

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075013.D
 Acq On : 14 Dec 2022 10:38
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 15 03:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	173937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7303	5.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.740%#
35) Dibromofluoromethane	7.799	113	9153	5.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.540%#
50) Toluene-d8	10.269	98	29161	6.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.000%#
62) 4-Bromofluorobenzene	12.575	95	8912	5.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.420%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4930	4.816	ug/l	97
3) Chloromethane	2.146	50	9371	4.817	ug/l	99
4) Vinyl Chloride	2.281	62	9274	4.407	ug/l	96
5) Bromomethane	2.693	94	8397	5.497	ug/l	99
6) Chloroethane	2.840	64	7250	4.657	ug/l	100
7) Trichlorofluoromethane	3.175	101	12183	4.754	ug/l	88
8) Diethyl Ether	3.593	74	3306	4.316	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	8549	5.120	ug/l	96
10) Methyl Iodide	4.164	142	4536	3.483	ug/l #	93
11) Tert butyl alcohol	5.046	59	2001	21.236	ug/l #	76
12) 1,1-Dichloroethene	3.940	96	7528	4.707	ug/l	85
13) Acrolein	3.799	56	3923	22.891	ug/l	95
14) Allyl chloride	4.558	41	8478	4.638	ug/l	96
15) Acrylonitrile	5.258	53	7399	22.890	ug/l	99
16) Acetone	4.022	43	7472	23.131	ug/l	92
17) Carbon Disulfide	4.269	76	12439	3.412	ug/l	95
18) Methyl Acetate	4.564	43	6335	7.113	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	15589	4.582	ug/l #	91
20) Methylene Chloride	4.805	84	19597	7.862	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	7883	4.520	ug/l	91
22) Diisopropyl ether	6.216	45	18406	4.401	ug/l	91
23) Vinyl Acetate	6.158	43	23869	13.601	ug/l	97
24) 1,1-Dichloroethane	6.116	63	14091	4.747	ug/l	95
25) 2-Butanone	7.081	43	9112	22.397	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	14378	5.154	ug/l	95
27) cis-1,2-Dichloroethene	7.069	96	9463	4.590	ug/l	91
28) Bromochloromethane	7.422	49	4525	4.767	ug/l #	94
29) Tetrahydrofuran	7.452	42	4665	21.422	ug/l	96
30) Chloroform	7.599	83	16079	4.967	ug/l	100
31) Cyclohexane	7.881	56	11233	5.048	ug/l #	61
32) 1,1,1-Trichloroethane	7.793	97	13182	4.760	ug/l	97
36) 1,1-Dichloropropene	8.016	75	10015	4.809	ug/l	97
37) Ethyl Acetate	7.169	43	3795	4.657	ug/l #	88
38) Carbon Tetrachloride	7.993	117	8861	4.548	ug/l	94
39) Methylcyclohexane	9.275	83	9009	4.249	ug/l	95
40) Benzene	8.252	78	31262	4.998	ug/l	92

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 ClientSampleId :
 VSTDICC005

Quant Time: Dec 15 03:02:19 2022
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 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1901	4.500	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	7653	5.099	ug/l	98
43) Isopropyl Acetate	8.363	43	7043	5.152	ug/l	90
44) Trichloroethene	9.028	130	7968	4.868	ug/l	98
45) 1,2-Dichloropropane	9.304	63	7104	5.010	ug/l	100
46) Dibromomethane	9.393	93	3817	4.954	ug/l	97
47) Bromodichloromethane	9.581	83	10040	5.134	ug/l	94
48) Methyl methacrylate	9.381	41	2572	4.286	ug/l	96
49) 1,4-Dioxane	9.387	88	783	90.797	ug/l #	64
51) 4-Methyl-2-Pentanone	10.157	43	14837	21.714	ug/l	99
52) Toluene	10.334	92	17205	4.655	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	8252	4.578	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	10248	4.686	ug/l	98
55) 1,1,2-Trichloroethane	10.740	97	5629	5.004	ug/l #	85
56) Ethyl methacrylate	10.599	69	4992	4.042	ug/l	96
57) 1,3-Dichloropropane	10.875	76	9022	4.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	10483	20.888	ug/l	99
59) 2-Hexanone	10.922	43	10400	20.899	ug/l	93
60) Dibromochloromethane	11.075	129	6596	5.020	ug/l	100
61) 1,2-Dibromoethane	11.181	107	5019	4.942	ug/l	99
64) Tetrachloroethene	10.810	164	6715	5.060	ug/l	96
65) Chlorobenzene	11.610	112	21341	5.092	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	7272	4.936	ug/l	97
67) Ethyl Benzene	11.687	91	33003	4.558	ug/l	97
68) m/p-Xylenes	11.793	106	24565	8.645	ug/l	99
69) o-Xylene	12.122	106	12117	4.502	ug/l	96
70) Styrene	12.140	104	20365	4.402	ug/l	99
71) Bromoform	12.298	173	3566	4.709	ug/l #	95
73) Isopropylbenzene	12.422	105	31680	4.577	ug/l	98
74) N-amyl acetate	12.240	43	5059	4.183	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	6060	4.871	ug/l	91
76) 1,2,3-Trichloropropane	12.728	75	7193	7.917	ug/l #	100
77) Bromobenzene	12.704	156	7732	4.910	ug/l	98
78) n-propylbenzene	12.763	91	39078	4.612	ug/l	99
79) 2-Chlorotoluene	12.851	91	22171	4.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	25878	4.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1712	4.788	ug/l #	91
82) 4-Chlorotoluene	12.951	91	22808	4.765	ug/l	93
83) tert-Butylbenzene	13.169	119	22944	4.658	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	25603	4.513	ug/l	98
85) sec-Butylbenzene	13.345	105	35439	4.622	ug/l	100
86) p-Isopropyltoluene	13.463	119	28832	4.513	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	17100	5.138	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	17207	5.239	ug/l	94
89) n-Butylbenzene	13.792	91	27552	4.613	ug/l	98
90) Hexachloroethane	14.057	117	5626	4.956	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	14647	5.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	743	4.509	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	8518	4.865	ug/l	98
94) Hexachlorobutadiene	15.204	225	4635	5.141	ug/l	95
95) Naphthalene	15.334	128	15416	4.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	6948	4.679	ug/l	96

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ALS Vial : 3 Sample Multiplier: 1

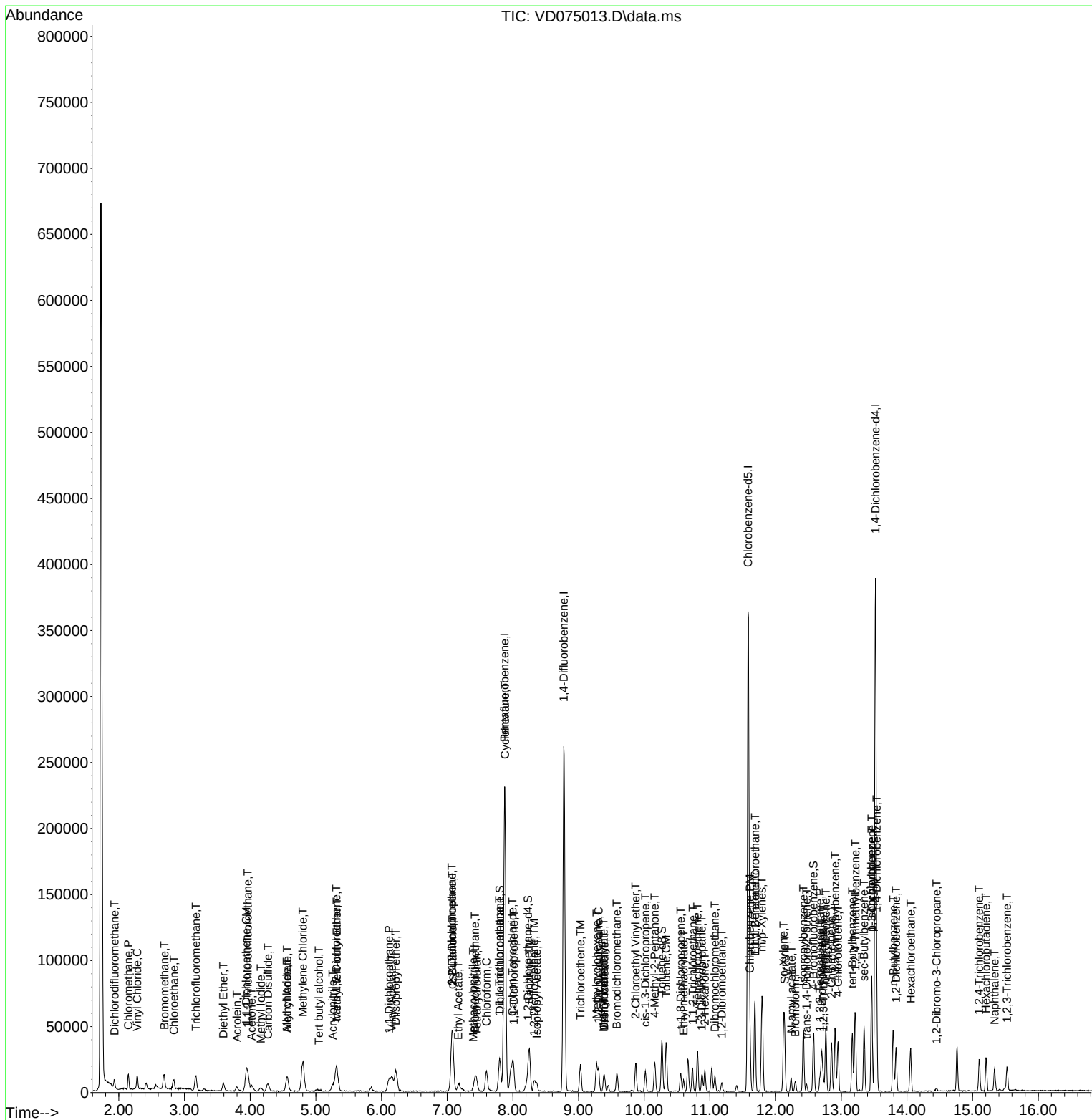
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MSVOA_D
ClientSampleId :
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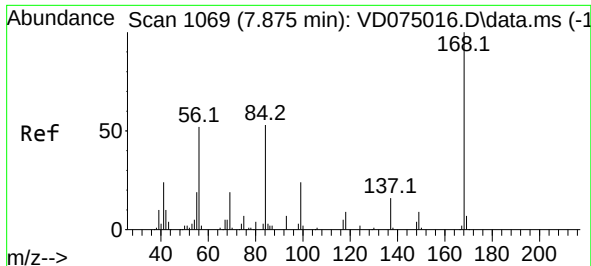
Quant Time: Dec 15 03:02:19 2022
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Quant Title : SW846 8260
QLast Update : Thu Dec 15 03:01:37 2022
Response via : Initial Calibration

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

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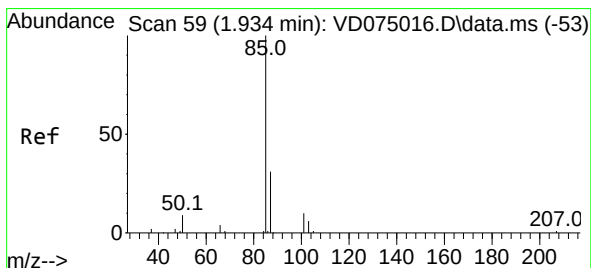
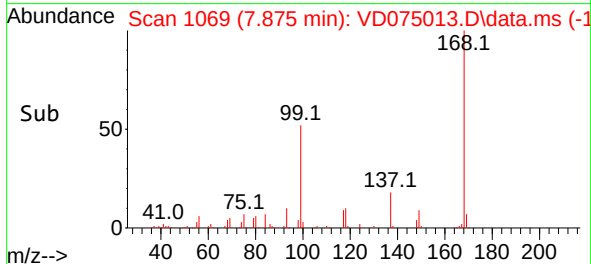
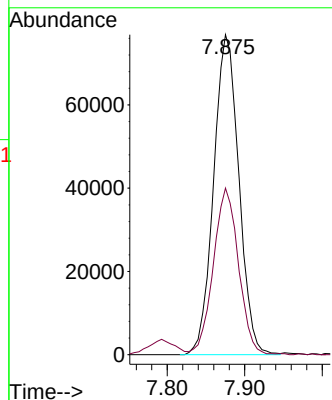
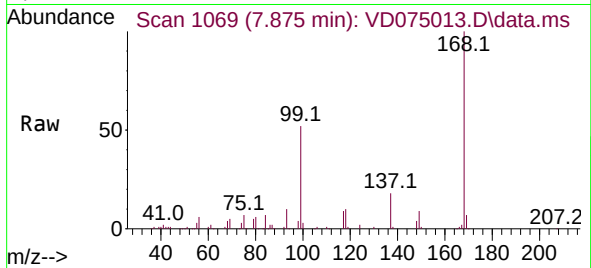




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075013.D
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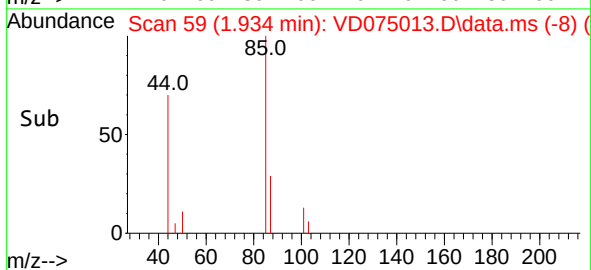
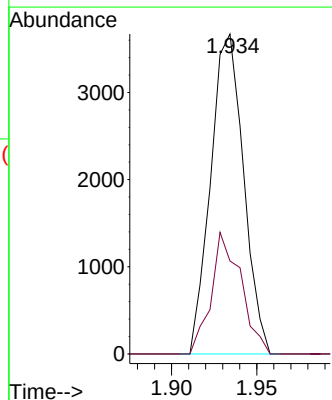
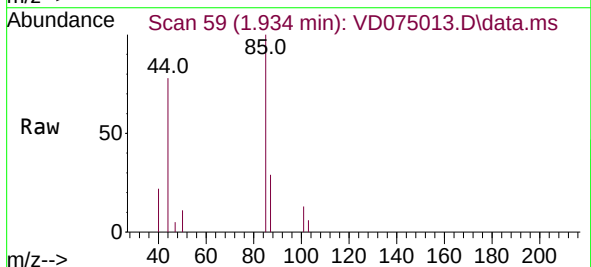
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

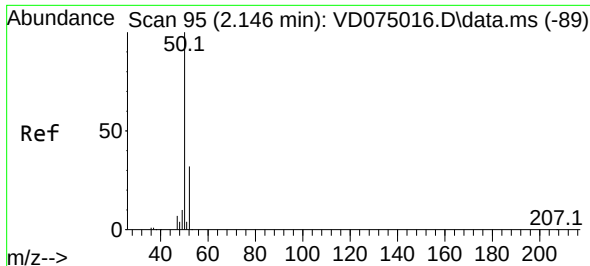
Tgt Ion:168 Resp: 173937
Ion Ratio Lower Upper
168 100
99 51.7 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 4.816 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 85 Resp: 4930
Ion Ratio Lower Upper
85 100
87 29.1 15.4 46.1

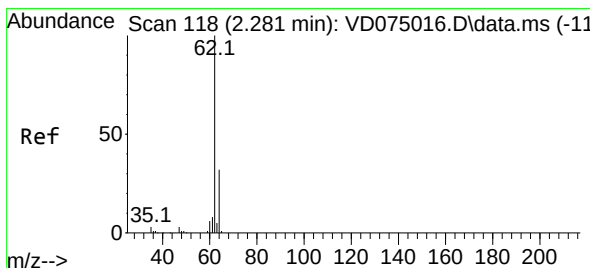
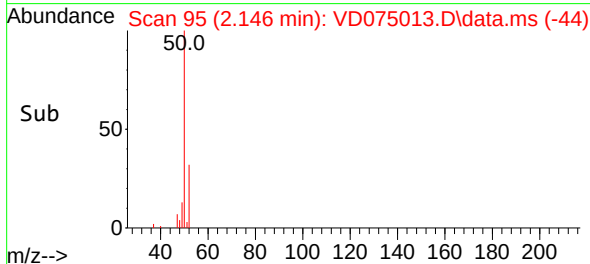
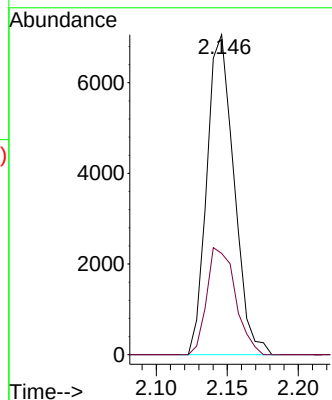
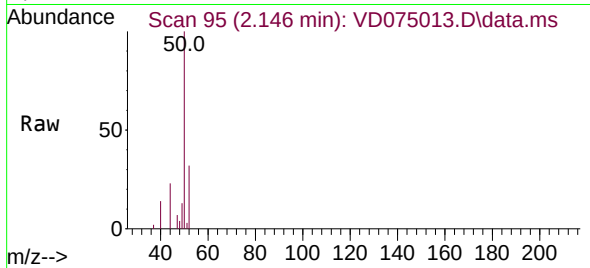




#3
Chloromethane
Concen: 4.817 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

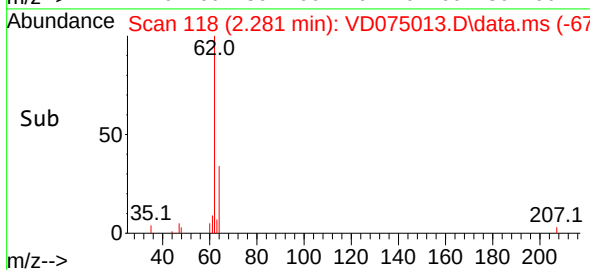
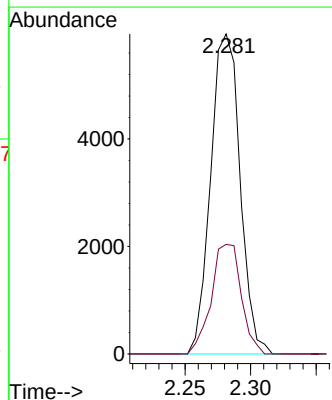
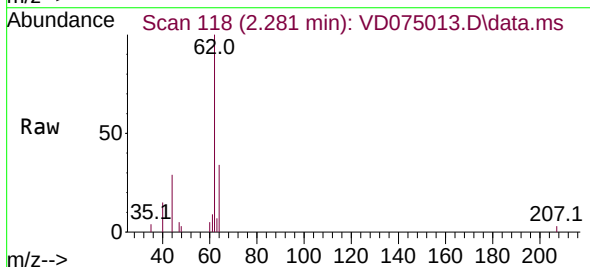
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ClientSampleId :
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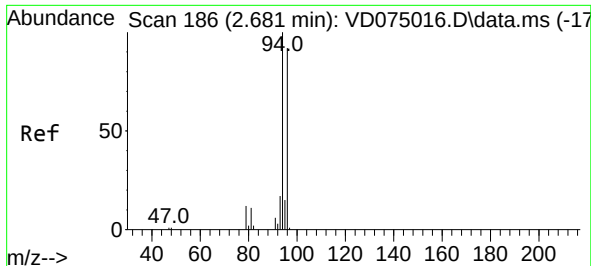
Tgt Ion: 50 Resp: 9371
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8



#4
Vinyl Chloride
Concen: 4.407 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 62 Resp: 9274
Ion Ratio Lower Upper
62 100
64 34.2 25.7 38.5

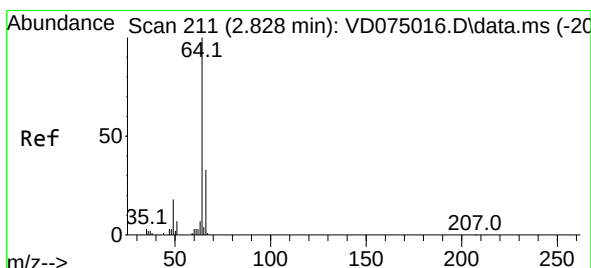
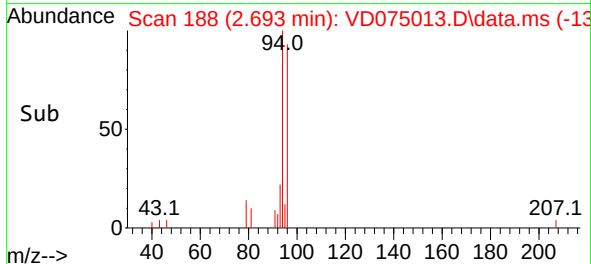
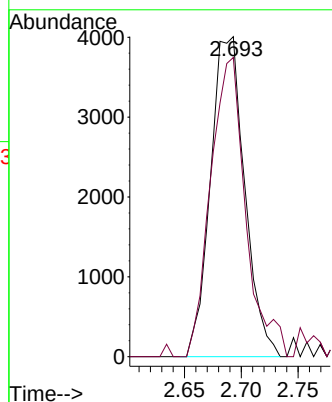
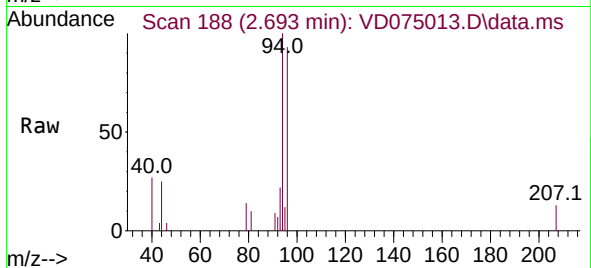




#5
Bromomethane
Concen: 5.497 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

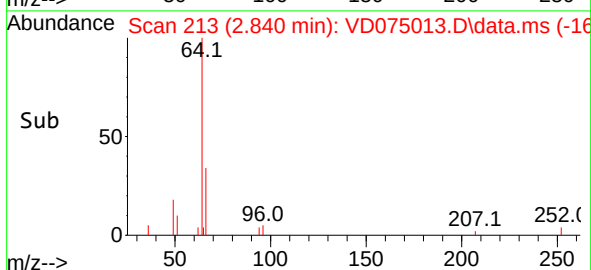
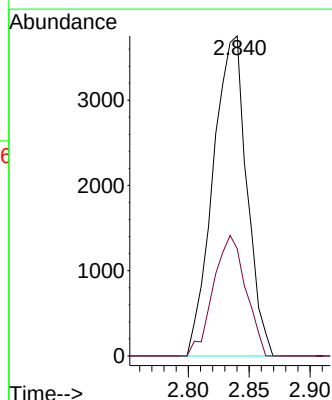
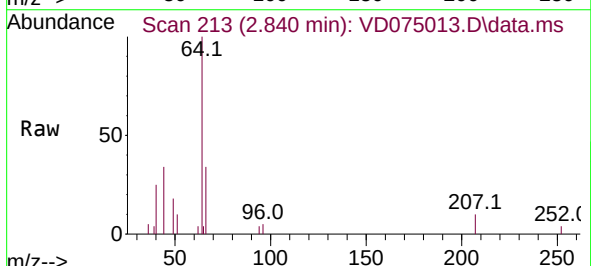
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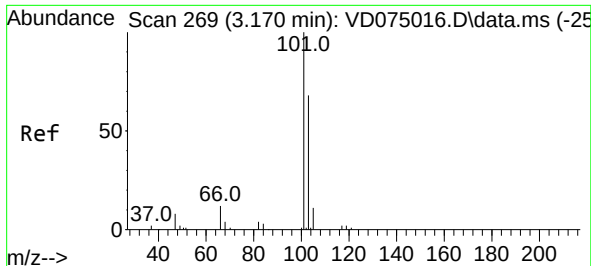
Tgt Ion: 94 Resp: 8397
Ion Ratio Lower Upper
94 100
96 96.2 76.2 114.2



#6
Chloroethane
Concen: 4.657 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.012 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 64 Resp: 7250
Ion Ratio Lower Upper
64 100
66 33.6 26.6 40.0

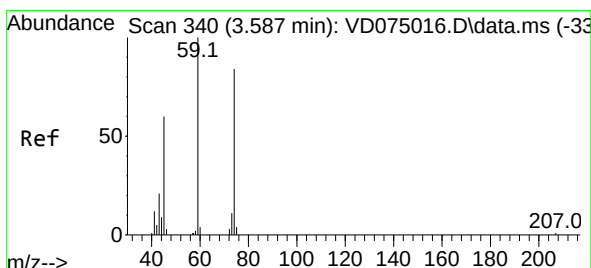
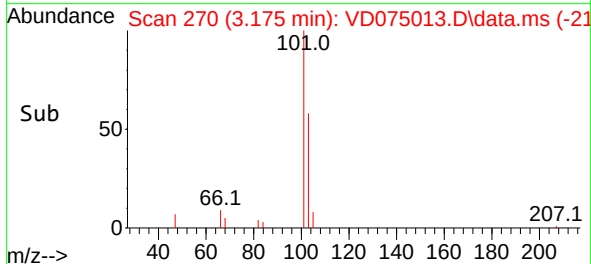
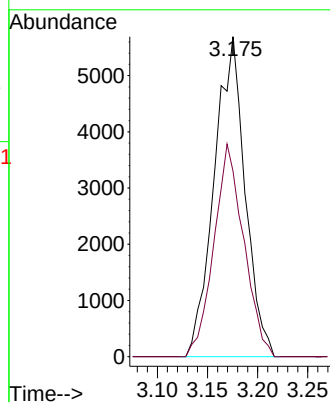
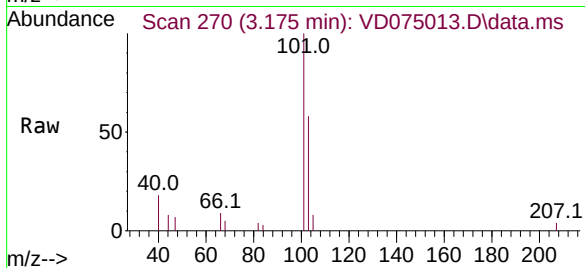




#7
 Trichlorofluoromethane
 Concen: 4.754 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

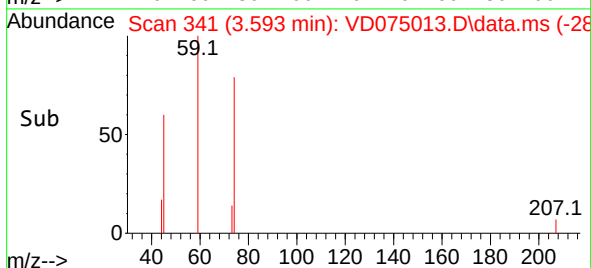
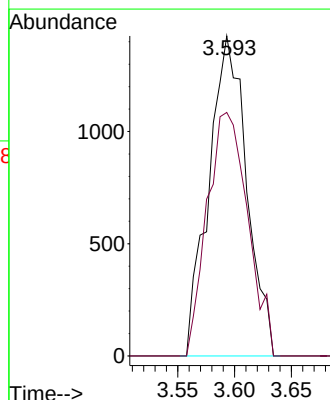
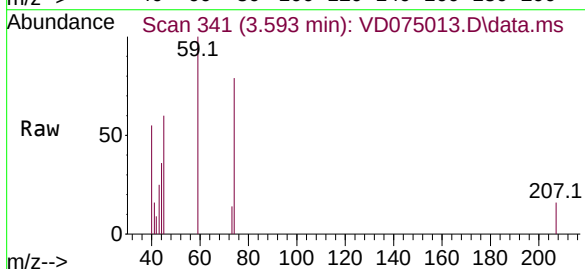
Instrument :
 MSVOA_D
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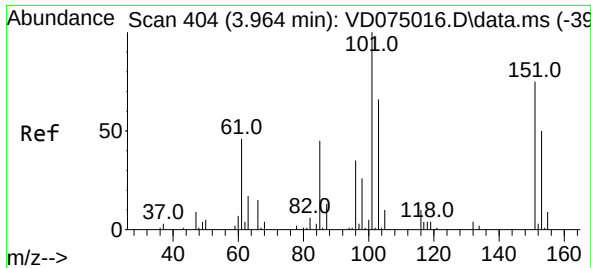
Tgt Ion:101 Resp: 12183
 Ion Ratio Lower Upper
 101 100
 103 58.0 54.5 81.7



#8
 Diethyl Ether
 Concen: 4.316 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

Tgt Ion: 74 Resp: 3306
 Ion Ratio Lower Upper
 74 100
 45 81.7 39.8 119.4

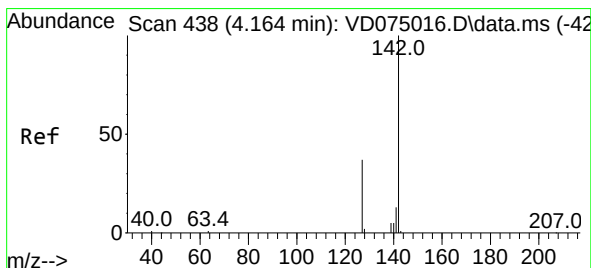
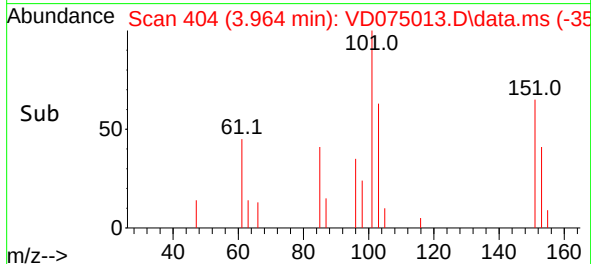
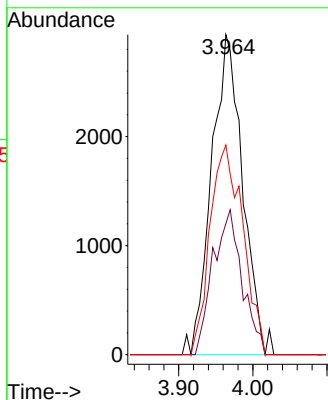
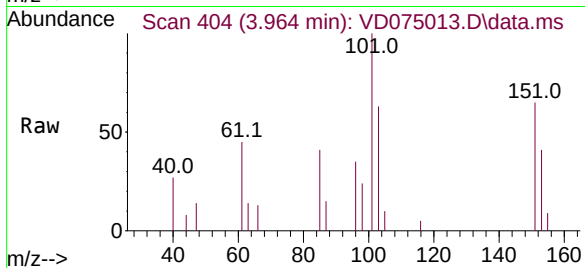




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.120 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD075013.D
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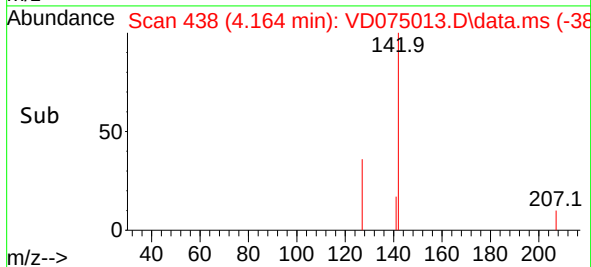
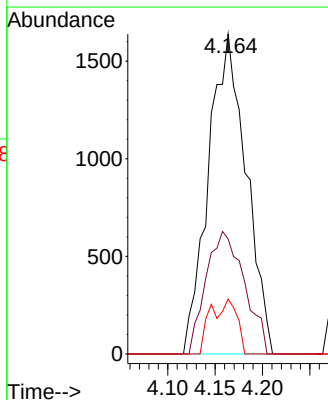
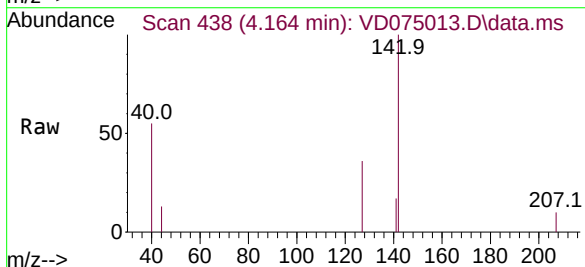
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

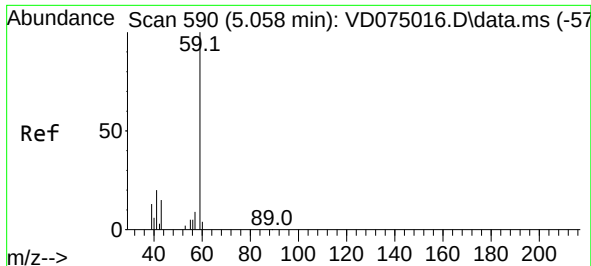
Tgt Ion:	101	Resp:	8549
Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.6	50.4
151	69.3	59.4	89.2



#10
Methyl Iodide
Concen: 3.483 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:	142	Resp:	4536
Ion	Ratio	Lower	Upper
142	100		
127	38.9	32.2	48.2
141	4.8	10.9	16.3





#11

Tert butyl alcohol

Concen: 21.236 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

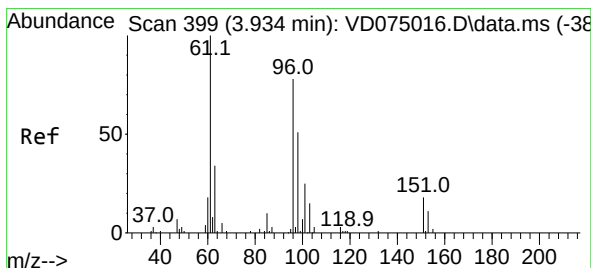
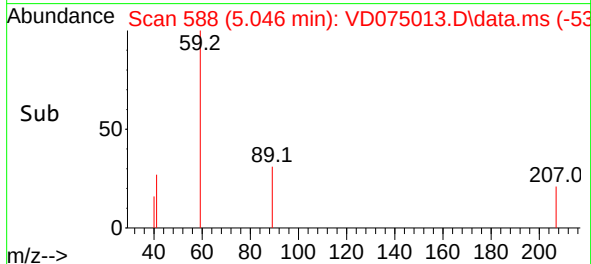
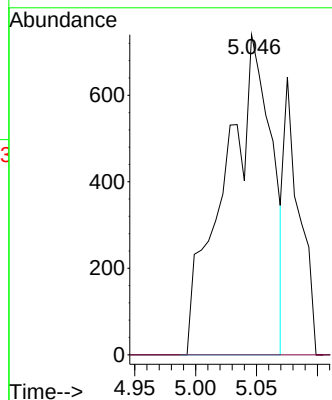
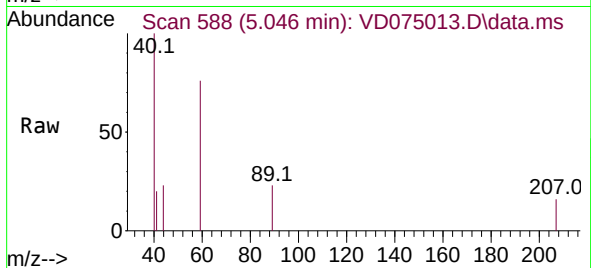
VSTDIC005

Tgt Ion: 59 Resp: 2001

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



#12

1,1-Dichloroethene

Concen: 4.707 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

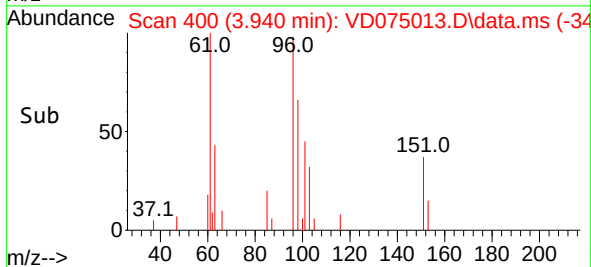
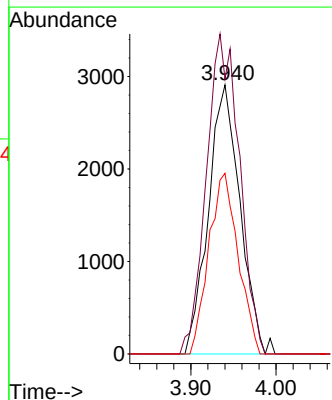
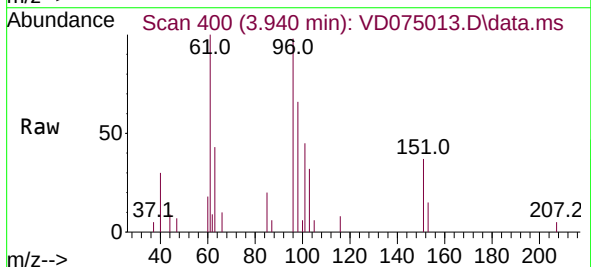
Tgt Ion: 96 Resp: 7528

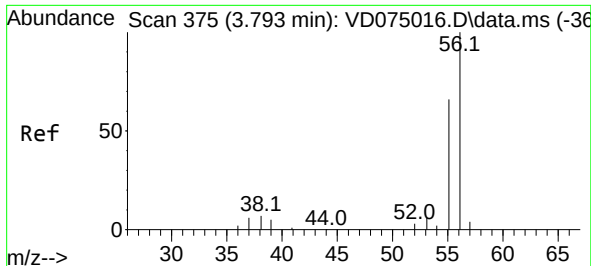
Ion Ratio Lower Upper

96 100

61 102.2 102.1 153.1

98 67.1 52.2 78.4





#13

Acrolein

Concen: 22.891 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

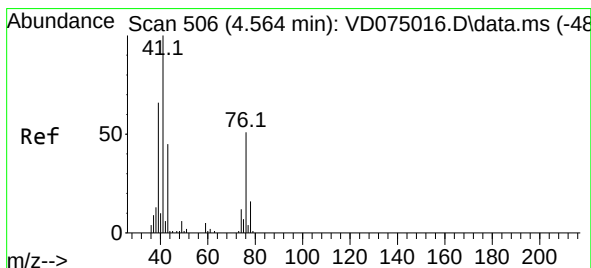
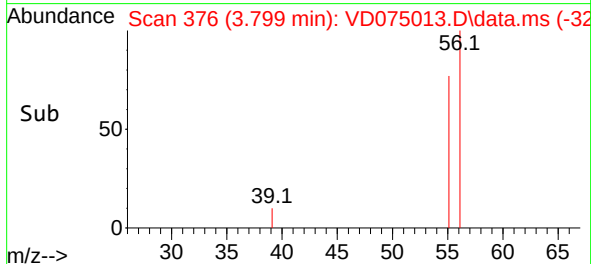
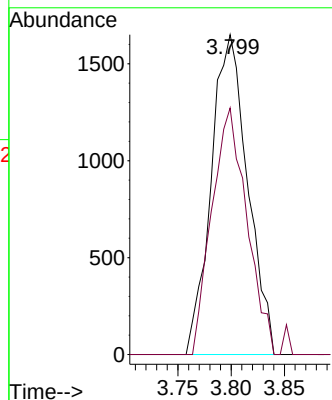
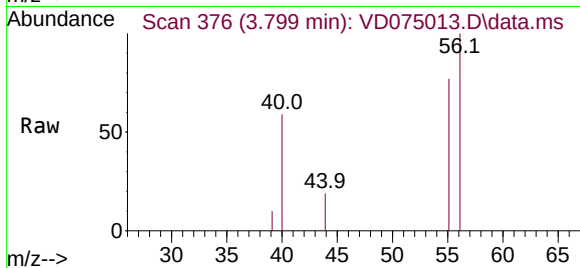
VSTDICC005

Tgt Ion: 56 Resp: 3923

Ion Ratio Lower Upper

56 100

55 74.1 55.9 83.9



#14

Allyl chloride

Concen: 4.638 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

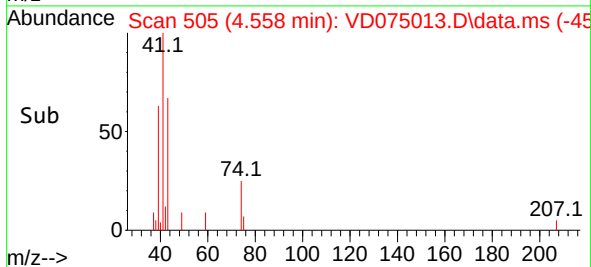
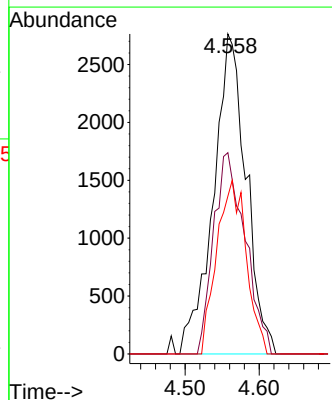
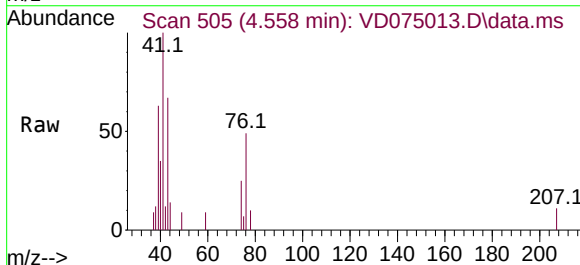
Tgt Ion: 41 Resp: 8478

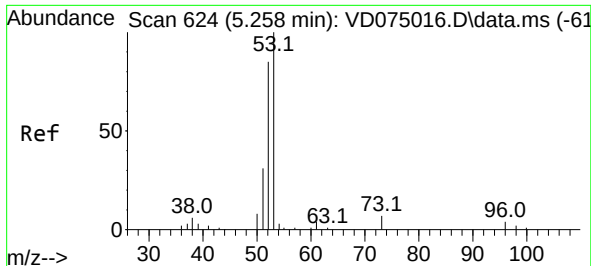
Ion Ratio Lower Upper

41 100

39 60.5 51.7 77.5

76 48.9 40.7 61.1

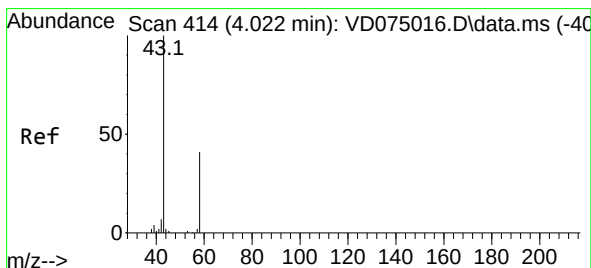
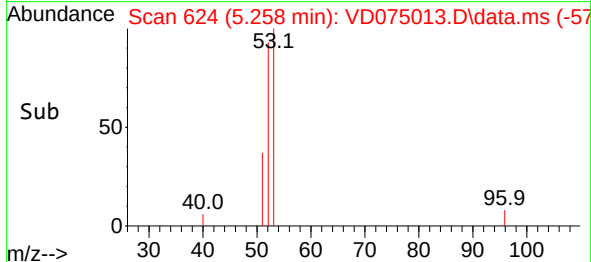
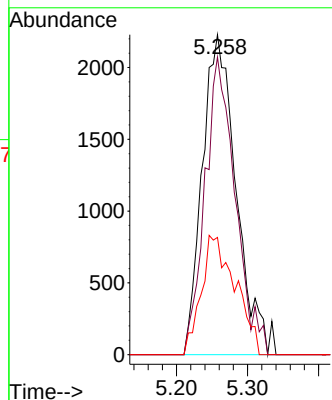
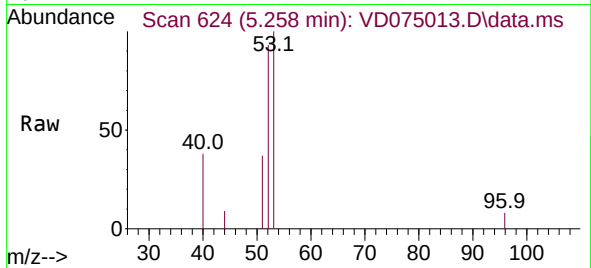




#15
Acrylonitrile
Concen: 22.890 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

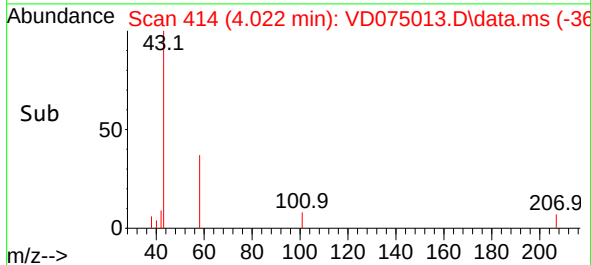
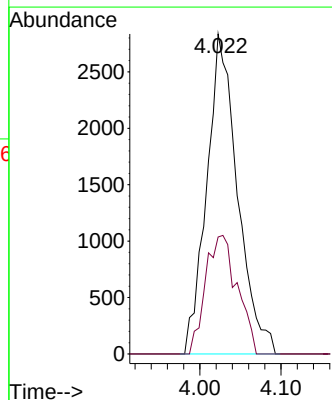
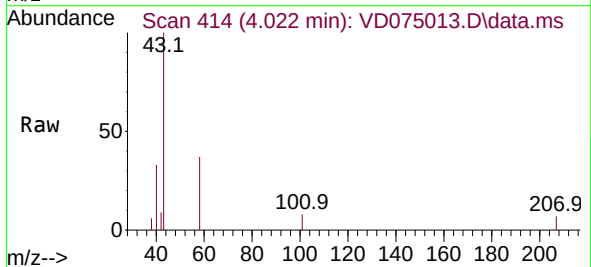
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

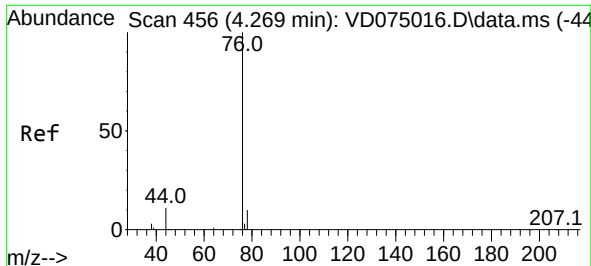
Tgt Ion: 53 Resp: 7399
Ion Ratio Lower Upper
53 100
52 83.1 66.1 99.1
51 37.5 28.4 42.6



#16
Acetone
Concen: 23.131 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
58 36.6 33.0 49.6

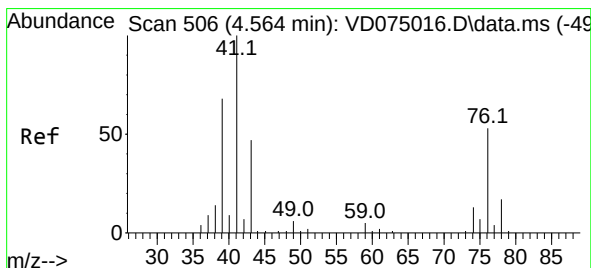
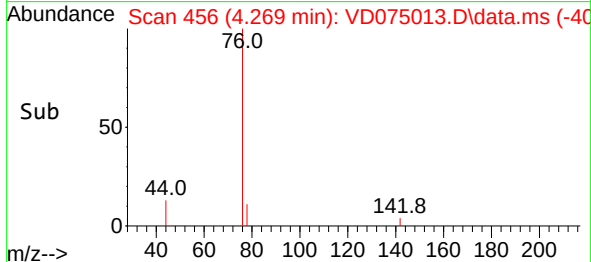
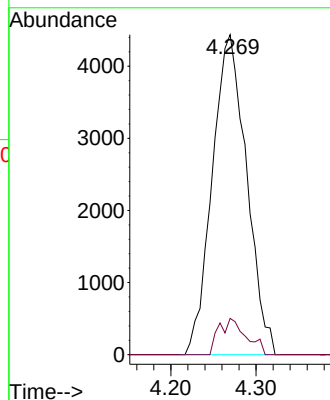
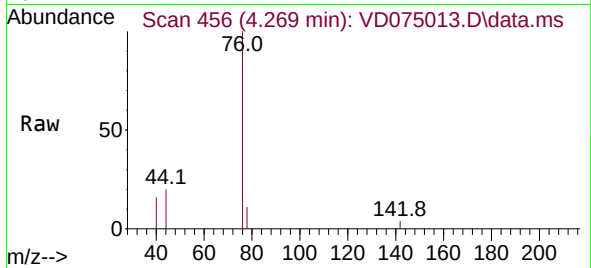




#17
Carbon Disulfide
Concen: 3.412 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

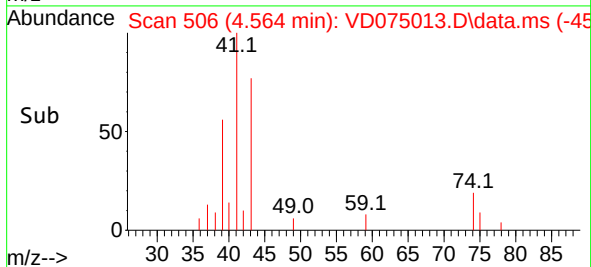
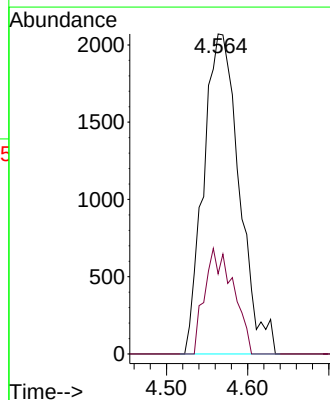
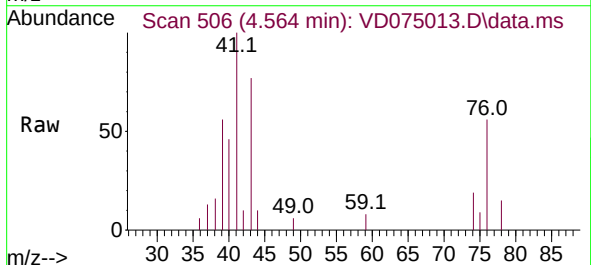
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

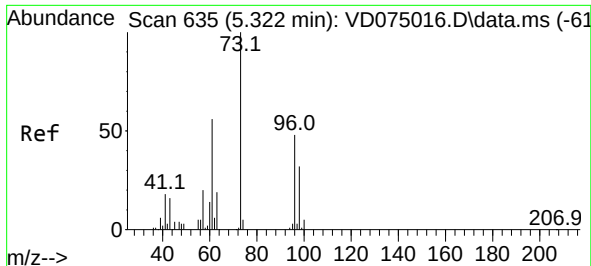
Tgt Ion: 76 Resp: 12439
Ion Ratio Lower Upper
76 100
78 11.4 7.7 11.5



#18
Methyl Acetate
Concen: 7.113 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 43 Resp: 6335
Ion Ratio Lower Upper
43 100
74 26.5 23.9 35.9





#19

Methyl tert-butyl Ether

Concen: 4.582 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

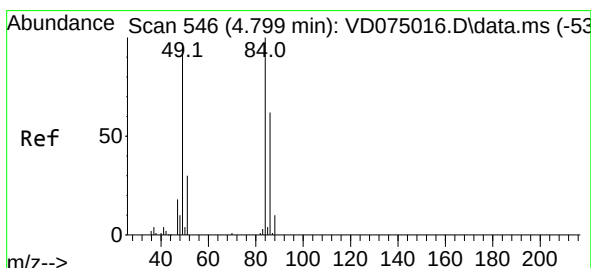
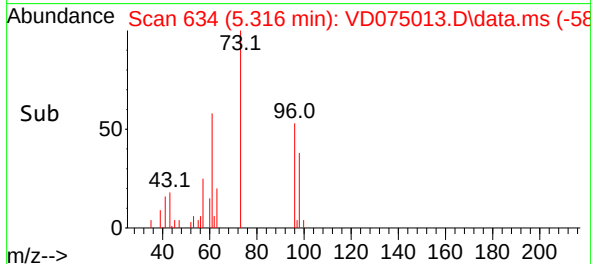
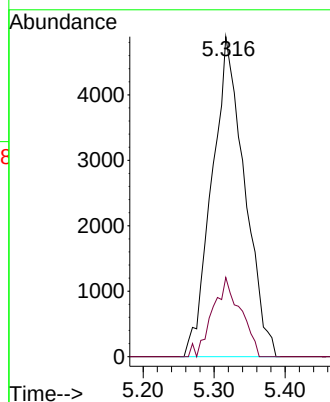
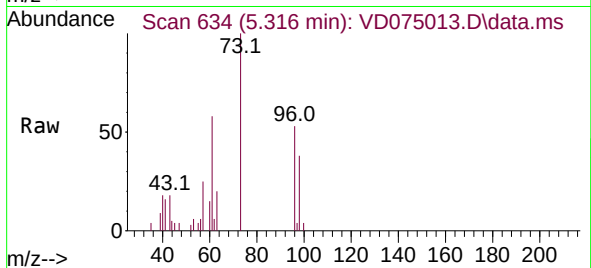
VSTDIC005

Tgt Ion: 73 Resp: 15589

Ion Ratio Lower Upper

73 100

57 24.7 16.4 24.6#



#20

Methylene Chloride

Concen: 7.862 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Tgt Ion: 84 Resp: 19597

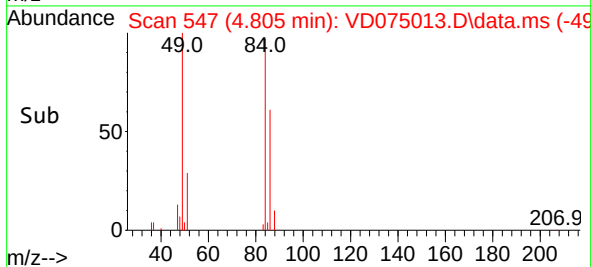
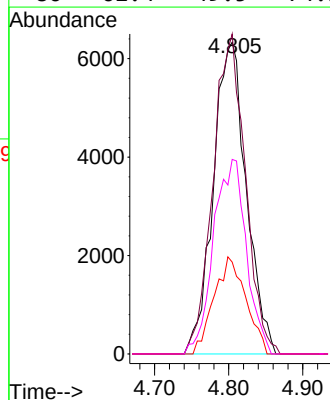
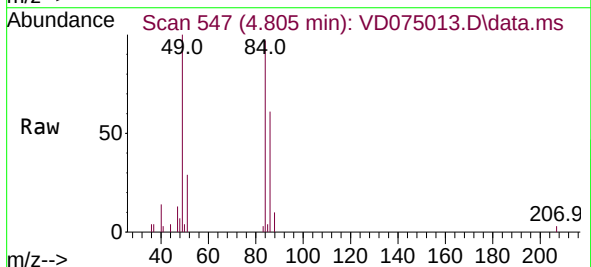
Ion Ratio Lower Upper

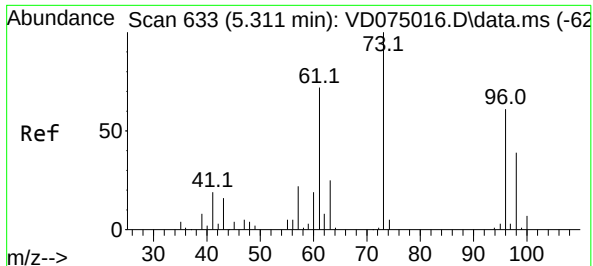
84 100

49 102.7 77.3 115.9

51 29.5 23.8 35.8

86 62.4 49.5 74.3

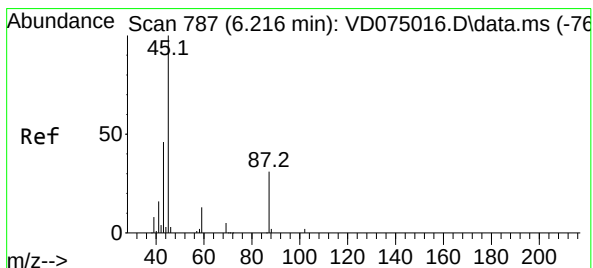
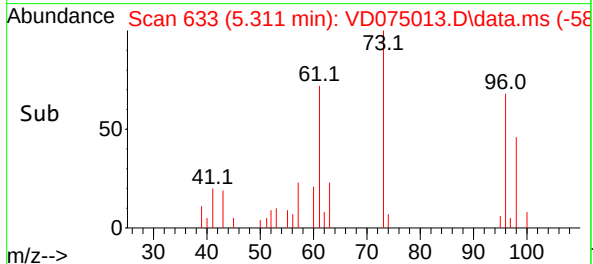
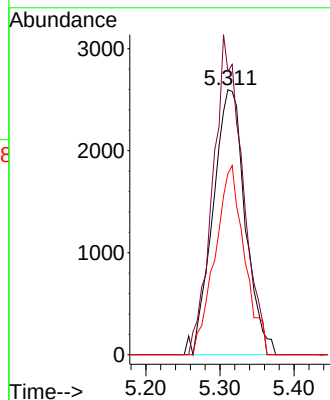
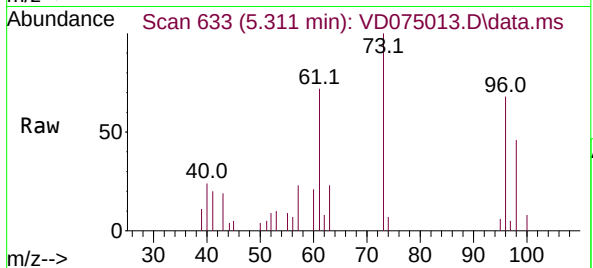




#21
trans-1,2-Dichloroethene
Concen: 4.520 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

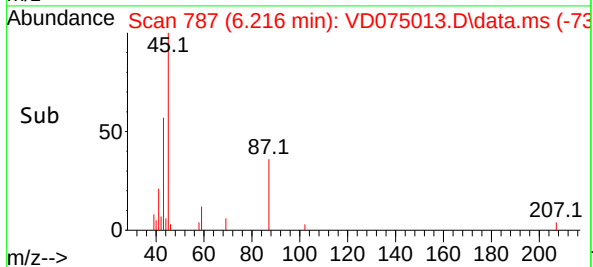
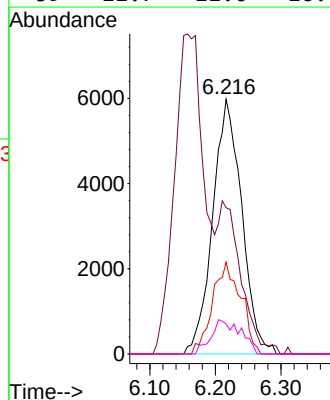
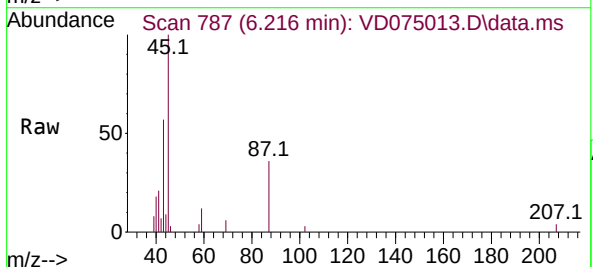
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

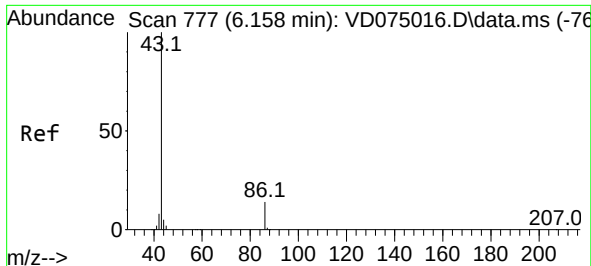
Tgt Ion: 96 Resp: 7883
Ion Ratio Lower Upper
96 100
61 106.9 94.6 142.0
98 68.3 51.0 76.6



#22
Diisopropyl ether
Concen: 4.401 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 45 Resp: 18406
Ion Ratio Lower Upper
45 100
43 57.5 40.0 60.0
87 36.0 25.8 38.8
59 11.7 11.0 16.4

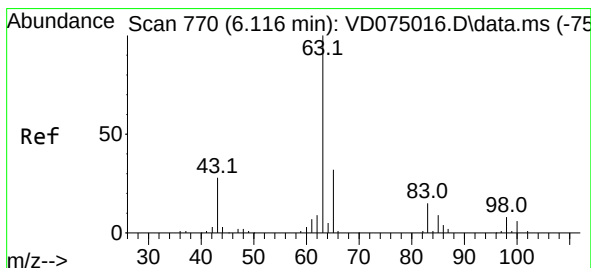
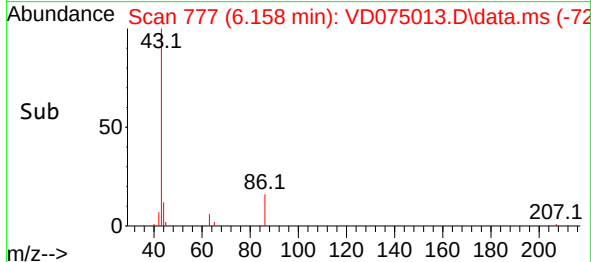
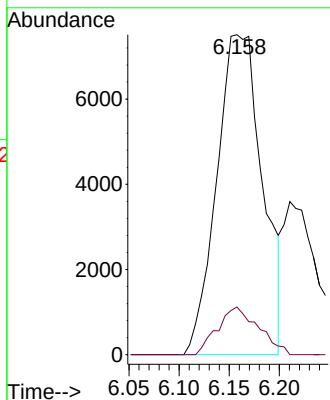
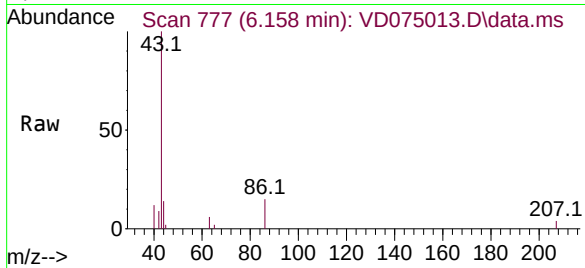




#23
 Vinyl Acetate
 Concen: 13.601 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

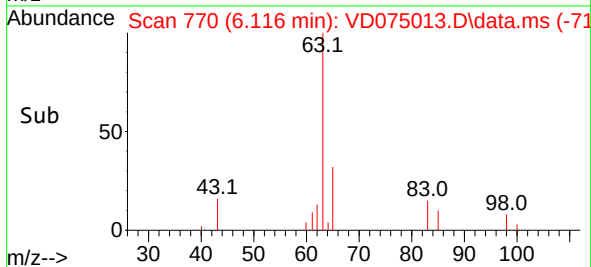
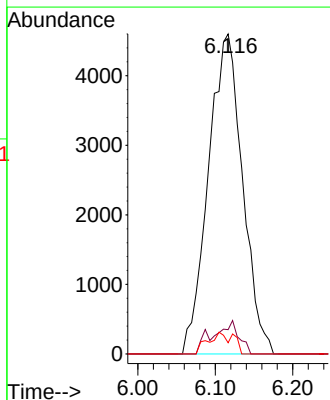
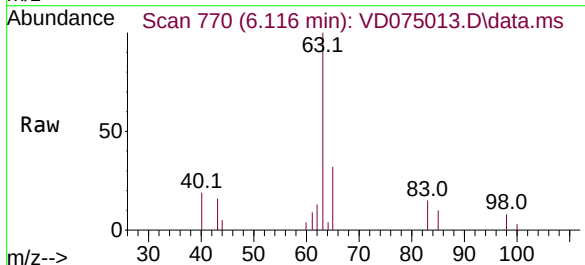
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

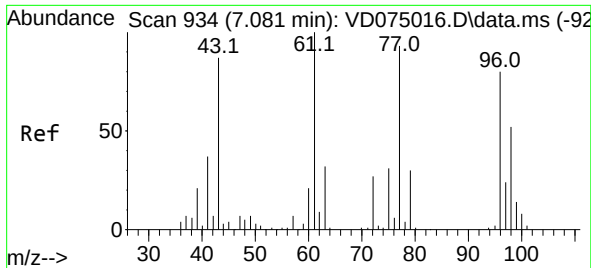
Tgt Ion: 43 Resp: 23869
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 4.747 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

Tgt Ion: 63 Resp: 14091
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.2 12.4
 100 3.5 3.1 9.3

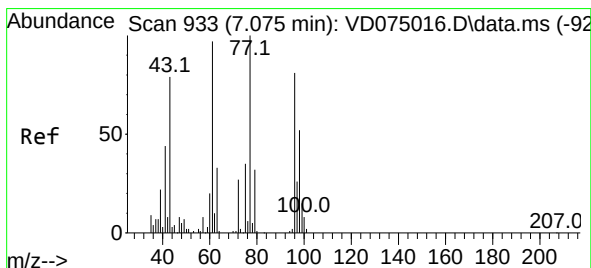
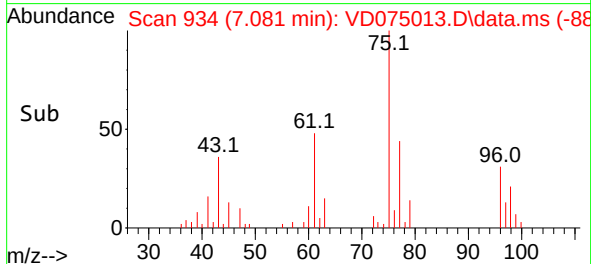
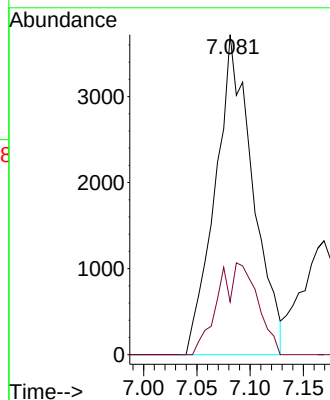
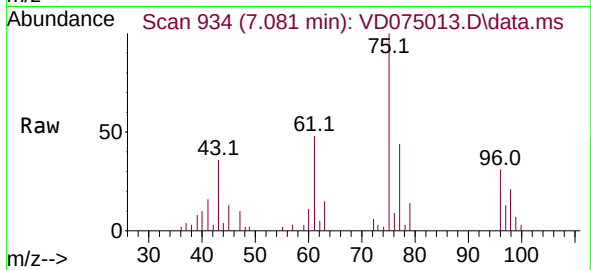




#25
2-Butanone
Concen: 22.397 ug/l
RT: 7.081 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

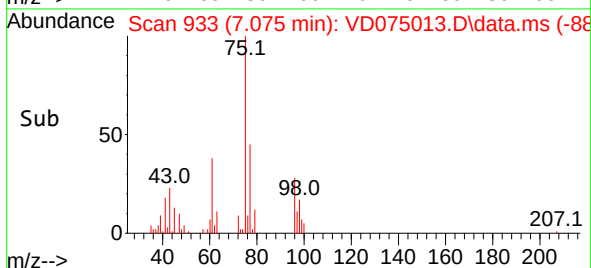
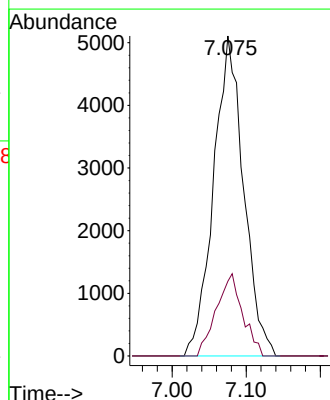
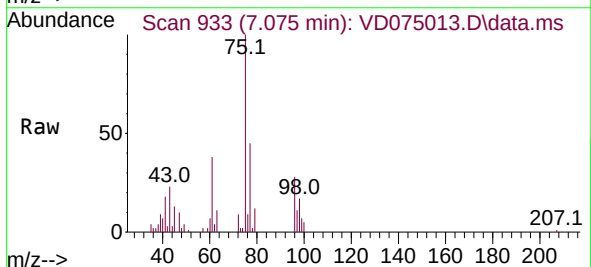
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

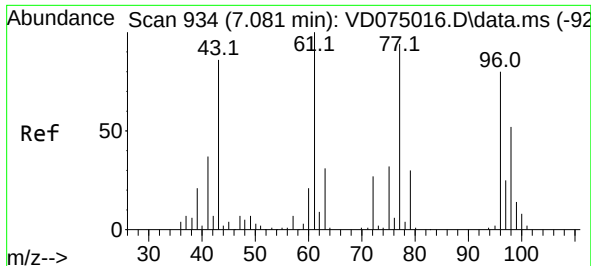
Tgt Ion: 43 Resp: 9112
Ion Ratio Lower Upper
43 100
72 16.5 25.2 37.8#



#26
2,2-Dichloropropane
Concen: 5.154 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 77 Resp: 14378
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 4.590 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

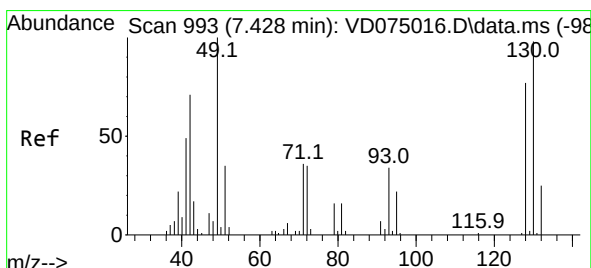
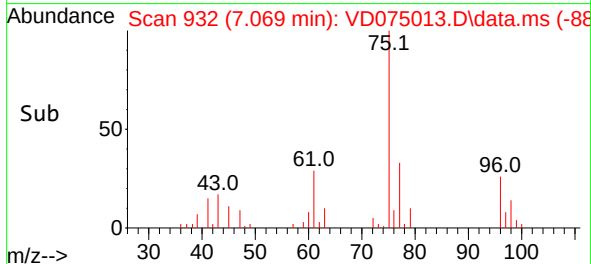
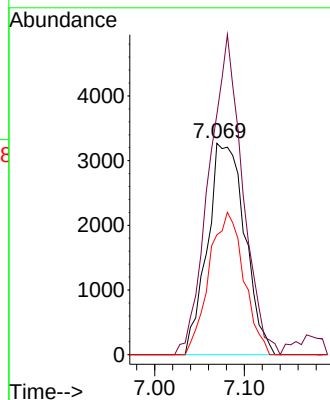
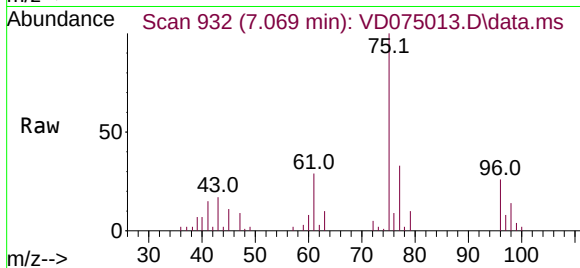
Tgt Ion: 96 Resp: 9463

Ion Ratio Lower Upper

96 100

61 136.0 0.0 245.2

98 62.7 0.0 130.0



#28

Bromochloromethane

Concen: 4.767 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

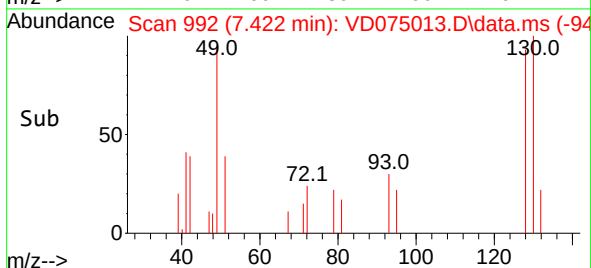
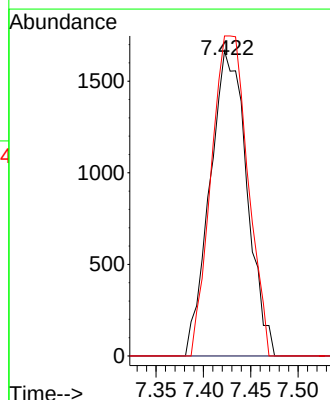
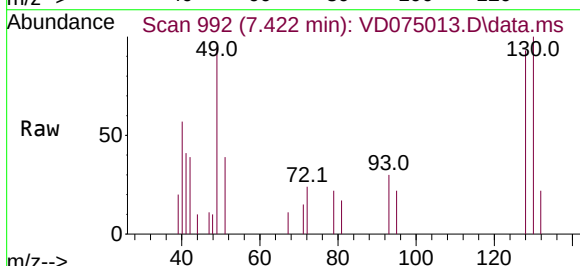
Tgt Ion: 49 Resp: 4525

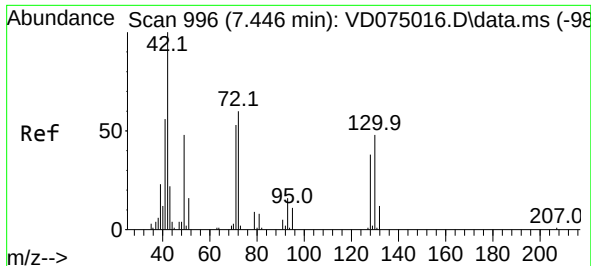
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 103.9 78.2 117.4





#29

Tetrahydrofuran

Concen: 21.422 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

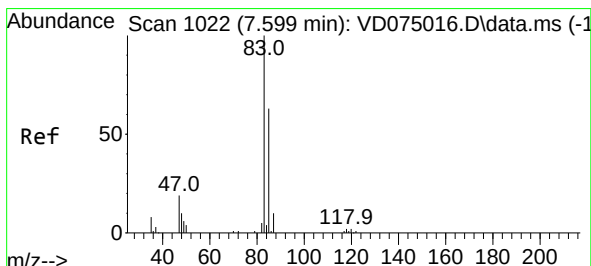
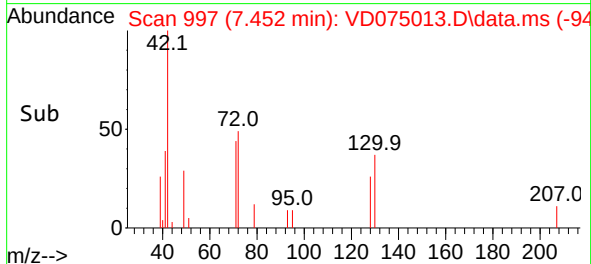
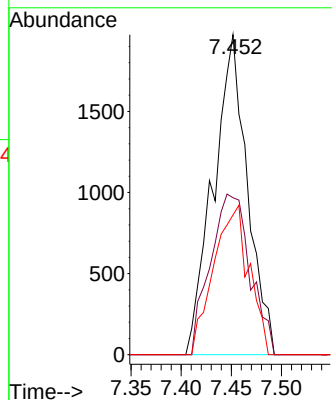
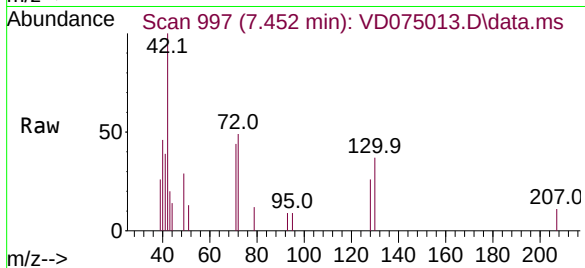
Tgt Ion: 42 Resp: 4665

Ion Ratio Lower Upper

42 100

72 58.8 44.4 66.6

71 48.6 41.4 62.0



#30

Chloroform

Concen: 4.967 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075013.D

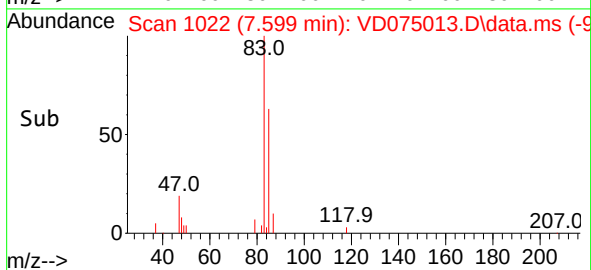
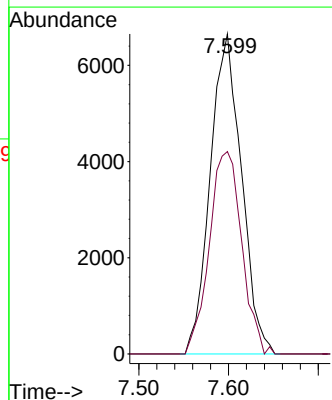
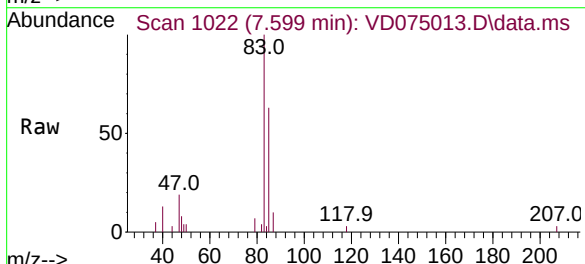
Acq: 14 Dec 2022 10:38

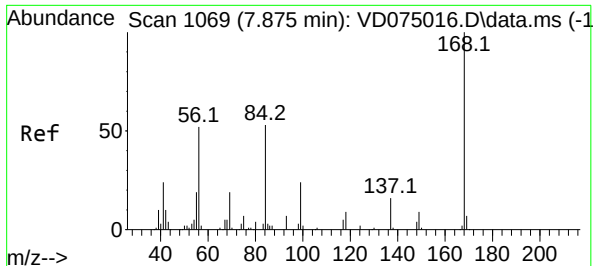
Tgt Ion: 83 Resp: 16079

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

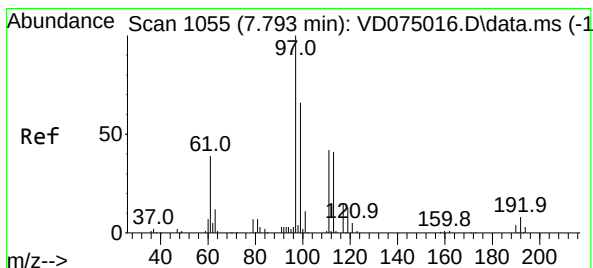
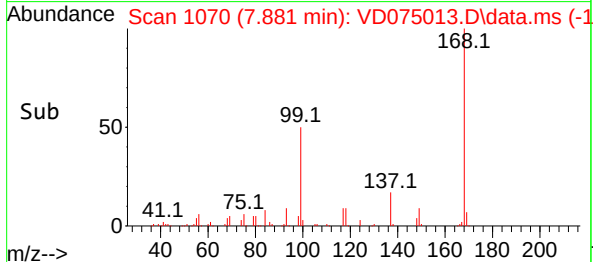
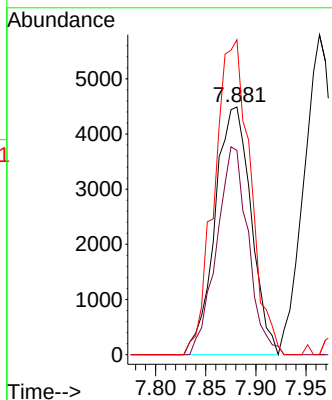
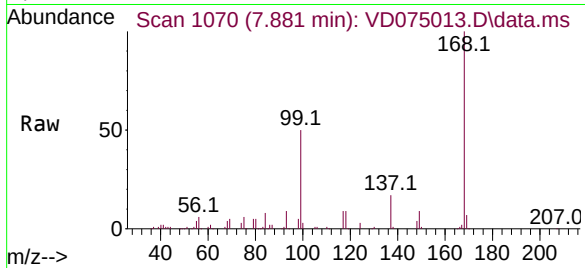




#31
Cyclohexane
Concen: 5.048 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

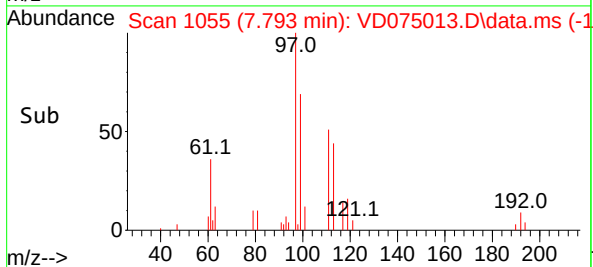
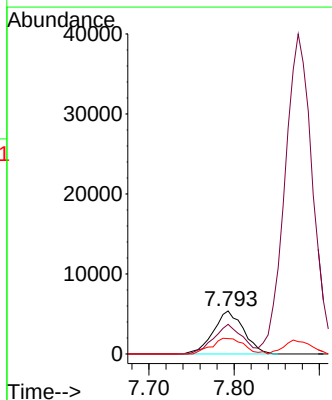
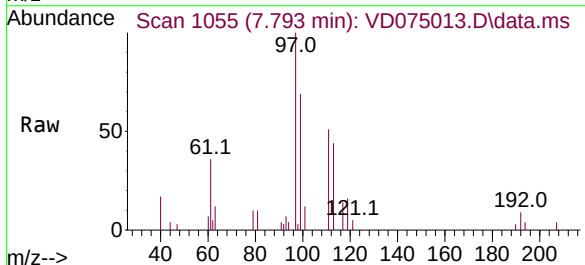
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

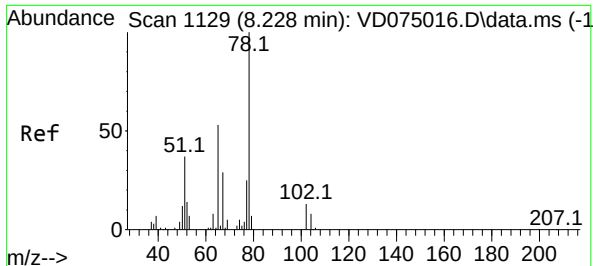
Tgt Ion: 56 Resp: 11233
Ion Ratio Lower Upper
56 100
69 82.4 29.0 43.6#
84 127.1 81.0 121.6#



#32
1,1,1-Trichloroethane
Concen: 4.760 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 97 Resp: 13182
Ion Ratio Lower Upper
97 100
99 66.7 51.0 76.6
61 38.8 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 5.867 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

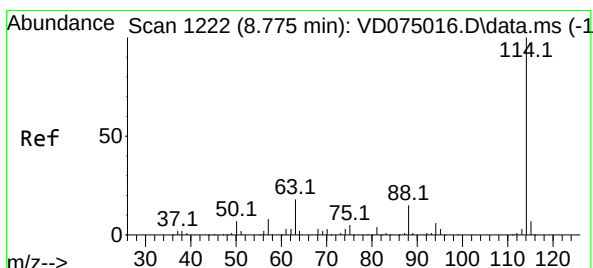
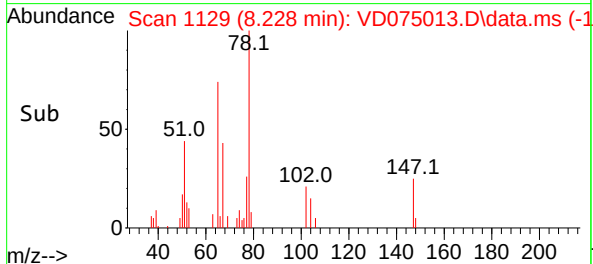
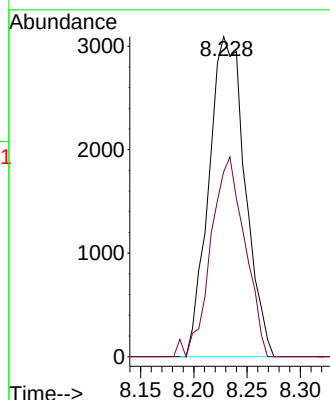
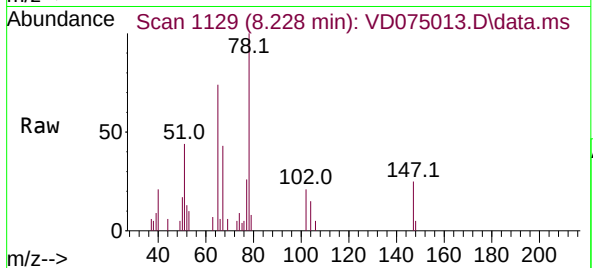
VSTDIC005

Tgt Ion: 65 Resp: 7303

Ion Ratio Lower Upper

65 100

67 58.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

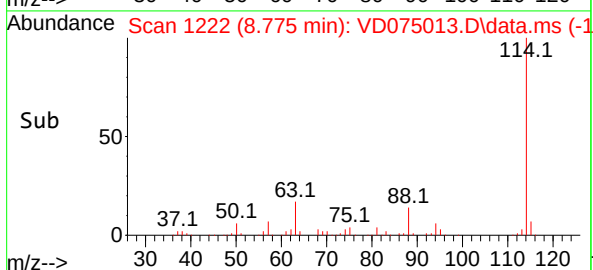
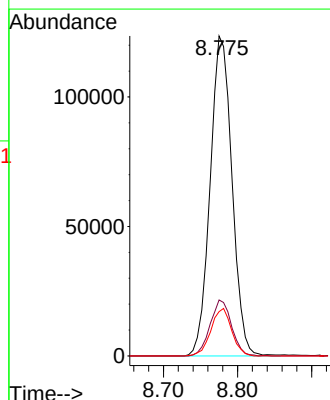
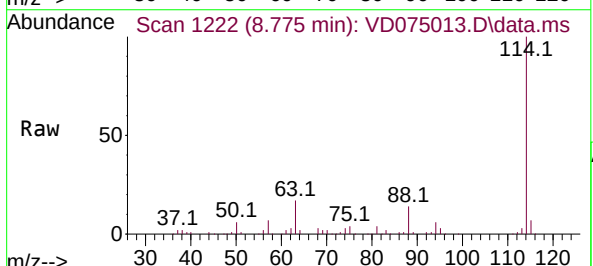
Tgt Ion: 114 Resp: 253237

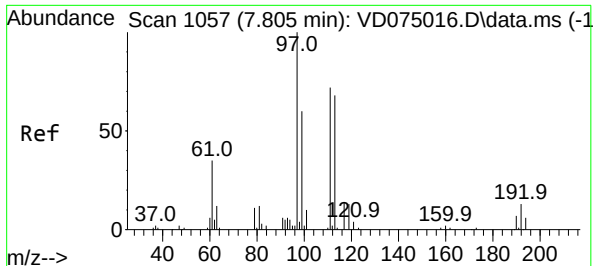
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 13.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 5.775 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

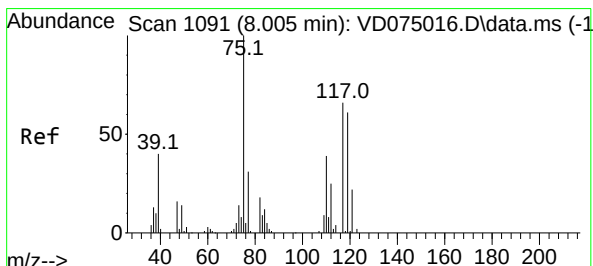
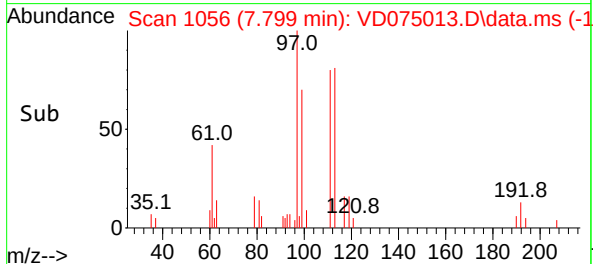
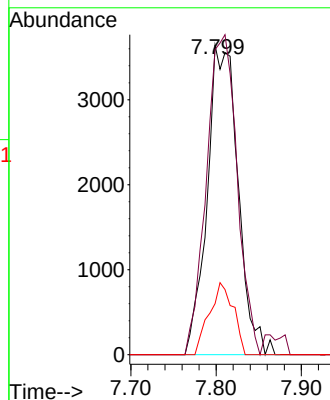
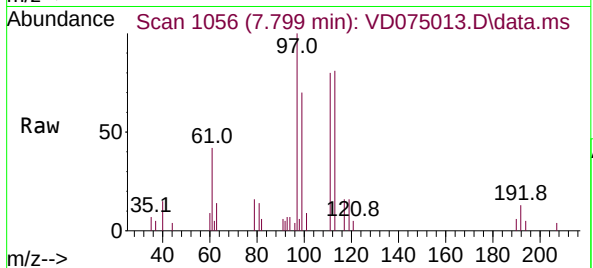
Tgt Ion:113 Resp: 9153

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 18.1 15.5 23.3



#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

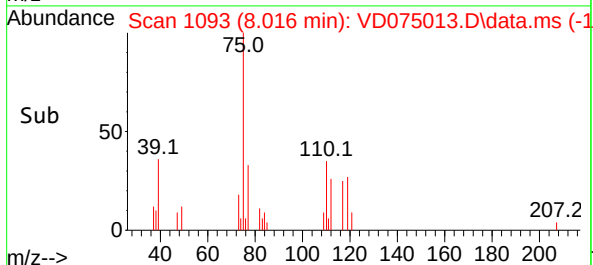
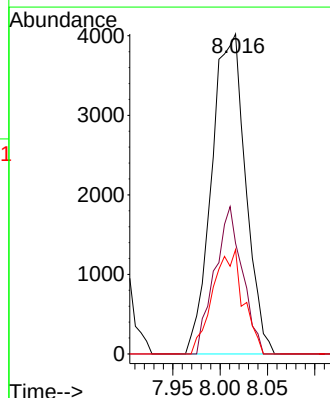
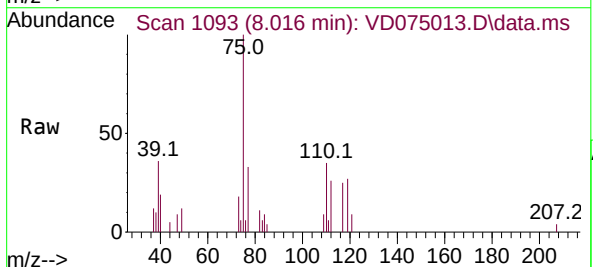
Tgt Ion: 75 Resp: 10015

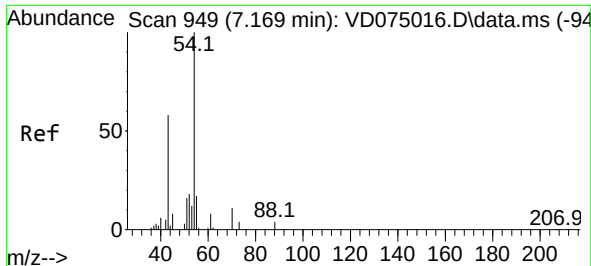
Ion Ratio Lower Upper

75 100

110 37.5 19.7 59.1

77 29.4 24.8 37.2

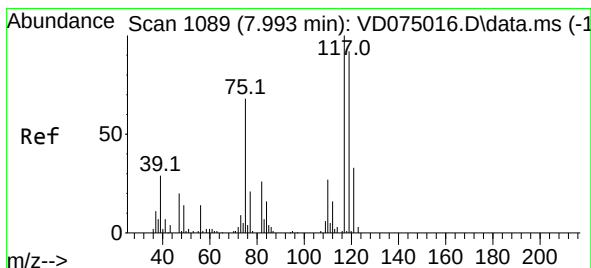
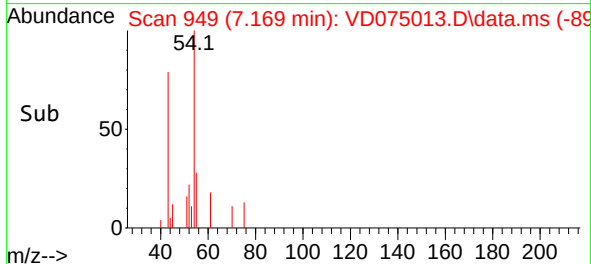
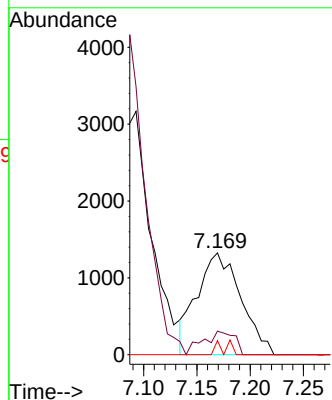
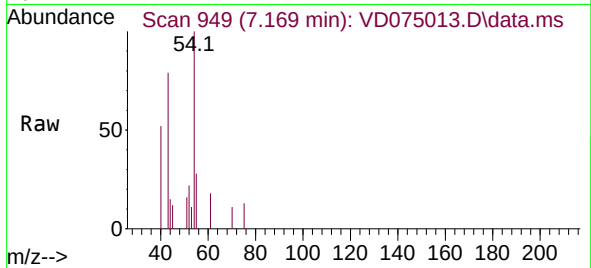




#37
Ethyl Acetate
Concen: 4.657 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

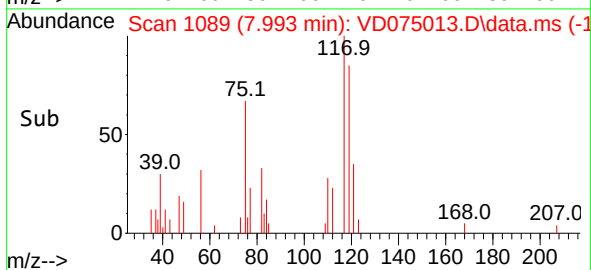
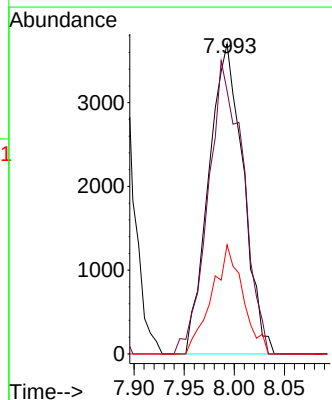
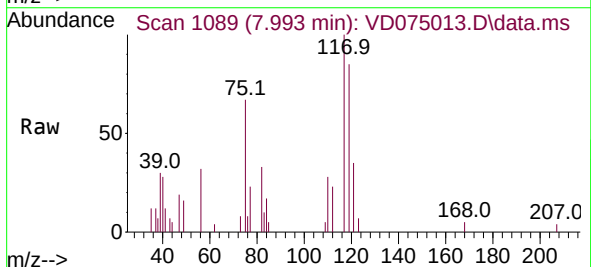
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

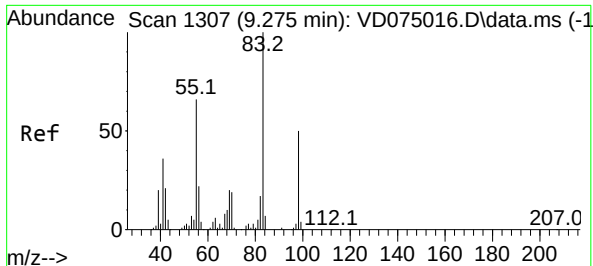
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
61 16.4 13.8 20.8
70 3.5 10.6 15.8#



#38
Carbon Tetrachloride
Concen: 4.548 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 117 Resp: 8861
Ion Ratio Lower Upper
117 100
119 84.8 73.2 109.8
121 35.2 26.1 39.1





#39

Methylcyclohexane

Concen: 4.249 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

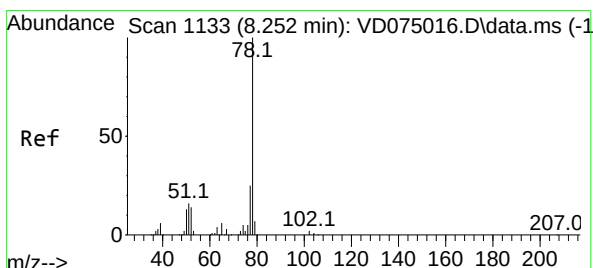
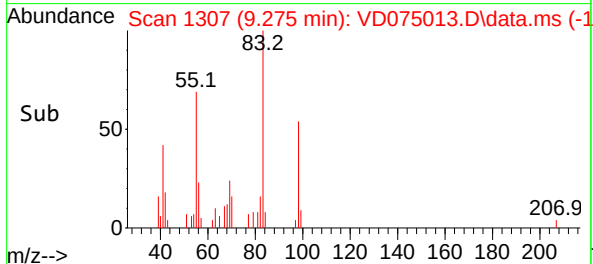
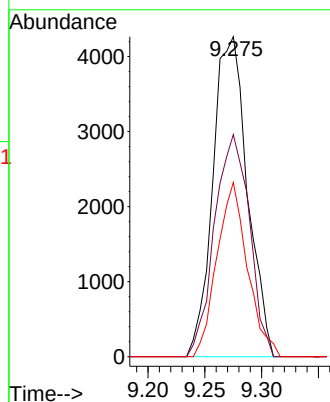
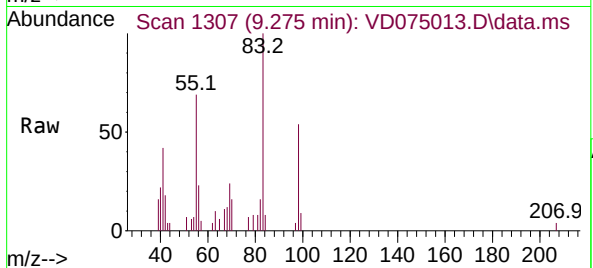
Tgt Ion: 83 Resp: 9009

Ion Ratio Lower Upper

83 100

55 69.4 52.9 79.3

98 54.4 40.2 60.2



#40

Benzene

Concen: 4.998 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075013.D

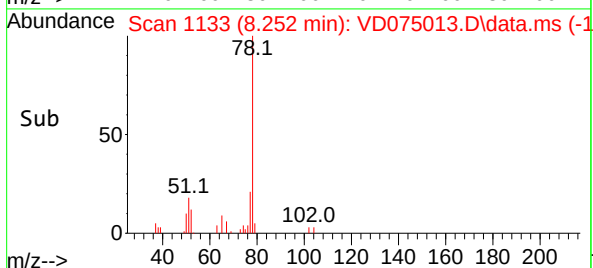
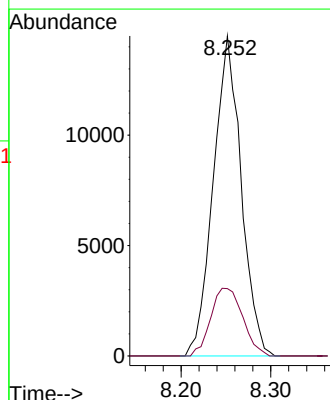
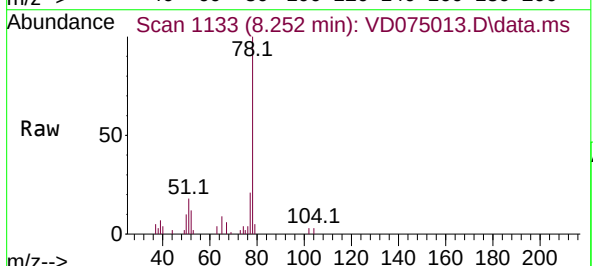
Acq: 14 Dec 2022 10:38

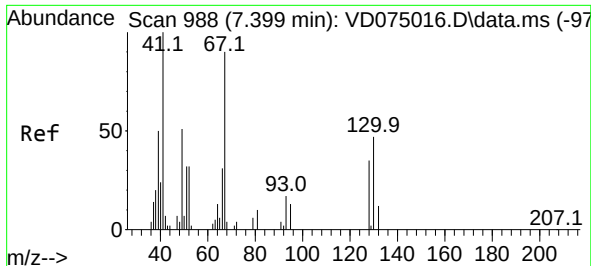
Tgt Ion: 78 Resp: 31262

Ion Ratio Lower Upper

78 100

77 21.0 20.2 30.2

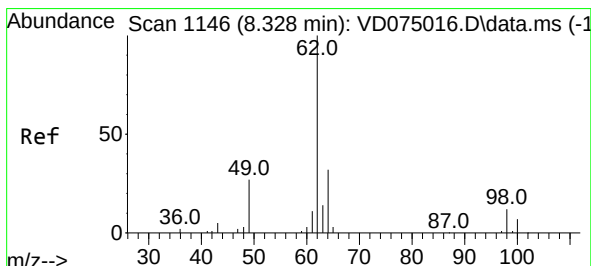
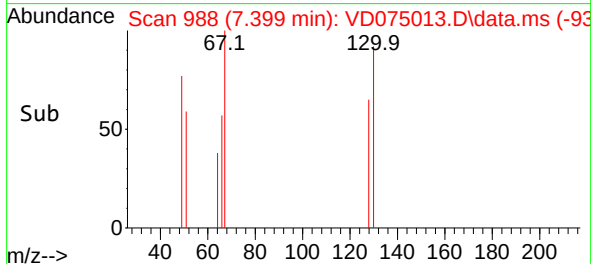
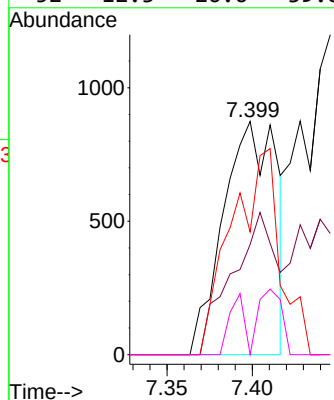
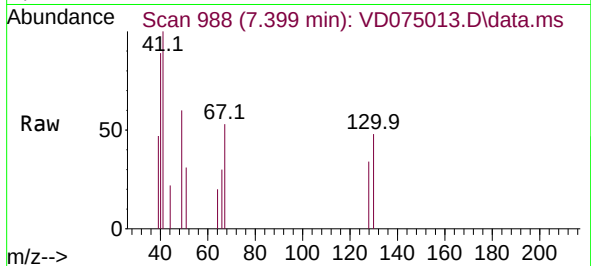




#41
Methacrylonitrile
Concen: 4.500 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

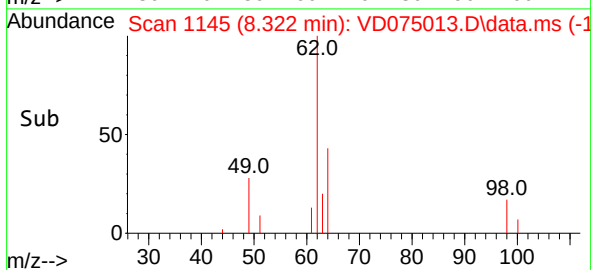
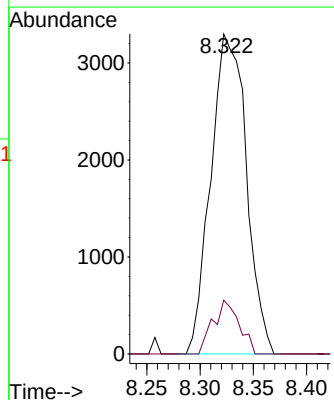
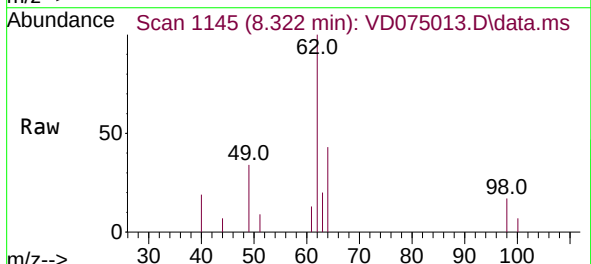
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

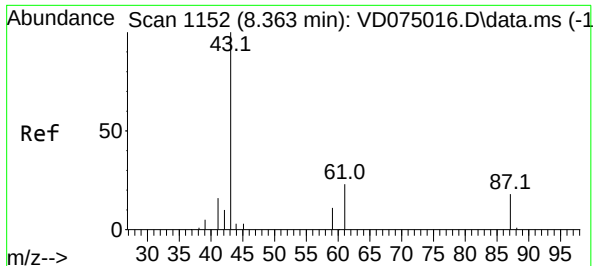
Tgt Ion:	41	Resp:	1901
Ion	Ratio	Lower	Upper
41	100		
39	50.1	45.9	68.9
67	80.0	76.0	114.0
52	12.3	26.6	39.8



#42
1,2-Dichloroethane
Concen: 5.099 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:	62	Resp:	7653
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	23.4

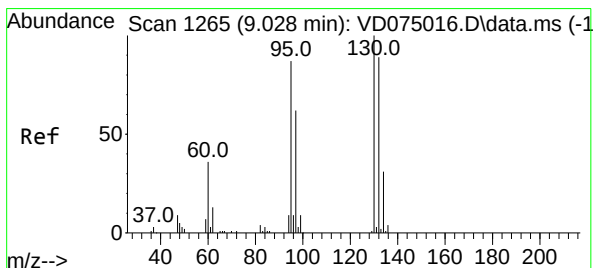
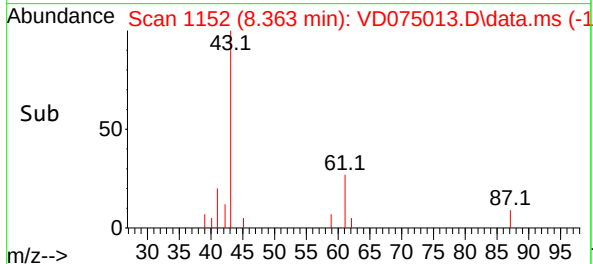
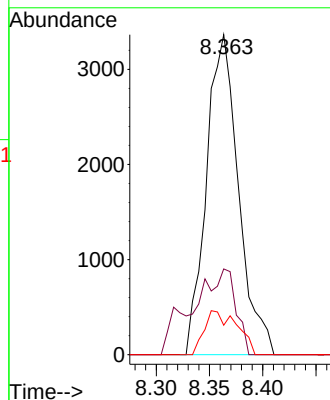
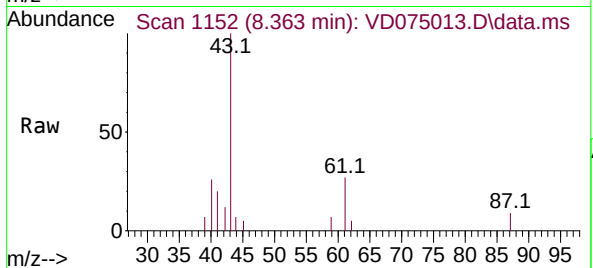




#43
Isopropyl Acetate
Concen: 5.152 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

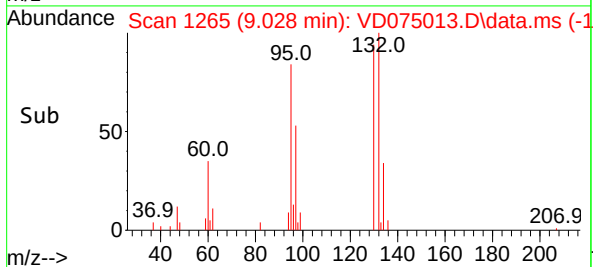
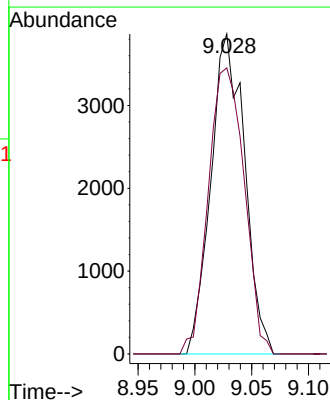
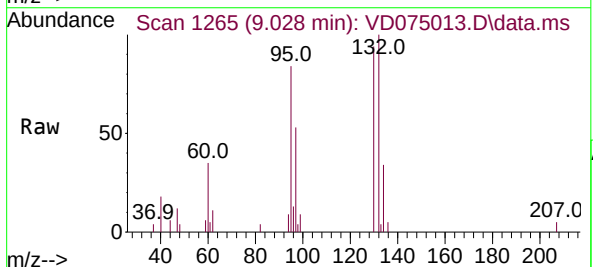
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

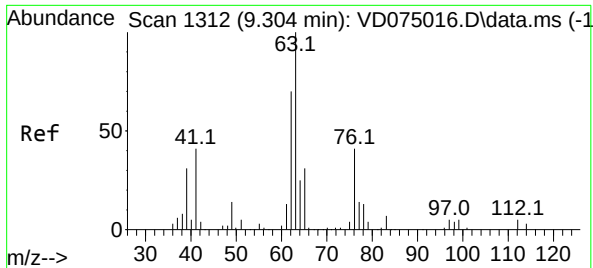
Tgt Ion:	43	Resp:	7043
Ion	Ratio	Lower	Upper
43	100		
61	28.5	28.2	42.2
87	14.0	13.8	20.6



#44
Trichloroethene
Concen: 4.868 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:	130	Resp:	7968
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	174.8





#45

1,2-Dichloropropane

Concen: 5.010 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

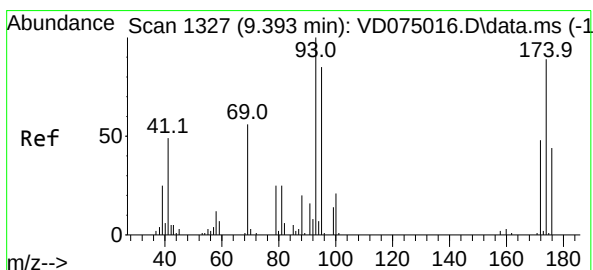
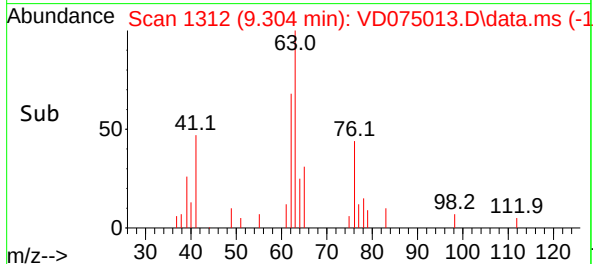
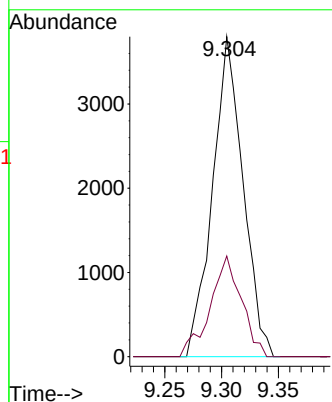
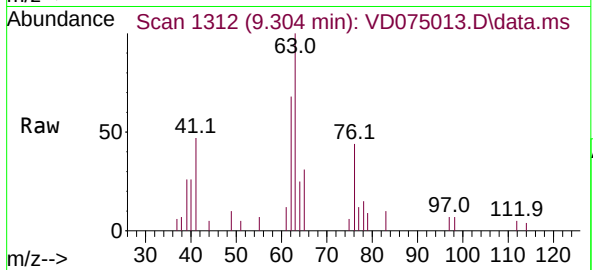
VSTDIC005

Tgt Ion: 63 Resp: 7104

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#46

Dibromomethane

Concen: 4.954 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

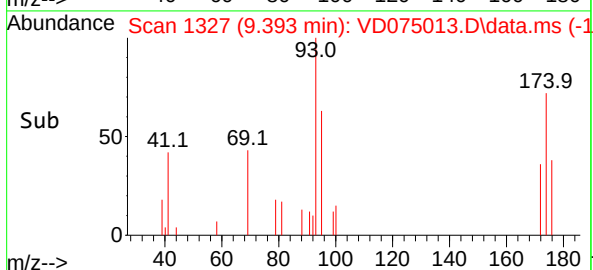
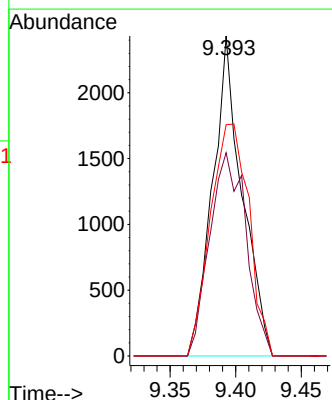
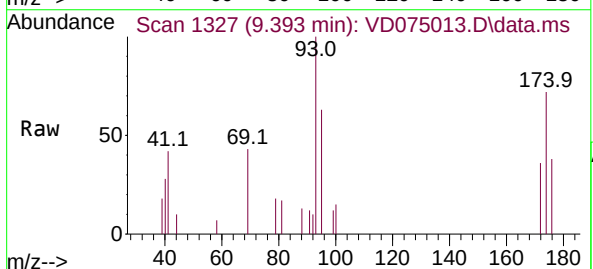
Tgt Ion: 93 Resp: 3817

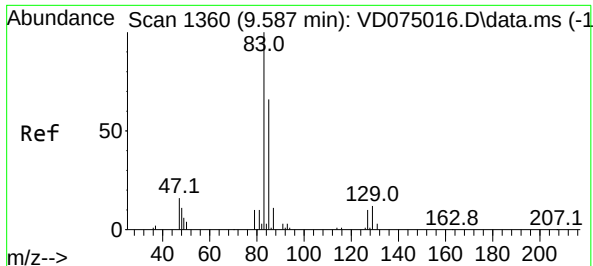
Ion Ratio Lower Upper

93 100

95 78.0 66.3 99.5

174 93.9 74.7 112.1

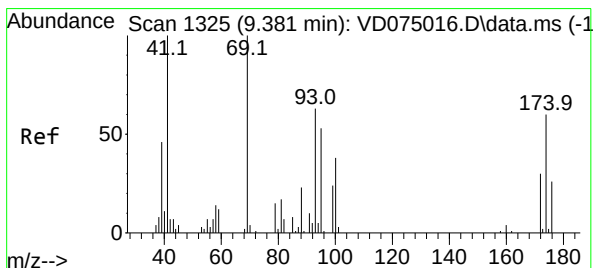
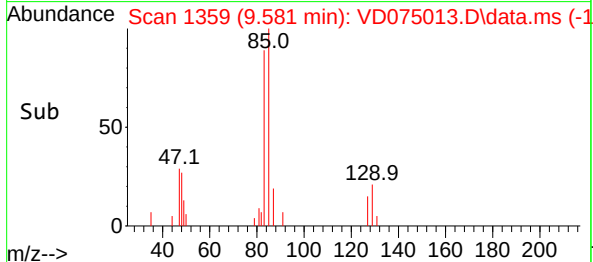
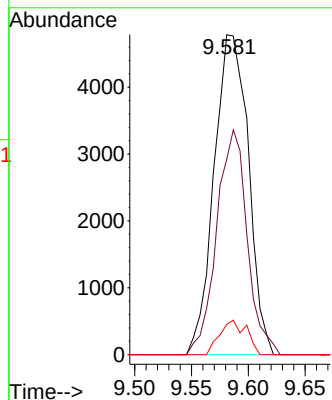
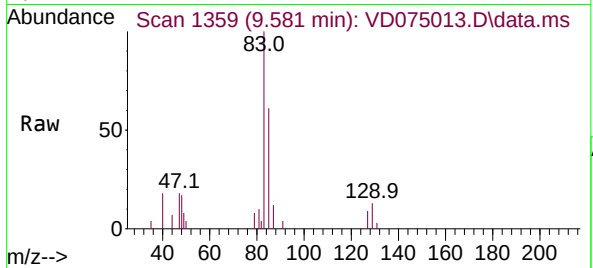




#47
Bromodichloromethane
Concen: 5.134 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

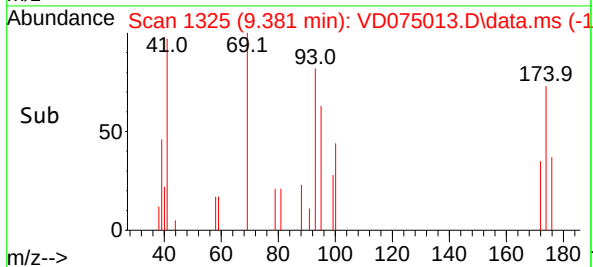
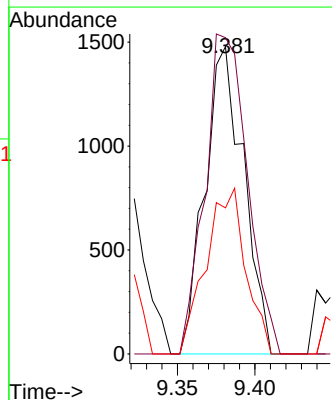
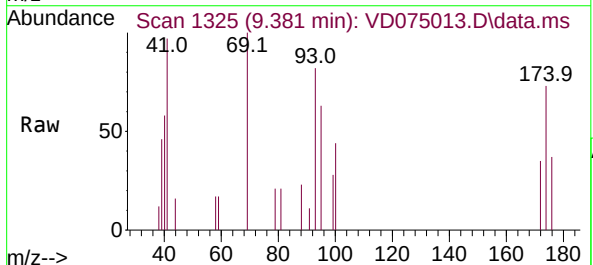
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

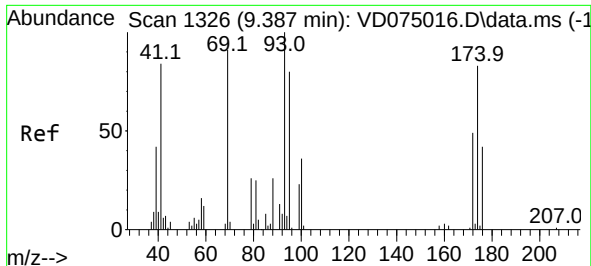
Tgt Ion: 83 Resp: 10040
Ion Ratio Lower Upper
83 100
85 61.1 53.0 79.6
127 9.4 8.1 12.1



#48
Methyl methacrylate
Concen: 4.286 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 41 Resp: 2572
Ion Ratio Lower Upper
41 100
69 114.0 87.0 130.4
39 55.3 43.6 65.4





#49

1,4-Dioxane

Concen: 90.797 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

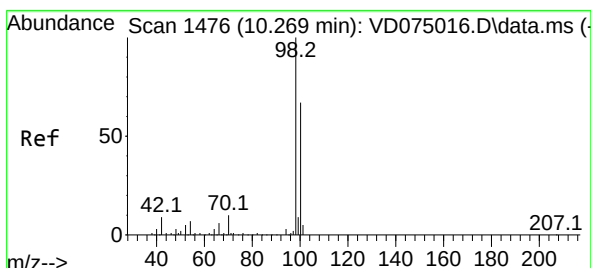
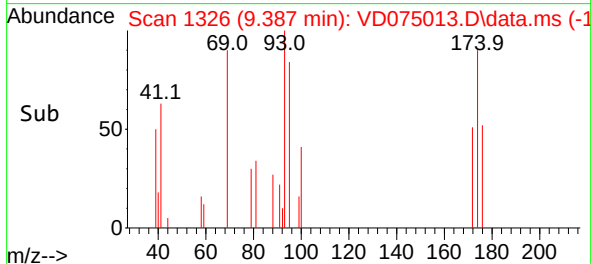
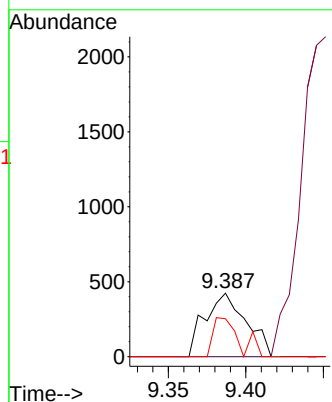
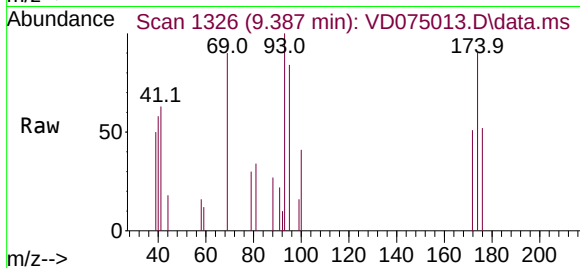
Tgt Ion: 88 Resp: 783

Ion Ratio Lower Upper

88 100

43 0.0 22.3 33.5#

58 38.4 47.3 70.9#



#50

Toluene-d8

Concen: 6.002 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075013.D

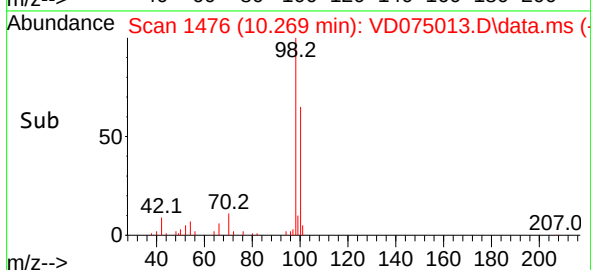
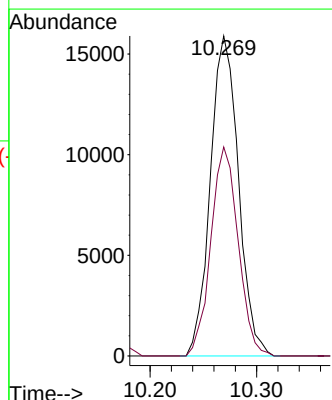
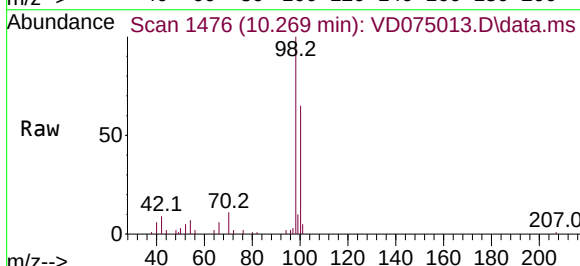
Acq: 14 Dec 2022 10:38

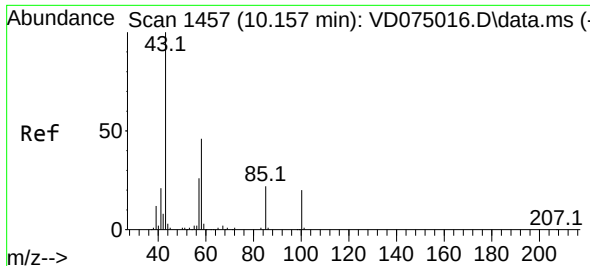
Tgt Ion: 98 Resp: 29161

Ion Ratio Lower Upper

98 100

100 63.4 52.3 78.5

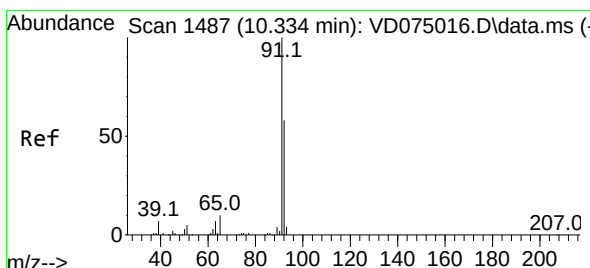
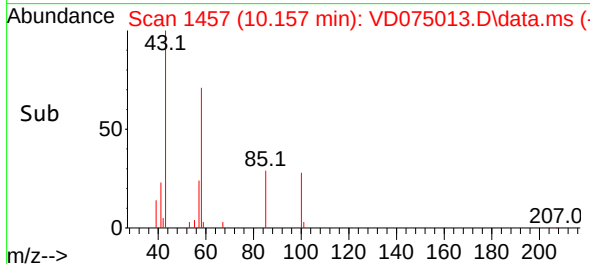
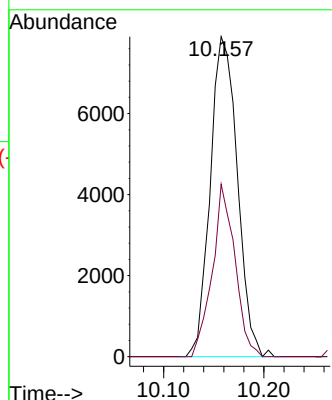
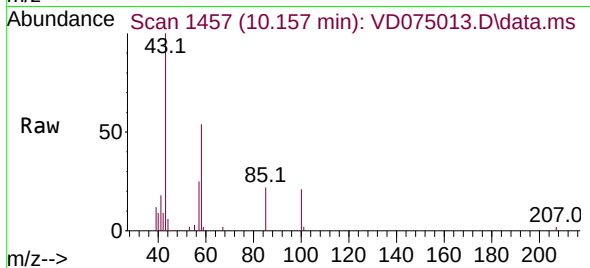




#51
4-Methyl-2-Pentanone
Concen: 21.714 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

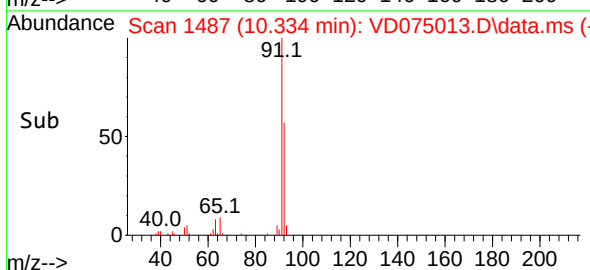
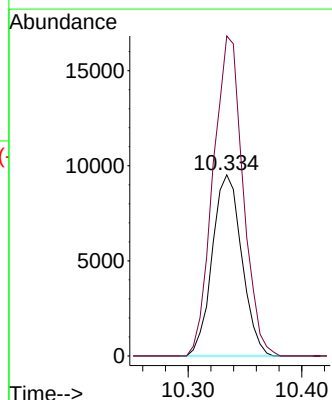
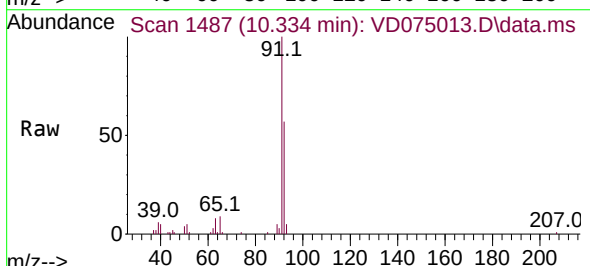
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

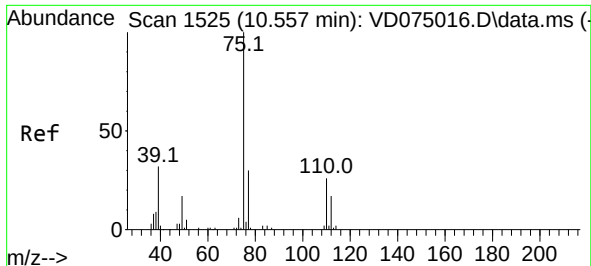
Tgt Ion: 43 Resp: 14837
Ion Ratio Lower Upper
43 100
58 45.0 35.8 53.6



#52
Toluene
Concen: 4.655 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 92 Resp: 17205
Ion Ratio Lower Upper
92 100
91 178.7 137.6 206.4

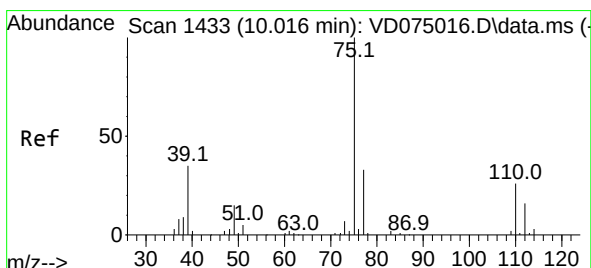
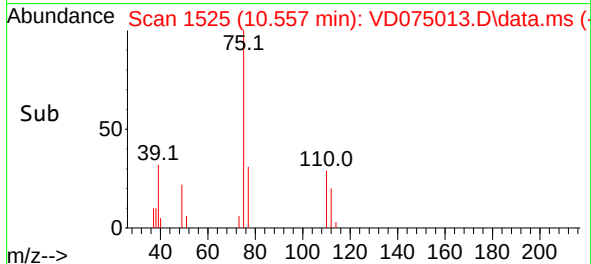
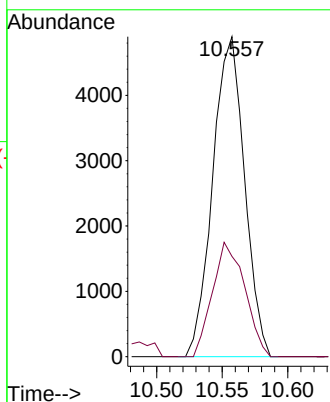
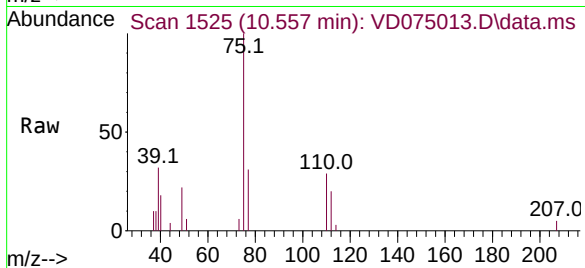




#53
t-1,3-Dichloropropene
Concen: 4.578 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

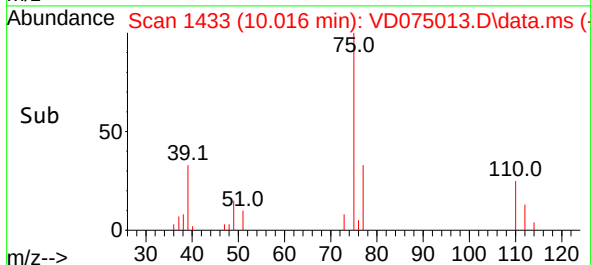
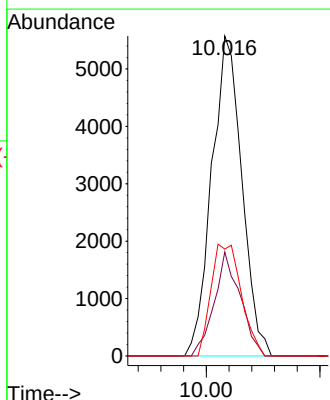
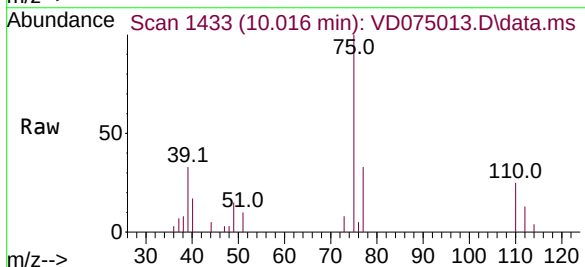
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

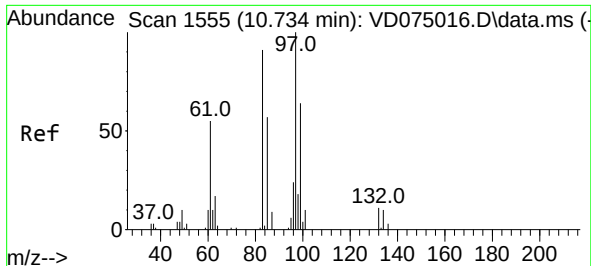
Tgt Ion: 75 Resp: 8252
Ion Ratio Lower Upper
75 100
77 31.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 4.686 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
39 33.4 28.3 42.5

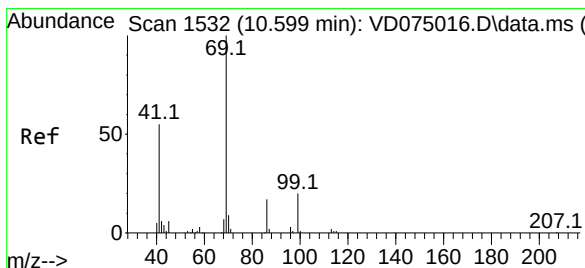
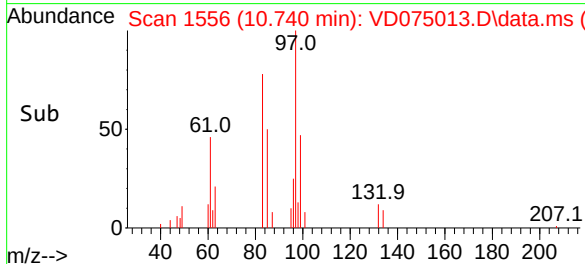
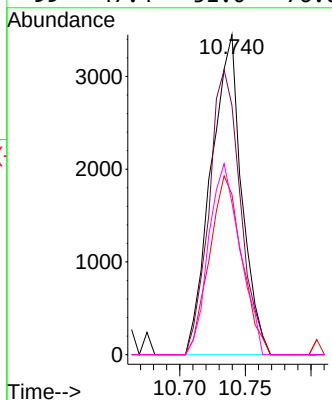
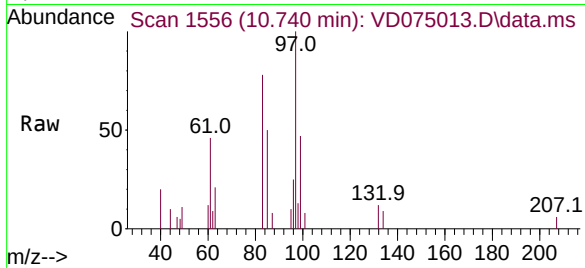




#55
1,1,2-Trichloroethane
Concen: 5.004 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

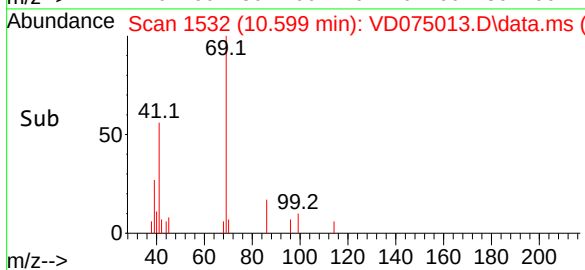
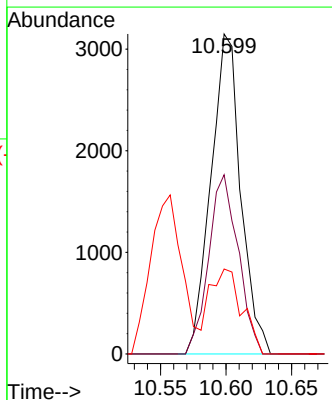
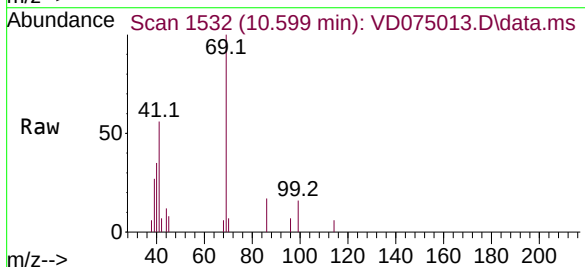
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

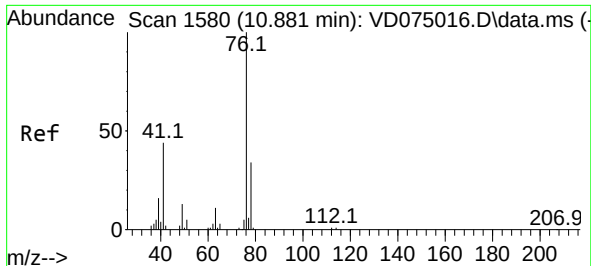
Tgt Ion: 97 Resp: 5629
Ion Ratio Lower Upper
97 100
83 77.9 73.1 109.7
85 50.0 45.4 68.2
99 47.4 51.0 76.6#



#56
Ethyl methacrylate
Concen: 4.042 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 69 Resp: 4992
Ion Ratio Lower Upper
69 100
41 55.2 42.7 64.1
39 28.4 20.4 30.6





#57

1,3-Dichloropropane

Concen: 4.950 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

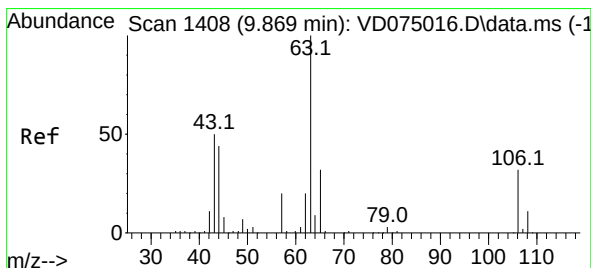
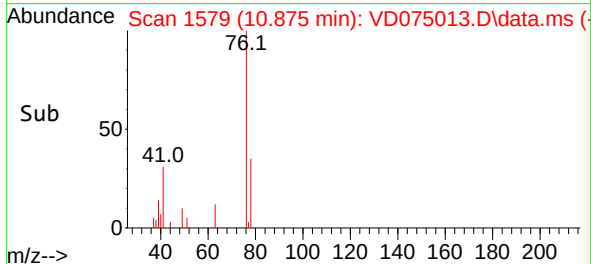
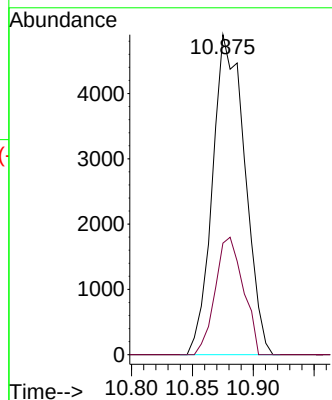
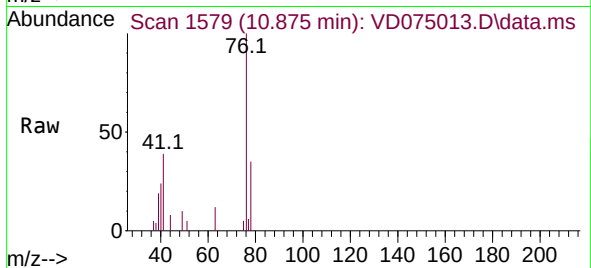
VSTDIC005

Tgt Ion: 76 Resp: 9022

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 20.888 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075013.D

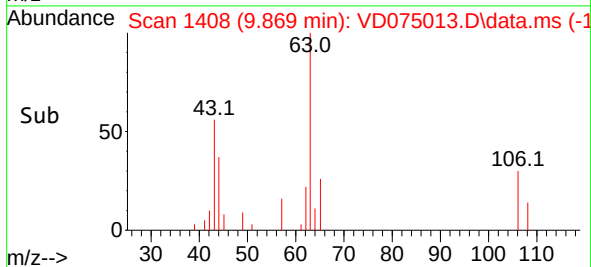
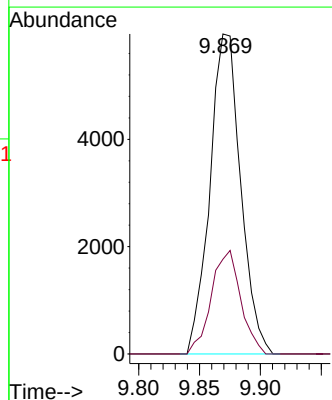
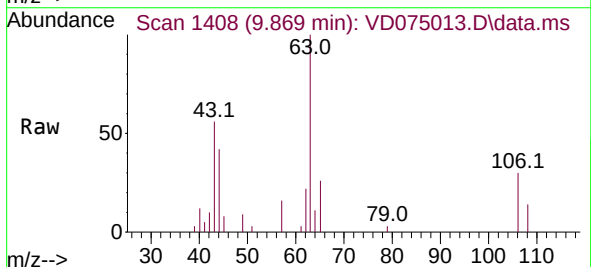
Acq: 14 Dec 2022 10:38

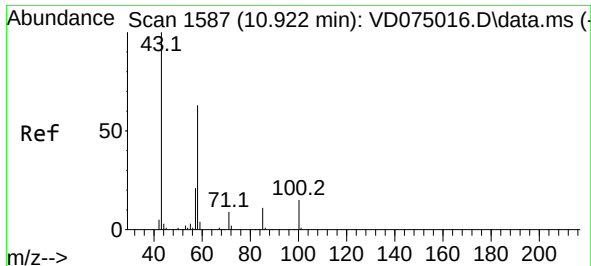
Tgt Ion: 63 Resp: 10483

Ion Ratio Lower Upper

63 100

106 30.9 25.0 37.4

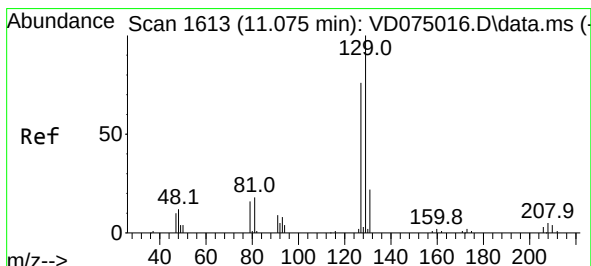
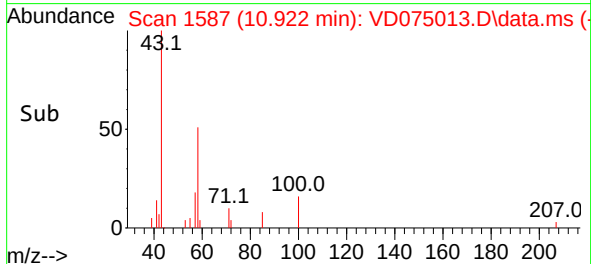
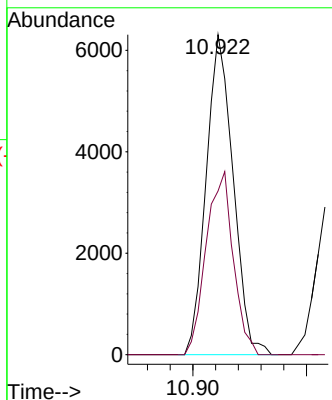
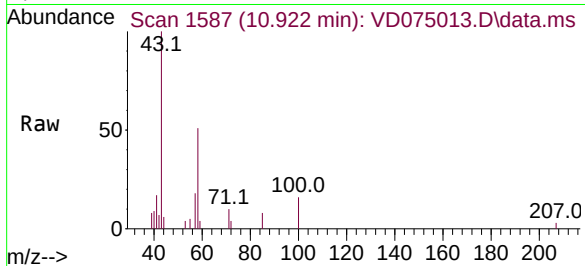




#59
2-Hexanone
Concen: 20.899 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

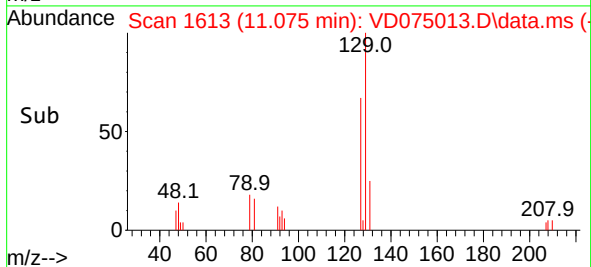
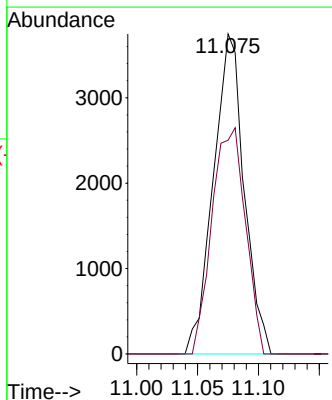
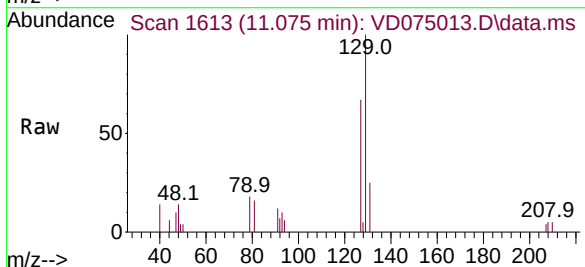
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

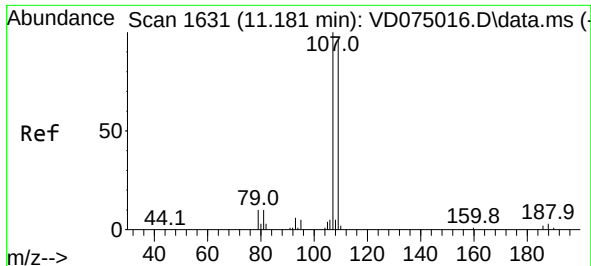
Tgt Ion: 43 Resp: 10400
Ion Ratio Lower Upper
43 100
58 57.5 31.4 94.3



#60
Dibromochloromethane
Concen: 5.020 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 129 Resp: 6596
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

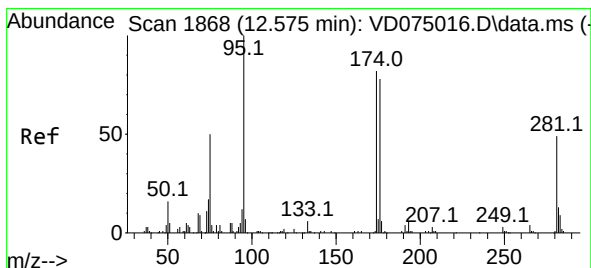
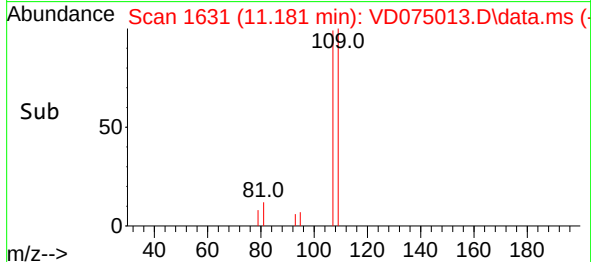
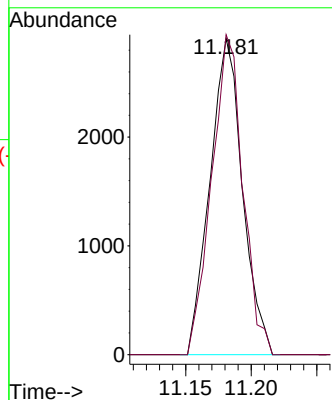
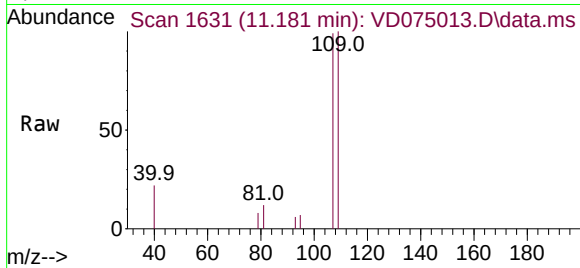




#61
1,2-Dibromoethane
Concen: 4.942 ug/l
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

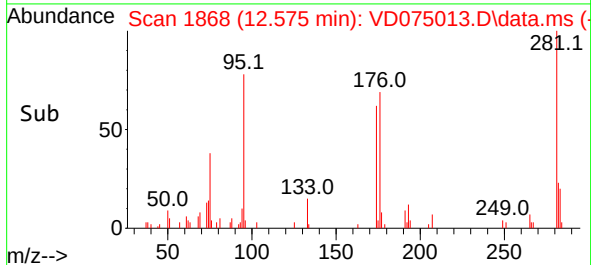
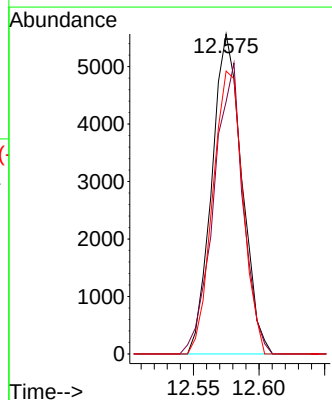
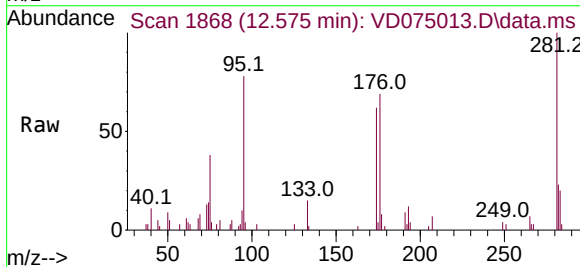
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

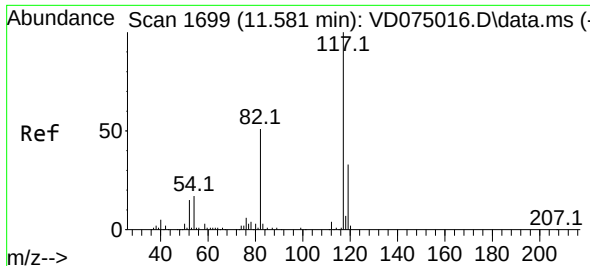
Tgt Ion:107 Resp: 5019
Ion Ratio Lower Upper
107 100
109 96.9 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 5.713 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 95 Resp: 8912
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 88.2 0.0 165.8

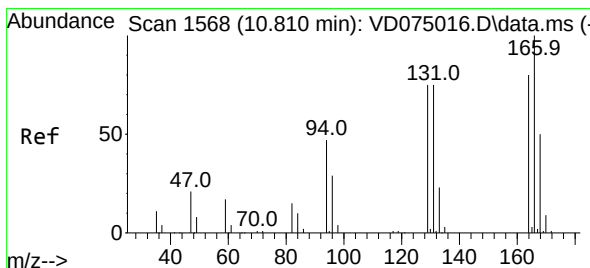
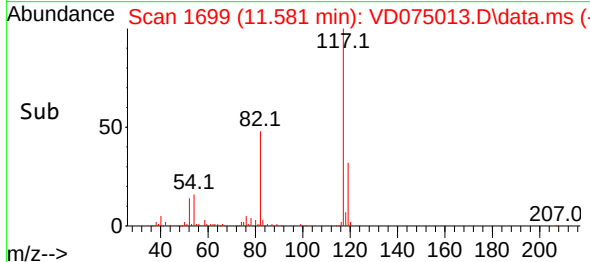
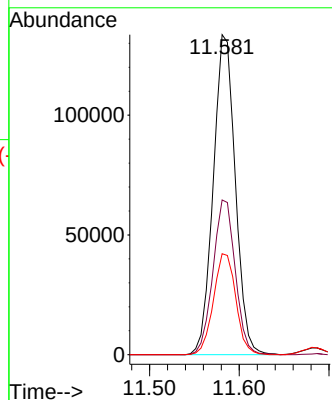
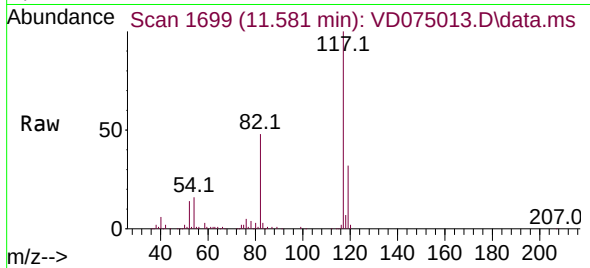




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

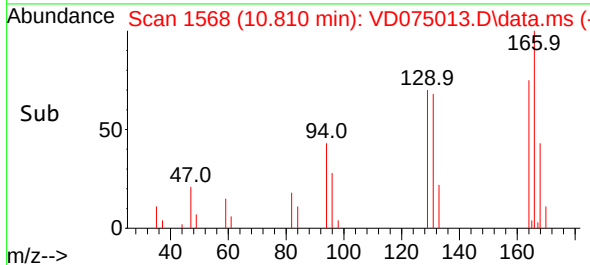
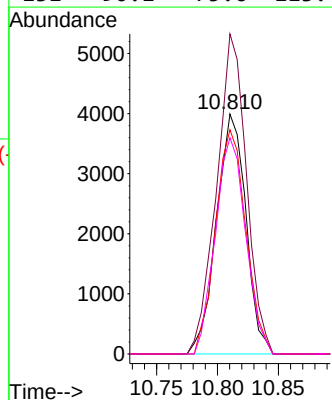
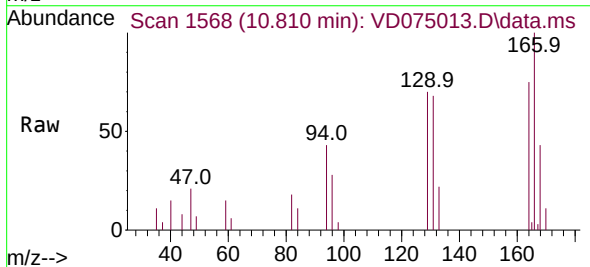
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

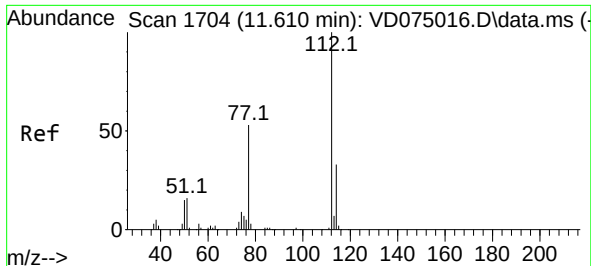
Tgt Ion:117 Resp: 228241
Ion Ratio Lower Upper
117 100
82 48.4 40.7 61.1
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 5.060 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:164 Resp: 6715
Ion Ratio Lower Upper
164 100
166 133.4 100.3 150.5
129 93.4 74.8 112.2
131 90.1 75.6 113.4

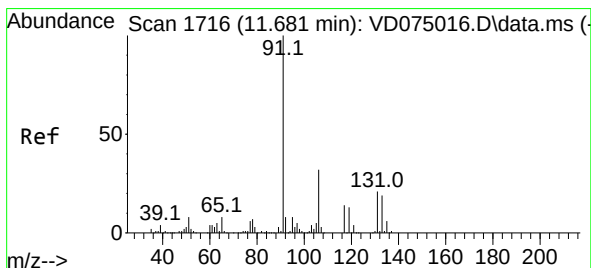
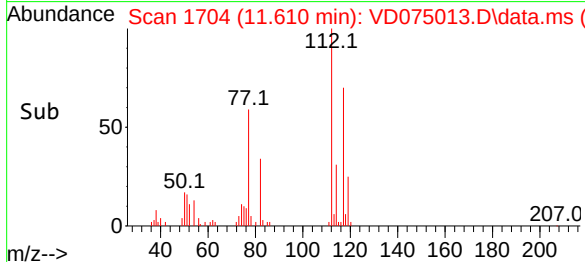
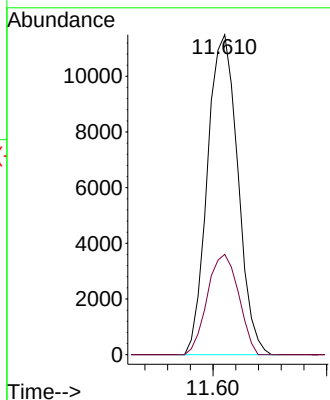
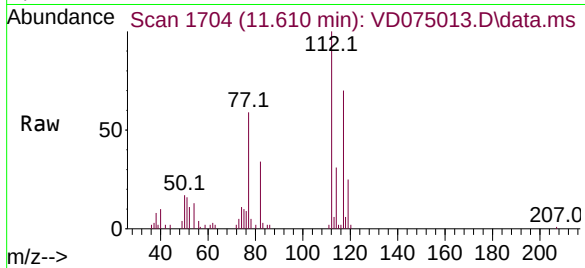




#65
Chlorobenzene
Concen: 5.092 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

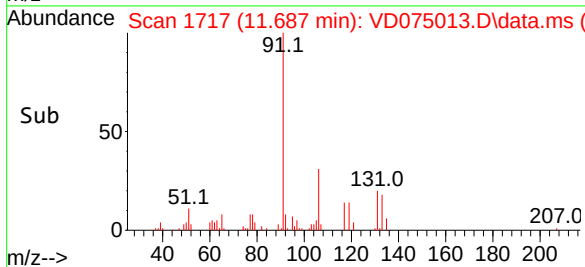
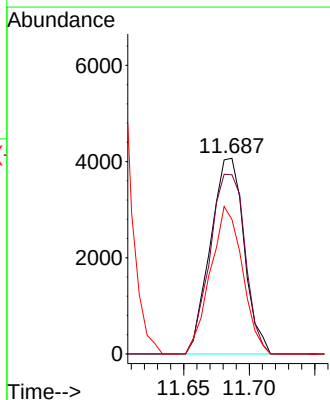
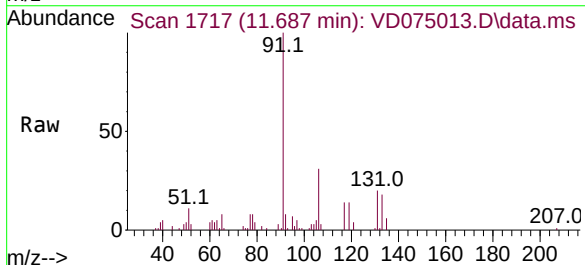
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

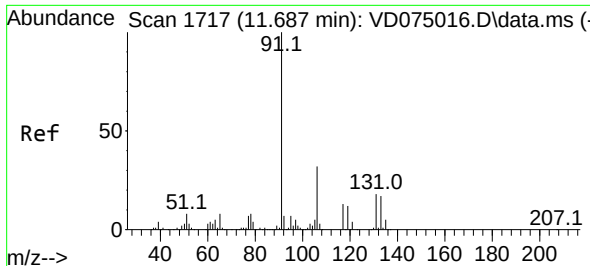
Tgt Ion:112 Resp: 21341
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.936 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:131 Resp: 7272
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 71.5 33.4 100.1

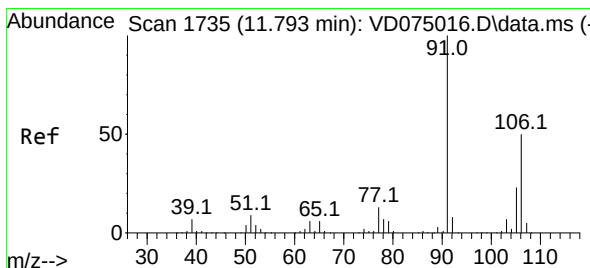
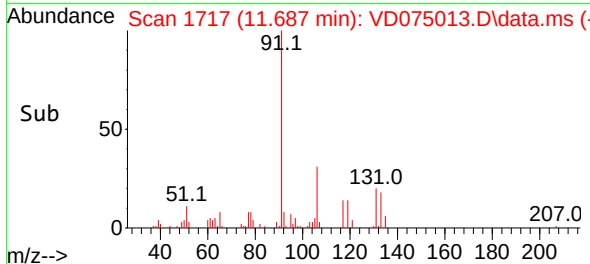
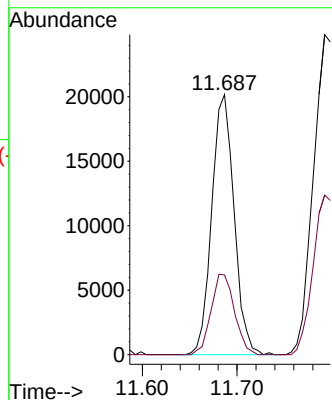
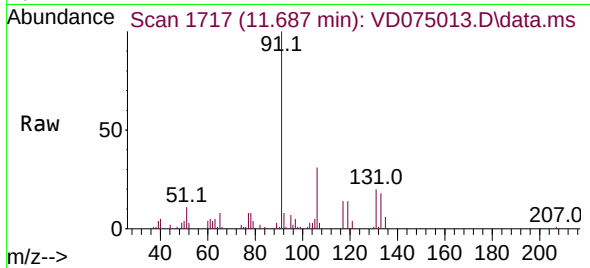




#67
Ethyl Benzene
Concen: 4.558 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

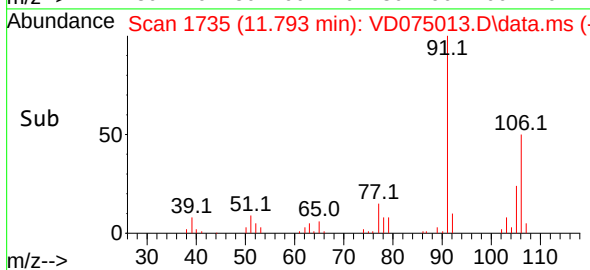
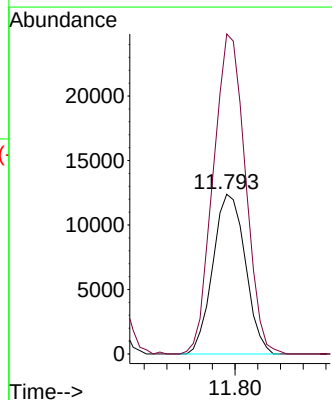
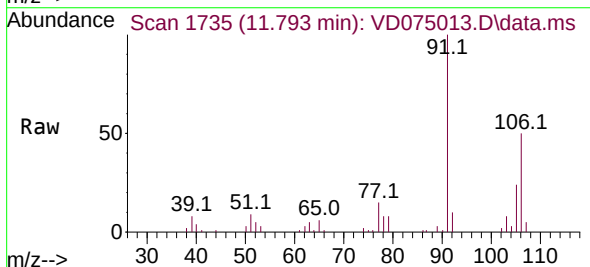
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

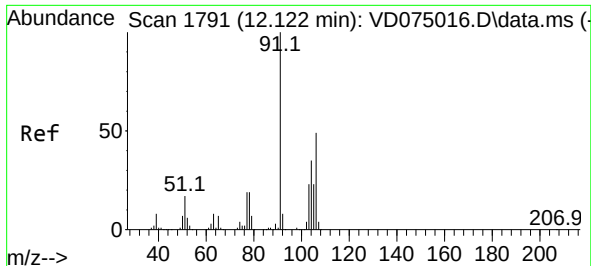
Tgt Ion: 91 Resp: 33003
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#68
m/p-Xylenes
Concen: 8.645 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 106 Resp: 24565
Ion Ratio Lower Upper
106 100
91 198.4 157.1 235.7

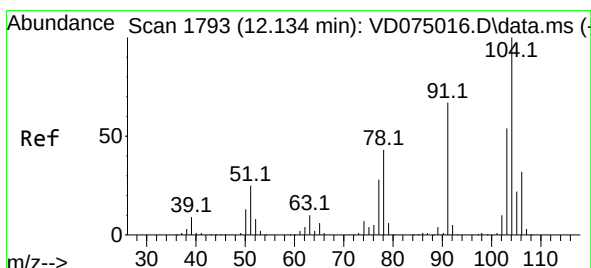
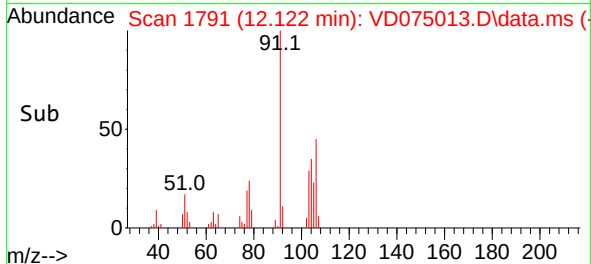
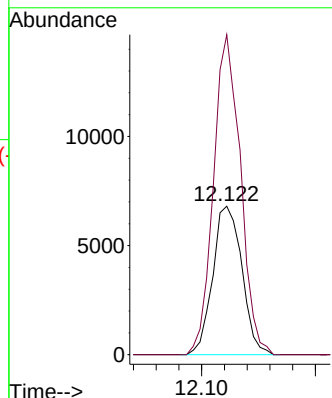
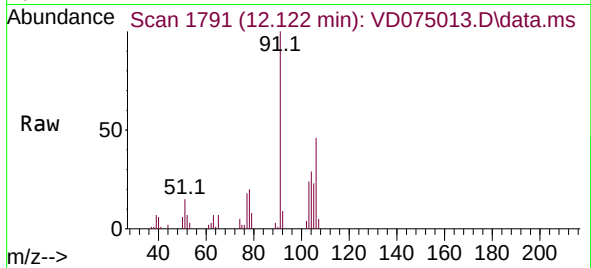




#69
o-Xylene
Concen: 4.502 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

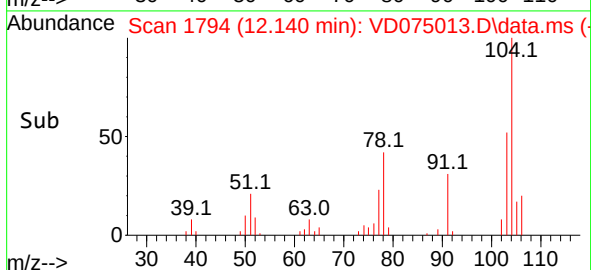
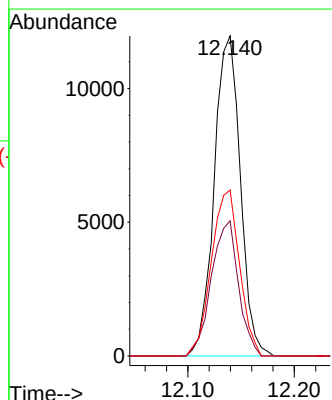
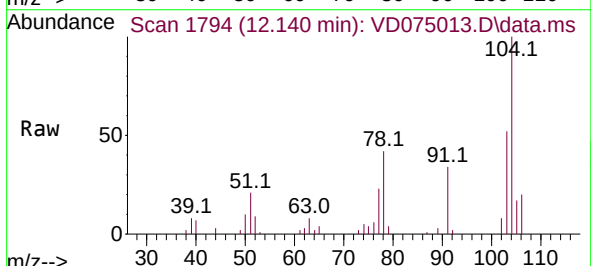
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

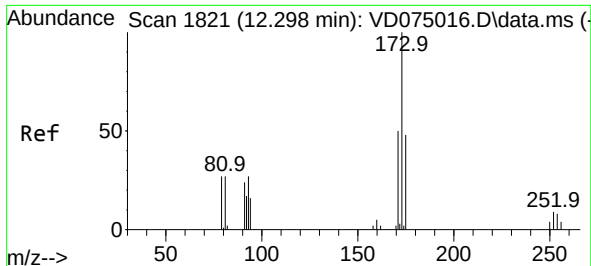
Tgt Ion:106 Resp: 12117
Ion Ratio Lower Upper
106 100
91 199.9 103.4 310.1



#70
Styrene
Concen: 4.402 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:104 Resp: 20365
Ion Ratio Lower Upper
104 100
78 43.9 35.9 53.9
103 55.9 44.7 67.1

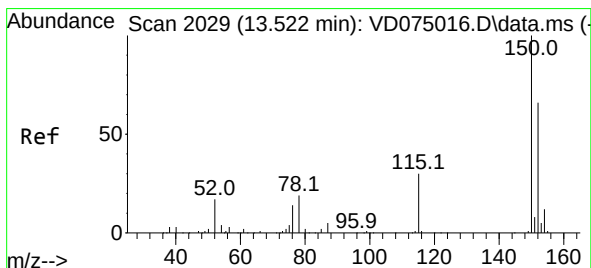
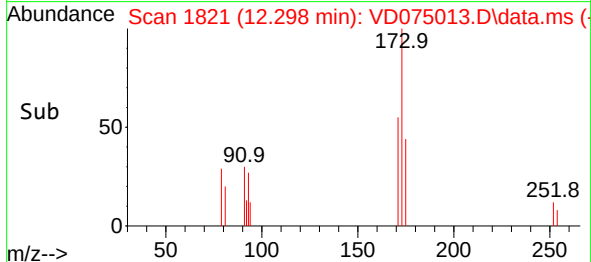
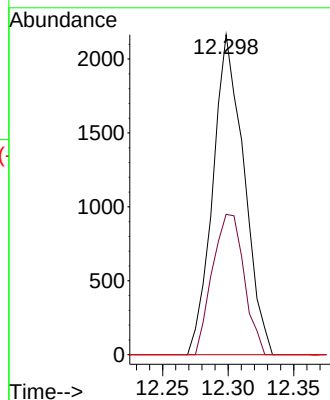
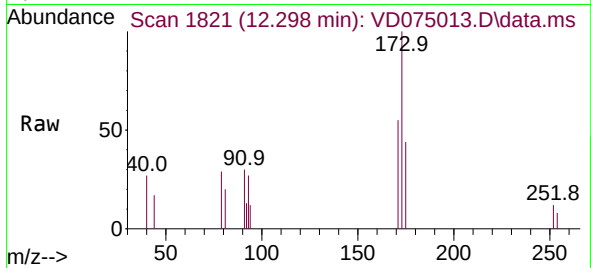




#71
Bromoform
Concen: 4.709 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

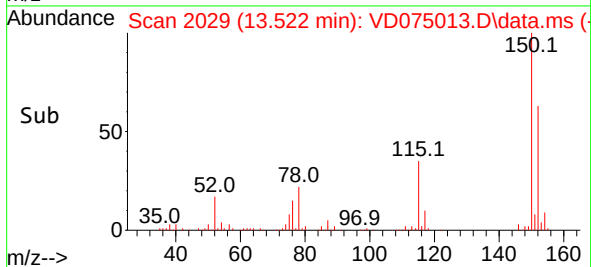
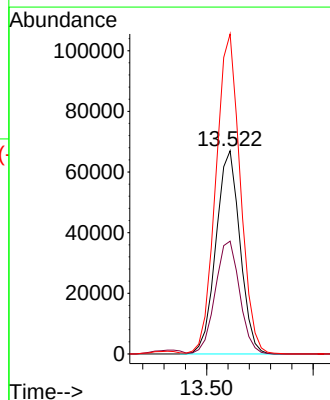
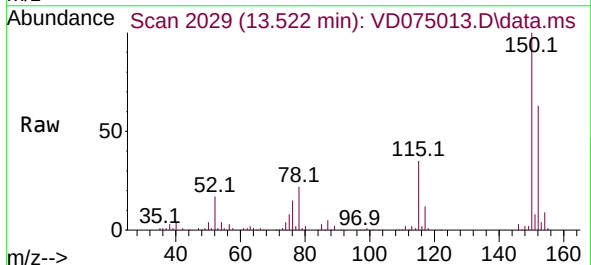
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

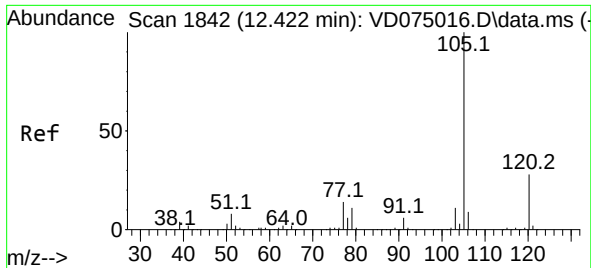
Tgt Ion:173 Resp: 3566
Ion Ratio Lower Upper
173 100
175 44.7 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:152 Resp: 104648
Ion Ratio Lower Upper
152 100
115 56.6 28.0 84.0
150 159.9 0.0 342.0

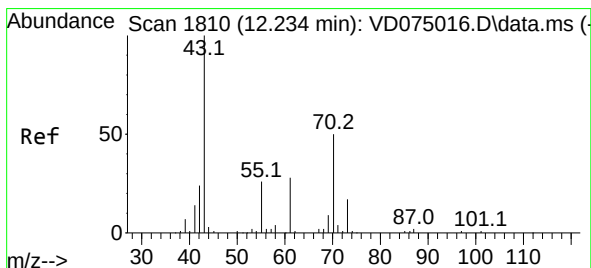
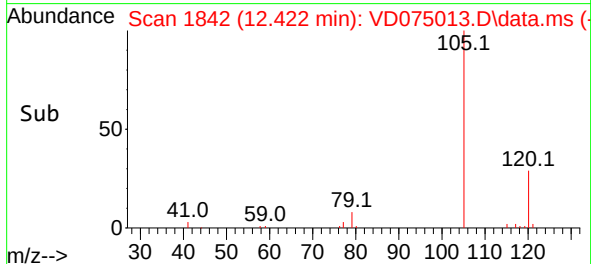
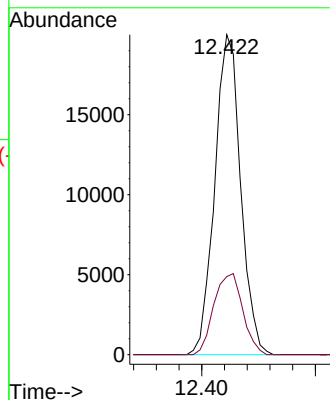
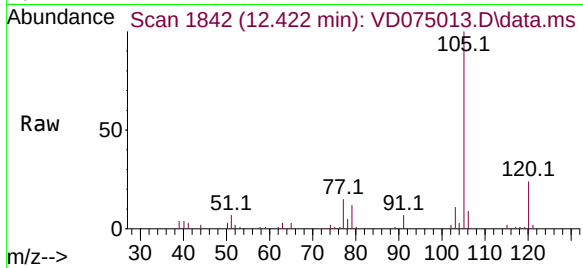




#73
Isopropylbenzene
Concen: 4.577 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

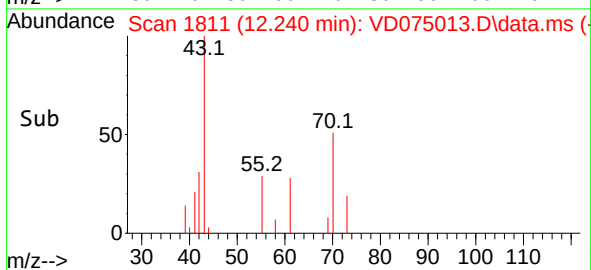
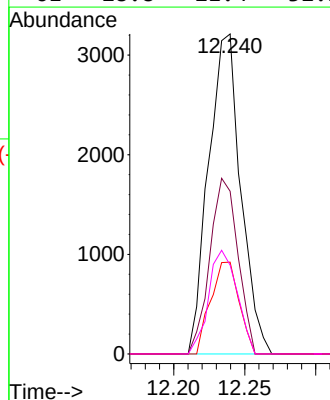
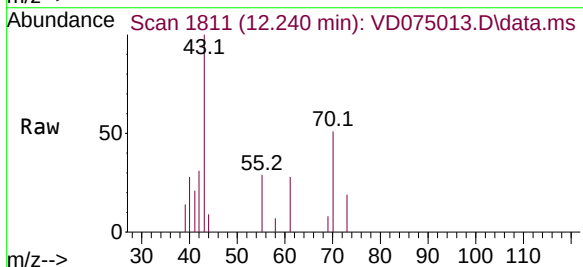
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

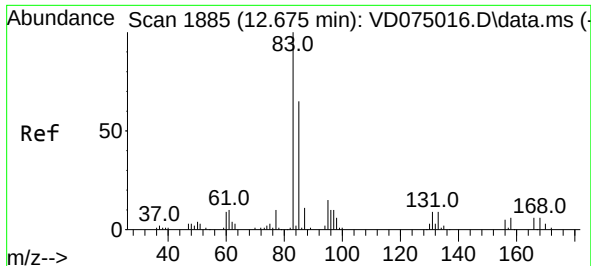
Tgt Ion:105 Resp: 31680
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4



#74
N-ethyl acetate
Concen: 4.183 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 43 Resp: 5059
Ion Ratio Lower Upper
43 100
70 47.9 40.2 60.4
55 25.3 21.6 32.4
61 28.8 21.4 32.2

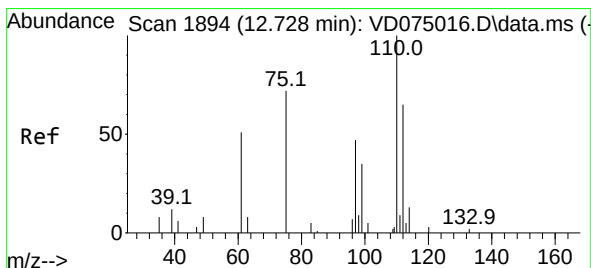
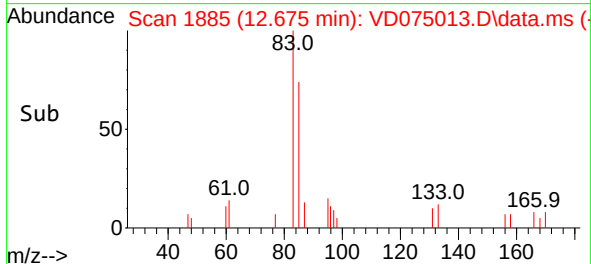
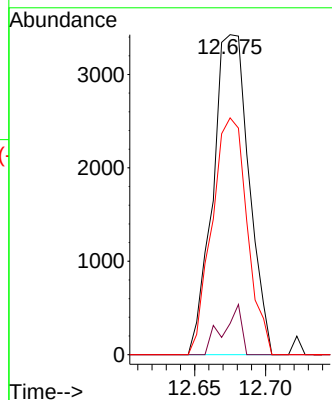
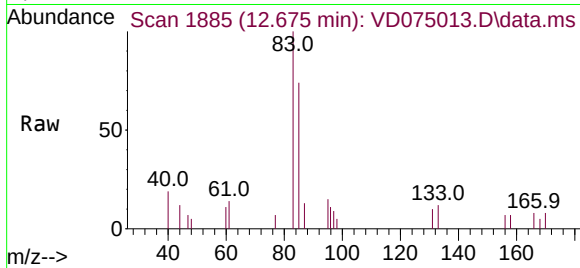




#75
1,1,2,2-Tetrachloroethane
Concen: 4.871 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

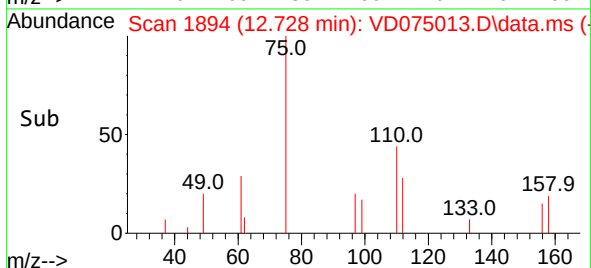
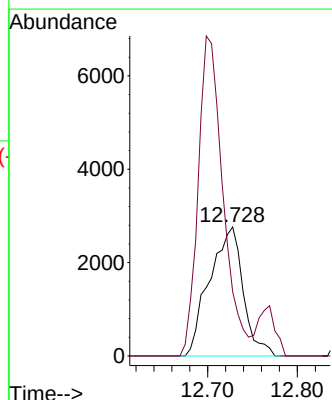
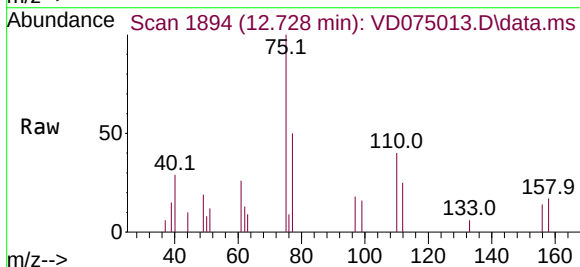
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

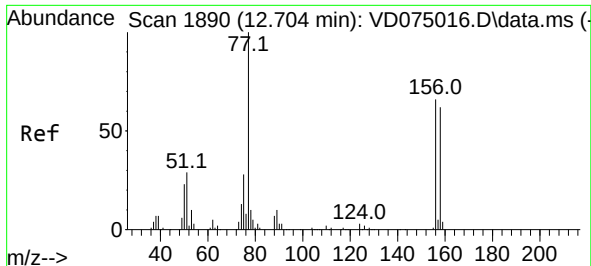
Tgt Ion: 83 Resp: 6060
Ion Ratio Lower Upper
83 100
131 8.0 5.1 15.3
85 72.1 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 7.917 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 75 Resp: 7193
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

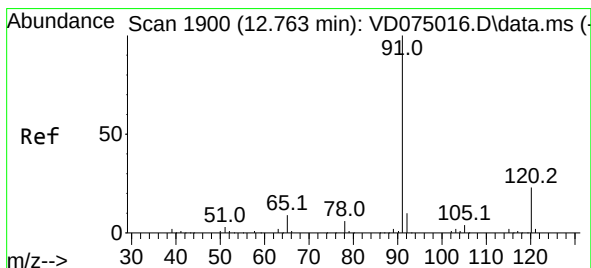
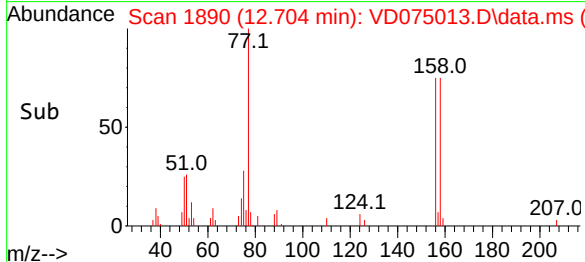
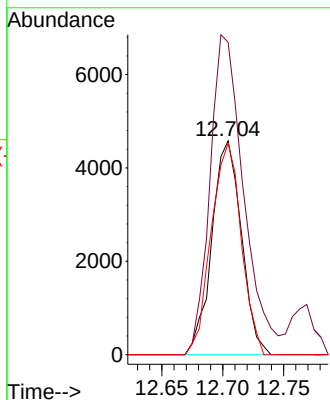
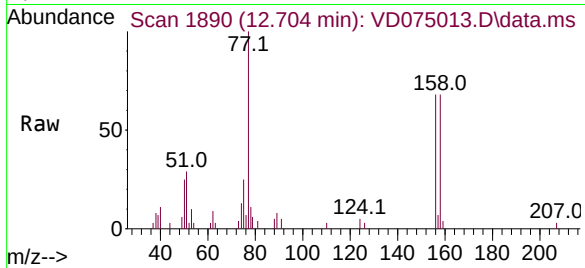




#77
Bromobenzene
Concen: 4.910 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

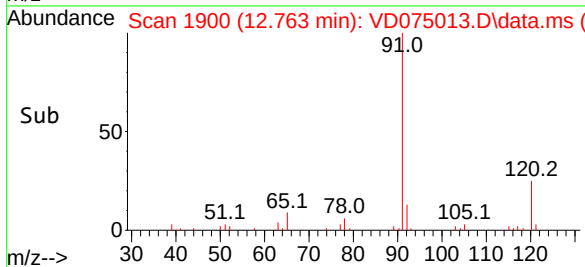
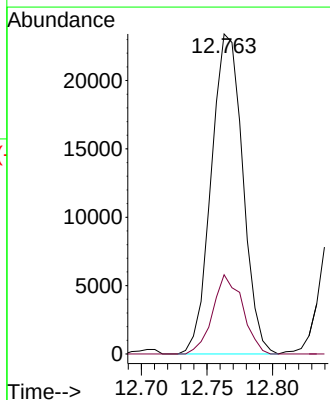
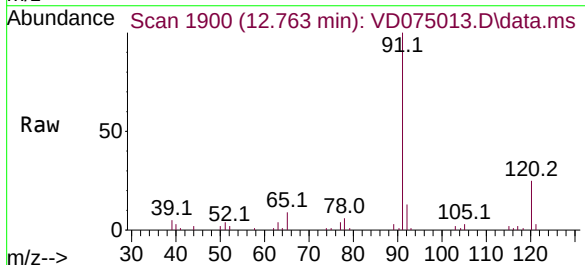
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

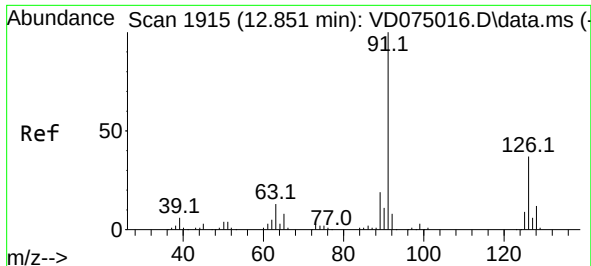
Tgt Ion:156 Resp: 7732
Ion Ratio Lower Upper
156 100
77 170.3 85.7 256.9
158 100.5 47.7 143.1



#78
n-propylbenzene
Concen: 4.612 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 91 Resp: 39078
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

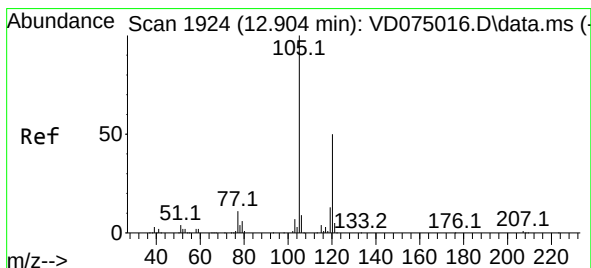
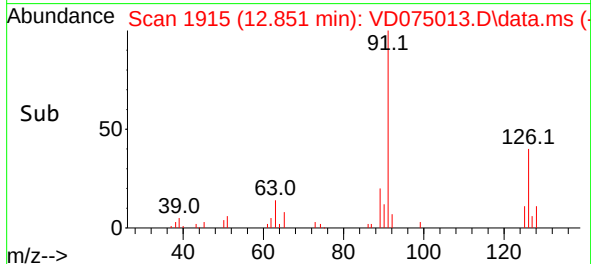
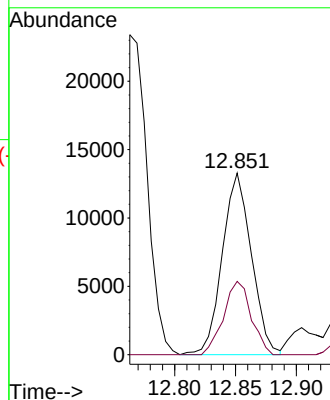
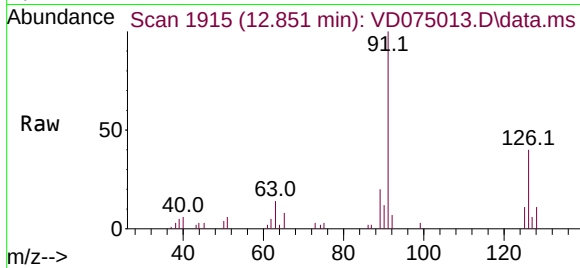




#79
2-Chlorotoluene
Concen: 4.803 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

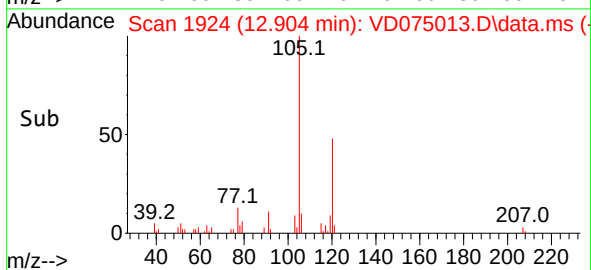
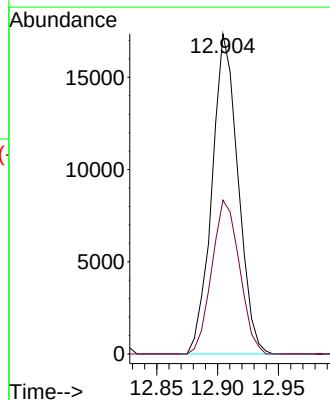
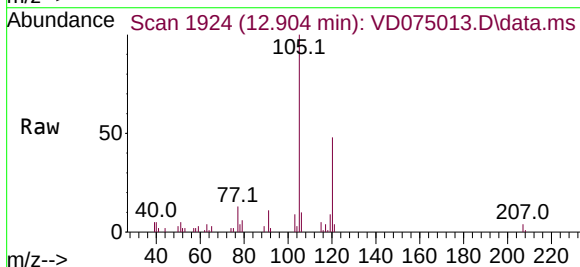
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

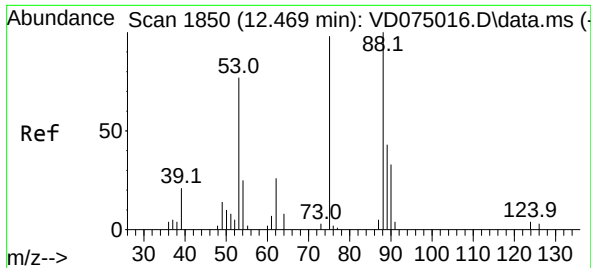
Tgt Ion: 91 Resp: 22171
Ion Ratio Lower Upper
91 100
126 38.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 4.523 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 105 Resp: 25878
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.3

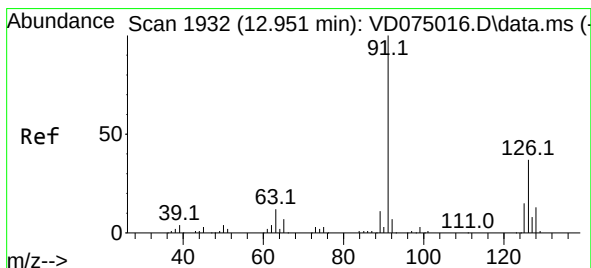
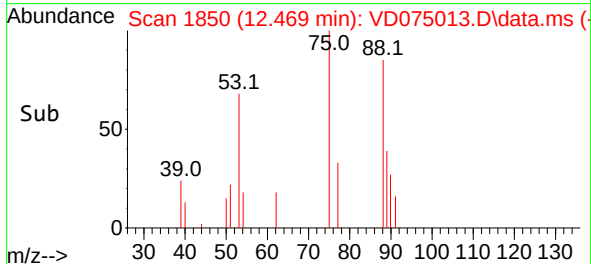
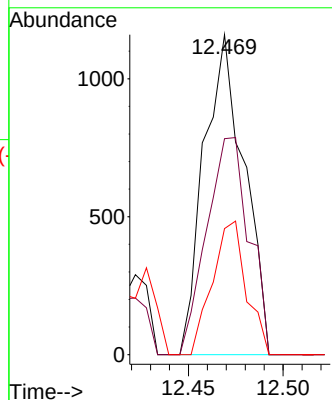
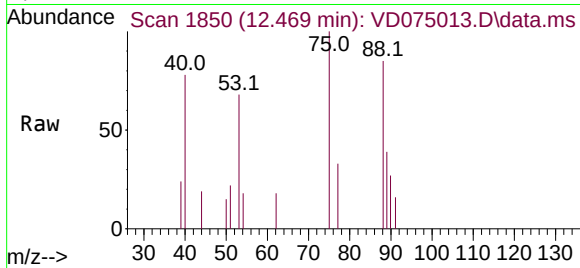




#81
trans-1,4-Dichloro-2-butene
Concen: 4.788 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

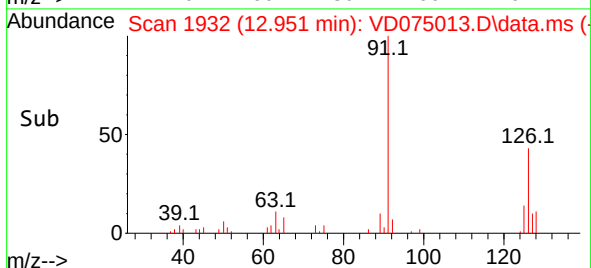
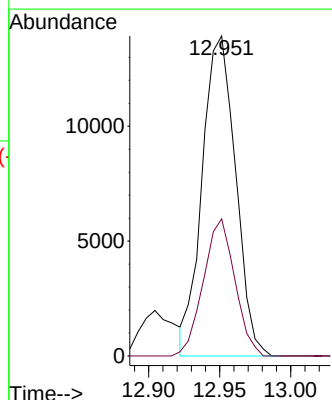
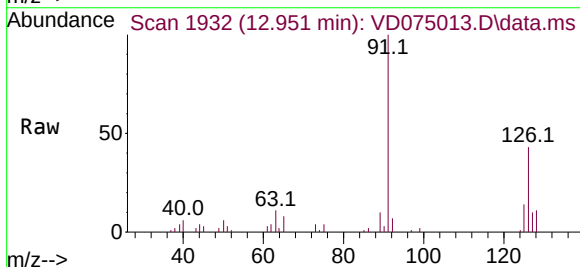
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

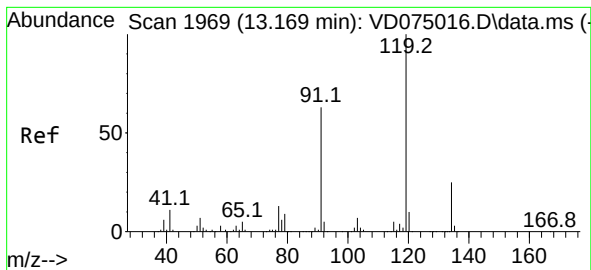
Tgt Ion: 75 Resp: 1712
Ion Ratio Lower Upper
75 100
53 71.7 61.0 91.6
89 35.3 36.9 55.3#



#82
4-Chlorotoluene
Concen: 4.765 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 91 Resp: 22808
Ion Ratio Lower Upper
91 100
126 40.4 18.2 54.6





#83

tert-Butylbenzene

Concen: 4.658 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

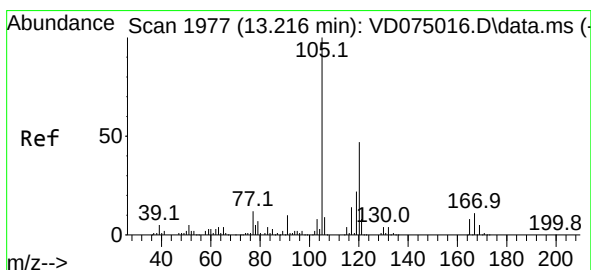
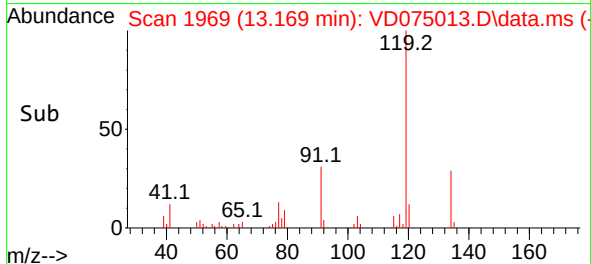
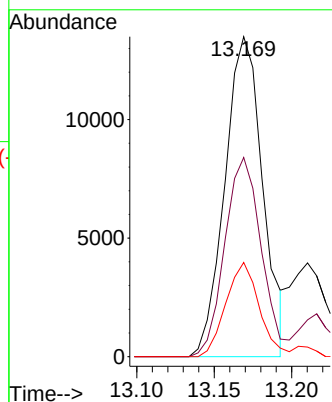
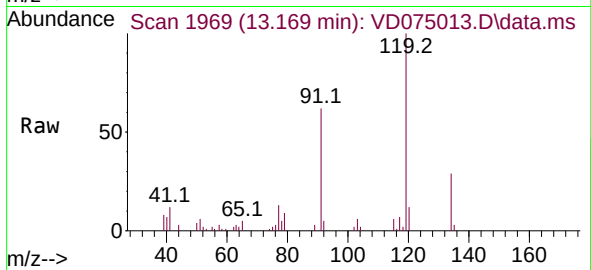
Tgt Ion:119 Resp: 22944

Ion Ratio Lower Upper

119 100

91 60.3 31.4 94.0

134 26.0 13.6 40.7



#84

1,2,4-Trimethylbenzene

Concen: 4.513 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075013.D

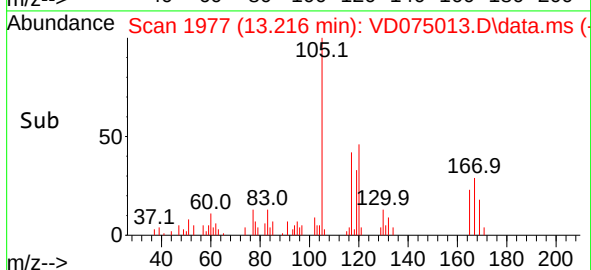
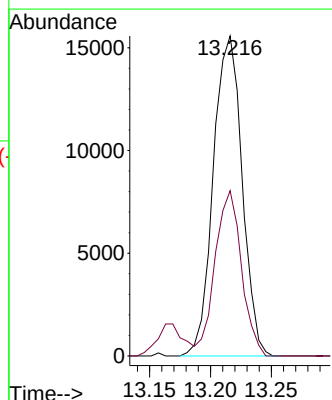
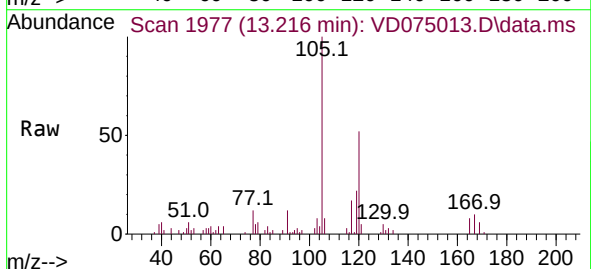
Acq: 14 Dec 2022 10:38

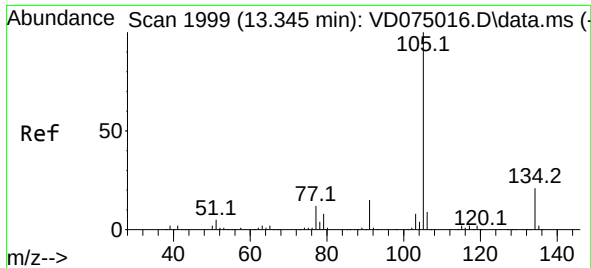
Tgt Ion:105 Resp: 25603

Ion Ratio Lower Upper

105 100

120 47.4 23.0 69.0

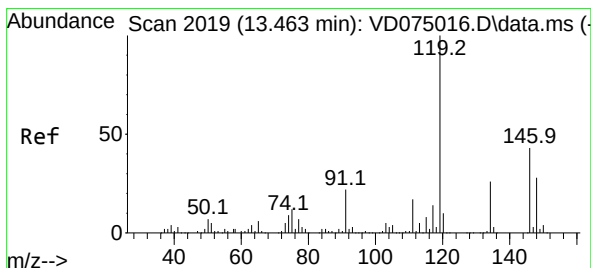
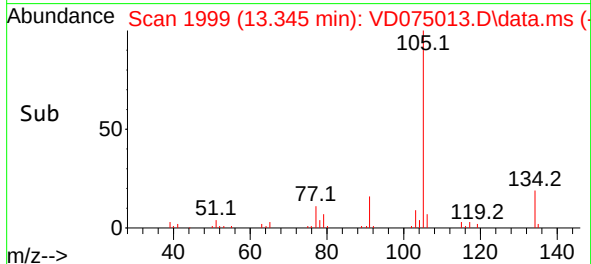
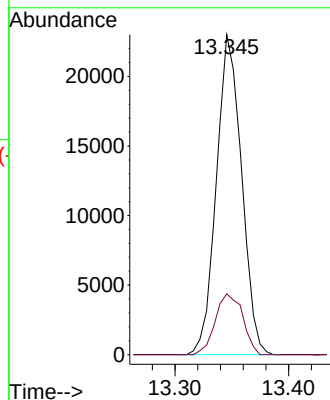
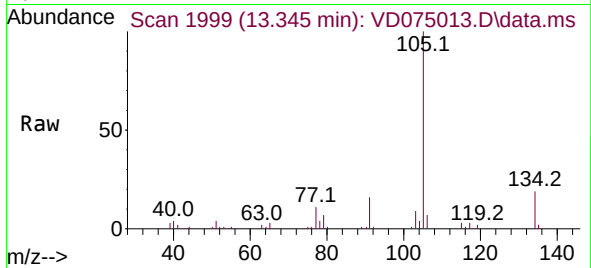




#85
 sec-Butylbenzene
 Concen: 4.622 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

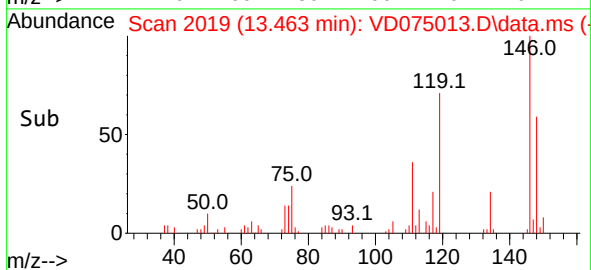
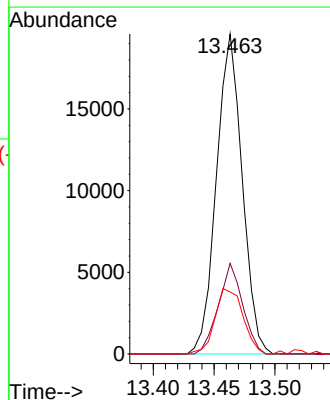
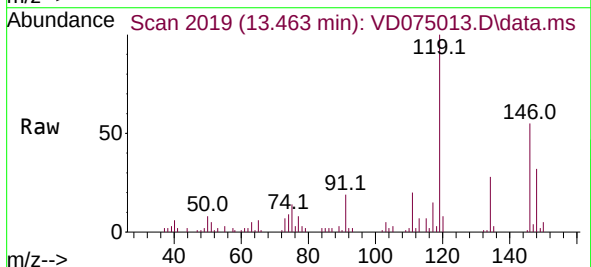
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

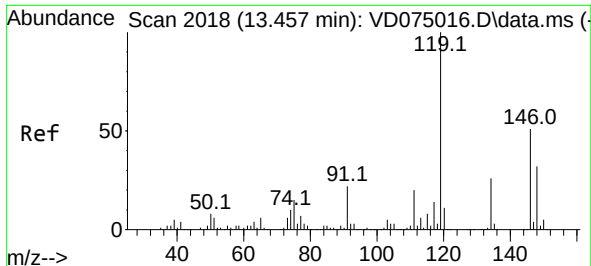
Tgt Ion:105 Resp: 35439
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.513 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075013.D
 Acq: 14 Dec 2022 10:38

Tgt Ion:119 Resp: 28832
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 5.138 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

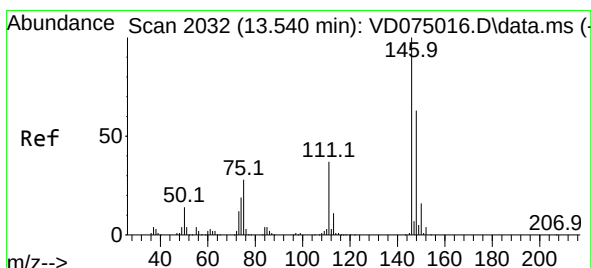
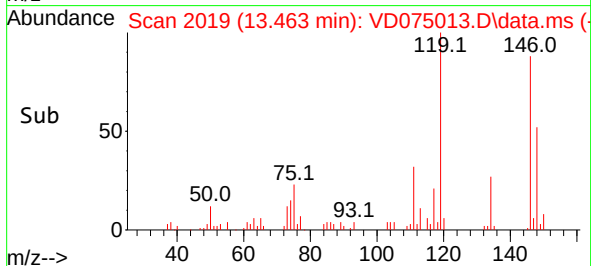
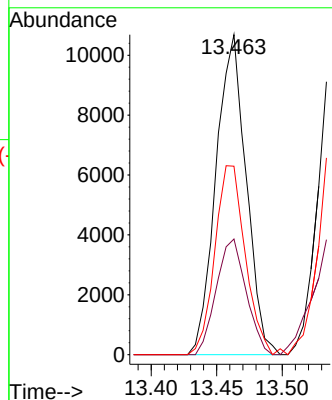
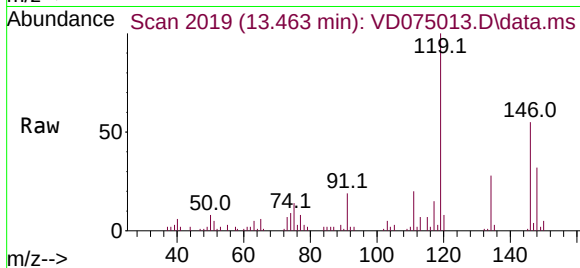
Tgt Ion:146 Resp: 17100

Ion Ratio Lower Upper

146 100

111 35.7 19.3 57.8

148 59.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.239 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

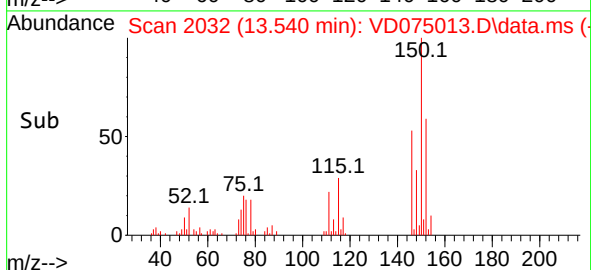
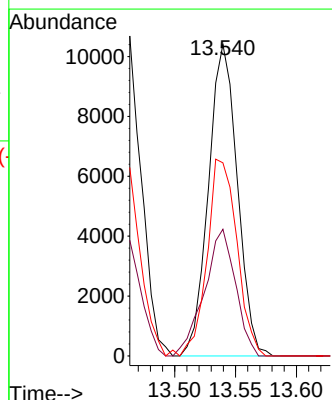
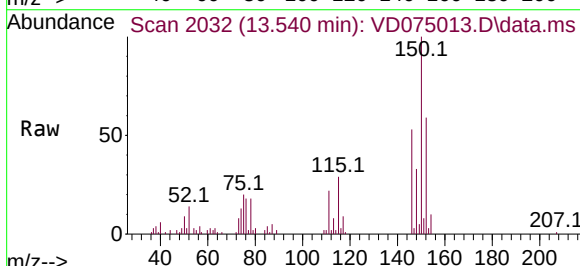
Tgt Ion:146 Resp: 17207

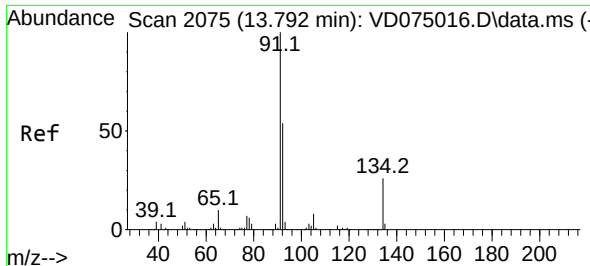
Ion Ratio Lower Upper

146 100

111 43.8 18.5 55.5

148 64.9 31.6 94.7

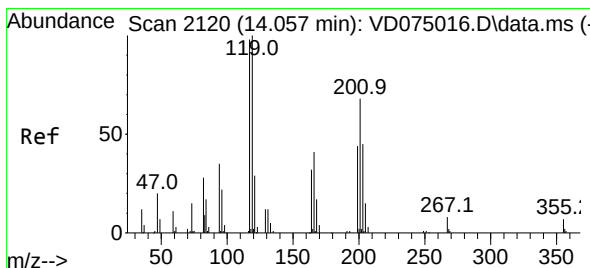
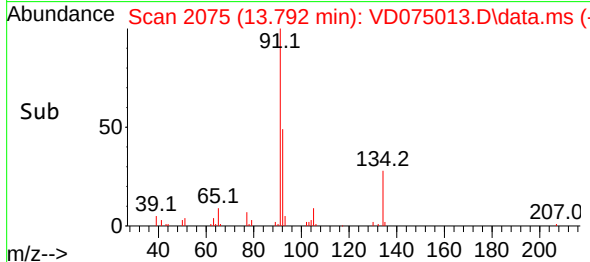
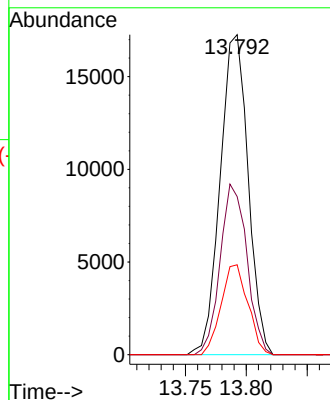
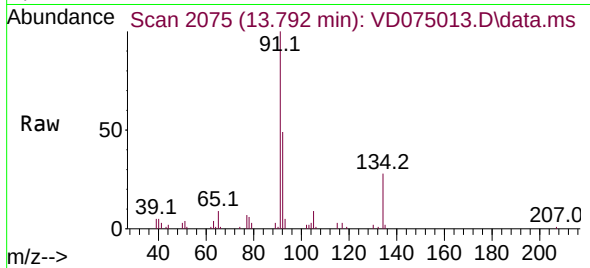




#89
n-Butylbenzene
Concen: 4.613 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

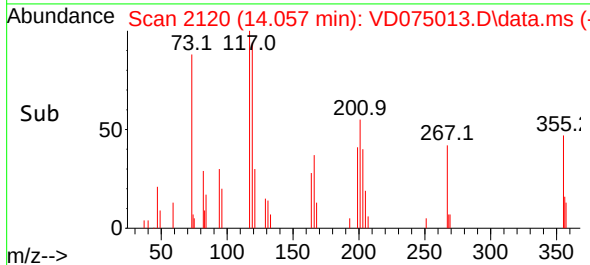
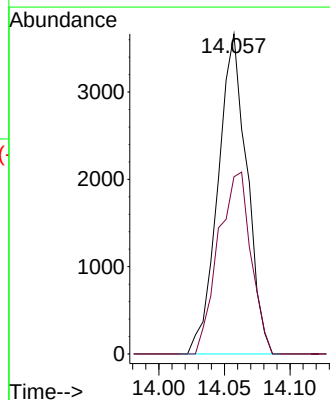
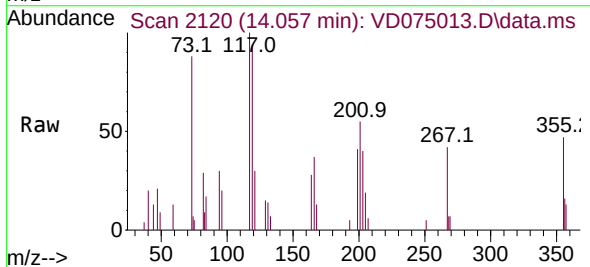
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

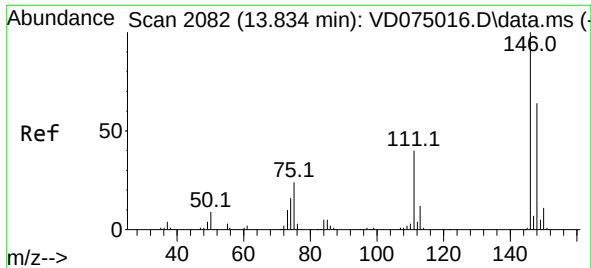
Tgt Ion: 91 Resp: 27552
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.2
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 4.956 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion: 117 Resp: 5626
Ion Ratio Lower Upper
117 100
201 64.4 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 5.156 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

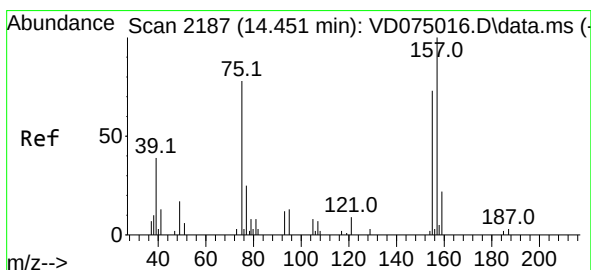
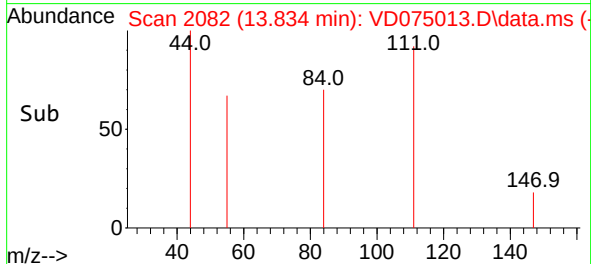
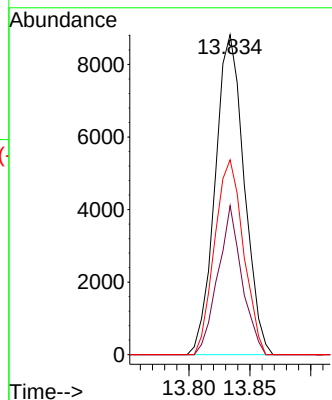
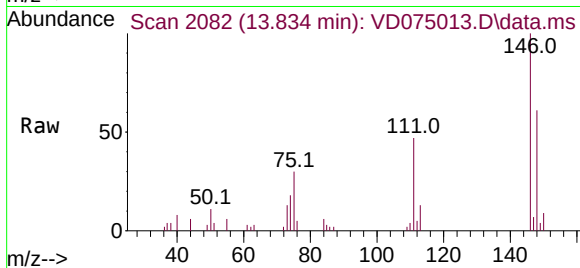
Tgt Ion:146 Resp: 14647

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.7

148 60.2 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.509 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

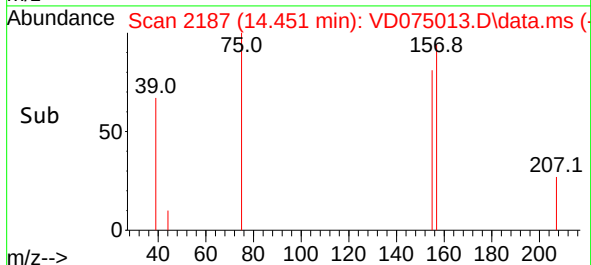
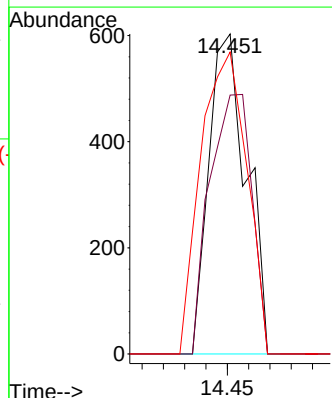
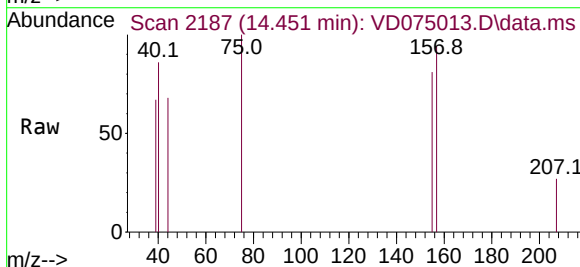
Tgt Ion: 75 Resp: 743

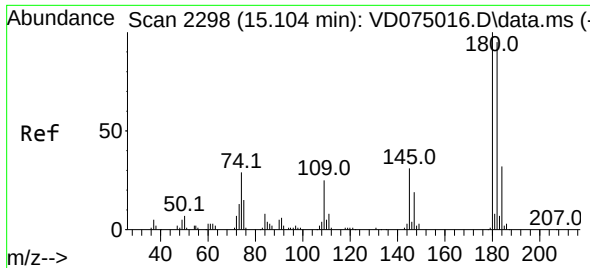
Ion Ratio Lower Upper

75 100

155 90.4 47.6 142.9

157 115.2 60.5 181.4

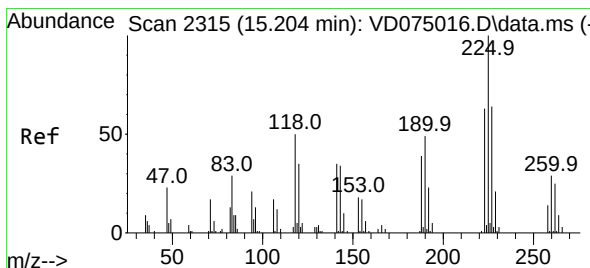
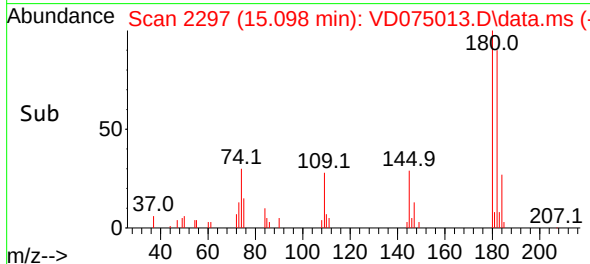
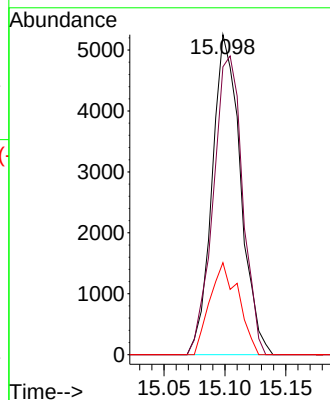
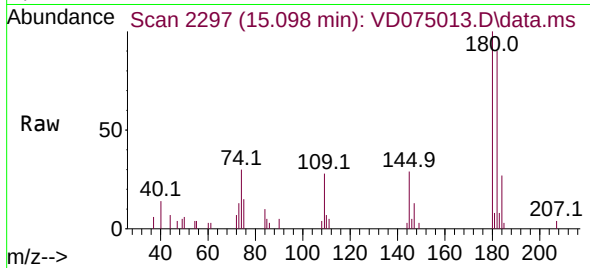




#93
1,2,4-Trichlorobenzene
Concen: 4.865 ug/l
RT: 15.098 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

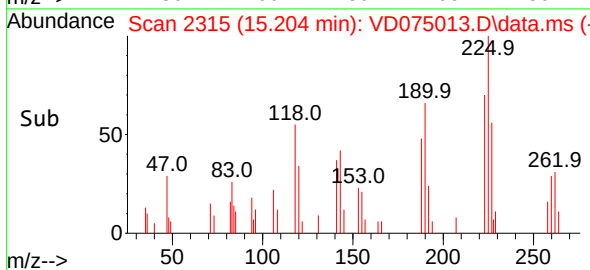
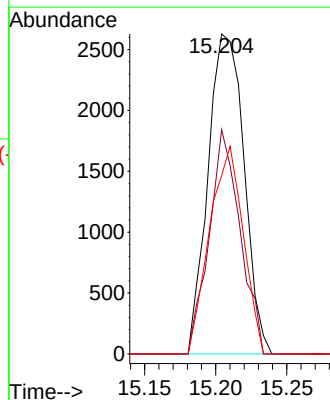
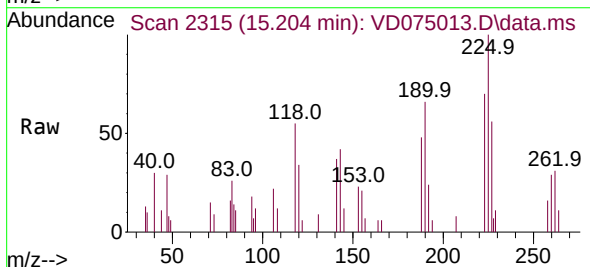
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

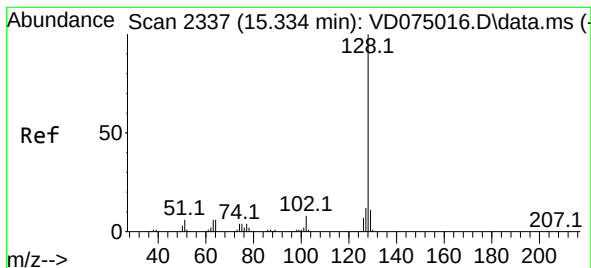
Tgt Ion:	180	Resp:	8518
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.1	141.4
145	29.1	14.8	44.4



#94
Hexachlorobutadiene
Concen: 5.141 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075013.D
Acq: 14 Dec 2022 10:38

Tgt Ion:	225	Resp:	4635
Ion Ratio	Lower	Upper	
225	100		
223	60.1	32.3	96.9
227	60.5	31.8	95.4





#95

Naphthalene

Concen: 4.655 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

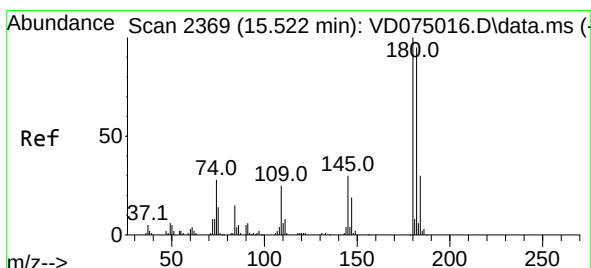
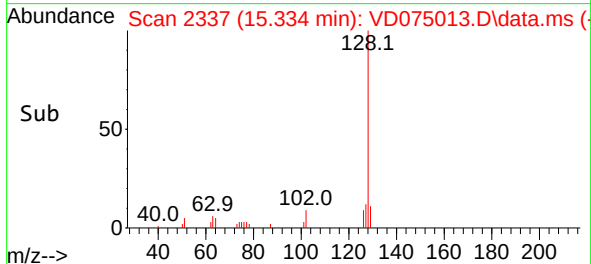
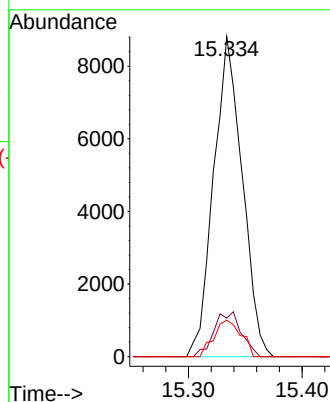
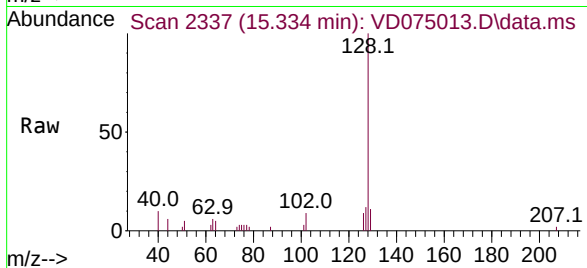
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	128	Resp:	15416
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.9	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.679 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075013.D

Acq: 14 Dec 2022 10:38

Tgt Ion:	180	Resp:	6948
Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.6	142.8
145	30.7	15.8	47.4

