

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075042.D
 Acq On : 22 Dec 2022 11:24
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 22 14:12:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16031	10.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.340%#
35) Dibromofluoromethane	7.805	113	17175	10.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.580%#
50) Toluene-d8	10.269	98	70395	10.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.480%#
62) 4-Bromofluorobenzene	12.575	95	22895	10.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.580%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	11241	13.271	ug/l	97
3) Chloromethane	2.146	50	19187	12.654	ug/l	96
4) Vinyl Chloride	2.275	62	16154	12.932	ug/l	97
5) Bromomethane	2.687	94	8999	14.470	ug/l	97
6) Chloroethane	2.828	64	9819	12.741	ug/l #	85
7) Trichlorofluoromethane	3.170	101	23699	11.826	ug/l	91
8) Diethyl Ether	3.593	74	8422	10.641	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.964	101	16573	11.534	ug/l	98
10) Methyl Iodide	4.158	142	12321	10.837	ug/l	96
11) Tert butyl alcohol	5.069	59	6953	46.892	ug/l #	95
12) 1,1-Dichloroethene	3.934	96	16440	11.607	ug/l	90
13) Acrolein	3.799	56	10361	51.047	ug/l	92
14) Allyl chloride	4.558	41	27510	11.130	ug/l #	90
15) Acrylonitrile	5.252	53	20773	50.587	ug/l	100
16) Acetone	4.022	43	21314	52.837	ug/l	99
17) Carbon Disulfide	4.264	76	40649	13.881	ug/l	96
18) Methyl Acetate	4.569	43	12426	10.628	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	39031	10.288	ug/l	96
20) Methylene Chloride	4.799	84	29296	11.519	ug/l	87
21) trans-1,2-Dichloroethene	5.305	96	18452	11.814	ug/l	92
22) Diisopropyl ether	6.216	45	56660	10.616	ug/l	96
23) Vinyl Acetate	6.158	43	132014	52.270	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	34101	11.071	ug/l	99
25) 2-Butanone	7.087	43	28946	51.703	ug/l	89
26) 2,2-Dichloropropane	7.075	77	29772	10.665	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	21673	10.802	ug/l	87
28) Bromochloromethane	7.428	49	11162	10.264	ug/l #	77
29) Tetrahydrofuran	7.440	42	16933	51.805	ug/l #	81
30) Chloroform	7.593	83	31815	10.410	ug/l	94
31) Cyclohexane	7.875	56	32288	12.316	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	28159	10.932	ug/l	94
36) 1,1-Dichloropropene	8.010	75	25491	11.755	ug/l	98
37) Ethyl Acetate	7.169	43	12287	11.462	ug/l #	94
38) Carbon Tetrachloride	7.993	117	19961	10.693	ug/l	95
39) Methylcyclohexane	9.269	83	31569	11.885	ug/l #	90
40) Benzene	8.252	78	76126	11.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7126	10.520	ug/l	94
42) 1,2-Dichloroethane	8.328	62	17856	10.602	ug/l	99
43) Isopropyl Acetate	8.357	43	22758	10.210	ug/l #	92
44) Trichloroethene	9.028	130	20461	11.352	ug/l	92
45) 1,2-Dichloropropane	9.304	63	19492	10.789	ug/l	98
46) Dibromomethane	9.399	93	9649	10.933	ug/l	99
47) Bromodichloromethane	9.587	83	24336	10.523	ug/l	90
48) Methyl methacrylate	9.387	41	11715	11.476	ug/l #	80
49) 1,4-Dioxane	9.381	88	2277	197.137	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	57637	51.741	ug/l	88
52) Toluene	10.334	92	48263	11.324	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	23861	10.374	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	28906	10.440	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	14067	10.729	ug/l	96
56) Ethyl methacrylate	10.599	69	18329	10.218	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	23821	10.712	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	35112	49.445	ug/l	94
59) 2-Hexanone	10.922	43	40786	50.561	ug/l	91
60) Dibromochloromethane	11.069	129	15977	10.675	ug/l	99
61) 1,2-Dibromoethane	11.181	107	12373	10.419	ug/l	98
64) Tetrachloroethene	10.810	164	16606	11.426	ug/l	94
65) Chlorobenzene	11.610	112	49564	10.941	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	16538	10.550	ug/l	99
67) Ethyl Benzene	11.681	91	91924	11.120	ug/l	100
68) m/p-Xylenes	11.793	106	70084	22.349	ug/l	100
69) o-Xylene	12.122	106	33210	10.803	ug/l	99
70) Styrene	12.134	104	55865	10.903	ug/l	97
71) Bromoform	12.304	173	8738	10.376	ug/l #	99
73) Isopropylbenzene	12.422	105	87472	10.695	ug/l	99
74) N-amyl acetate	12.234	43	21645	10.346	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	14517	9.571	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	11371m	10.156	ug/l	
77) Bromobenzene	12.704	156	18468	10.648	ug/l	89
78) n-propylbenzene	12.763	91	108898	10.863	ug/l	100
79) 2-Chlorotoluene	12.851	91	59358	10.820	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	70741	10.721	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	4792	9.939	ug/l	93
82) 4-Chlorotoluene	12.945	91	59961	10.526	ug/l	97
83) tert-Butylbenzene	13.169	119	62617	10.729	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	69170	10.761	ug/l	98
85) sec-Butylbenzene	13.345	105	96842	10.853	ug/l	100
86) p-Isopropyltoluene	13.463	119	77158	10.891	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	36760	10.851	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	37078	10.930	ug/l	95
89) n-Butylbenzene	13.787	91	77226	10.879	ug/l	98
90) Hexachloroethane	14.057	117	13348	10.616	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	32617	10.845	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2276	10.576	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	20707	10.771	ug/l	95
94) Hexachlorobutadiene	15.204	225	10427	10.805	ug/l	96
95) Naphthalene	15.334	128	41791	10.188	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	17504	10.488	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Dec 22 14:10:31 2022
Response via : Initial Calibration

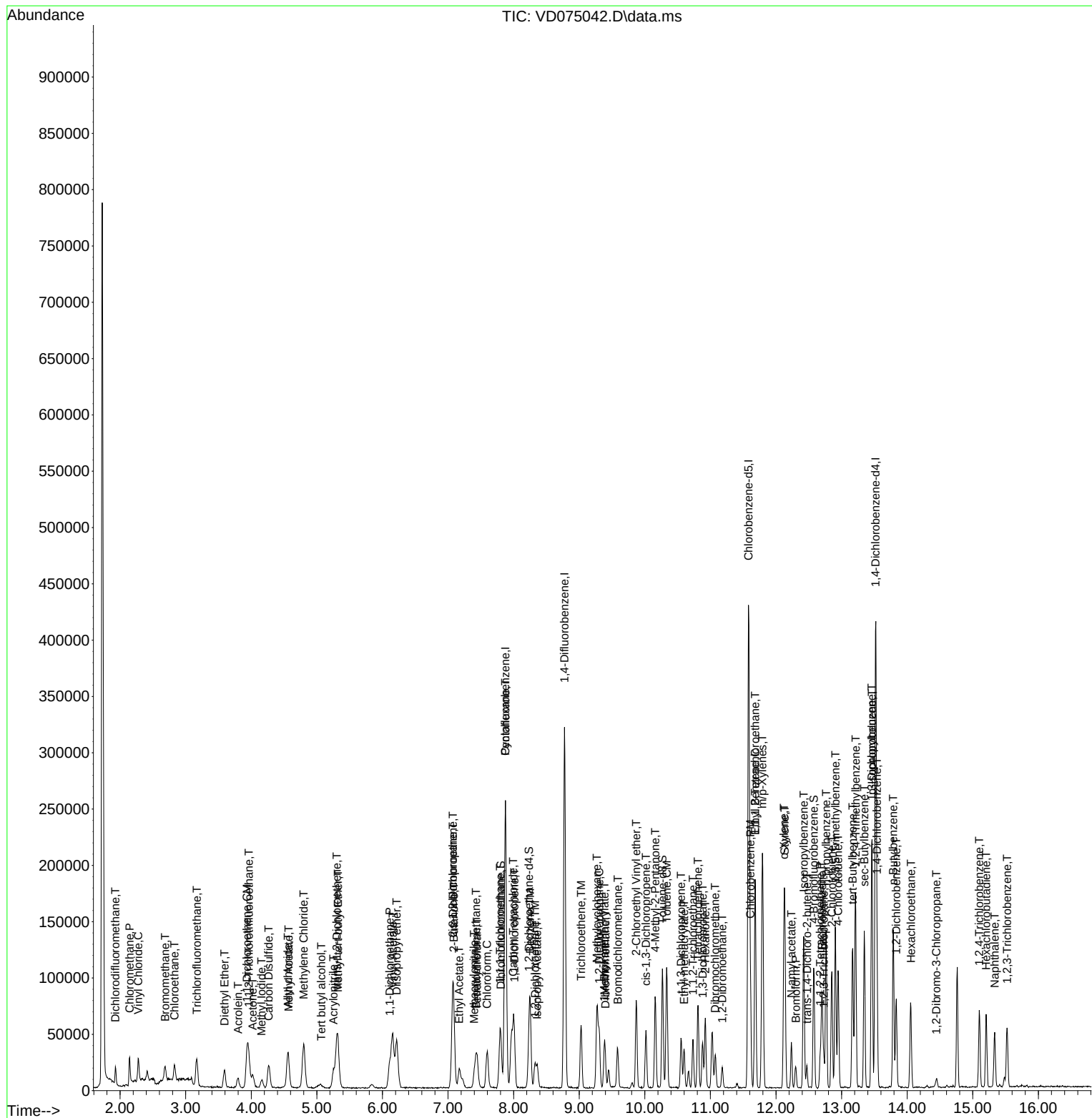
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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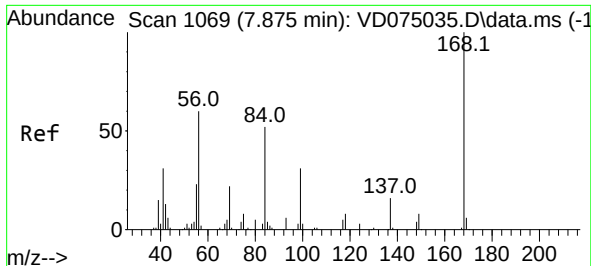
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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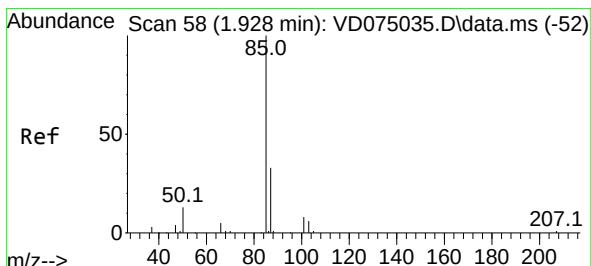
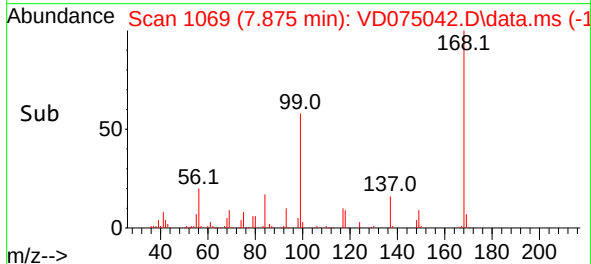
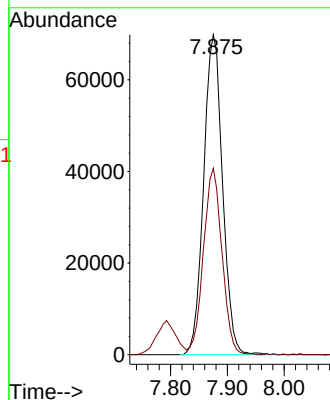
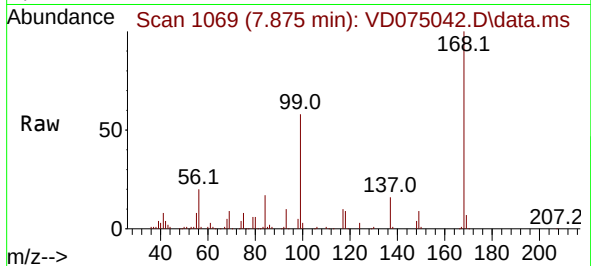




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075042.D
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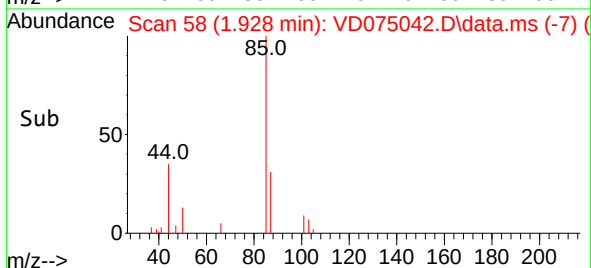
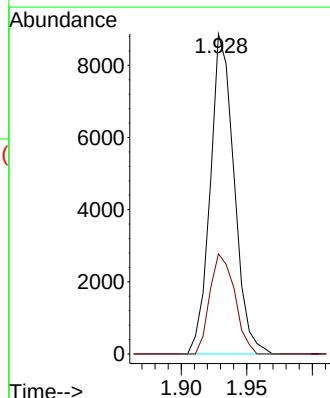
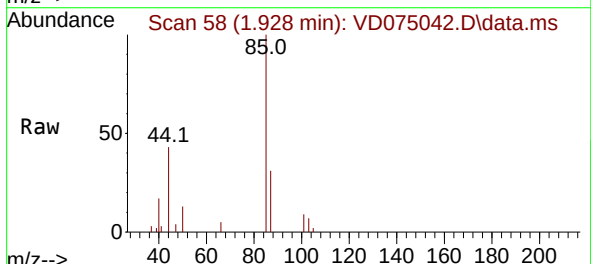
Instrument :
MSVOA_D
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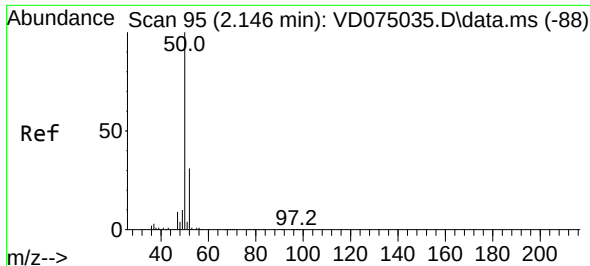
Tgt Ion:168 Resp: 161005
Ion Ratio Lower Upper
168 100
99 58.3 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 13.271 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 85 Resp: 11241
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5

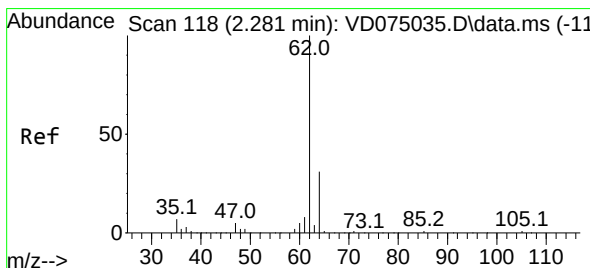
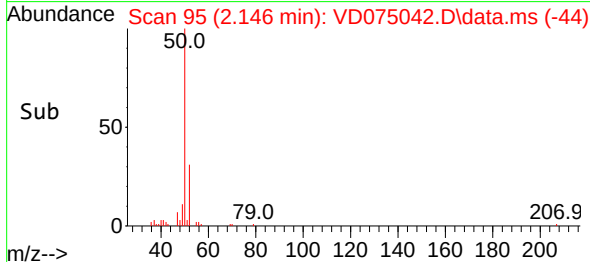
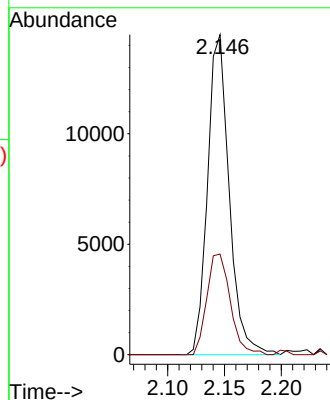
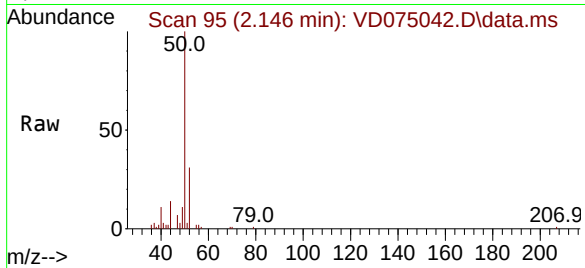




#3
Chloromethane
Concen: 12.654 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

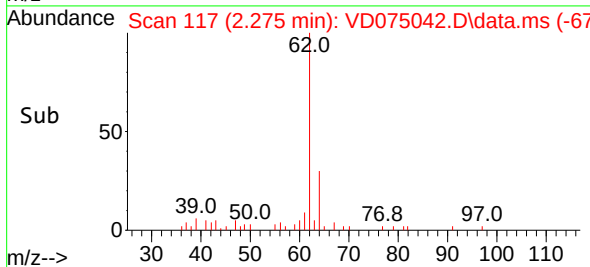
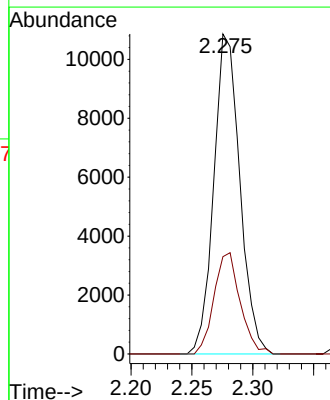
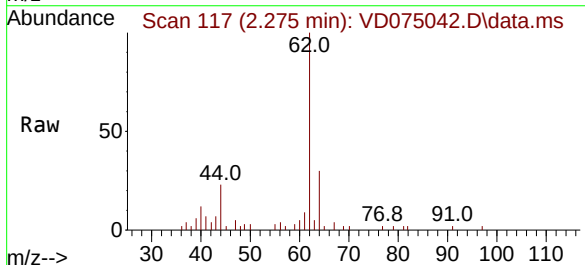
Instrument :
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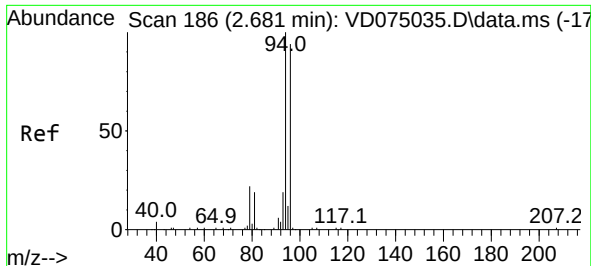
Tgt Ion: 50 Resp: 19187
Ion Ratio Lower Upper
50 100
52 31.4 27.2 40.8



#4
Vinyl Chloride
Concen: 12.932 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 62 Resp: 16154
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.6

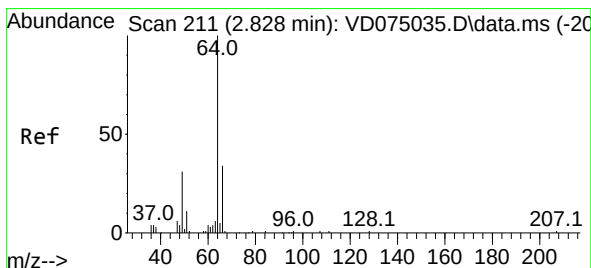
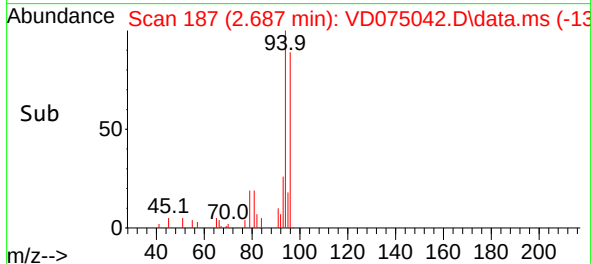
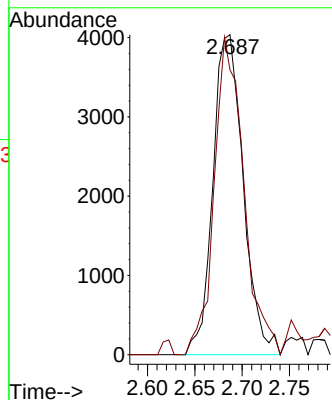
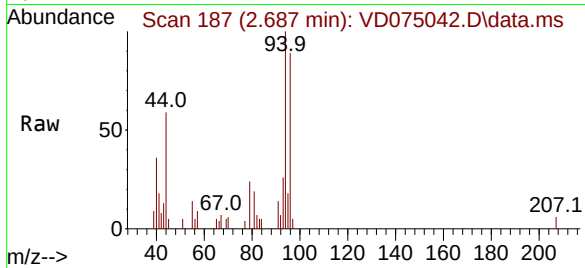




#5
Bromomethane
Concen: 14.470 ug/l
RT: 2.687 min Scan# 186
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

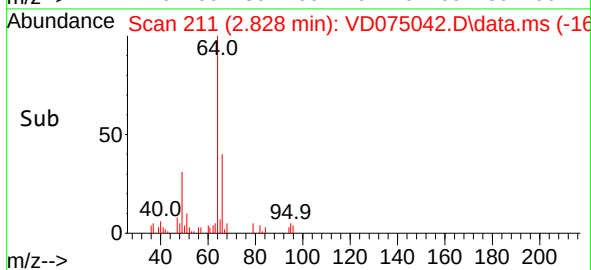
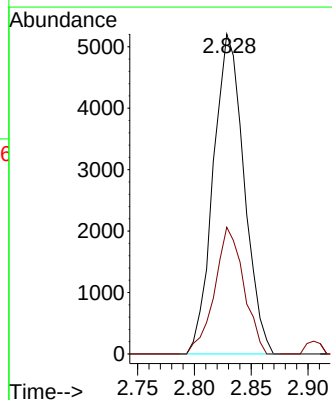
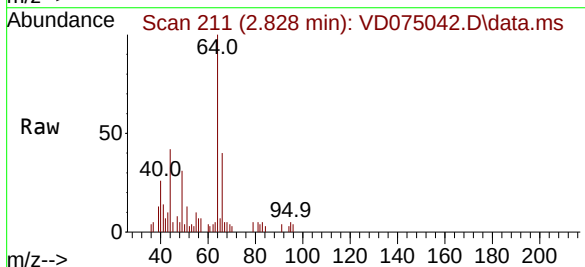
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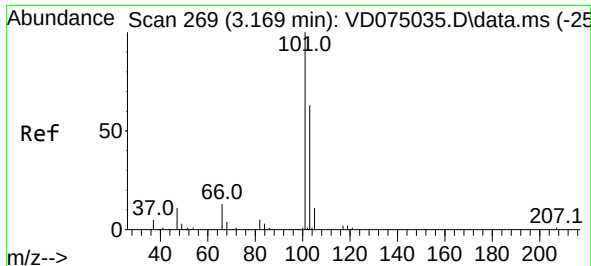
Tgt Ion: 94 Resp: 8999
Ion Ratio Lower Upper
94 100
96 97.0 75.2 112.8



#6
Chloroethane
Concen: 12.741 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 64 Resp: 9819
Ion Ratio Lower Upper
64 100
66 39.6 25.1 37.7#

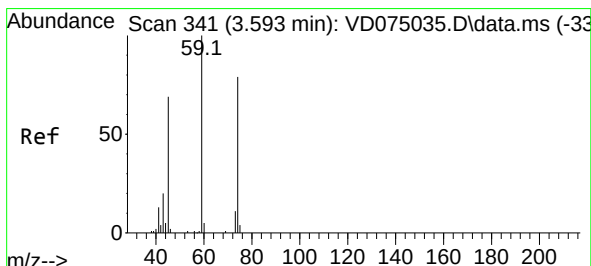
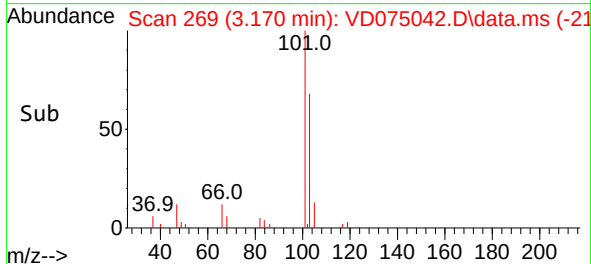
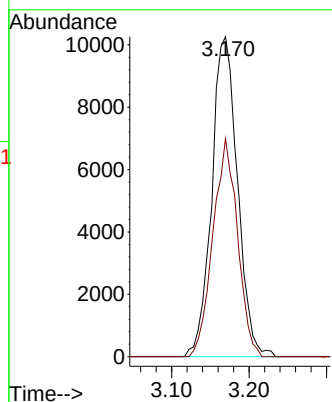
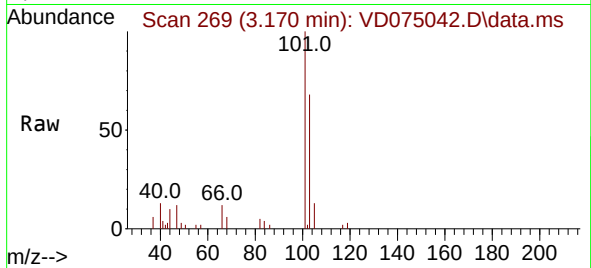




#7
 Trichlorofluoromethane
 Concen: 11.826 ug/l
 RT: 3.170 min Scan# 269
 Delta R.T. 0.001 min
 Lab File: VD075042.D
 Acq: 22 Dec 2022 11:24

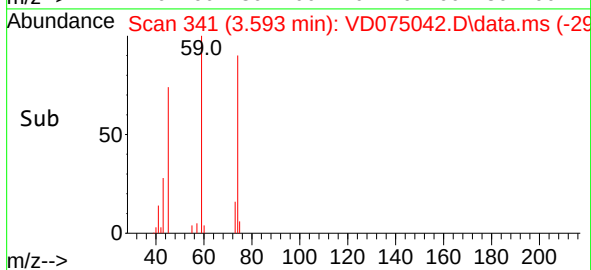
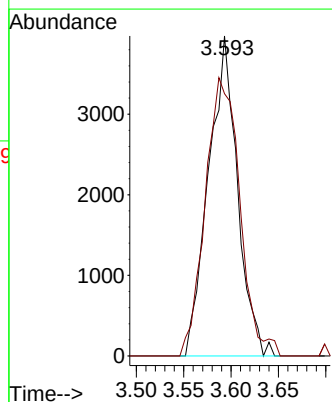
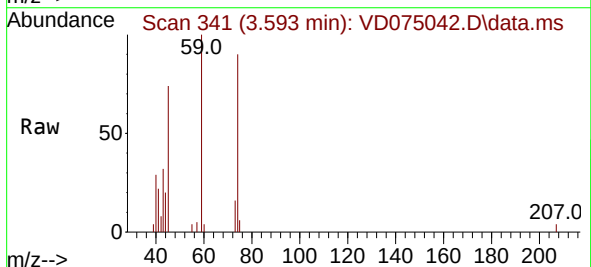
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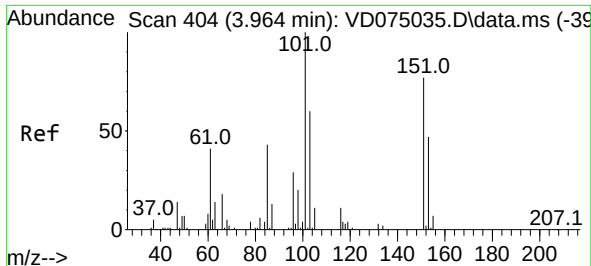
Tgt Ion:101 Resp: 23699
 Ion Ratio Lower Upper
 101 100
 103 68.1 49.1 73.7



#8
 Diethyl Ether
 Concen: 10.641 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD075042.D
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Tgt Ion: 74 Resp: 8422
 Ion Ratio Lower Upper
 74 100
 45 104.2 40.2 120.5

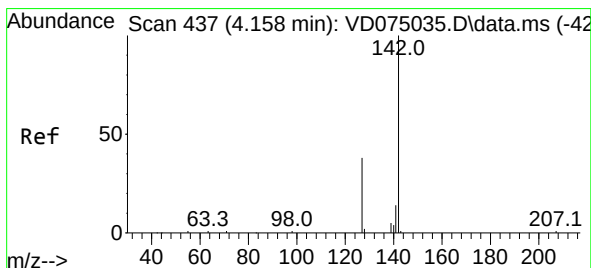
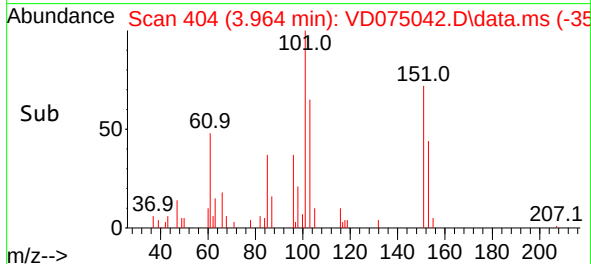
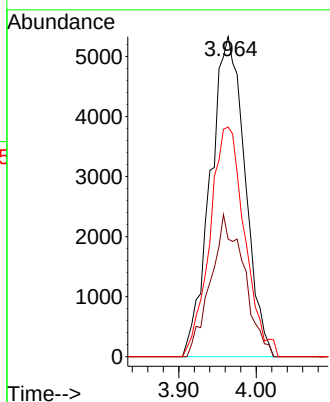
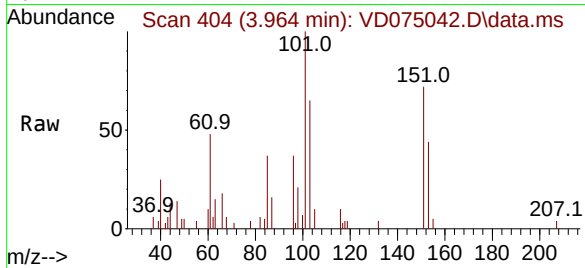




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.534 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

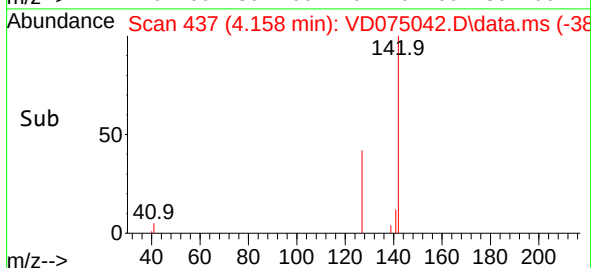
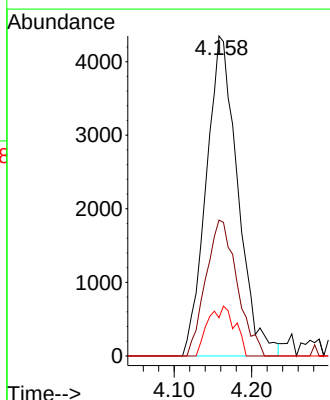
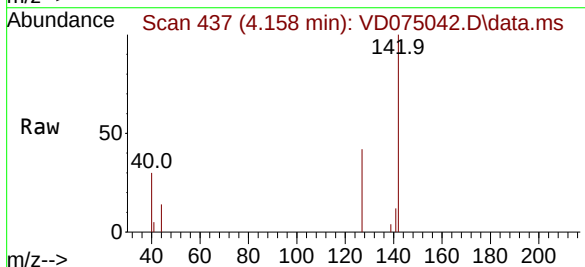
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

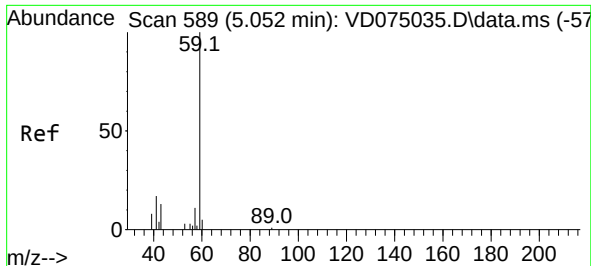
Tgt Ion:	101	Resp:	16573
Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.4	50.0
151	72.2	58.9	88.3



#10
Methyl Iodide
Concen: 10.837 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:	142	Resp:	12321
Ion	Ratio	Lower	Upper
142	100		
127	42.0	31.4	47.2
141	13.3	11.4	17.2

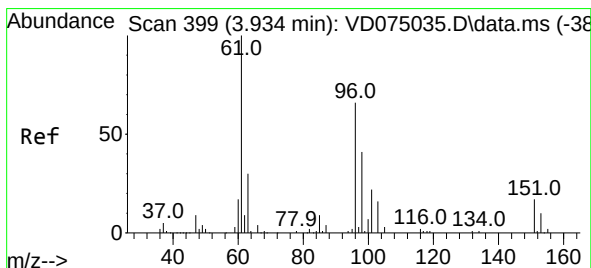
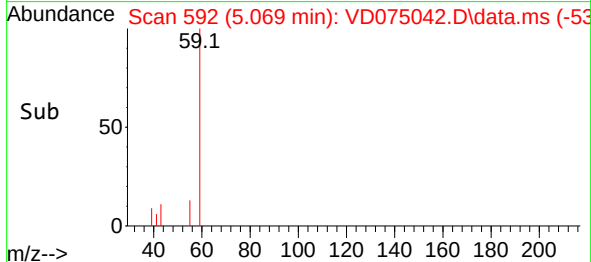
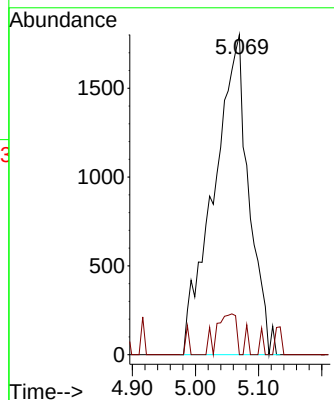
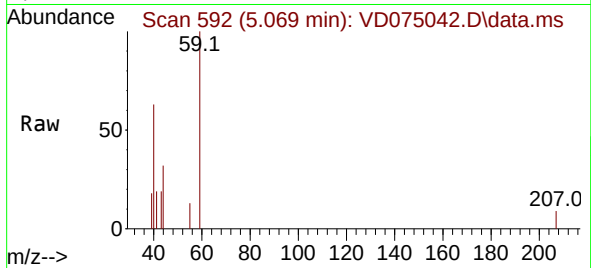




#11
Tert butyl alcohol
Concen: 46.892 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.017 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

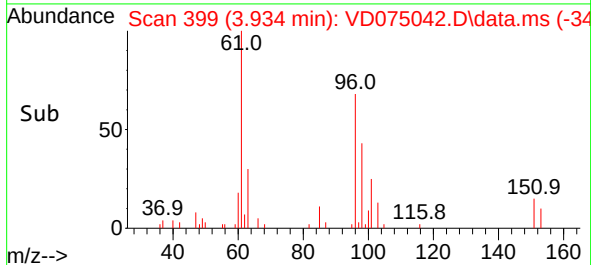
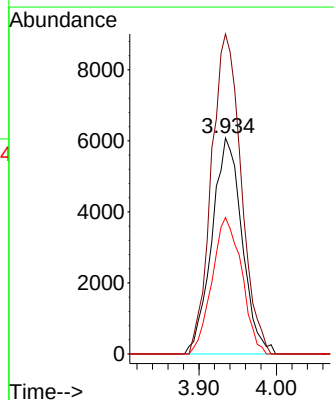
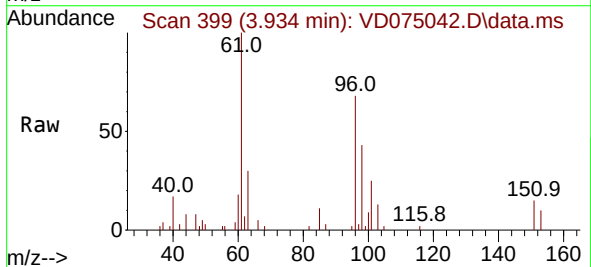
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

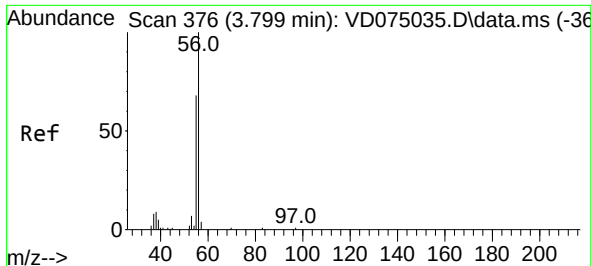
Tgt Ion: 59 Resp: 6953
Ion Ratio Lower Upper
59 100
57 7.1 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 11.607 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 96 Resp: 16440
Ion Ratio Lower Upper
96 100
61 148.1 104.9 157.3
98 63.1 51.8 77.8





#13

Acrolein

Concen: 51.047 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

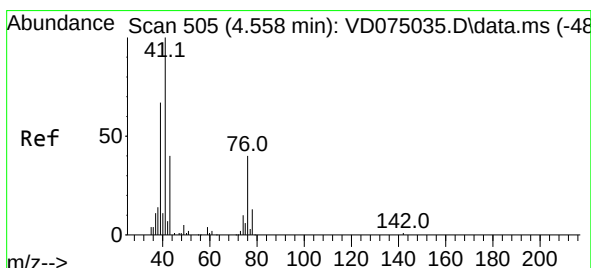
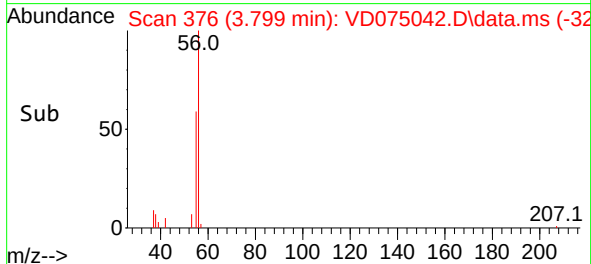
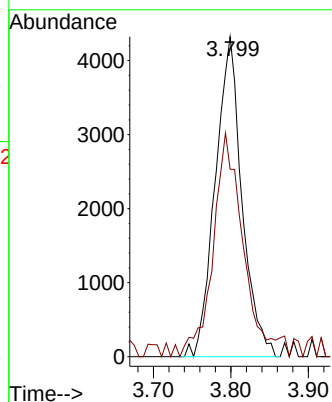
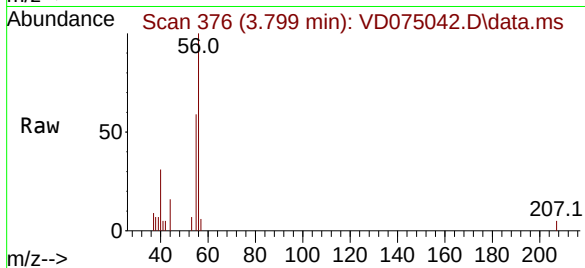
VSTDICC010

Tgt Ion: 56 Resp: 10361

Ion Ratio Lower Upper

56 100

55 77.0 56.6 84.8



#14

Allyl chloride

Concen: 11.130 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

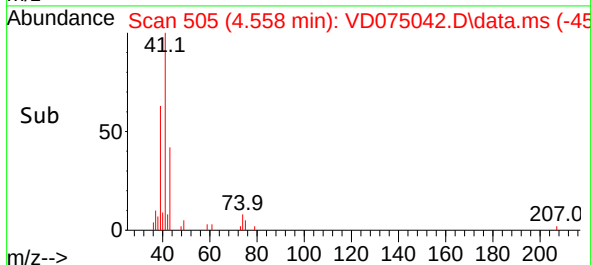
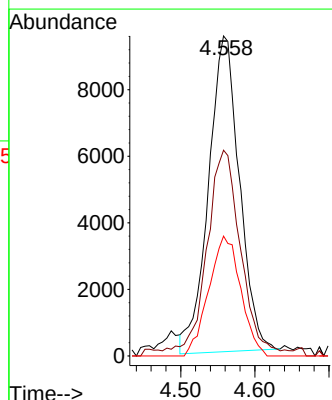
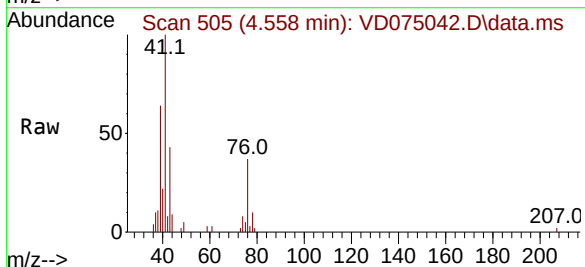
Tgt Ion: 41 Resp: 27510

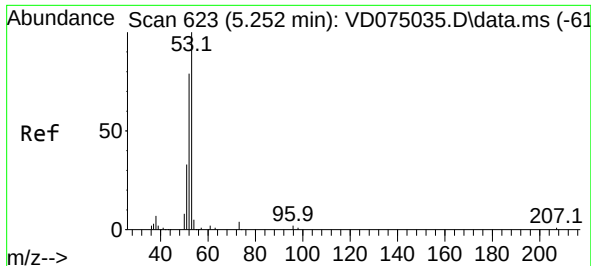
Ion Ratio Lower Upper

41 100

39 68.3 52.5 78.7

76 39.2 41.1 61.7#

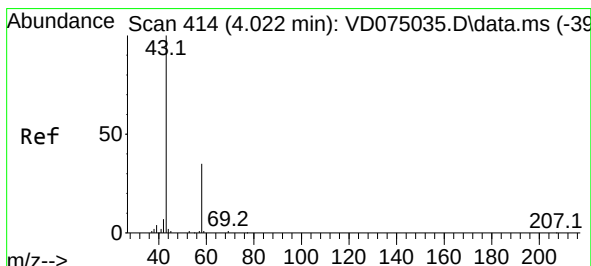
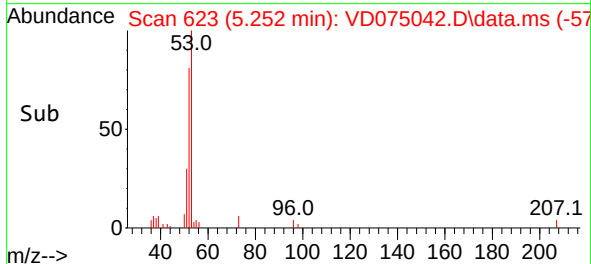
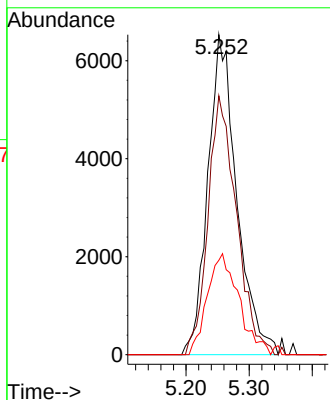
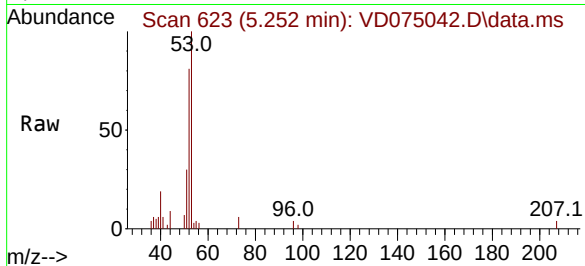




#15
Acrylonitrile
Concen: 50.587 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

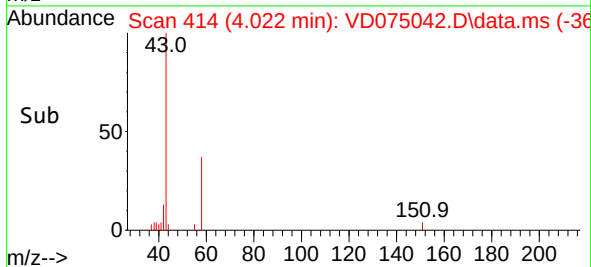
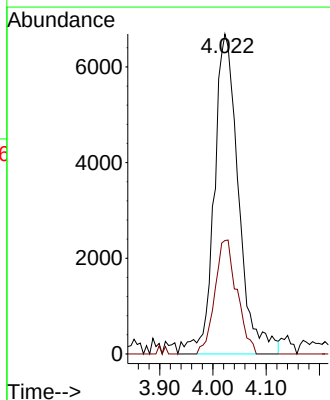
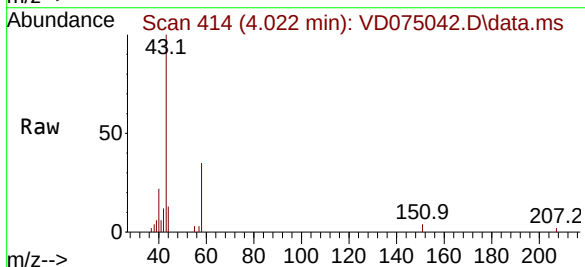
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

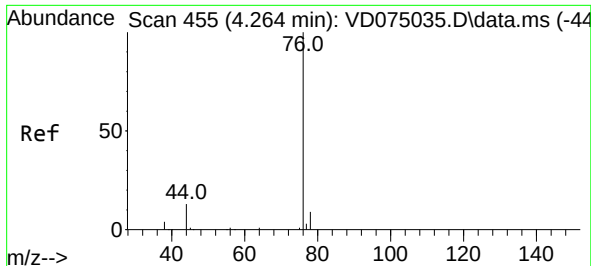
Tgt Ion:	53	Resp:	20773
Ion	Ratio	Lower	Upper
53	100		
52	79.9	64.0	96.0
51	34.4	27.8	41.8



#16
Acetone
Concen: 52.837 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:	43	Resp:	21314
Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.6	43.0

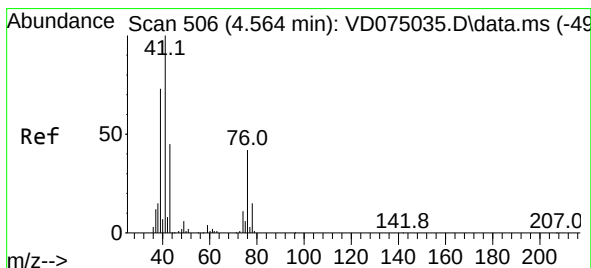
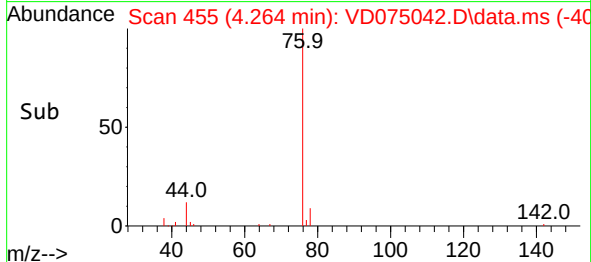
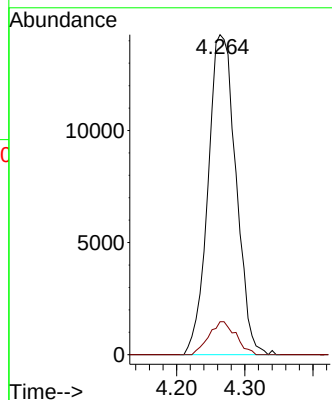
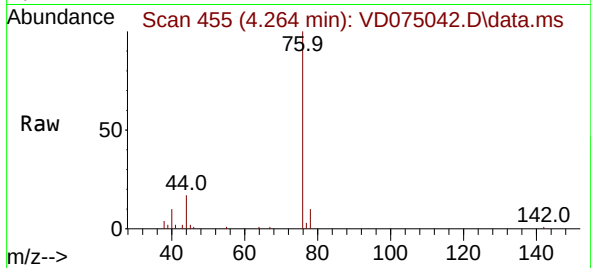




#17
Carbon Disulfide
Concen: 13.881 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

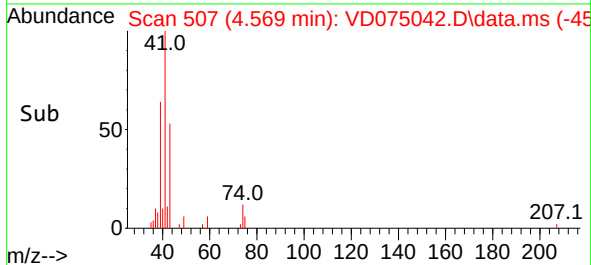
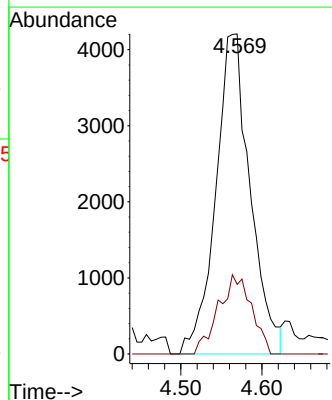
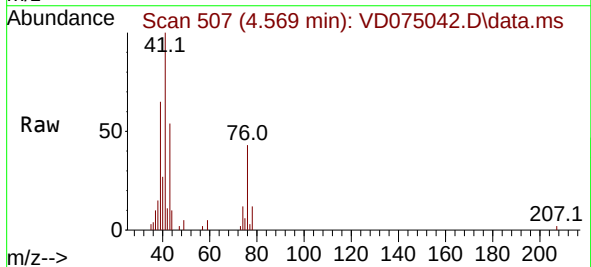
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

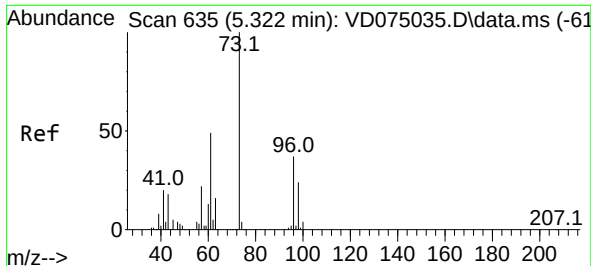
Tgt Ion: 76 Resp: 40649
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 10.628 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 43 Resp: 12426
Ion Ratio Lower Upper
43 100
74 23.7 24.5 36.7#

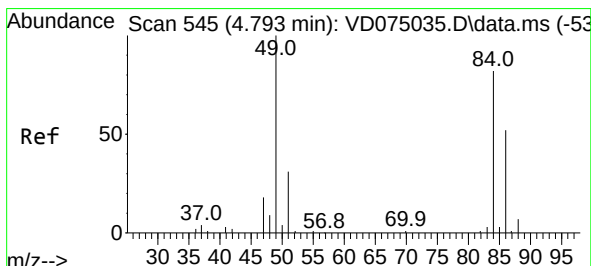
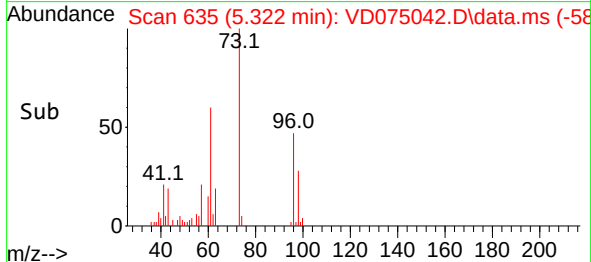
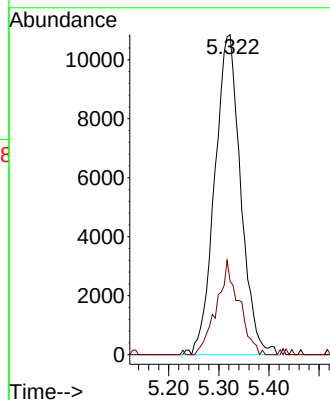
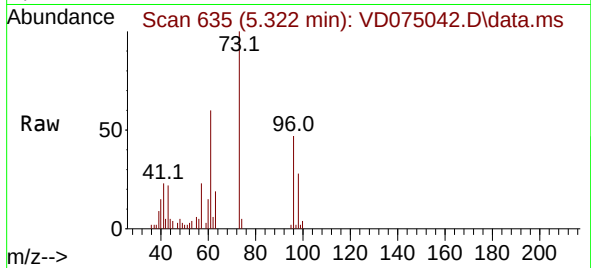




#19
Methyl tert-butyl Ether
Concen: 10.288 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

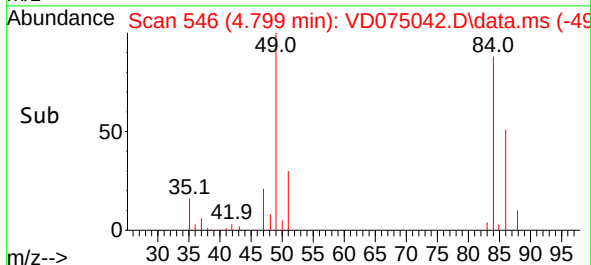
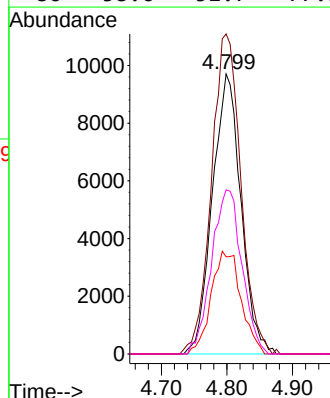
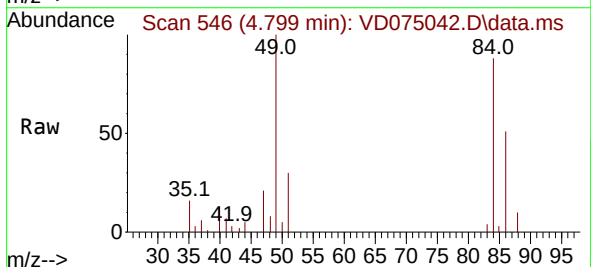
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

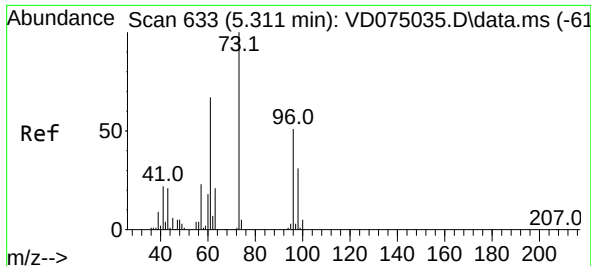
Tgt Ion: 73 Resp: 39031
Ion Ratio Lower Upper
73 100
57 22.9 16.9 25.3



#20
Methylene Chloride
Concen: 11.519 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 84 Resp: 29296
Ion Ratio Lower Upper
84 100
49 114.3 77.2 115.8
51 34.7 24.1 36.1
86 58.6 51.7 77.5

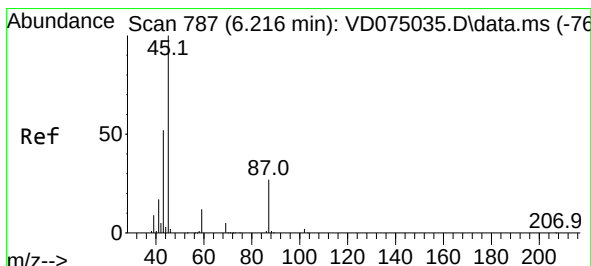
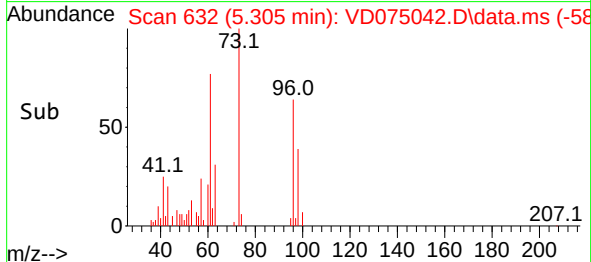
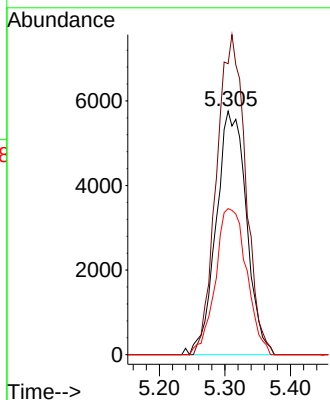
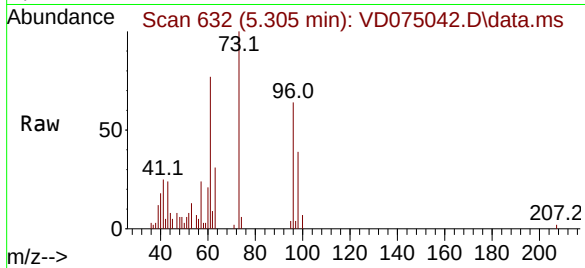




#21
trans-1,2-Dichloroethene
Concen: 11.814 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

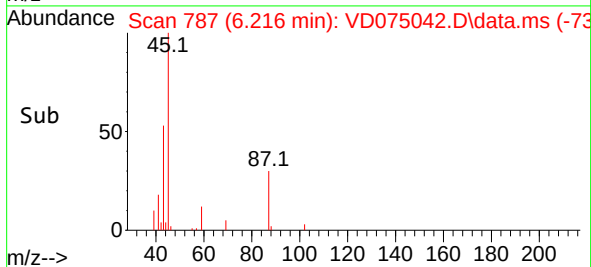
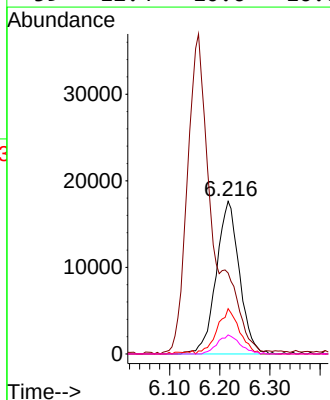
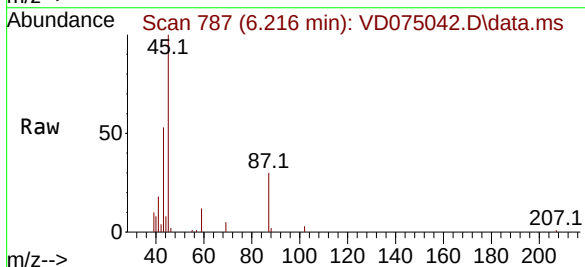
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

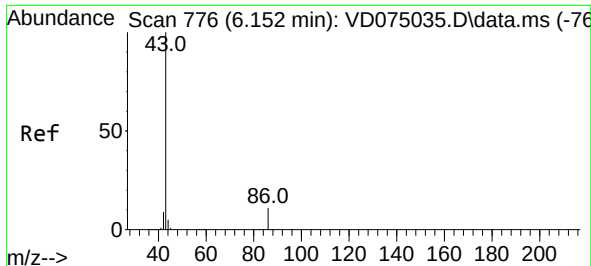
Tgt Ion: 96 Resp: 18452
Ion Ratio Lower Upper
96 100
61 119.5 86.7 130.1
98 60.0 49.8 74.8



#22
Diisopropyl ether
Concen: 10.616 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 45 Resp: 56660
Ion Ratio Lower Upper
45 100
43 51.1 39.8 59.8
87 29.6 27.5 41.3
59 12.4 10.6 16.0

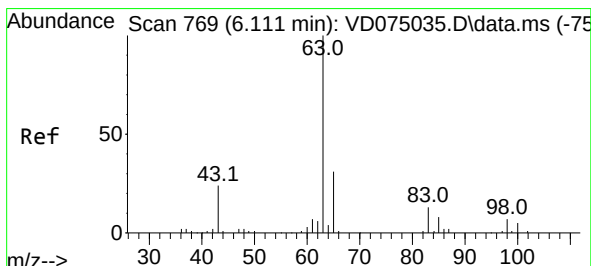
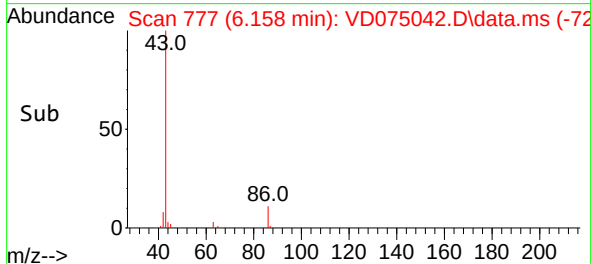
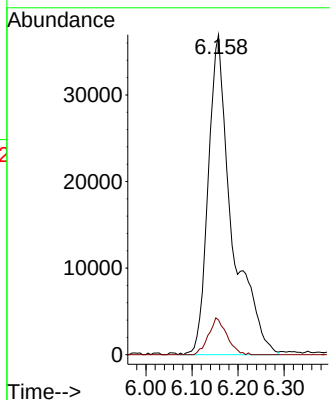
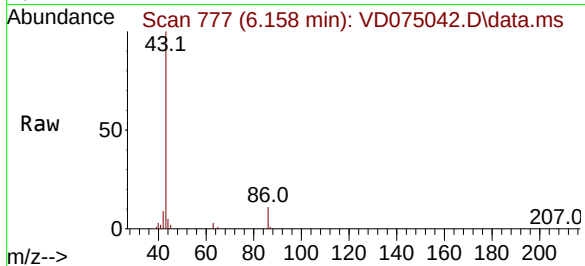




#23
 Vinyl Acetate
 Concen: 52.270 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD075042.D
 Acq: 22 Dec 2022 11:24

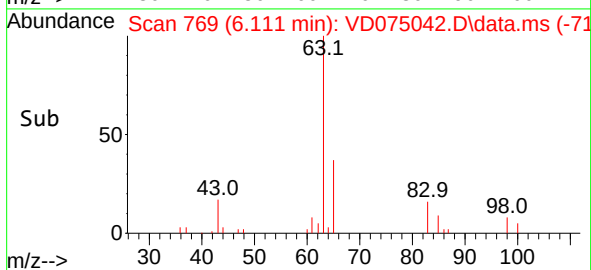
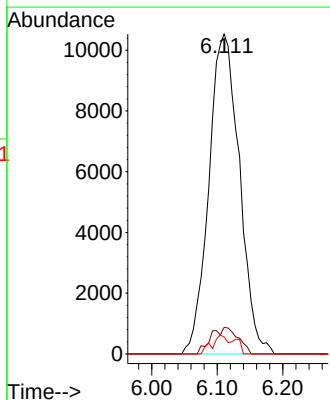
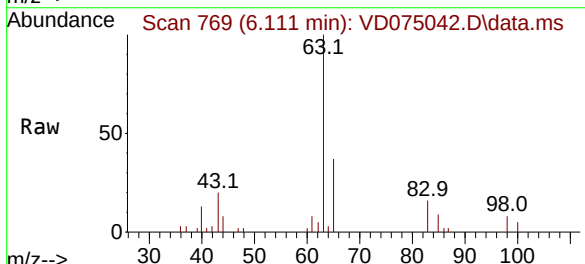
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

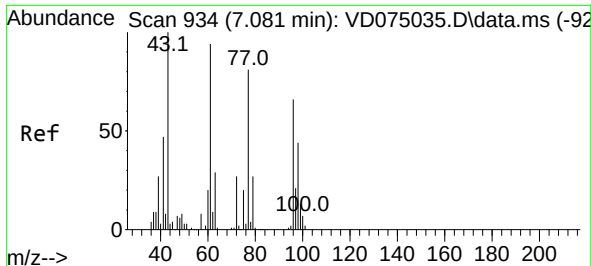
Tgt Ion: 43 Resp: 132014
 Ion Ratio Lower Upper
 43 100
 86 10.9 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 11.071 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075042.D
 Acq: 22 Dec 2022 11:24

Tgt Ion: 63 Resp: 34101
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 13.1
 100 5.3 2.5 7.4

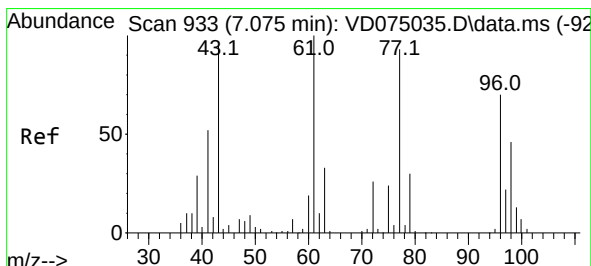
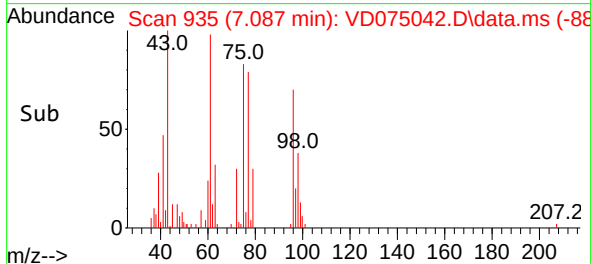
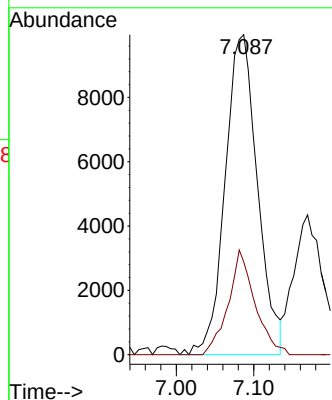
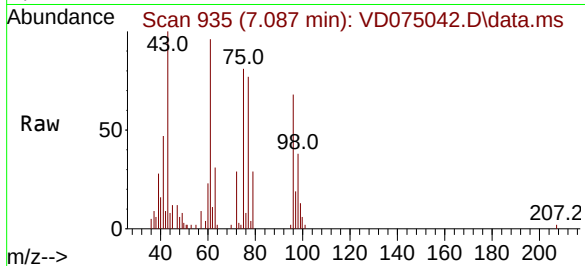




#25
2-Butanone
Concen: 51.703 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

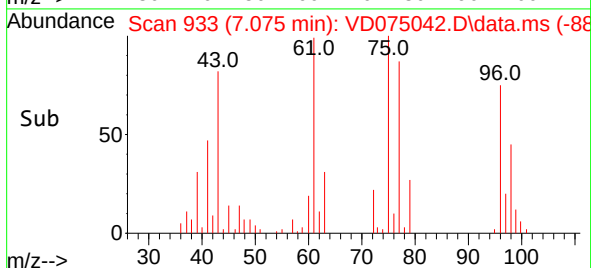
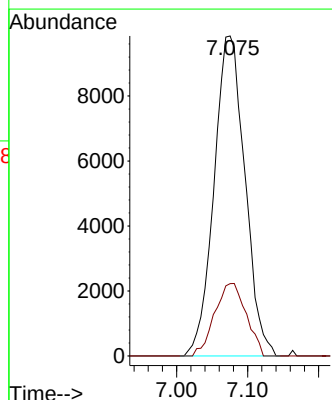
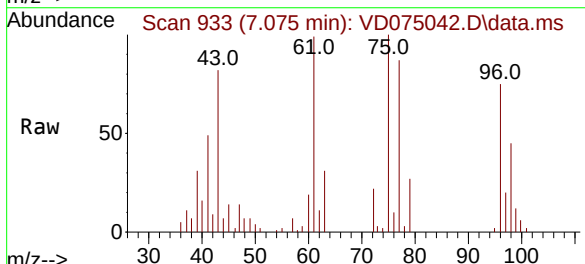
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

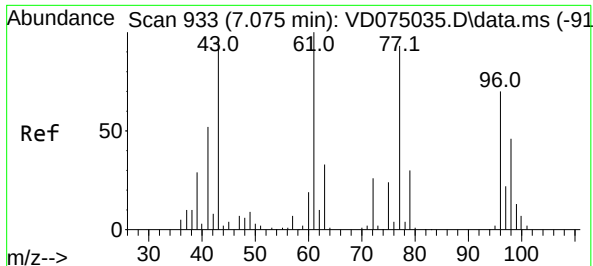
Tgt Ion: 43 Resp: 28946
Ion Ratio Lower Upper
43 100
72 29.1 28.4 42.6



#26
2,2-Dichloropropane
Concen: 10.665 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 77 Resp: 29772
Ion Ratio Lower Upper
77 100
97 23.1 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 10.802 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

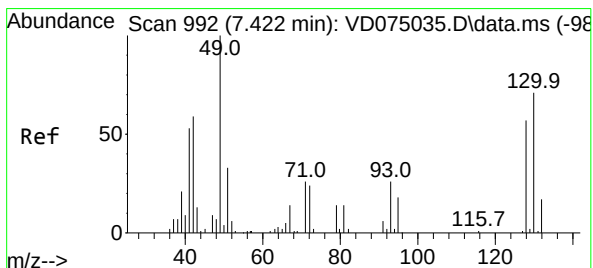
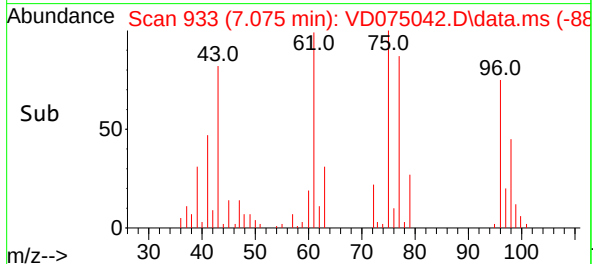
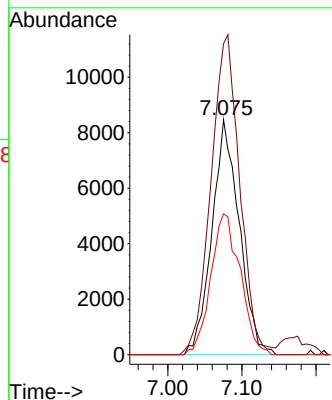
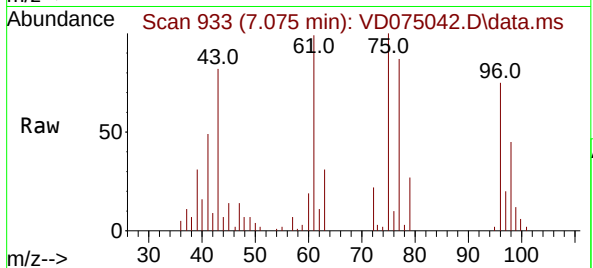
Tgt Ion: 96 Resp: 21673

Ion Ratio Lower Upper

96 100

61 143.9 0.0 244.6

98 64.6 0.0 131.0



#28

Bromochloromethane

Concen: 10.264 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

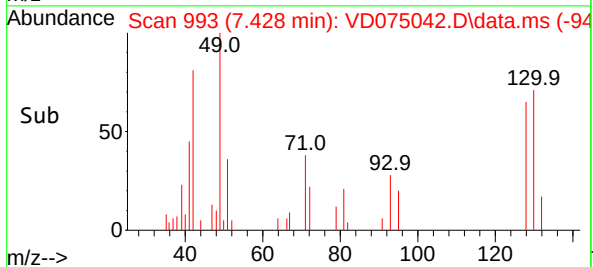
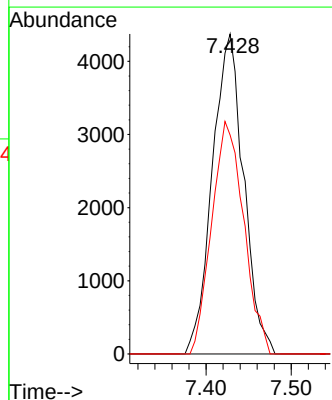
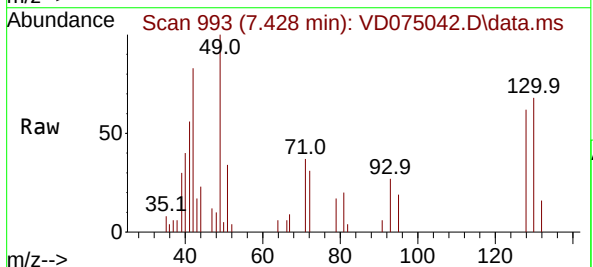
Tgt Ion: 49 Resp: 11162

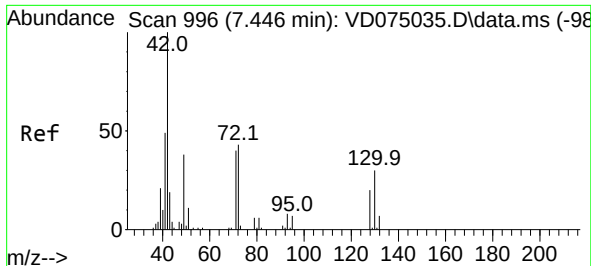
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 74.3 78.2 117.4





#29

Tetrahydrofuran

Concen: 51.805 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

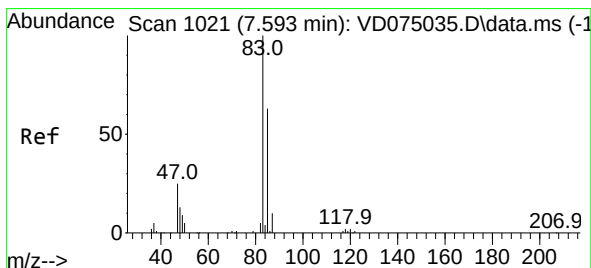
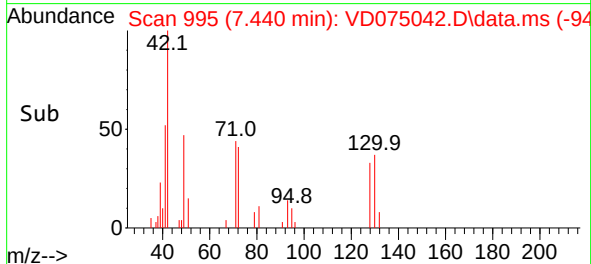
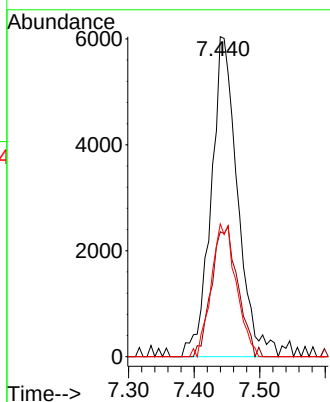
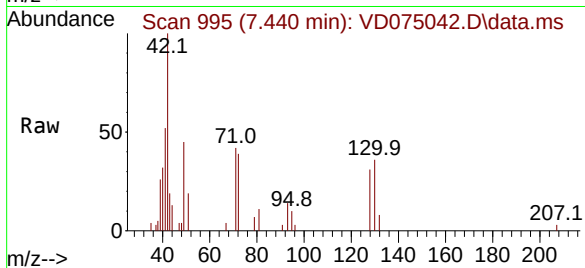
Tgt Ion: 42 Resp: 16933

Ion Ratio Lower Upper

42 100

72 40.3 43.8 65.8#

71 39.5 41.1 61.7#



#30

Chloroform

Concen: 10.410 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075042.D

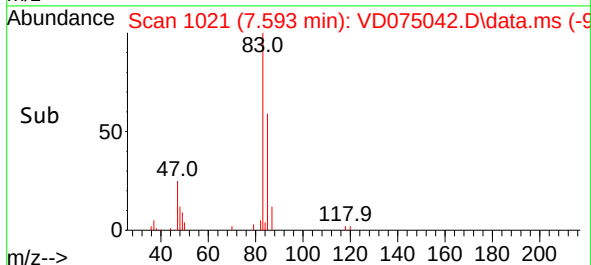
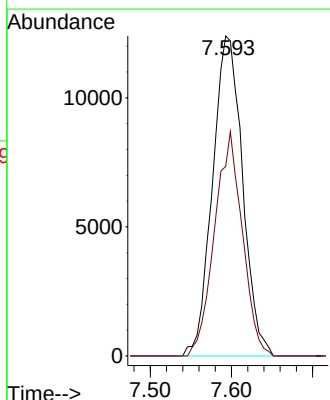
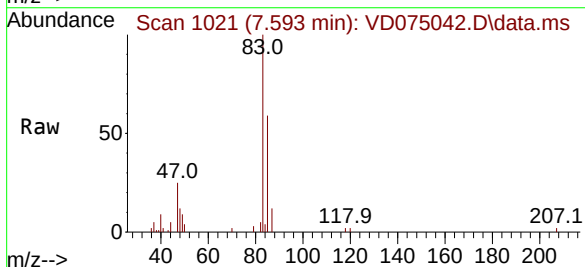
Acq: 22 Dec 2022 11:24

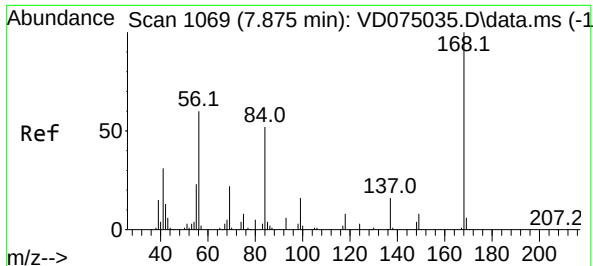
Tgt Ion: 83 Resp: 31815

Ion Ratio Lower Upper

83 100

85 59.3 51.4 77.0

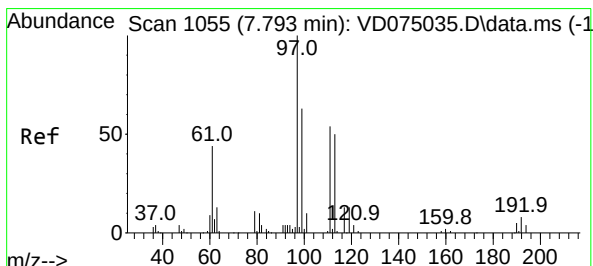
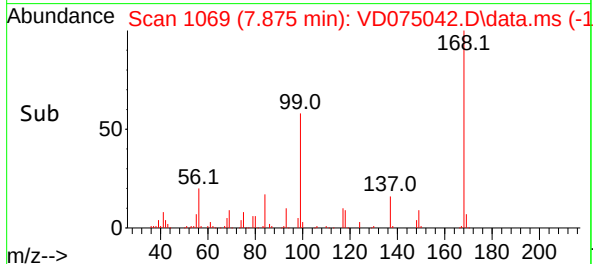
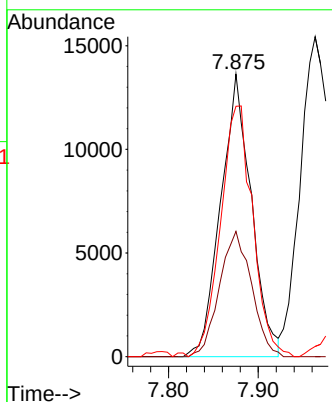
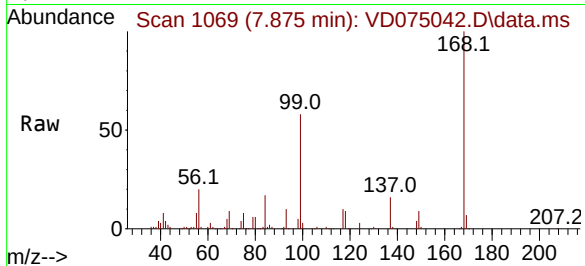




#31
Cyclohexane
Concen: 12.316 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

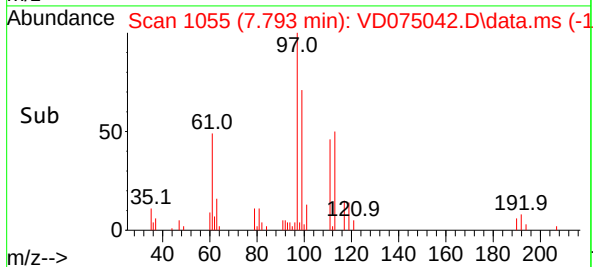
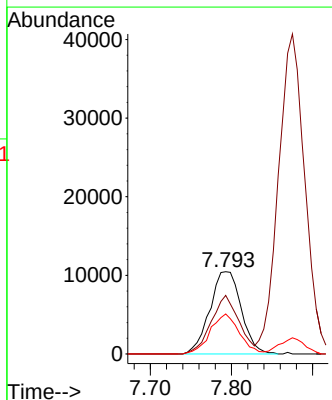
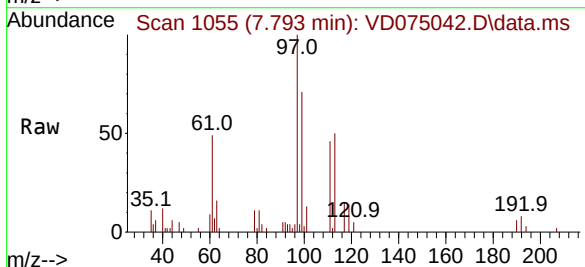
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

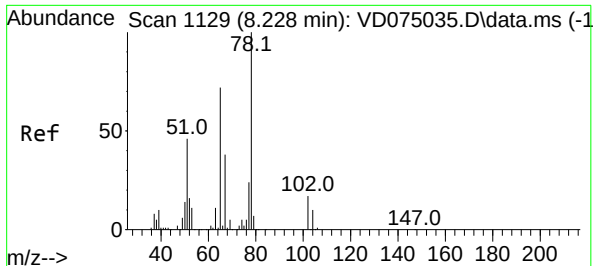
Tgt Ion: 56 Resp: 32288
Ion Ratio Lower Upper
56 100
69 44.3 29.4 44.2#
84 87.3 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 10.932 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 97 Resp: 28159
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 44.9 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 10.169 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

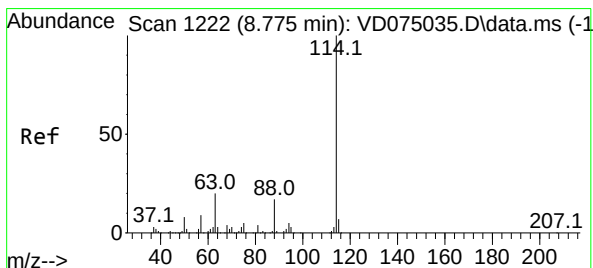
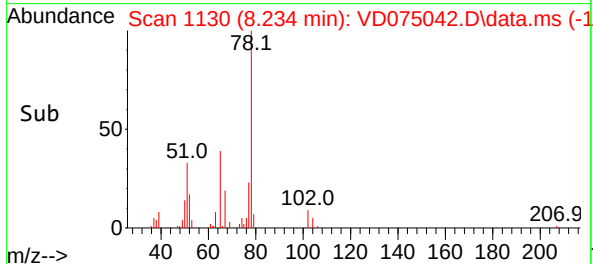
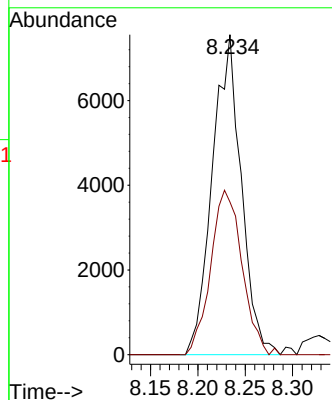
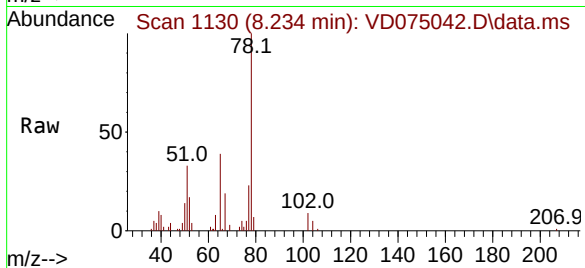
VSTDIC010

Tgt Ion: 65 Resp: 16031

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

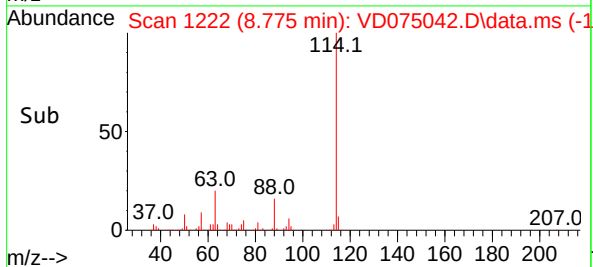
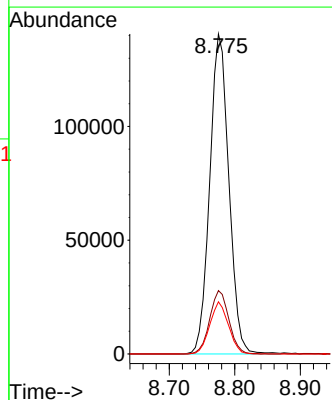
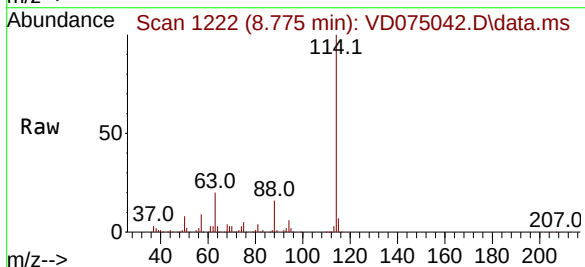
Tgt Ion: 114 Resp: 284988

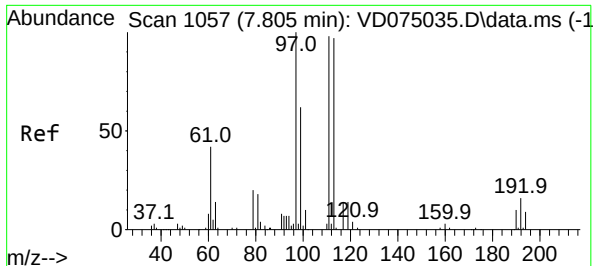
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 16.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 10.294 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

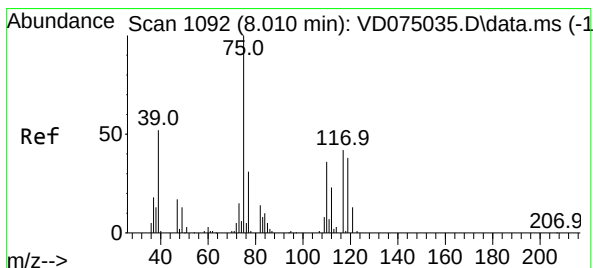
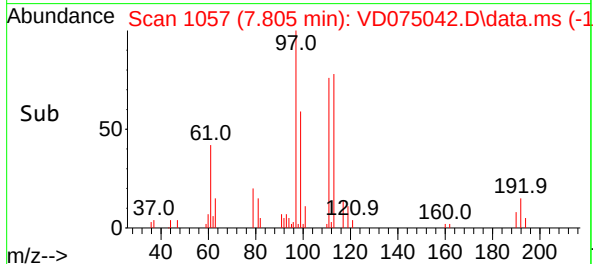
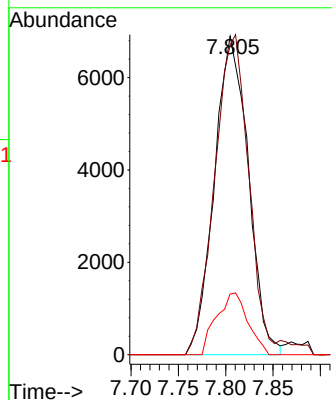
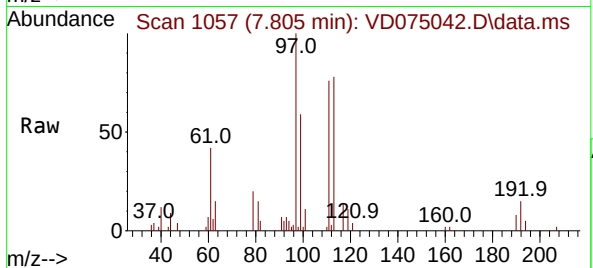
Tgt Ion:113 Resp: 17175

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 17.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 11.755 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

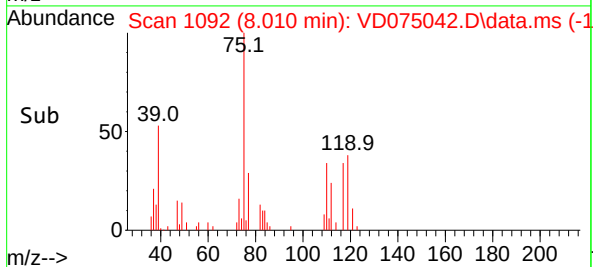
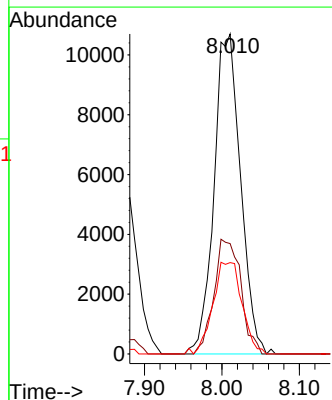
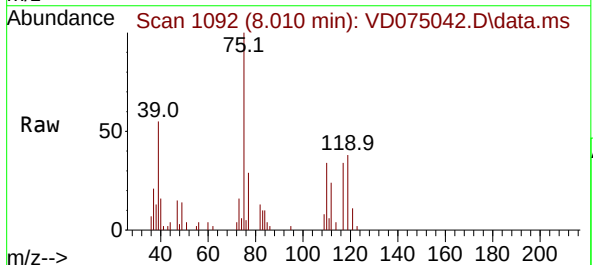
Tgt Ion: 75 Resp: 25491

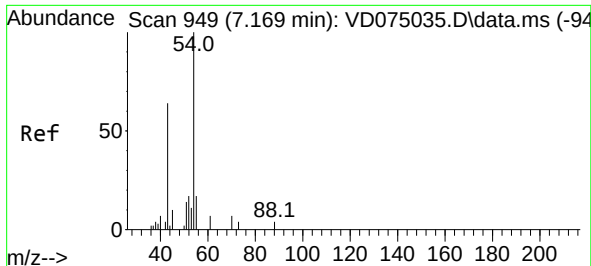
Ion Ratio Lower Upper

75 100

110 36.3 19.0 57.0

77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 11.462 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

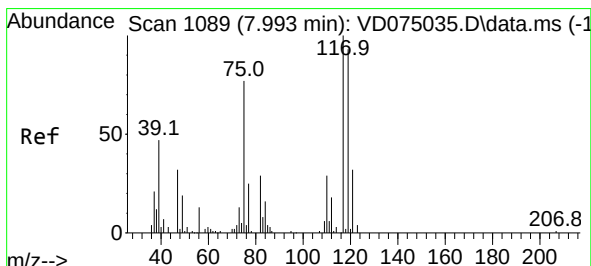
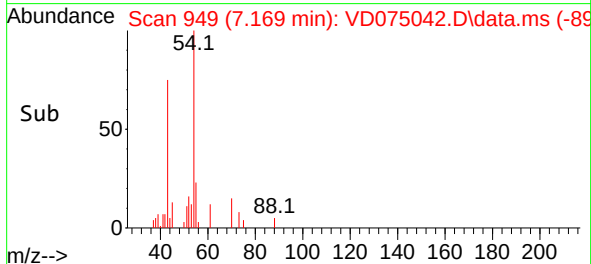
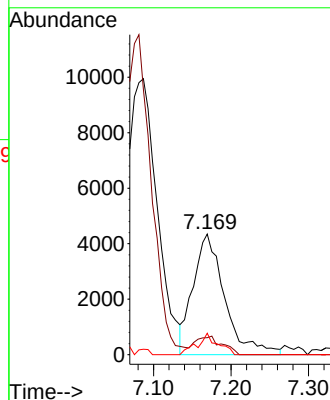
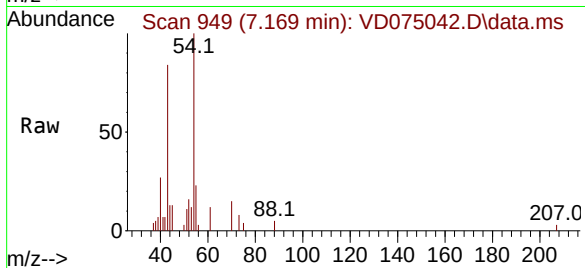
Tgt Ion: 43 Resp: 12287

Ion Ratio Lower Upper

43 100

61 12.7 12.8 19.2#

70 11.5 10.2 15.4



#38

Carbon Tetrachloride

Concen: 10.693 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

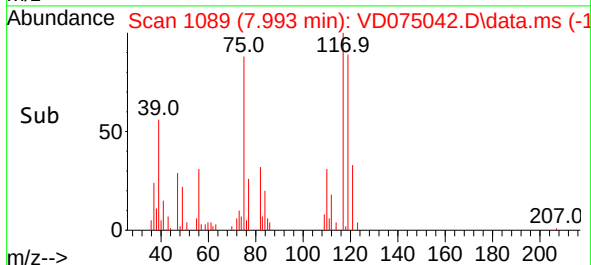
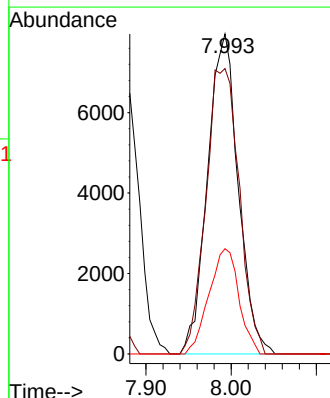
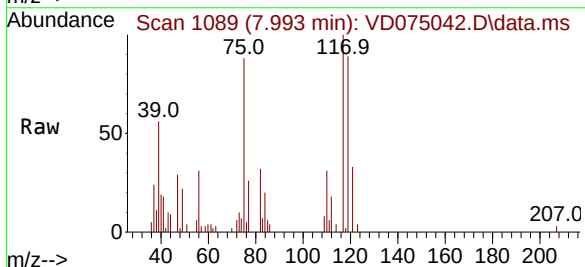
Tgt Ion: 117 Resp: 19961

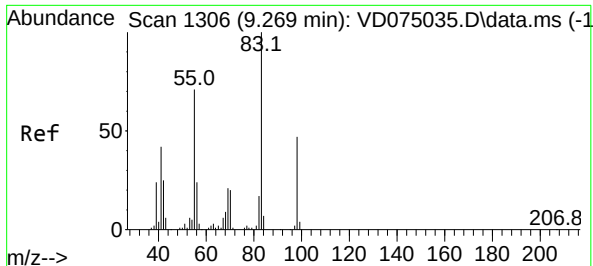
Ion Ratio Lower Upper

117 100

119 89.2 75.8 113.6

121 32.9 25.4 38.0





#39

Methylcyclohexane

Concen: 11.885 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

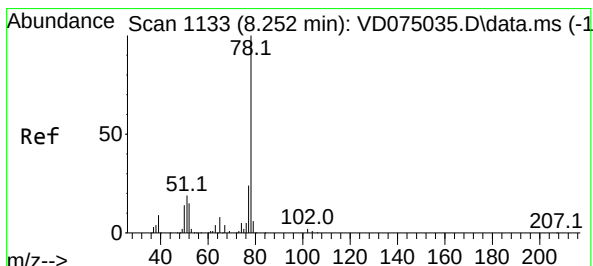
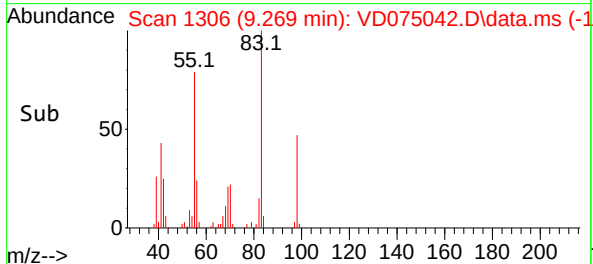
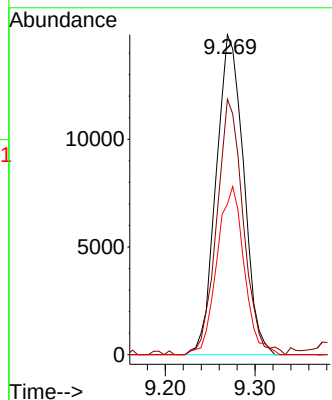
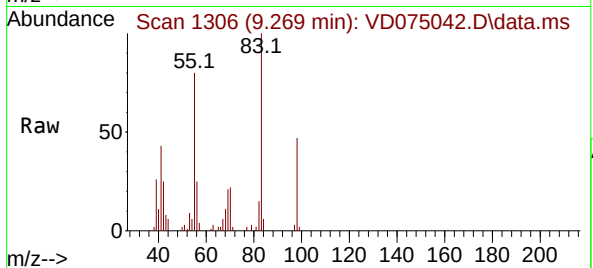
Tgt Ion: 83 Resp: 31569

Ion Ratio Lower Upper

83 100

55 79.8 53.1 79.7#

98 47.0 37.5 56.3



#40

Benzene

Concen: 11.384 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075042.D

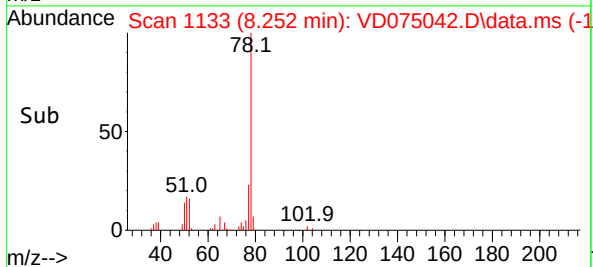
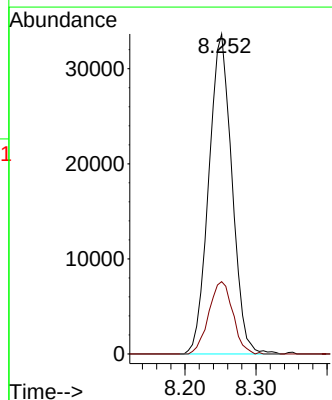
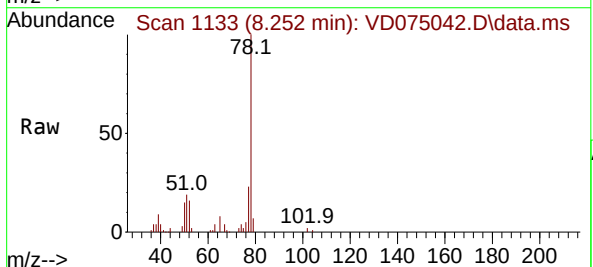
Acq: 22 Dec 2022 11:24

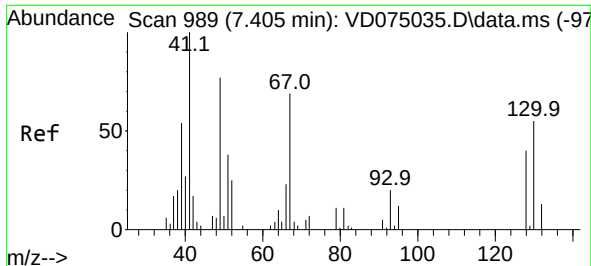
Tgt Ion: 78 Resp: 76126

Ion Ratio Lower Upper

78 100

77 22.6 18.6 27.8

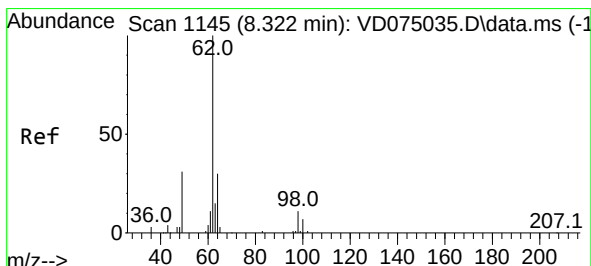
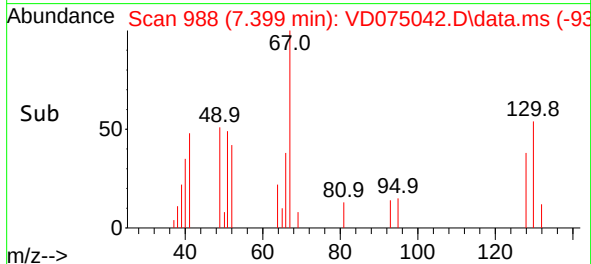
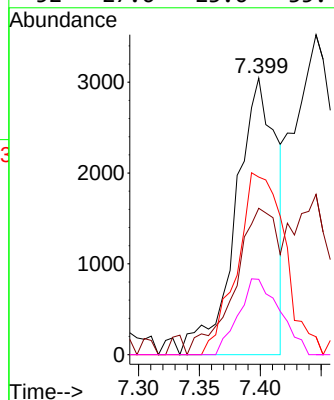
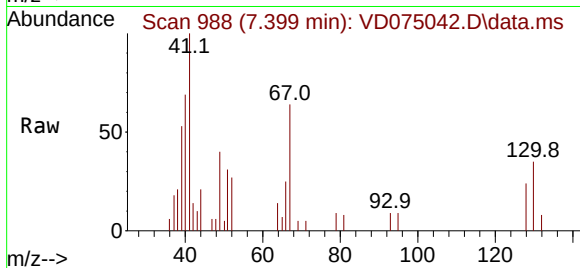




#41
Methacrylonitrile
Concen: 10.520 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

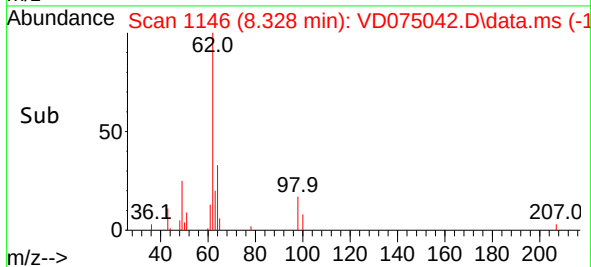
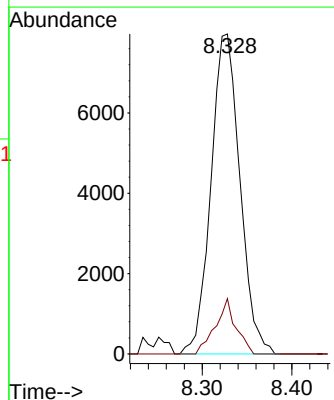
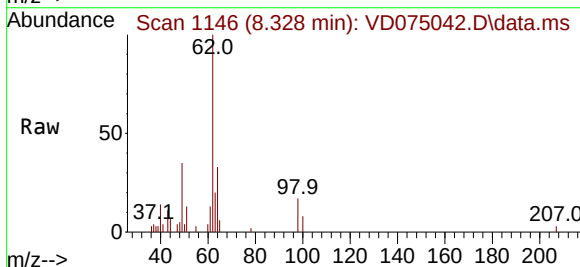
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

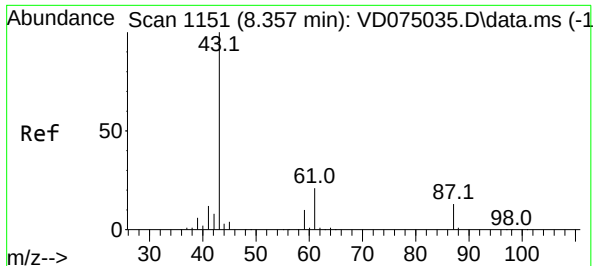
Tgt Ion: 41	Resp: 7126
Ion Ratio	Lower Upper
41 100	
39 55.6	44.8 67.2
67 77.4	69.6 104.4
52 27.6	23.6 35.4



#42
1,2-Dichloroethane
Concen: 10.602 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 62	Resp: 17856
Ion Ratio	Lower Upper
62 100	
98 12.2	0.0 23.4





#43

Isopropyl Acetate

Concen: 10.210 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

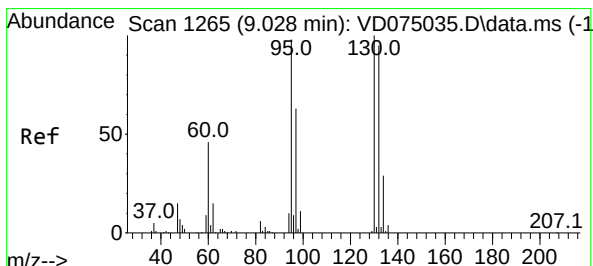
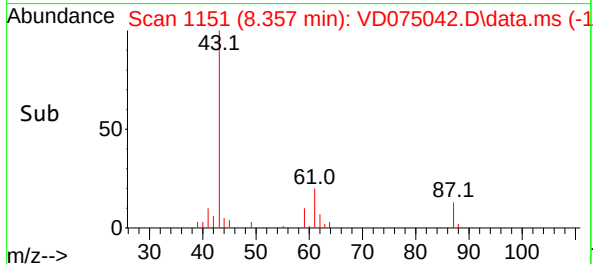
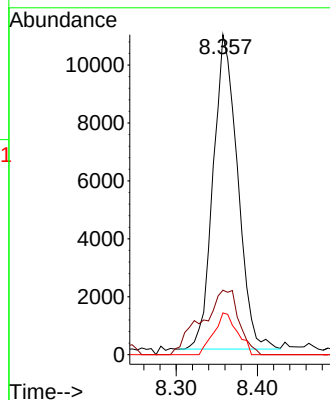
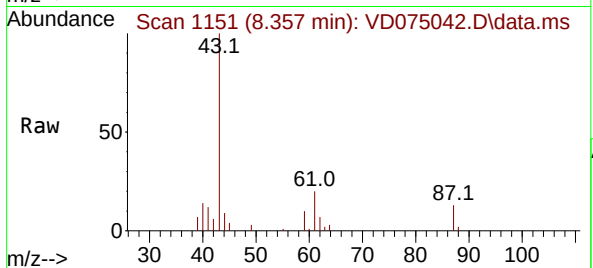
Tgt Ion: 43 Resp: 22758

Ion Ratio Lower Upper

43 100

61 31.2 28.2 42.4

87 12.7 13.6 20.4#



#44

Trichloroethene

Concen: 11.352 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075042.D

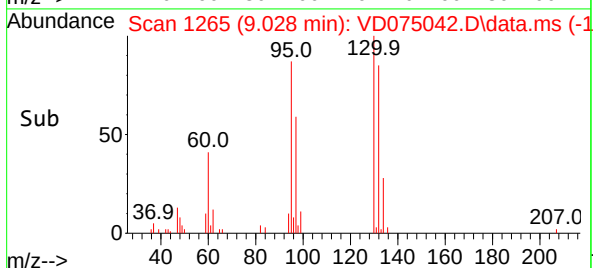
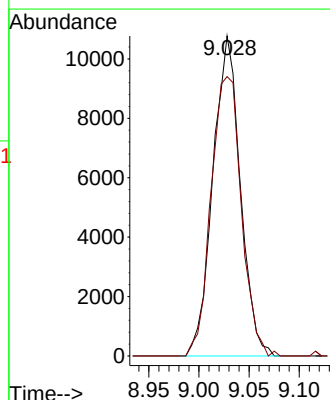
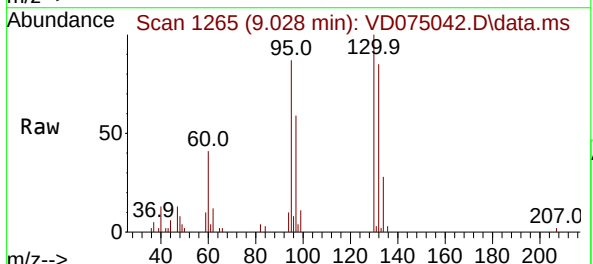
Acq: 22 Dec 2022 11:24

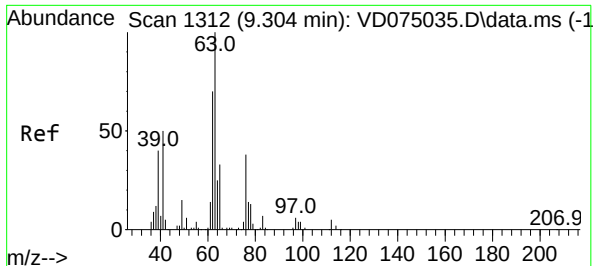
Tgt Ion:130 Resp: 20461

Ion Ratio Lower Upper

130 100

95 87.3 0.0 190.0





#45

1,2-Dichloropropane

Concen: 10.789 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

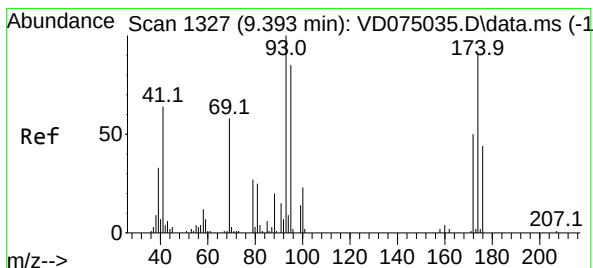
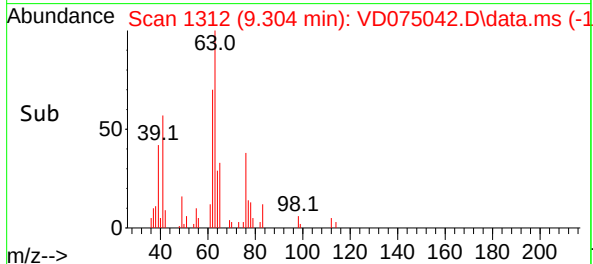
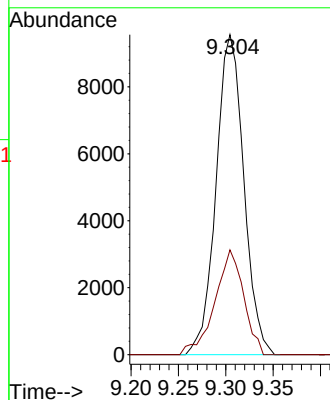
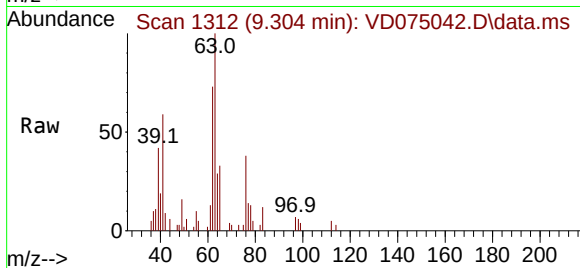
VSTDIC010

Tgt Ion: 63 Resp: 19492

Ion Ratio Lower Upper

63 100

65 32.8 27.0 40.6



#46

Dibromomethane

Concen: 10.933 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

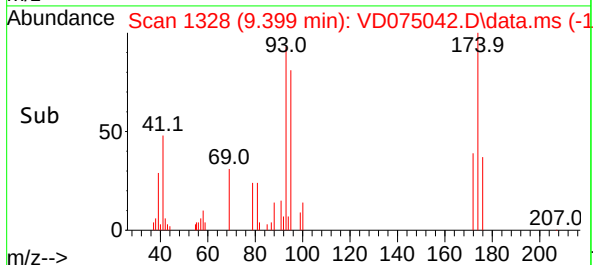
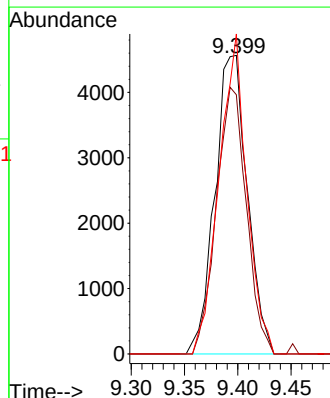
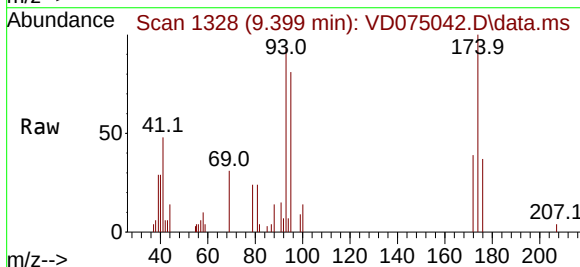
Tgt Ion: 93 Resp: 9649

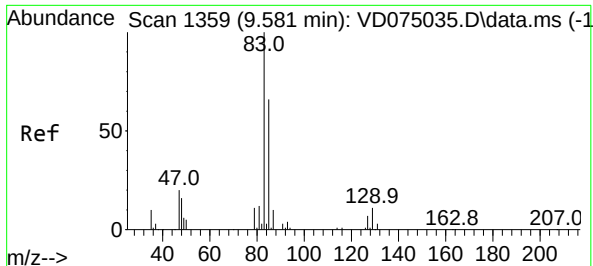
Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

174 91.8 74.7 112.1





#47

Bromodichloromethane

Concen: 10.523 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

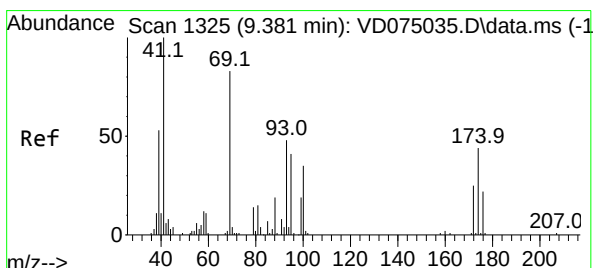
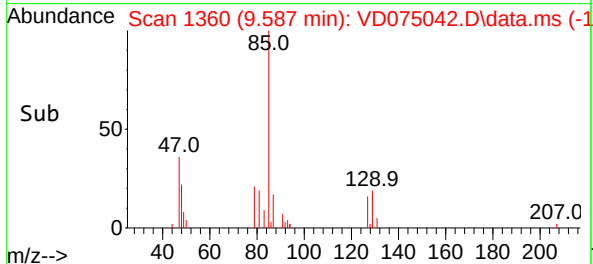
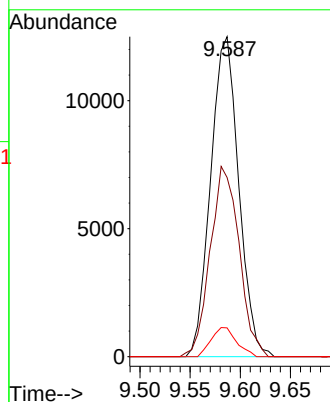
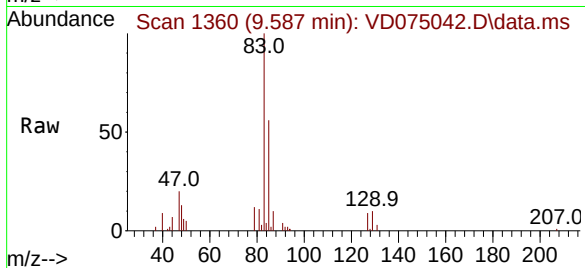
Tgt Ion: 83 Resp: 24336

Ion Ratio Lower Upper

83 100

85 56.0 51.8 77.8

127 9.0 7.2 10.8



#48

Methyl methacrylate

Concen: 11.476 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

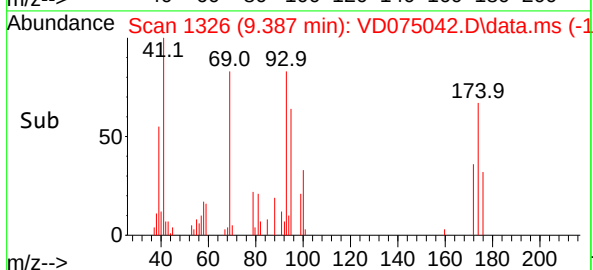
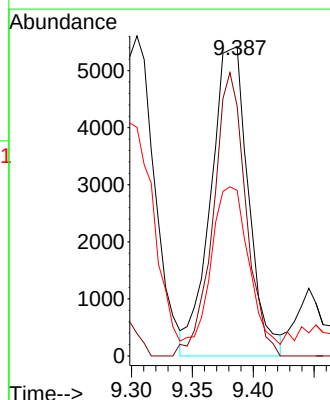
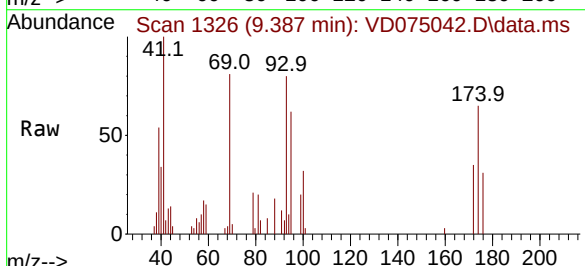
Tgt Ion: 41 Resp: 11715

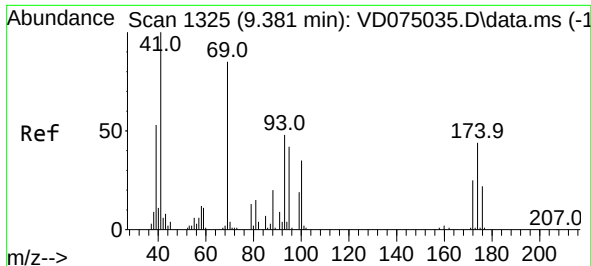
Ion Ratio Lower Upper

41 100

69 79.2 84.8 127.2#

39 48.2 43.6 65.4





#49

1,4-Dioxane

Concen: 197.137 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

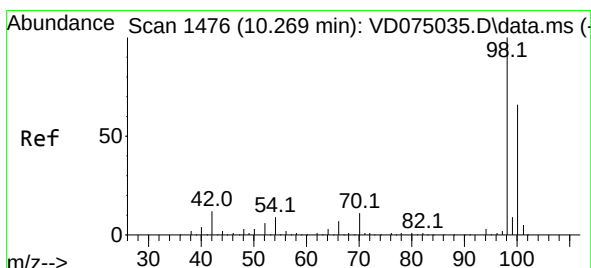
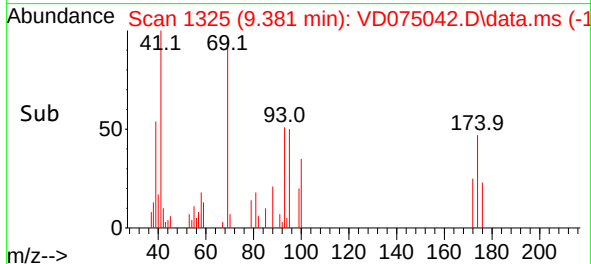
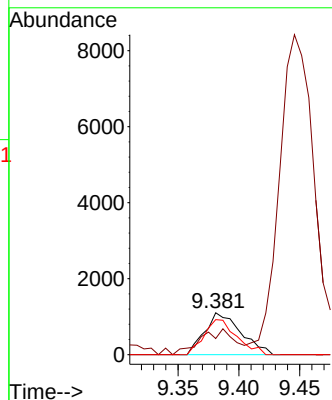
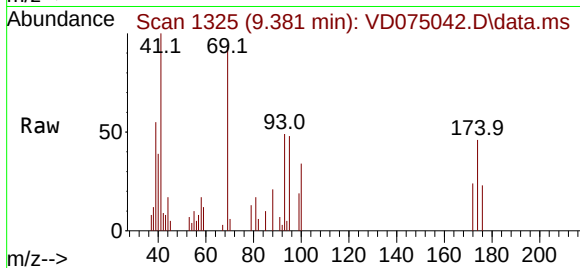
Tgt Ion: 88 Resp: 2277

Ion Ratio Lower Upper

88 100

43 31.2 23.9 35.9

58 75.2 48.4 72.6#



#50

Toluene-d8

Concen: 10.244 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075042.D

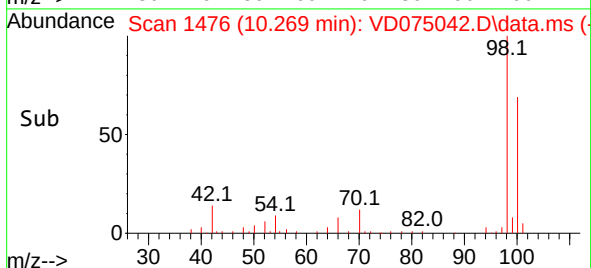
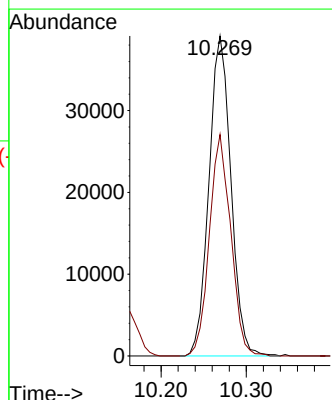
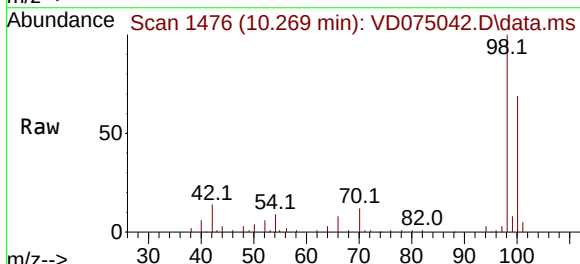
Acq: 22 Dec 2022 11:24

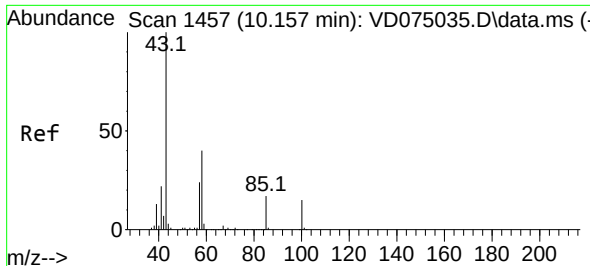
Tgt Ion: 98 Resp: 70395

Ion Ratio Lower Upper

98 100

100 67.2 52.2 78.2

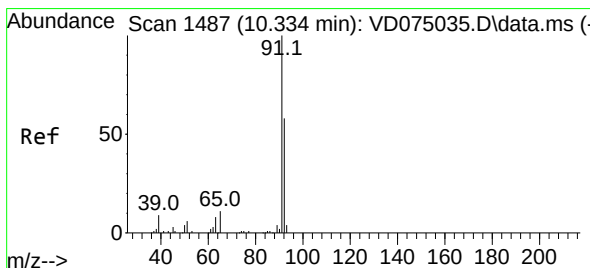
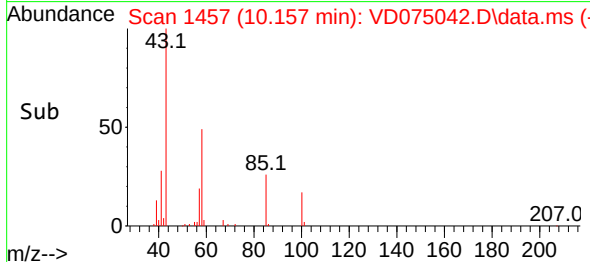
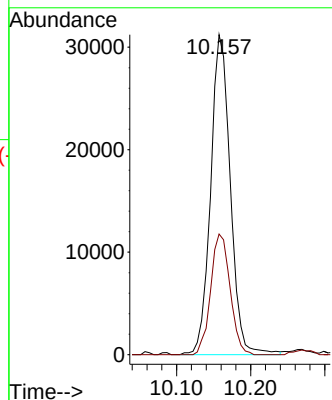
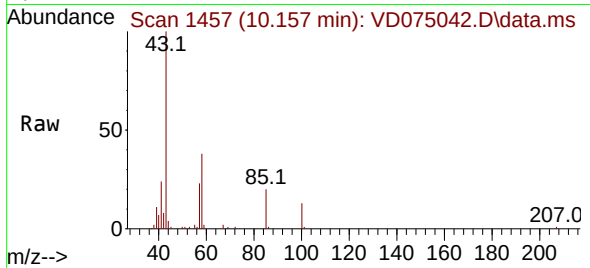




#51
4-Methyl-2-Pentanone
Concen: 51.741 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

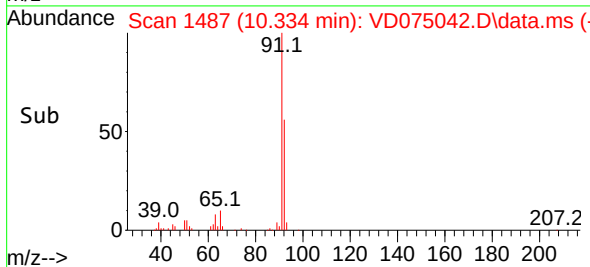
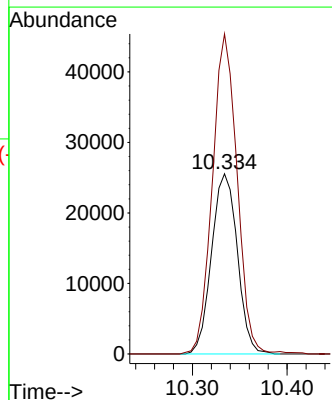
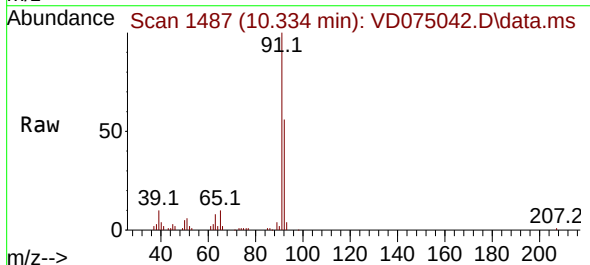
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

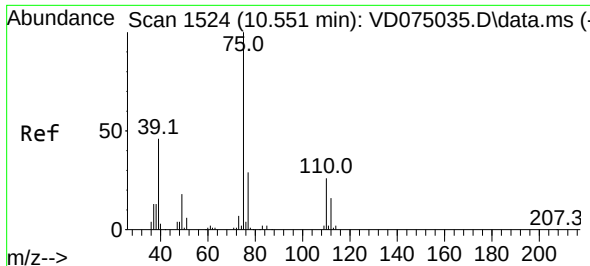
Tgt Ion: 43 Resp: 57637
Ion Ratio Lower Upper
43 100
58 37.1 35.7 53.5



#52
Toluene
Concen: 11.324 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 92 Resp: 48263
Ion Ratio Lower Upper
92 100
91 170.8 139.3 208.9

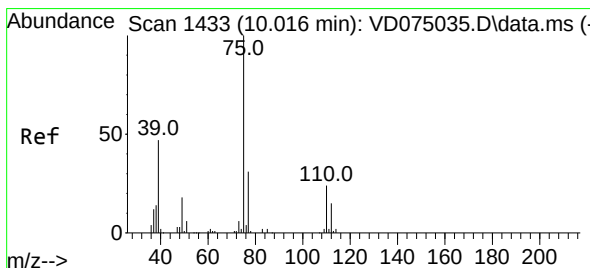
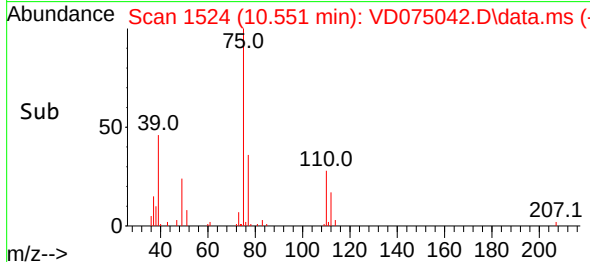
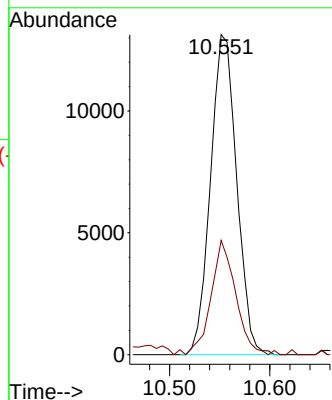
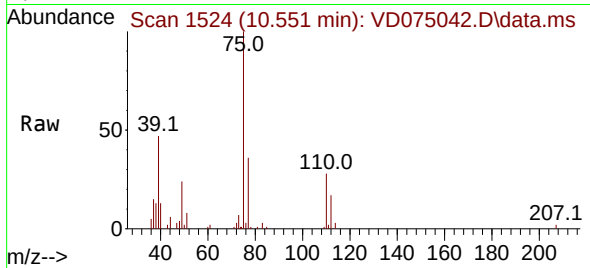




#53
t-1,3-Dichloropropene
Concen: 10.374 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

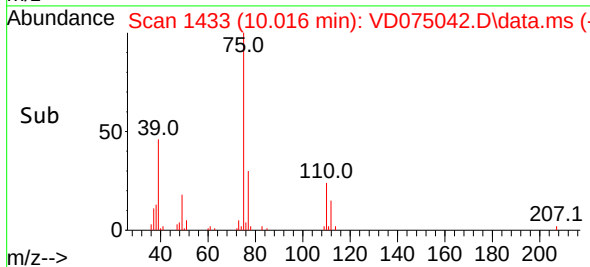
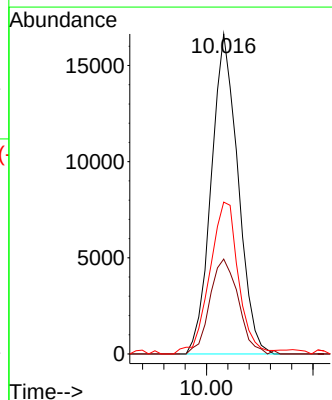
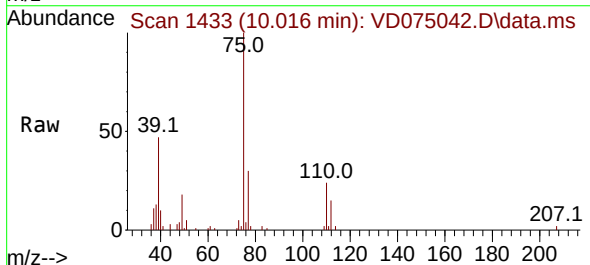
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

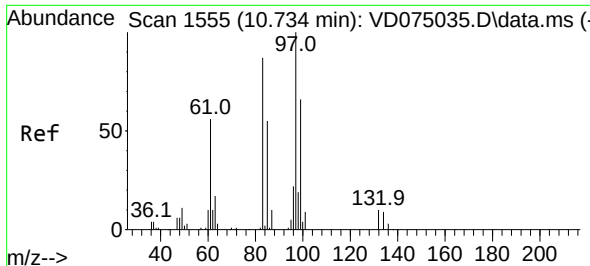
Tgt Ion: 75 Resp: 23861
Ion Ratio Lower Upper
75 100
77 35.7 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 10.440 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 75 Resp: 28906
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3
39 46.3 25.7 38.5#

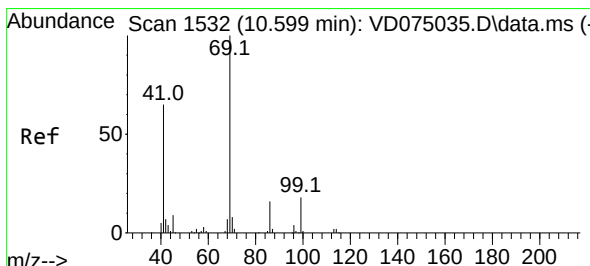
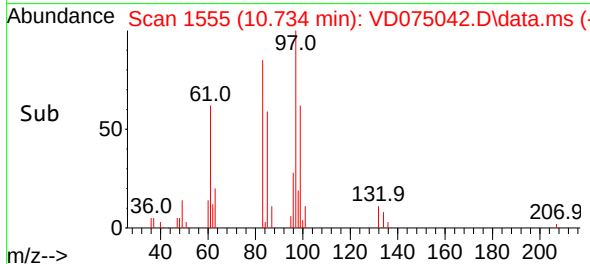
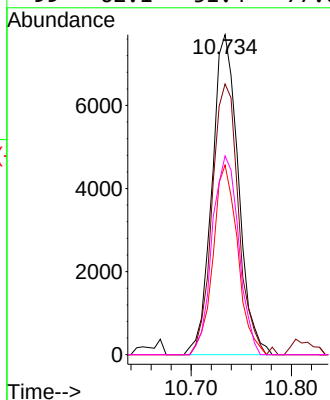
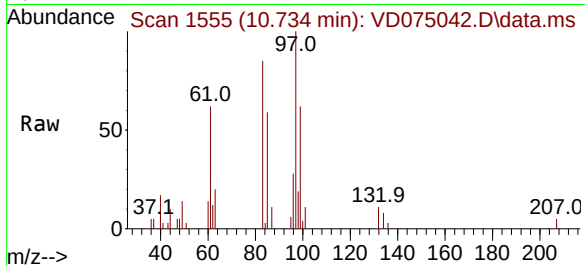




#55
1,1,2-Trichloroethane
Concen: 10.729 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

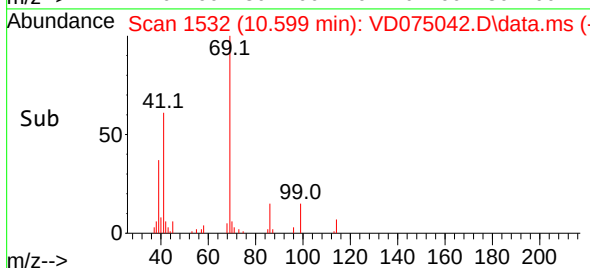
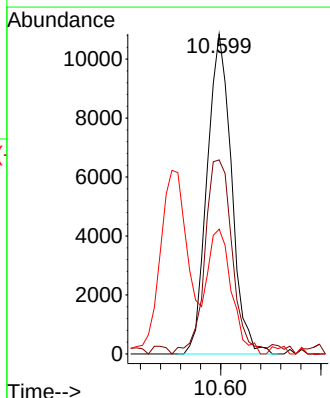
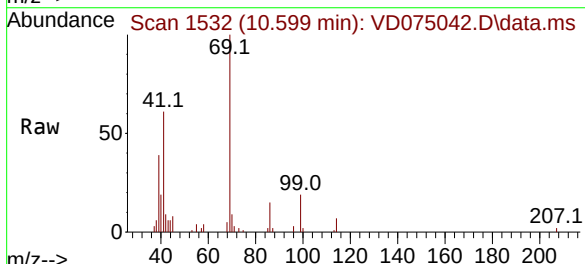
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

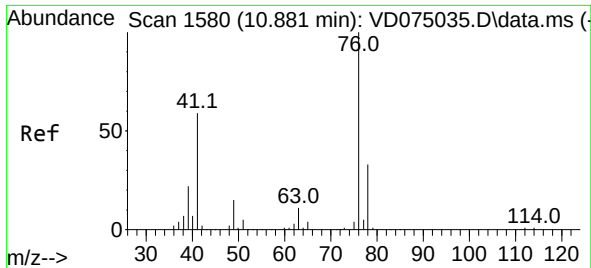
Tgt Ion: 97	Resp: 14067
Ion Ratio	Lower Upper
97 100	
83 84.6	65.1 97.7
85 59.3	43.3 64.9
99 62.1	51.4 77.0



#56
Ethyl methacrylate
Concen: 10.218 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 69	Resp: 18329
Ion Ratio	Lower Upper
69 100	
41 68.0	42.2 63.4#
39 37.4	20.2 30.4#

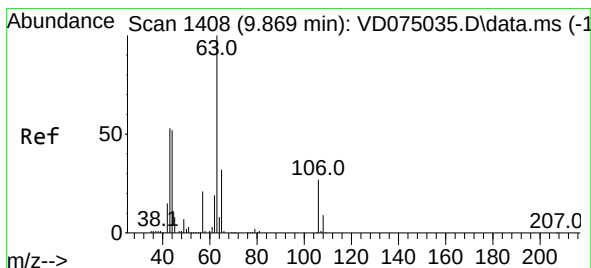
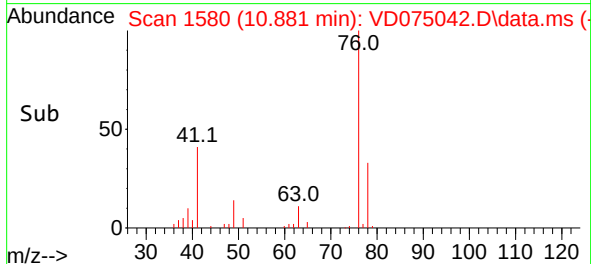
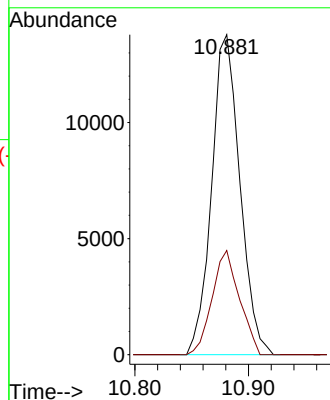
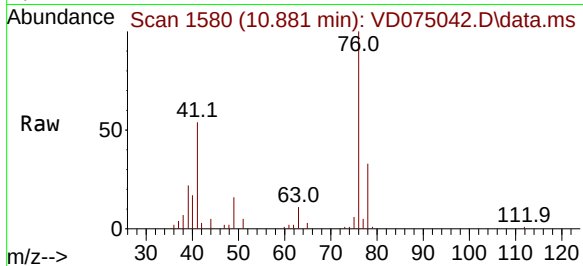




#57
1,3-Dichloropropane
Concen: 10.712 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

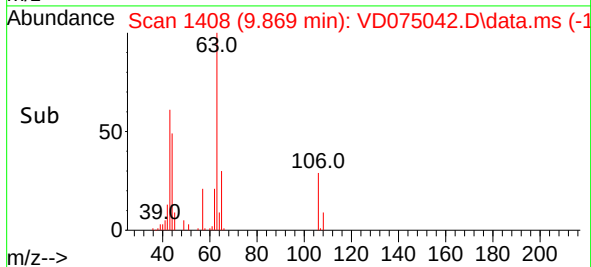
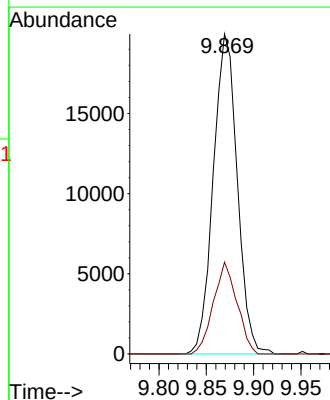
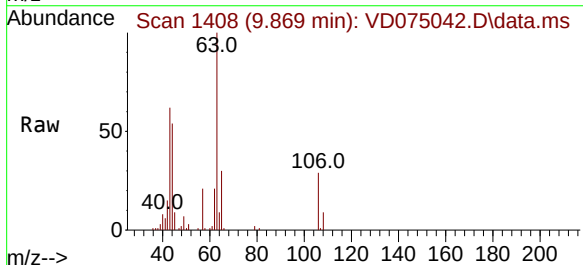
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

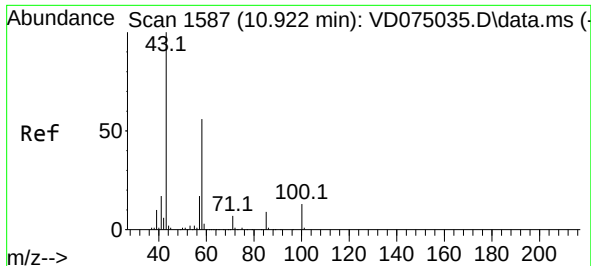
Tgt Ion: 76 Resp: 23821
Ion Ratio Lower Upper
76 100
78 31.4 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 49.445 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 63 Resp: 35112
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9

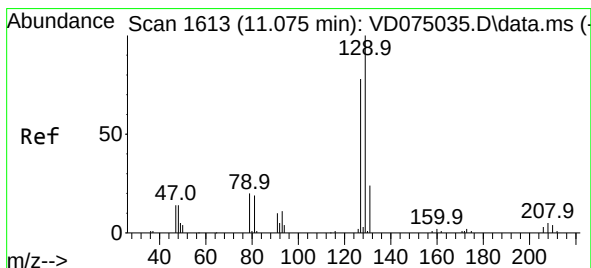
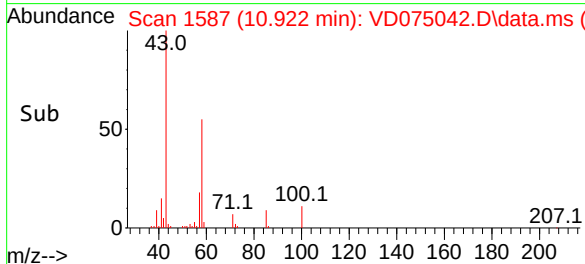
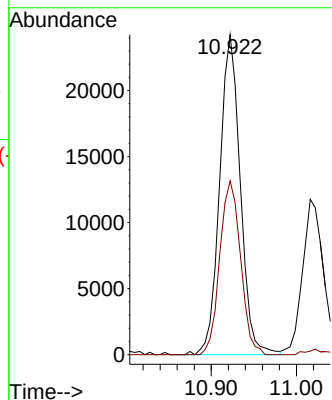
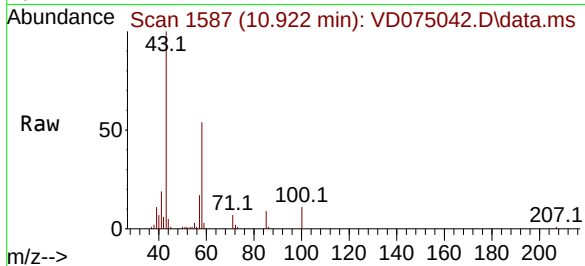




#59
2-Hexanone
Concen: 50.561 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

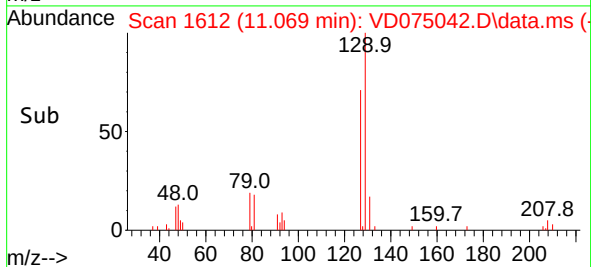
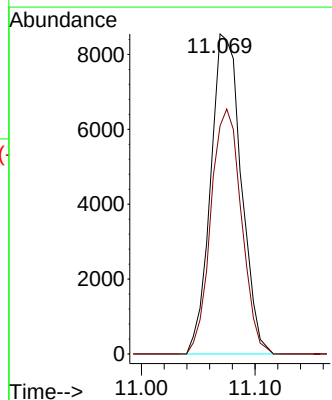
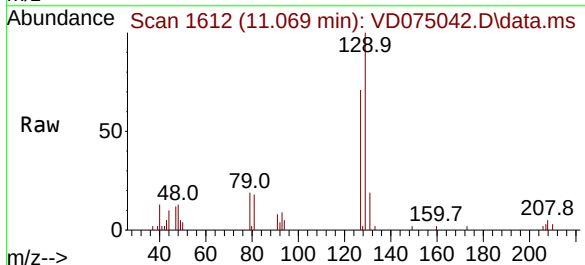
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

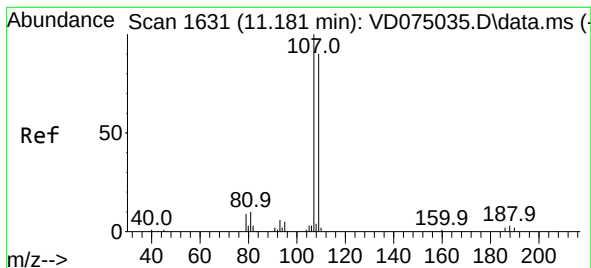
Tgt Ion: 43 Resp: 40786
Ion Ratio Lower Upper
43 100
58 54.6 30.8 92.4



#60
Dibromochloromethane
Concen: 10.675 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 129 Resp: 15977
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3

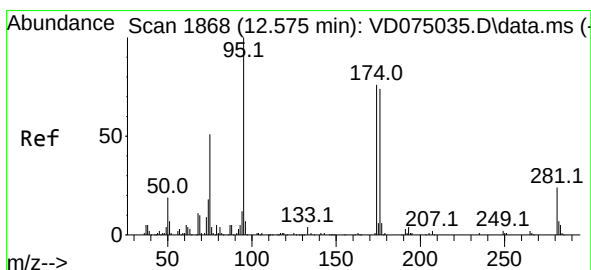
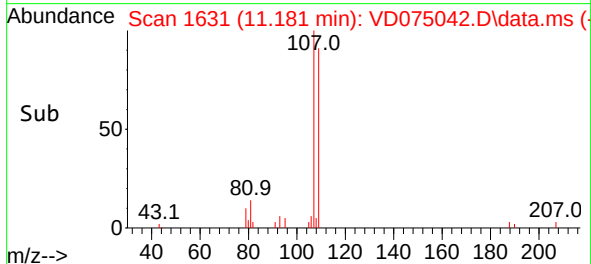
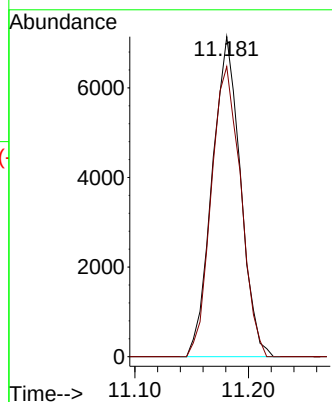
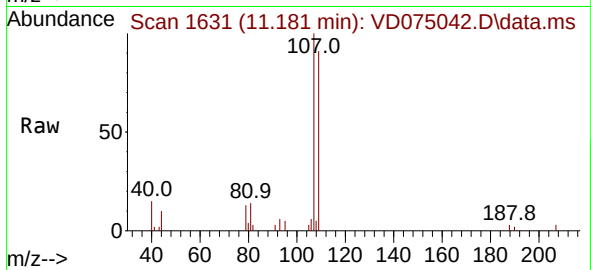




#61
1,2-Dibromoethane
Concen: 10.419 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

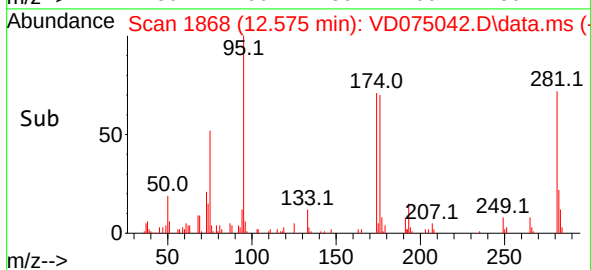
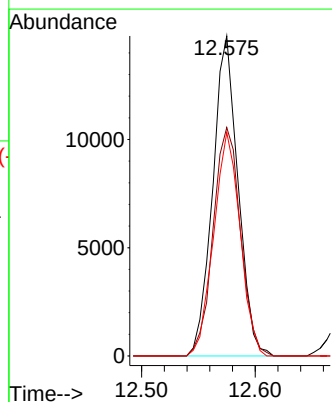
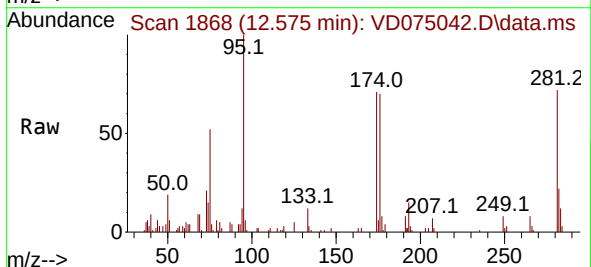
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

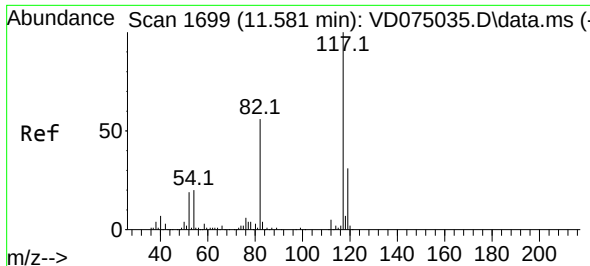
Tgt Ion:107 Resp: 12373
Ion Ratio Lower Upper
107 100
109 94.1 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 10.293 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 95 Resp: 22895
Ion Ratio Lower Upper
95 100
174 77.0 0.0 171.2
176 72.8 0.0 165.0

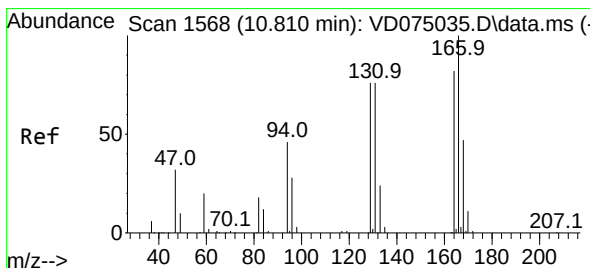
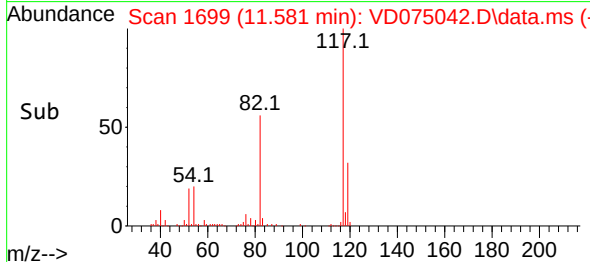
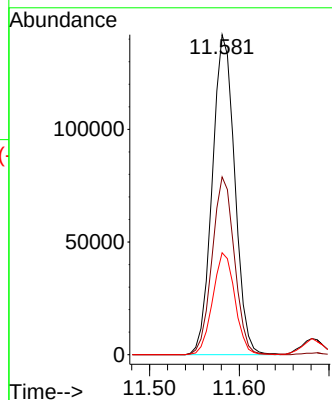
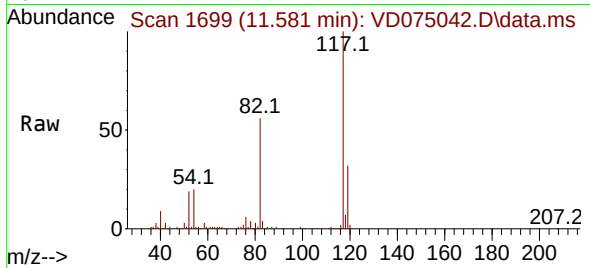




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

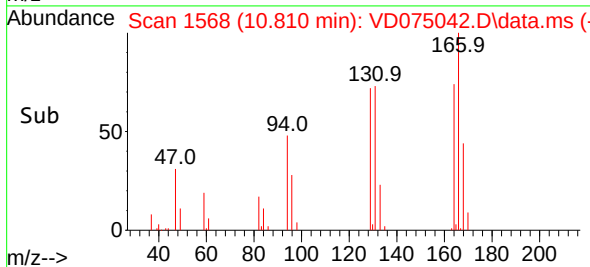
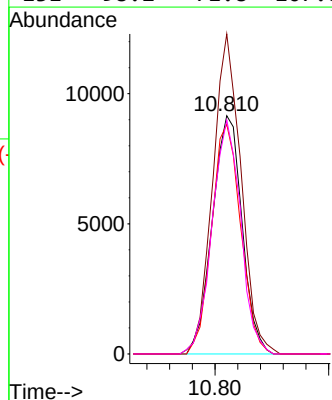
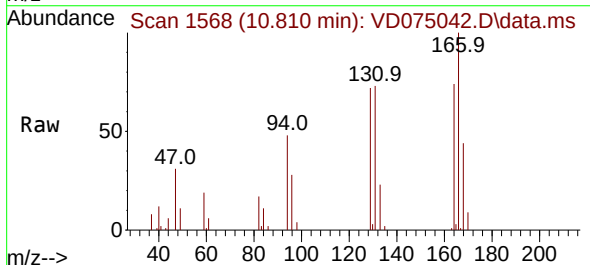
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

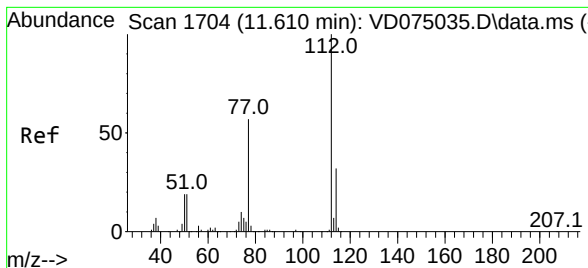
Tgt Ion:	117	Resp:	246571
Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.9	61.3
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 11.426 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:	164	Resp:	16606
Ion	Ratio	Lower	Upper
164	100		
166	134.4	99.4	149.0
129	96.4	76.7	115.1
131	98.2	71.8	107.8

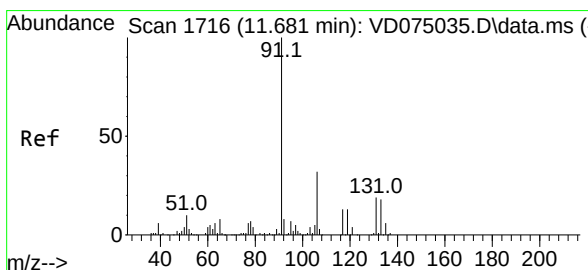
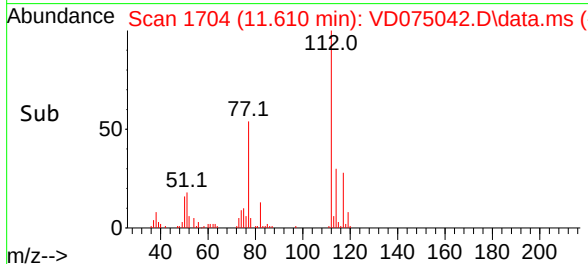
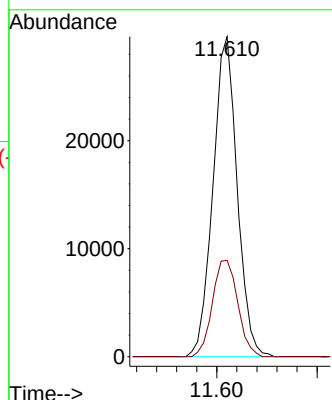
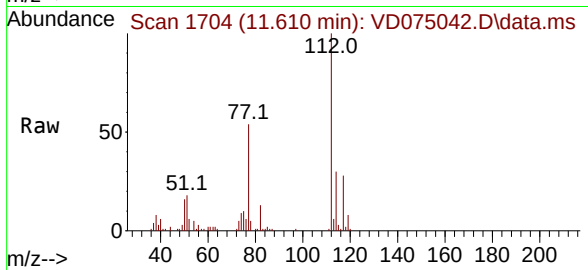




#65
Chlorobenzene
Concen: 10.941 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

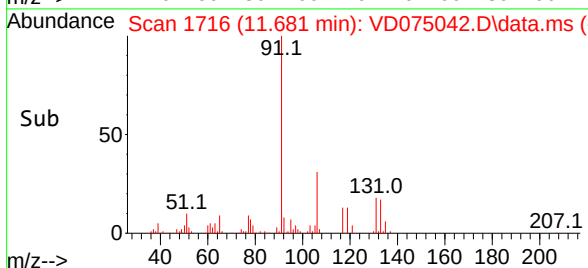
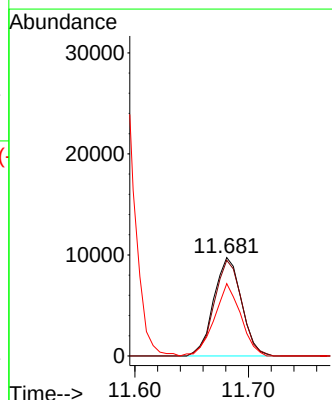
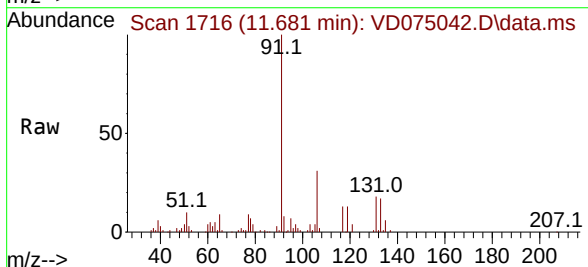
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

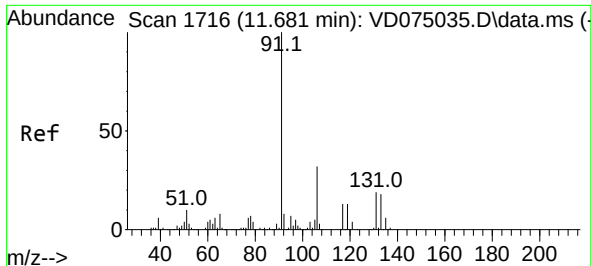
Tgt Ion:112 Resp: 49564
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.550 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:131 Resp: 16538
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.6
119 70.0 34.2 102.5





#67

Ethyl Benzene

Concen: 11.120 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

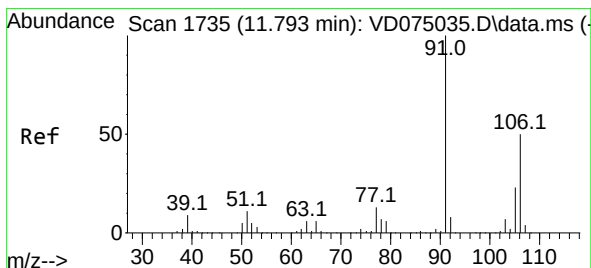
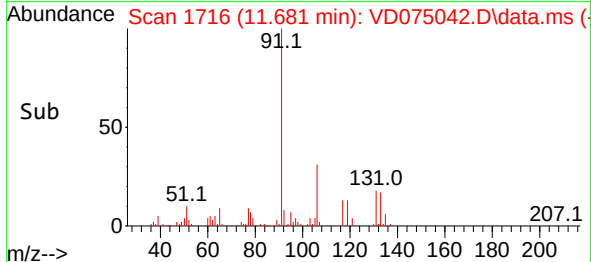
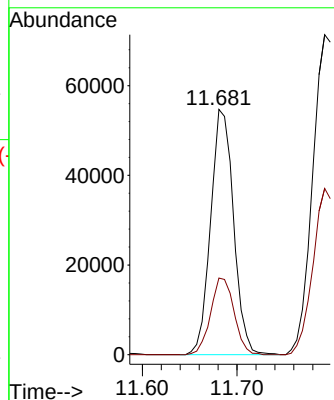
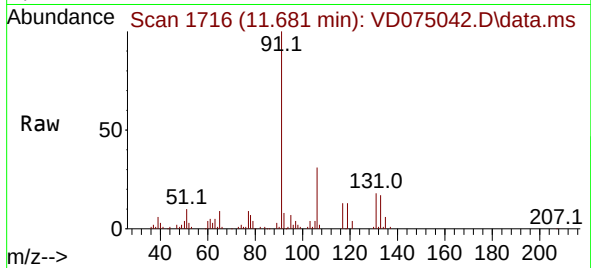
VSTDICC010

Tgt Ion: 91 Resp: 91924

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 22.349 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075042.D

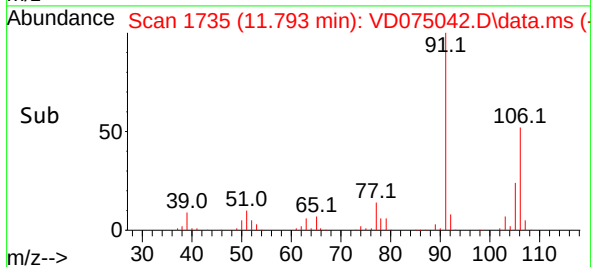
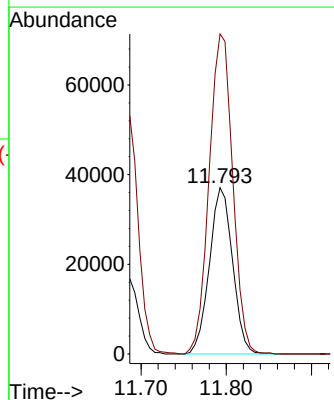
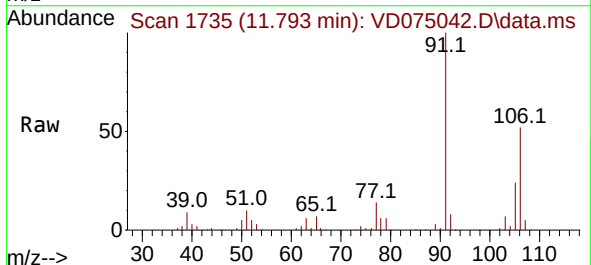
Acq: 22 Dec 2022 11:24

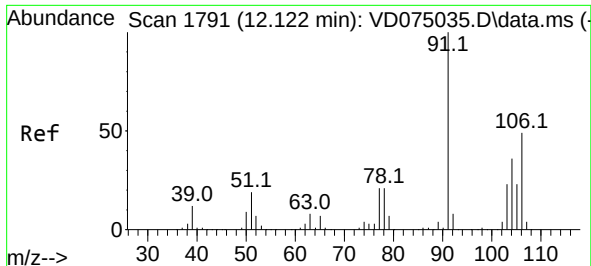
Tgt Ion:106 Resp: 70084

Ion Ratio Lower Upper

106 100

91 196.1 156.3 234.5





#69

o-Xylene

Concen: 10.803 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

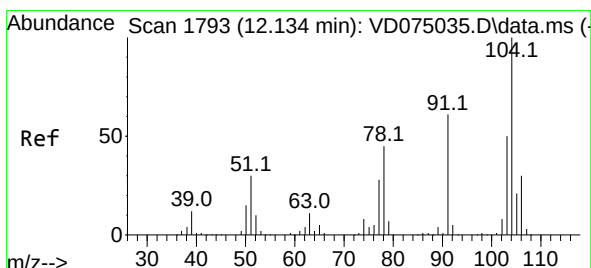
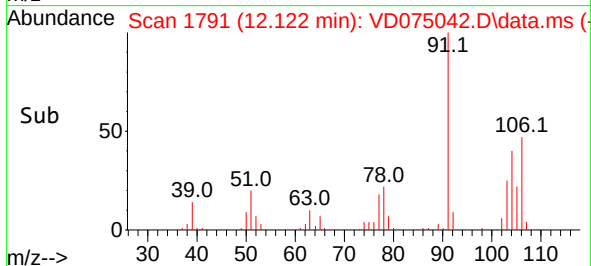
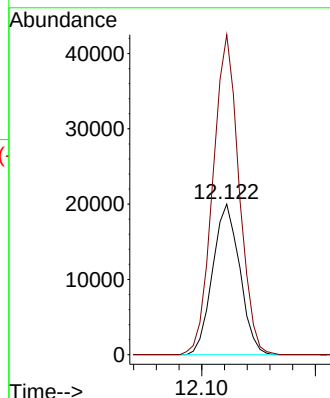
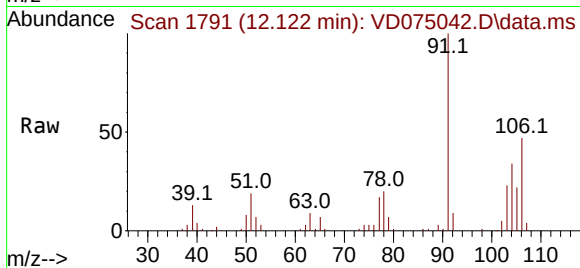
VSTDIC010

Tgt Ion:106 Resp: 33210

Ion Ratio Lower Upper

106 100

91 204.5 102.7 308.1



#70

Styrene

Concen: 10.903 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

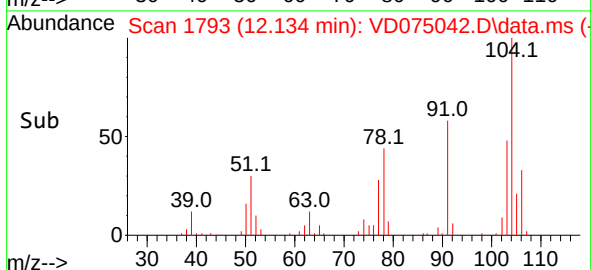
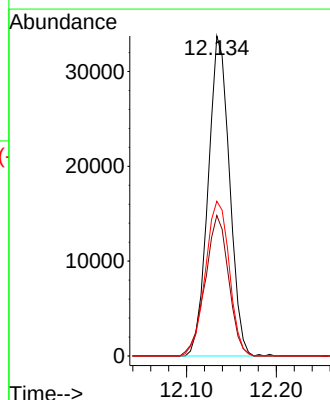
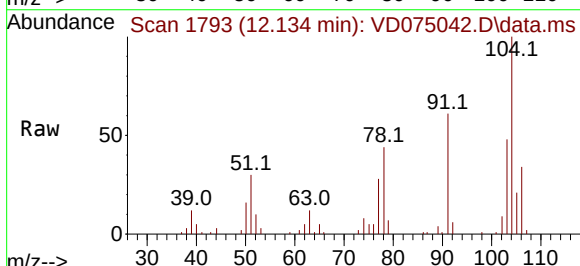
Tgt Ion:104 Resp: 55865

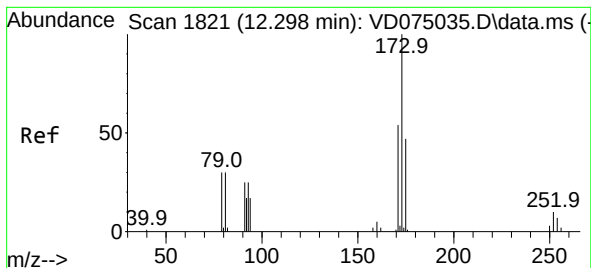
Ion Ratio Lower Upper

104 100

78 48.0 35.5 53.3

103 53.9 43.9 65.9





#71

Bromoform

Concen: 10.376 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

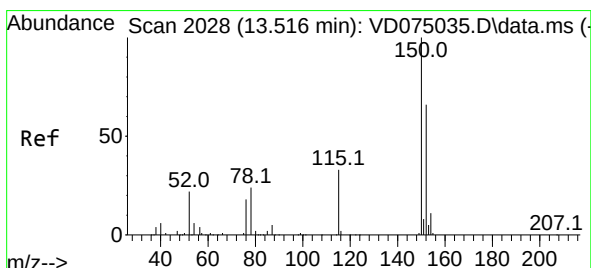
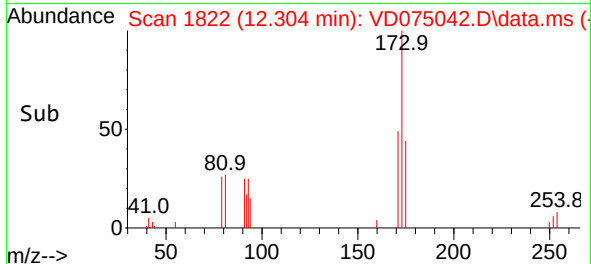
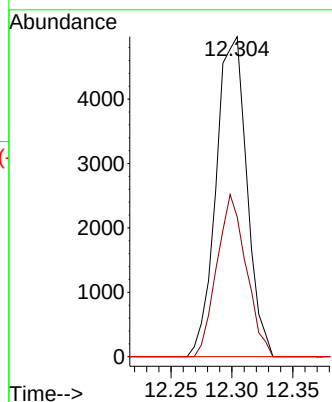
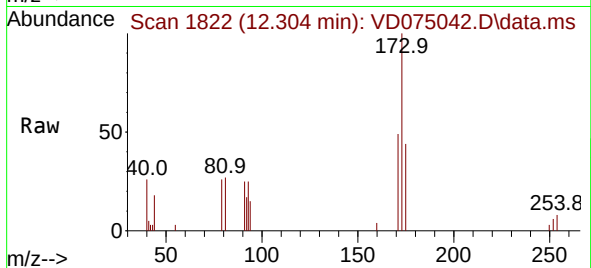
Tgt Ion:173 Resp: 8738

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

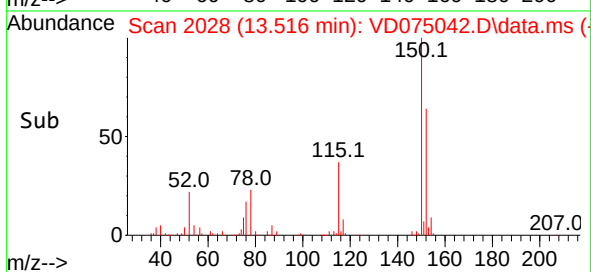
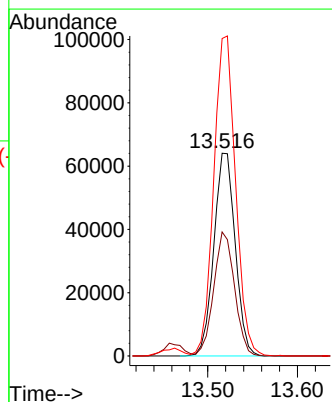
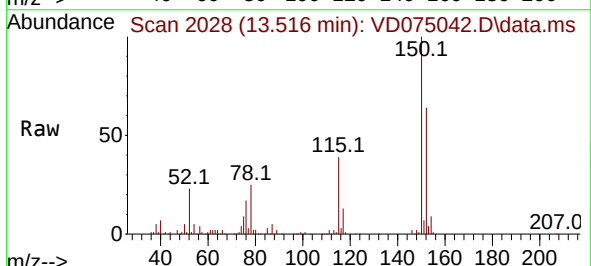
Tgt Ion:152 Resp: 105976

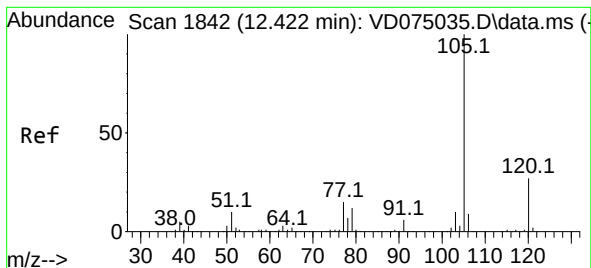
Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 161.1 0.0 354.2





#73

Isopropylbenzene

Concen: 10.695 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

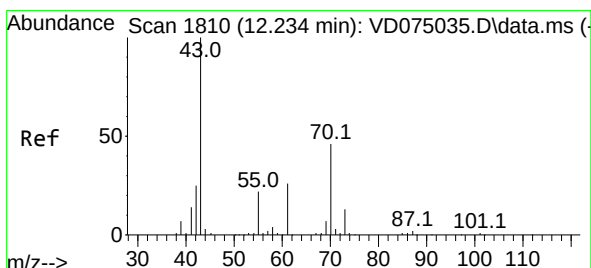
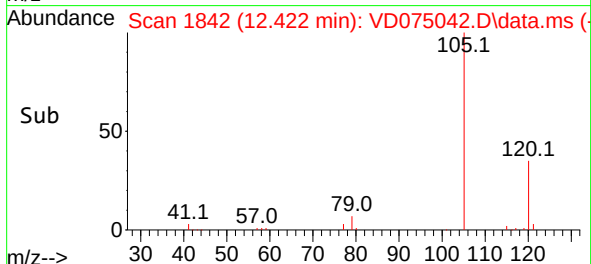
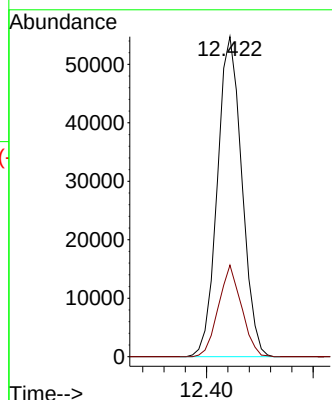
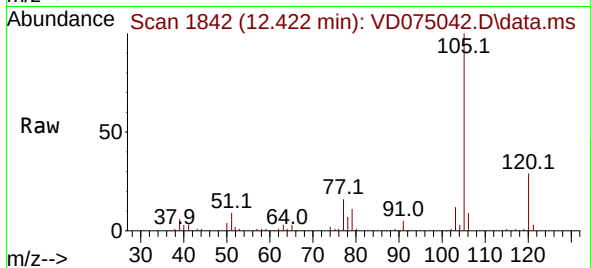
VSTDIC010

Tgt Ion:105 Resp: 87472

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 10.346 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Tgt Ion: 43 Resp: 21645

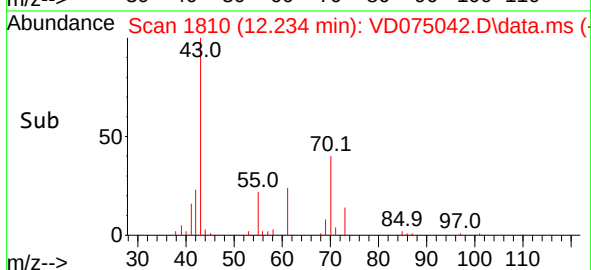
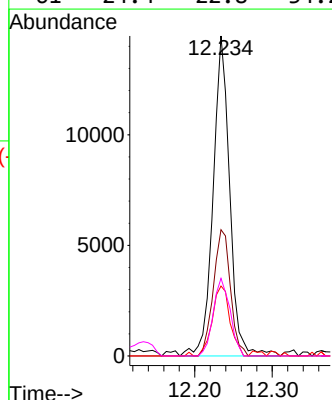
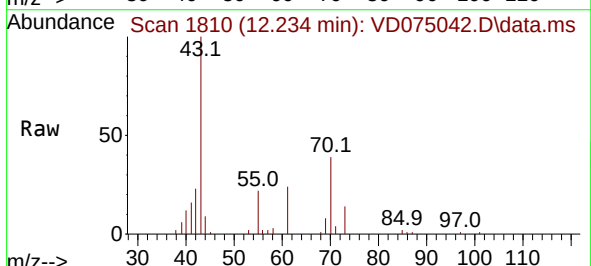
Ion Ratio Lower Upper

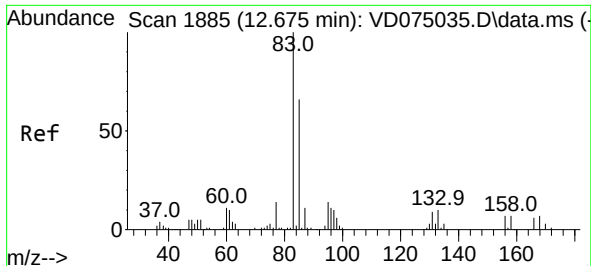
43 100

70 40.3 40.6 60.8

55 23.0 22.0 33.0

61 24.4 22.8 34.2

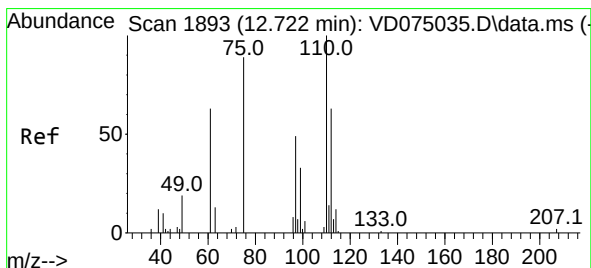
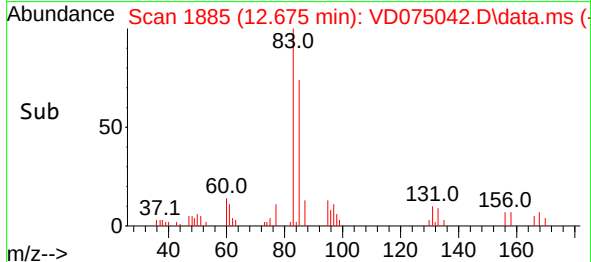
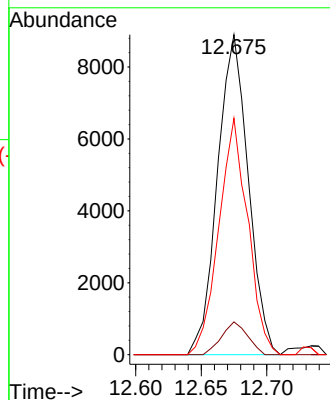
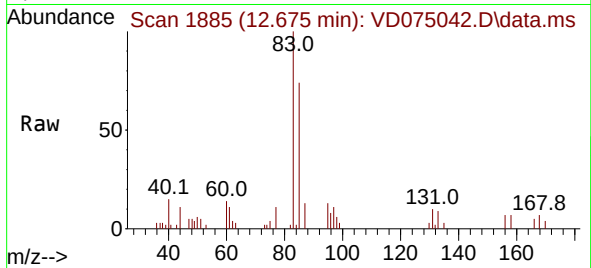




#75
1,1,2,2-Tetrachloroethane
Concen: 9.571 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

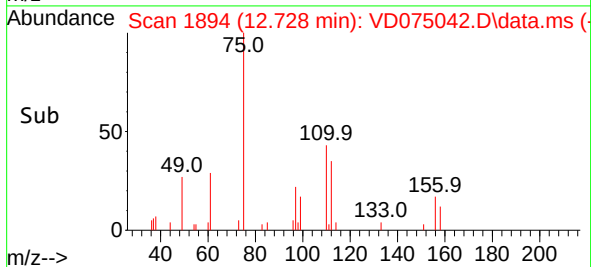
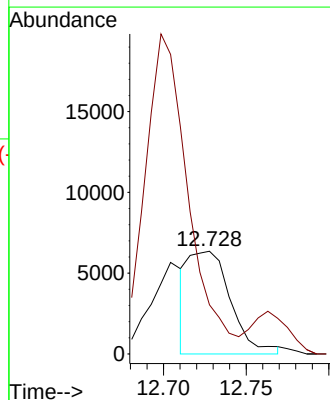
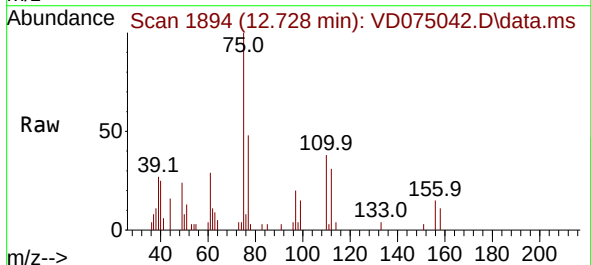
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

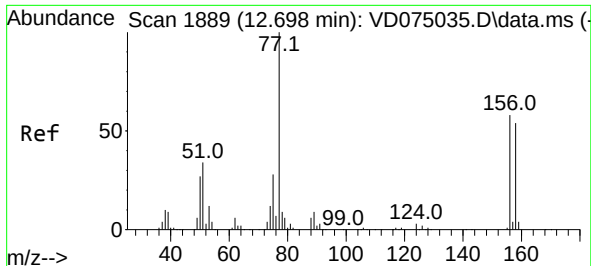
Tgt Ion: 83 Resp: 14517
Ion Ratio Lower Upper
83 100
131 8.6 4.9 14.6
85 69.6 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 10.156 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 75 Resp: 11371
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

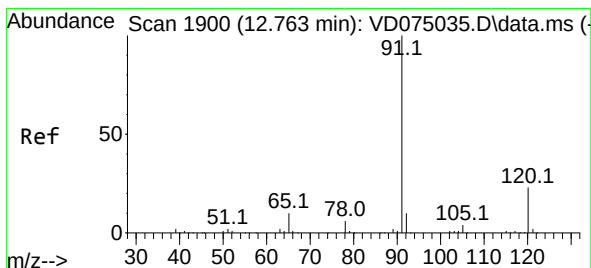
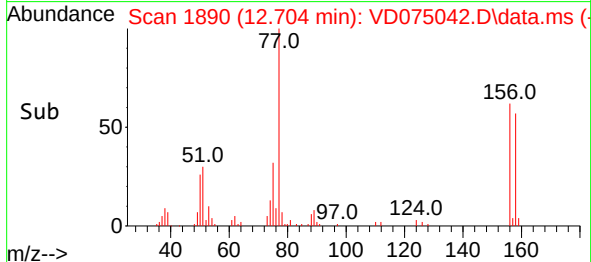
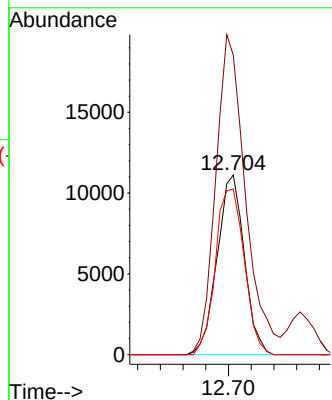
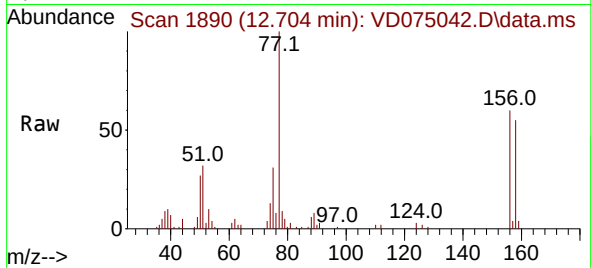




#77
Bromobenzene
Concen: 10.648 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

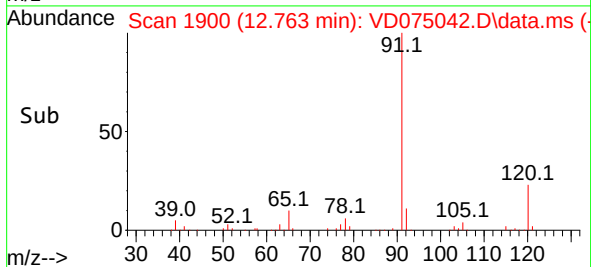
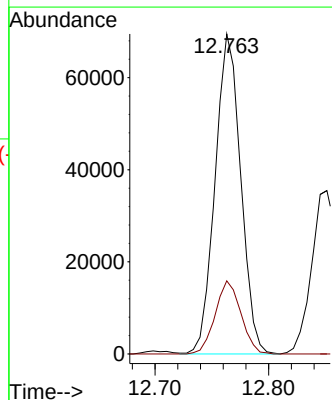
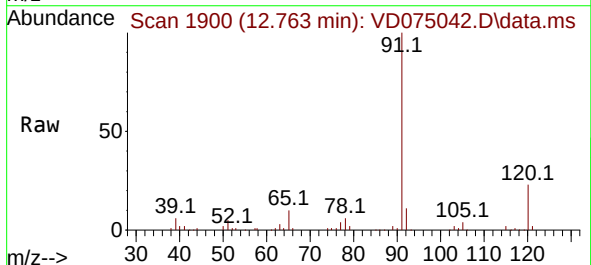
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

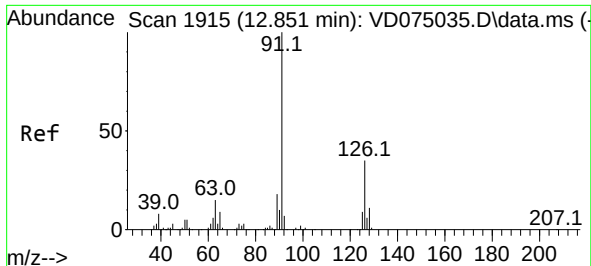
Tgt Ion:156 Resp: 18468
Ion Ratio Lower Upper
156 100
77 195.6 86.3 258.9
158 97.8 48.3 144.9



#78
n-propylbenzene
Concen: 10.863 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 91 Resp: 108898
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.7

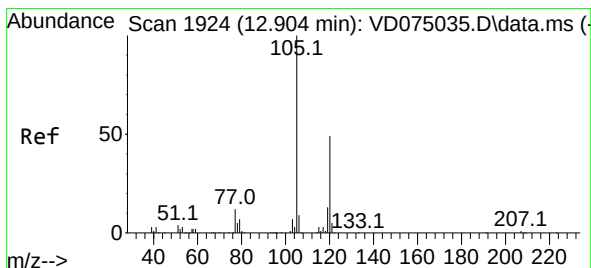
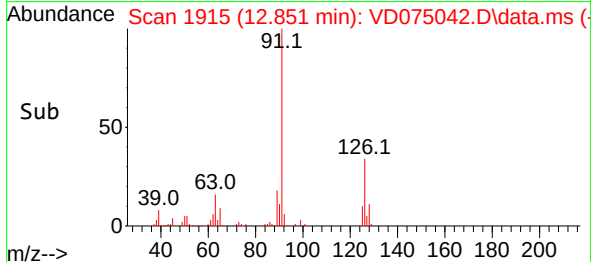
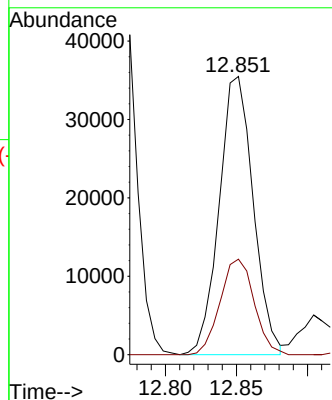
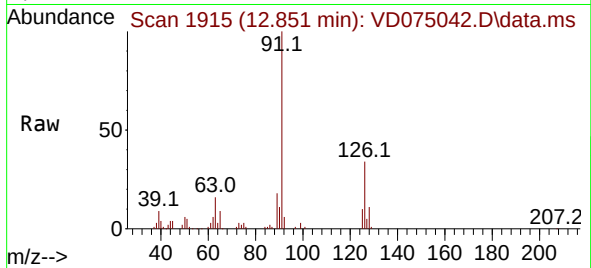




#79
2-Chlorotoluene
Concen: 10.820 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

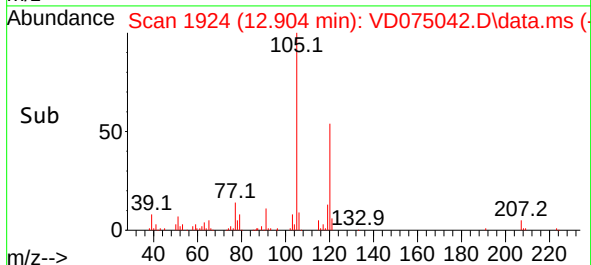
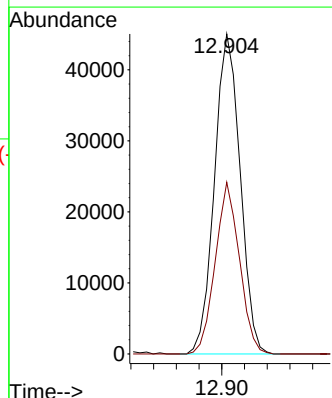
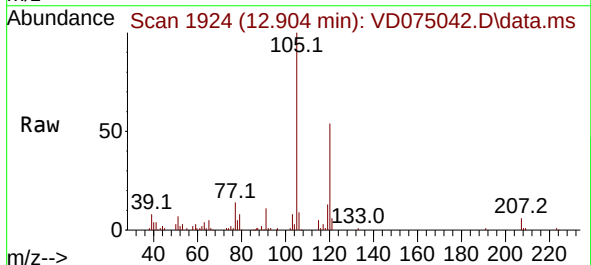
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

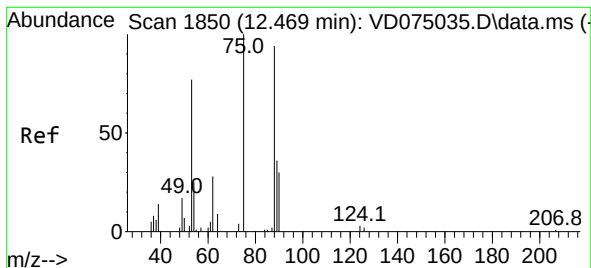
Tgt Ion: 91 Resp: 59358
Ion Ratio Lower Upper
91 100
126 34.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 10.721 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 105 Resp: 70741
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.3

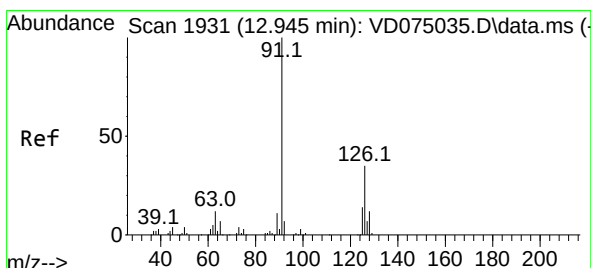
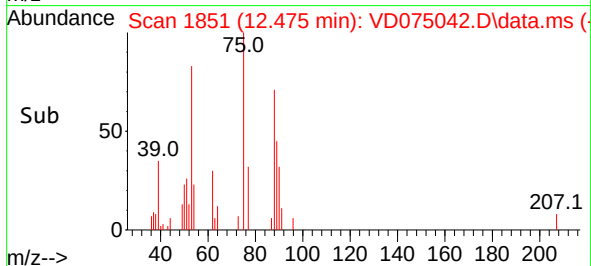
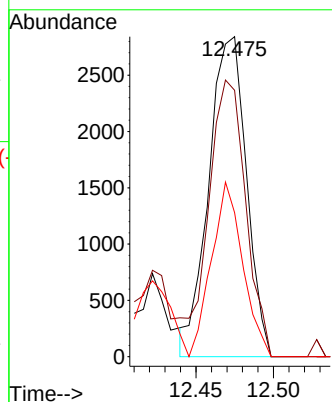
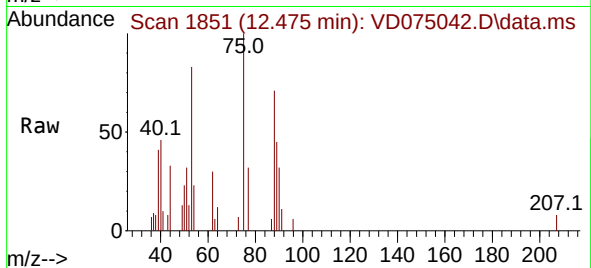




#81
trans-1,4-Dichloro-2-butene
Concen: 9.939 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

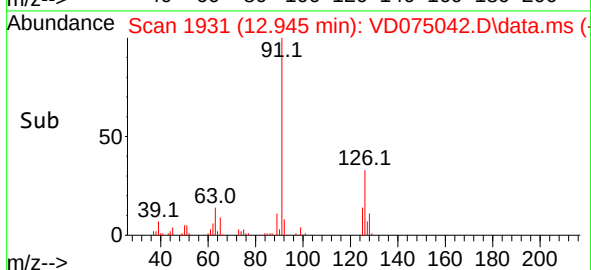
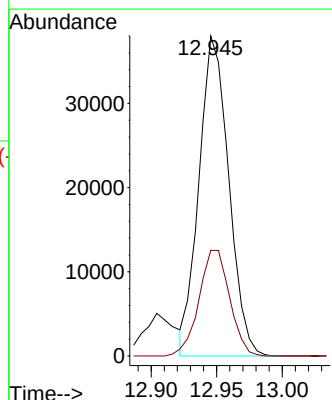
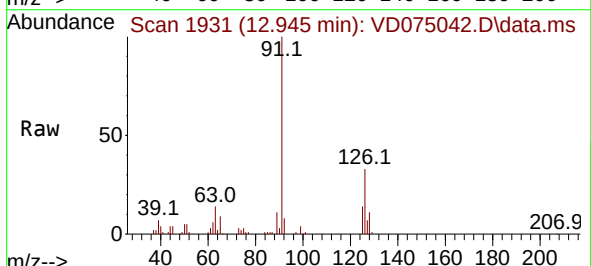
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

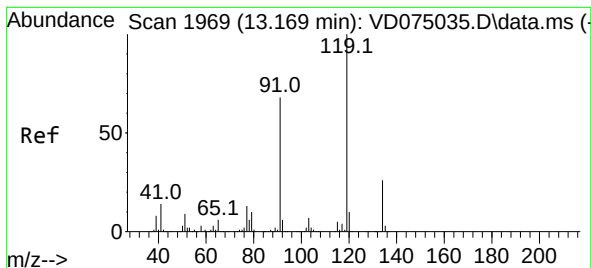
Tgt Ion: 75 Resp: 4792
Ion Ratio Lower Upper
75 100
53 83.3 60.0 90.0
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.526 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion: 91 Resp: 59961
Ion Ratio Lower Upper
91 100
126 34.2 18.1 54.1





#83

tert-Butylbenzene

Concen: 10.729 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

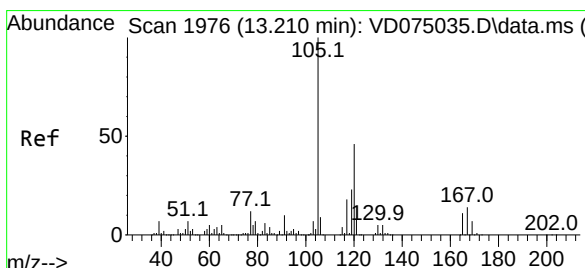
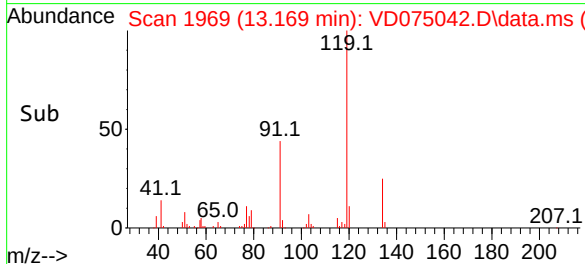
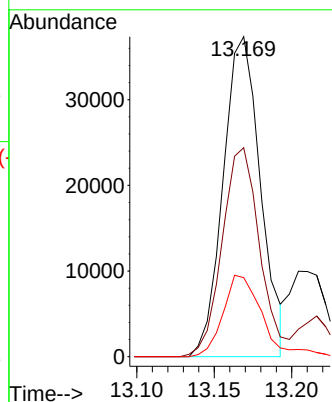
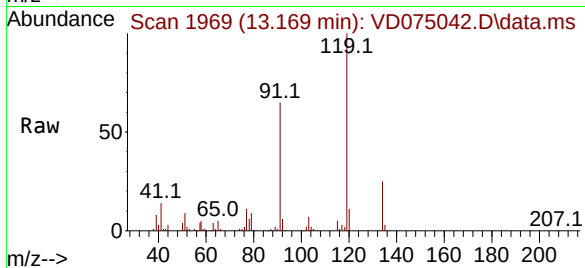
Tgt Ion:119 Resp: 62617

Ion Ratio Lower Upper

119 100

91 65.8 31.2 93.6

134 26.7 13.8 41.3



#84

1,2,4-Trimethylbenzene

Concen: 10.761 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD075042.D

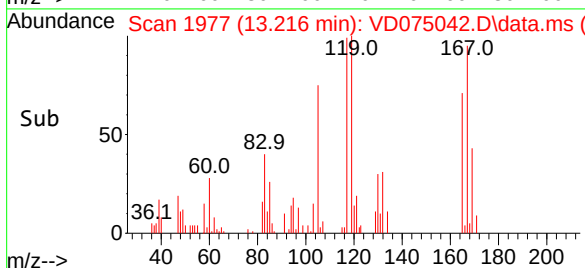
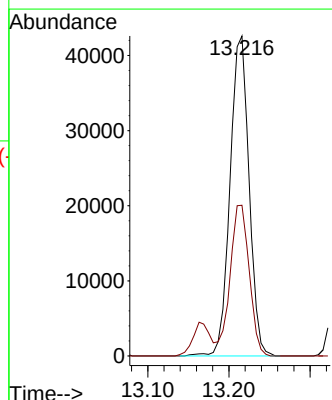
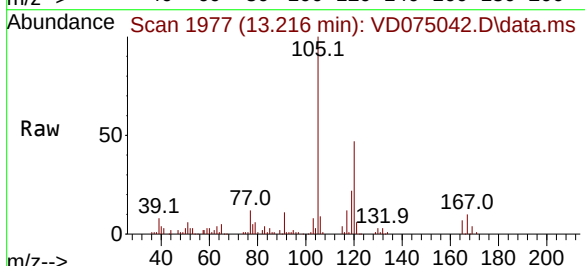
Acq: 22 Dec 2022 11:24

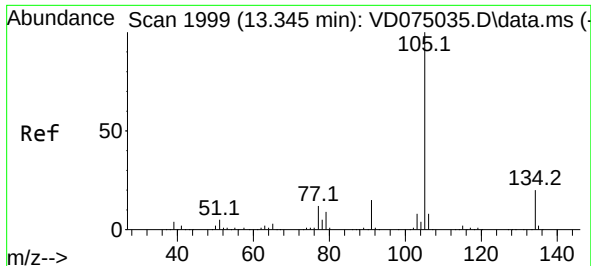
Tgt Ion:105 Resp: 69170

Ion Ratio Lower Upper

105 100

120 47.9 23.1 69.3

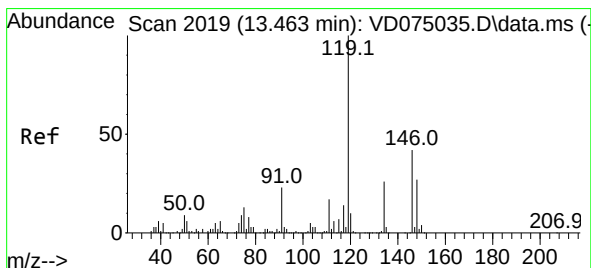
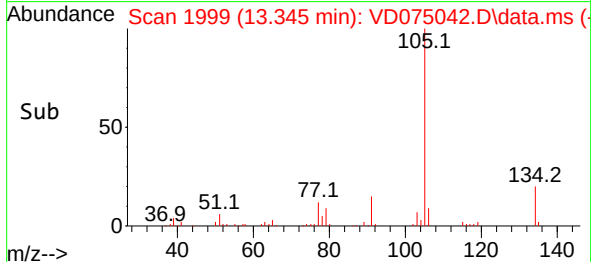
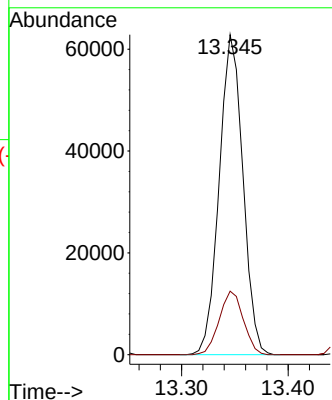
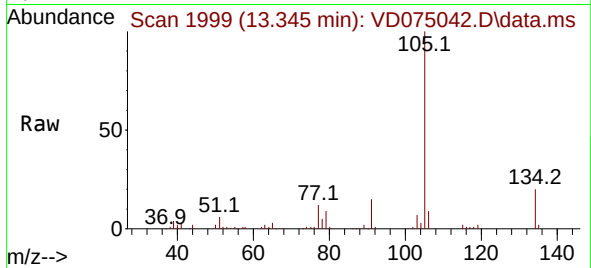




#85
 sec-Butylbenzene
 Concen: 10.853 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075042.D
 Acq: 22 Dec 2022 11:24

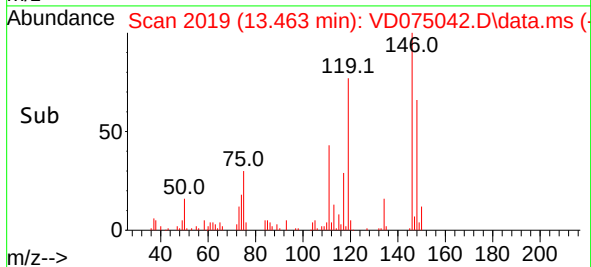
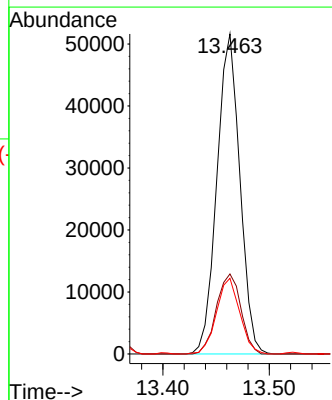
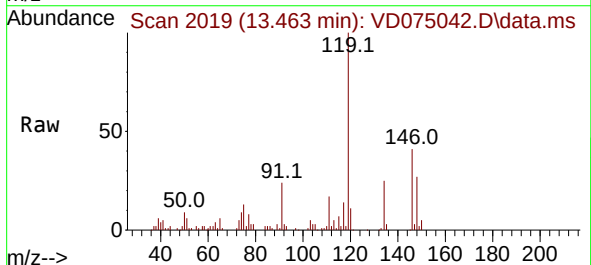
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

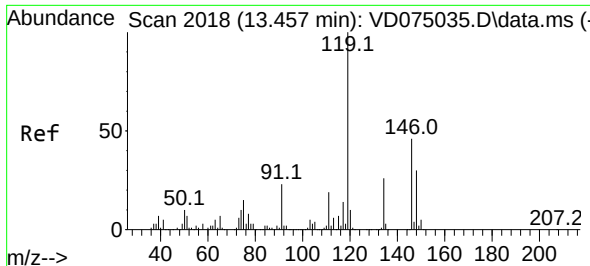
Tgt Ion:105 Resp: 96842
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 10.891 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075042.D
 Acq: 22 Dec 2022 11:24

Tgt Ion:119 Resp: 77158
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 24.0 11.1 33.1

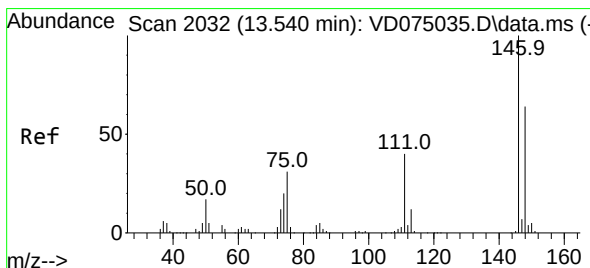
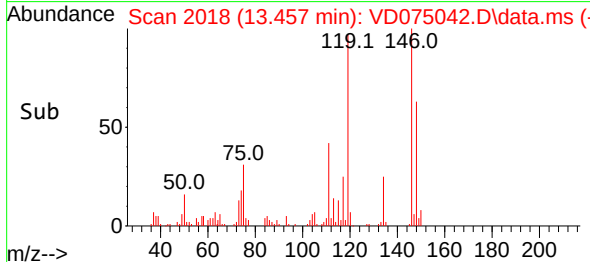
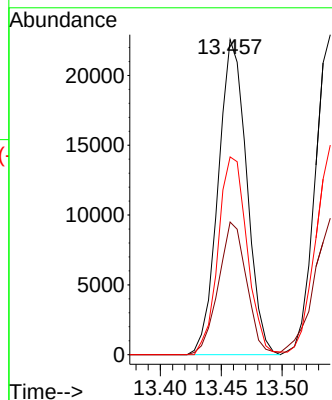
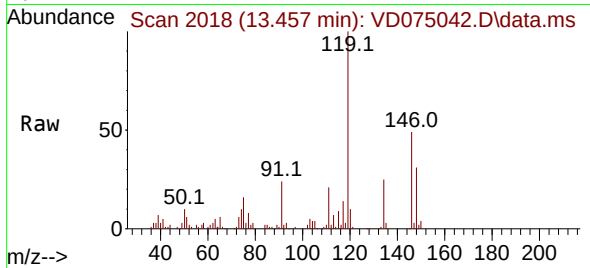




#87
1,3-Dichlorobenzene
Concen: 10.851 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

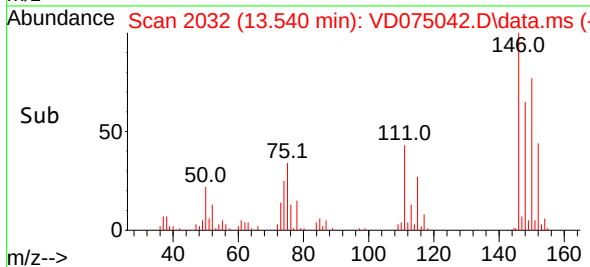
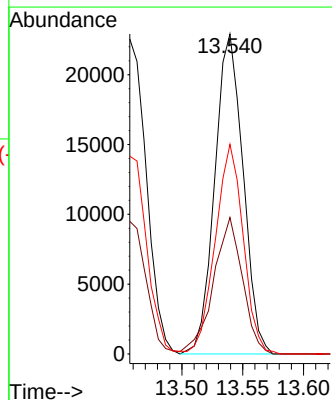
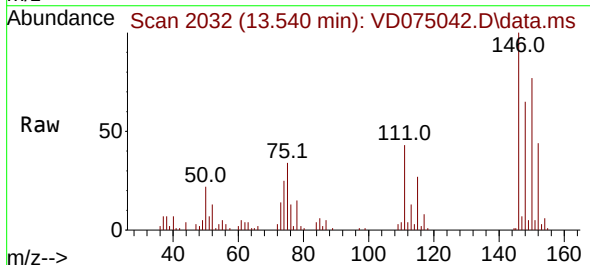
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

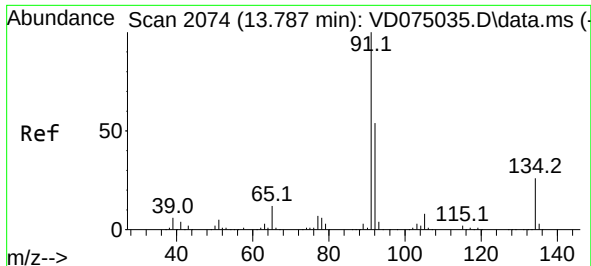
Tgt Ion:146 Resp: 36760
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.5
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 10.930 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:146 Resp: 37078
Ion Ratio Lower Upper
146 100
111 43.8 18.6 55.6
148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 10.879 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD075042.D

Acq: 22 Dec 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

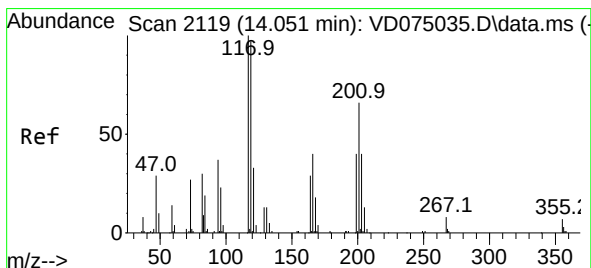
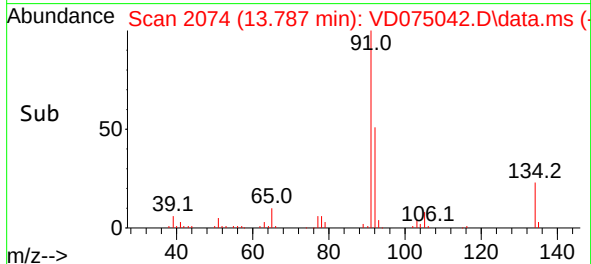
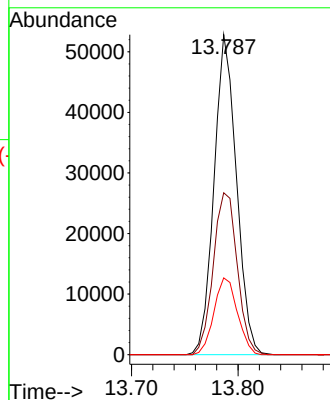
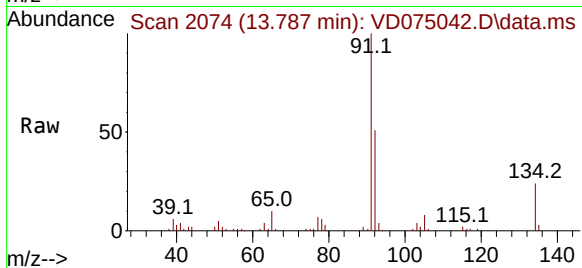
Tgt Ion: 91 Resp: 77226

Ion Ratio Lower Upper

91 100

92 54.2 26.8 80.3

134 25.1 13.3 39.8



#90

Hexachloroethane

Concen: 10.616 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD075042.D

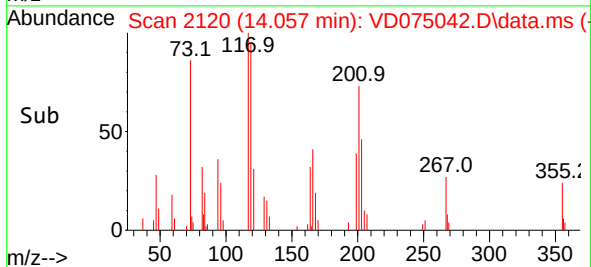
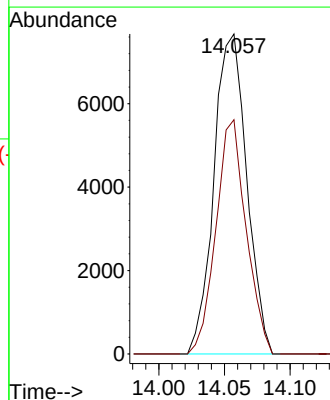
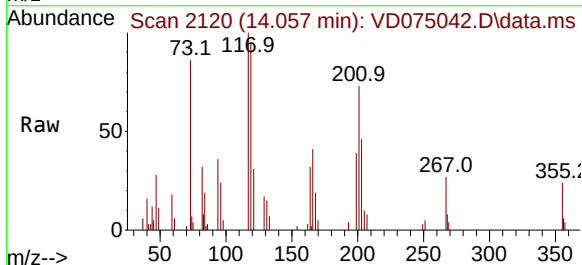
Acq: 22 Dec 2022 11:24

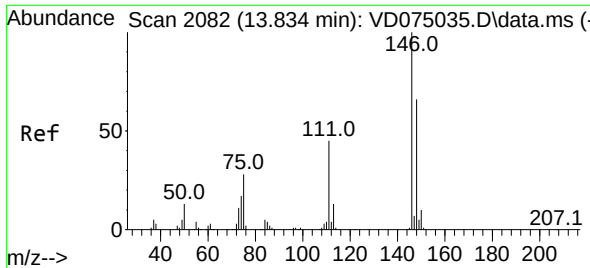
Tgt Ion: 117 Resp: 13348

Ion Ratio Lower Upper

117 100

201 67.4 35.1 105.3

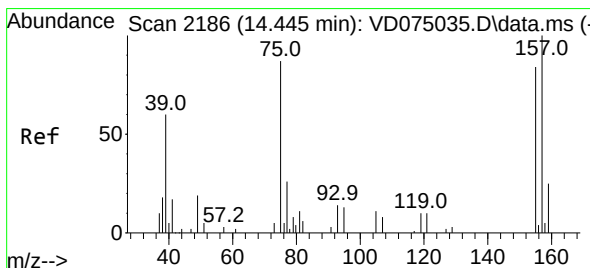
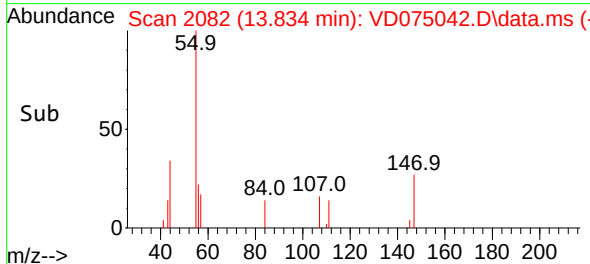
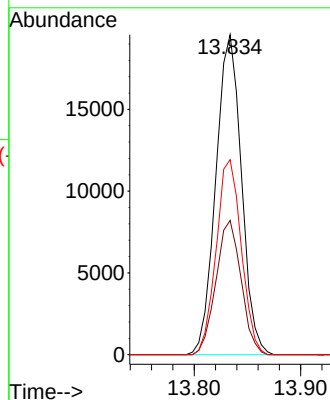
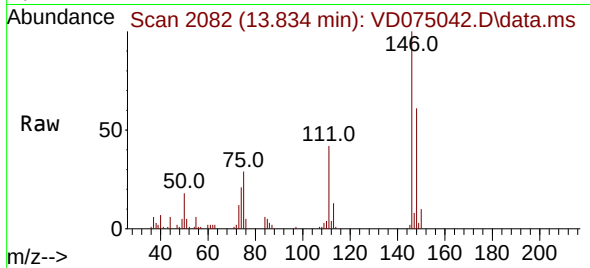




#91
1,2-Dichlorobenzene
Concen: 10.845 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

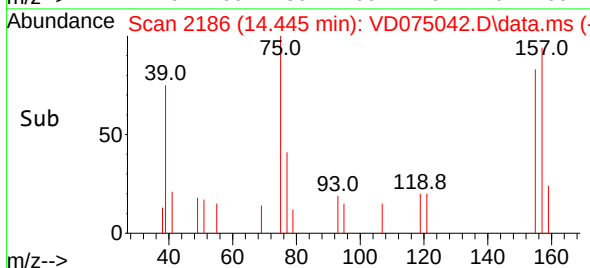
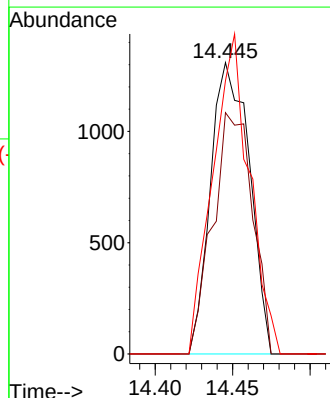
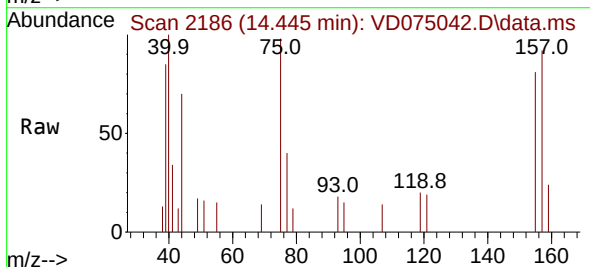
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

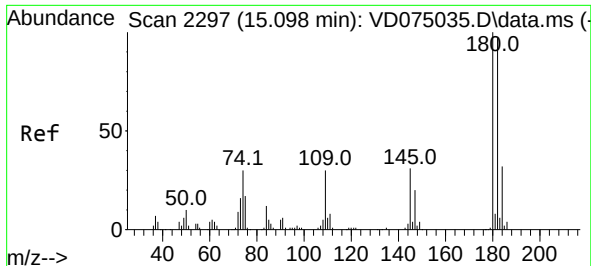
Tgt Ion:	146	Resp:	32617
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.9	59.7
148	59.8	31.9	95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.576 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:	75	Resp:	2276
Ion Ratio	Lower	Upper	
75	100		
155	85.0	47.1	141.4
157	104.1	56.7	170.1

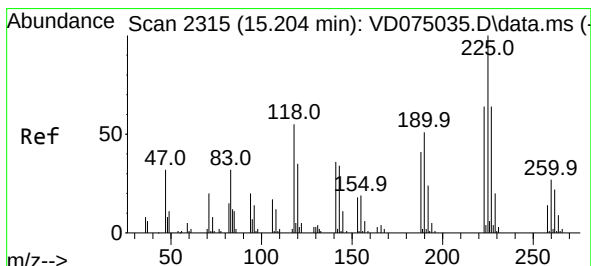
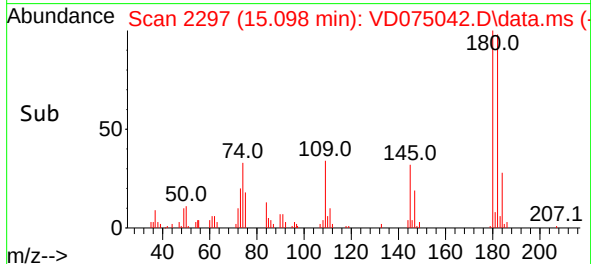
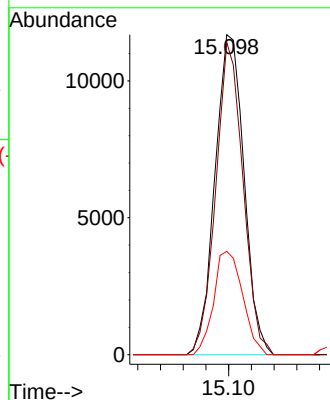
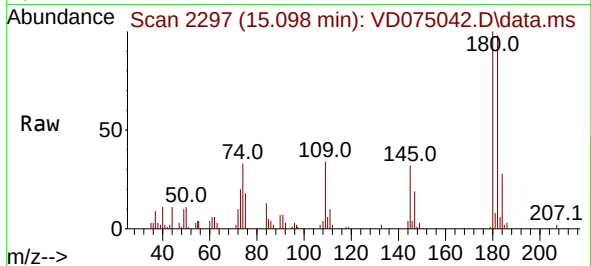




#93
1,2,4-Trichlorobenzene
Concen: 10.771 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

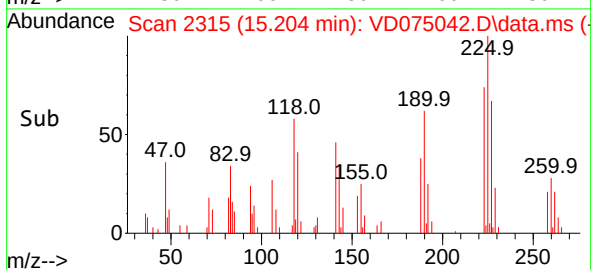
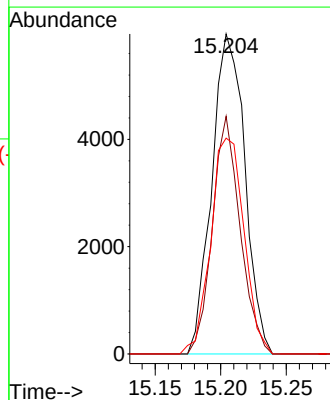
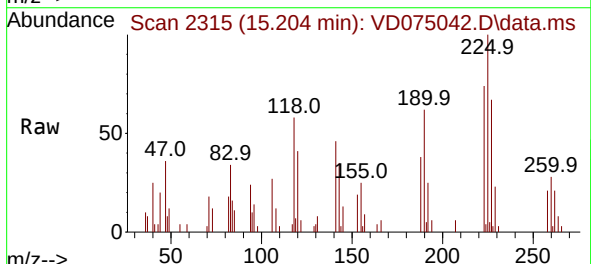
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

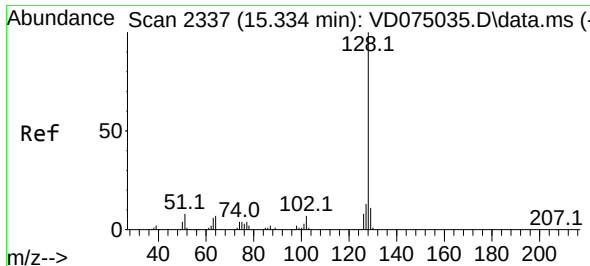
Tgt Ion:180 Resp: 20707
Ion Ratio Lower Upper
180 100
182 91.6 48.5 145.5
145 32.2 14.9 44.5



#94
Hexachlorobutadiene
Concen: 10.805 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:225 Resp: 10427
Ion Ratio Lower Upper
225 100
223 62.5 31.0 93.0
227 67.9 31.0 93.0

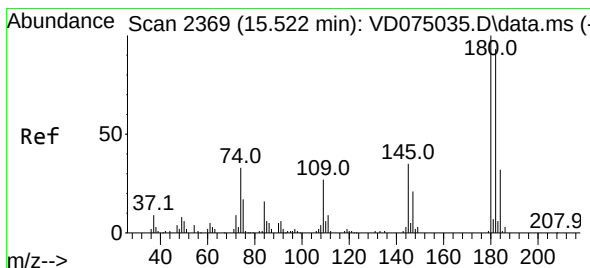
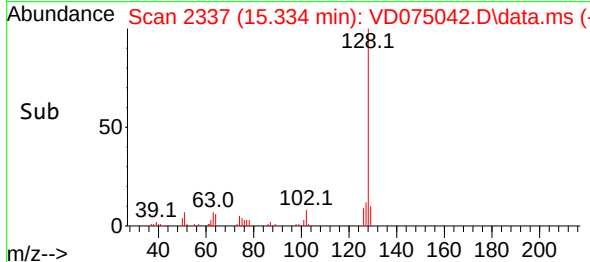
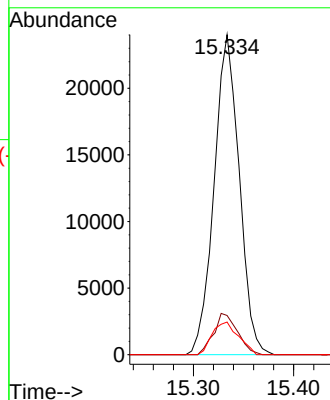
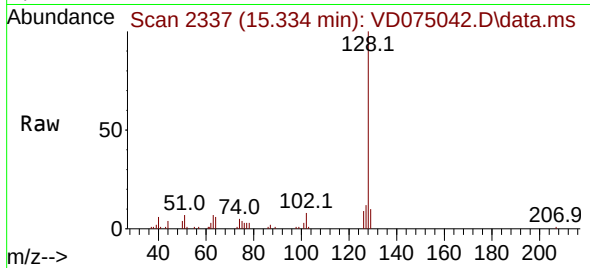




#95
Naphthalene
Concen: 10.188 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128	Resp:	41791
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.6 16.0
129	10.7	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.488 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075042.D
Acq: 22 Dec 2022 11:24

Tgt Ion:180	Resp:	17504
Ion Ratio	Lower	Upper
180	100	
182	91.2	46.3 138.9
145	33.8	15.3 45.9

