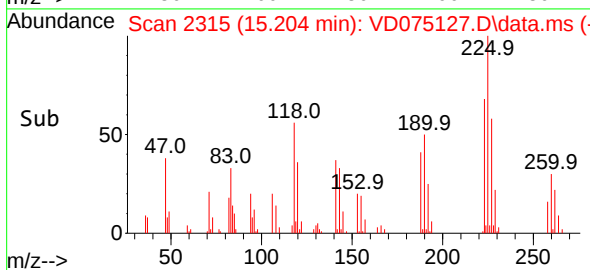
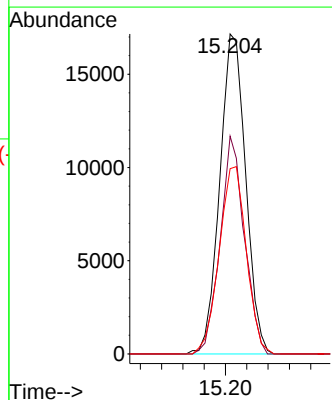
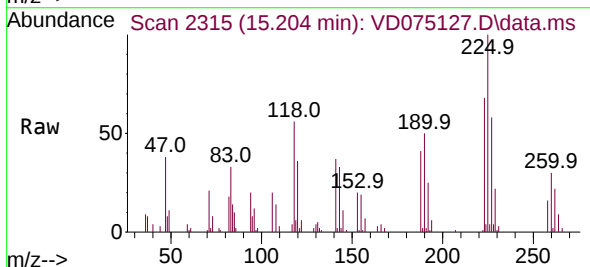
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

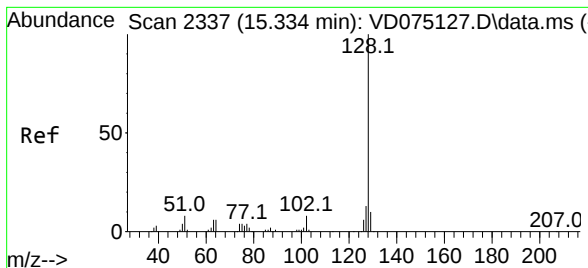
Tgt Ion:180 Resp: 60933
Ion Ratio Lower Upper
180 100
182 92.4 46.2 138.6
145 31.6 15.8 47.4



#94
Hexachlorobutadiene
Concen: 49.348 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075127.D
Acq: 18 Jan 2023 12:15

Tgt Ion:225 Resp: 28918
Ion Ratio Lower Upper
225 100
223 63.6 31.8 95.4
227 61.4 30.7 92.1





#95

Naphthalene

Concen: 49.926 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

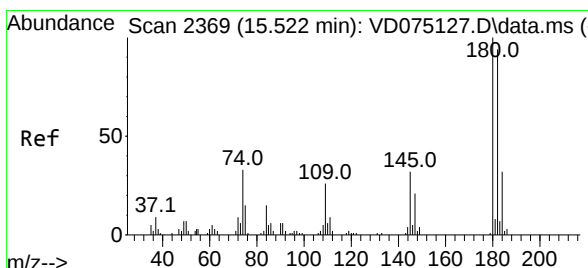
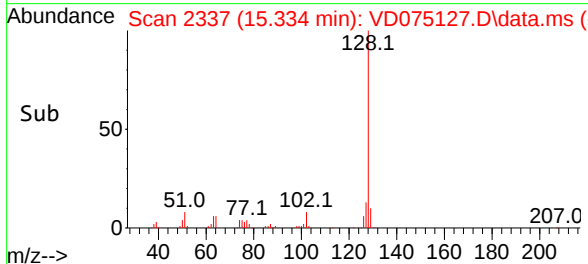
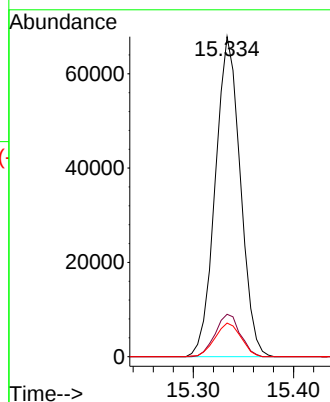
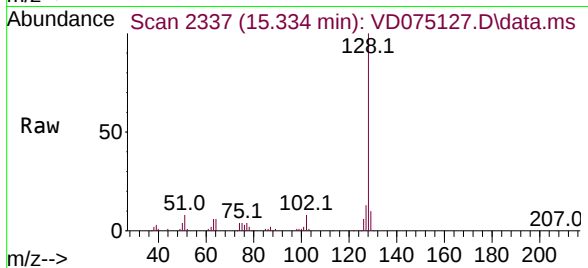
Tgt Ion:128 Resp: 117677

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.707 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075127.D

Acq: 18 Jan 2023 12:15

Tgt Ion:180 Resp: 52164

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.0

145 32.2 16.1 48.3

