

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\Not Reviewed Data\
 Data File : VD075043.D
 Acq On : 22 Dec 2022 11:52
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 23 06:05:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31526	20.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.020%#
35) Dibromofluoromethane	7.805	113	34370	20.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.240%#
50) Toluene-d8	10.269	98	137964	20.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.960%#
62) 4-Bromofluorobenzene	12.575	95	44606	20.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	20424	24.784	ug/l	94
3) Chloromethane	2.146	50	35527	25.059	ug/l	95
4) Vinyl Chloride	2.275	62	31119	23.275	ug/l	96
5) Bromomethane	2.675	94	14266	22.117	ug/l	96
6) Chloroethane	2.828	64	18192	21.491	ug/l	96
7) Trichlorofluoromethane	3.169	101	43460	21.181	ug/l	96
8) Diethyl Ether	3.587	74	16092	20.453	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.964	101	29038	20.087	ug/l	96
10) Methyl Iodide	4.158	142	25242	20.341	ug/l	98
11) Tert butyl alcohol	5.058	59	15257	119.367	ug/l	98
12) 1,1-Dichloroethene	3.928	96	30732	22.001	ug/l	94
13) Acrolein	3.793	56	21480	113.221	ug/l	97
14) Allyl chloride	4.558	41	50578	20.809	ug/l #	91
15) Acrylonitrile	5.252	53	40611	101.935	ug/l	100
16) Acetone	4.022	43	35014	85.550	ug/l	99
17) Carbon Disulfide	4.264	76	74300	26.613	ug/l #	95
18) Methyl Acetate	4.558	43	24265	22.864	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	73984	19.941	ug/l	94
20) Methylene Chloride	4.799	84	45338	21.072	ug/l #	78
21) trans-1,2-Dichloroethene	5.305	96	33774	21.787	ug/l	89
22) Diisopropyl ether	6.216	45	104306	19.922	ug/l #	91
23) Vinyl Acetate	6.158	43	217522	89.593	ug/l	93
24) 1,1-Dichloroethane	6.110	63	62274	20.364	ug/l	99
25) 2-Butanone	7.081	43	52828	96.724	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	55972	20.489	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	39556	20.228	ug/l	87
28) Bromochloromethane	7.422	49	22602	21.351	ug/l #	74
29) Tetrahydrofuran	7.446	42	31831	101.090	ug/l #	83
30) Chloroform	7.599	83	60318	20.200	ug/l	97
31) Cyclohexane	7.875	56	56244	23.301	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	53706	20.785	ug/l	95
36) 1,1-Dichloropropene	8.010	75	46633	21.656	ug/l	98
37) Ethyl Acetate	7.169	43	22327	20.526	ug/l	97
38) Carbon Tetrachloride	7.993	117	39466	21.195	ug/l	91
39) Methylcyclohexane	9.269	83	58719	22.453	ug/l	92
40) Benzene	8.252	78	138919	21.190	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13190	19.489	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	35035	20.946	ug/l	98
43) Isopropyl Acetate	8.363	43	44250	20.221	ug/l	92
44) Trichloroethene	9.022	130	38024	21.058	ug/l	95
45) 1,2-Dichloropropane	9.304	63	35764	20.367	ug/l	99
46) Dibromomethane	9.393	93	17947	20.550	ug/l	99
47) Bromodichloromethane	9.587	83	45742	20.112	ug/l	97
48) Methyl methacrylate	9.381	41	20897	21.023	ug/l #	83
49) 1,4-Dioxane	9.381	88	4491	408.052	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	109512	101.305	ug/l	91
52) Toluene	10.334	92	86273	20.665	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	44872	20.278	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	55643	20.867	ug/l #	83
55) 1,1,2-Trichloroethane	10.734	97	25918	20.267	ug/l	98
56) Ethyl methacrylate	10.598	69	34150	20.287	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	43795	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	71216	103.067	ug/l	93
59) 2-Hexanone	10.922	43	78003	99.227	ug/l	92
60) Dibromochloromethane	11.075	129	29625	20.221	ug/l	99
61) 1,2-Dibromoethane	11.181	107	24587	21.445	ug/l	94
64) Tetrachloroethene	10.810	164	29928	20.908	ug/l	94
65) Chlorobenzene	11.610	112	92583	20.730	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	31217	20.184	ug/l	98
67) Ethyl Benzene	11.687	91	171435	20.973	ug/l	100
68) m/p-Xylenes	11.793	106	129050	41.640	ug/l	100
69) o-Xylene	12.122	106	61468	20.618	ug/l	98
70) Styrene	12.134	104	103442	20.638	ug/l	97
71) Bromoform	12.298	173	16944	20.192	ug/l #	99
73) Isopropylbenzene	12.422	105	162970	20.377	ug/l	99
74) N-amyl acetate	12.234	43	40725	20.062	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	28609	20.061	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36277	33.917	ug/l #	100
77) Bromobenzene	12.698	156	34305	20.095	ug/l	92
78) n-propylbenzene	12.763	91	198085	20.221	ug/l	99
79) 2-Chlorotoluene	12.851	91	107249	20.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	129708	20.111	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	8986	19.472	ug/l	94
82) 4-Chlorotoluene	12.945	91	110627	20.260	ug/l	95
83) tert-Butylbenzene	13.169	119	115621	20.250	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	126345	20.140	ug/l	100
85) sec-Butylbenzene	13.345	105	177185	20.212	ug/l	100
86) p-Isopropyltoluene	13.463	119	139150	19.898	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	67041	20.099	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	67549	20.274	ug/l	96
89) n-Butylbenzene	13.787	91	141349	20.237	ug/l	99
90) Hexachloroethane	14.057	117	25013	20.128	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	59811	20.294	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4098	18.700	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	36807	19.006	ug/l	97
94) Hexachlorobutadiene	15.204	225	18636	19.250	ug/l	97
95) Naphthalene	15.334	128	80257	19.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	32511	19.561	ug/l	98

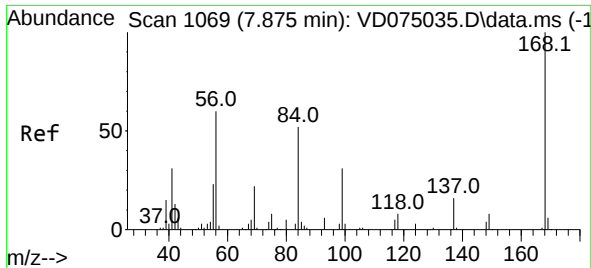
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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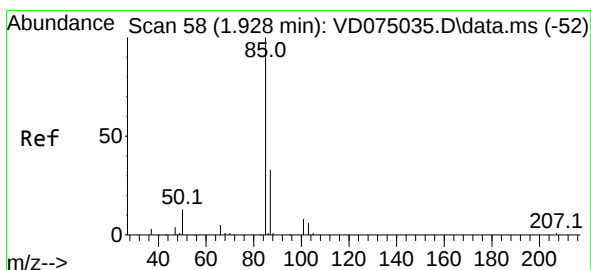
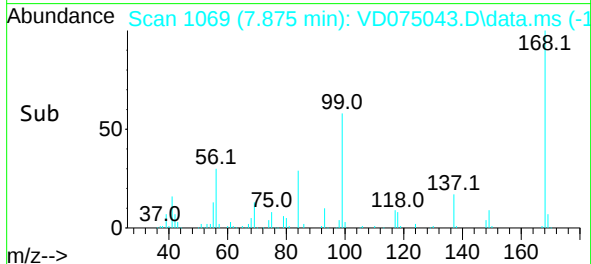
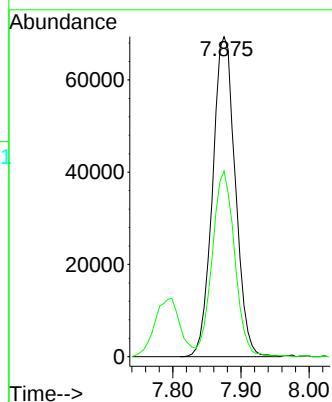
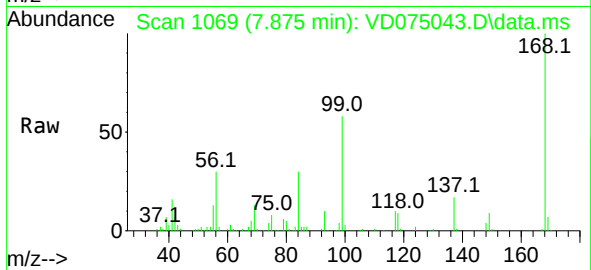
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075043.D
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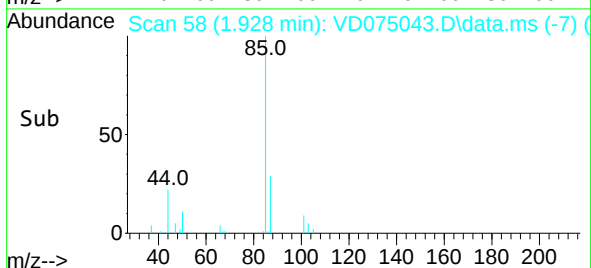
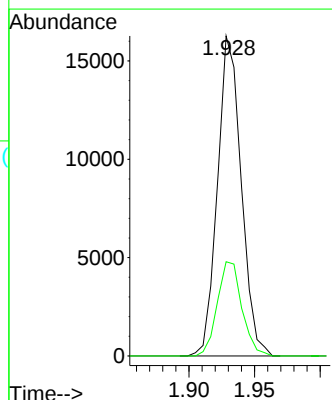
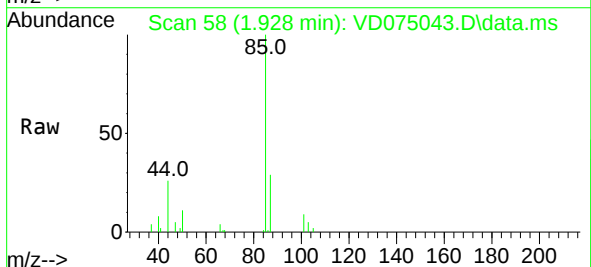
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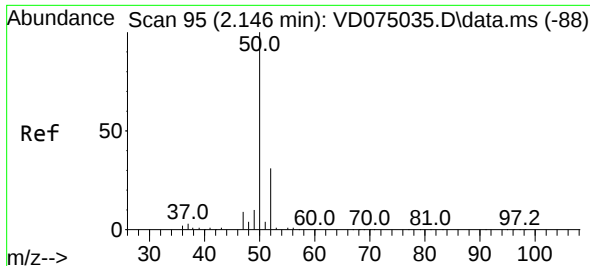
Tgt Ion:168 Resp: 161217
Ion Ratio Lower Upper
168 100
99 57.6 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 24.784 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 85 Resp: 20424
Ion Ratio Lower Upper
85 100
87 29.4 16.5 49.5

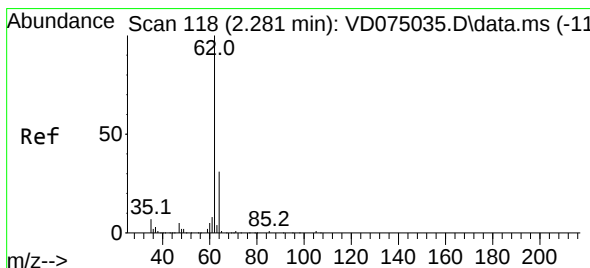
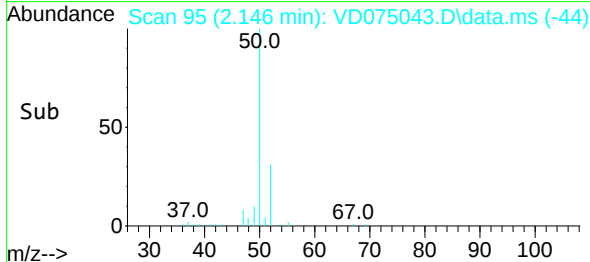
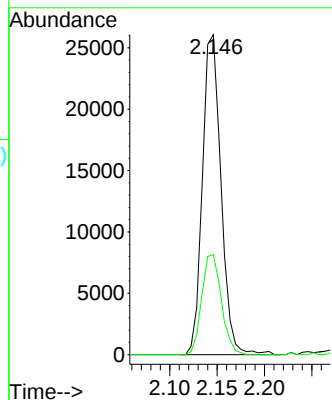
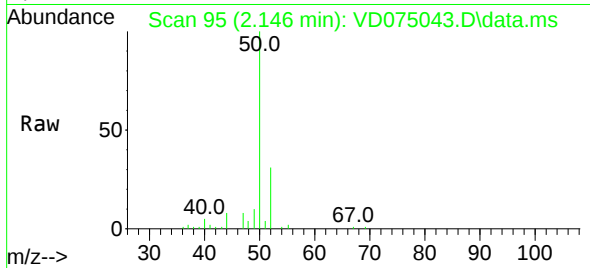




#3
Chloromethane
Concen: 25.059 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

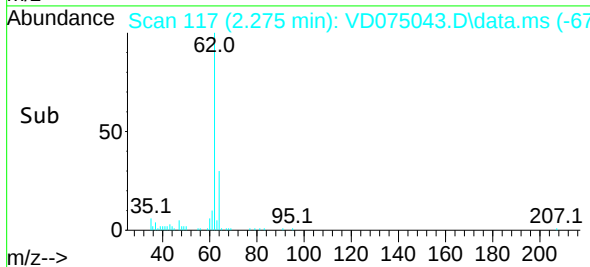
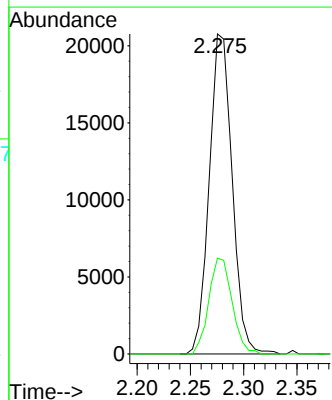
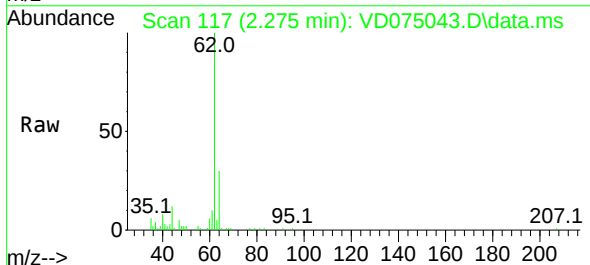
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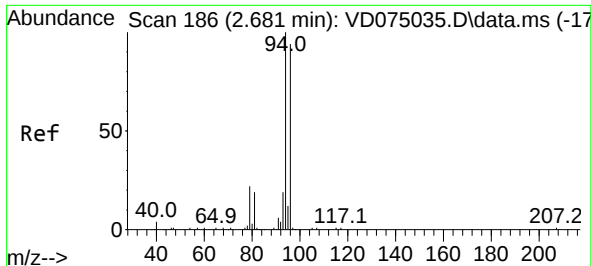
Tgt Ion: 50 Resp: 35527
Ion Ratio Lower Upper
50 100
52 31.3 27.2 40.8



#4
Vinyl Chloride
Concen: 23.275 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 62 Resp: 31119
Ion Ratio Lower Upper
62 100
64 29.9 25.8 38.6

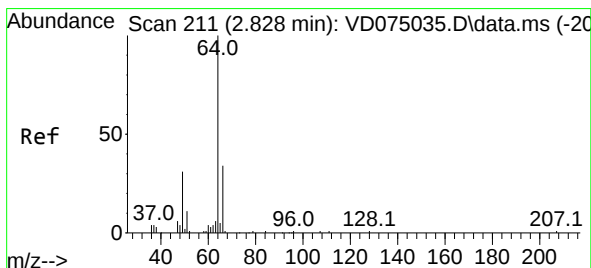
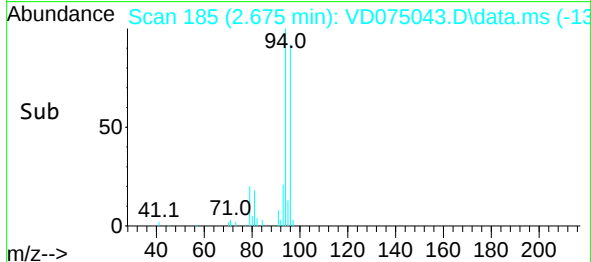
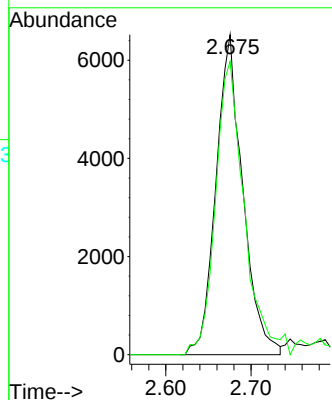
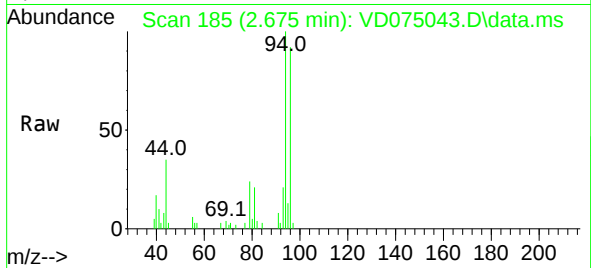




#5
Bromomethane
Concen: 22.117 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

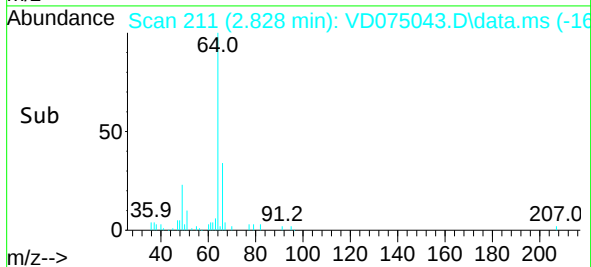
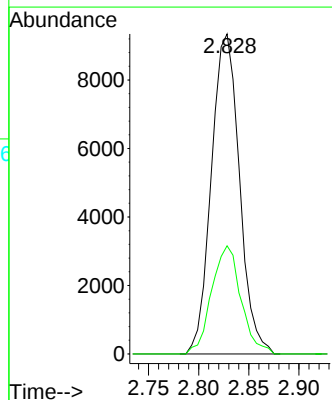
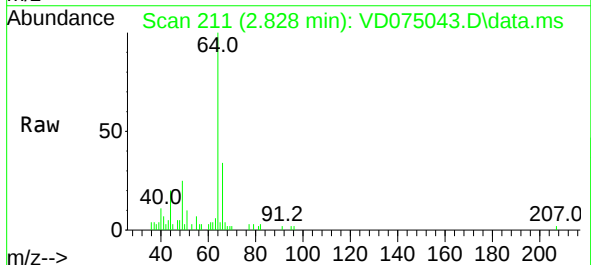
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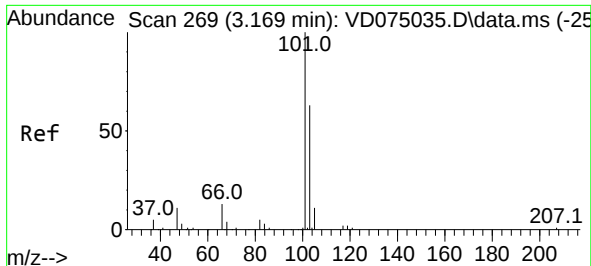
Tgt Ion: 94 Resp: 14266
Ion Ratio Lower Upper
94 100
96 98.0 75.2 112.8



#6
Chloroethane
Concen: 21.491 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 64 Resp: 18192
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

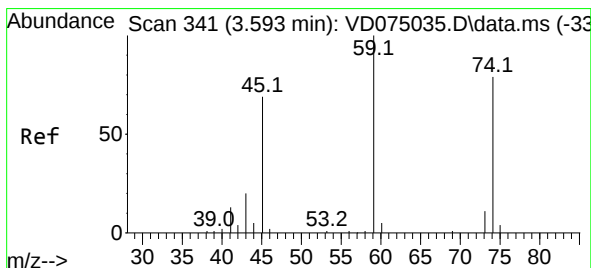
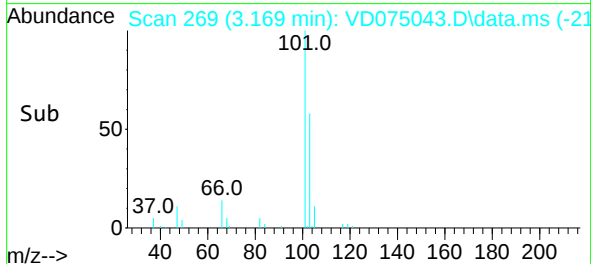
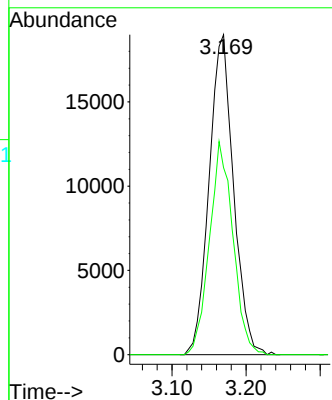
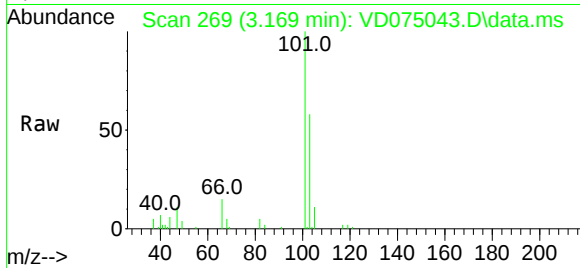




#7
 Trichlorofluoromethane
 Concen: 21.181 ug/l
 RT: 3.169 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

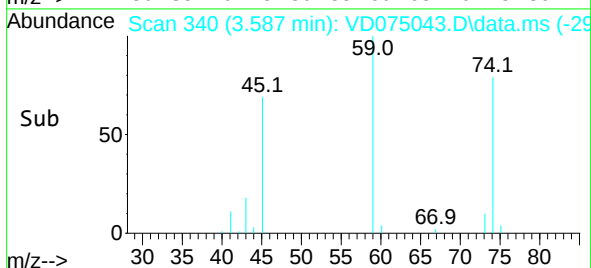
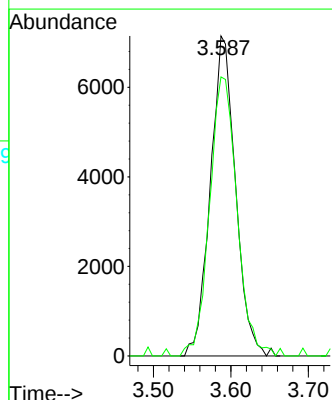
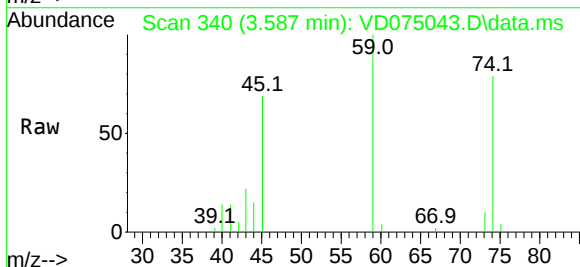
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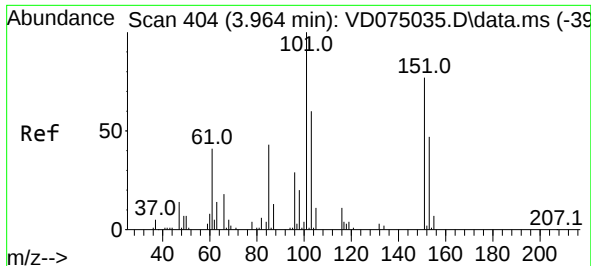
Tgt Ion:101 Resp: 43460
 Ion Ratio Lower Upper
 101 100
 103 58.4 49.1 73.7



#8
 Diethyl Ether
 Concen: 20.453 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion: 74 Resp: 16092
 Ion Ratio Lower Upper
 74 100
 45 95.3 40.2 120.5

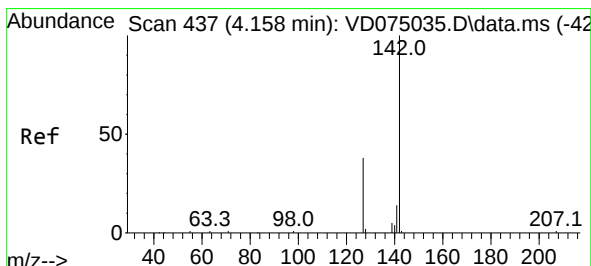
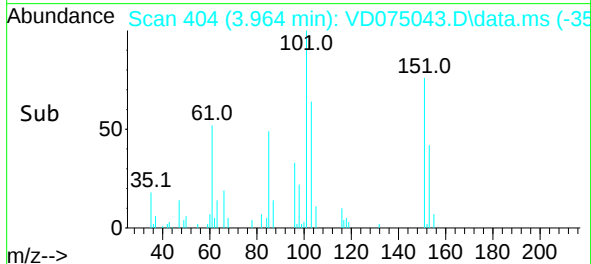
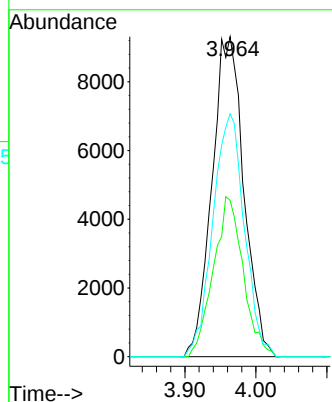
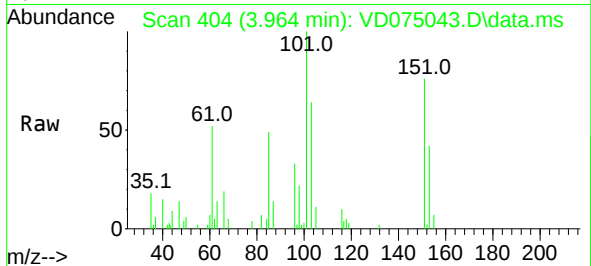




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.087 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
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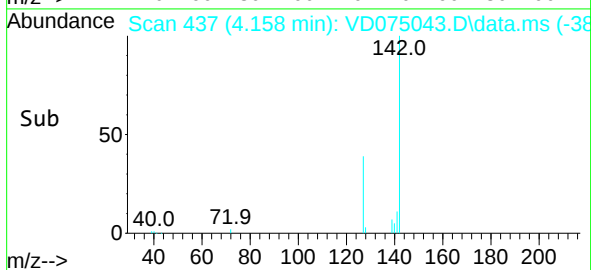
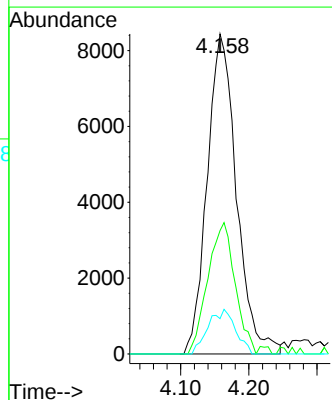
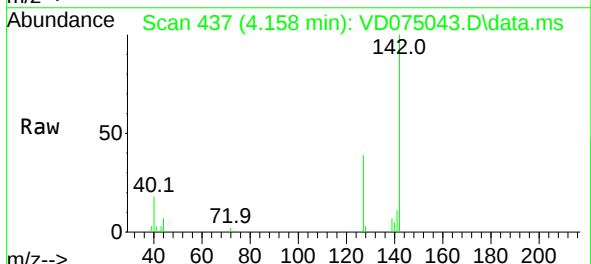
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

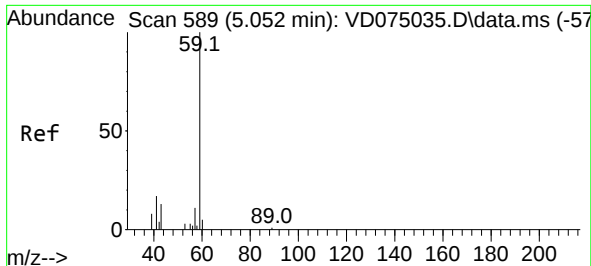
Tgt Ion:	101	Resp:	29038
Ion	Ratio	Lower	Upper
101	100		
85	46.6	33.4	50.0
151	74.9	58.9	88.3



#10
Methyl Iodide
Concen: 20.341 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:	142	Resp:	25242
Ion	Ratio	Lower	Upper
142	100		
127	38.3	31.4	47.2
141	13.0	11.4	17.2

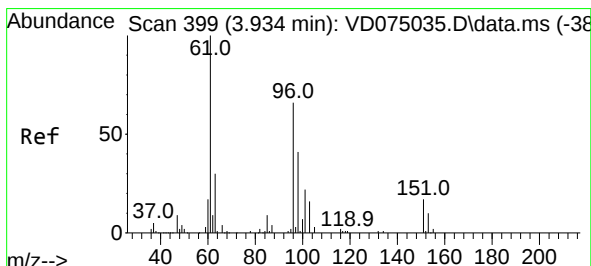
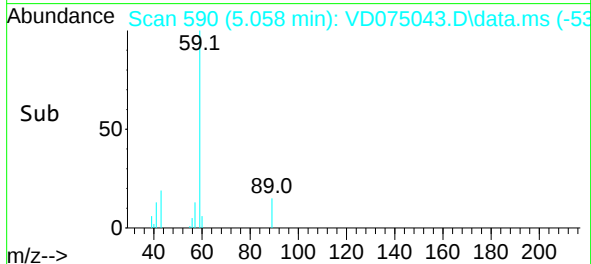
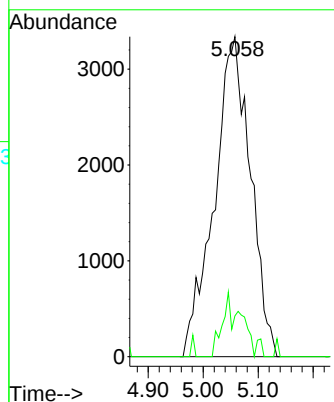
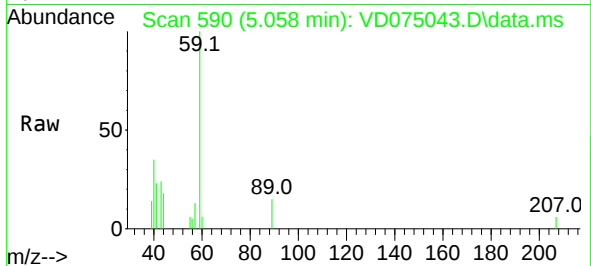




#11
Tert butyl alcohol
Concen: 119.367 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

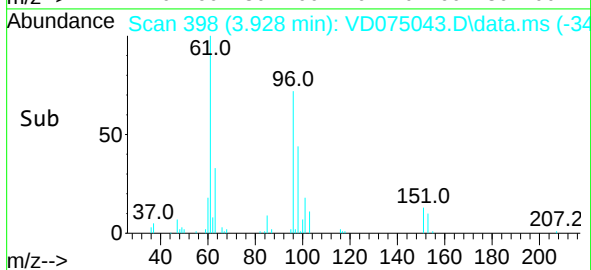
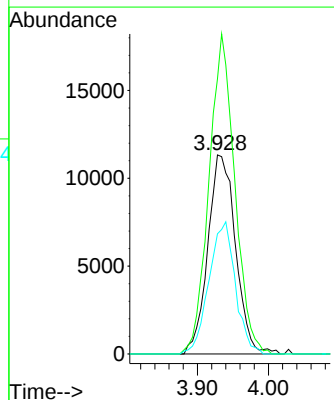
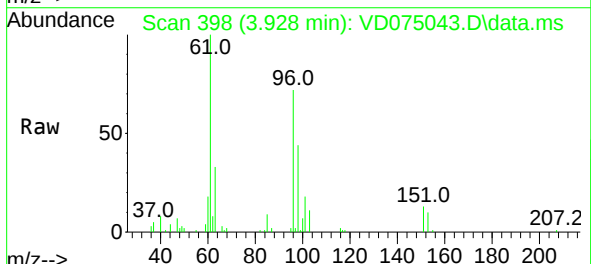
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

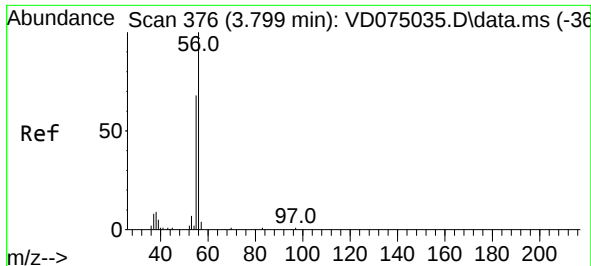
Tgt Ion: 59 Resp: 15257
Ion Ratio Lower Upper
59 100
57 6.0 4.3 6.5



#12
1,1-Dichloroethene
Concen: 22.001 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 96 Resp: 30732
Ion Ratio Lower Upper
96 100
61 138.2 104.9 157.3
98 60.4 51.8 77.8





#13

Acrolein

Concen: 113.221 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

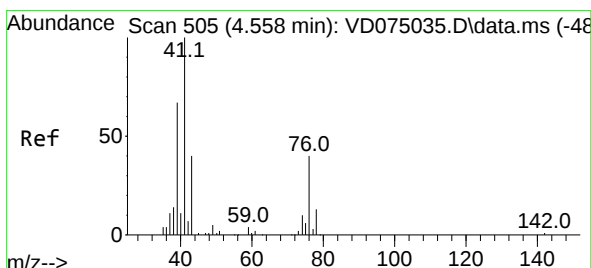
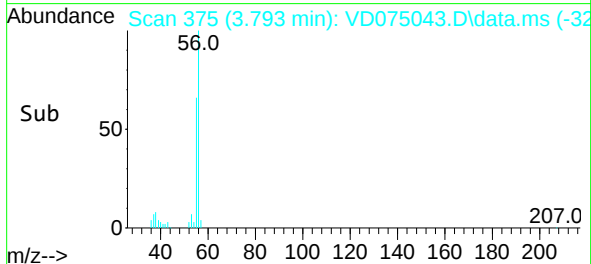
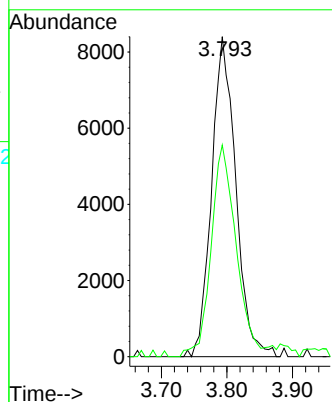
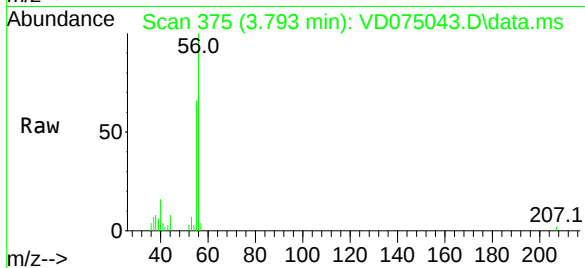
VSTDICC020

Tgt Ion: 56 Resp: 21480

Ion Ratio Lower Upper

56 100

55 68.5 56.6 84.8



#14

Allyl chloride

Concen: 20.809 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

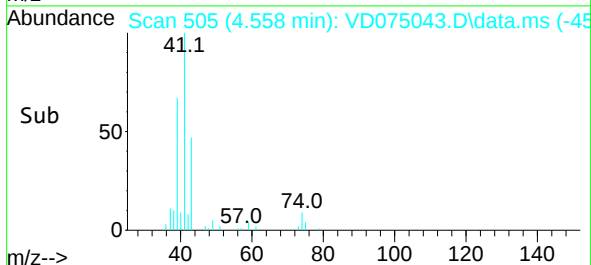
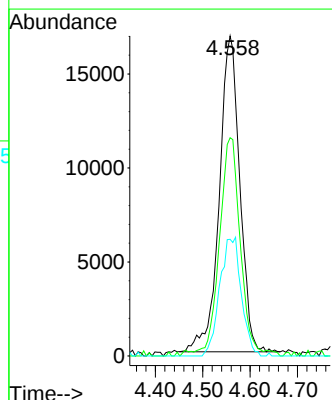
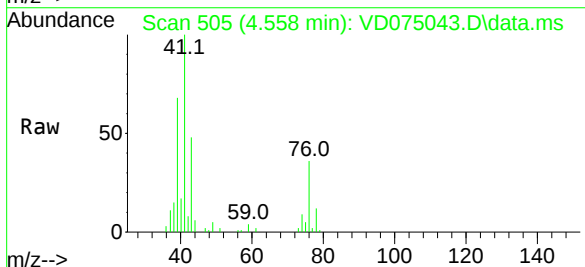
Tgt Ion: 41 Resp: 50578

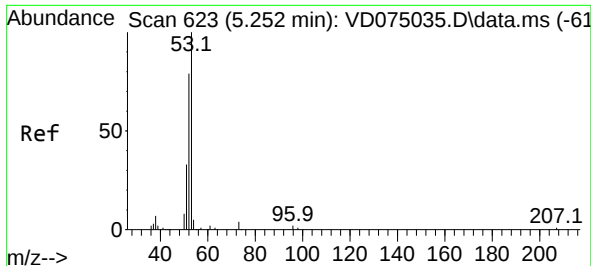
Ion Ratio Lower Upper

41 100

39 67.5 52.5 78.7

76 39.3 41.1 61.7#

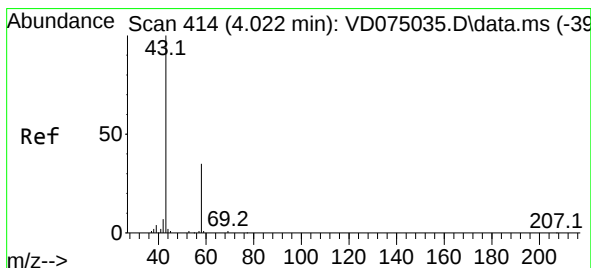
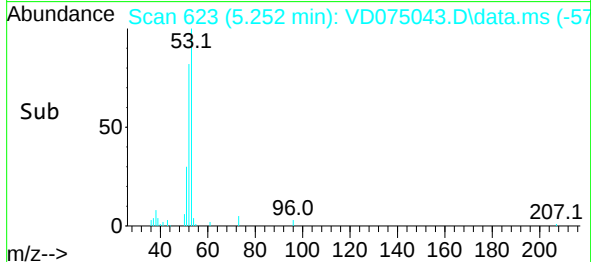
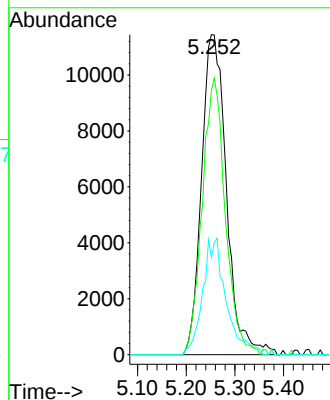
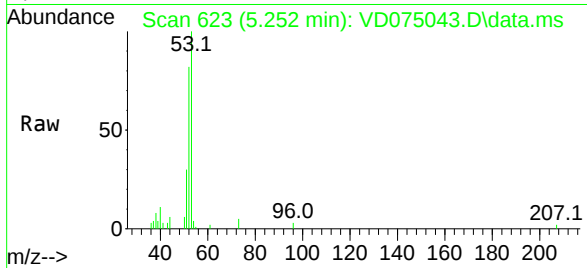




#15
Acrylonitrile
Concen: 101.935 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

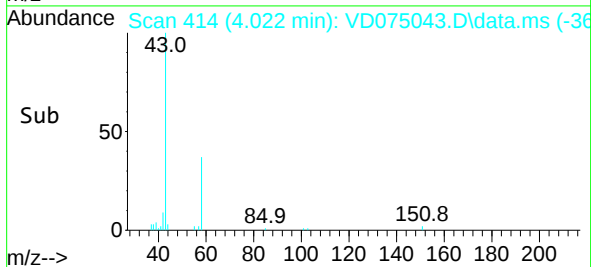
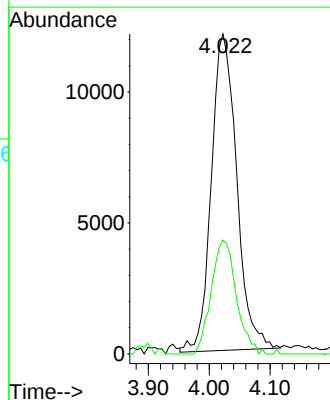
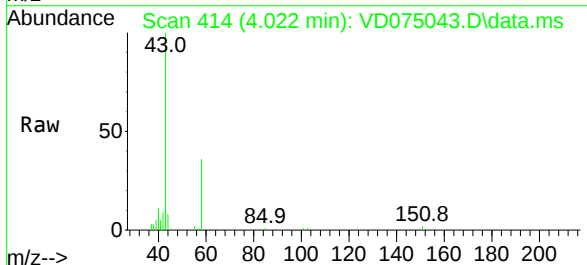
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

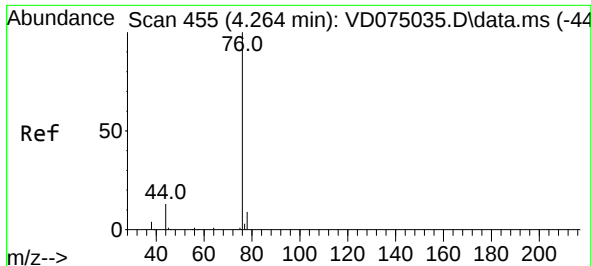
Tgt Ion: 53 Resp: 40611
Ion Ratio Lower Upper
53 100
52 80.2 64.0 96.0
51 34.3 27.8 41.8



#16
Acetone
Concen: 85.550 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 43 Resp: 35014
Ion Ratio Lower Upper
43 100
58 36.3 28.6 43.0

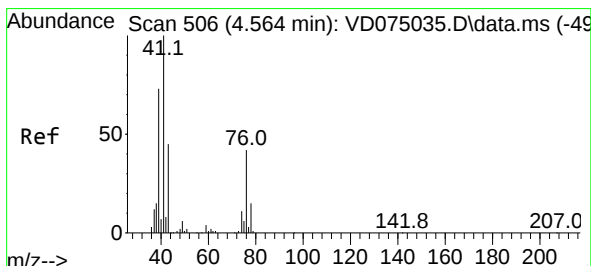
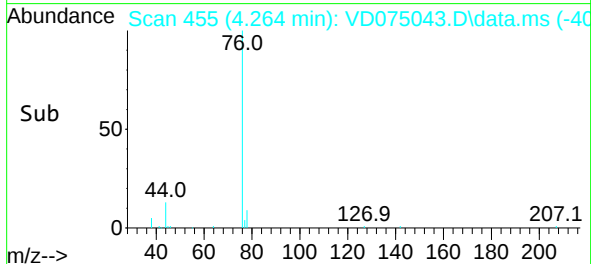
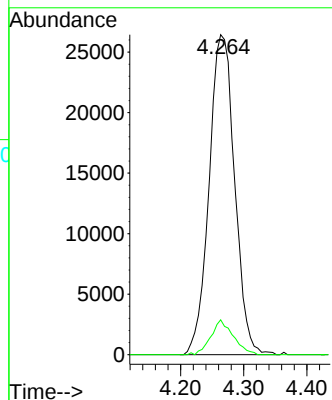
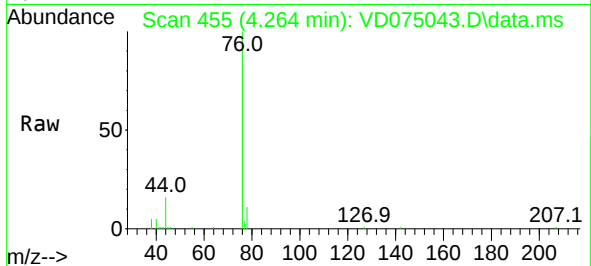




#17
Carbon Disulfide
Concen: 26.613 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

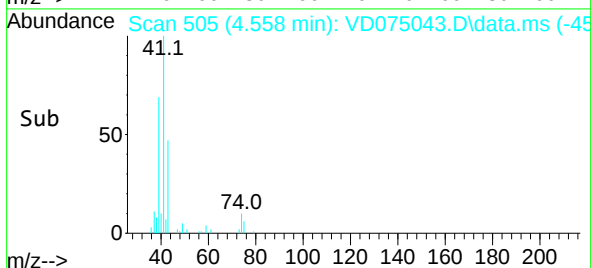
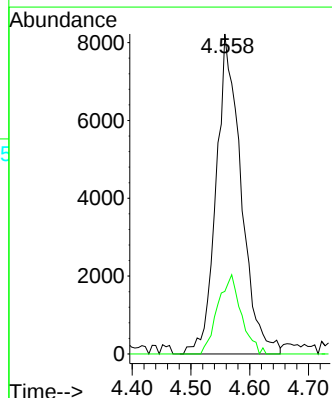
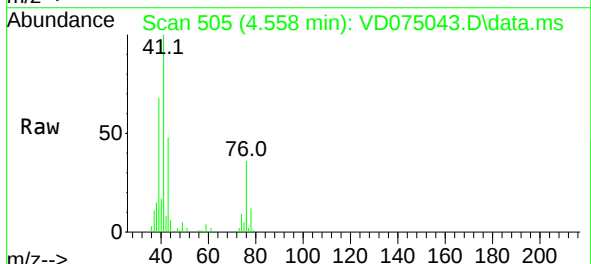
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

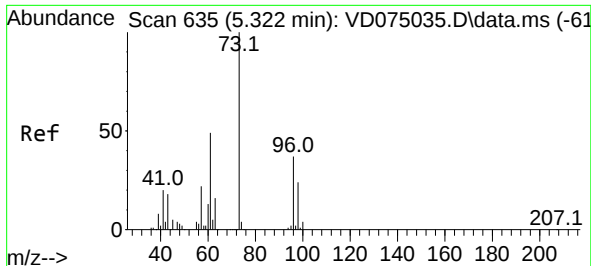
Tgt Ion: 76 Resp: 74300
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#



#18
Methyl Acetate
Concen: 22.864 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 43 Resp: 24265
Ion Ratio Lower Upper
43 100
74 23.2 24.5 36.7#

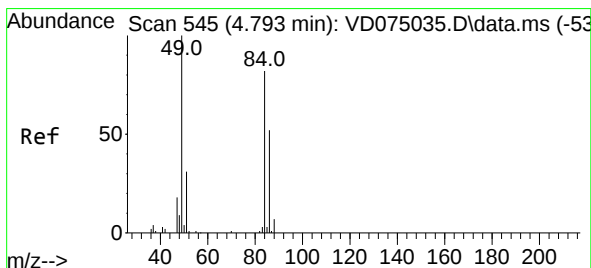
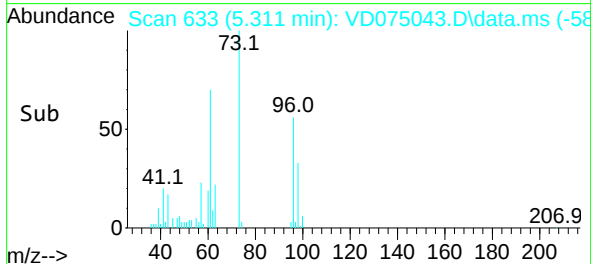
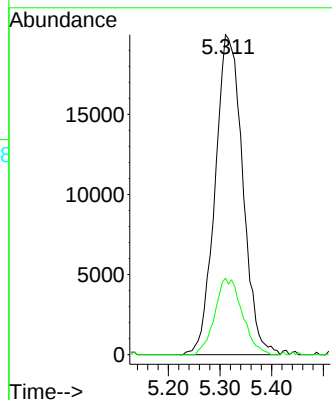
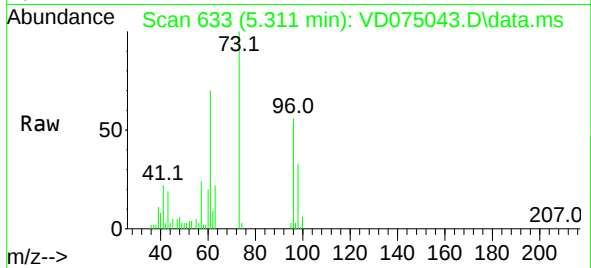




#19
Methyl tert-butyl Ether
Concen: 19.941 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

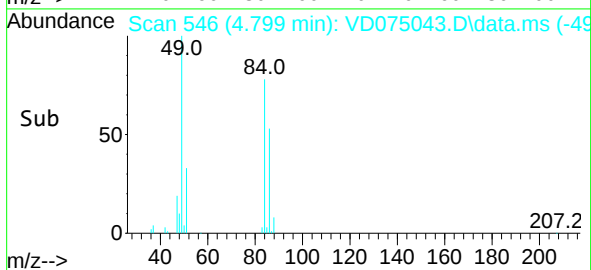
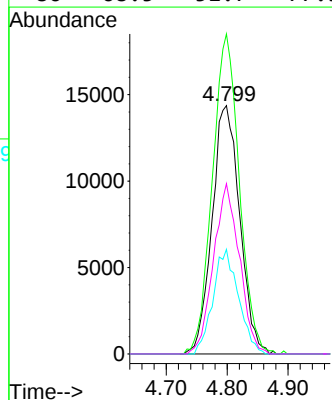
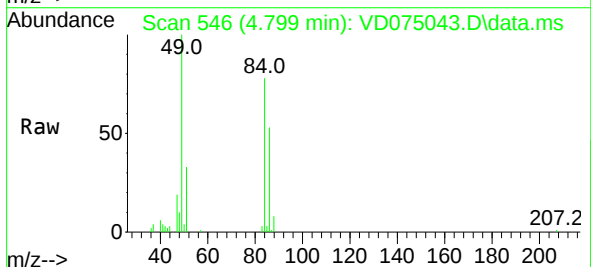
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

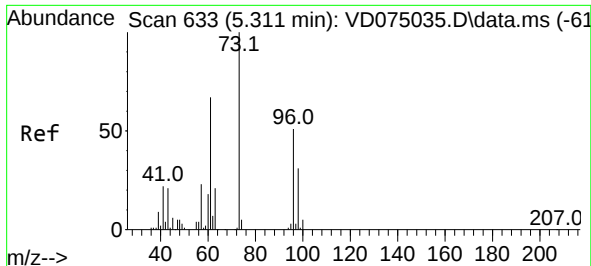
Tgt Ion: 73 Resp: 73984
Ion Ratio Lower Upper
73 100
57 23.9 16.9 25.3



#20
Methylene Chloride
Concen: 21.072 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 84 Resp: 45338
Ion Ratio Lower Upper
84 100
49 128.8 77.2 115.8#
51 42.2 24.1 36.1#
86 68.5 51.7 77.5

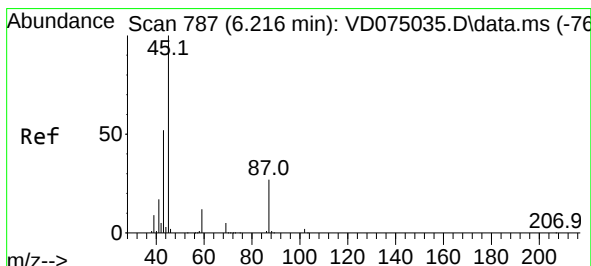
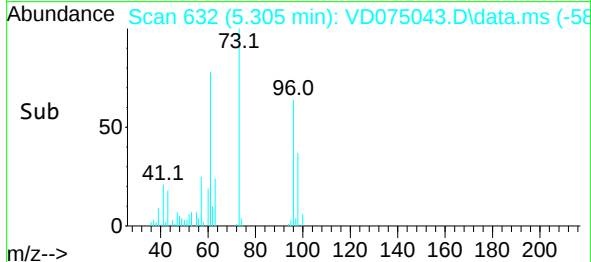
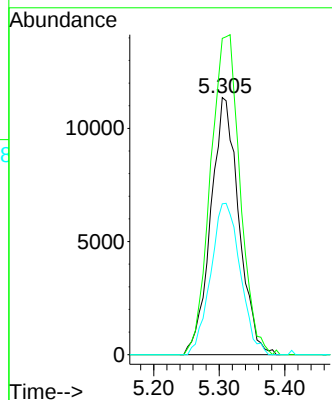
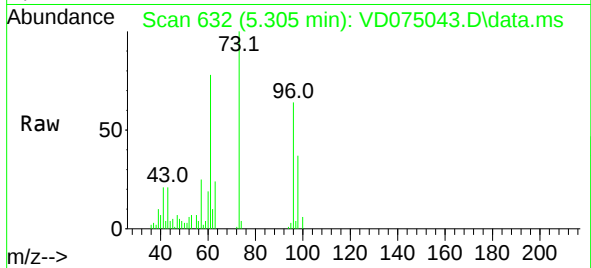




#21
trans-1,2-Dichloroethene
Concen: 21.787 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

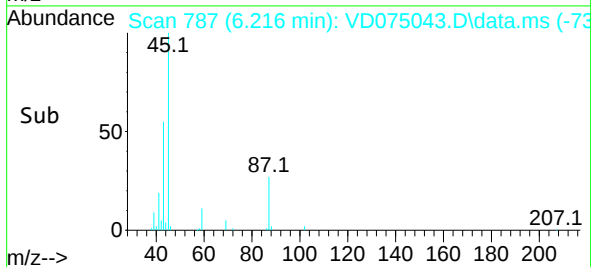
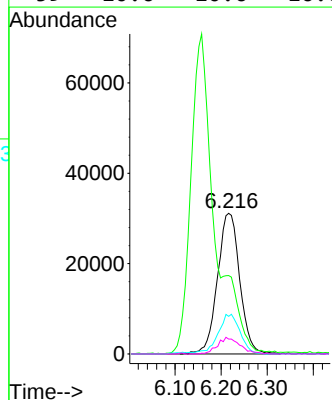
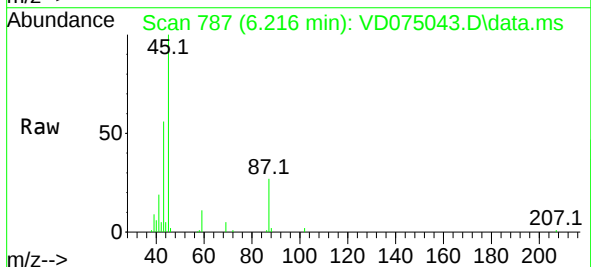
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

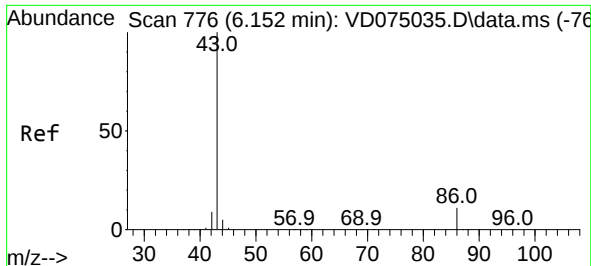
Tgt Ion: 96 Resp: 33774
Ion Ratio Lower Upper
96 100
61 123.0 86.7 130.1
98 58.7 49.8 74.8



#22
Diisopropyl ether
Concen: 19.922 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 45 Resp: 104306
Ion Ratio Lower Upper
45 100
43 54.5 39.8 59.8
87 26.7 27.5 41.3#
59 10.6 10.6 16.0#

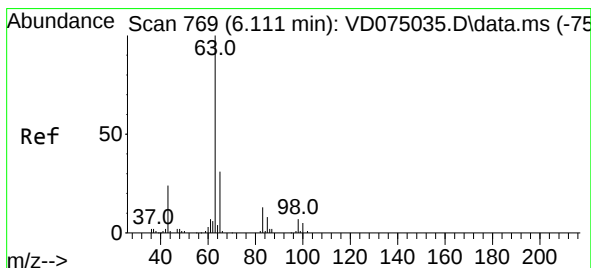
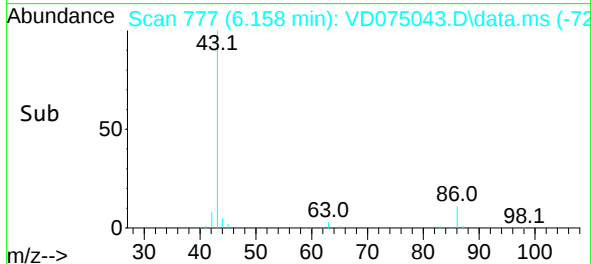
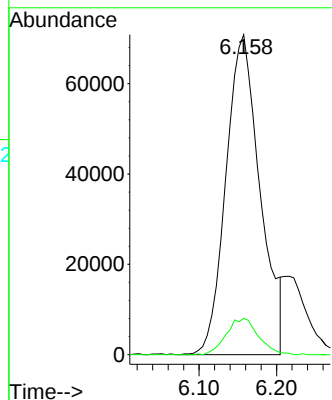
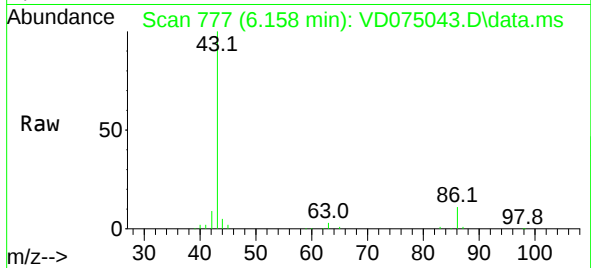




#23
 Vinyl Acetate
 Concen: 89.593 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

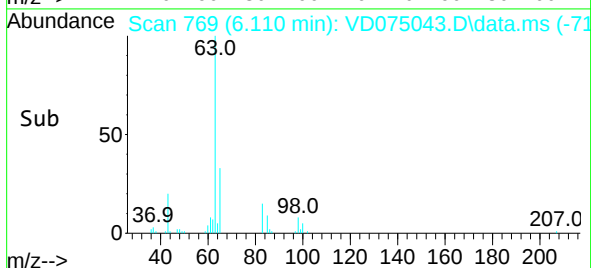
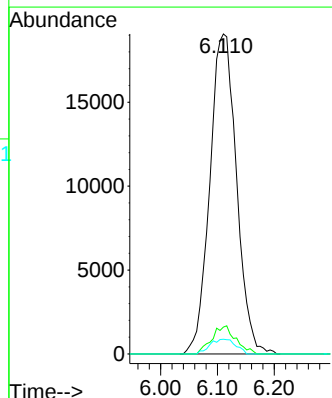
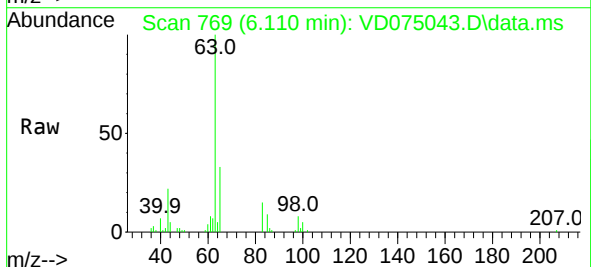
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

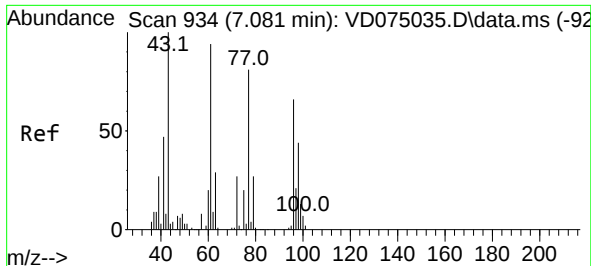
Tgt Ion: 43 Resp: 217522
 Ion Ratio Lower Upper
 43 100
 86 11.4 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 20.364 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion: 63 Resp: 62274
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 13.1
 100 4.6 2.5 7.4

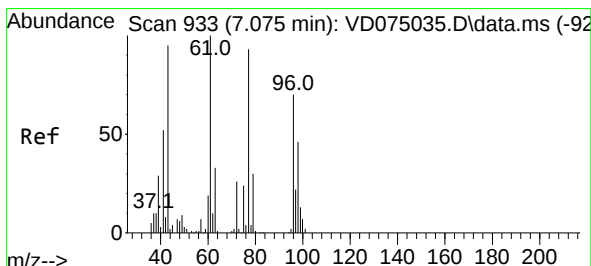
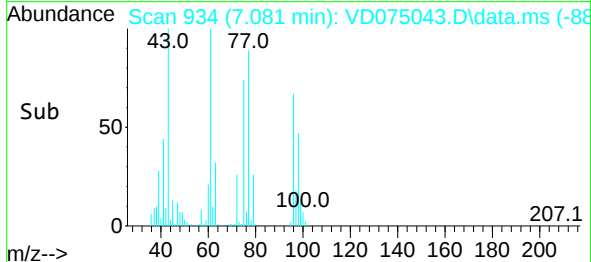
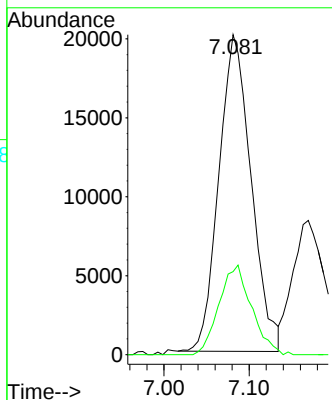
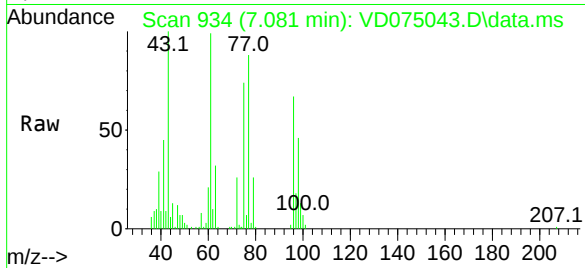




#25
2-Butanone
Concen: 96.724 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

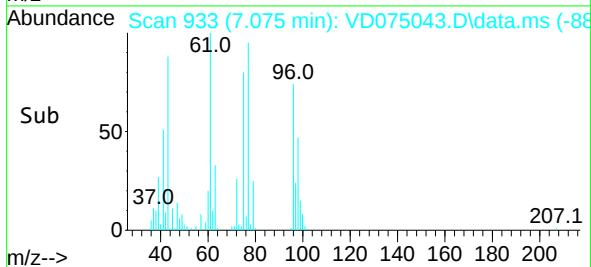
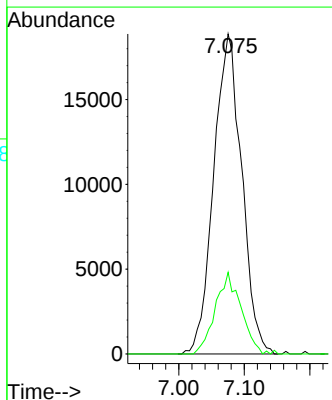
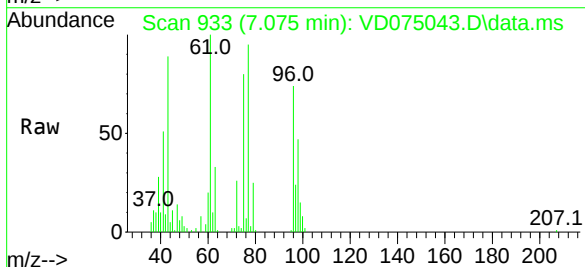
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

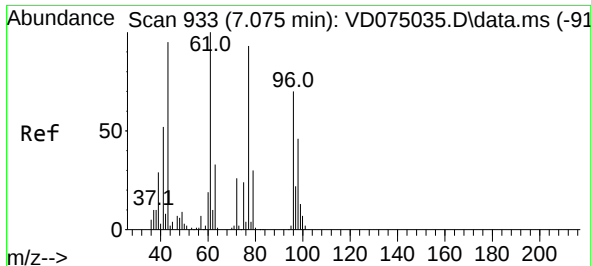
Tgt Ion: 43 Resp: 52828
Ion Ratio Lower Upper
43 100
72 26.2 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 20.489 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 77 Resp: 55972
Ion Ratio Lower Upper
77 100
97 23.3 12.6 37.6

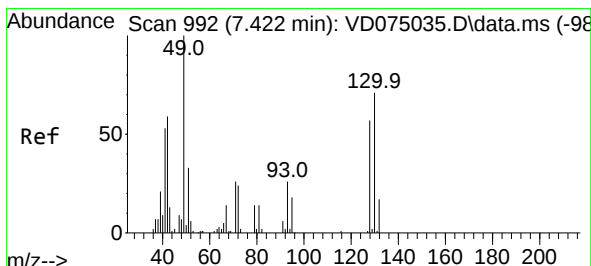
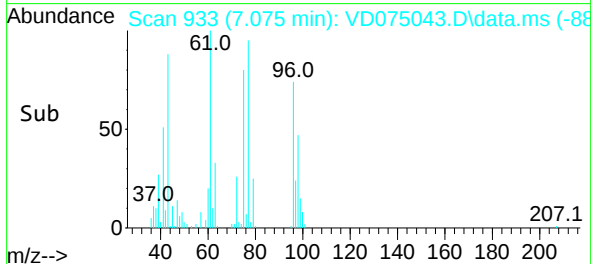
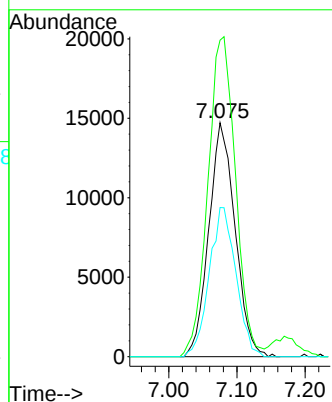
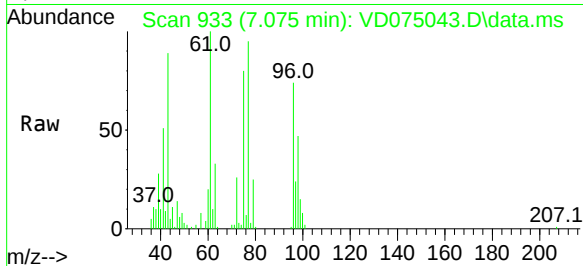




#27
 cis-1,2-Dichloroethene
 Concen: 20.228 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

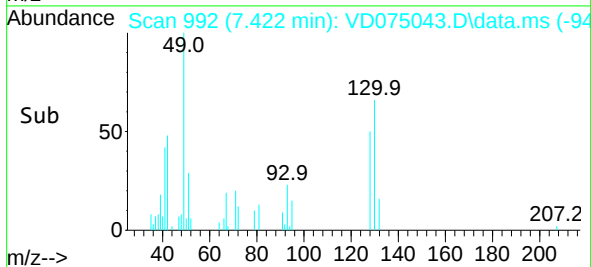
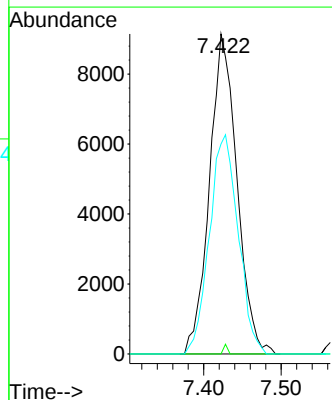
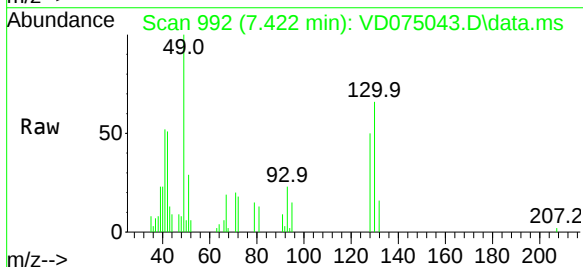
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

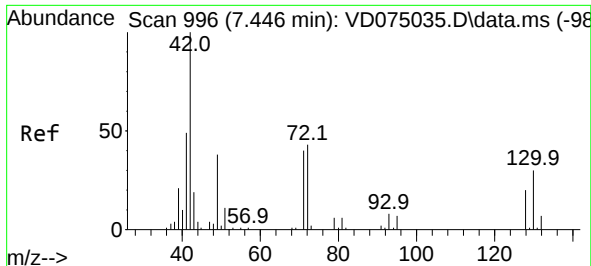
Tgt Ion: 96 Resp: 39556
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 244.6
 98 64.7 0.0 131.0



#28
 Bromochloromethane
 Concen: 21.351 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion: 49 Resp: 22602
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 5.0
 130 71.7 78.2 117.4#





#29

Tetrahydrofuran

Concen: 101.090 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

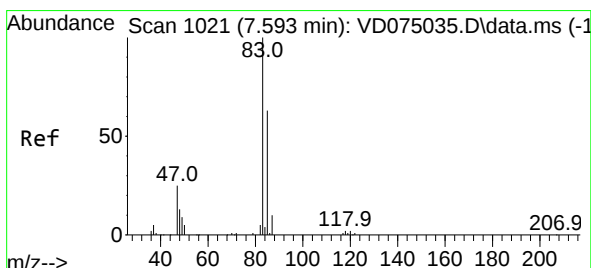
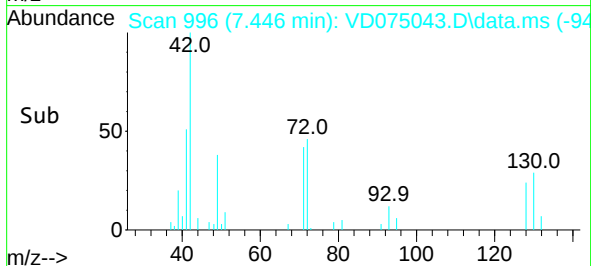
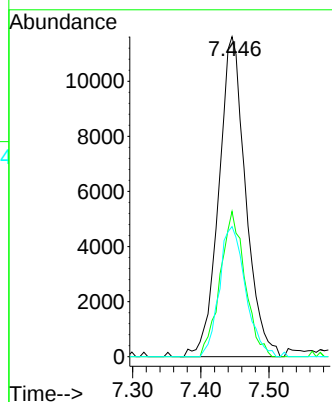
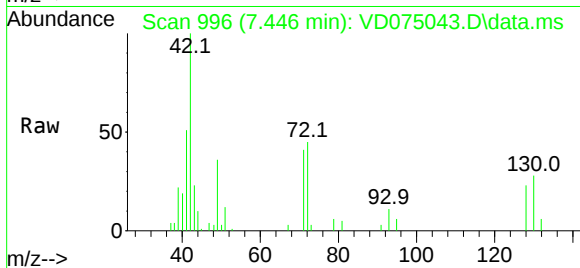
Tgt Ion: 42 Resp: 31831

Ion Ratio Lower Upper

42 100

72 42.0 43.8 65.8#

71 39.7 41.1 61.7#



#30

Chloroform

Concen: 20.200 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075043.D

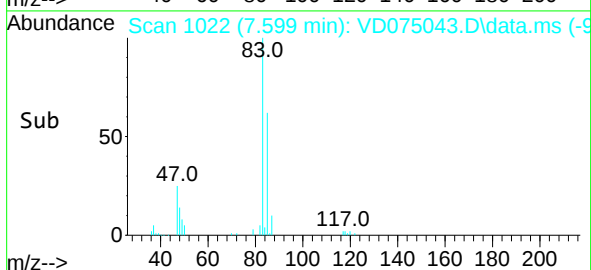
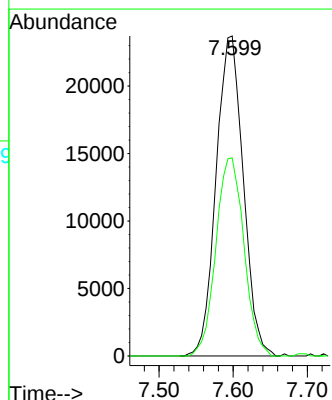
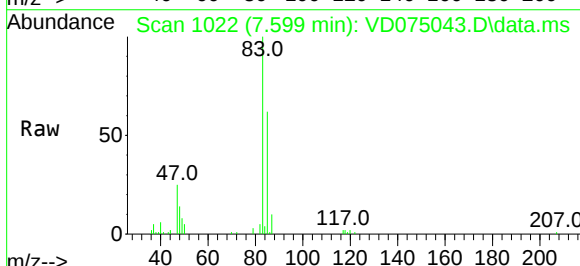
Acq: 22 Dec 2022 11:52

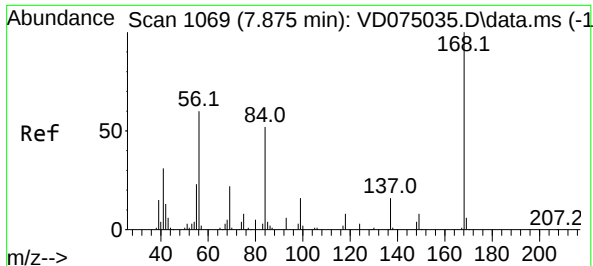
Tgt Ion: 83 Resp: 60318

Ion Ratio Lower Upper

83 100

85 61.9 51.4 77.0

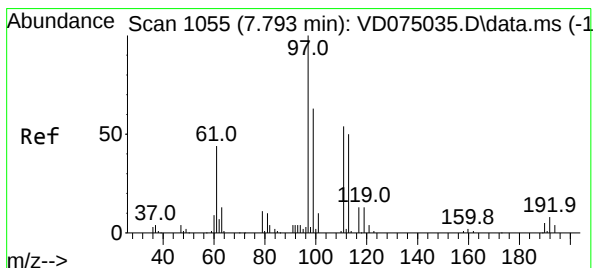
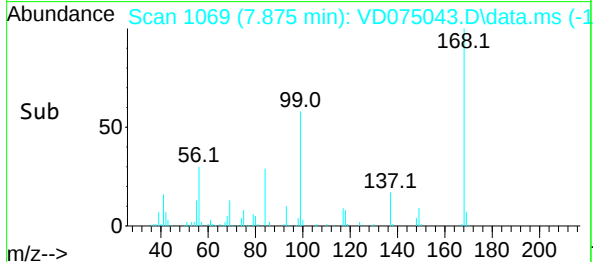
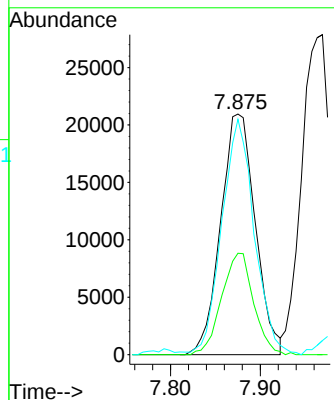
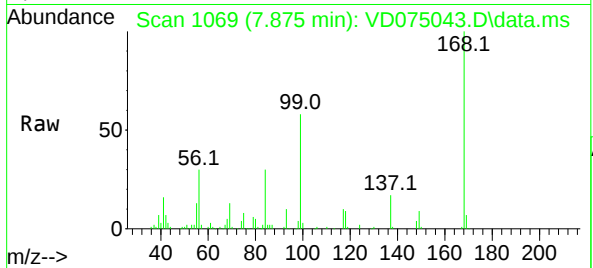




#31
Cyclohexane
Concen: 23.301 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

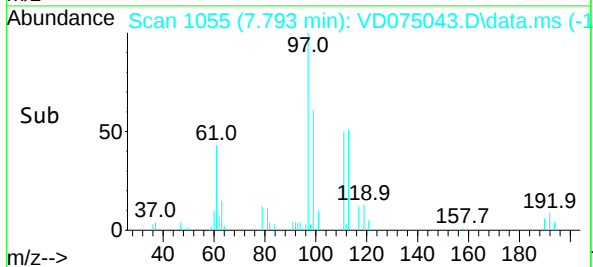
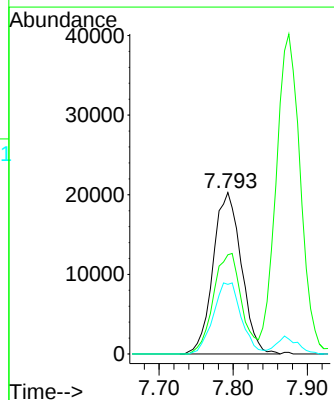
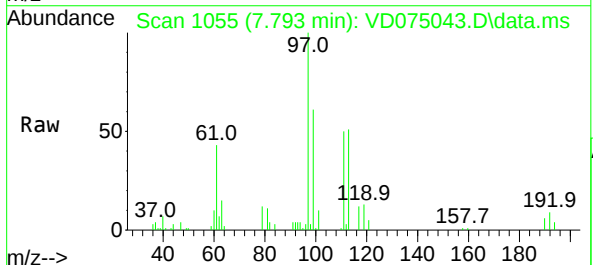
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

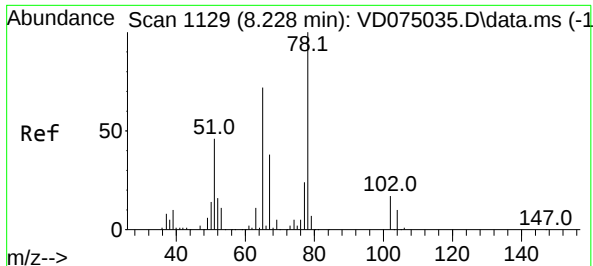
Tgt Ion: 56 Resp: 56244
Ion Ratio Lower Upper
56 100
69 42.1 29.4 44.2
84 96.6 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 20.785 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 97 Resp: 53706
Ion Ratio Lower Upper
97 100
99 62.2 51.6 77.4
61 43.6 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 20.006 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

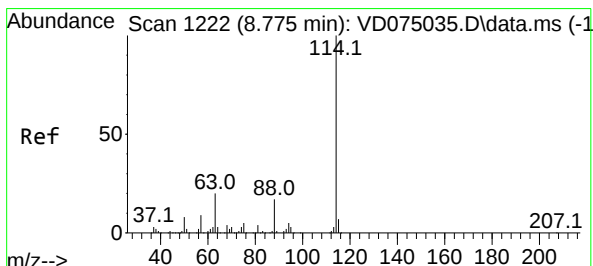
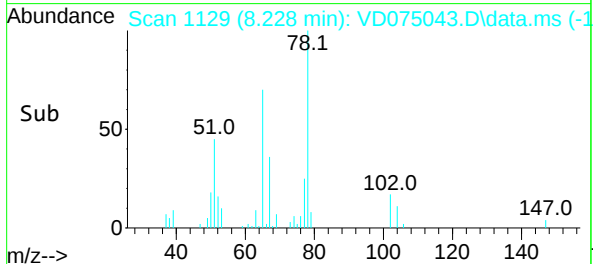
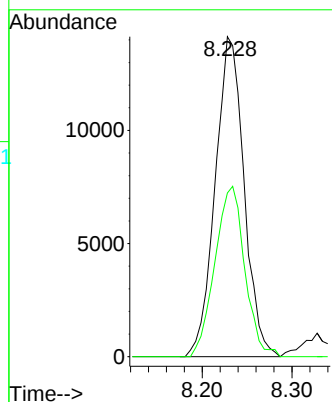
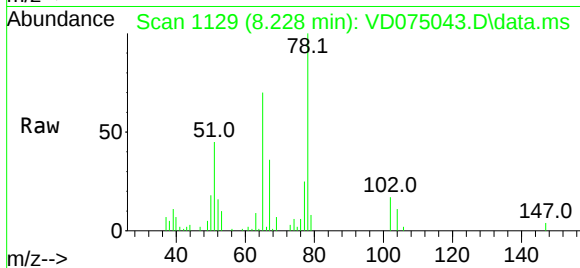
VSTDIC020

Tgt Ion: 65 Resp: 31526

Ion Ratio Lower Upper

65 100

67 55.2 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: VD075043.D

Acq: 22 Dec 2022 11:52

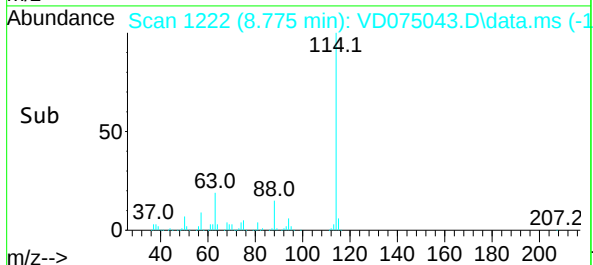
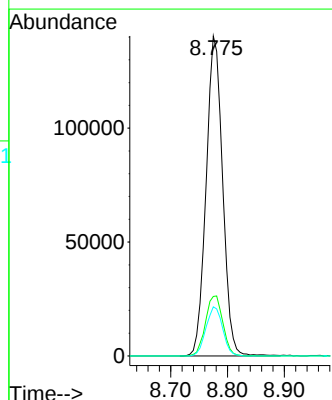
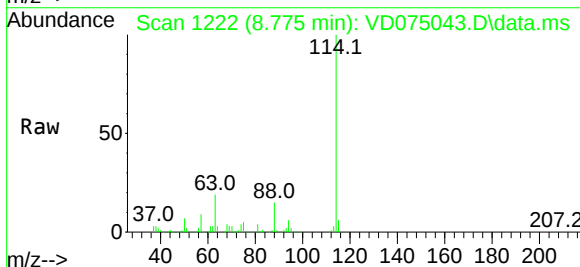
Tgt Ion: 114 Resp: 283312

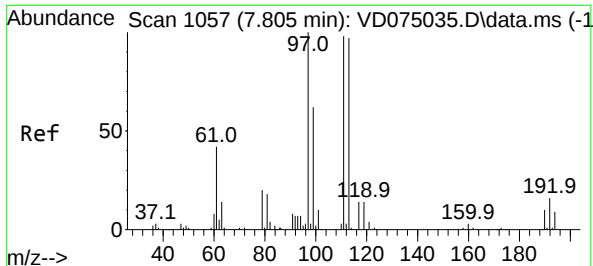
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.8

88 15.4 0.0 27.8





#35

Dibromofluoromethane

Concen: 20.616 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

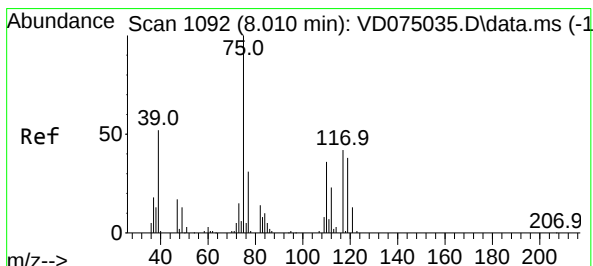
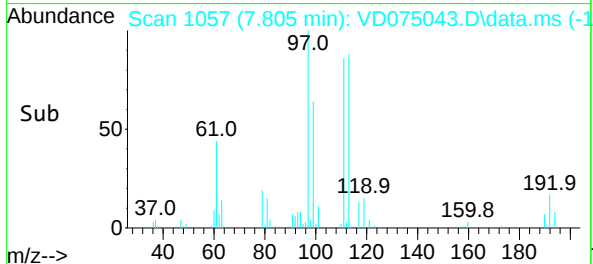
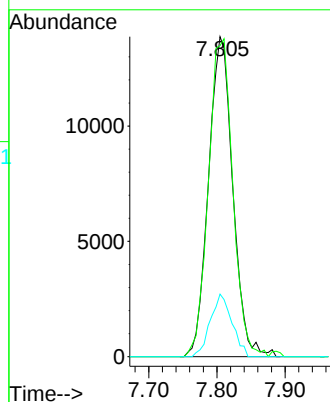
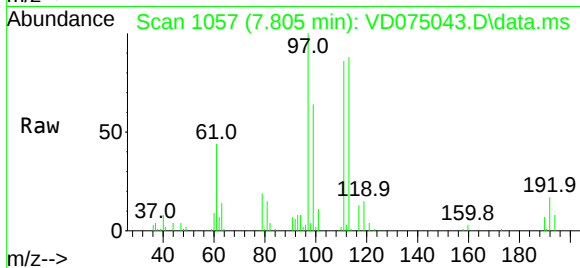
Tgt Ion:113 Resp: 34370

Ion Ratio Lower Upper

113 100

111 100.0 82.1 123.1

192 17.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 21.656 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

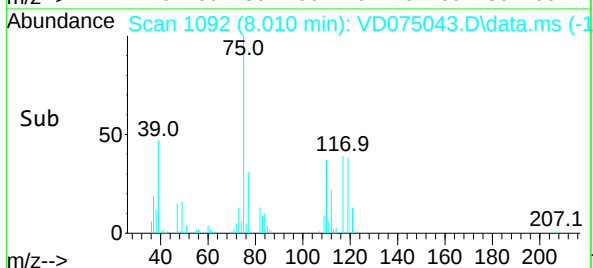
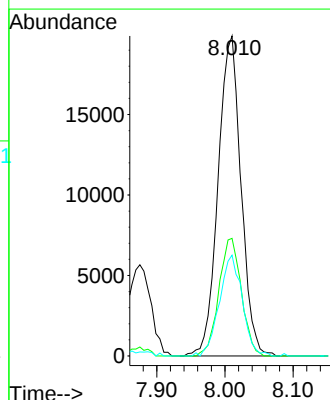
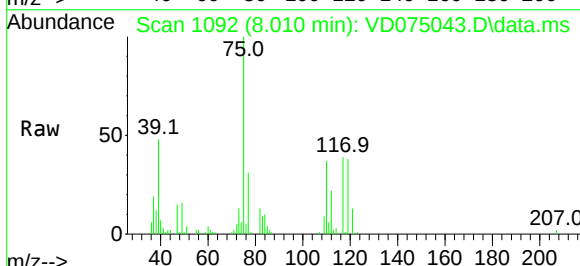
Tgt Ion: 75 Resp: 46633

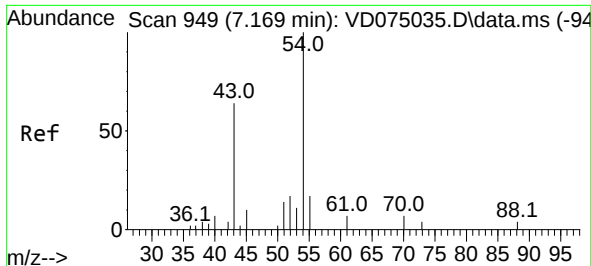
Ion Ratio Lower Upper

75 100

110 36.0 19.0 57.0

77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 20.526 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

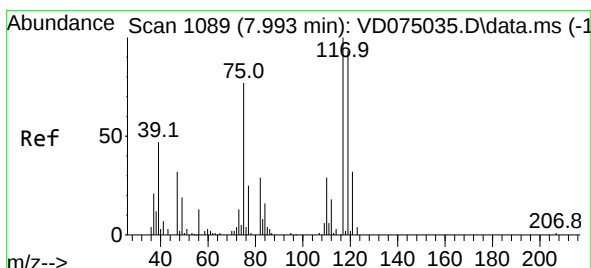
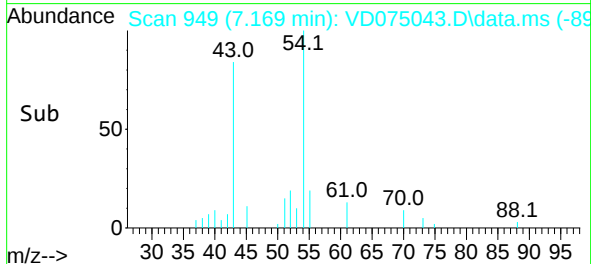
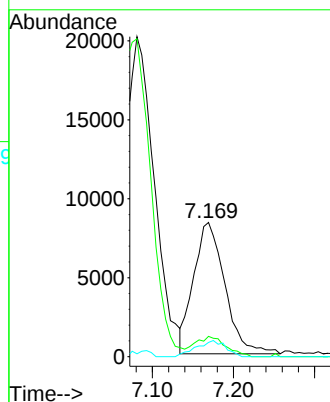
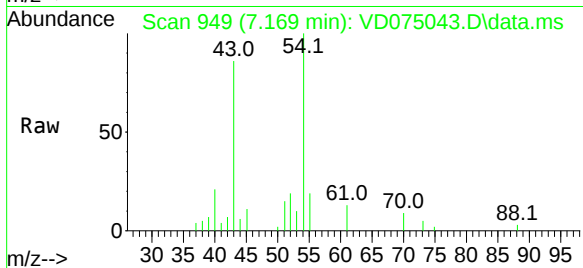
Tgt Ion: 43 Resp: 22327

Ion Ratio Lower Upper

43 100

61 15.1 12.8 19.2

70 11.4 10.2 15.4



#38

Carbon Tetrachloride

Concen: 21.195 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

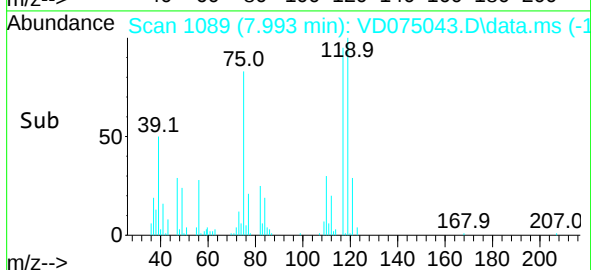
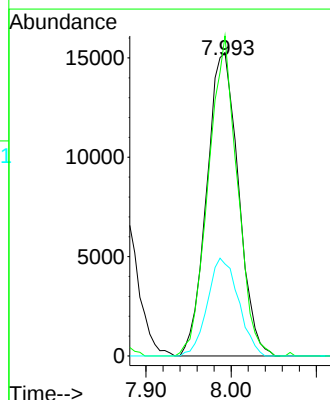
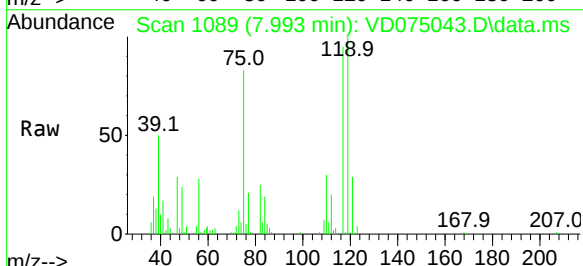
Tgt Ion: 117 Resp: 39466

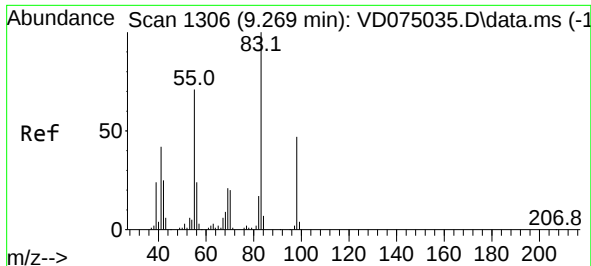
Ion Ratio Lower Upper

117 100

119 105.5 75.8 113.6

121 30.3 25.4 38.0

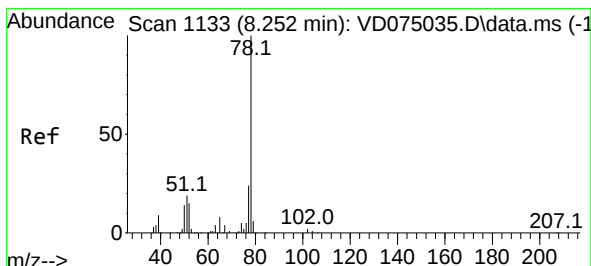
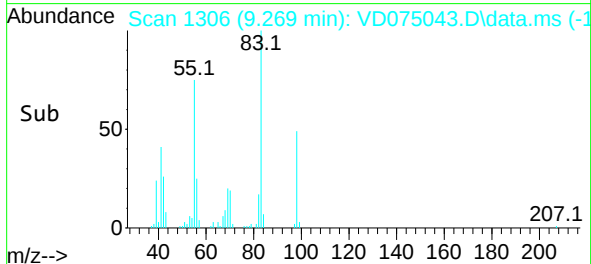
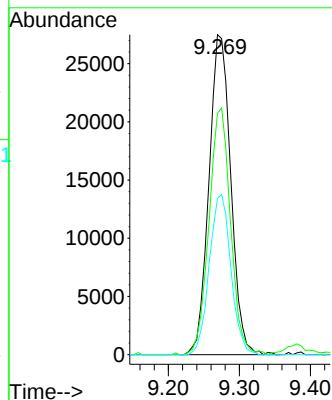
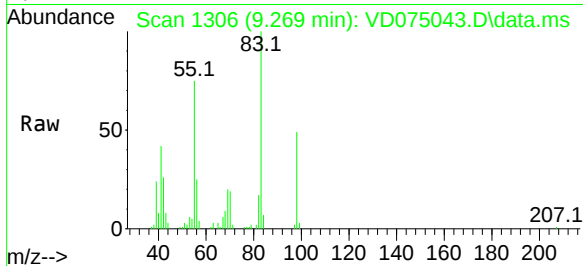




#39
Methylcyclohexane
Concen: 22.453 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

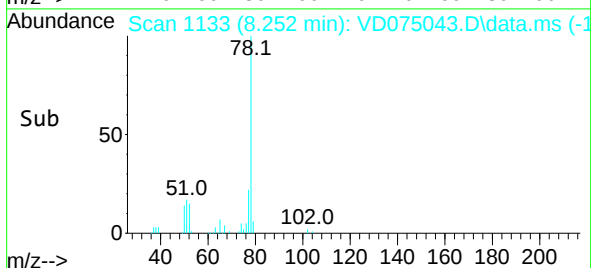
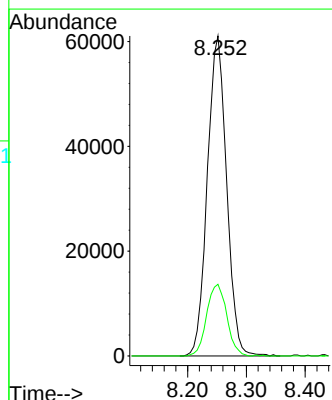
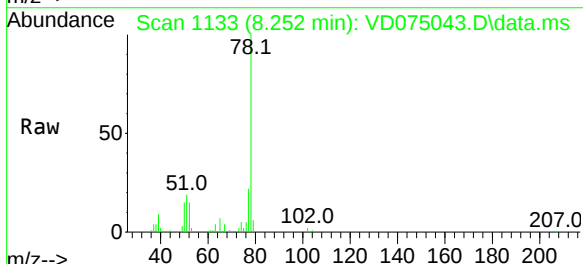
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

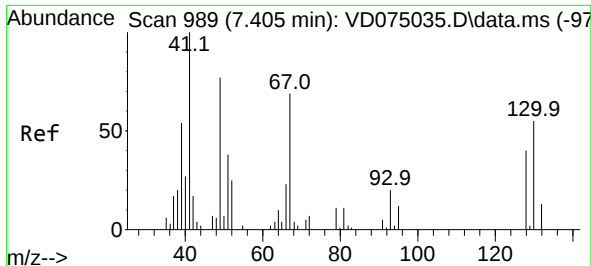
Tgt Ion: 83 Resp: 58719
Ion Ratio Lower Upper
83 100
55 75.4 53.1 79.7
98 48.8 37.5 56.3



#40
Benzene
Concen: 21.190 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 78 Resp: 138919
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8

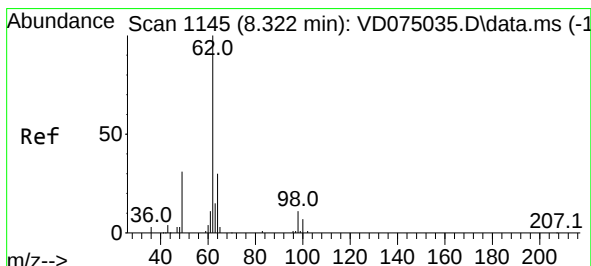
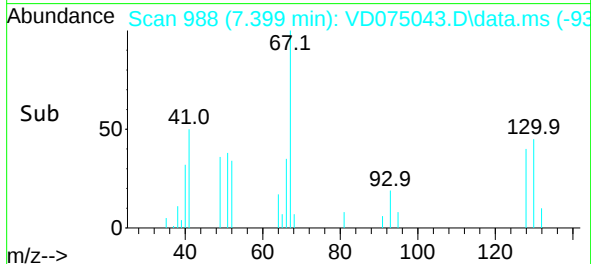
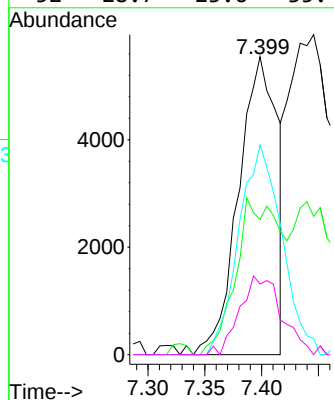
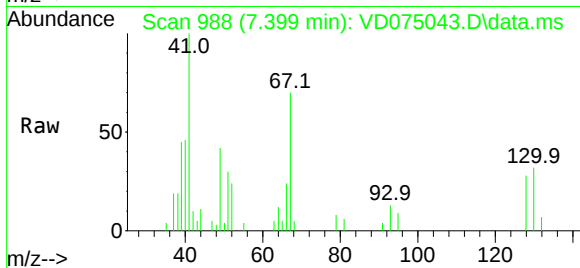




#41
Methacrylonitrile
Concen: 19.489 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

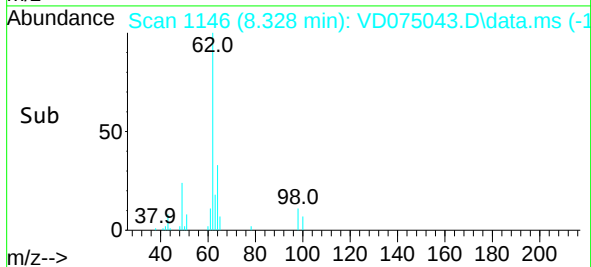
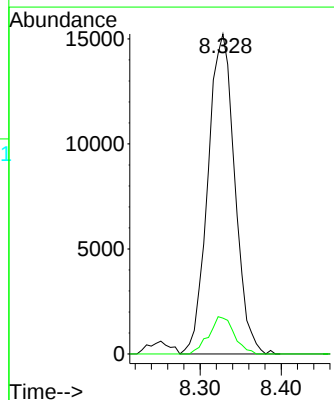
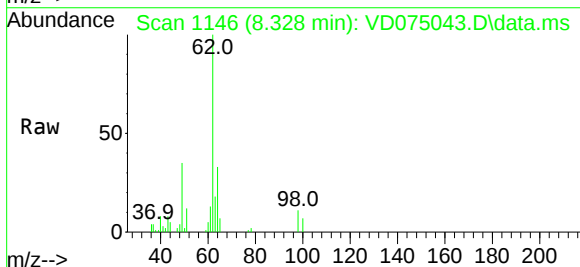
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

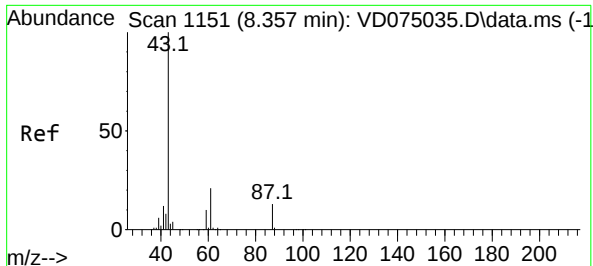
Tgt Ion: 41 Resp: 13190
Ion Ratio Lower Upper
41 100
39 34.5 44.8 67.2#
67 77.9 69.6 104.4
52 28.7 23.6 35.4



#42
1,2-Dichloroethane
Concen: 20.946 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 62 Resp: 35035
Ion Ratio Lower Upper
62 100
98 10.9 0.0 23.4





#43

Isopropyl Acetate

Concen: 20.221 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

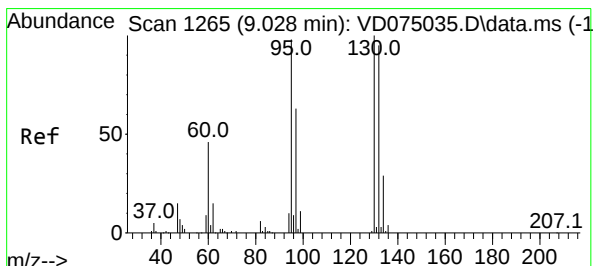
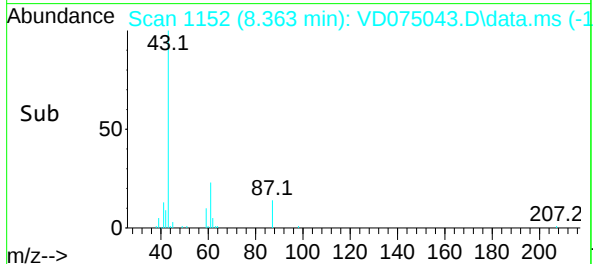
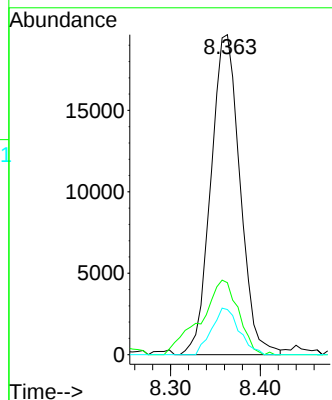
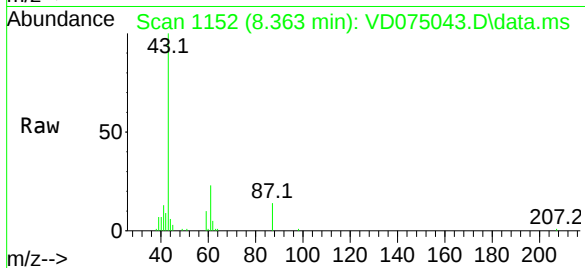
Tgt Ion: 43 Resp: 44250

Ion Ratio Lower Upper

43 100

61 30.2 28.2 42.4

87 13.7 13.6 20.4



#44

Trichloroethene

Concen: 21.058 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD075043.D

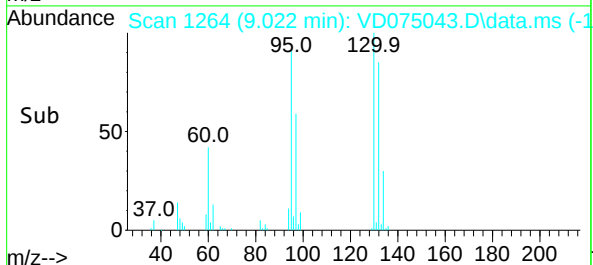
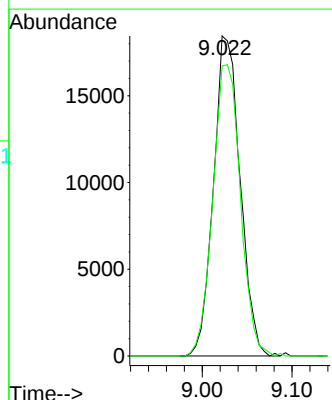
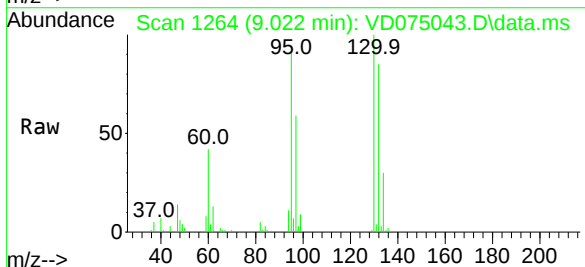
Acq: 22 Dec 2022 11:52

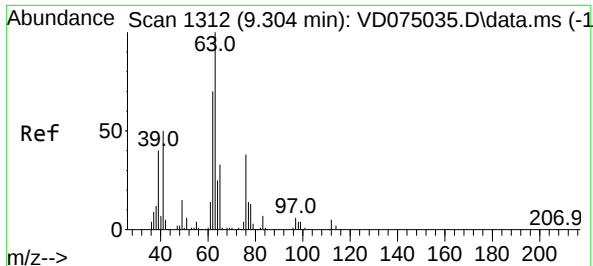
Tgt Ion:130 Resp: 38024

Ion Ratio Lower Upper

130 100

95 90.6 0.0 190.0





#45

1,2-Dichloropropane

Concen: 20.367 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

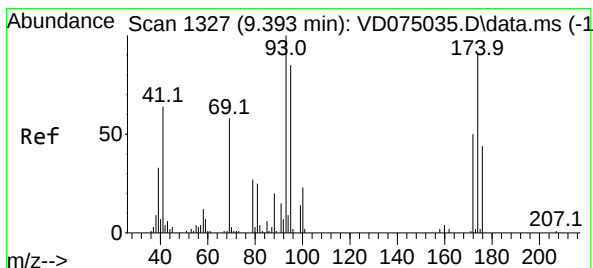
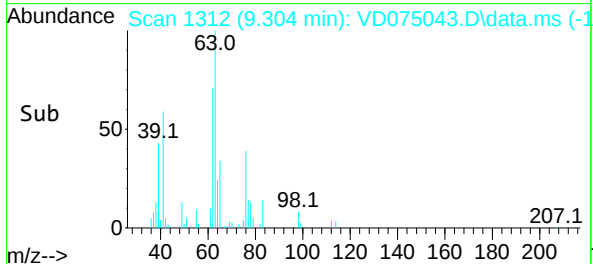
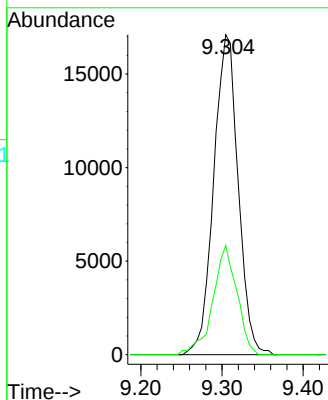
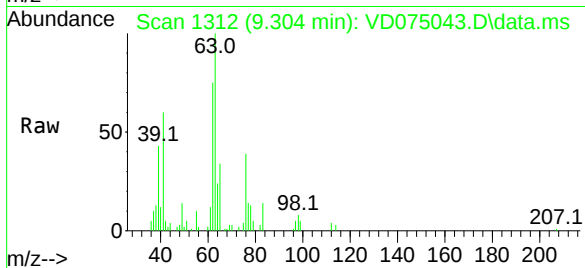
VSTDIC020

Tgt Ion: 63 Resp: 35764

Ion Ratio Lower Upper

63 100

65 34.1 27.0 40.6



#46

Dibromomethane

Concen: 20.550 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

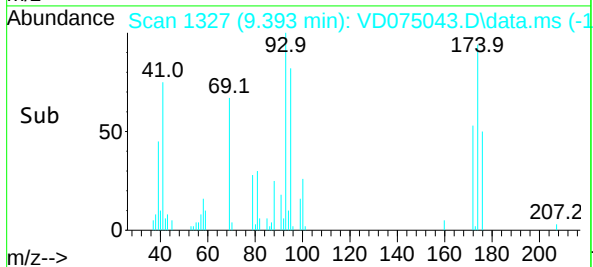
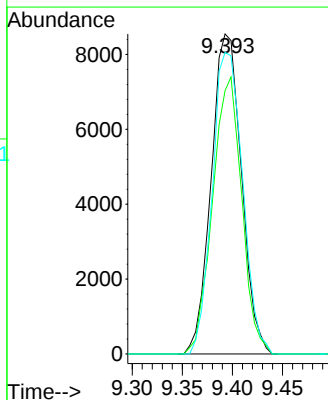
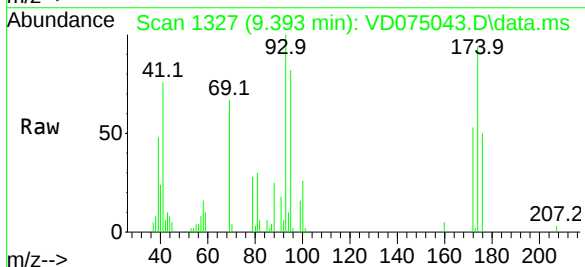
Tgt Ion: 93 Resp: 17947

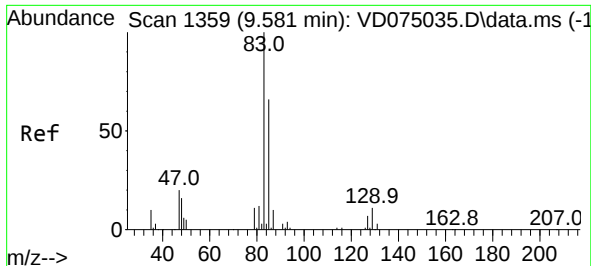
Ion Ratio Lower Upper

93 100

95 83.4 65.7 98.5

174 94.6 74.7 112.1

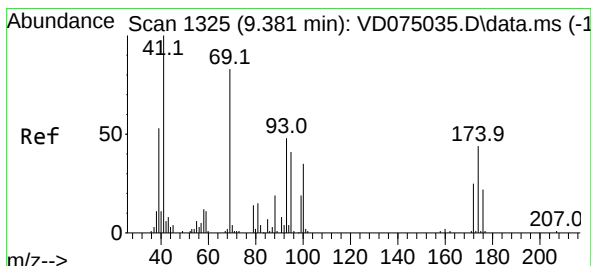
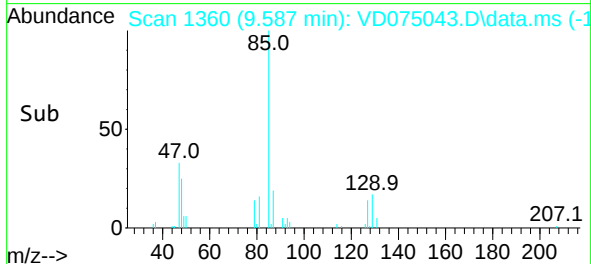
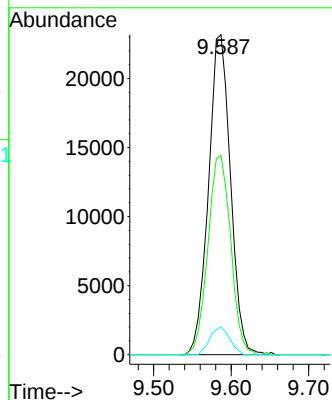
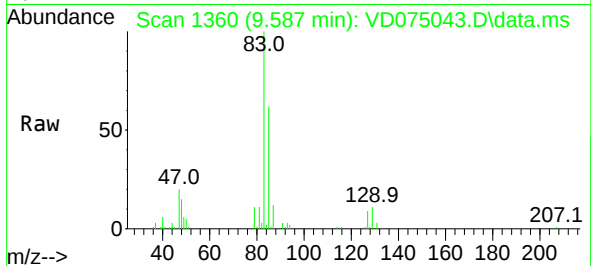




#47
Bromodichloromethane
Concen: 20.112 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

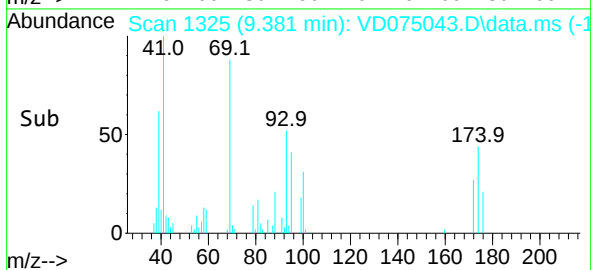
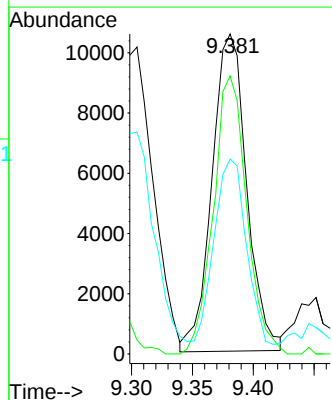
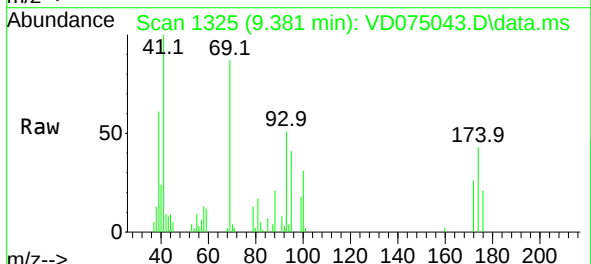
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

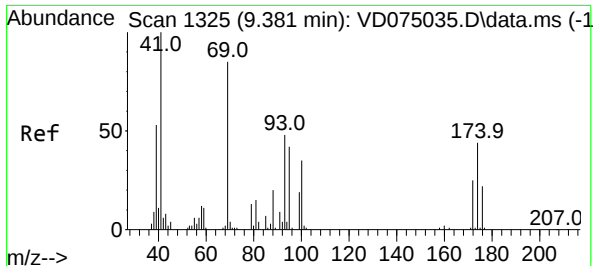
Tgt Ion: 83 Resp: 45742
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 21.023 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 41 Resp: 20897
Ion Ratio Lower Upper
41 100
69 84.0 84.8 127.2#
39 60.0 43.6 65.4





#49

1,4-Dioxane

Concen: 408.052 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

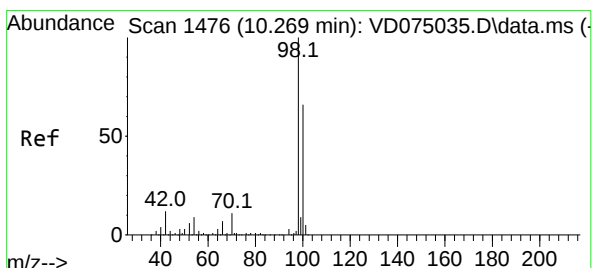
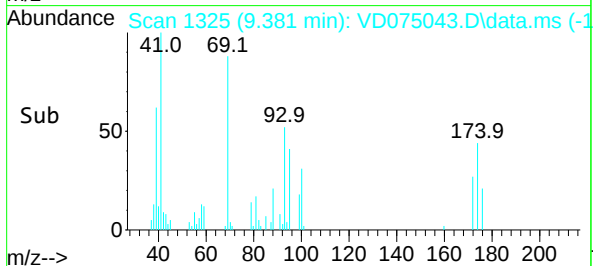
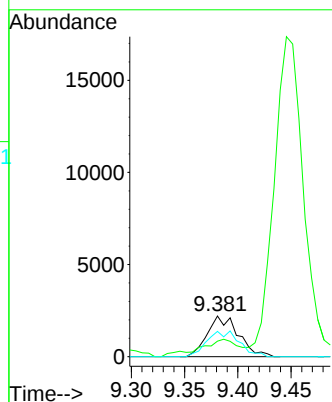
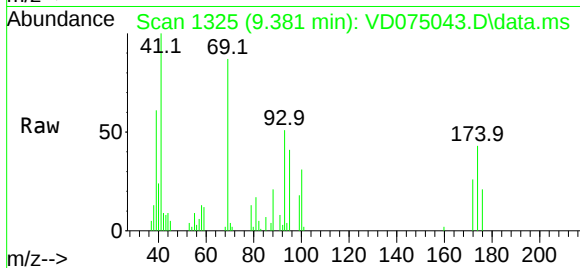
Tgt Ion: 88 Resp: 4491

Ion Ratio Lower Upper

88 100

43 55.9 23.9 35.9#

58 65.7 48.4 72.6



#50

Toluene-d8

Concen: 20.481 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075043.D

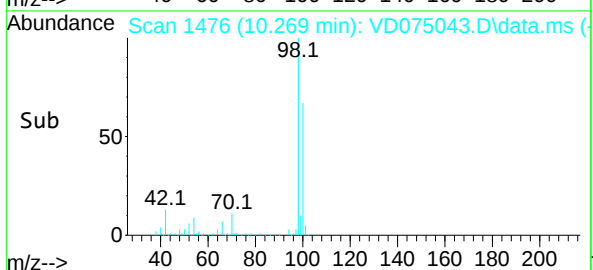
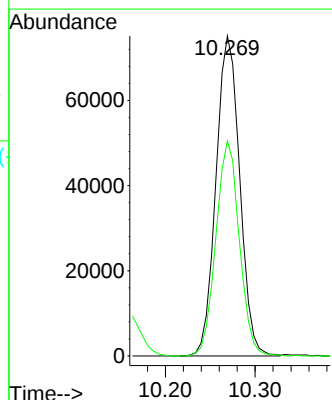
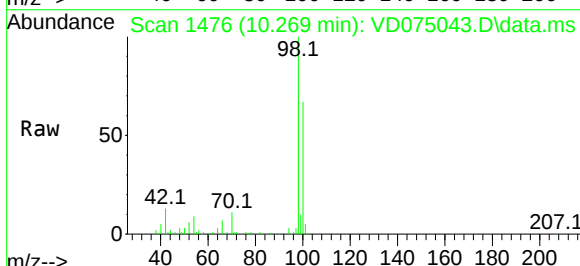
Acq: 22 Dec 2022 11:52

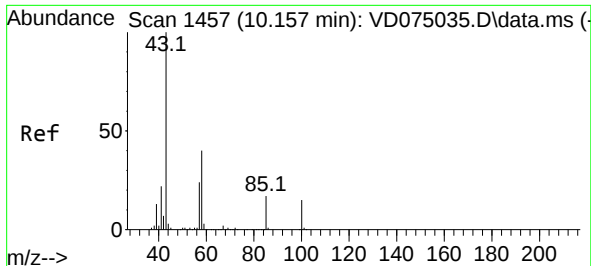
Tgt Ion: 98 Resp: 137964

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

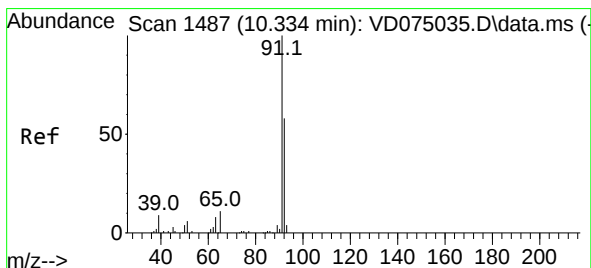
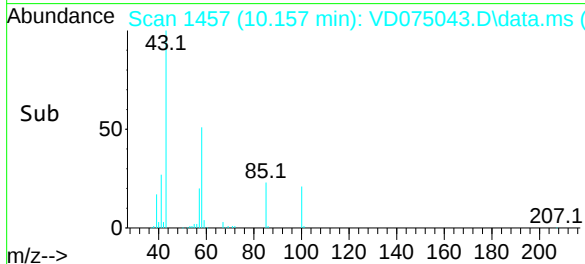
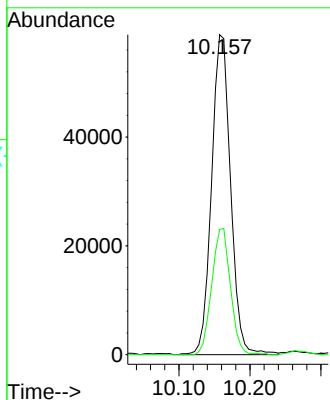
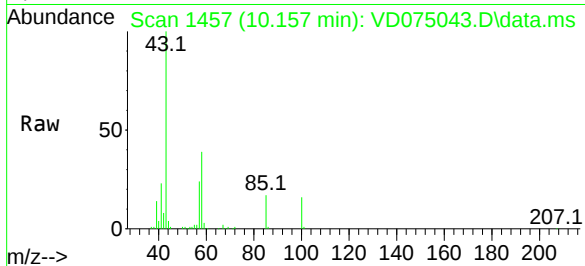




#51
4-Methyl-2-Pentanone
Concen: 101.305 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

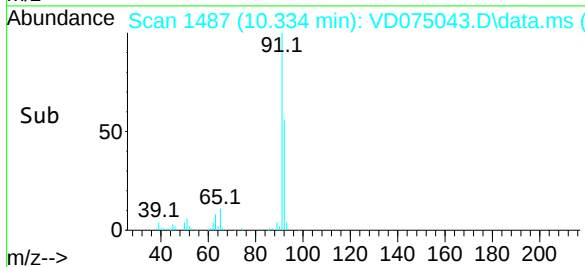
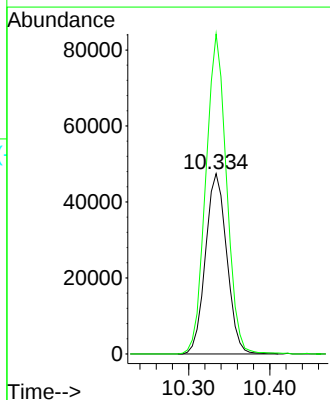
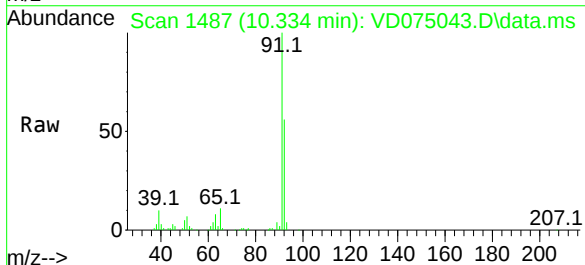
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

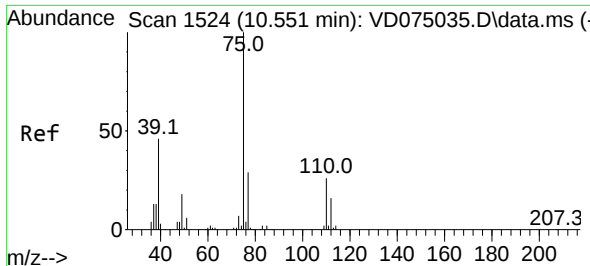
Tgt Ion: 43 Resp: 109512
Ion Ratio Lower Upper
43 100
58 38.8 35.7 53.5



#52
Toluene
Concen: 20.665 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 92 Resp: 86273
Ion Ratio Lower Upper
92 100
91 173.3 139.3 208.9

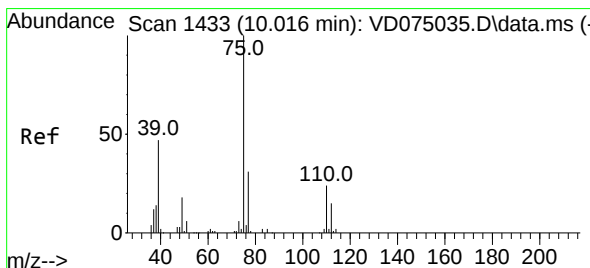
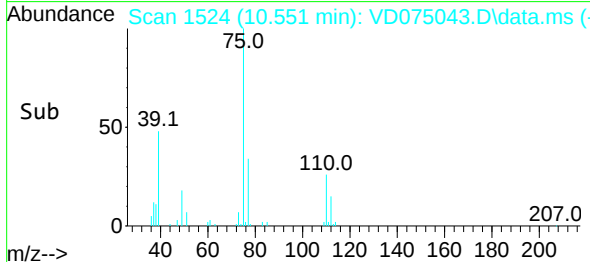
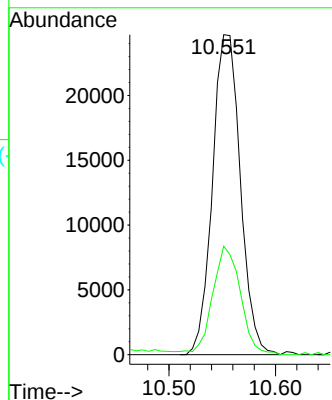
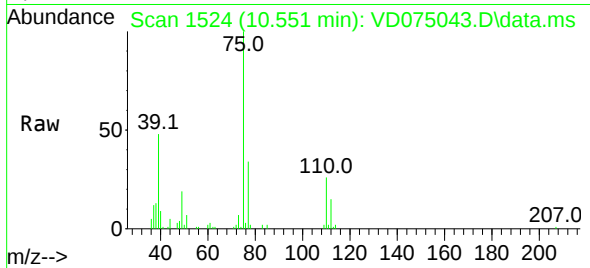




#53
 t-1,3-Dichloropropene
 Concen: 20.278 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

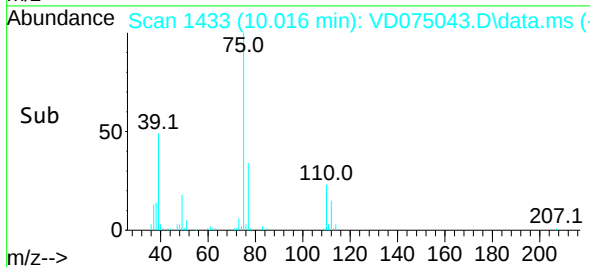
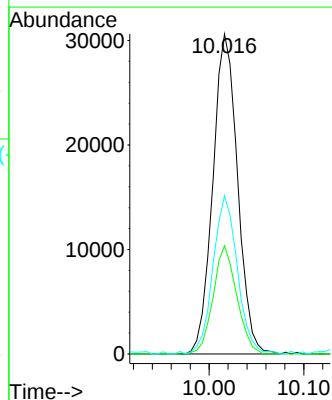
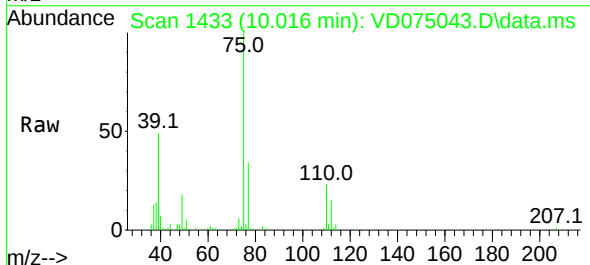
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

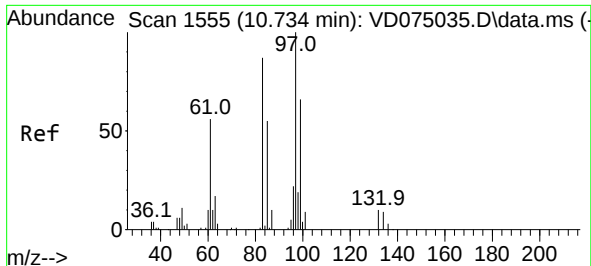
Tgt Ion: 75 Resp: 44872
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.867 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion: 75 Resp: 55643
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.5 38.3
 39 49.4 25.7 38.5#

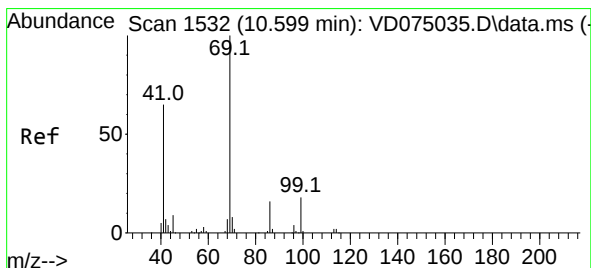
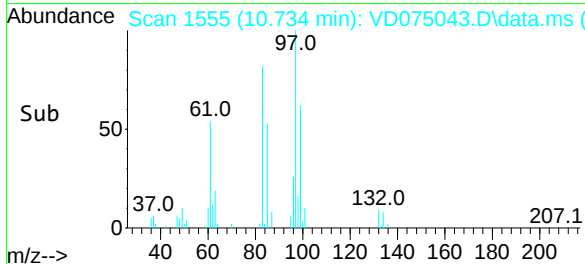
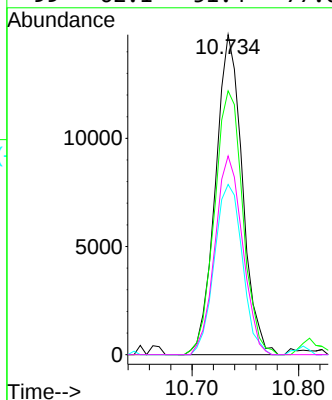
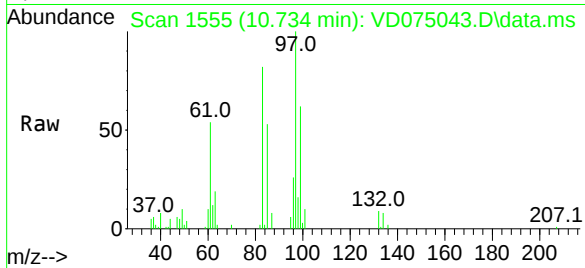




#55
1,1,2-Trichloroethane
Concen: 20.267 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

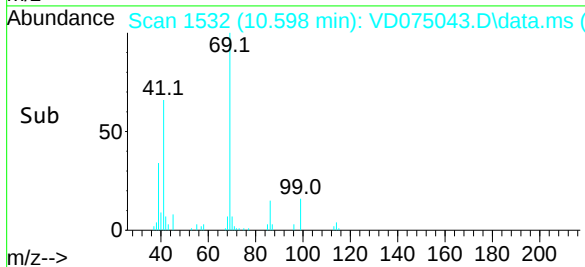
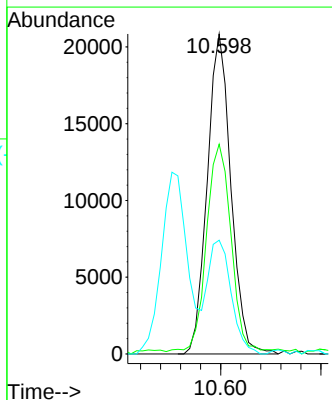
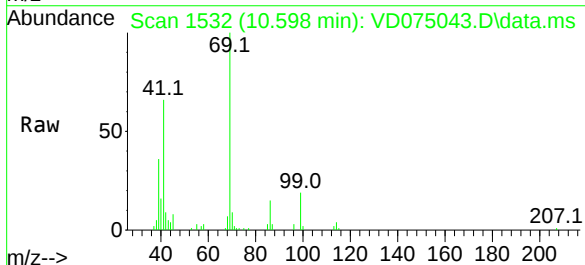
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

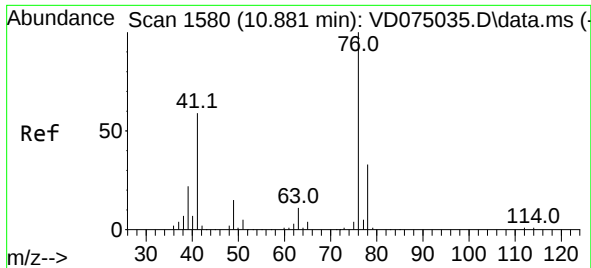
Tgt Ion: 97	Resp: 25918
Ion Ratio	Lower Upper
97 100	
83 82.4	65.1 97.7
85 53.2	43.3 64.9
99 62.1	51.4 77.0



#56
Ethyl methacrylate
Concen: 20.287 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 69	Resp: 34150
Ion Ratio	Lower Upper
69 100	
41 67.7	42.2 63.4#
39 34.6	20.2 30.4#





#57

1,3-Dichloropropane

Concen: 20.485 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

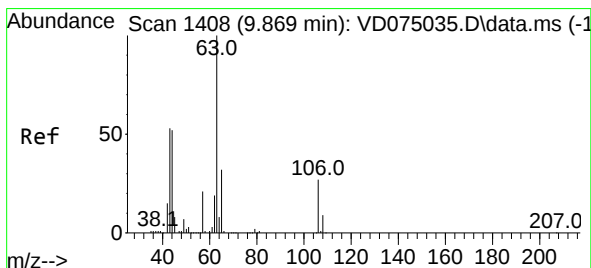
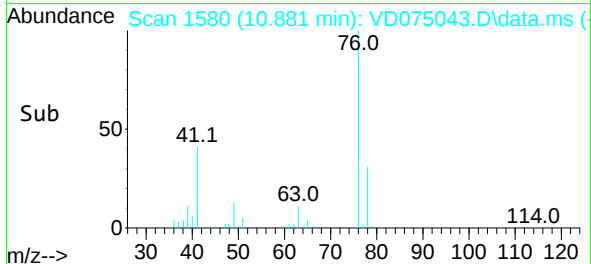
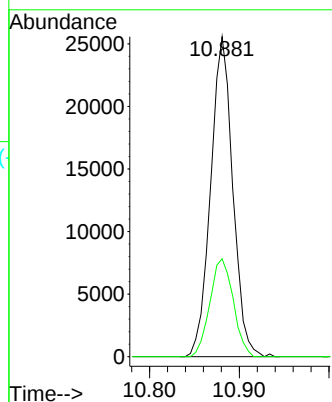
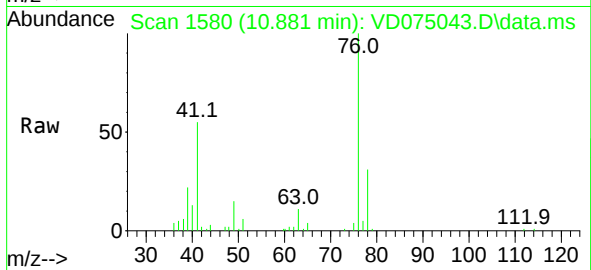
VSTDIC020

Tgt Ion: 76 Resp: 43795

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 103.067 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075043.D

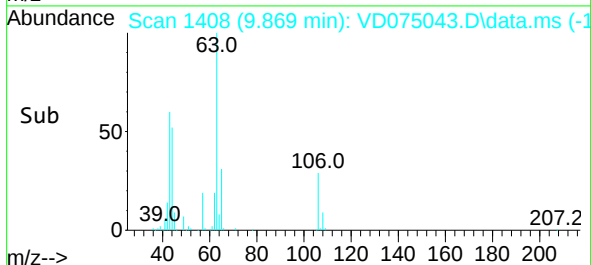
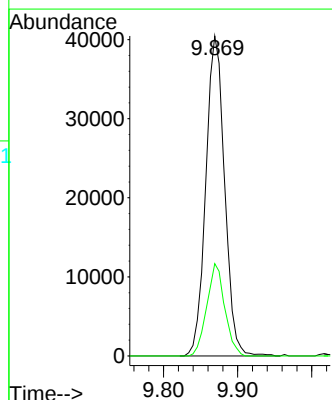
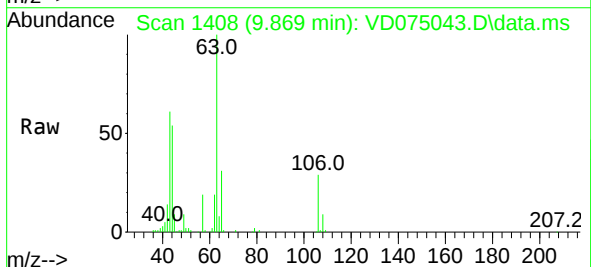
Acq: 22 Dec 2022 11:52

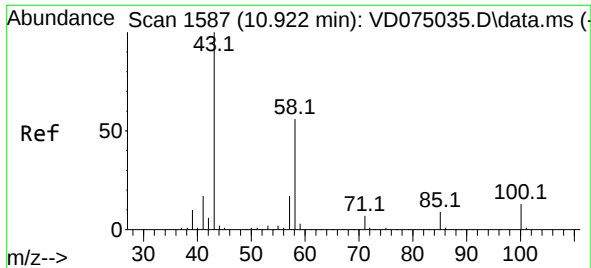
Tgt Ion: 63 Resp: 71216

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9

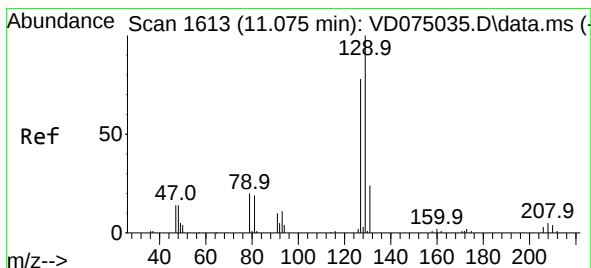
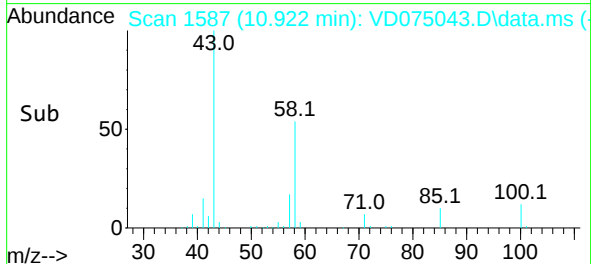
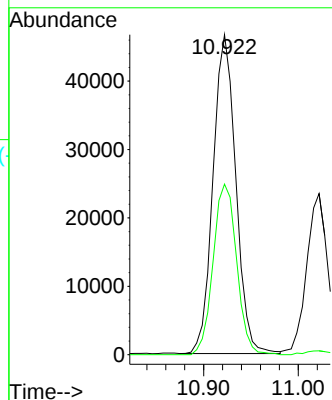
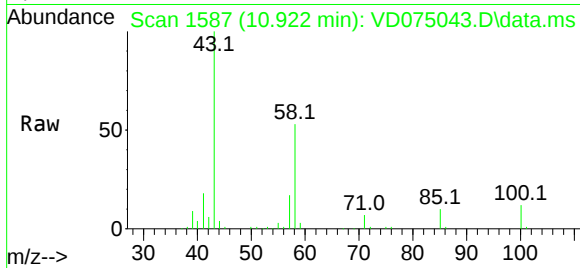




#59
2-Hexanone
Concen: 99.227 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

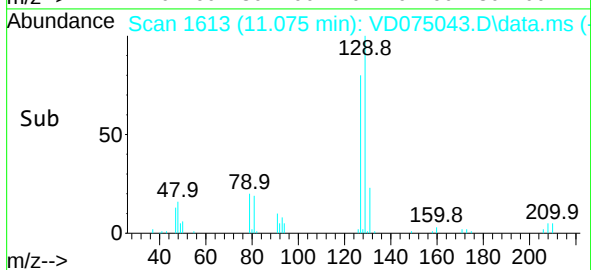
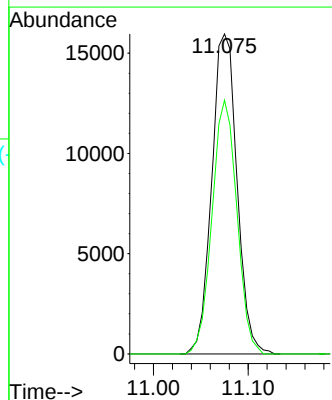
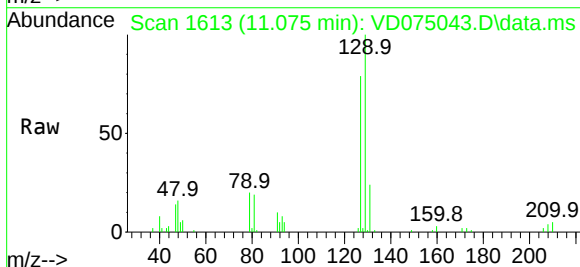
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

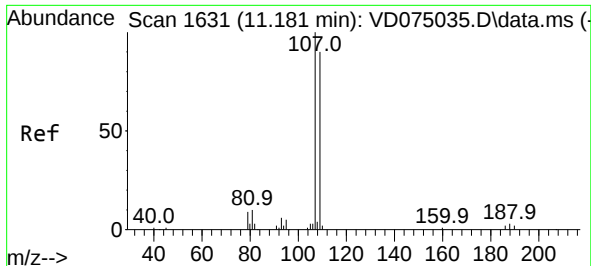
Tgt Ion: 43 Resp: 78003
Ion Ratio Lower Upper
43 100
58 55.1 30.8 92.4



#60
Dibromochloromethane
Concen: 20.221 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 129 Resp: 29625
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3

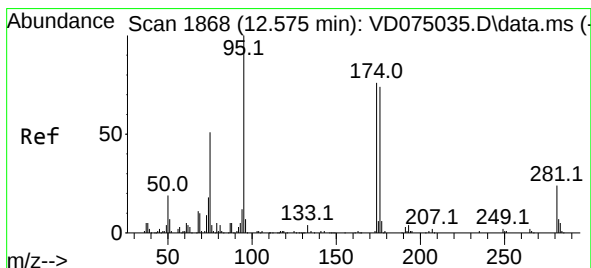
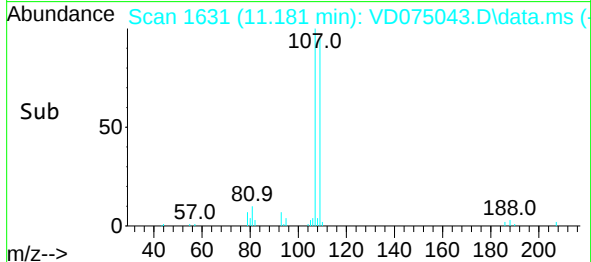
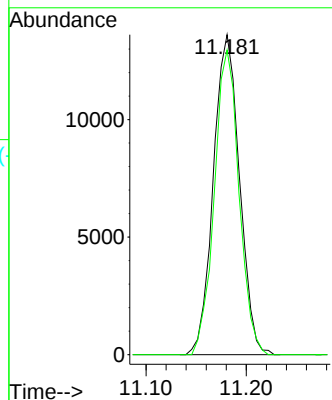
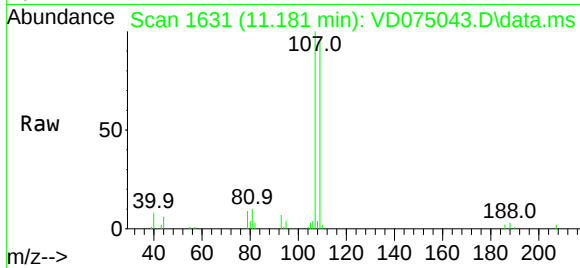




#61
1,2-Dibromoethane
Concen: 21.445 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

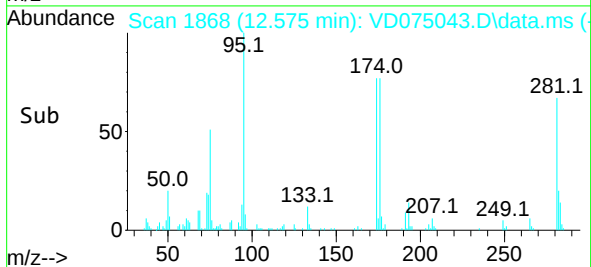
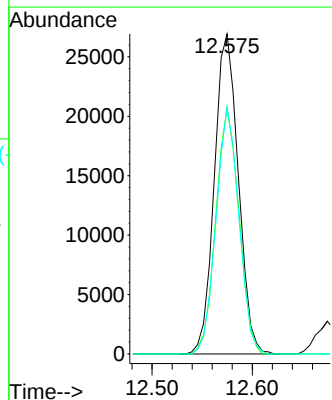
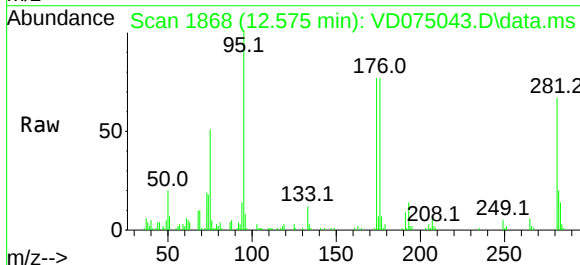
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

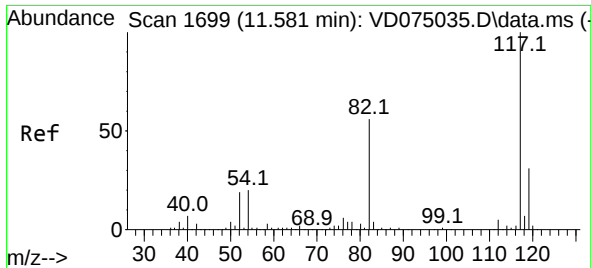
Tgt Ion:107 Resp: 24587
Ion Ratio Lower Upper
107 100
109 90.1 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 20.441 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 95 Resp: 44606
Ion Ratio Lower Upper
95 100
174 74.3 0.0 171.2
176 73.3 0.0 165.0

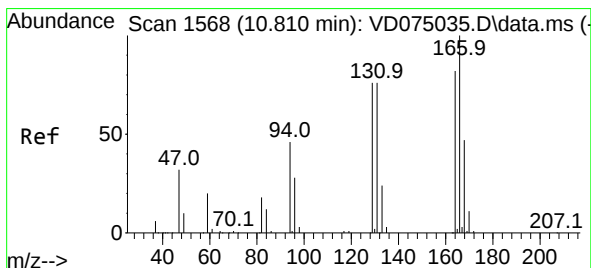
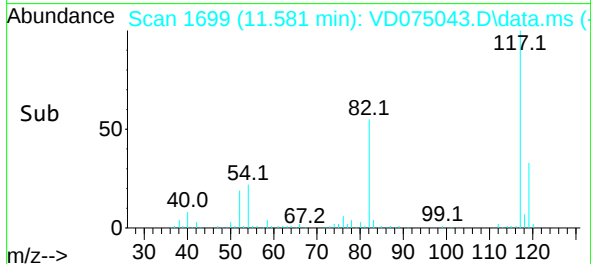
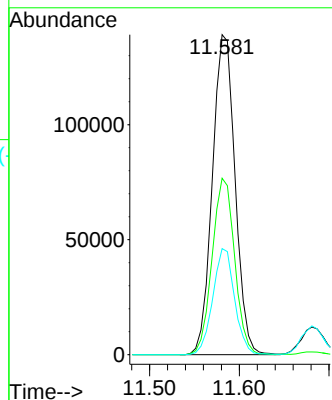
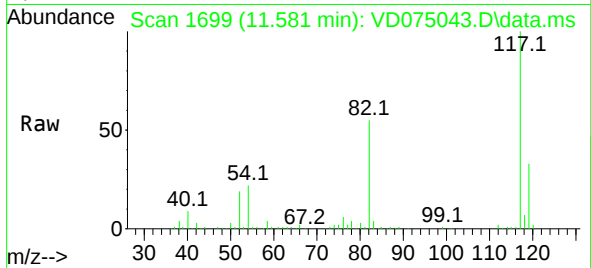




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

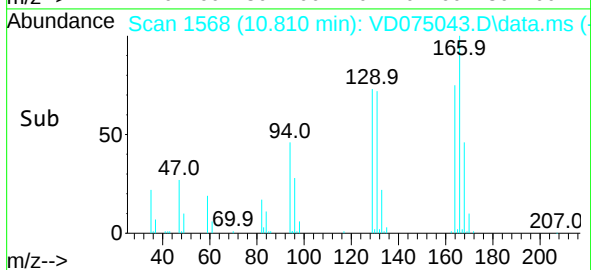
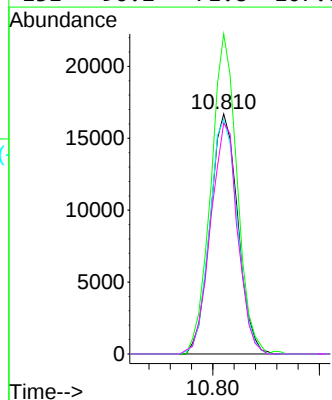
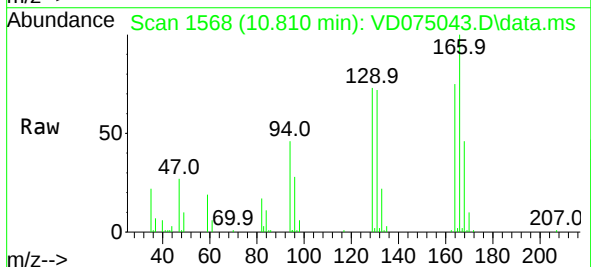
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

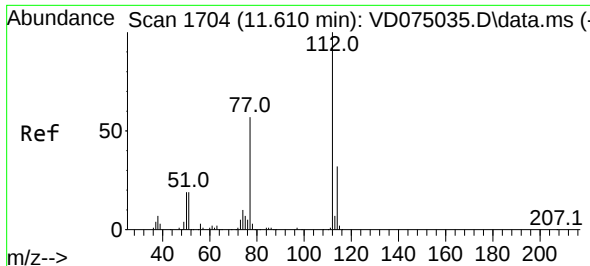
Tgt Ion:117 Resp: 244539
Ion Ratio Lower Upper
117 100
82 55.2 40.9 61.3
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.908 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:164 Resp: 29928
Ion Ratio Lower Upper
164 100
166 133.4 99.4 149.0
129 97.7 76.7 115.1
131 96.2 71.8 107.8

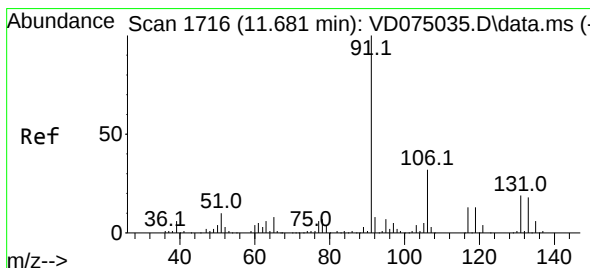
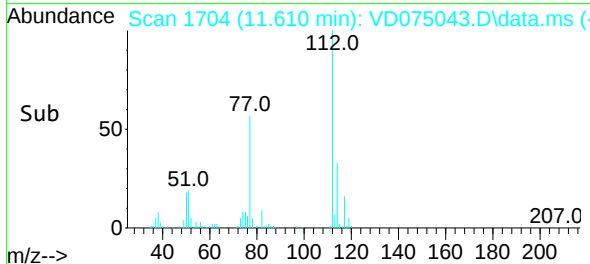
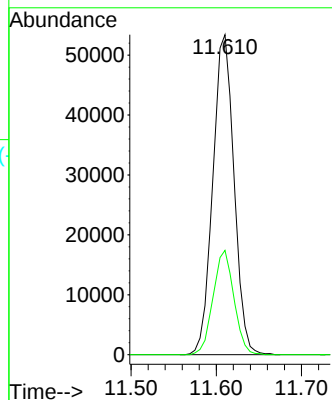
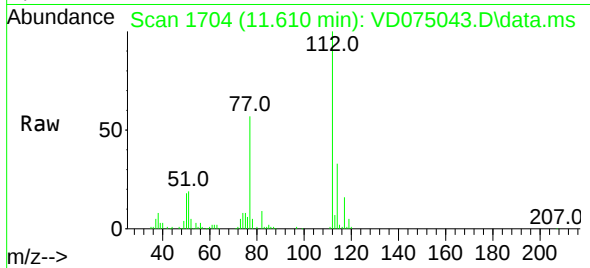




#65
Chlorobenzene
Concen: 20.730 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

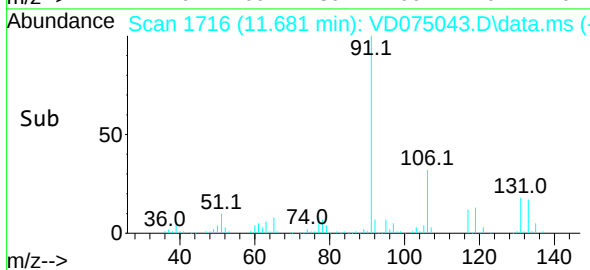
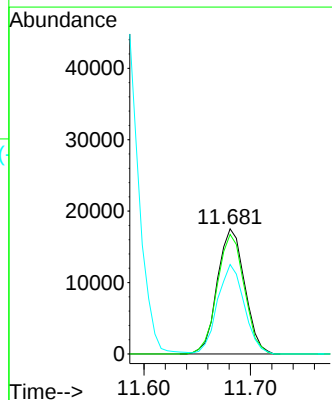
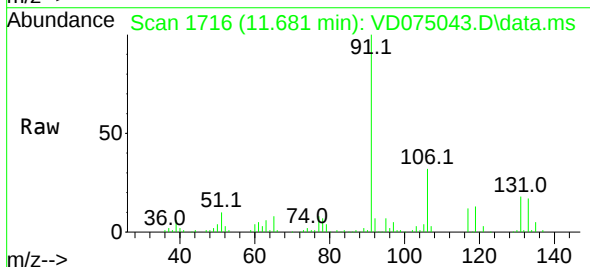
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

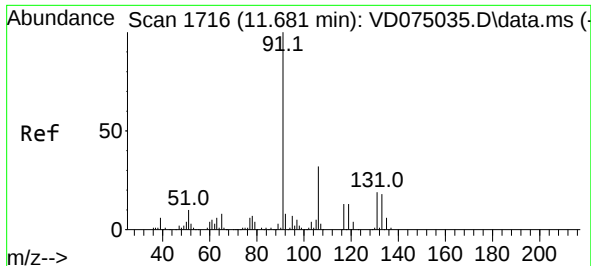
Tgt Ion:112 Resp: 92583
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.184 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:131 Resp: 31217
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.6
119 70.0 34.2 102.5

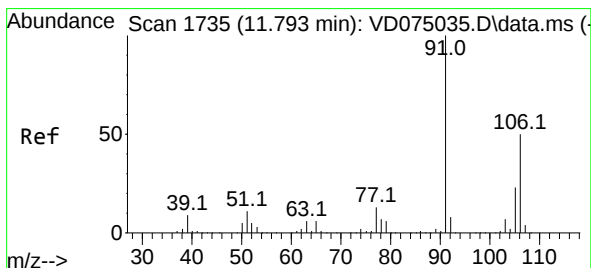
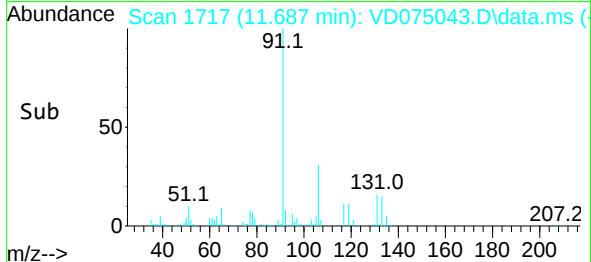
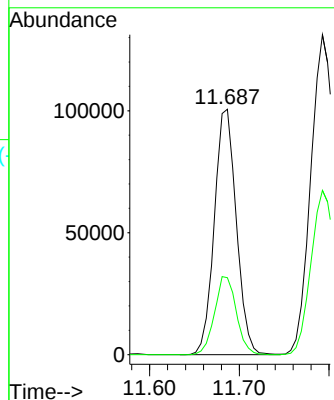
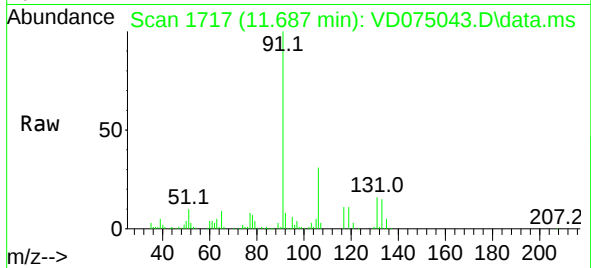




#67
Ethyl Benzene
Concen: 20.973 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

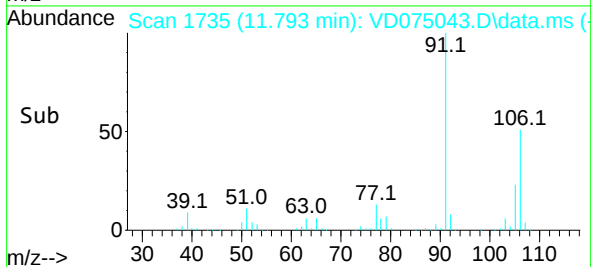
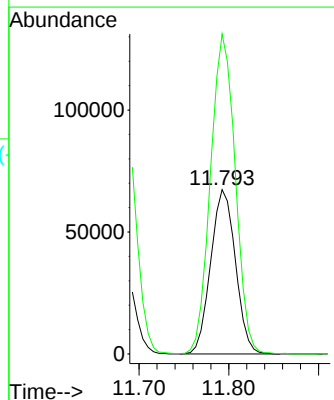
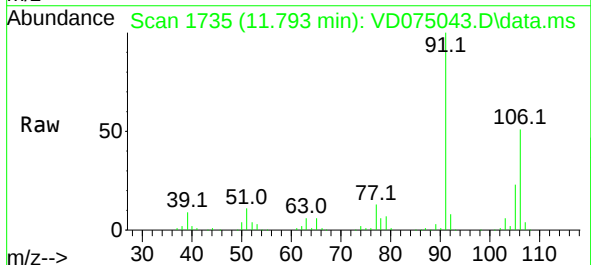
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

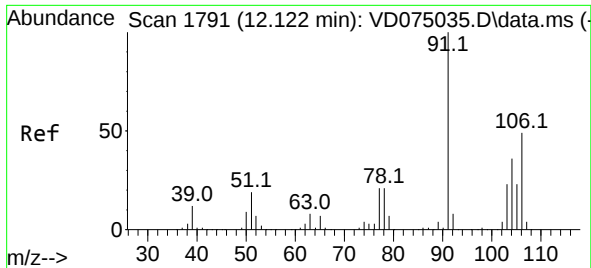
Tgt Ion: 91 Resp: 171435
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 41.640 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:106 Resp: 129050
Ion Ratio Lower Upper
106 100
91 195.0 156.3 234.5

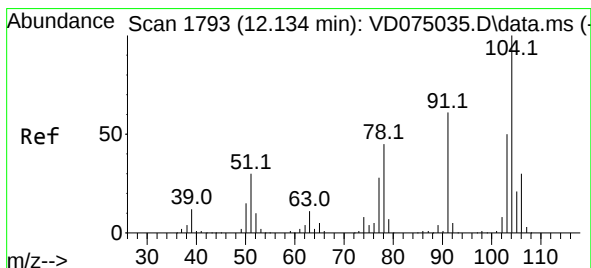
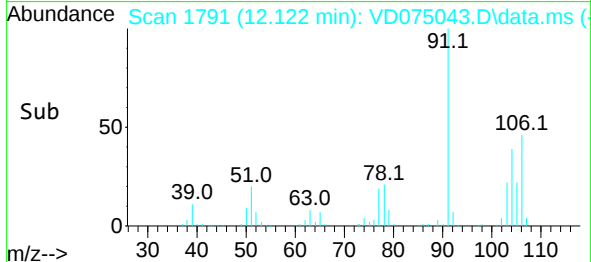
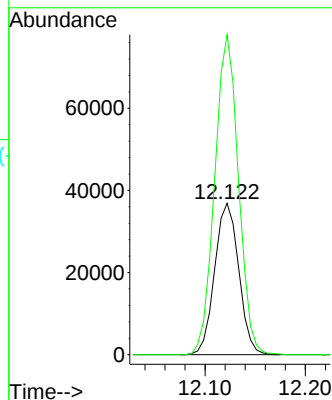
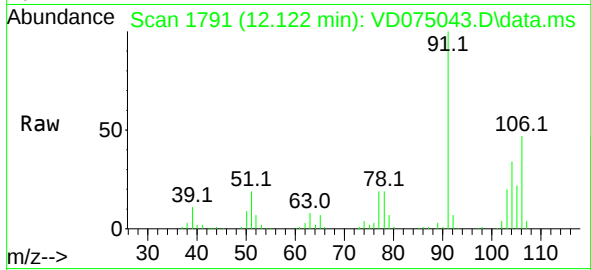




#69
o-Xylene
Concen: 20.618 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

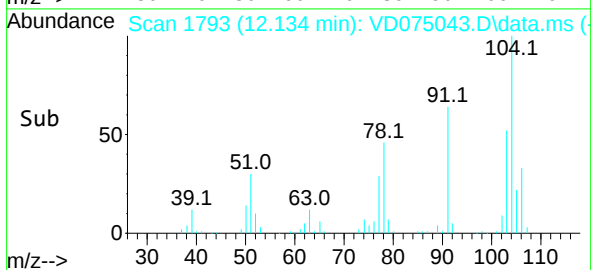
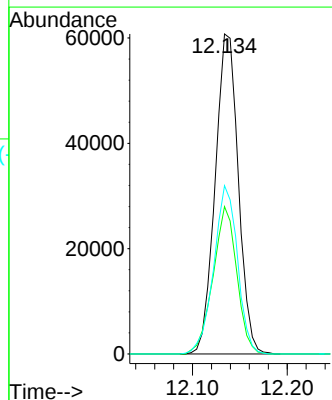
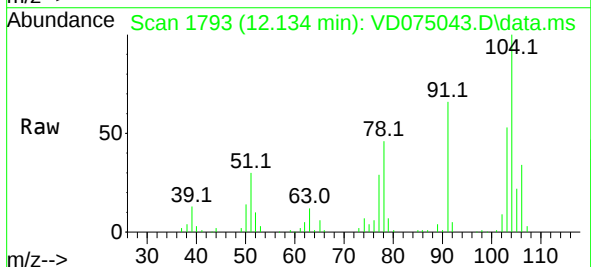
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

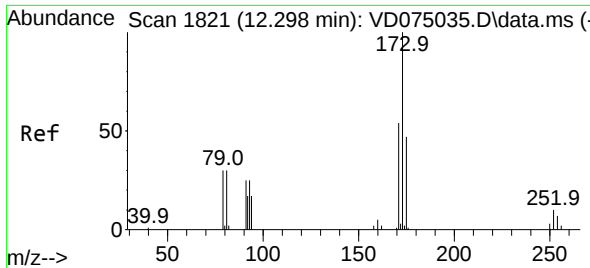
Tgt Ion:106 Resp: 61468
Ion Ratio Lower Upper
106 100
91 208.5 102.7 308.1



#70
Styrene
Concen: 20.638 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:104 Resp: 103442
Ion Ratio Lower Upper
104 100
78 47.1 35.5 53.3
103 53.9 43.9 65.9

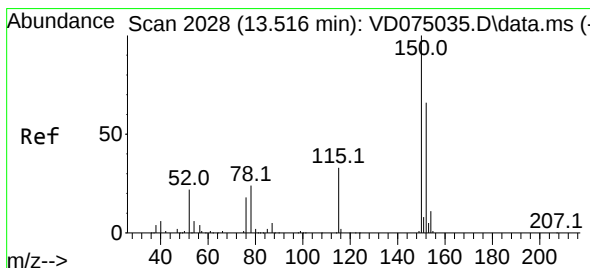
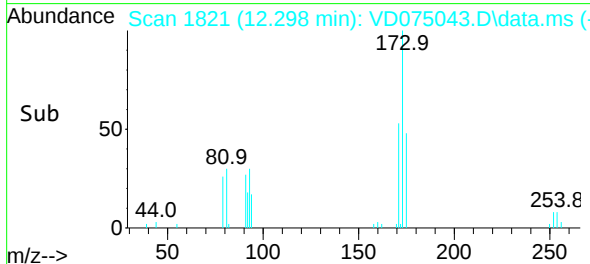
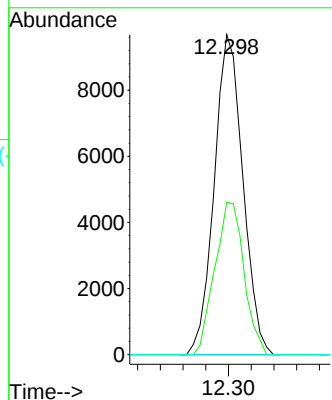
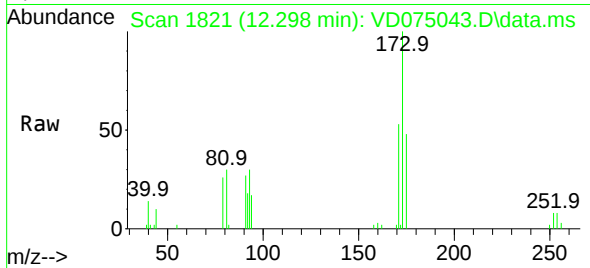




#71
Bromoform
Concen: 20.192 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

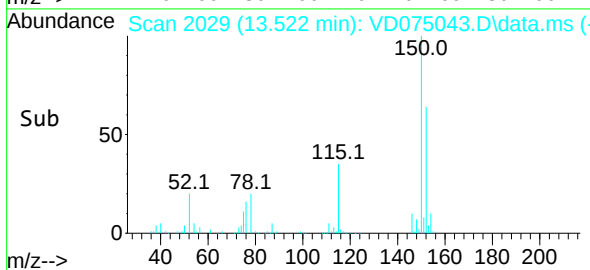
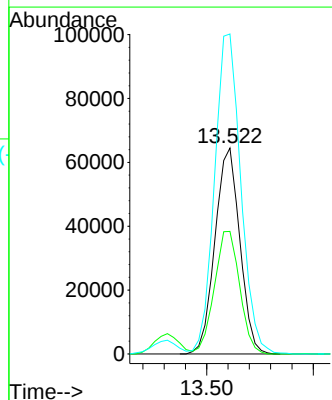
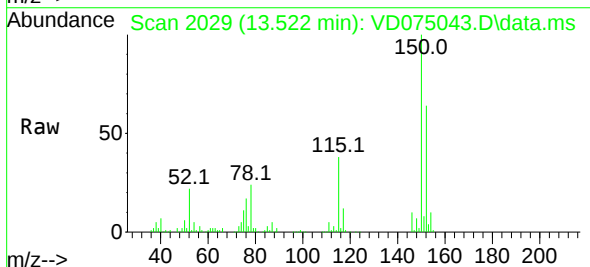
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

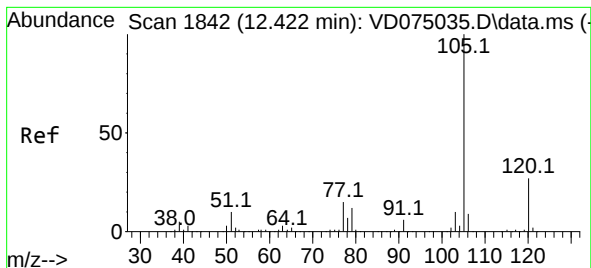
Tgt Ion:173 Resp: 16944
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:152 Resp: 104314
Ion Ratio Lower Upper
152 100
115 60.7 28.8 86.5
150 164.7 0.0 354.2





#73

Isopropylbenzene

Concen: 20.377 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

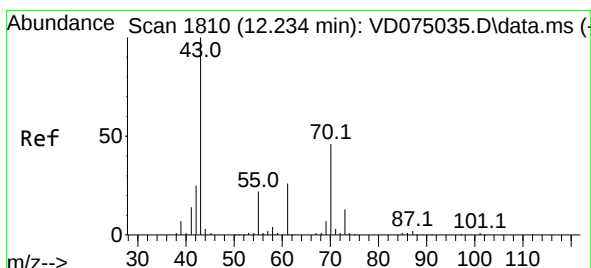
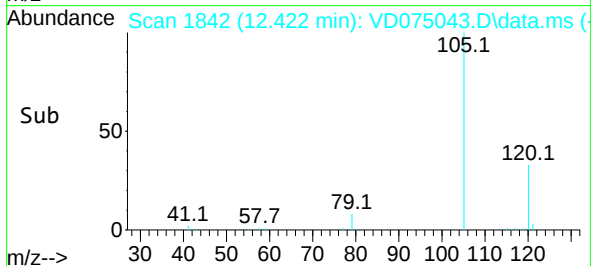
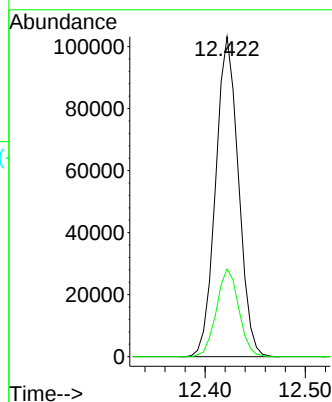
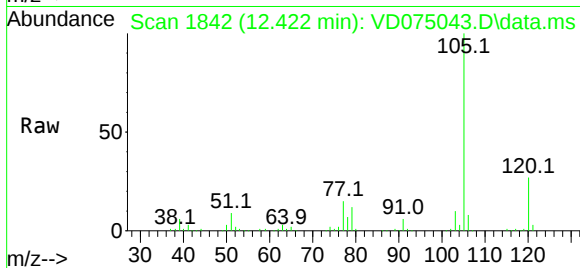
VSTDIC020

Tgt Ion:105 Resp: 162970

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 20.062 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Tgt Ion: 43 Resp: 40725

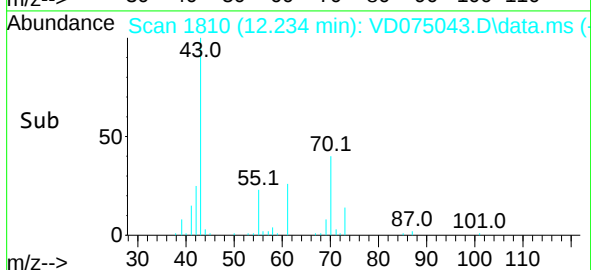
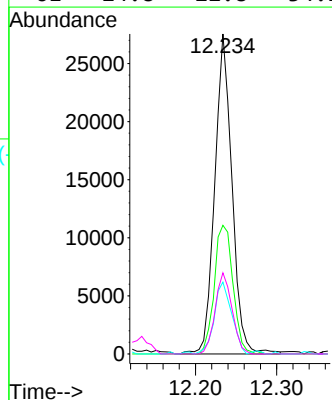
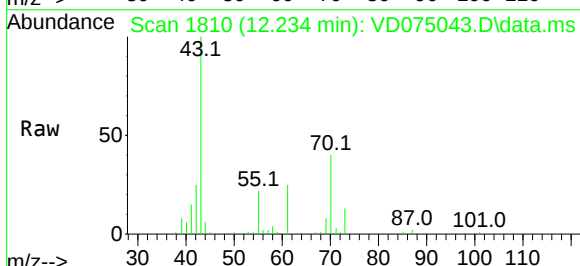
Ion Ratio Lower Upper

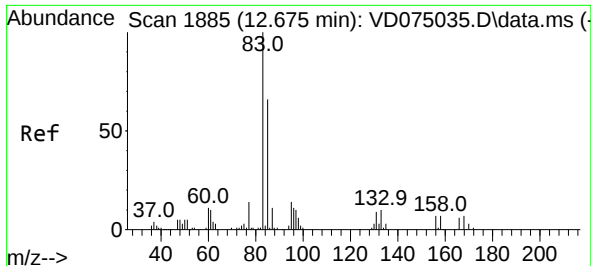
43 100

70 43.6 40.6 60.8

55 22.8 22.0 33.0

61 24.8 22.8 34.2

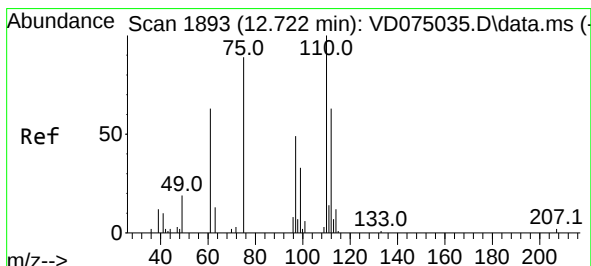
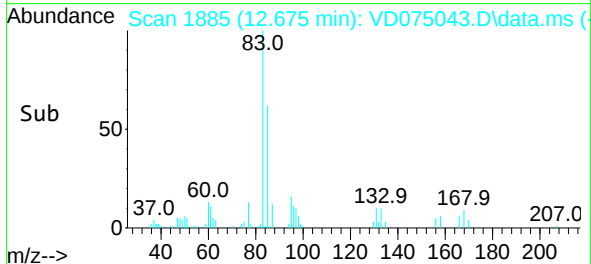
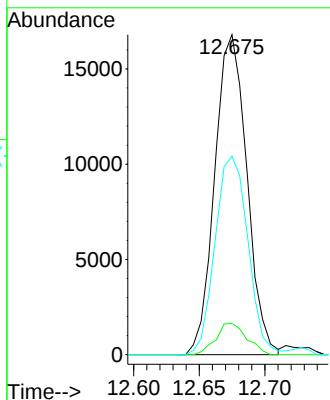
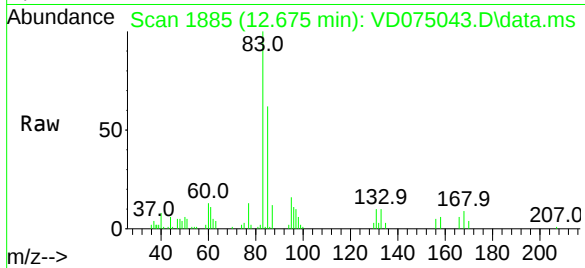




#75
1,1,2,2-Tetrachloroethane
Concen: 20.061 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

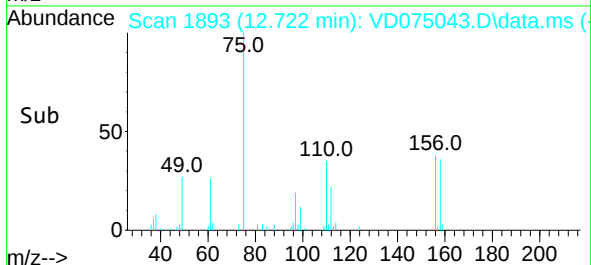
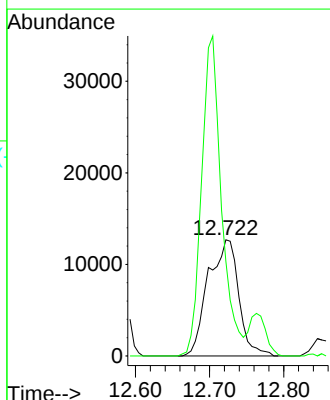
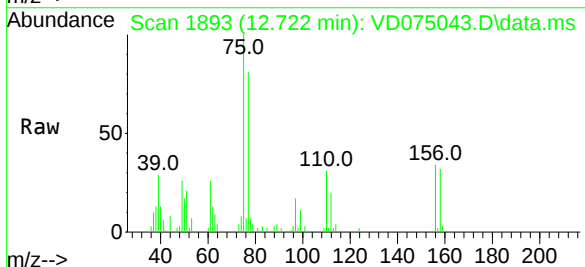
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

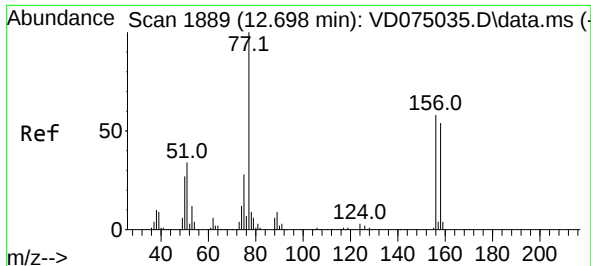
Tgt Ion: 83 Resp: 28609
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 63.5 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 33.917 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 75 Resp: 36277
Ion Ratio Lower Upper
75 100
77 179.8 0.0 0.0#

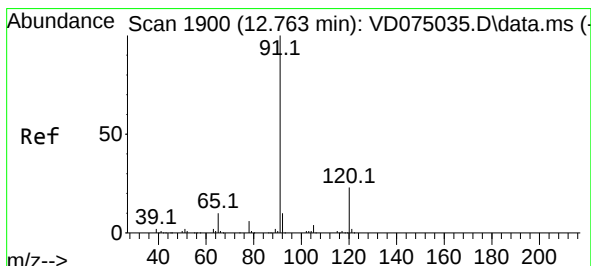
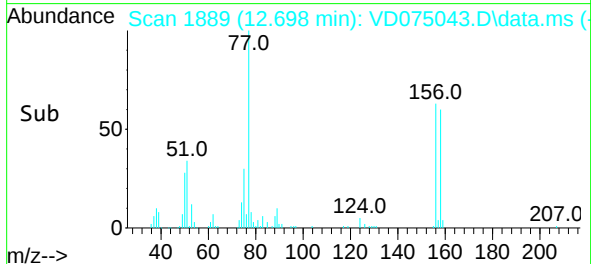
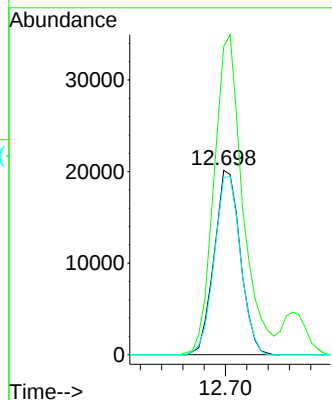
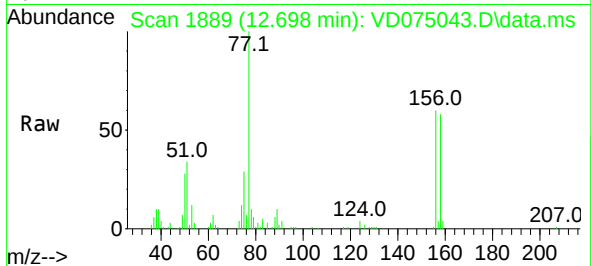




#77
Bromobenzene
Concen: 20.095 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

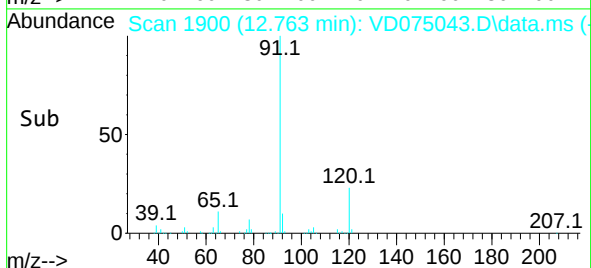
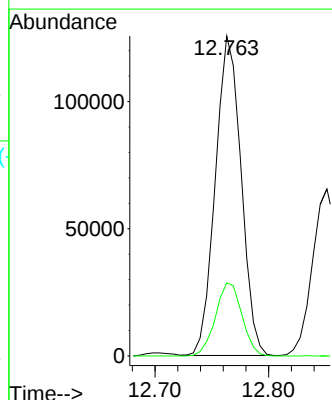
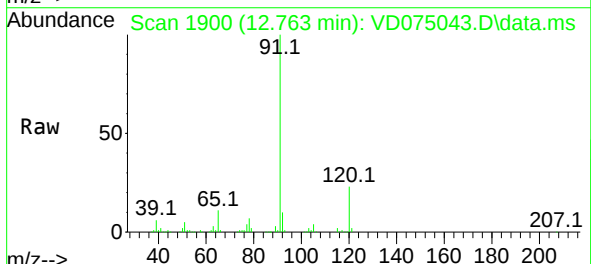
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

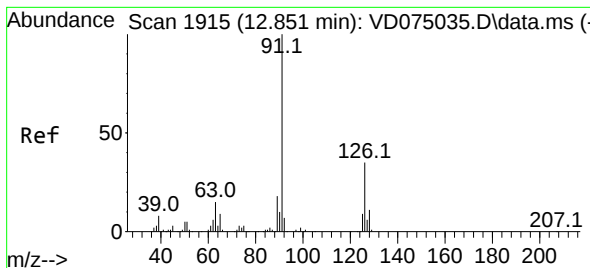
Tgt Ion:156 Resp: 34305
Ion Ratio Lower Upper
156 100
77 190.2 86.3 258.9
158 97.3 48.3 144.9



#78
n-propylbenzene
Concen: 20.221 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 91 Resp: 198085
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7





#79

2-Chlorotoluene

Concen: 20.040 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

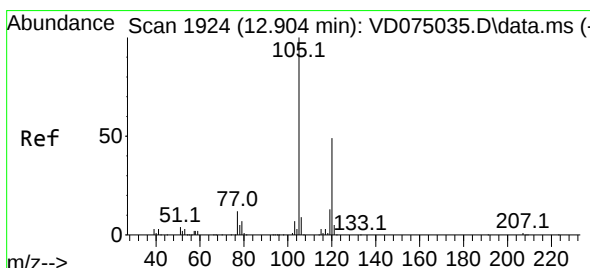
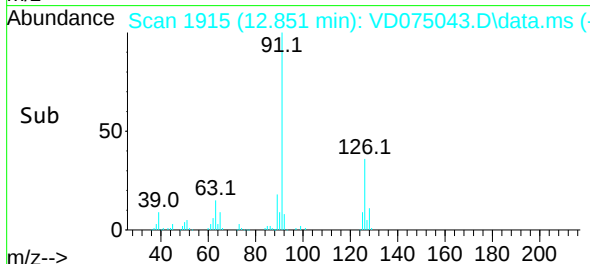
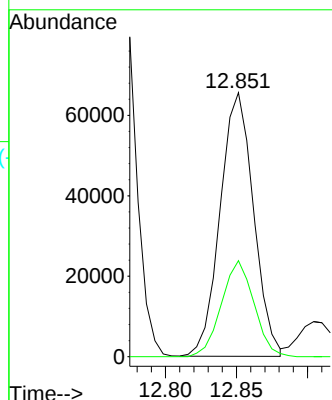
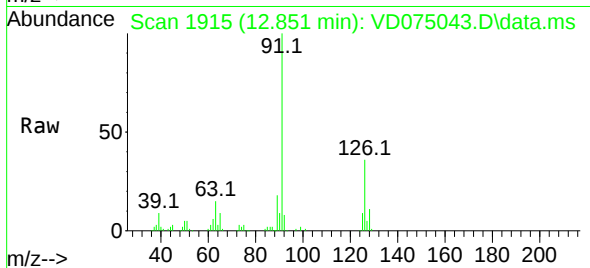
VSTDIC020

Tgt Ion: 91 Resp: 107249

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075043.D

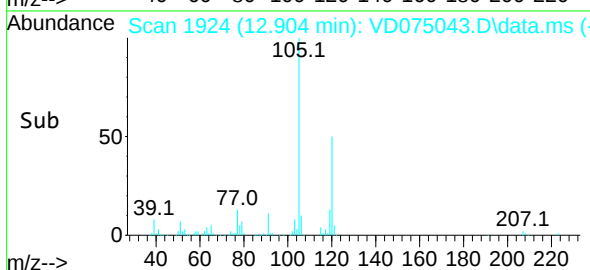
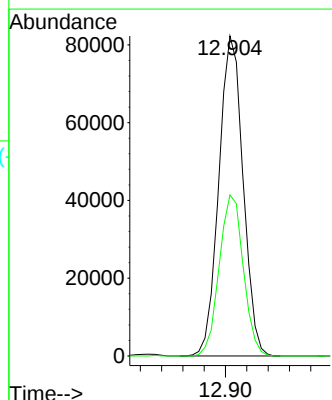
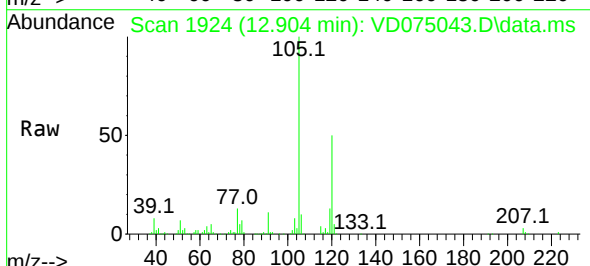
Acq: 22 Dec 2022 11:52

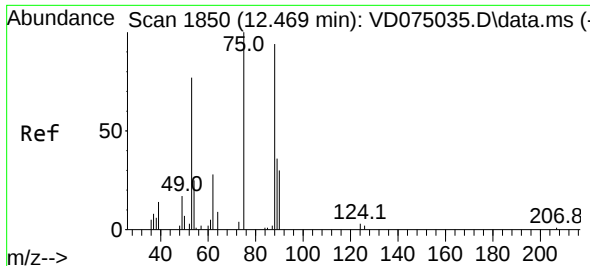
Tgt Ion: 105 Resp: 129708

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3

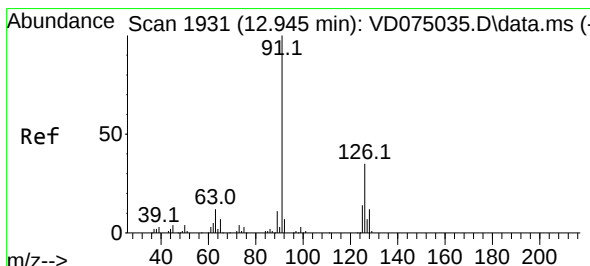
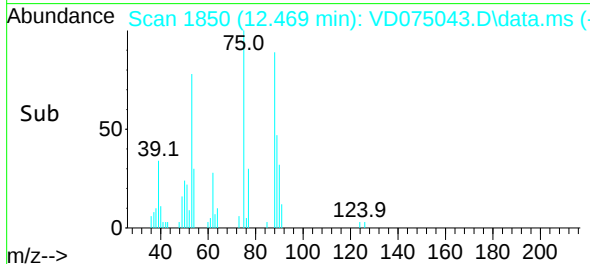
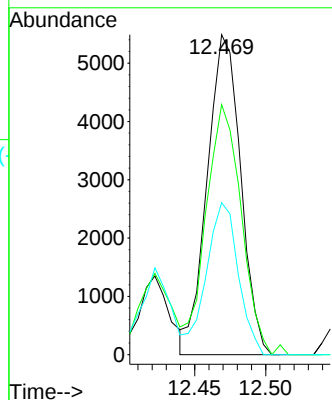
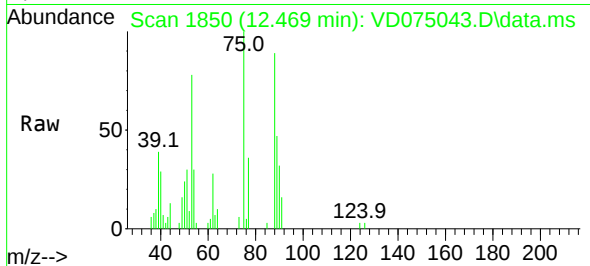




#81
trans-1,4-Dichloro-2-butene
Concen: 19.472 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

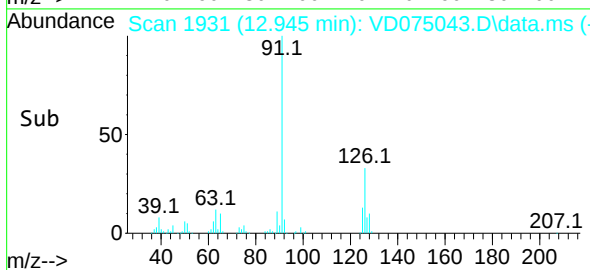
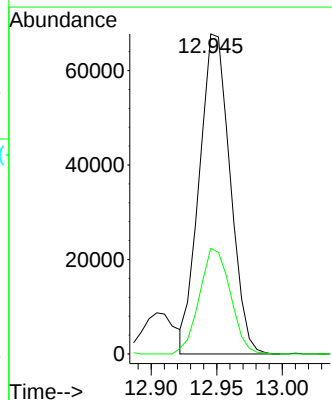
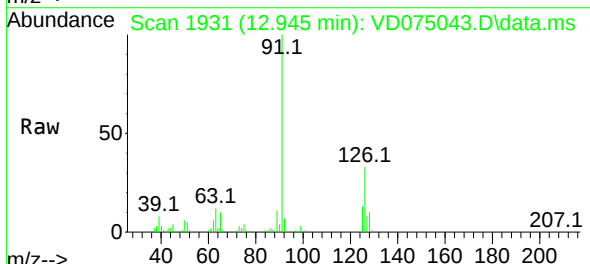
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

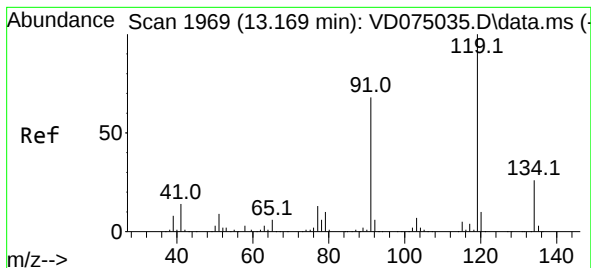
Tgt Ion:	75	Resp:	8986
Ion	Ratio	Lower	Upper
75	100		
53	82.8	60.0	90.0
89	45.7	37.4	56.0



#82
4-Chlorotoluene
Concen: 20.260 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:	91	Resp:	110627
Ion	Ratio	Lower	Upper
91	100		
126	33.3	18.1	54.1

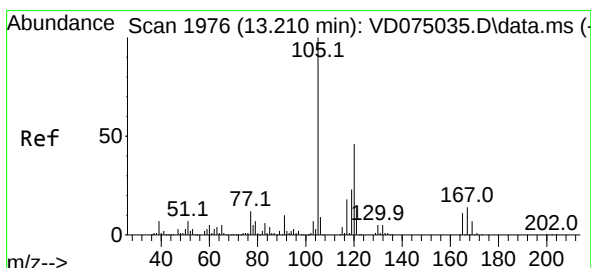
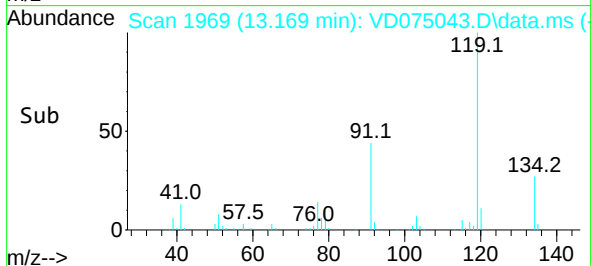
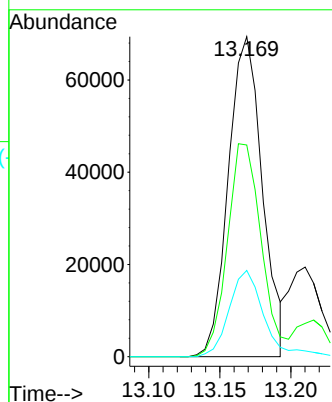
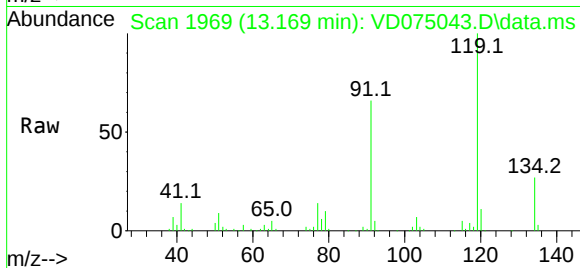




#83
tert-Butylbenzene
Concen: 20.250 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

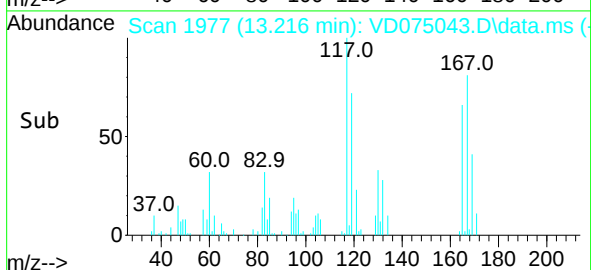
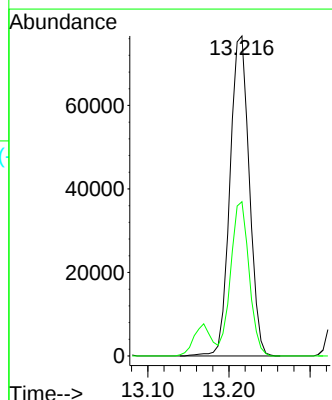
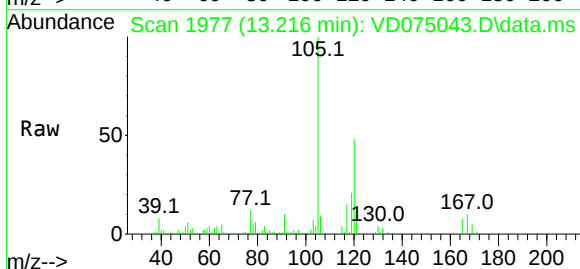
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

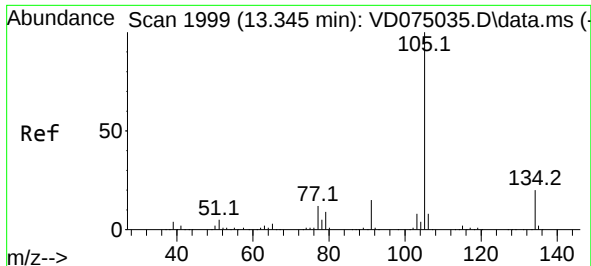
Tgt Ion:119 Resp: 115621
Ion Ratio Lower Upper
119 100
91 66.5 31.2 93.6
134 27.5 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 20.140 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:105 Resp: 126345
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.3

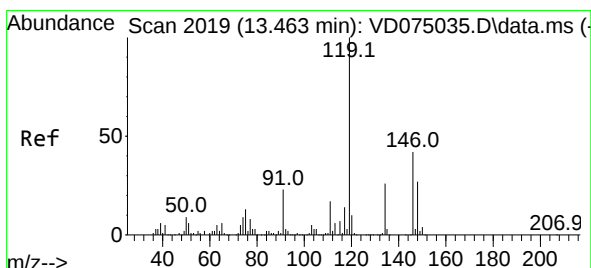
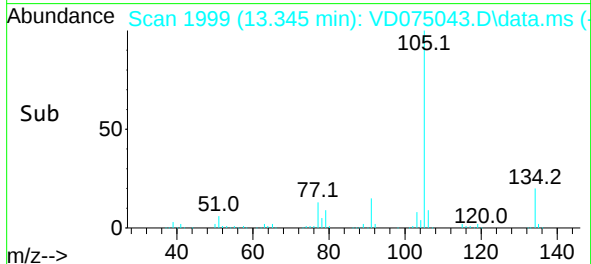
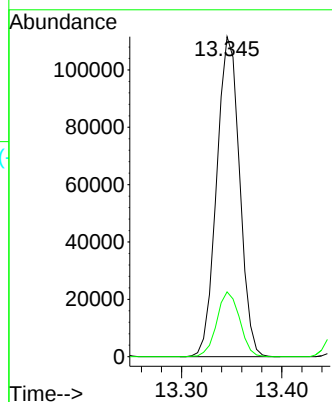
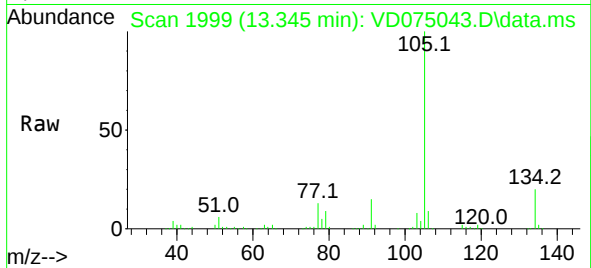




#85
 sec-Butylbenzene
 Concen: 20.212 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

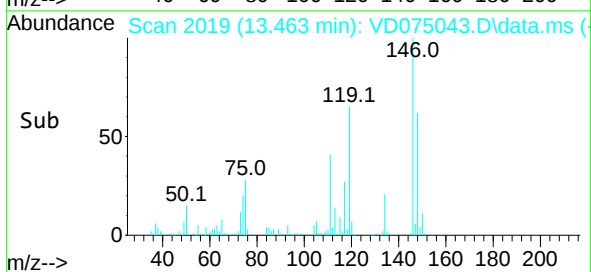
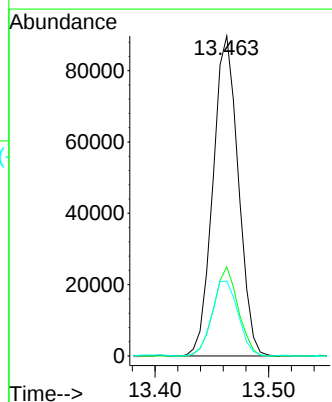
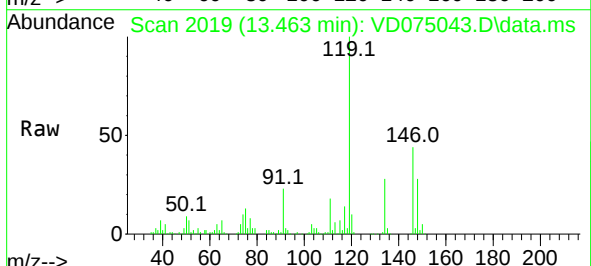
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

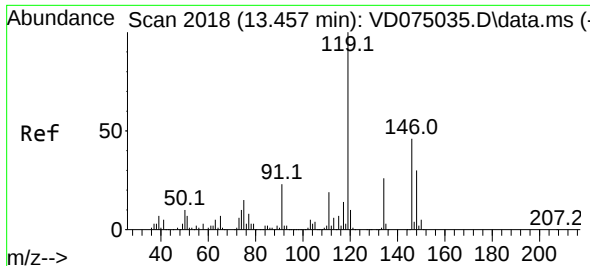
Tgt Ion:105 Resp: 177185
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.898 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion:119 Resp: 139150
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 24.4 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.099 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

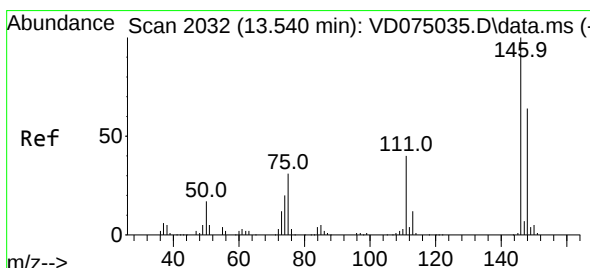
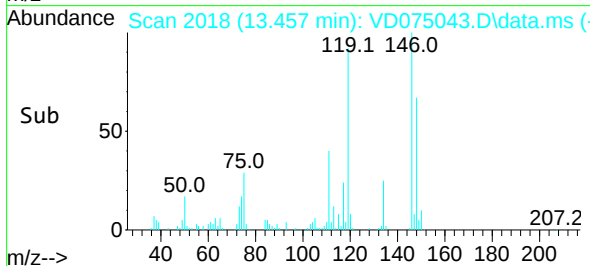
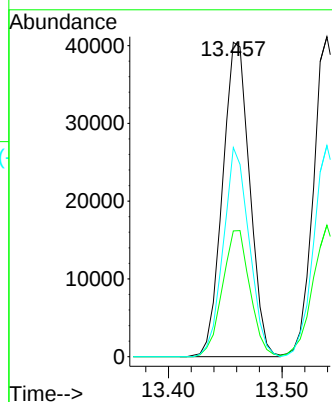
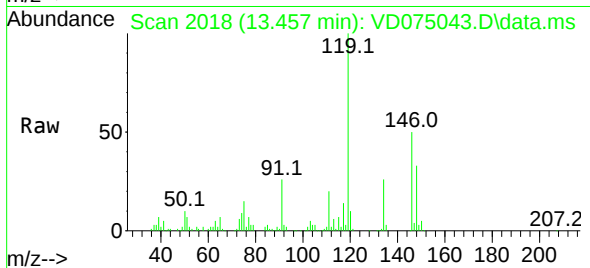
Tgt Ion:146 Resp: 67041

Ion Ratio Lower Upper

146 100

111 40.8 19.1 57.5

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.274 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

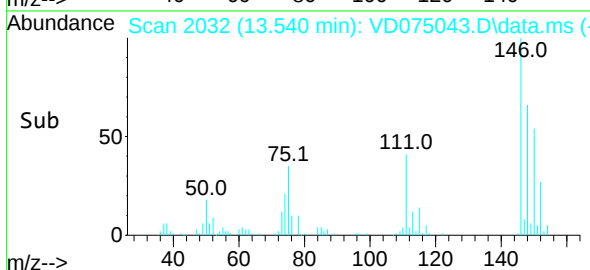
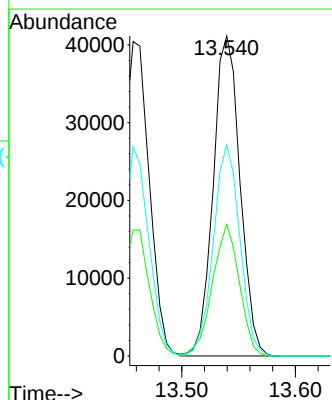
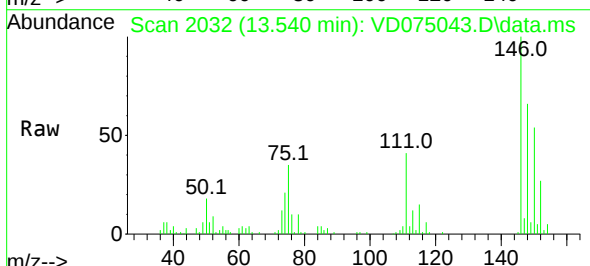
Tgt Ion:146 Resp: 67549

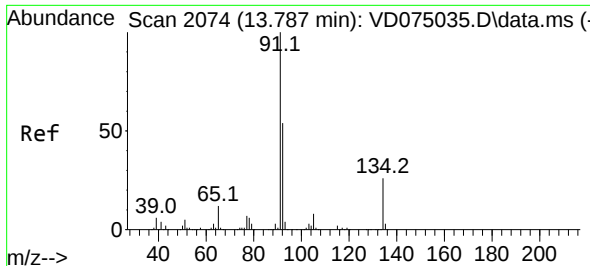
Ion Ratio Lower Upper

146 100

111 41.2 18.6 55.6

148 65.4 32.0 96.2

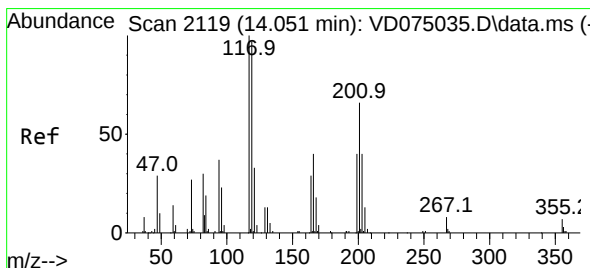
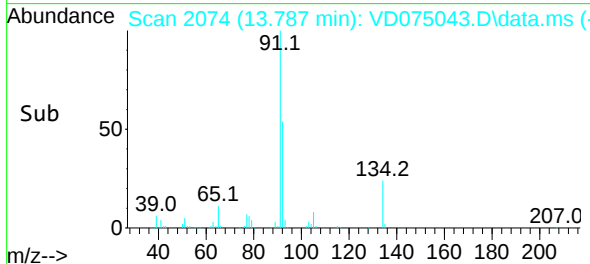
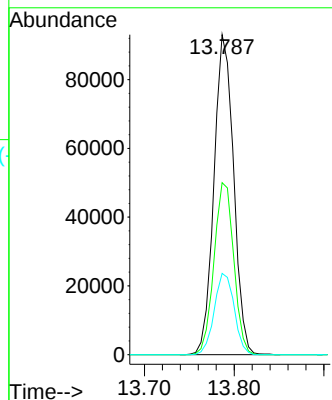
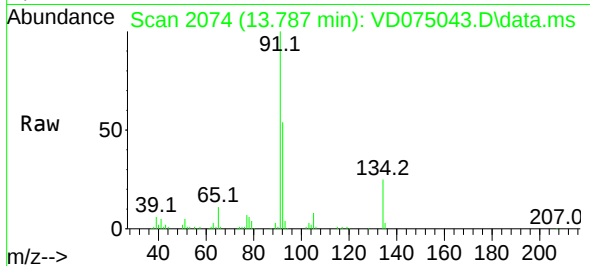




#89
n-Butylbenzene
Concen: 20.237 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

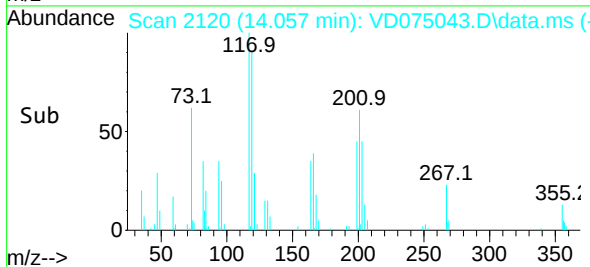
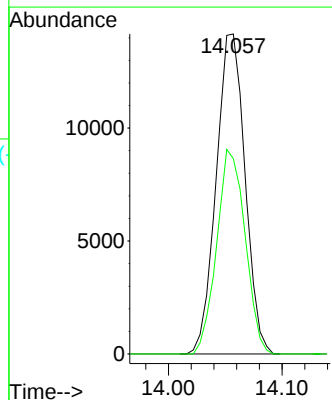
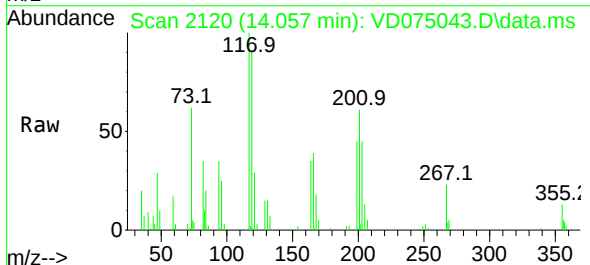
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

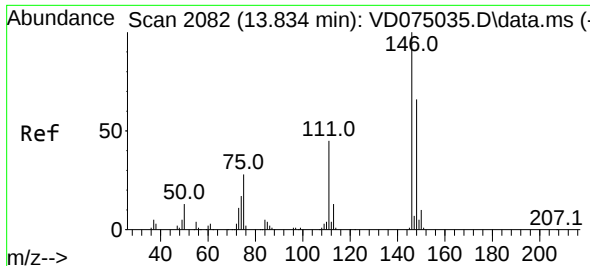
Tgt Ion: 91 Resp: 141349
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.8 13.3 39.8



#90
Hexachloroethane
Concen: 20.128 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion: 117 Resp: 25013
Ion Ratio Lower Upper
117 100
201 62.8 35.1 105.3

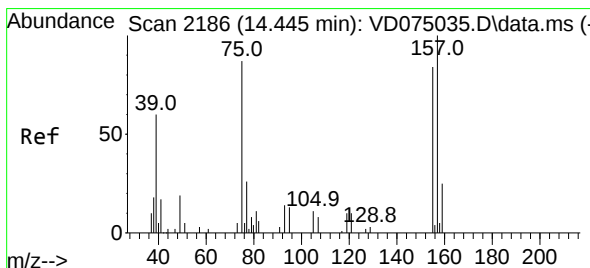
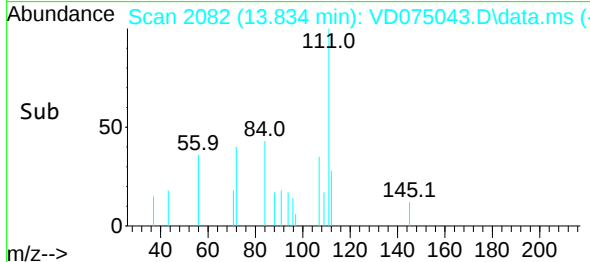
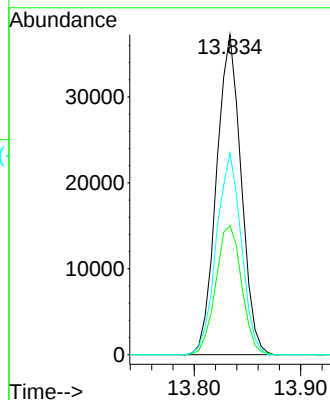
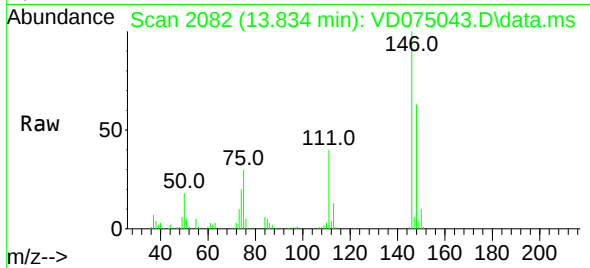




#91
1,2-Dichlorobenzene
Concen: 20.294 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

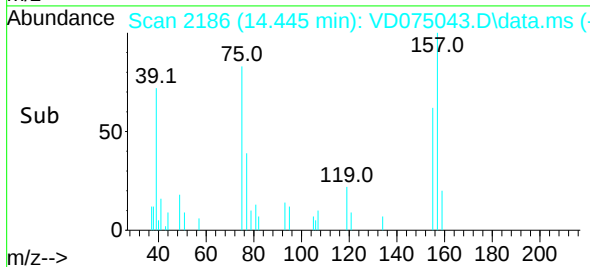
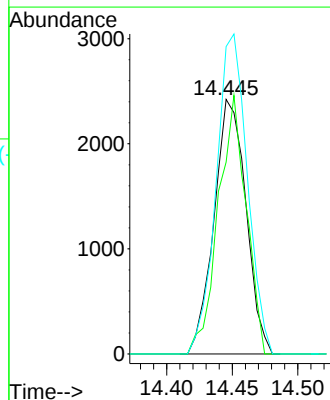
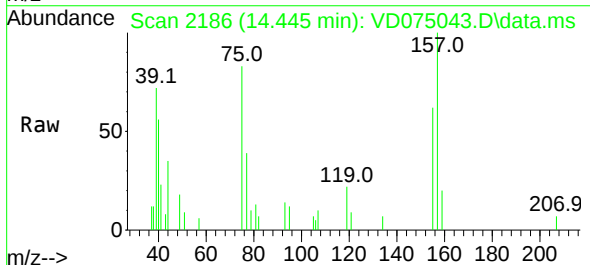
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

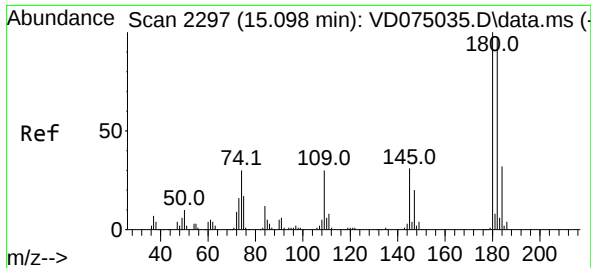
Tgt Ion:	146	Resp:	59811
Ion Ratio	Lower	Upper	
146	100		
111	42.3	19.9	59.7
148	63.7	31.9	95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.700 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075043.D
Acq: 22 Dec 2022 11:52

Tgt Ion:	75	Resp:	4098
Ion Ratio	Lower	Upper	
75	100		
155	88.8	47.1	141.4
157	122.8	56.7	170.1

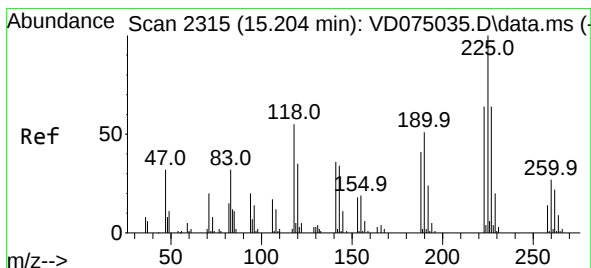
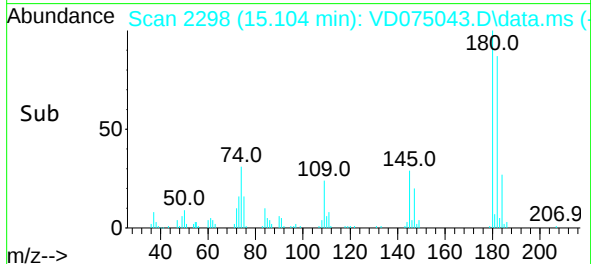
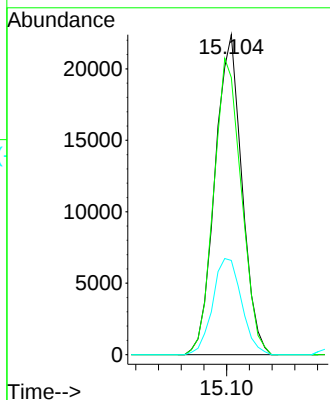
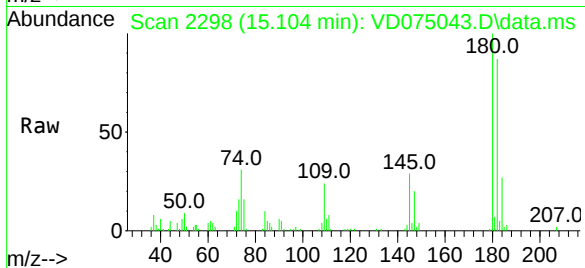




#93
 1,2,4-Trichlorobenzene
 Concen: 19.006 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

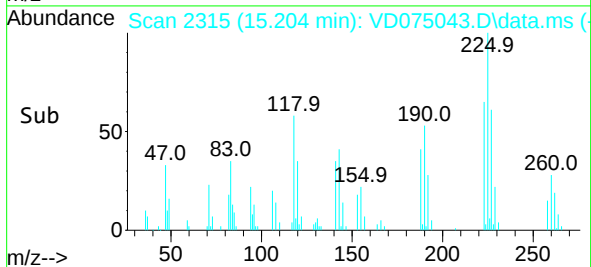
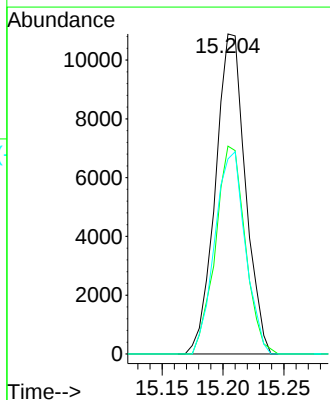
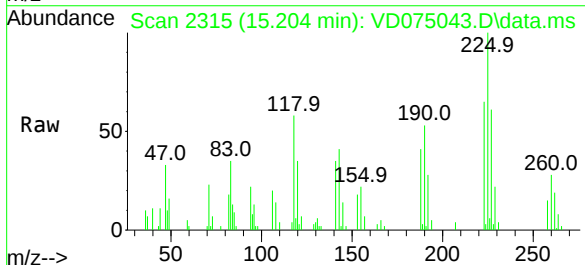
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

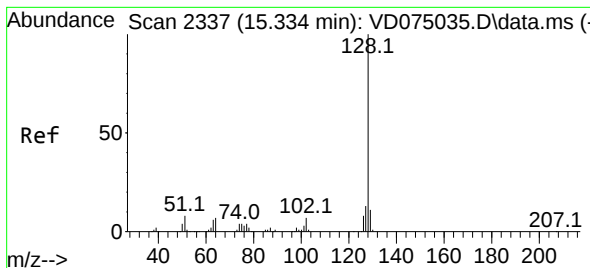
Tgt Ion:180 Resp: 36807
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.5 145.5
 145 32.3 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 19.250 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD075043.D
 Acq: 22 Dec 2022 11:52

Tgt Ion:225 Resp: 18636
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.0 93.0
 227 64.3 31.0 93.0





#95

Naphthalene

Concen: 19.856 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

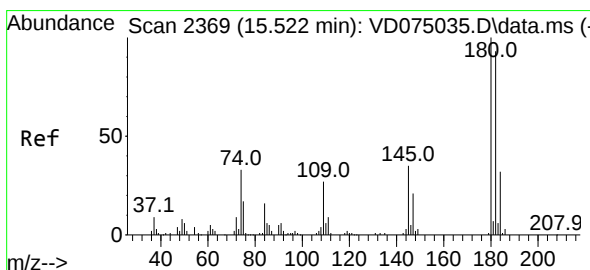
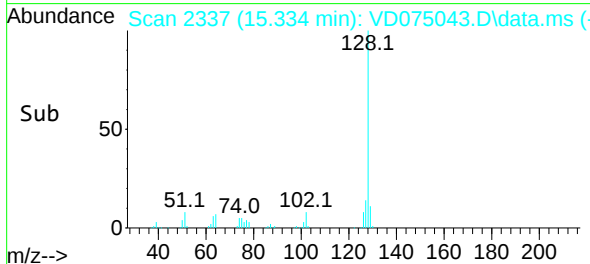
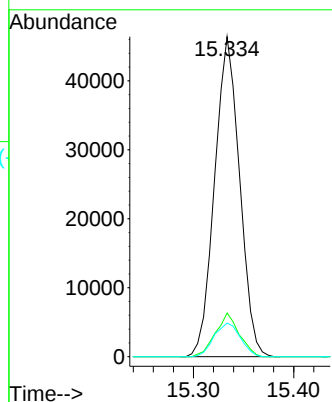
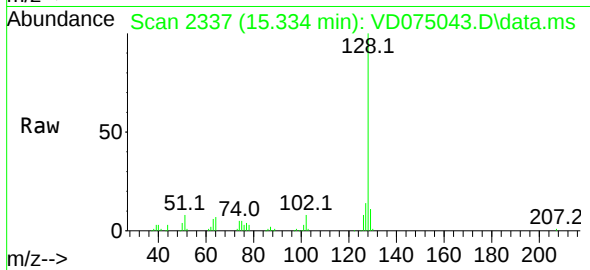
Tgt Ion:128 Resp: 80257

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.561 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD075043.D

Acq: 22 Dec 2022 11:52

Tgt Ion:180 Resp: 32511

Ion Ratio Lower Upper

180 100

182 93.3 46.3 138.9

145 34.5 15.3 45.9

