

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\Not Reviewed Data\
 Data File : VD075045.D
 Acq On : 22 Dec 2022 12:48
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 23 06:06:22 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	153338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	139138	92.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.660%#	
35) Dibromofluoromethane	7.805	113	151393	95.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 190.960%#	
50) Toluene-d8	10.269	98	597277	93.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 186.460%#	
62) 4-Bromofluorobenzene	12.575	95	188495	90.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 181.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	70777	99.071	ug/l	100
3) Chloromethane	2.146	50	113397	95.560	ug/l	98
4) Vinyl Chloride	2.275	62	115890	91.134	ug/l	100
5) Bromomethane	2.675	94	52283	100.078	ug/l	99
6) Chloroethane	2.828	64	72360	89.876	ug/l	95
7) Trichlorofluoromethane	3.170	101	184410	94.491	ug/l	96
8) Diethyl Ether	3.587	74	68617	91.692	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	133545	97.124	ug/l	99
10) Methyl Iodide	4.158	142	126040	106.786	ug/l	99
11) Tert butyl alcohol	5.058	59	51212	465.898	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	122434	92.155	ug/l	86
13) Acrolein	3.793	56	74971	415.479	ug/l	97
14) Allyl chloride	4.558	41	215007	93.003	ug/l #	91
15) Acrylonitrile	5.258	53	174995	461.813	ug/l	99
16) Acetone	4.022	43	189399	486.541	ug/l	98
17) Carbon Disulfide	4.264	76	233466	97.600	ug/l	100
18) Methyl Acetate	4.564	43	80127	92.210	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	326799	92.608	ug/l	97
20) Methylene Chloride	4.799	84	155505	96.490	ug/l #	82
21) trans-1,2-Dichloroethene	5.311	96	131807	89.395	ug/l #	86
22) Diisopropyl ether	6.216	45	455891	91.547	ug/l	93
23) Vinyl Acetate	6.152	43	1158858	501.839	ug/l #	93
24) 1,1-Dichloroethane	6.111	63	276396	95.028	ug/l	99
25) 2-Butanone	7.081	43	241267	464.440	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	245276	94.399	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	171965	92.459	ug/l	89
28) Bromochloromethane	7.428	49	91924	91.298	ug/l #	78
29) Tetrahydrofuran	7.440	42	133941	447.233	ug/l #	82
30) Chloroform	7.599	83	266978	94.004	ug/l	99
31) Cyclohexane	7.875	56	201491	98.540	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	232078	94.433	ug/l	96
36) 1,1-Dichloropropene	8.010	75	189509	92.528	ug/l	99
37) Ethyl Acetate	7.169	43	94578	91.416	ug/l #	93
38) Carbon Tetrachloride	7.987	117	178216	100.631	ug/l	99
39) Methylcyclohexane	9.269	83	225541	90.676	ug/l	93
40) Benzene	8.252	78	574117	92.072	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	56186	87.284	ug/l	93
42) 1,2-Dichloroethane	8.322	62	146533	92.108	ug/l	99
43) Isopropyl Acetate	8.357	43	188482	90.559	ug/l #	90
44) Trichloroethene	9.028	130	158756	92.438	ug/l	95
45) 1,2-Dichloropropane	9.305	63	158744	95.047	ug/l	94
46) Dibromomethane	9.393	93	75306	90.660	ug/l	97
47) Bromodichloromethane	9.587	83	205229	94.874	ug/l	97
48) Methyl methacrylate	9.381	41	87480	92.532	ug/l	85
49) 1,4-Dioxane	9.387	88	20008	1911.365	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	471650	458.729	ug/l	92
52) Toluene	10.334	92	362338	91.253	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	199178	94.637	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	238996	94.233	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	110827	91.117	ug/l	99
56) Ethyl methacrylate	10.599	69	147023	91.827	ug/l #	78
57) 1,3-Dichloropropane	10.881	76	190275	93.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	313196	476.570	ug/l	94
59) 2-Hexanone	10.922	43	352399	471.326	ug/l	91
60) Dibromochloromethane	11.075	129	131325	94.244	ug/l	99
61) 1,2-Dibromoethane	11.181	107	99947	91.657	ug/l	100
64) Tetrachloroethene	10.810	164	120719	90.722	ug/l	95
65) Chlorobenzene	11.610	112	389376	93.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	136499	94.938	ug/l	98
67) Ethyl Benzene	11.687	91	707968	93.168	ug/l	99
68) m/p-Xylenes	11.793	106	530172	184.019	ug/l	97
69) o-Xylene	12.122	106	256566	92.576	ug/l	97
70) Styrene	12.134	104	425648	91.352	ug/l	96
71) Bromoform	12.298	173	73851	94.670	ug/l #	98
73) Isopropylbenzene	12.422	105	692409	97.963	ug/l	100
74) N-amyl acetate	12.234	43	170586	95.084	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	120836	95.875	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	153222	162.094	ug/l #	100
77) Bromobenzene	12.704	156	144610	95.847	ug/l	91
78) n-propylbenzene	12.763	91	837338	96.720	ug/l	99
79) 2-Chlorotoluene	12.851	91	455252	96.254	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	548660	96.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	39216	96.151	ug/l	91
82) 4-Chlorotoluene	12.951	91	460454	95.415	ug/l	96
83) tert-Butylbenzene	13.169	119	489092	96.926	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	525799	94.838	ug/l	99
85) sec-Butylbenzene	13.345	105	746260	96.325	ug/l	99
86) p-Isopropyltoluene	13.463	119	595158	96.298	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	280511	95.158	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	277253	94.156	ug/l	98
89) n-Butylbenzene	13.787	91	596681	96.662	ug/l	99
90) Hexachloroethane	14.057	117	110264	100.399	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	247967	95.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18868	97.422	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	167347	97.779	ug/l	98
94) Hexachlorobutadiene	15.204	225	84717	99.017	ug/l	97
95) Naphthalene	15.334	128	350275	98.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	144140	98.131	ug/l	96

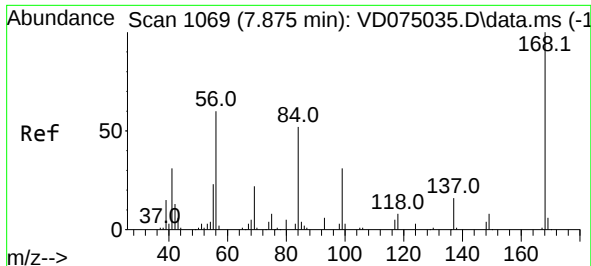
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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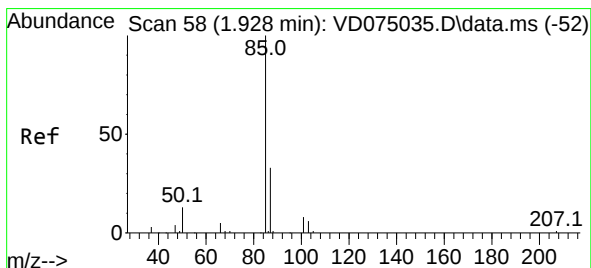
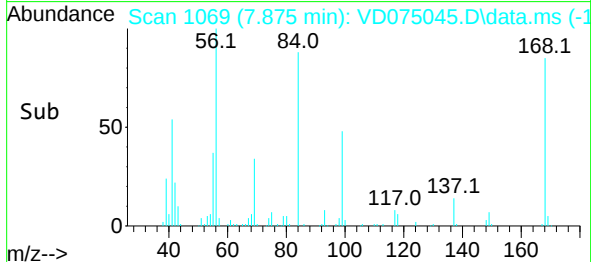
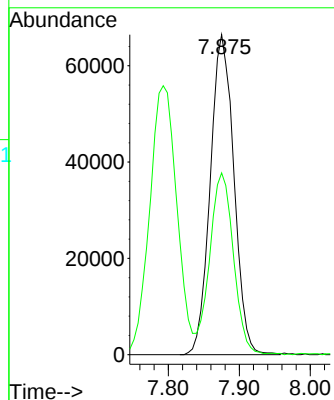
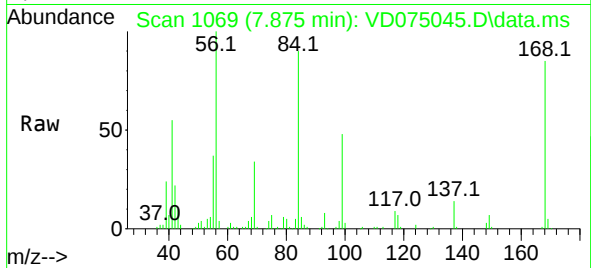
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075045.D
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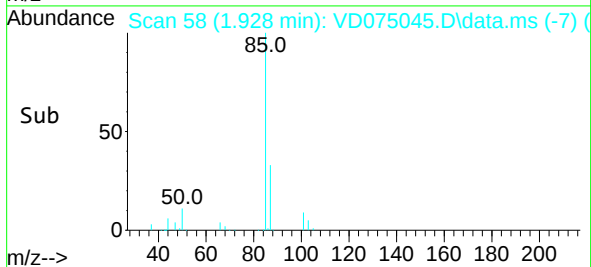
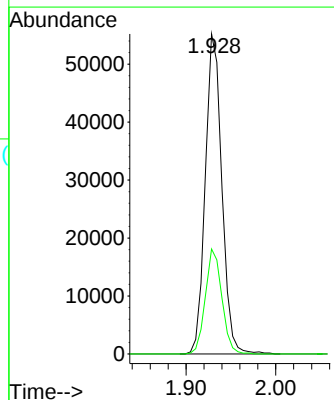
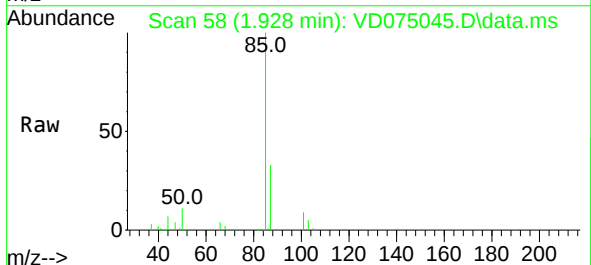
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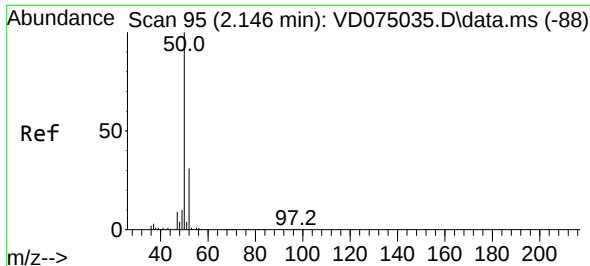
Tgt Ion:168 Resp: 153338
Ion Ratio Lower Upper
168 100
99 56.4 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 99.071 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 85 Resp: 70777
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5

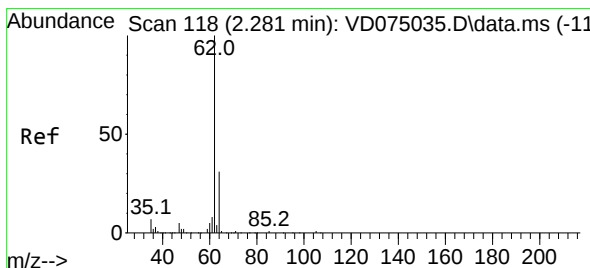
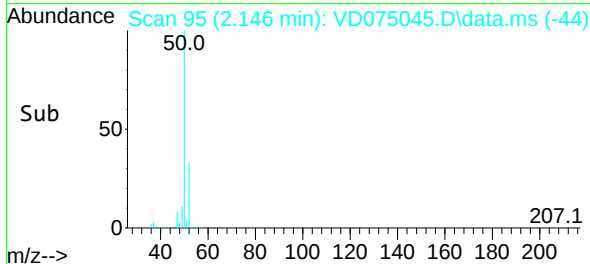
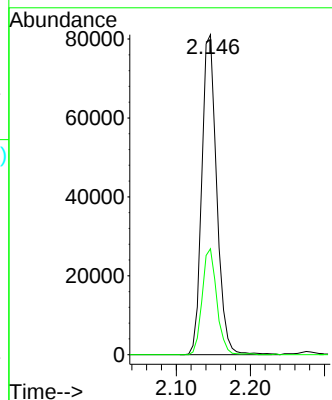
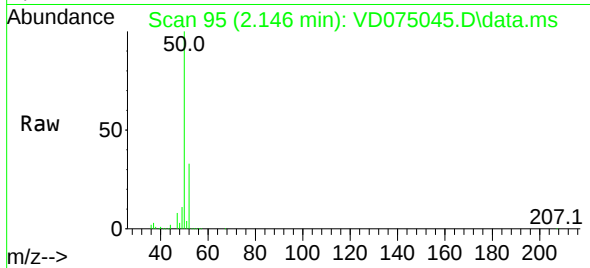




#3
Chloromethane
Concen: 95.560 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

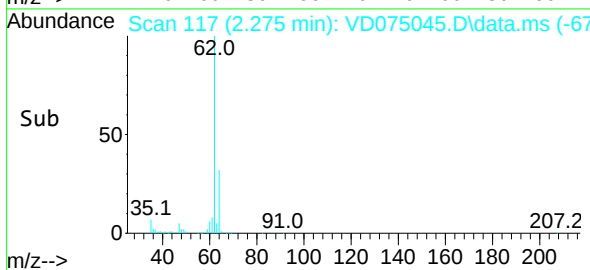
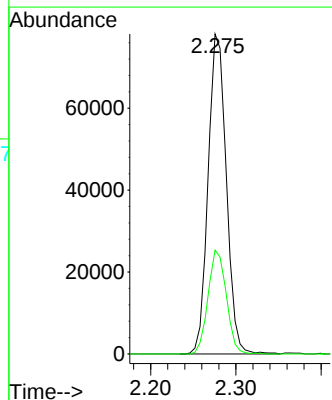
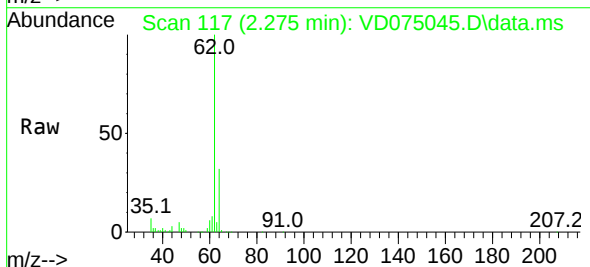
Instrument :
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ClientSampleId :
VSTDIC100

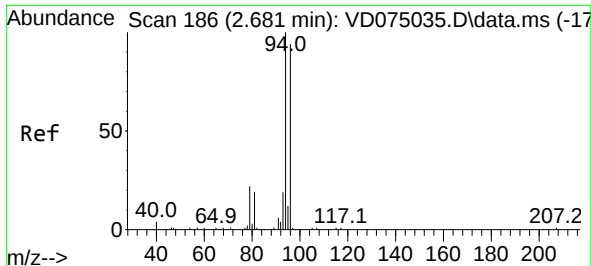
Tgt Ion: 50 Resp: 113397
Ion Ratio Lower Upper
50 100
52 33.1 27.2 40.8



#4
Vinyl Chloride
Concen: 91.134 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 62 Resp: 115890
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6

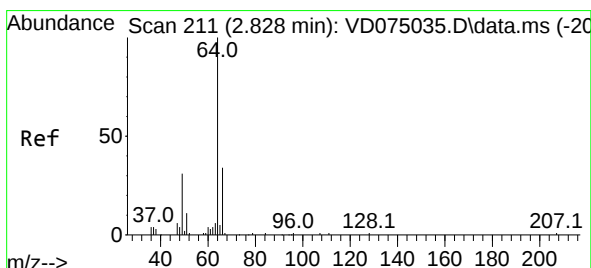
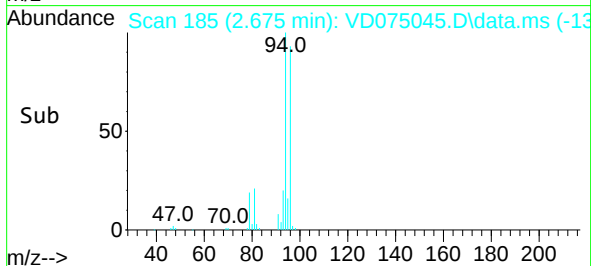
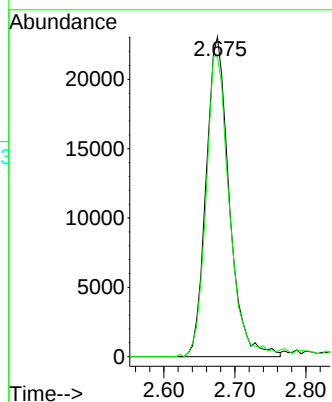
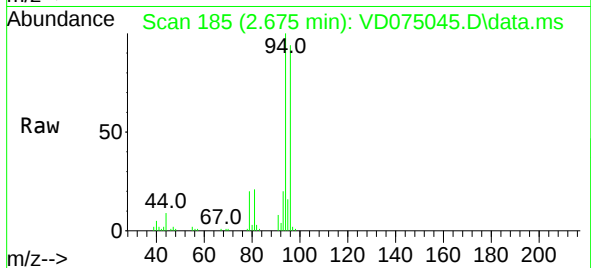




#5
Bromomethane
Concen: 100.078 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

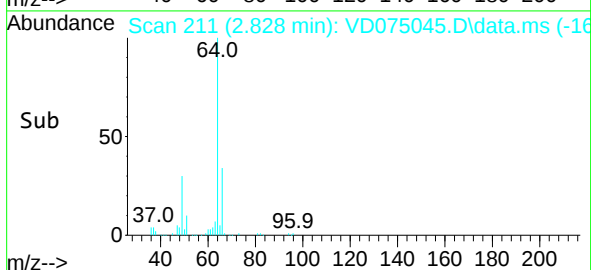
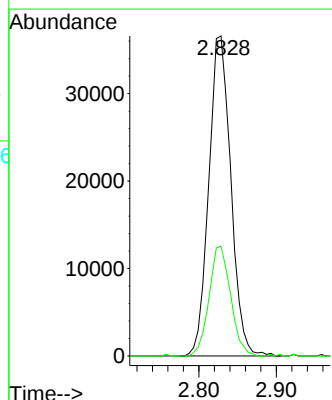
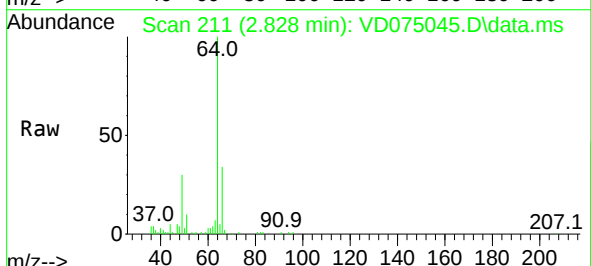
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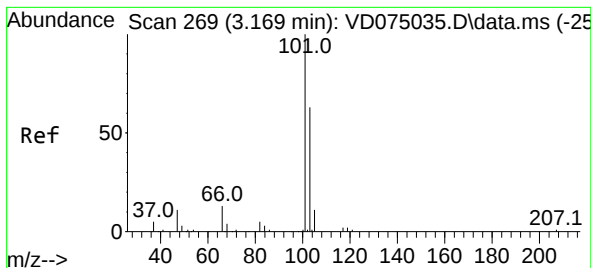
Tgt Ion: 94 Resp: 52283
Ion Ratio Lower Upper
94 100
96 95.1 75.2 112.8



#6
Chloroethane
Concen: 89.876 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 64 Resp: 72360
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7





#7

Trichlorofluoromethane

Concen: 94.491 ug/l

RT: 3.170 min Scan# 2

Delta R.T. 0.001 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

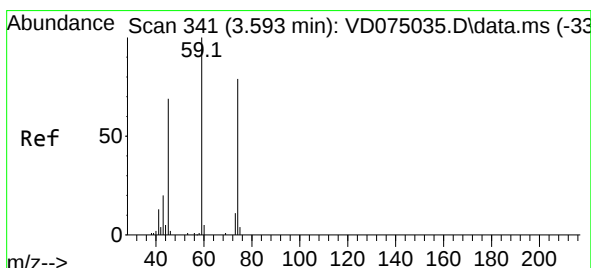
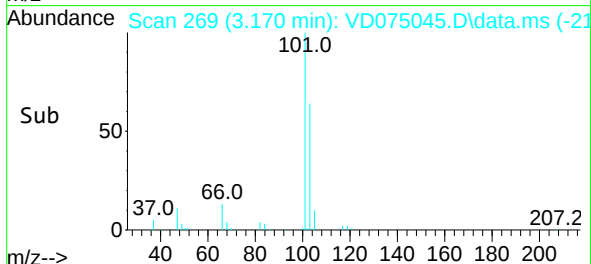
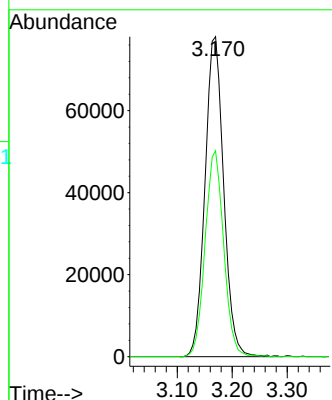
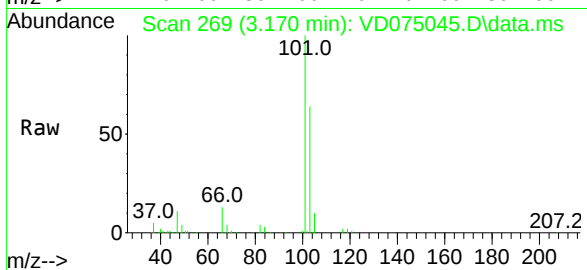
VSTDIC100

Tgt Ion:101 Resp: 184410

Ion Ratio Lower Upper

101 100

103 64.3 49.1 73.7



#8

Diethyl Ether

Concen: 91.692 ug/l

RT: 3.587 min Scan# 340

Delta R.T. -0.006 min

Lab File: VD075045.D

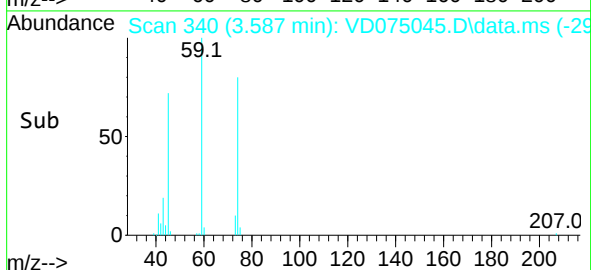
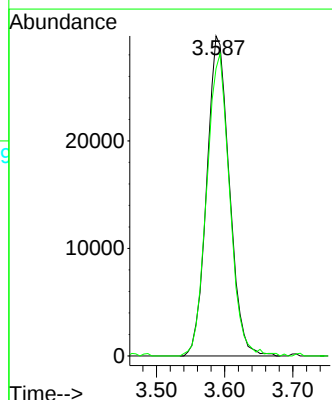
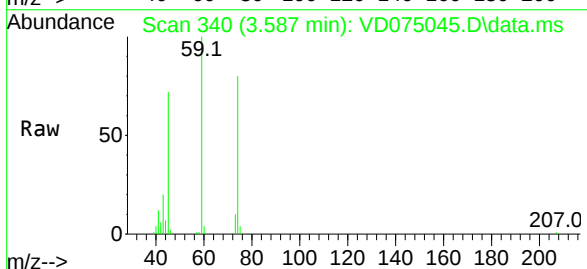
Acq: 22 Dec 2022 12:48

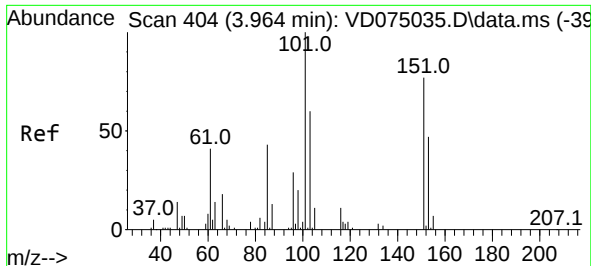
Tgt Ion: 74 Resp: 68617

Ion Ratio Lower Upper

74 100

45 96.1 40.2 120.5

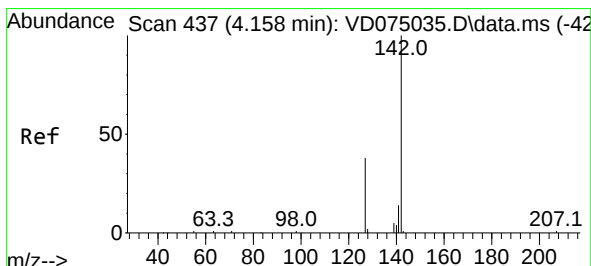
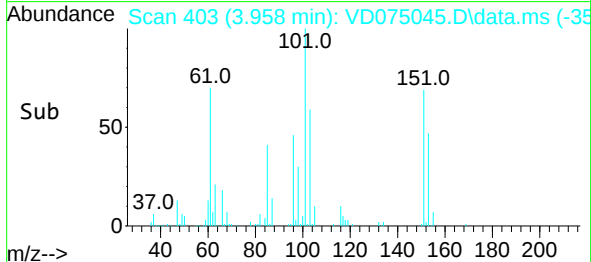
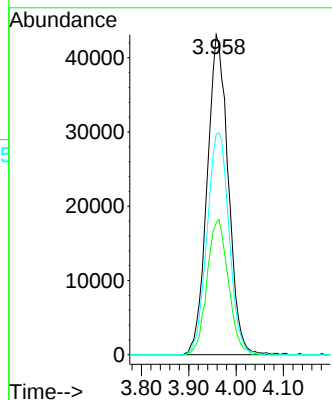
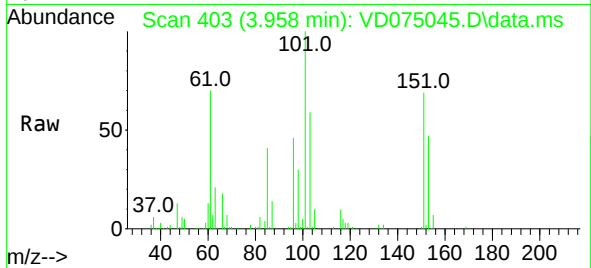




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.124 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
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Acq: 22 Dec 2022 12:48

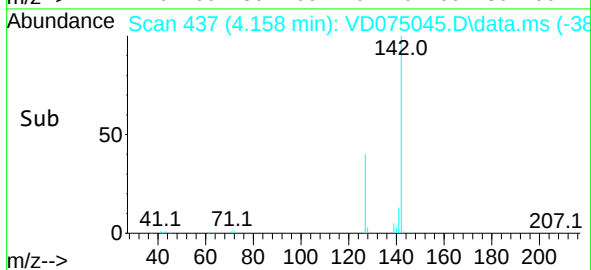
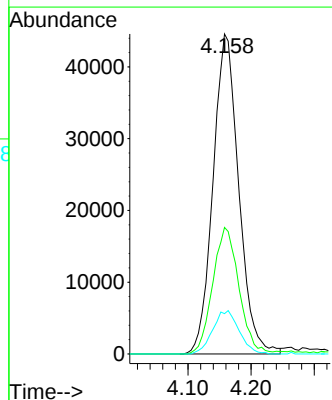
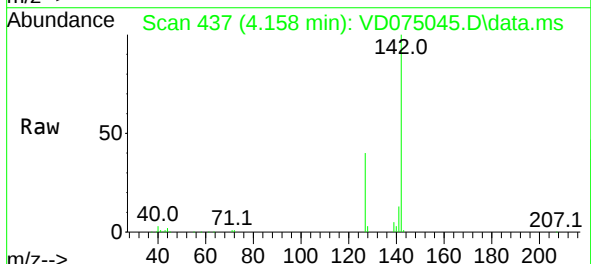
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

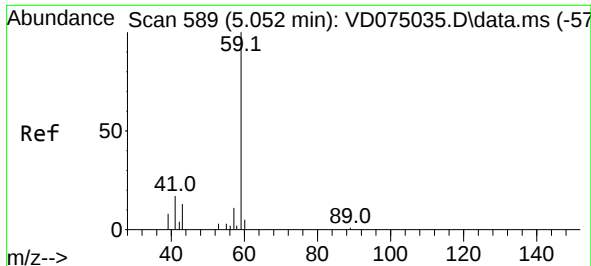
Tgt Ion:101 Resp: 133545
Ion Ratio Lower Upper
101 100
85 42.5 33.4 50.0
151 72.3 58.9 88.3



#10
Methyl Iodide
Concen: 106.786 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:142 Resp: 126040
Ion Ratio Lower Upper
142 100
127 40.3 31.4 47.2
141 13.9 11.4 17.2

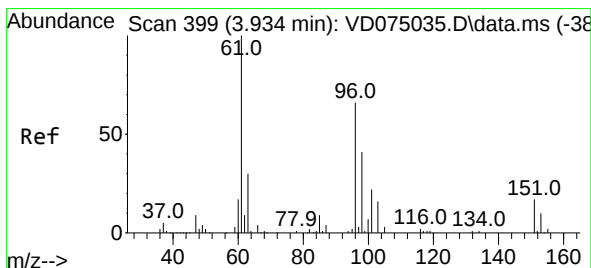
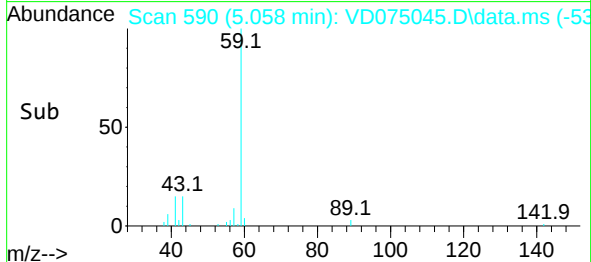
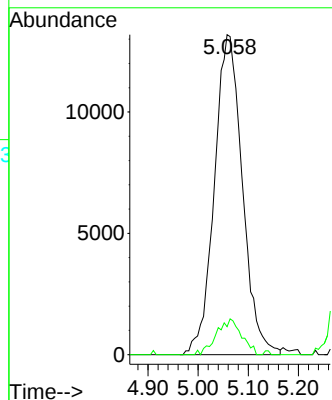
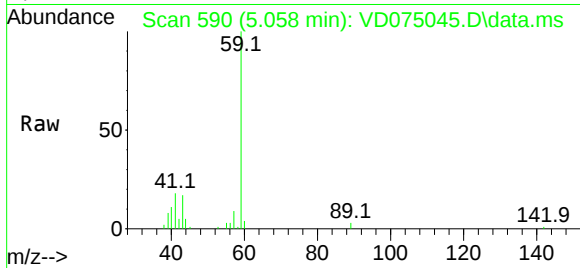




#11
Tert butyl alcohol
Concen: 465.898 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

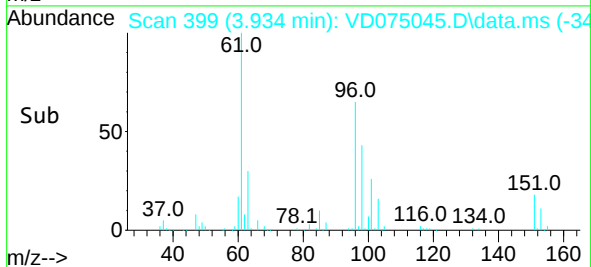
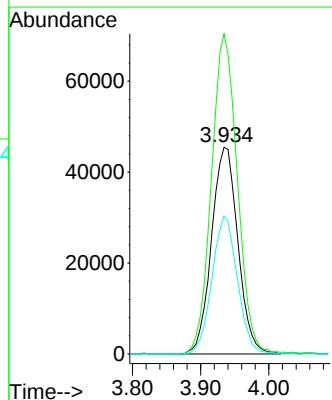
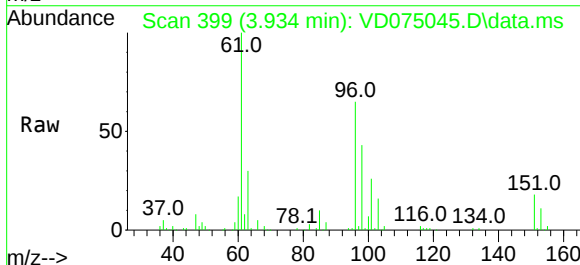
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

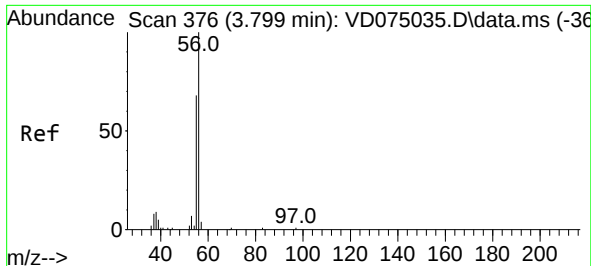
Tgt Ion: 59 Resp: 51212
Ion Ratio Lower Upper
59 100
57 10.0 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 92.155 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 96 Resp: 122434
Ion Ratio Lower Upper
96 100
61 154.7 104.9 157.3
98 66.7 51.8 77.8

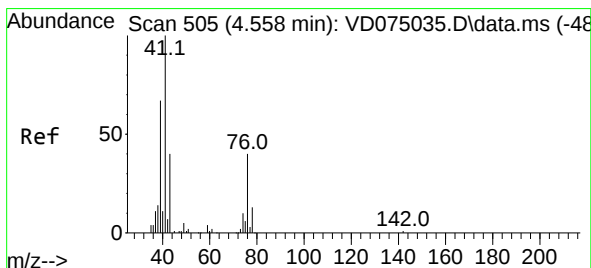
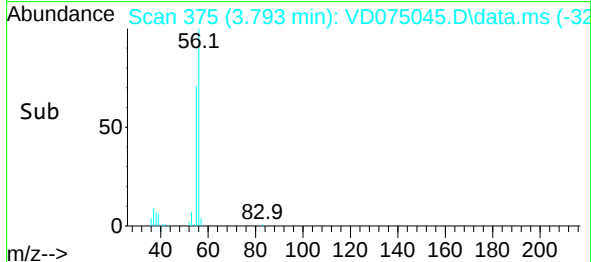
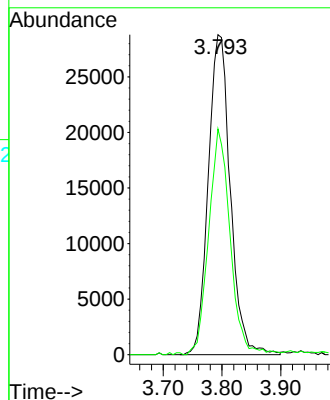
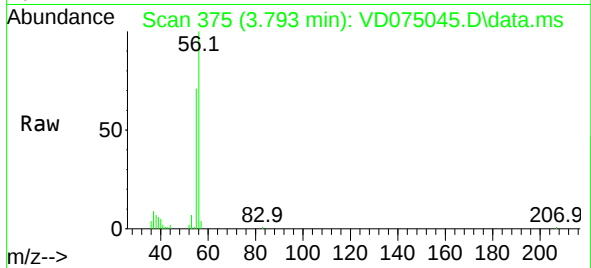




#13
Acrolein
Concen: 415.479 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

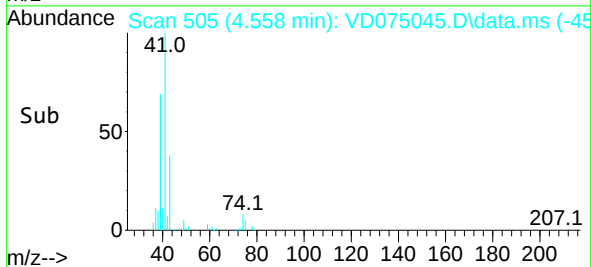
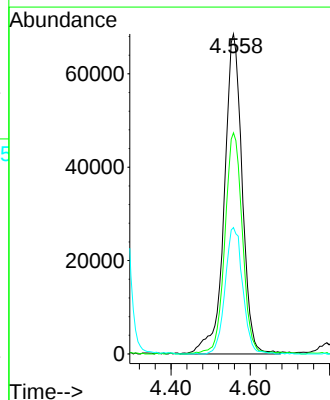
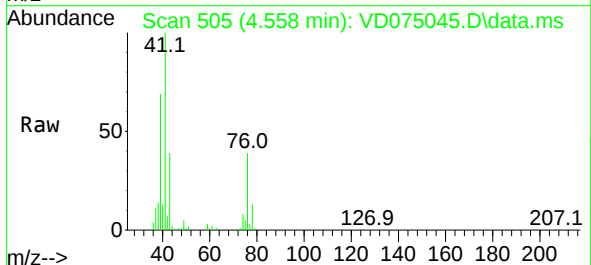
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

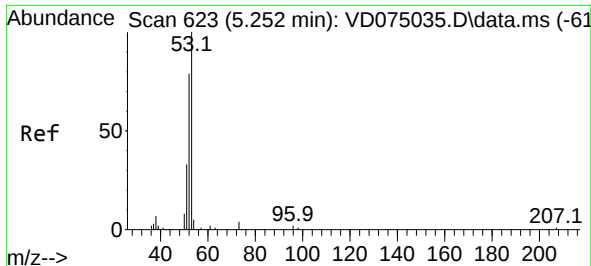
Tgt Ion: 56 Resp: 74971
Ion Ratio Lower Upper
56 100
55 68.6 56.6 84.8



#14
Allyl chloride
Concen: 93.003 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 41 Resp: 215007
Ion Ratio Lower Upper
41 100
39 67.4 52.5 78.7
76 38.7 41.1 61.7#

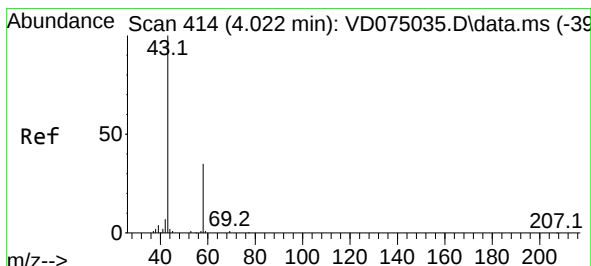
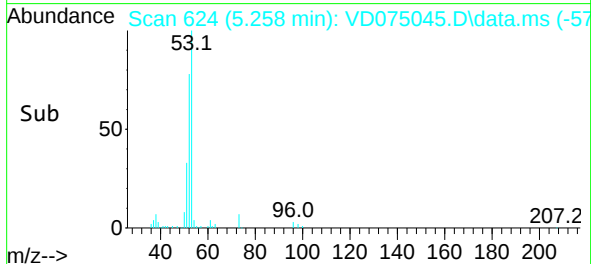
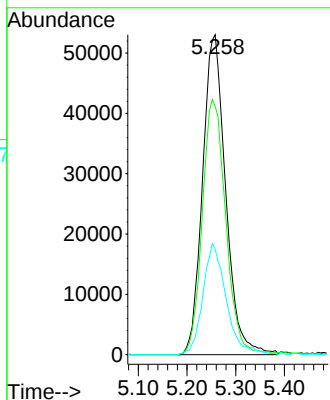
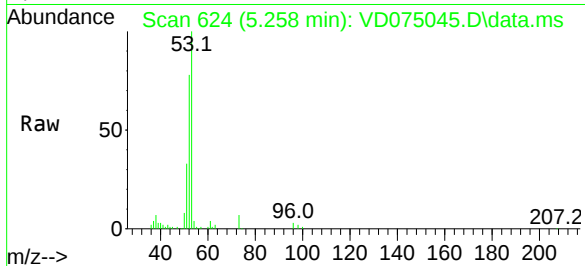




#15
Acrylonitrile
Concen: 461.813 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

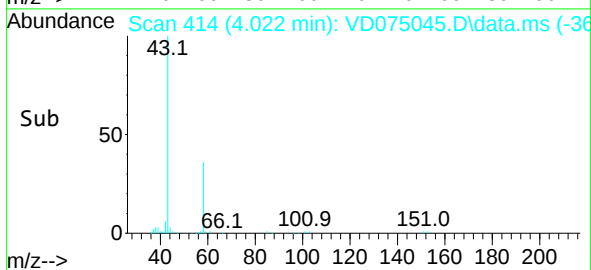
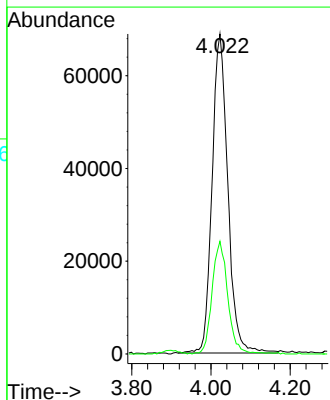
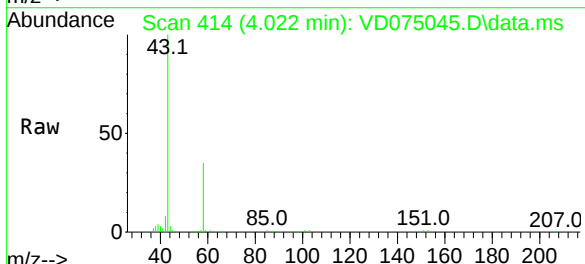
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

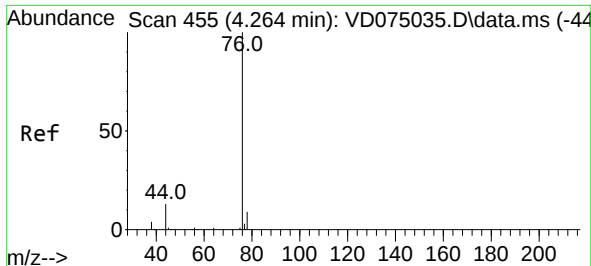
Tgt Ion: 53 Resp: 174995
Ion Ratio Lower Upper
53 100
52 80.8 64.0 96.0
51 35.0 27.8 41.8



#16
Acetone
Concen: 486.541 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 43 Resp: 189399
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0

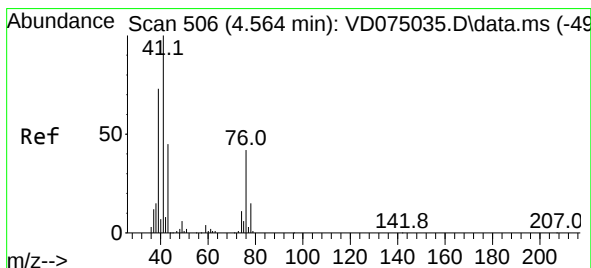
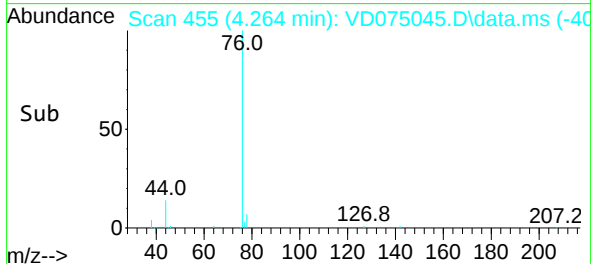
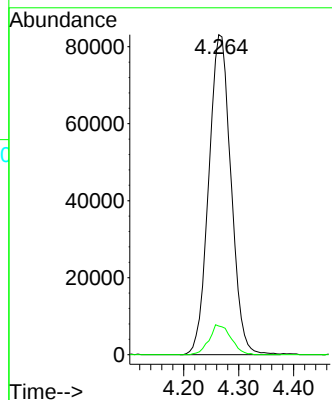
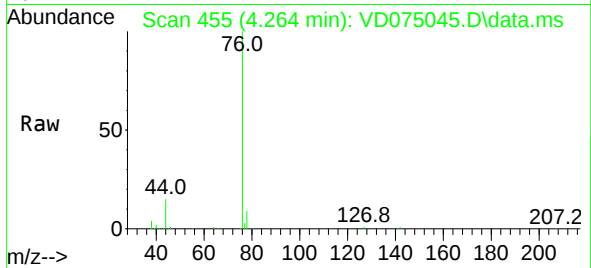




#17
Carbon Disulfide
Concen: 97.600 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

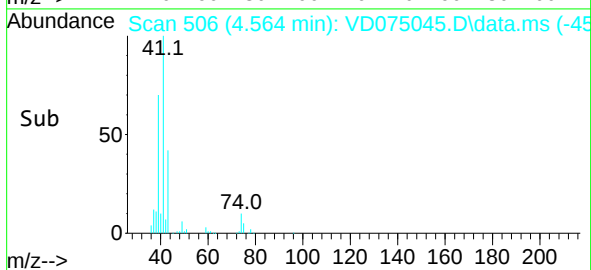
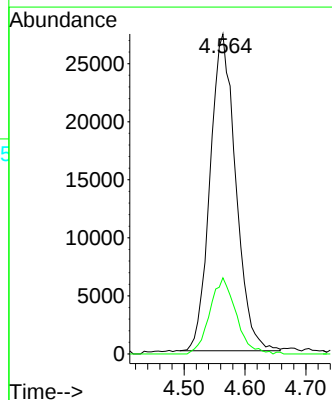
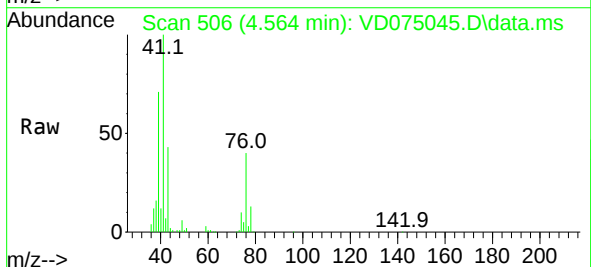
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

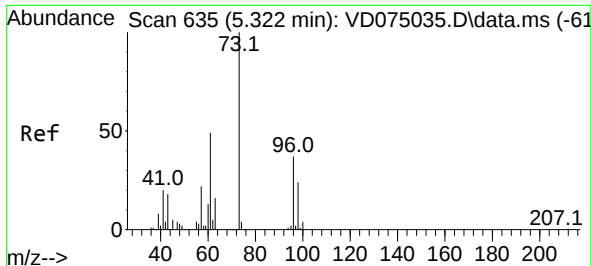
Tgt Ion: 76 Resp: 233466
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 92.210 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 43 Resp: 80127
Ion Ratio Lower Upper
43 100
74 24.4 24.5 36.7#

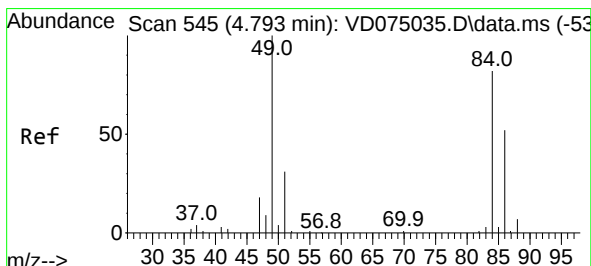
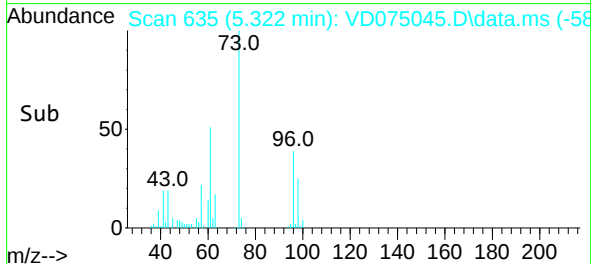
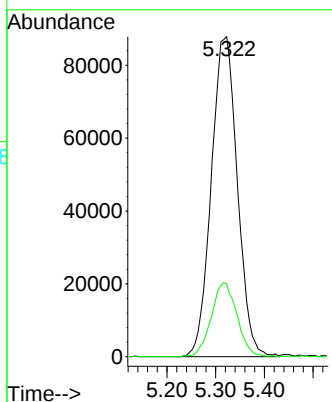
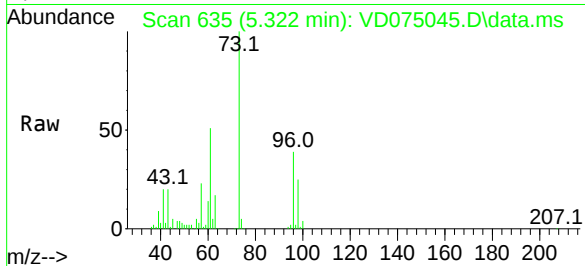




#19
Methyl tert-butyl Ether
Concen: 92.608 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

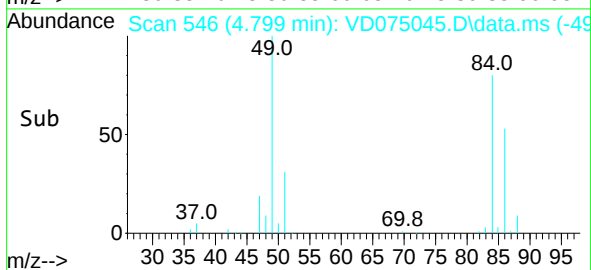
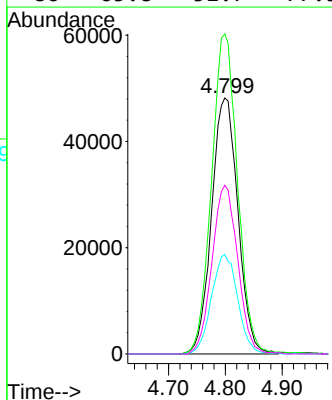
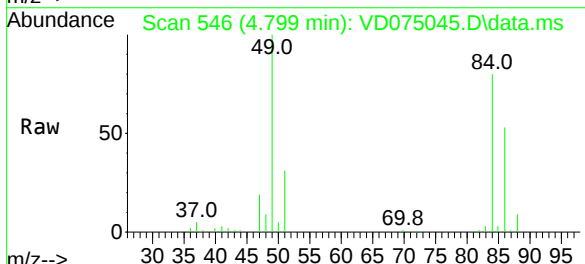
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

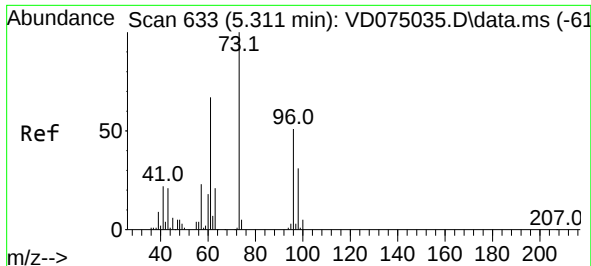
Tgt Ion: 73 Resp: 326799
Ion Ratio Lower Upper
73 100
57 22.7 16.9 25.3



#20
Methylene Chloride
Concen: 96.490 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 84 Resp: 155505
Ion Ratio Lower Upper
84 100
49 125.0 77.2 115.8#
51 38.9 24.1 36.1#
86 65.8 51.7 77.5

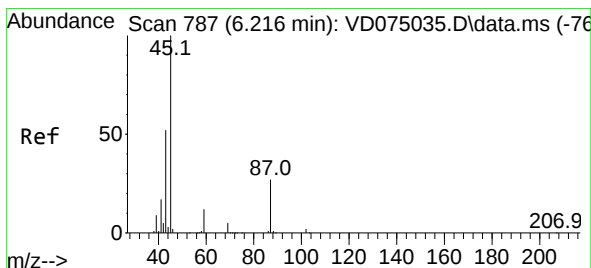
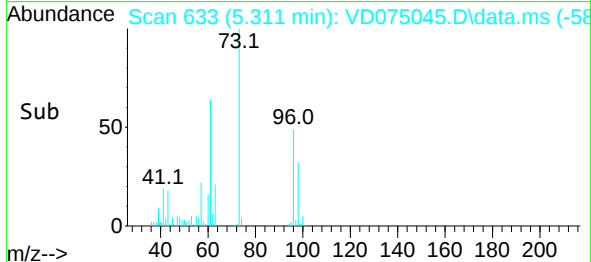
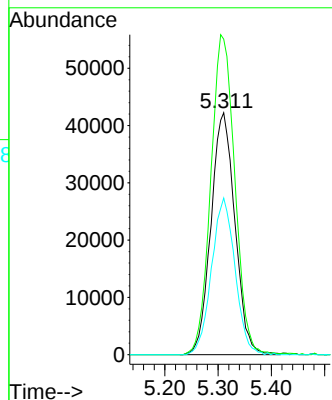
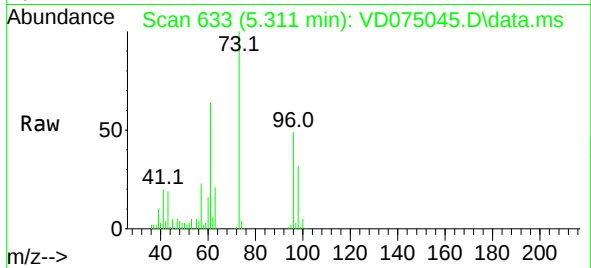




#21
trans-1,2-Dichloroethene
Concen: 89.395 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

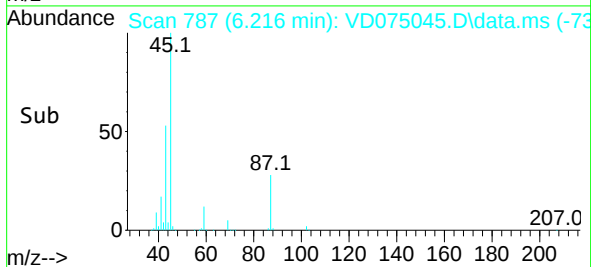
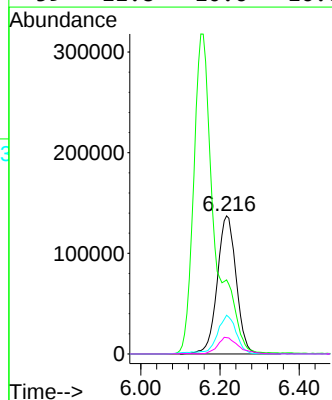
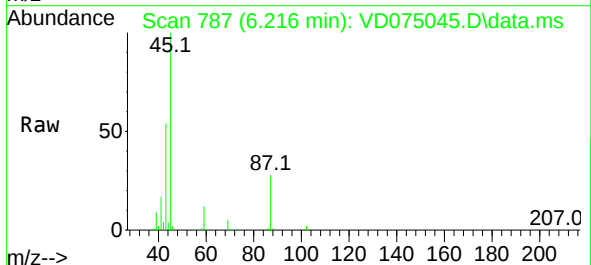
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

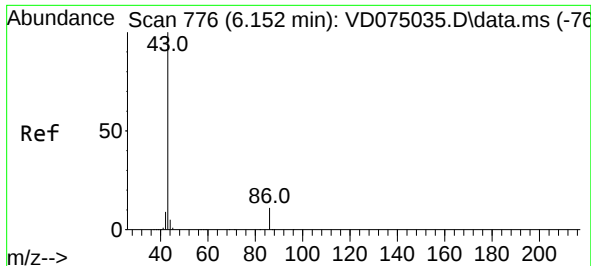
Tgt Ion: 96 Resp: 131807
Ion Ratio Lower Upper
96 100
61 130.4 86.7 130.1#
98 64.7 49.8 74.8



#22
Diisopropyl ether
Concen: 91.547 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 45 Resp: 455891
Ion Ratio Lower Upper
45 100
43 53.1 39.8 59.8
87 28.0 27.5 41.3
59 11.8 10.6 16.0

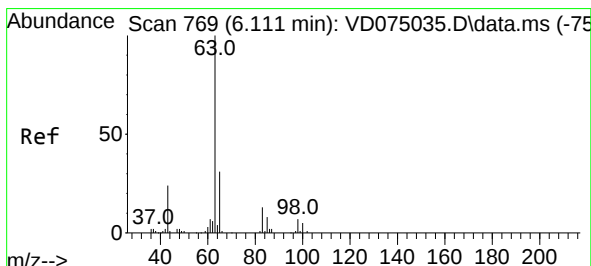
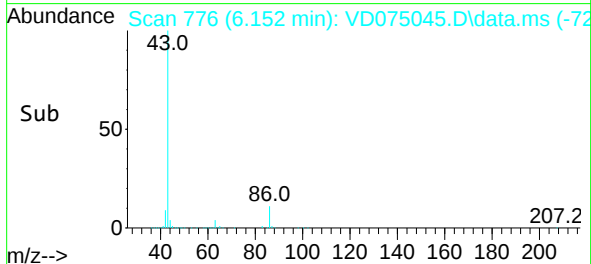
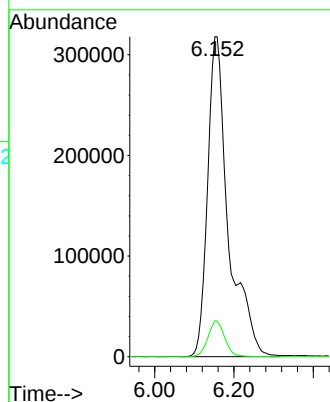
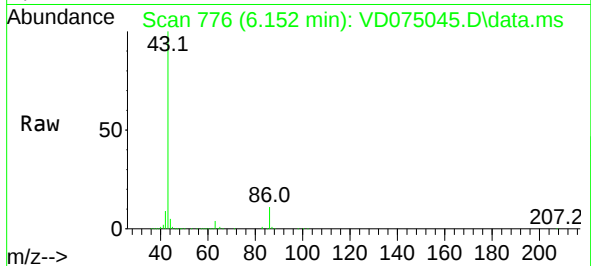




#23
 Vinyl Acetate
 Concen: 501.839 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

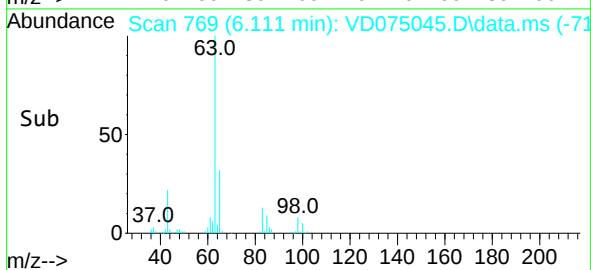
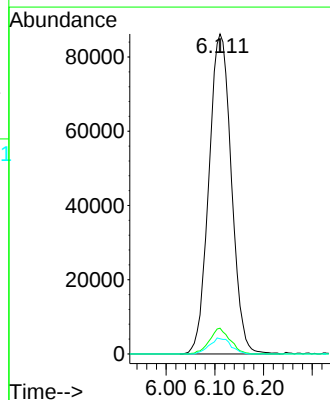
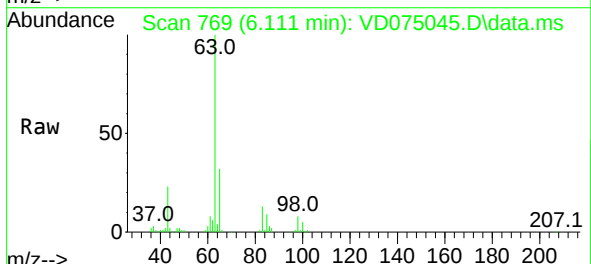
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

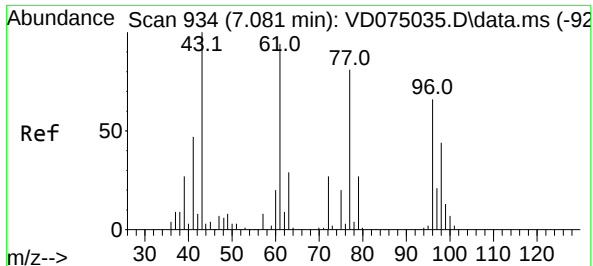
Tgt Ion: 43 Resp: 1158858
 Ion Ratio Lower Upper
 43 100
 86 11.3 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 95.028 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

Tgt Ion: 63 Resp: 276396
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 13.1
 100 4.8 2.5 7.4

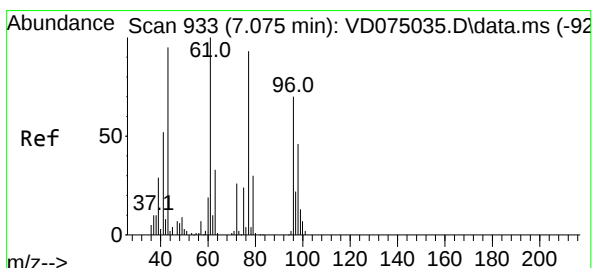
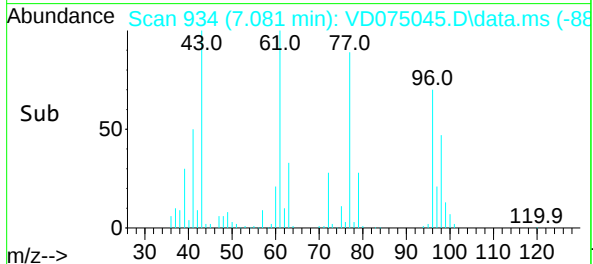
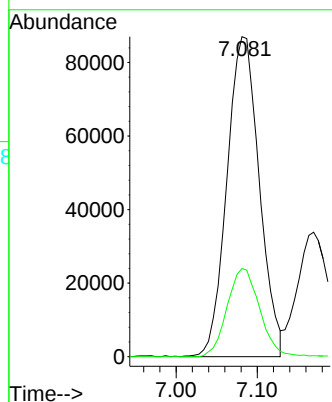
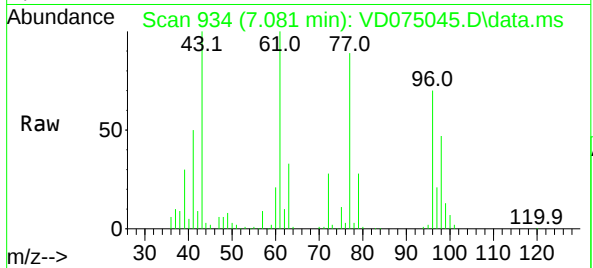




#25
2-Butanone
Concen: 464.440 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

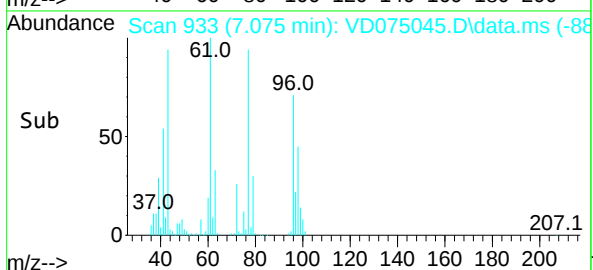
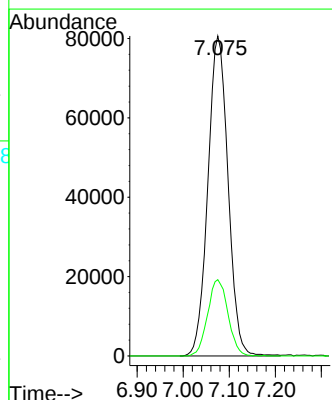
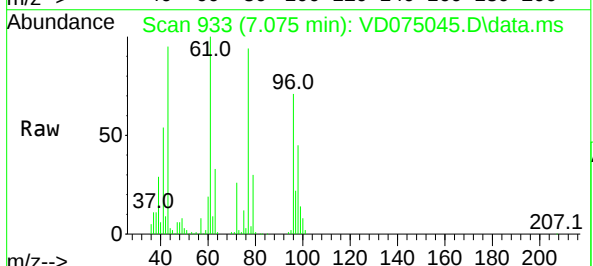
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

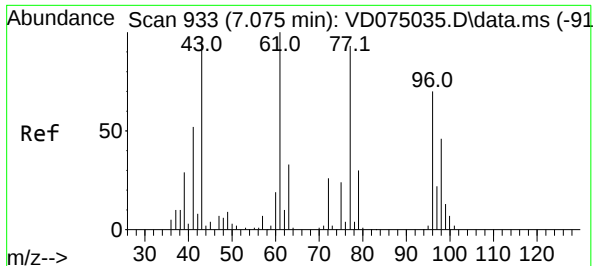
Tgt Ion: 43 Resp: 241267
Ion Ratio Lower Upper
43 100
72 27.6 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 94.399 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 77 Resp: 245276
Ion Ratio Lower Upper
77 100
97 24.1 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 92.459 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

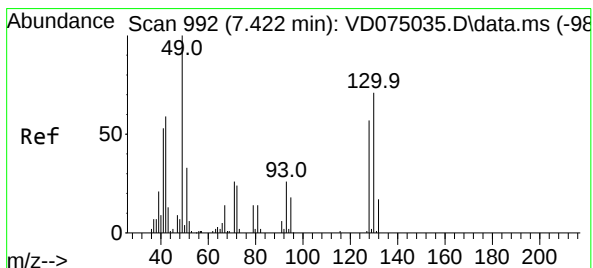
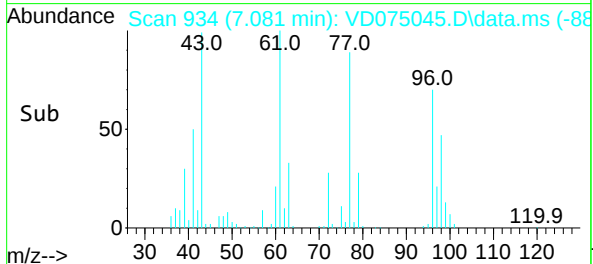
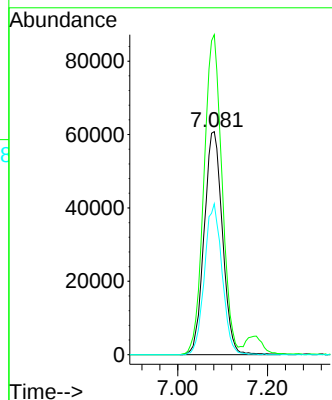
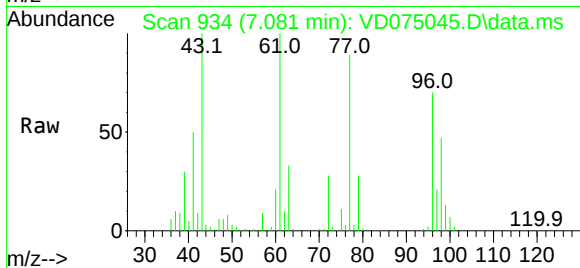
Tgt Ion: 96 Resp: 171965

Ion Ratio Lower Upper

96 100

61 141.1 0.0 244.6

98 65.0 0.0 131.0



#28

Bromochloromethane

Concen: 91.298 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

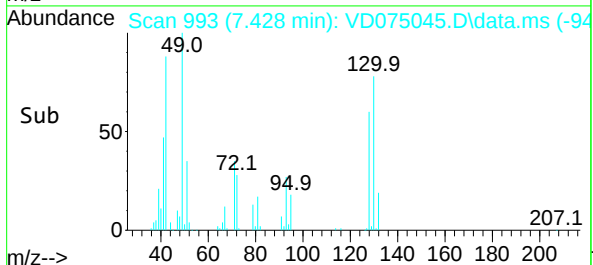
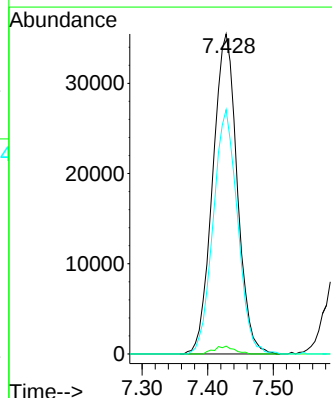
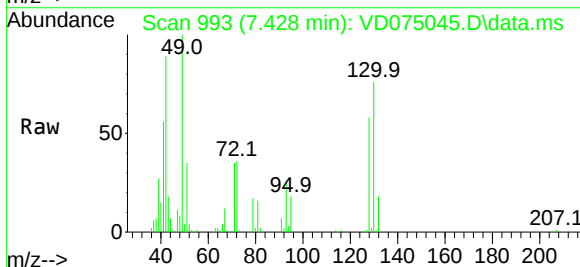
Tgt Ion: 49 Resp: 91924

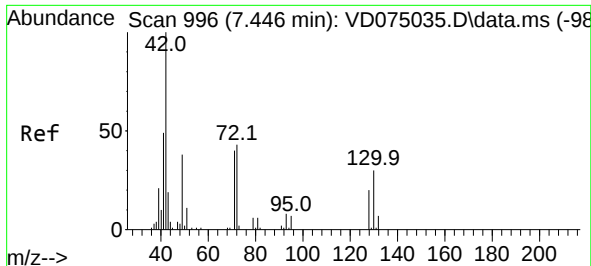
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.0

130 75.9 78.2 117.4#





#29

Tetrahydrofuran

Concen: 447.233 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

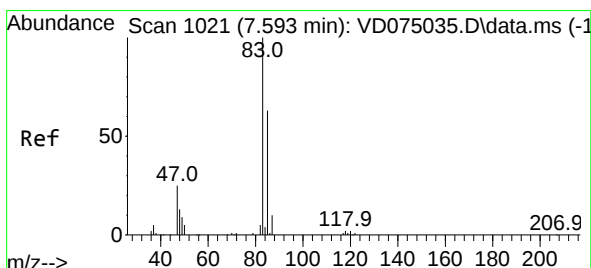
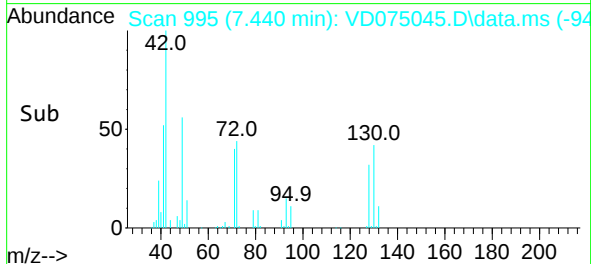
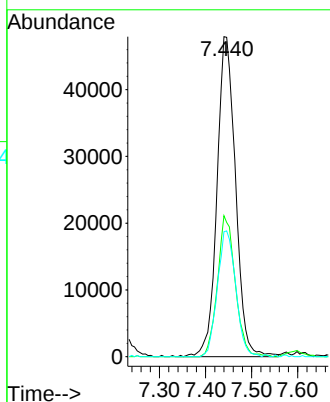
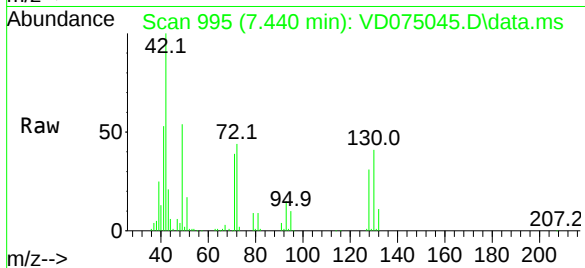
Tgt Ion: 42 Resp: 133941

Ion Ratio Lower Upper

42 100

72 42.1 43.8 65.8#

71 38.8 41.1 61.7#



#30

Chloroform

Concen: 94.004 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075045.D

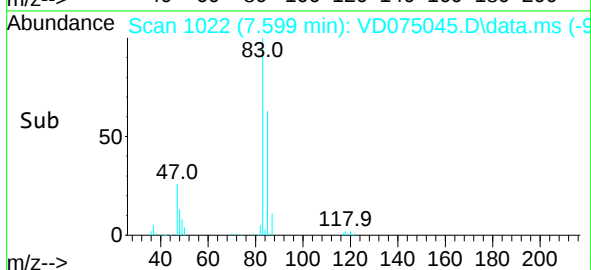
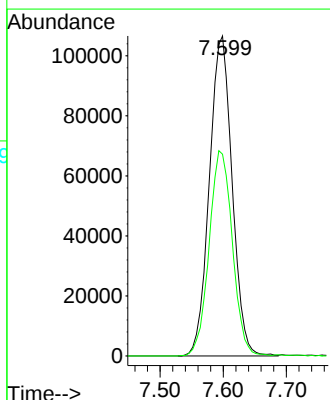
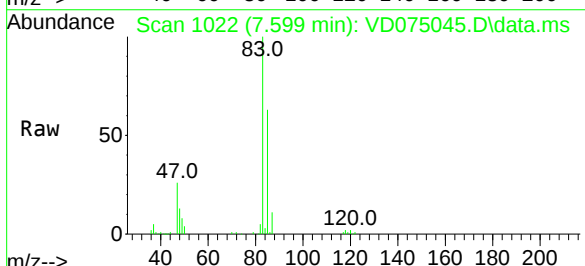
Acq: 22 Dec 2022 12:48

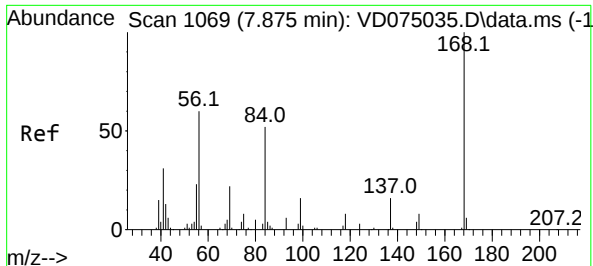
Tgt Ion: 83 Resp: 266978

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

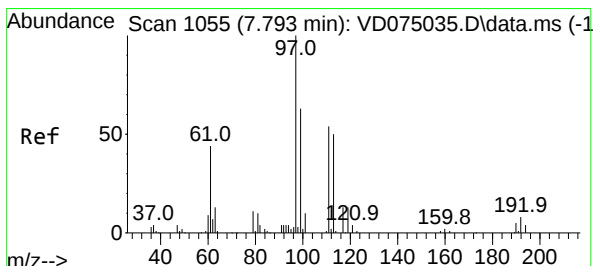
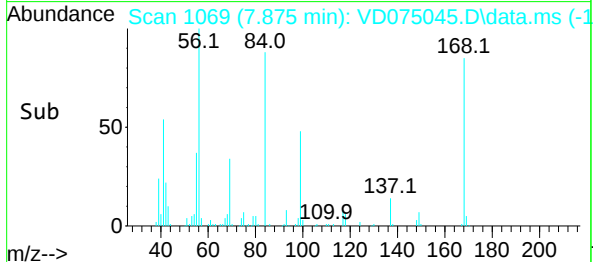
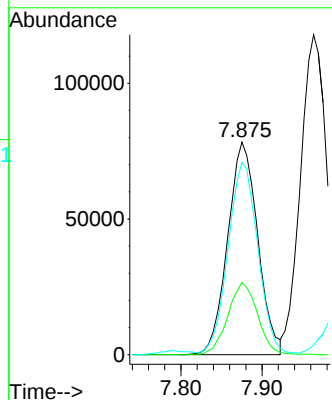
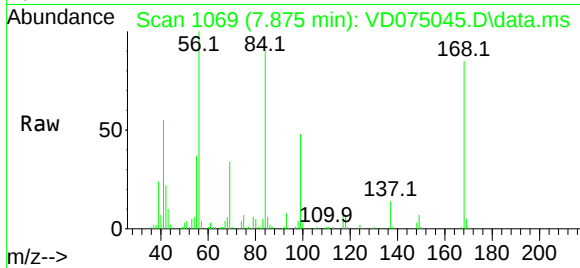




#31
Cyclohexane
Concen: 98.540 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

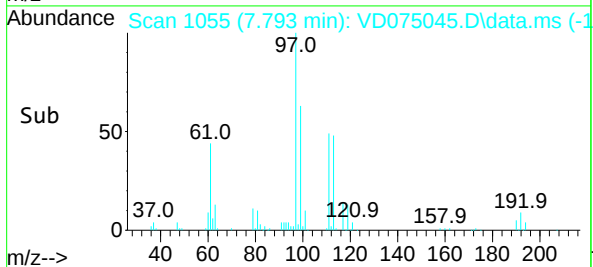
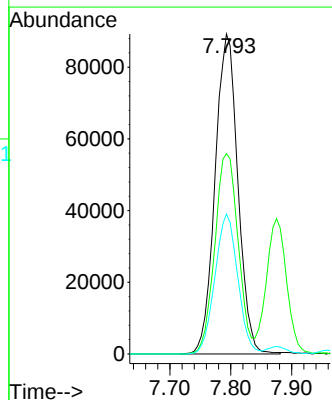
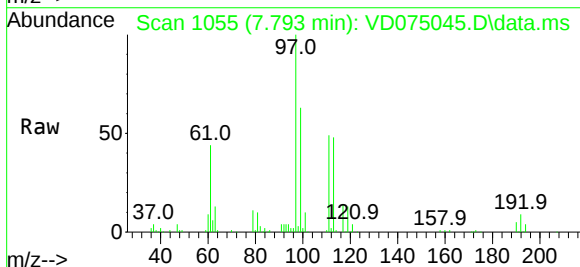
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

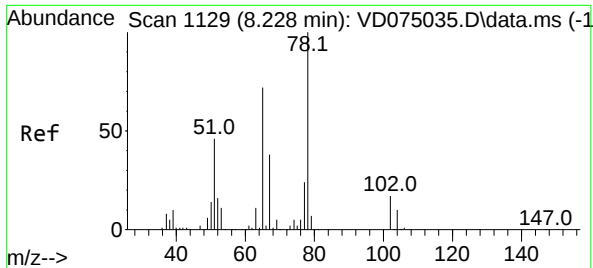
Tgt Ion: 56 Resp: 201491
Ion Ratio Lower Upper
56 100
69 34.1 29.4 44.2
84 89.0 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 94.433 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 97 Resp: 232078
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 43.8 30.3 45.5

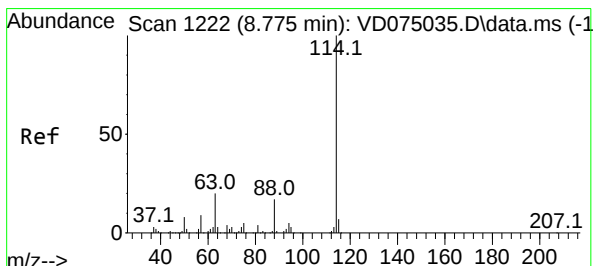
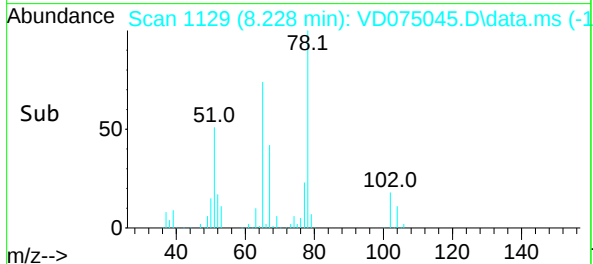
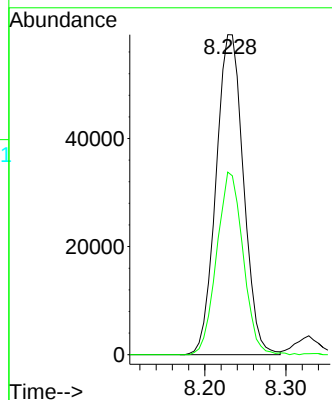
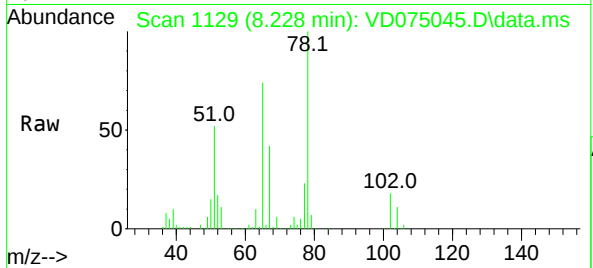




#33
1,2-Dichloroethane-d4
Concen: 92.831 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

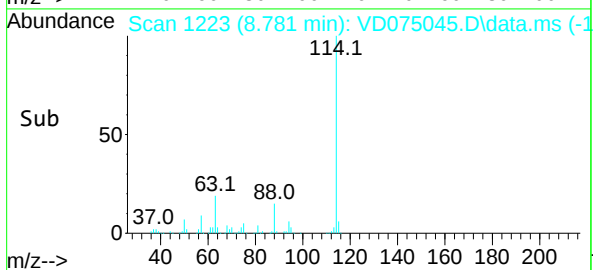
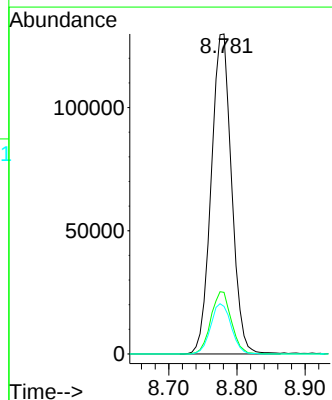
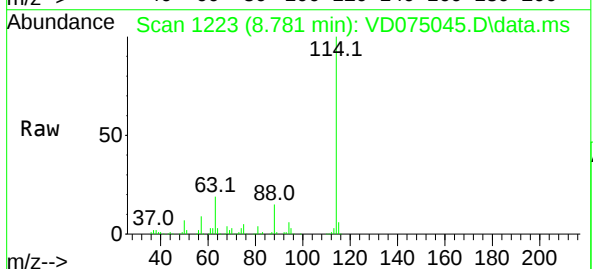
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

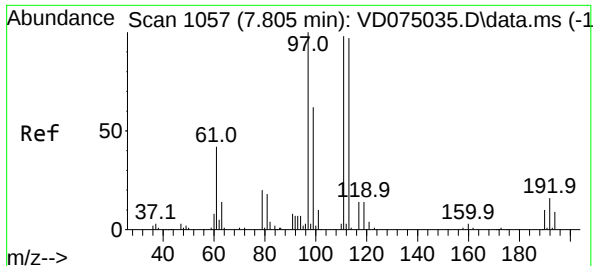
Tgt Ion: 65 Resp: 139138
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 114 Resp: 269462
Ion Ratio Lower Upper
114 100
63 19.2 0.0 33.8
88 14.8 0.0 27.8





#35

Dibromofluoromethane

Concen: 95.478 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

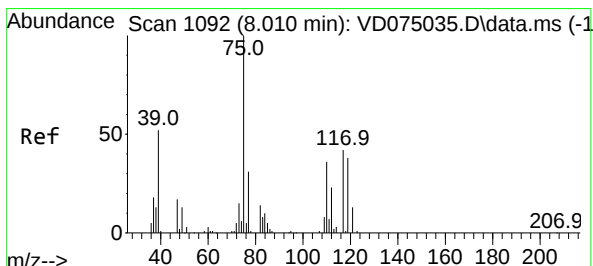
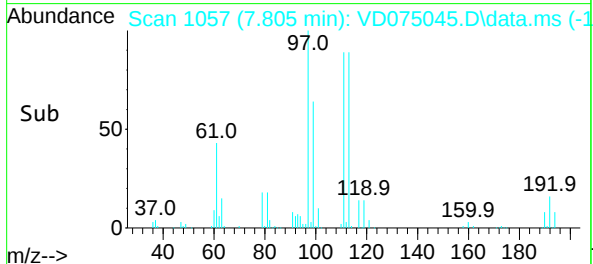
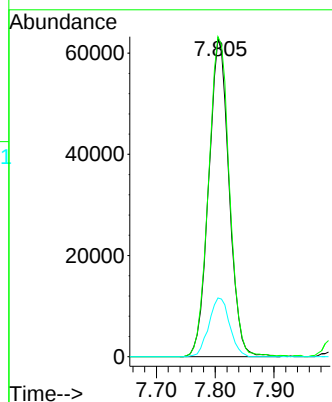
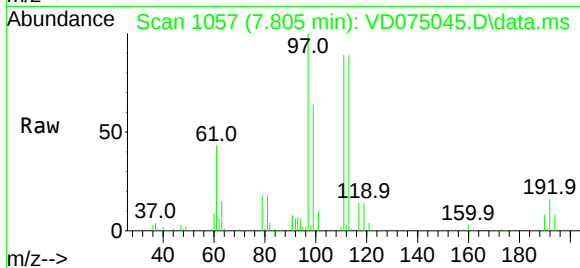
Tgt Ion:113 Resp: 151393

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 92.528 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

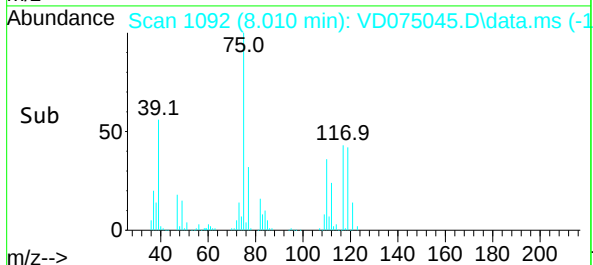
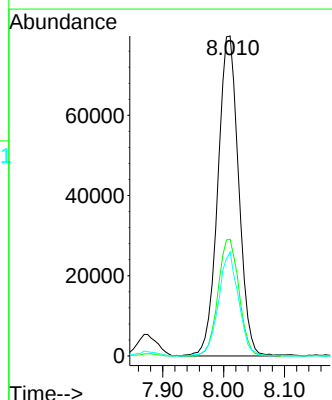
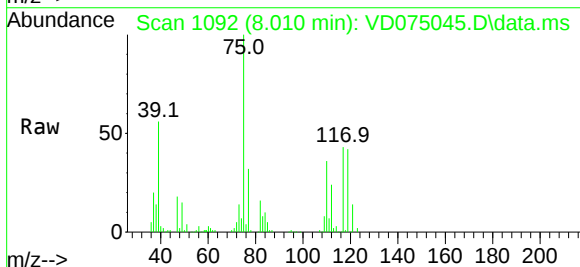
Tgt Ion: 75 Resp: 189509

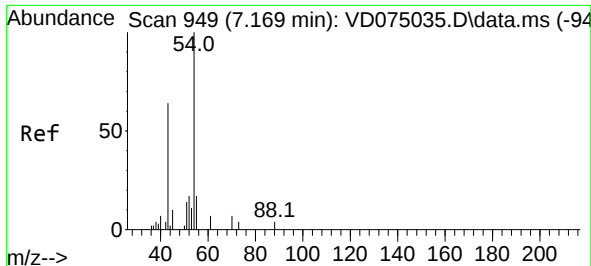
Ion Ratio Lower Upper

75 100

110 36.7 19.0 57.0

77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 91.416 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

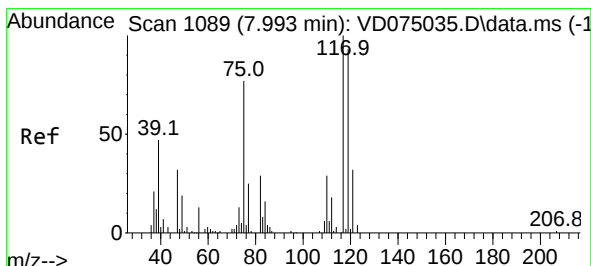
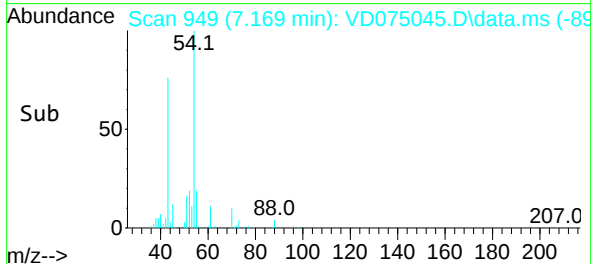
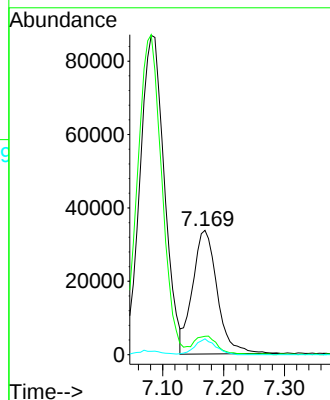
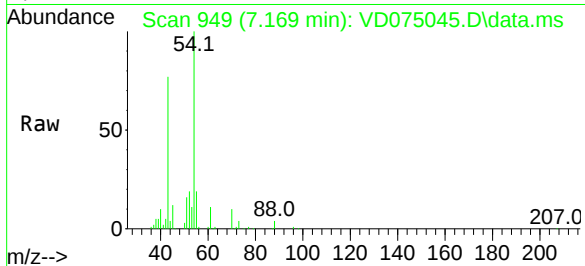
Tgt Ion: 43 Resp: 94578

Ion Ratio Lower Upper

43 100

61 12.7 12.8 19.2#

70 10.8 10.2 15.4



#38

Carbon Tetrachloride

Concen: 100.631 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

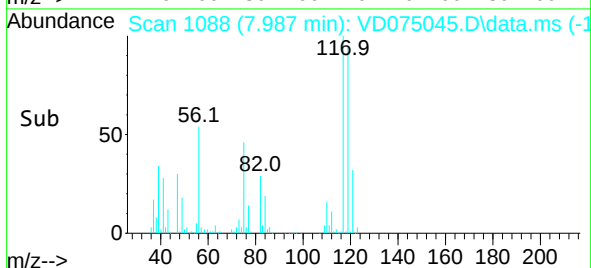
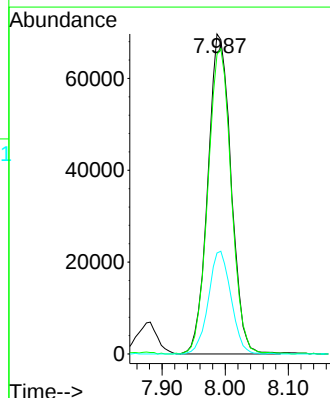
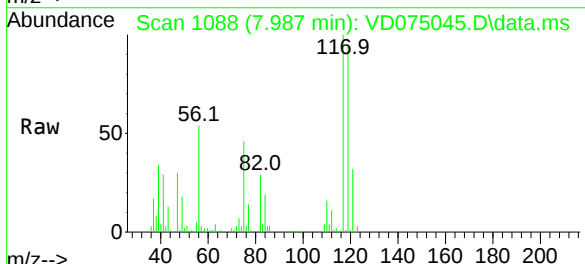
Tgt Ion: 117 Resp: 178216

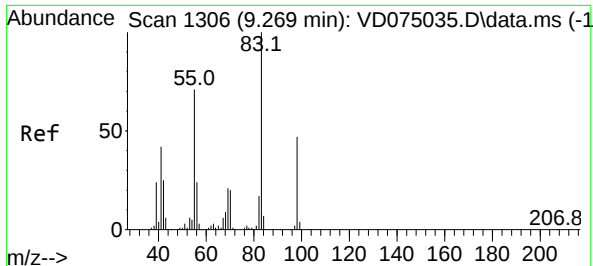
Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.6

121 31.5 25.4 38.0





#39

Methylcyclohexane

Concen: 90.676 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

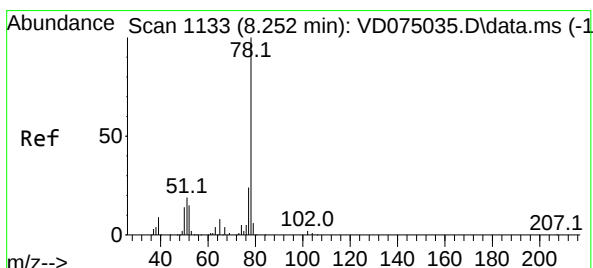
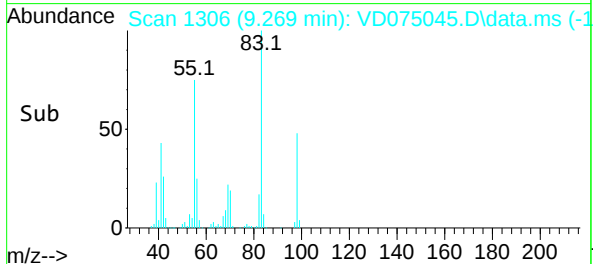
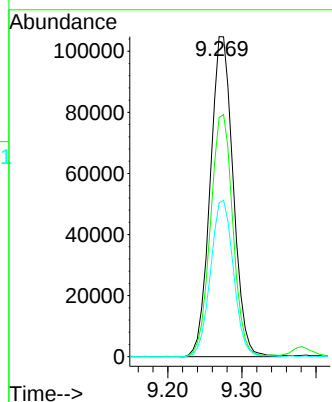
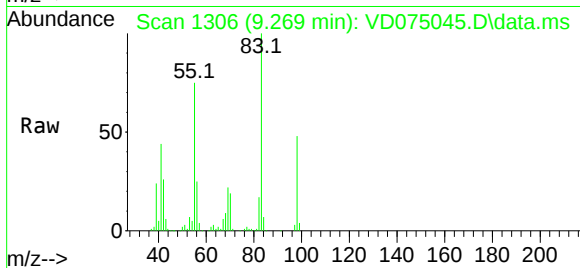
Tgt Ion: 83 Resp: 225541

Ion Ratio Lower Upper

83 100

55 74.7 53.1 79.7

98 48.0 37.5 56.3



#40

Benzene

Concen: 92.072 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075045.D

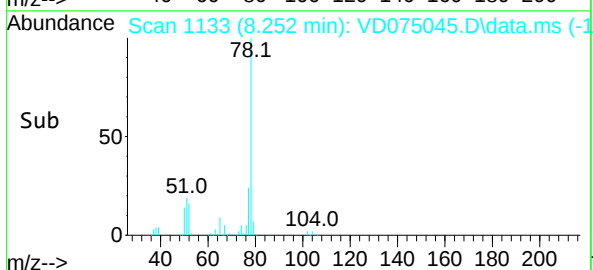
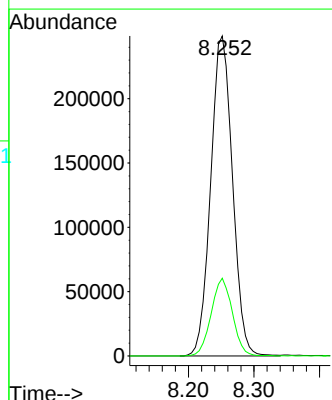
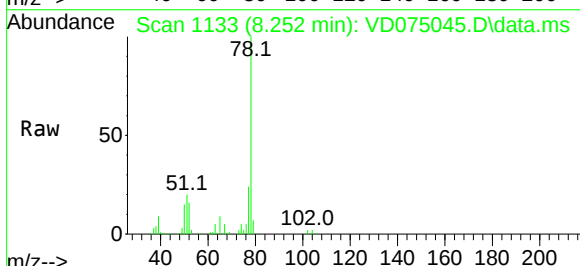
Acq: 22 Dec 2022 12:48

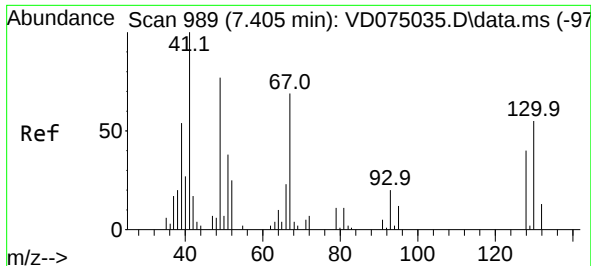
Tgt Ion: 78 Resp: 574117

Ion Ratio Lower Upper

78 100

77 24.3 18.6 27.8

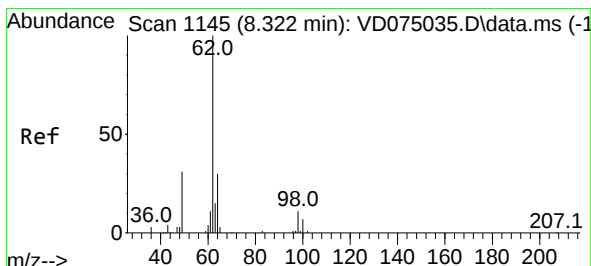
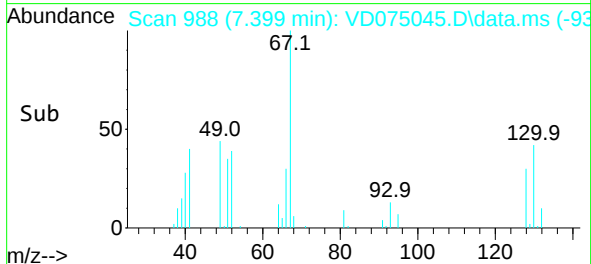
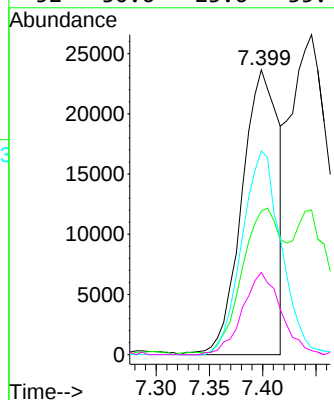
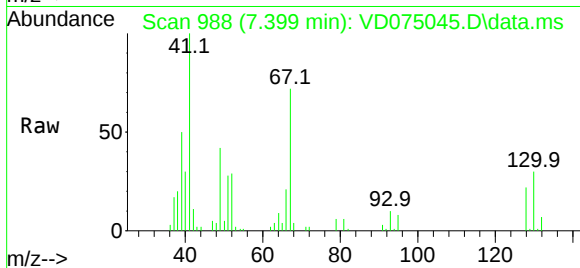




#41
Methacrylonitrile
Concen: 87.284 ug/l
RT: 7.399 min Scan# 918
Delta R.T. -0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

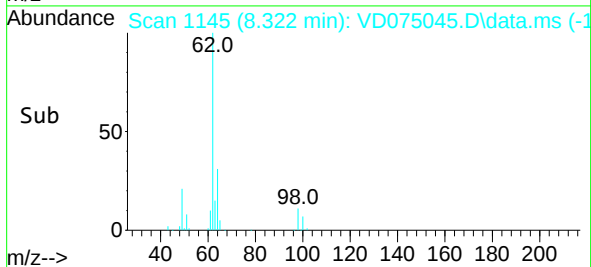
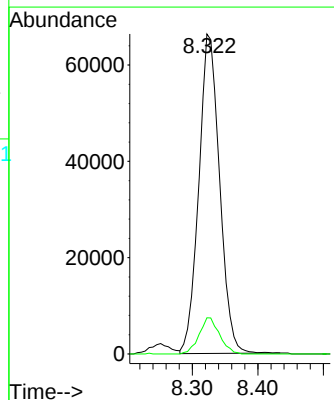
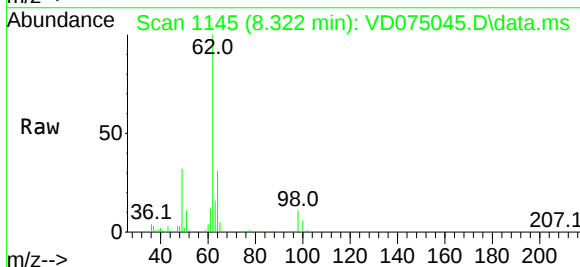
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

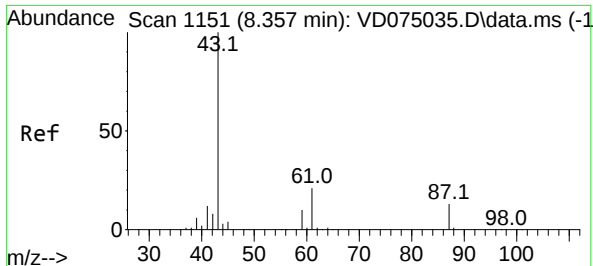
Tgt Ion: 41 Resp: 56186
Ion Ratio Lower Upper
41 100
39 58.0 44.8 67.2
67 77.3 69.6 104.4
52 30.6 23.6 35.4



#42
1,2-Dichloroethane
Concen: 92.108 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 62 Resp: 146533
Ion Ratio Lower Upper
62 100
98 11.1 0.0 23.4

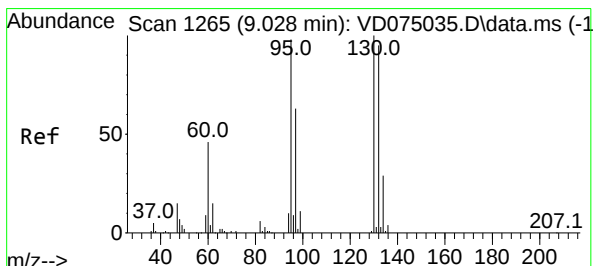
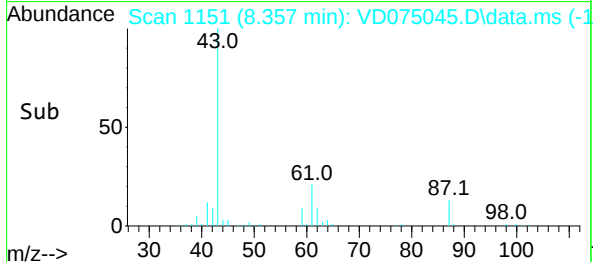
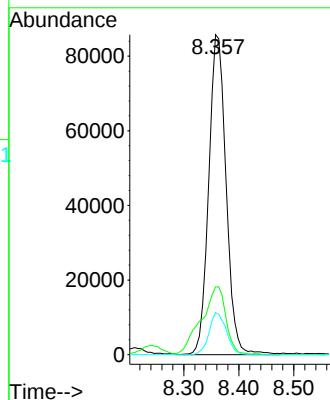
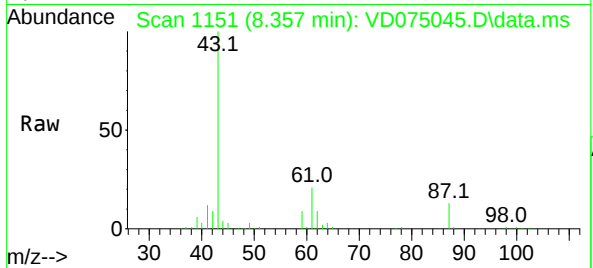




#43
Isopropyl Acetate
Concen: 90.559 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

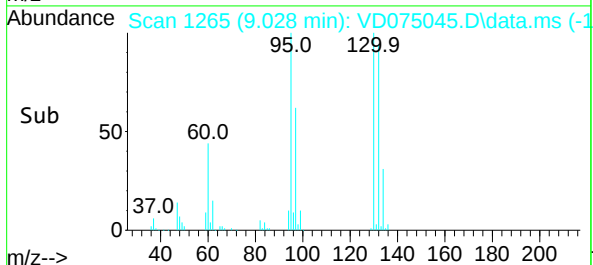
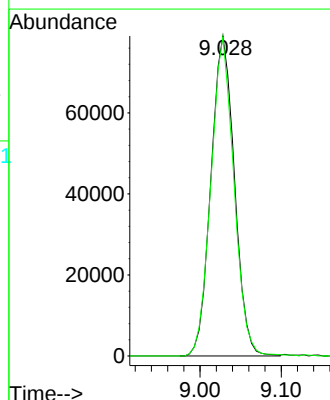
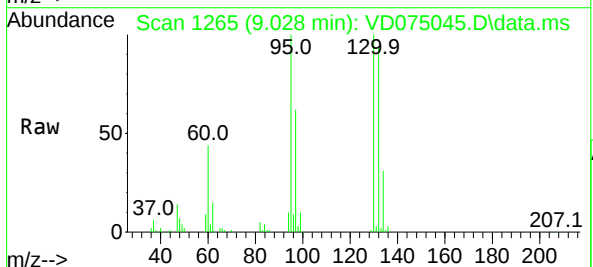
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

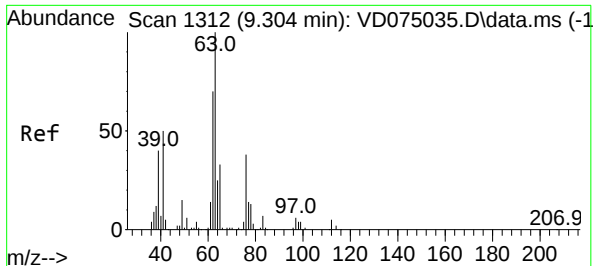
Tgt Ion: 43 Resp: 188482
Ion Ratio Lower Upper
43 100
61 29.5 28.2 42.4
87 13.0 13.6 20.4#



#44
Trichloroethene
Concen: 92.438 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:130 Resp: 158756
Ion Ratio Lower Upper
130 100
95 99.7 0.0 190.0





#45

1,2-Dichloropropane

Concen: 95.047 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

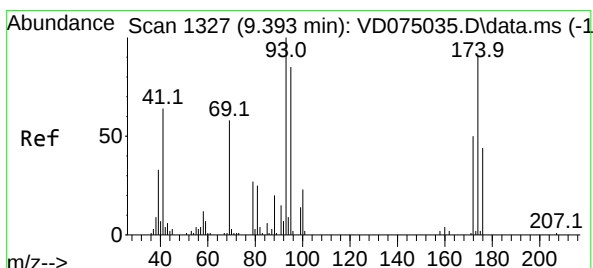
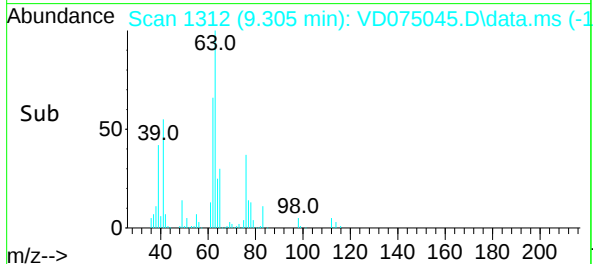
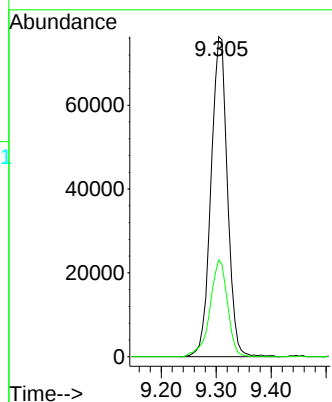
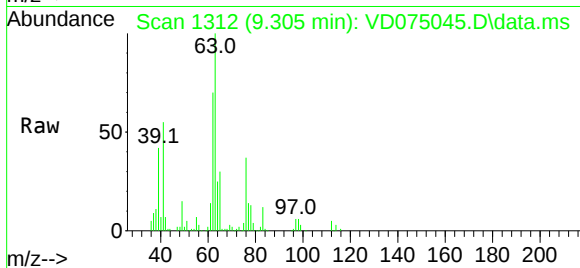
VSTDIC100

Tgt Ion: 63 Resp: 158744

Ion Ratio Lower Upper

63 100

65 30.2 27.0 40.6



#46

Dibromomethane

Concen: 90.660 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

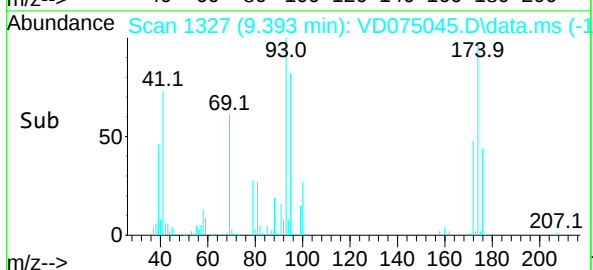
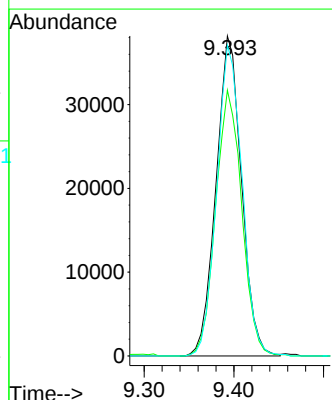
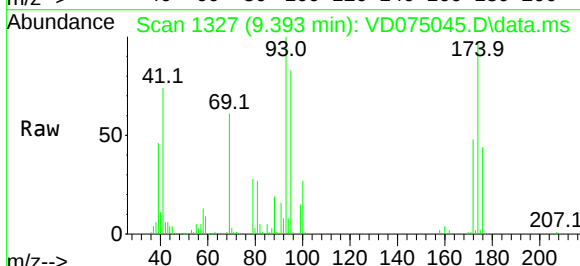
Tgt Ion: 93 Resp: 75306

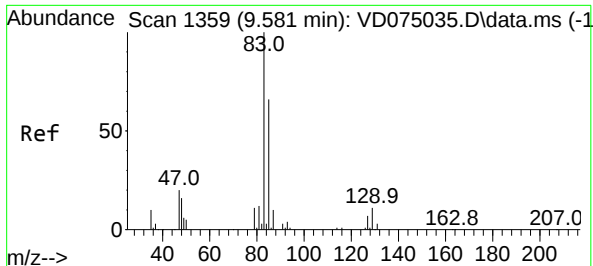
Ion Ratio Lower Upper

93 100

95 85.3 65.7 98.5

174 96.4 74.7 112.1





#47

Bromodichloromethane

Concen: 94.874 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

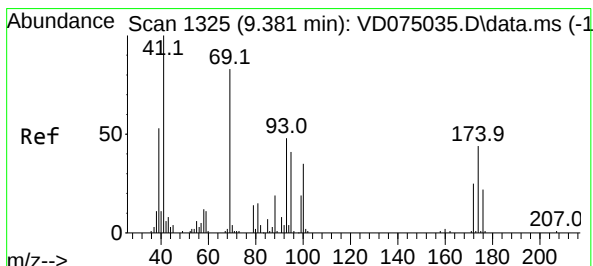
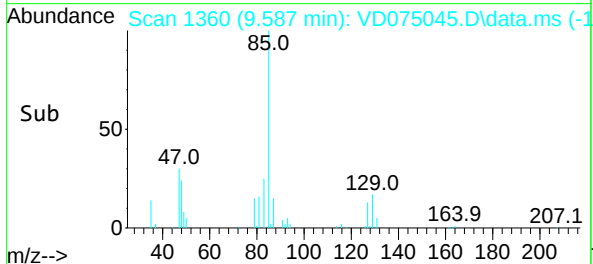
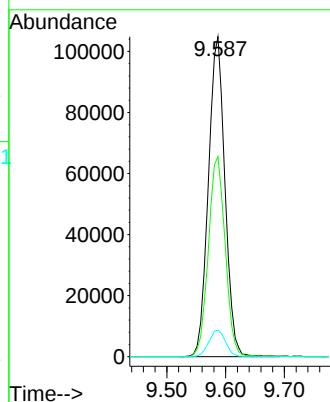
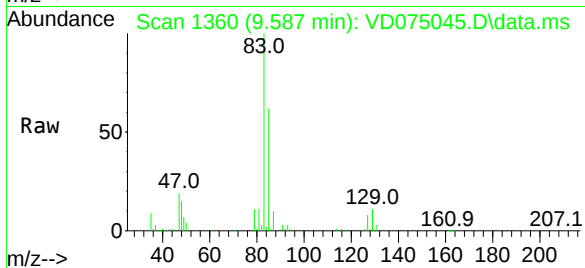
Tgt Ion: 83 Resp: 205229

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.8

127 8.3 7.2 10.8



#48

Methyl methacrylate

Concen: 92.532 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

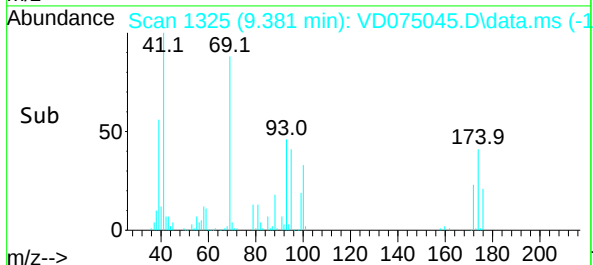
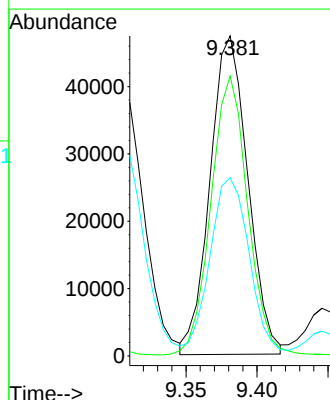
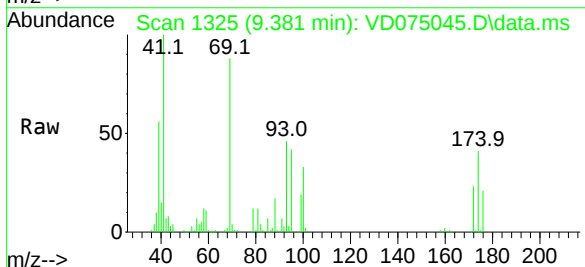
Tgt Ion: 41 Resp: 87480

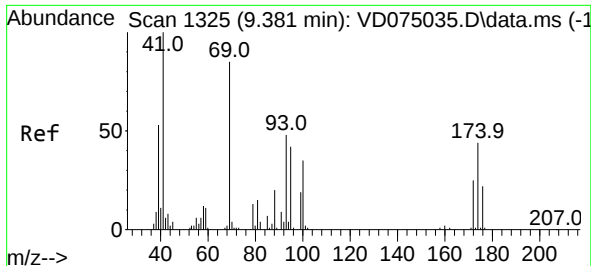
Ion Ratio Lower Upper

41 100

69 86.4 84.8 127.2

39 58.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1911.365 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

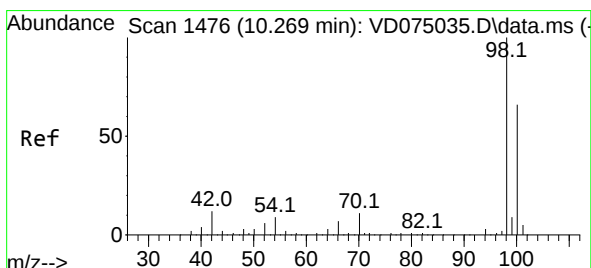
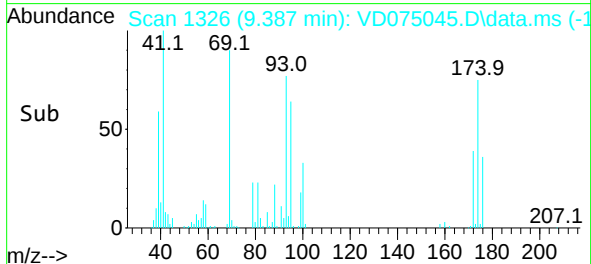
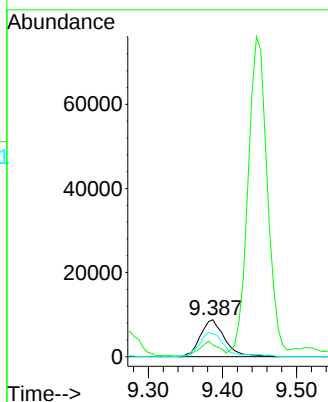
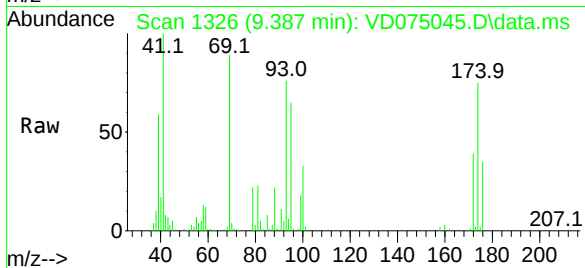
Tgt Ion: 88 Resp: 20008

Ion Ratio Lower Upper

88 100

43 29.7 23.9 35.9

58 68.6 48.4 72.6



#50

Toluene-d8

Concen: 93.226 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075045.D

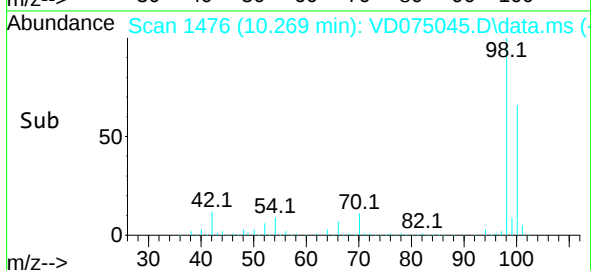
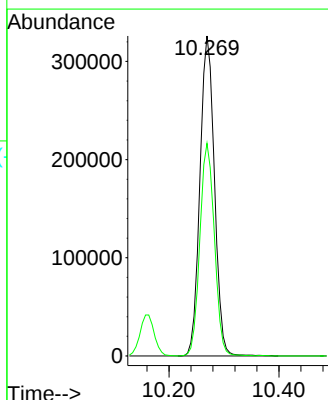
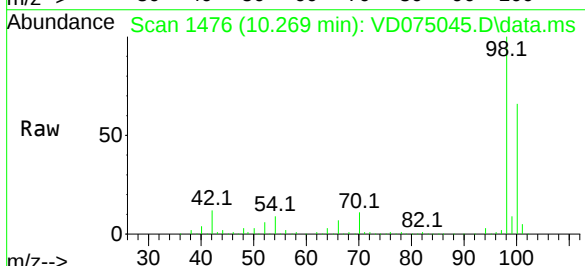
Acq: 22 Dec 2022 12:48

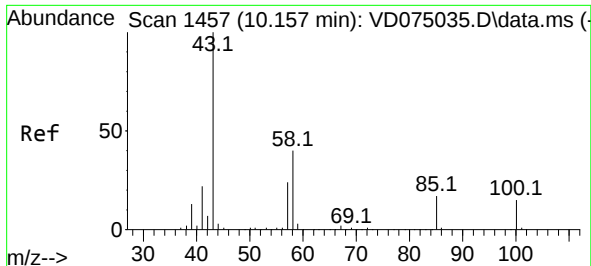
Tgt Ion: 98 Resp: 597277

Ion Ratio Lower Upper

98 100

100 66.6 52.2 78.2

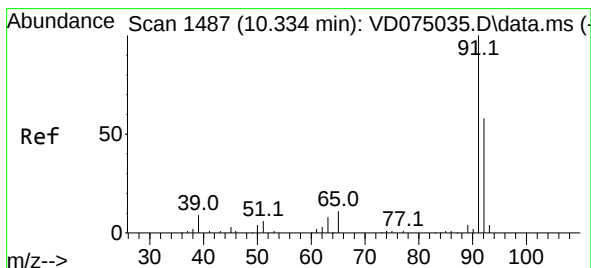
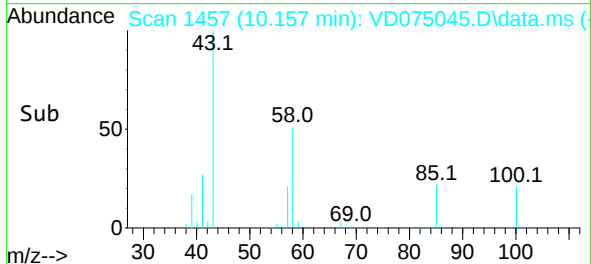
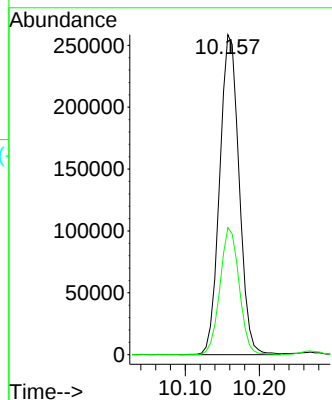
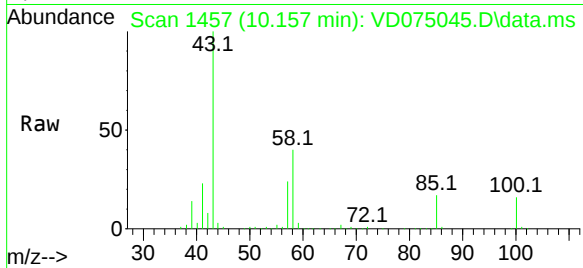




#51
4-Methyl-2-Pentanone
Concen: 458.729 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

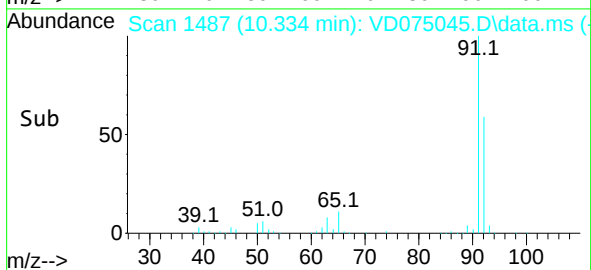
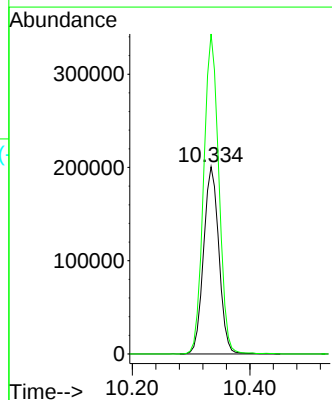
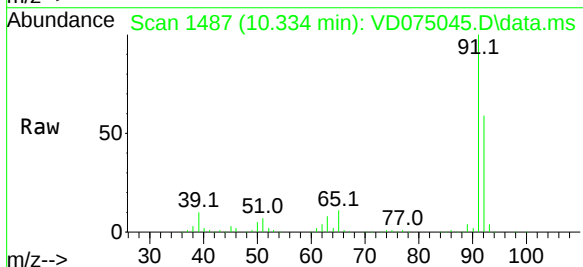
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

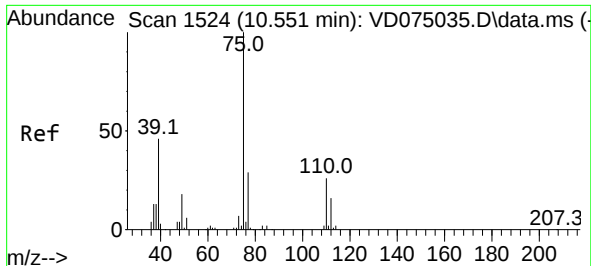
Tgt Ion: 43 Resp: 471650
Ion Ratio Lower Upper
43 100
58 39.1 35.7 53.5



#52
Toluene
Concen: 91.253 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 92 Resp: 362338
Ion Ratio Lower Upper
92 100
91 169.6 139.3 208.9

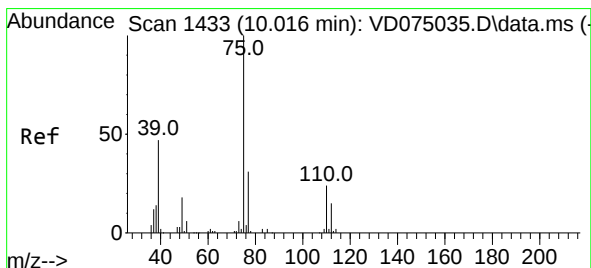
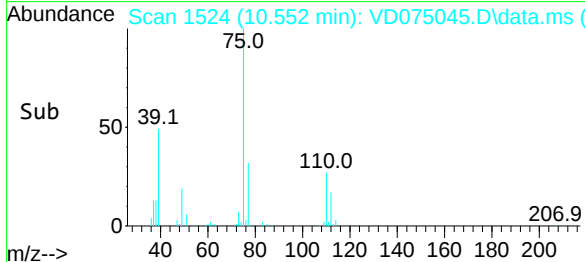
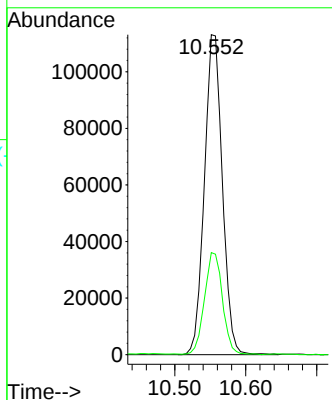
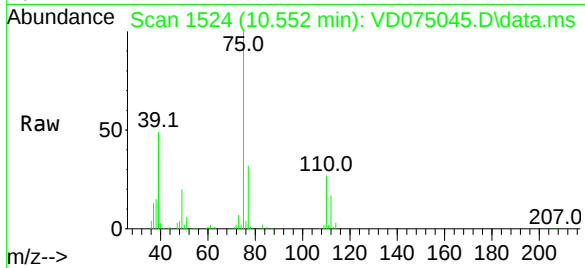




#53
 t-1,3-Dichloropropene
 Concen: 94.637 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

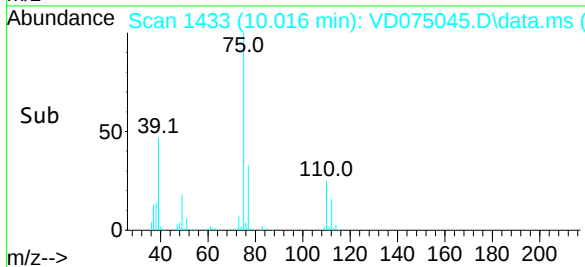
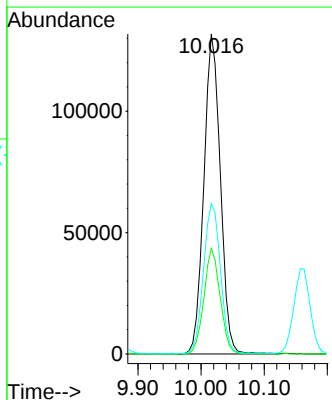
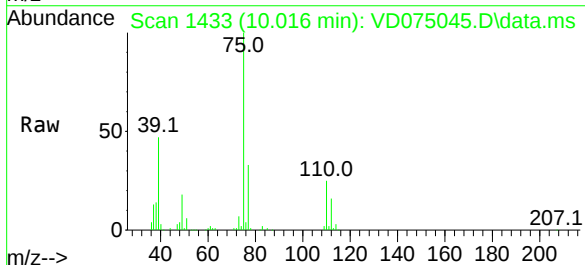
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

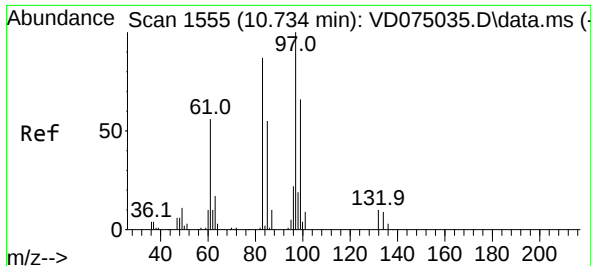
Tgt Ion: 75 Resp: 199178
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 94.233 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

Tgt Ion: 75 Resp: 238996
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3
 39 46.9 25.7 38.5#



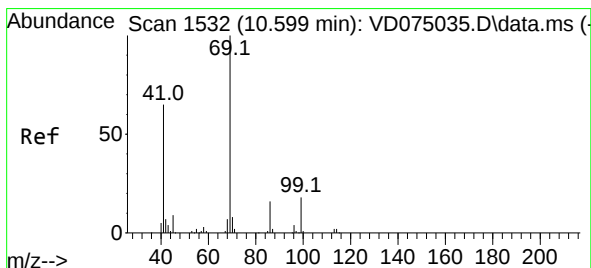
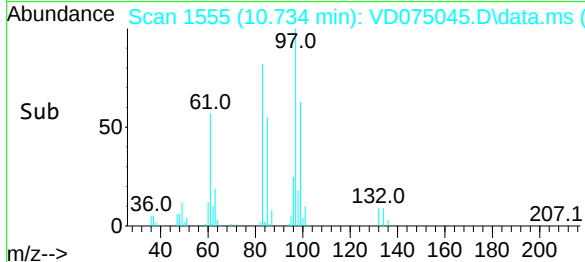
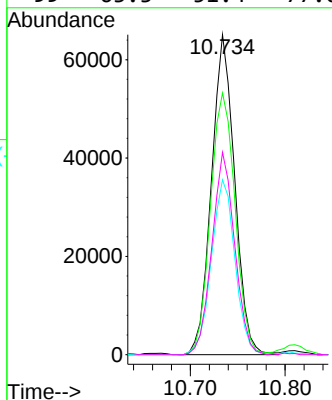
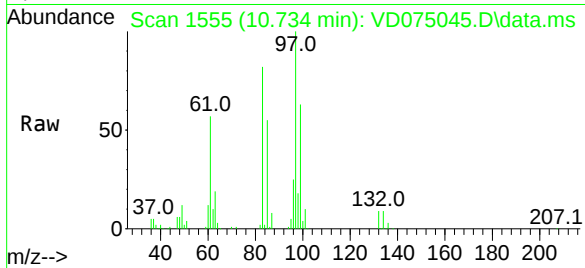


#55
1,1,2-Trichloroethane
Concen: 91.117 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 110827

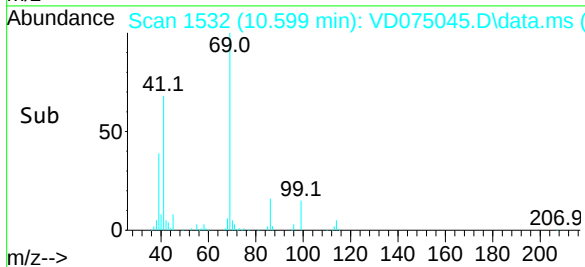
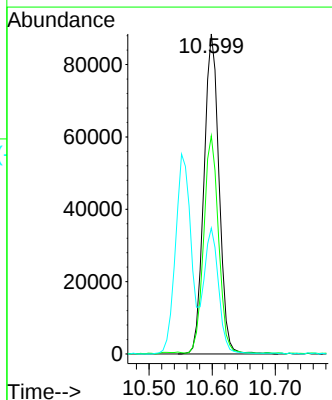
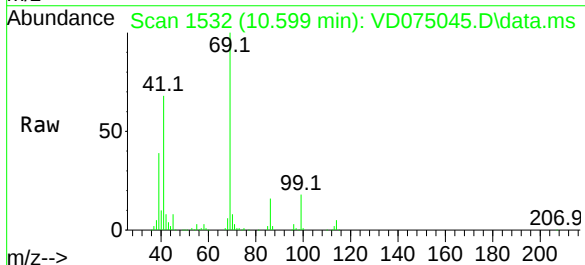
Ion	Ratio	Lower	Upper
97	100		
83	81.8	65.1	97.7
85	54.7	43.3	64.9
99	63.3	51.4	77.0

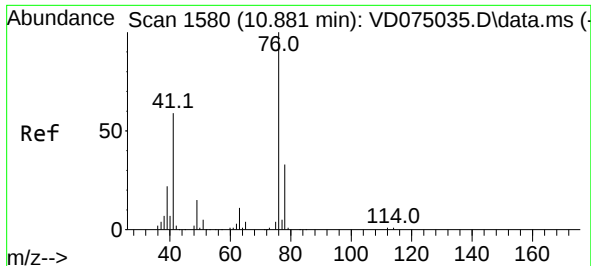


#56
Ethyl methacrylate
Concen: 91.827 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 69 Resp: 147023

Ion	Ratio	Lower	Upper
69	100		
41	66.5	42.2	63.4#
39	38.5	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 93.577 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

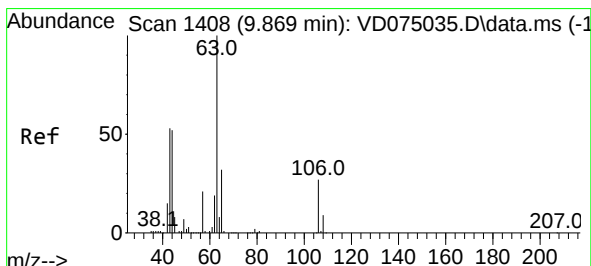
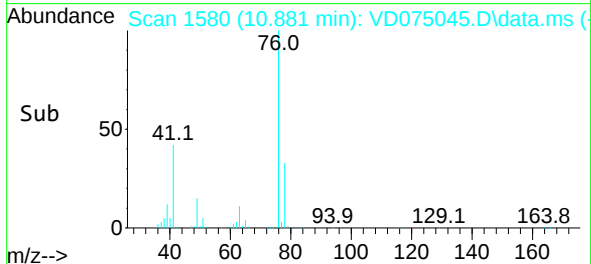
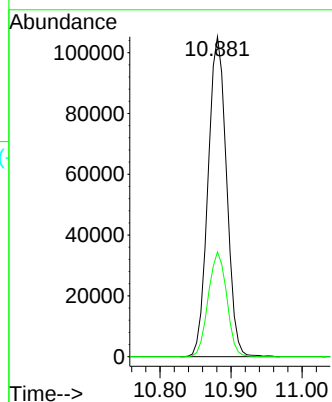
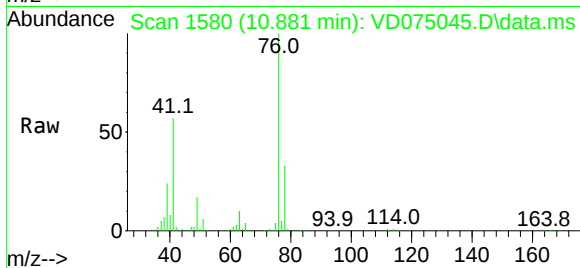
VSTDICC100

Tgt Ion: 76 Resp: 190275

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 476.570 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075045.D

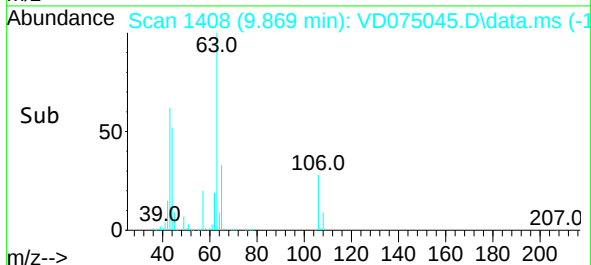
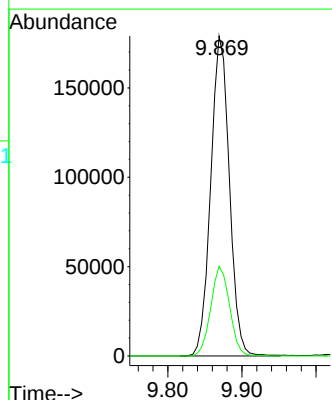
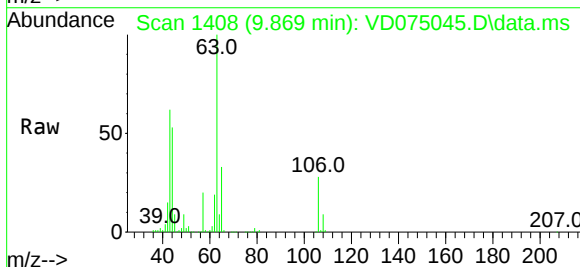
Acq: 22 Dec 2022 12:48

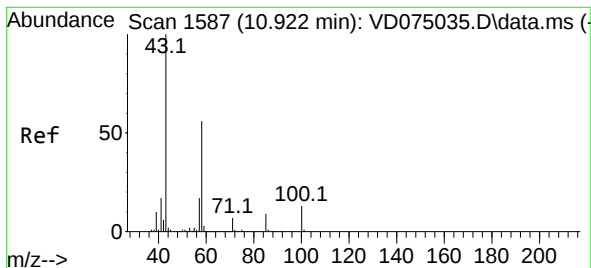
Tgt Ion: 63 Resp: 313196

Ion Ratio Lower Upper

63 100

106 28.2 25.3 37.9

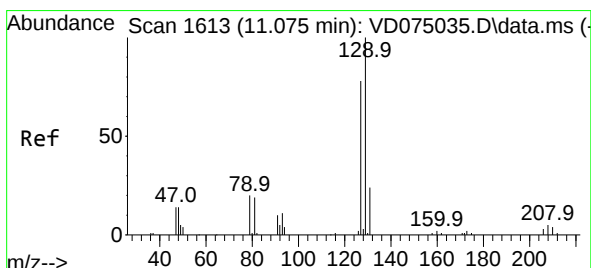
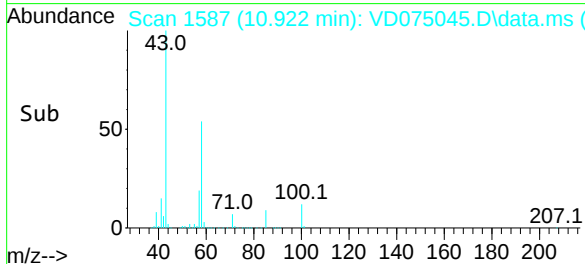
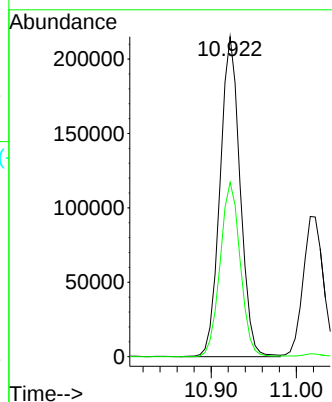
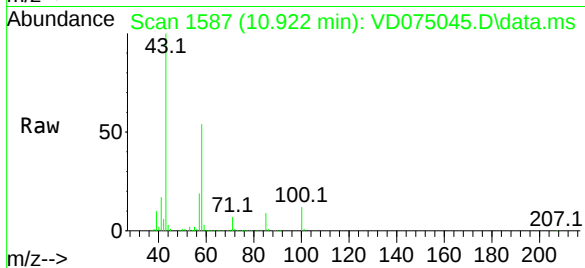




#59
2-Hexanone
Concen: 471.326 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

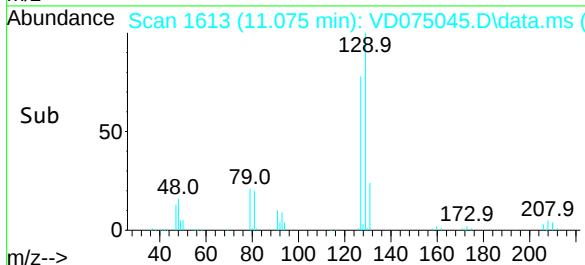
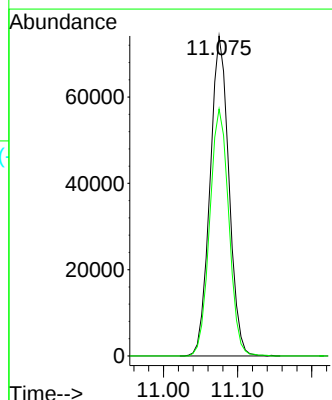
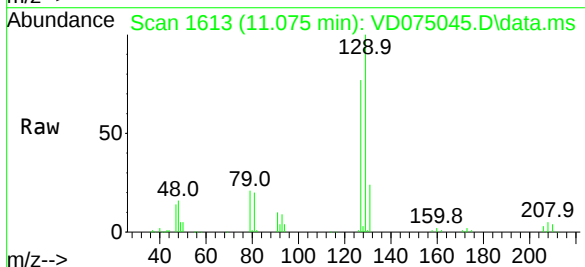
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

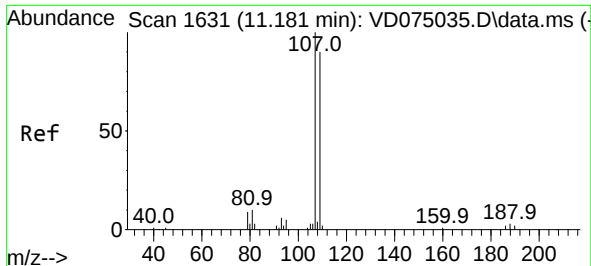
Tgt Ion: 43 Resp: 352399
Ion Ratio Lower Upper
43 100
58 54.6 30.8 92.4



#60
Dibromochloromethane
Concen: 94.244 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 129 Resp: 131325
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3

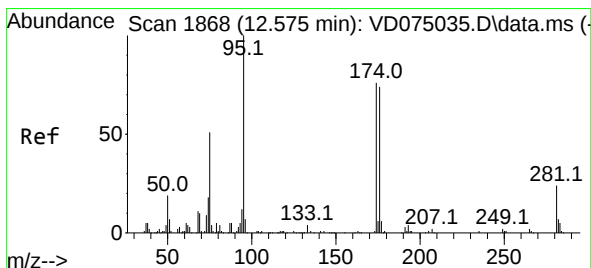
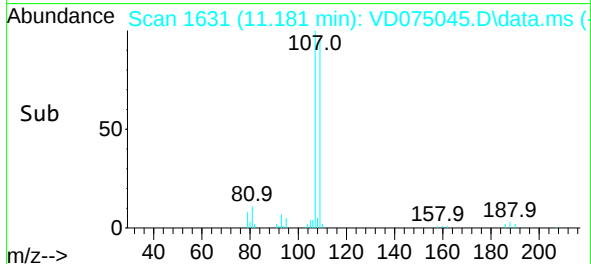
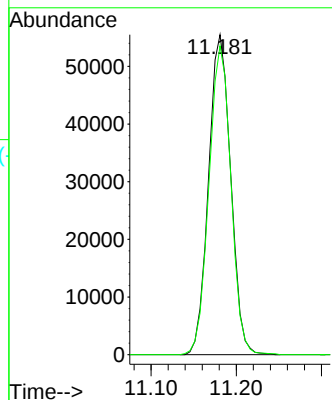
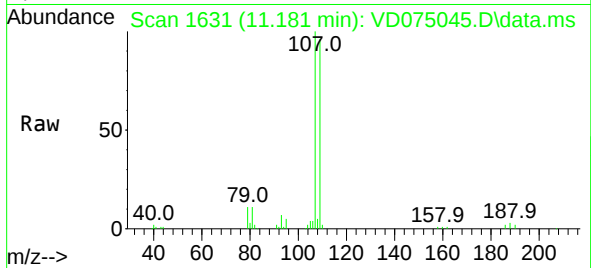




#61
1,2-Dibromoethane
Concen: 91.657 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

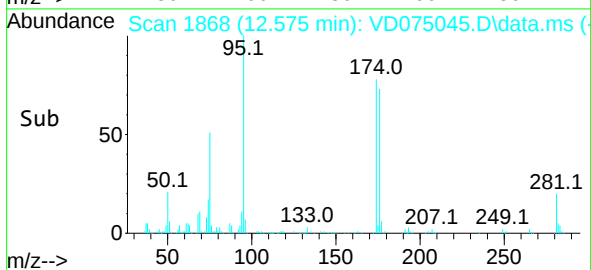
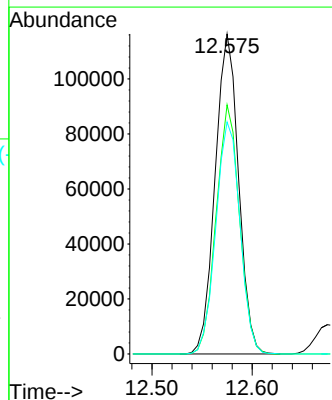
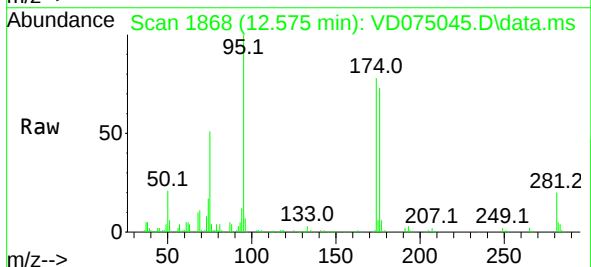
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

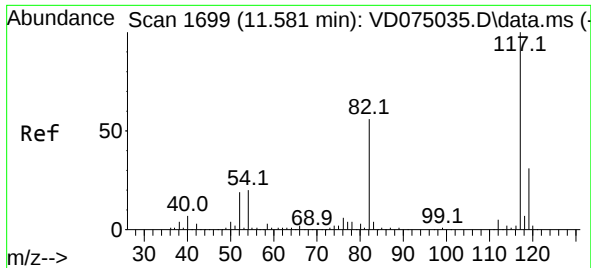
Tgt Ion:107 Resp: 99947
Ion Ratio Lower Upper
107 100
109 96.0 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 90.817 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 95 Resp: 188495
Ion Ratio Lower Upper
95 100
174 77.4 0.0 171.2
176 74.5 0.0 165.0

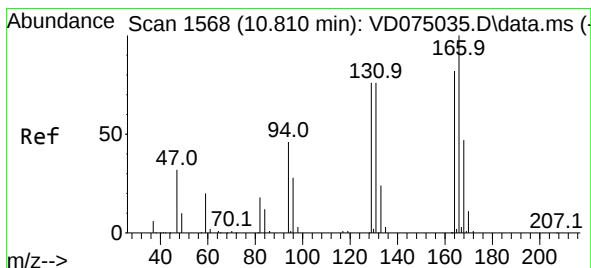
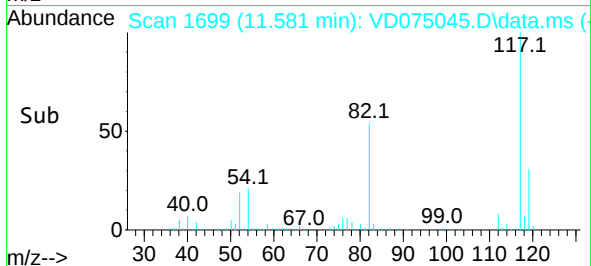
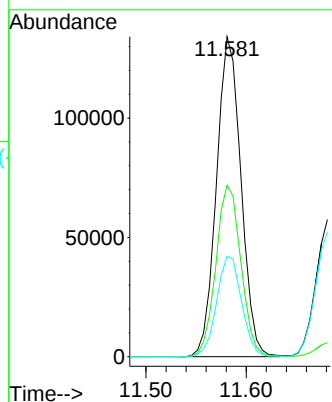
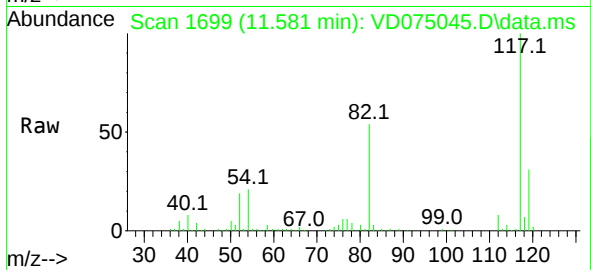




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

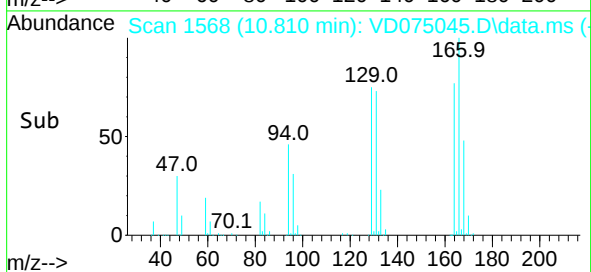
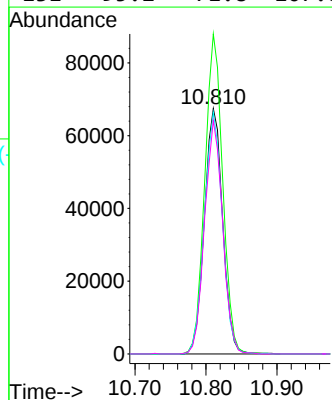
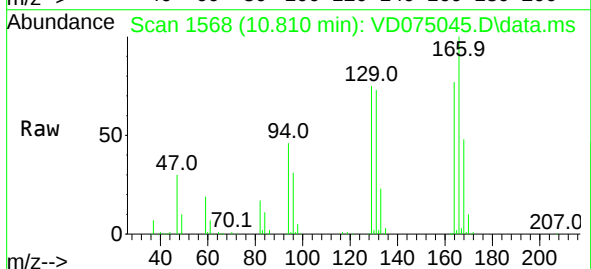
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

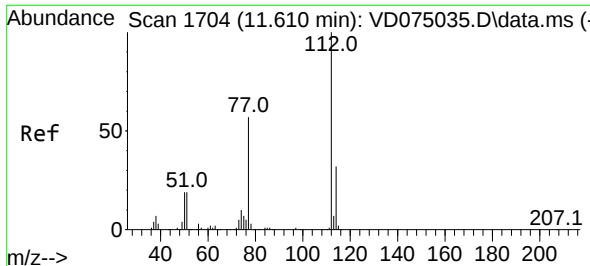
Tgt Ion:117 Resp: 227327
Ion Ratio Lower Upper
117 100
82 53.5 40.9 61.3
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 90.722 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:164 Resp: 120719
Ion Ratio Lower Upper
164 100
166 130.4 99.4 149.0
129 98.4 76.7 115.1
131 95.2 71.8 107.8

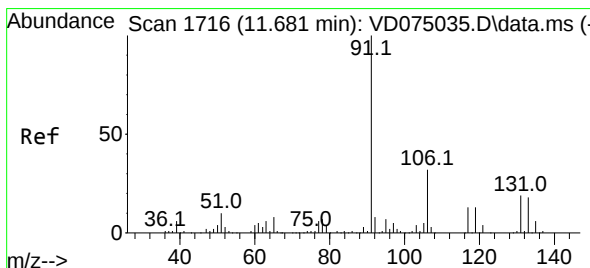
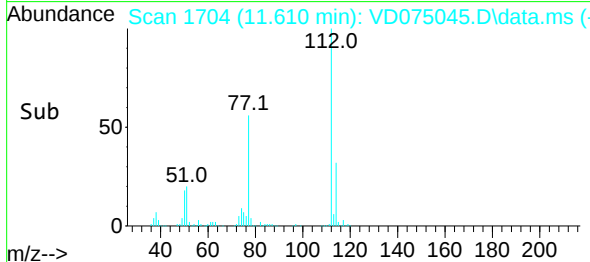
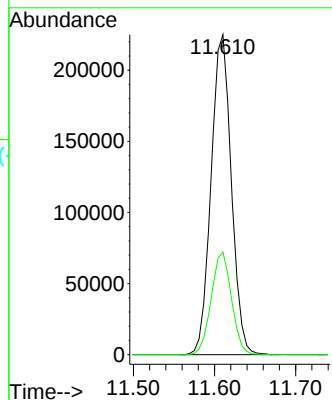
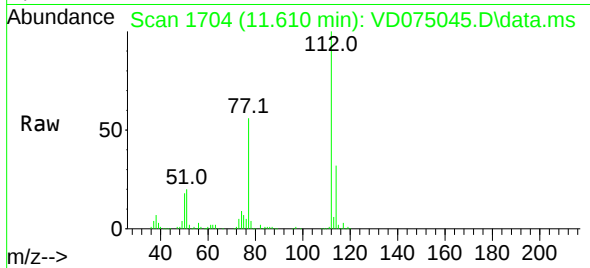




#65
Chlorobenzene
Concen: 93.784 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

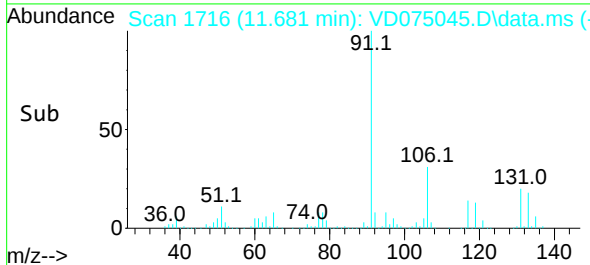
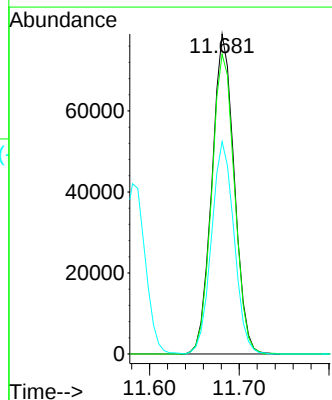
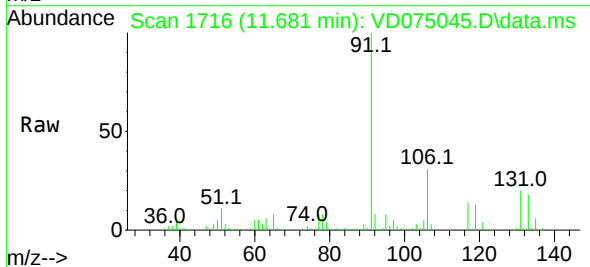
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

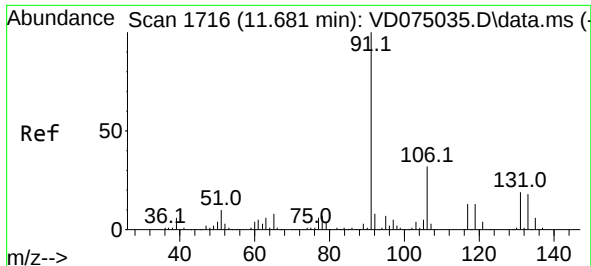
Tgt Ion:112 Resp: 389376
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 94.938 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:131 Resp: 136499
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.6
119 67.1 34.2 102.5





#67

Ethyl Benzene

Concen: 93.168 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

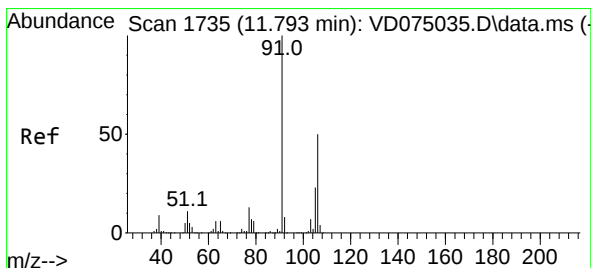
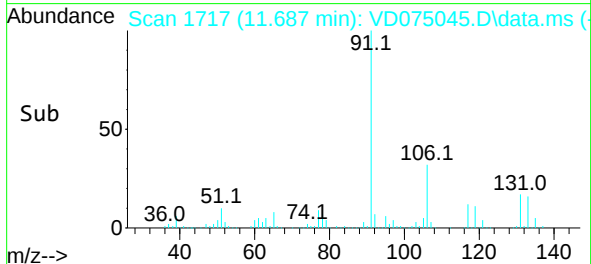
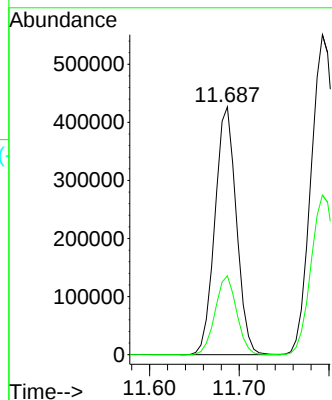
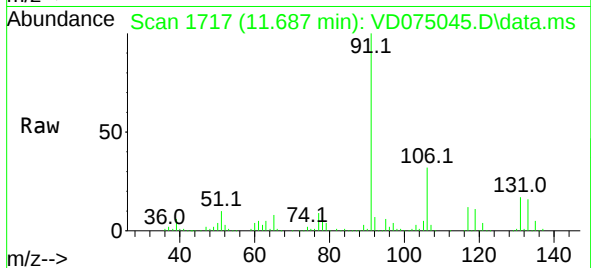
VSTDICC100

Tgt Ion: 91 Resp: 707968

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 184.019 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075045.D

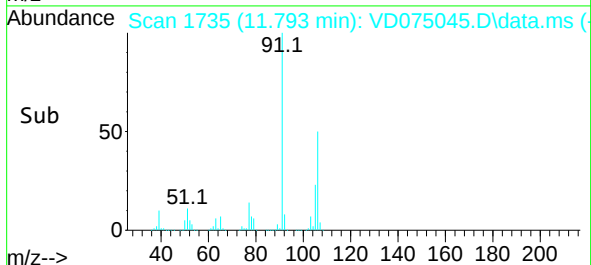
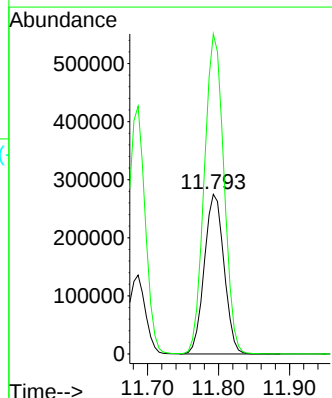
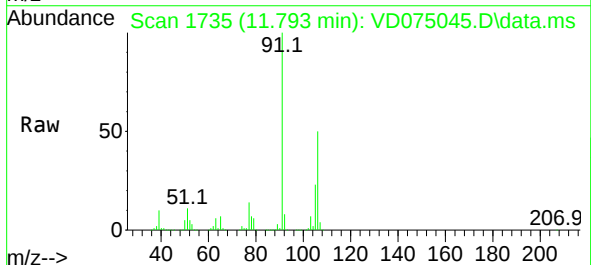
Acq: 22 Dec 2022 12:48

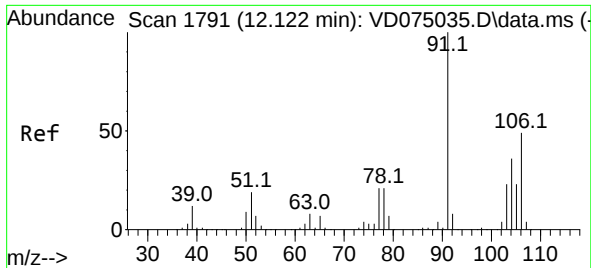
Tgt Ion:106 Resp: 530172

Ion Ratio Lower Upper

106 100

91 199.6 156.3 234.5

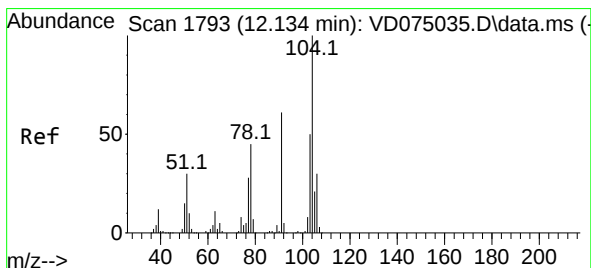
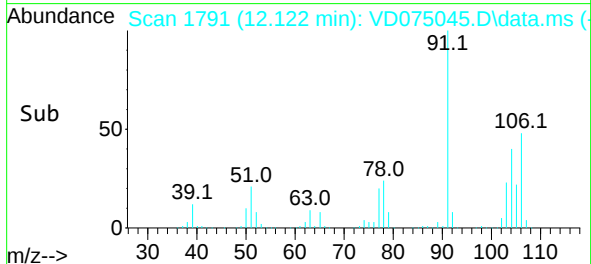
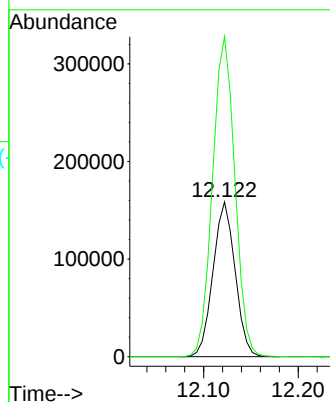
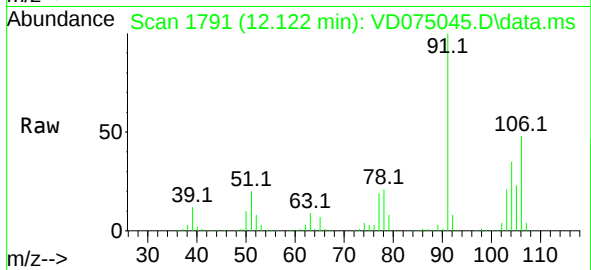




#69
o-Xylene
Concen: 92.576 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

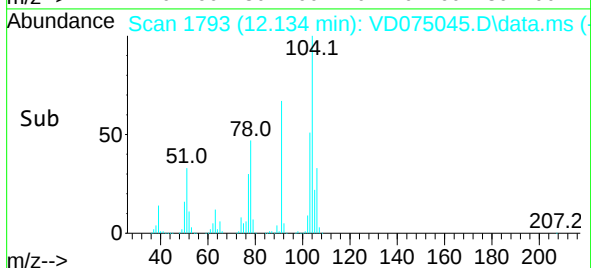
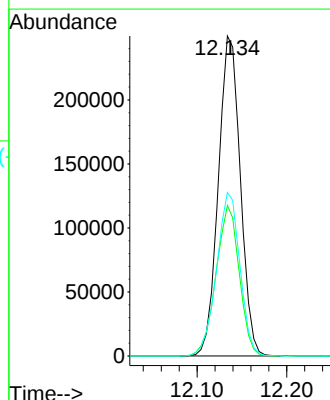
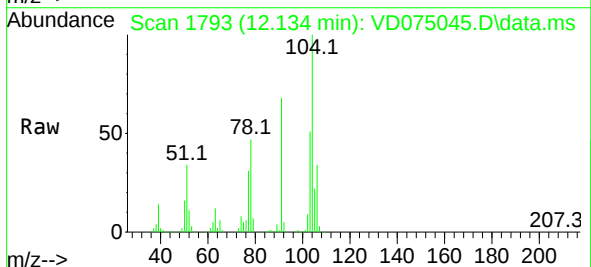
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

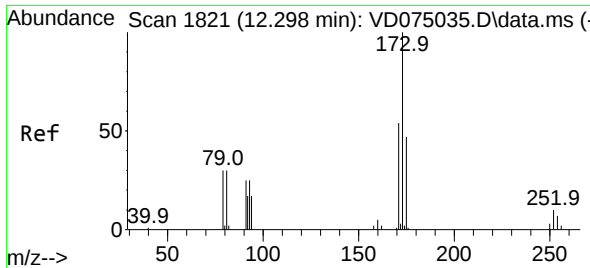
Tgt Ion:106 Resp: 256566
Ion Ratio Lower Upper
106 100
91 209.5 102.7 308.1



#70
Styrene
Concen: 91.352 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:104 Resp: 425648
Ion Ratio Lower Upper
104 100
78 49.6 35.5 53.3
103 54.0 43.9 65.9

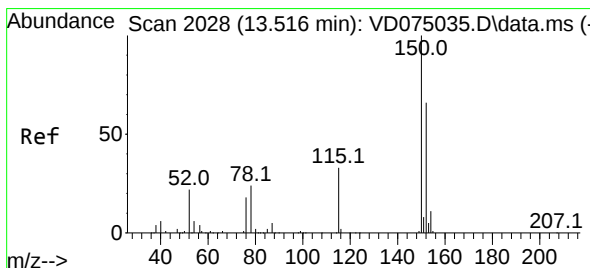
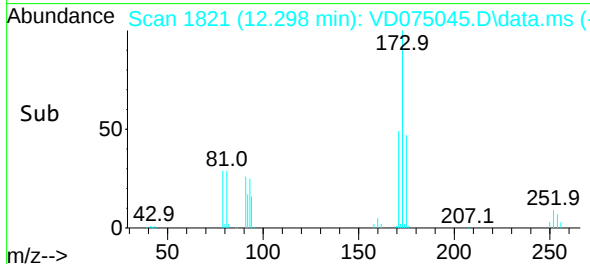
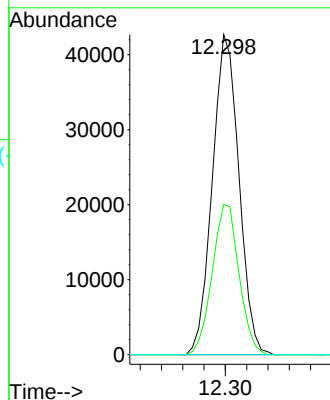
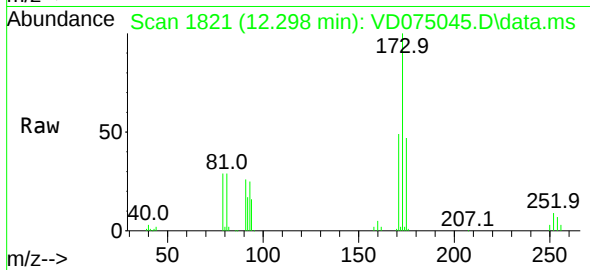




#71
Bromoform
Concen: 94.670 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

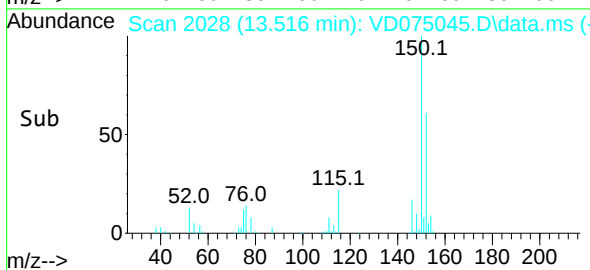
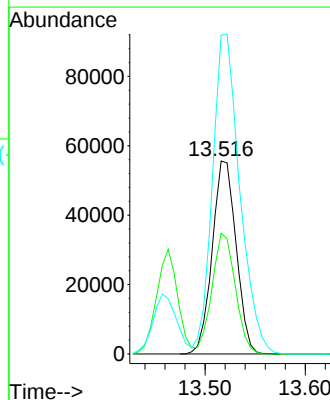
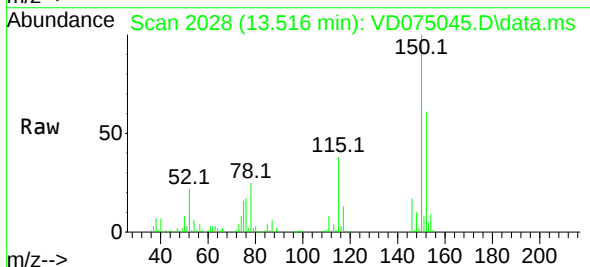
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

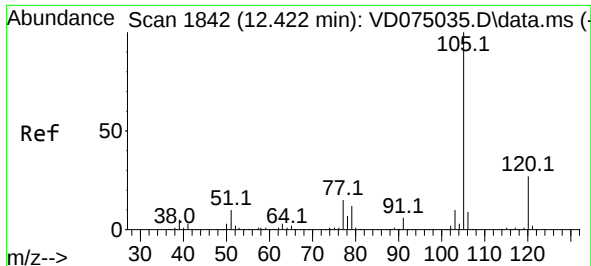
Tgt Ion:173 Resp: 73851
Ion Ratio Lower Upper
173 100
175 47.4 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:152 Resp: 92190
Ion Ratio Lower Upper
152 100
115 61.3 28.8 86.5
150 189.6 0.0 354.2

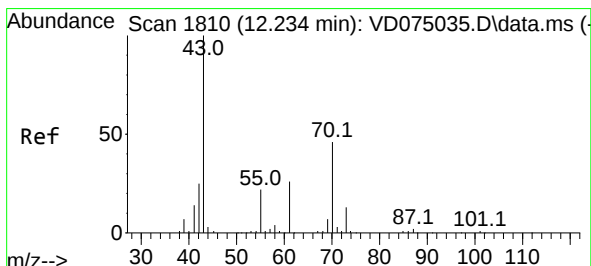
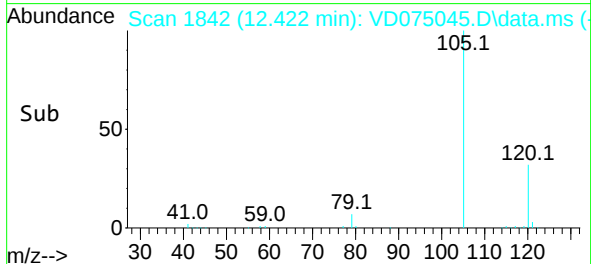
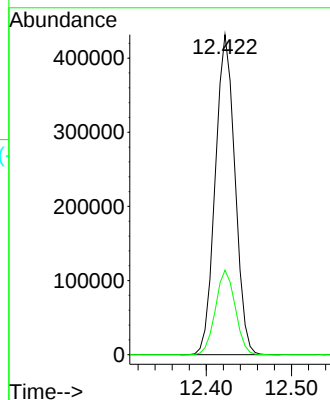
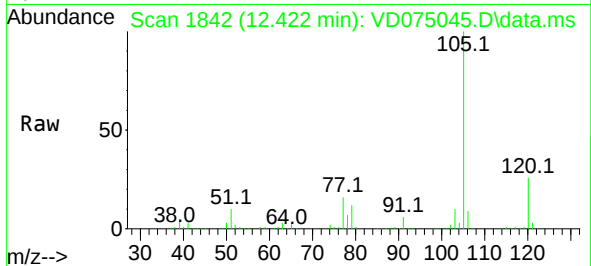




#73
Isopropylbenzene
Concen: 97.963 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

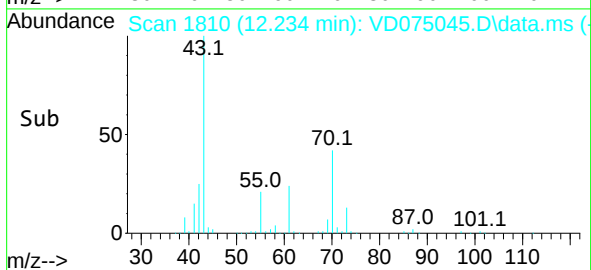
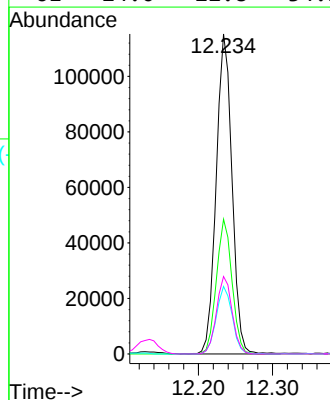
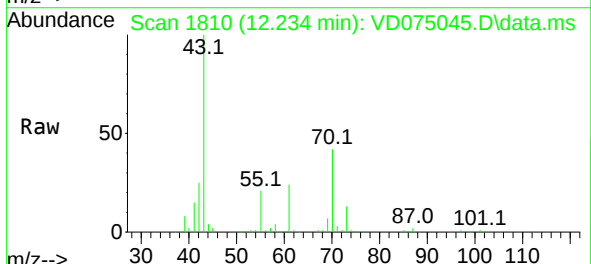
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

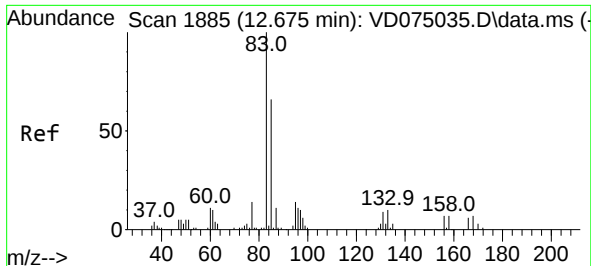
Tgt Ion:105 Resp: 692409
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 95.084 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 43 Resp: 170586
Ion Ratio Lower Upper
43 100
70 41.5 40.6 60.8
55 21.4 22.0 33.0#
61 24.0 22.8 34.2

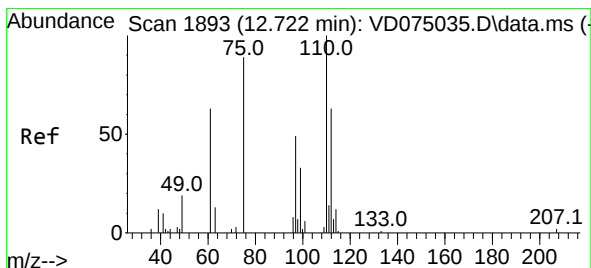
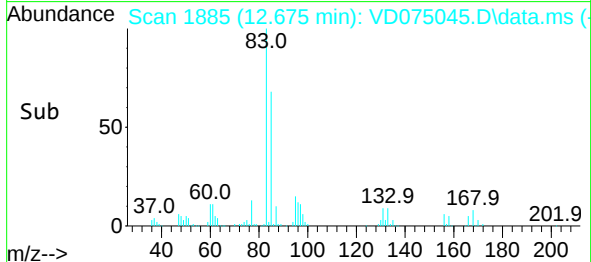
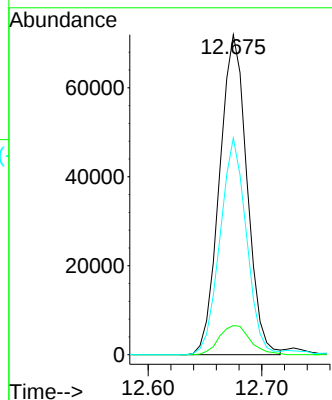
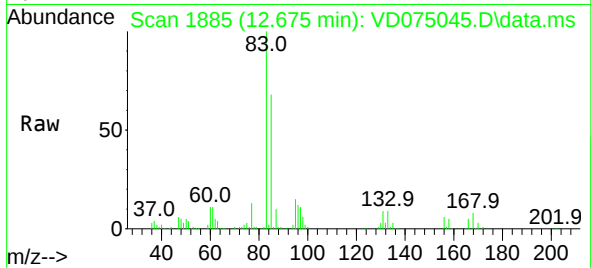




#75
1,1,2,2-Tetrachloroethane
Concen: 95.875 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

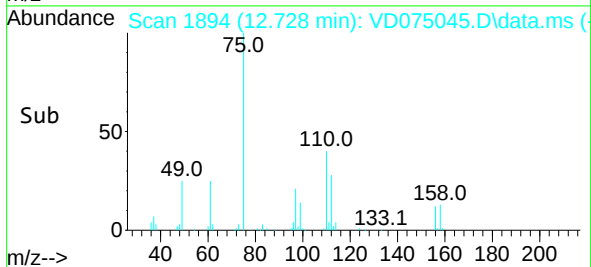
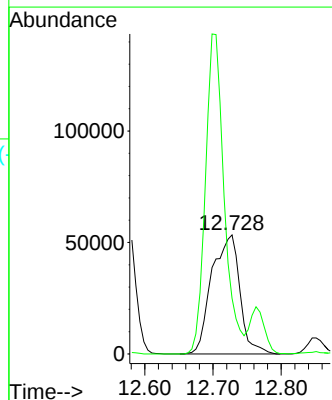
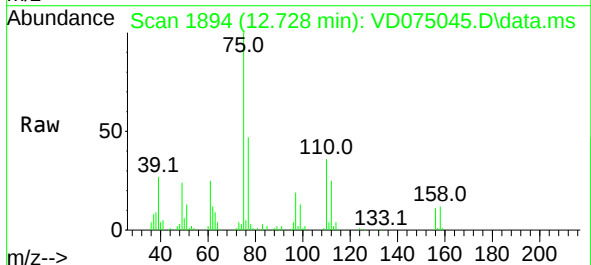
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

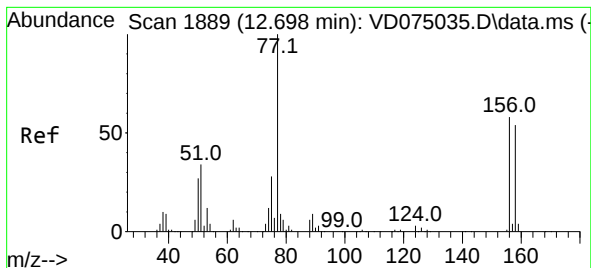
Tgt Ion: 83 Resp: 120836
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 65.0 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 162.094 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 75 Resp: 153222
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 95.847 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

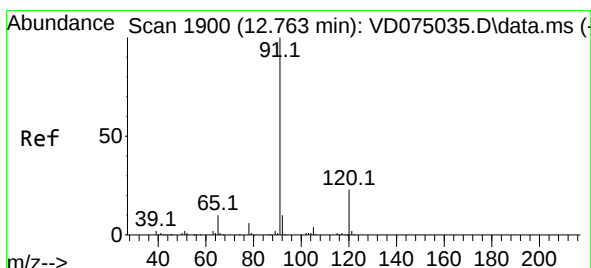
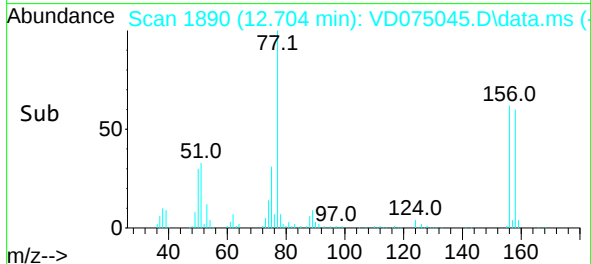
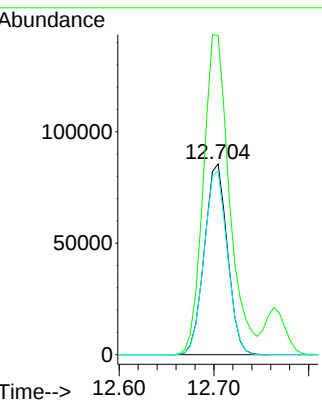
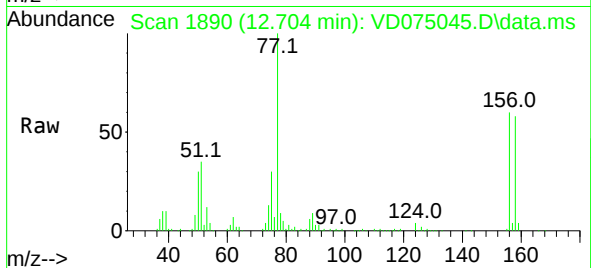
Tgt Ion:156 Resp: 144610

Ion Ratio Lower Upper

156 100

77 190.5 86.3 258.9

158 97.3 48.3 144.9



#78

n-propylbenzene

Concen: 96.720 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075045.D

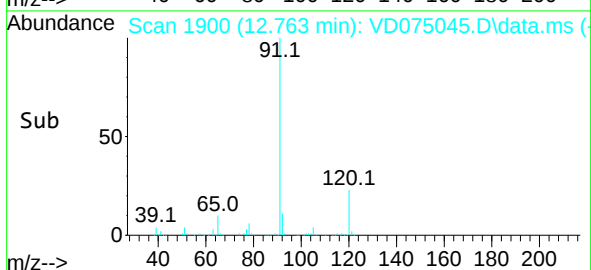
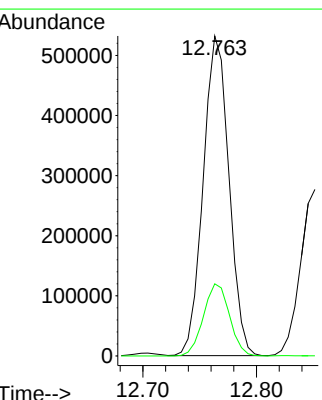
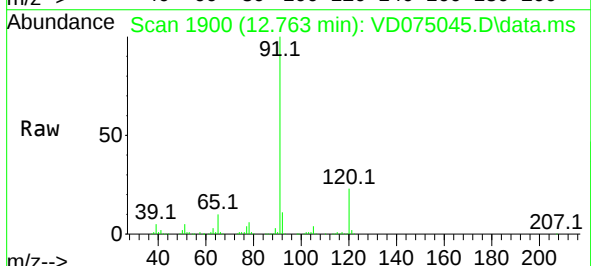
Acq: 22 Dec 2022 12:48

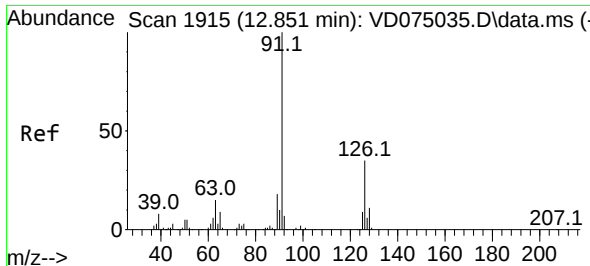
Tgt Ion: 91 Resp: 837338

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.7

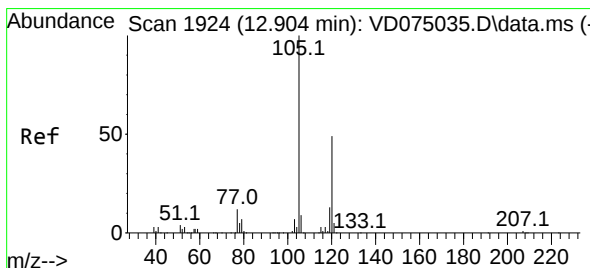
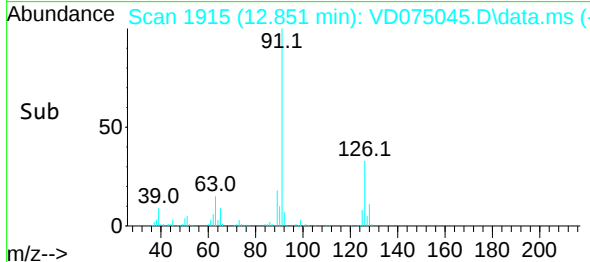
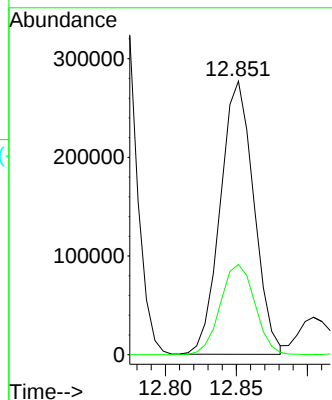
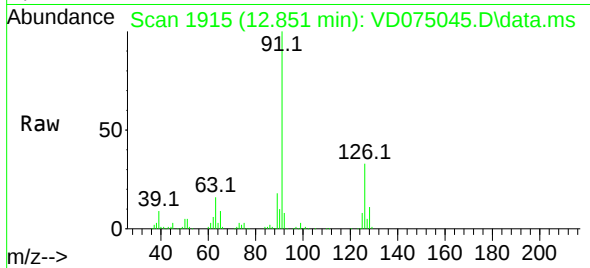




#79
2-Chlorotoluene
Concen: 96.254 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

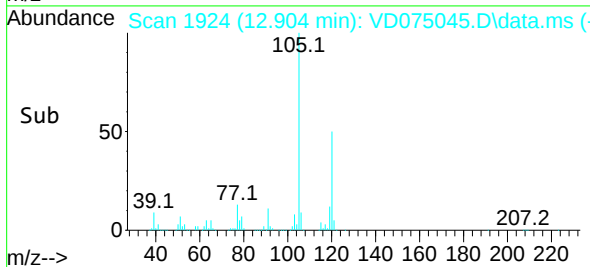
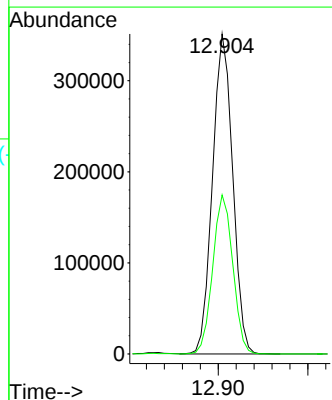
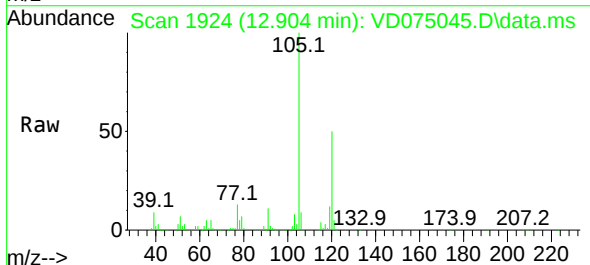
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

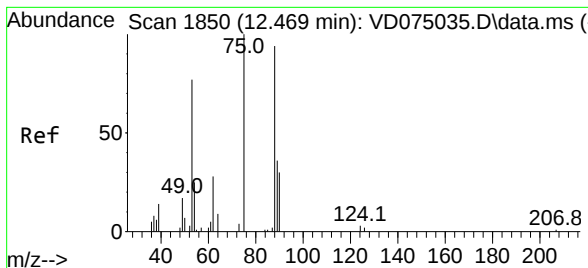
Tgt Ion: 91 Resp: 455252
Ion Ratio Lower Upper
91 100
126 34.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 96.256 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 105 Resp: 548660
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.3

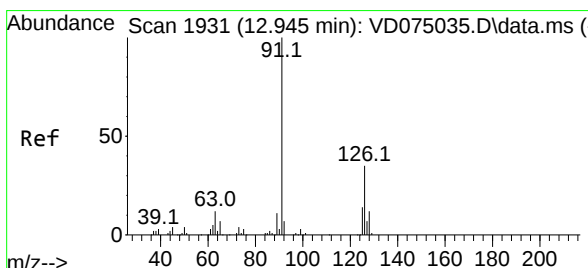
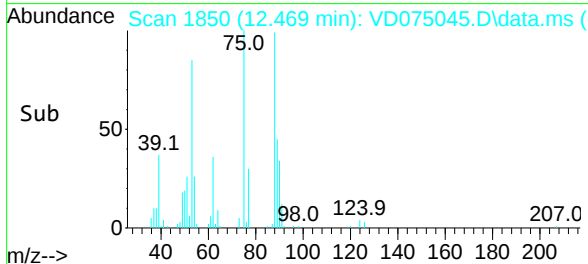
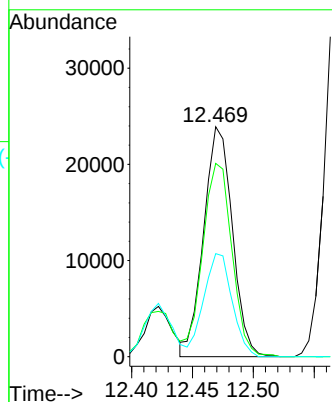
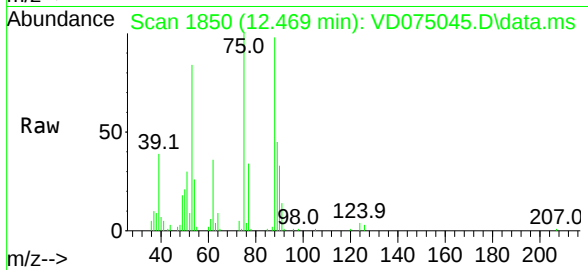




#81
trans-1,4-Dichloro-2-butene
Concen: 96.151 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

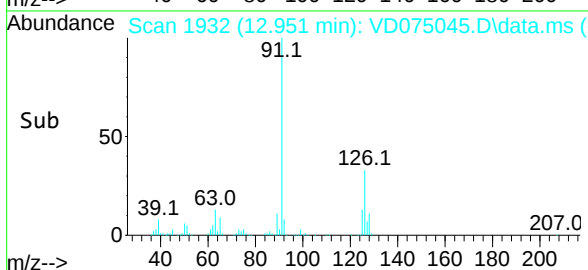
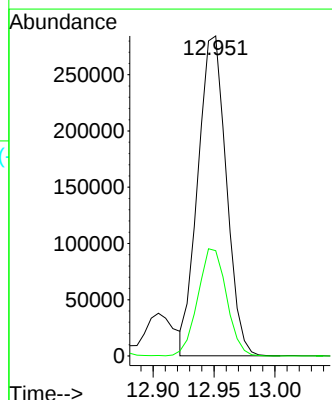
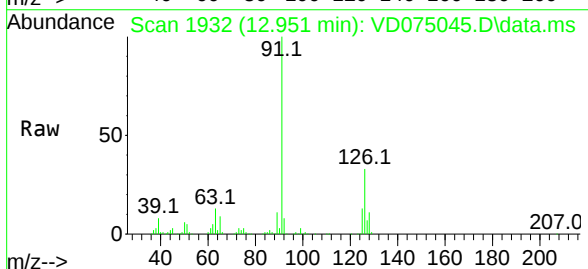
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

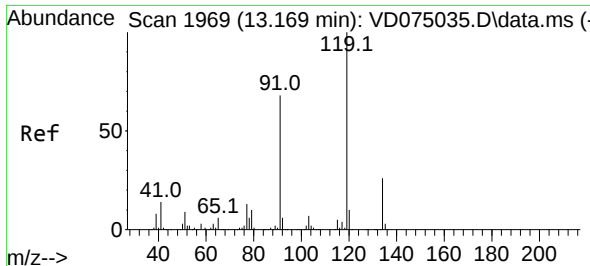
Tgt Ion: 75 Resp: 39216
Ion Ratio Lower Upper
75 100
53 86.0 60.0 90.0
89 44.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 95.415 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 91 Resp: 460454
Ion Ratio Lower Upper
91 100
126 34.0 18.1 54.1

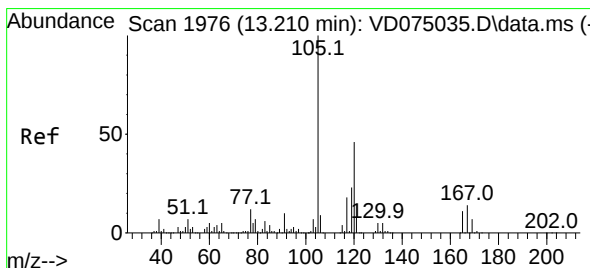
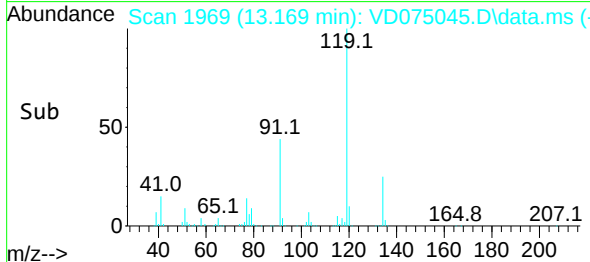
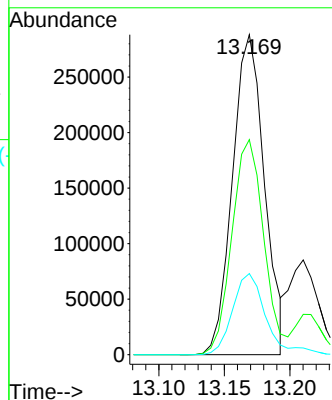
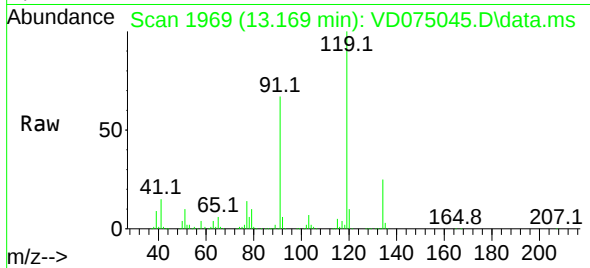




#83
tert-Butylbenzene
Concen: 96.926 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

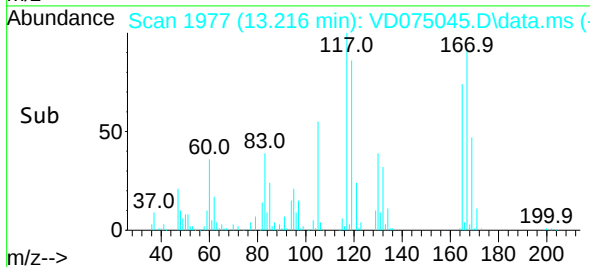
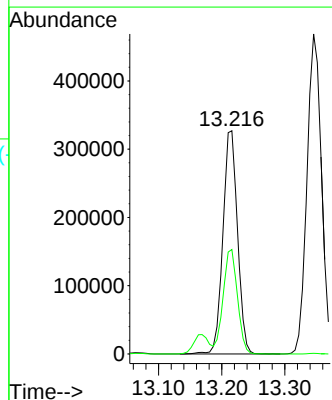
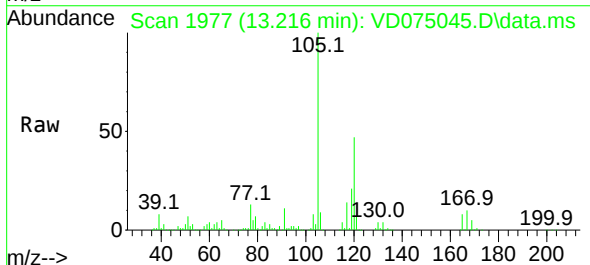
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

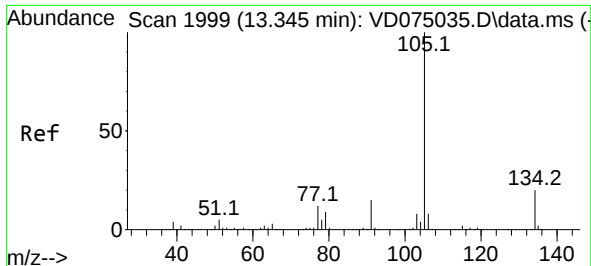
Tgt Ion:119 Resp: 489092
Ion Ratio Lower Upper
119 100
91 67.3 31.2 93.6
134 26.4 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 94.838 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:105 Resp: 525799
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.3

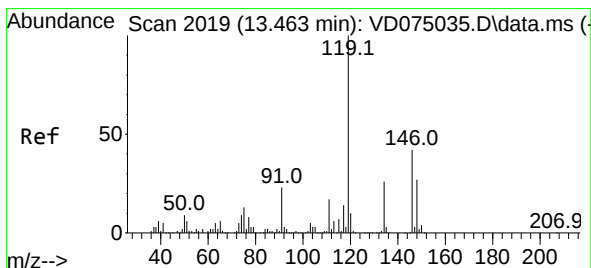
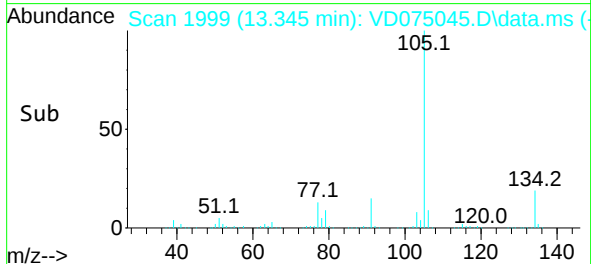
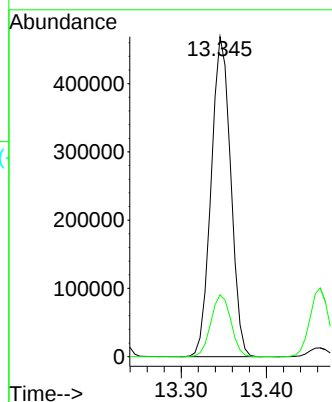
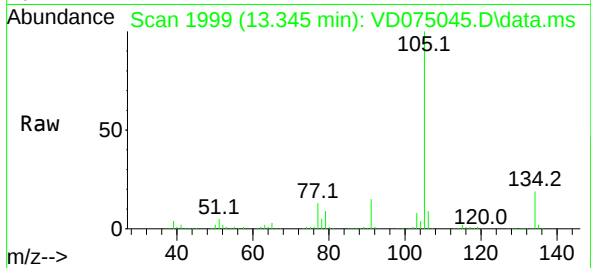




#85
 sec-Butylbenzene
 Concen: 96.325 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

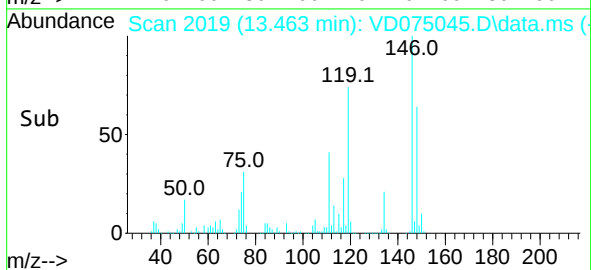
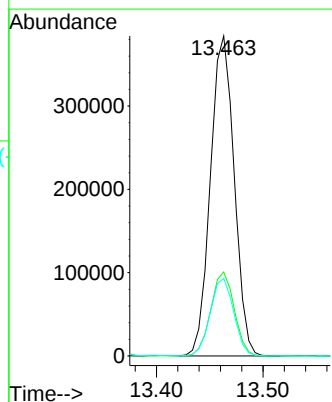
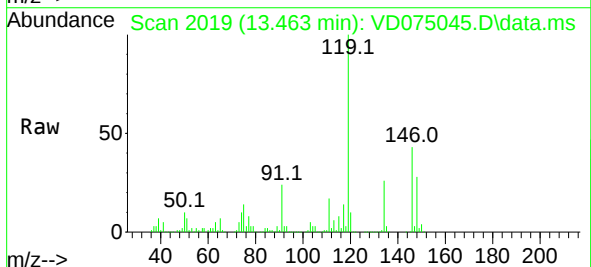
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

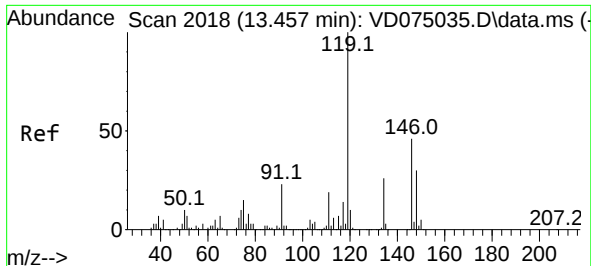
Tgt Ion:105 Resp: 746260
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 96.298 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075045.D
 Acq: 22 Dec 2022 12:48

Tgt Ion:119 Resp: 595158
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 24.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 95.158 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

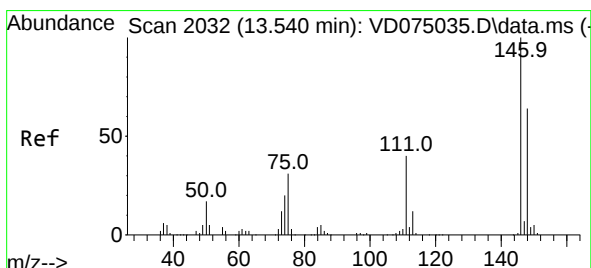
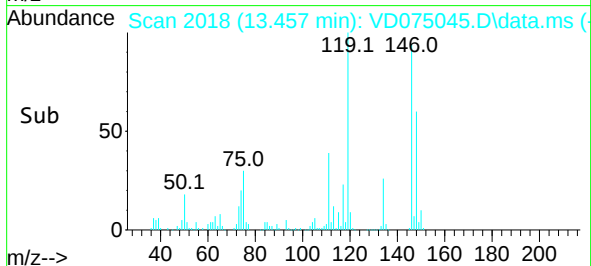
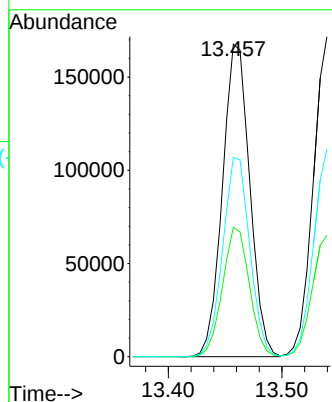
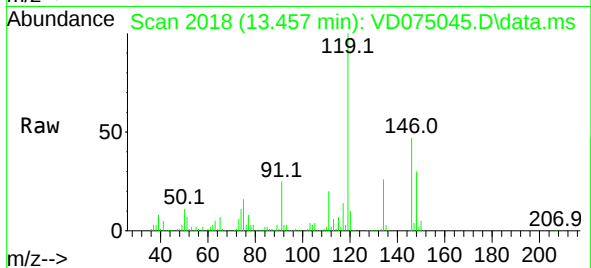
Tgt Ion:146 Resp: 280511

Ion Ratio Lower Upper

146 100

111 40.6 19.1 57.5

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 94.156 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

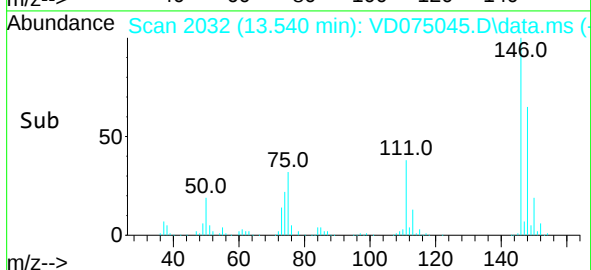
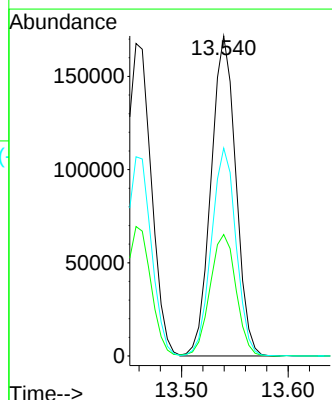
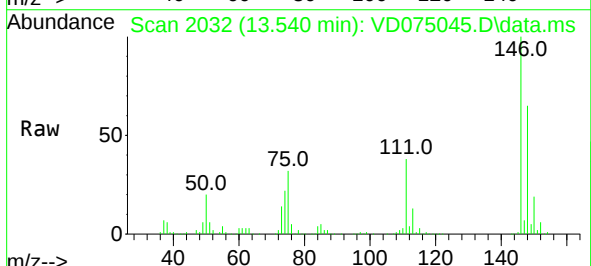
Tgt Ion:146 Resp: 277253

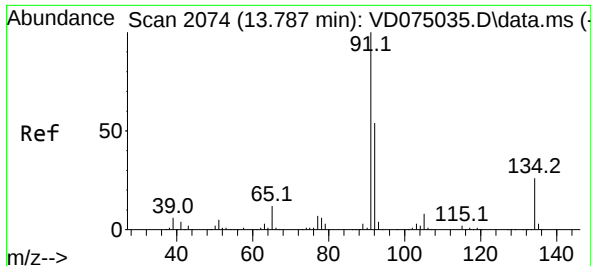
Ion Ratio Lower Upper

146 100

111 39.9 18.6 55.6

148 64.6 32.0 96.2

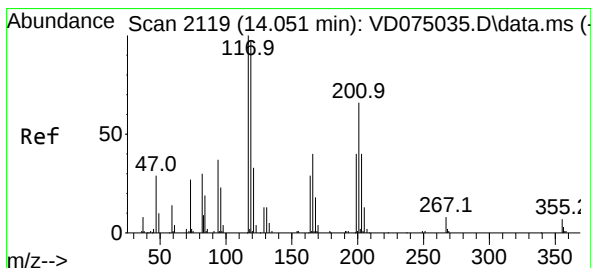
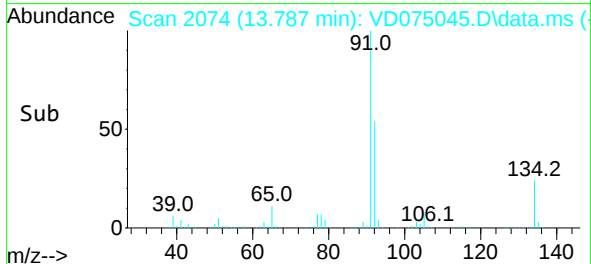
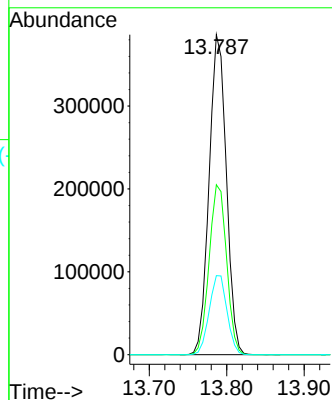
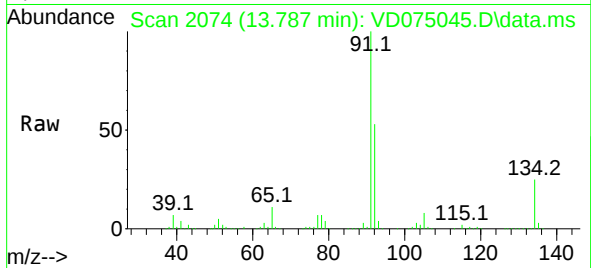




#89
n-Butylbenzene
Concen: 96.662 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

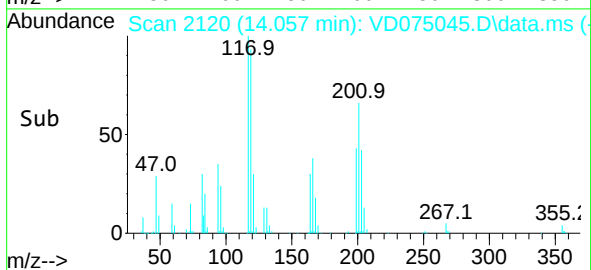
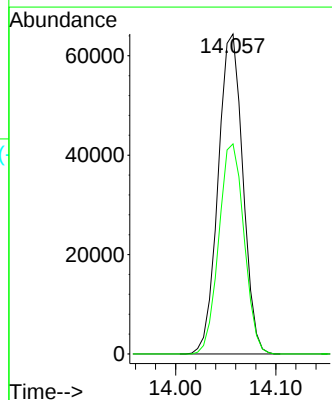
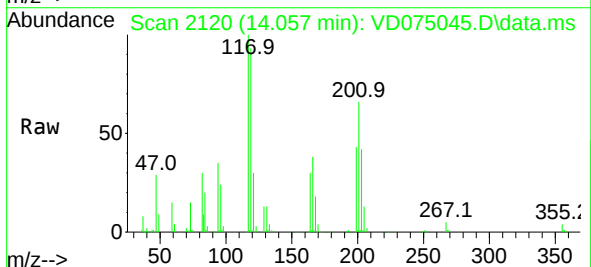
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

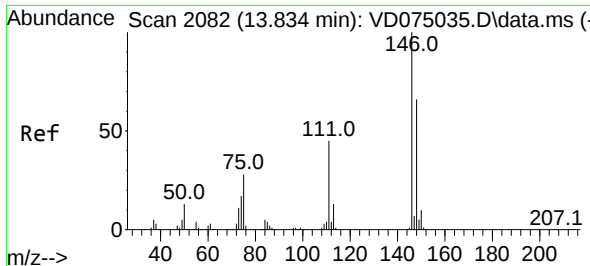
Tgt Ion: 91 Resp: 596681
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 25.5 13.3 39.8



#90
Hexachloroethane
Concen: 100.399 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion: 117 Resp: 110264
Ion Ratio Lower Upper
117 100
201 67.0 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 95.200 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

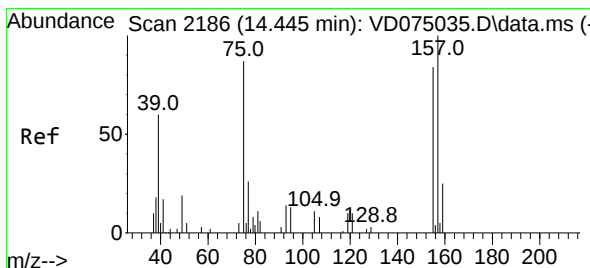
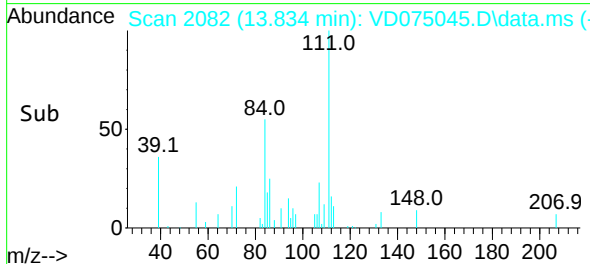
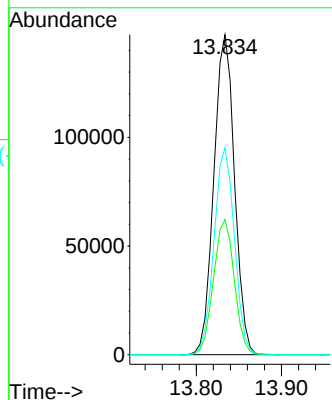
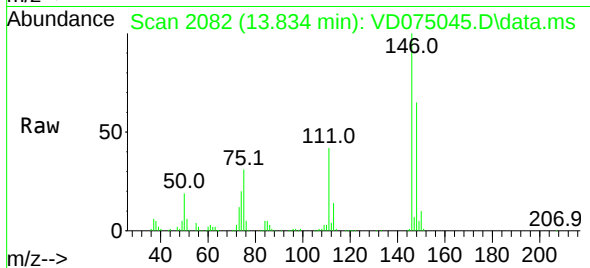
Tgt Ion:146 Resp: 247967

Ion Ratio Lower Upper

146 100

111 42.5 19.9 59.7

148 64.2 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 97.422 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

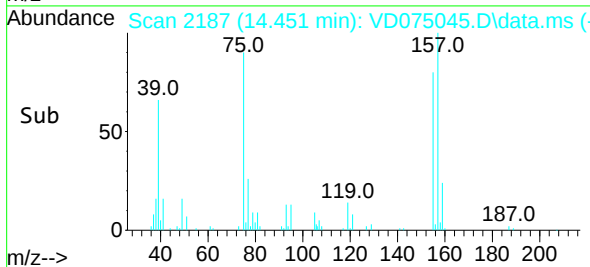
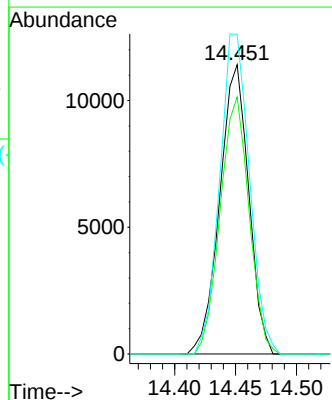
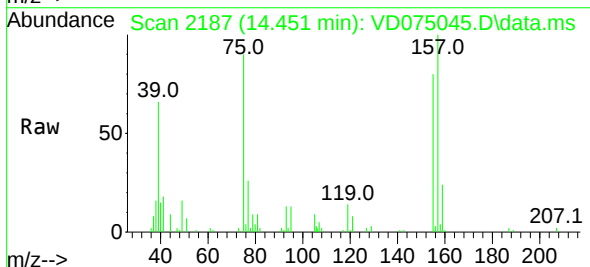
Tgt Ion: 75 Resp: 18868

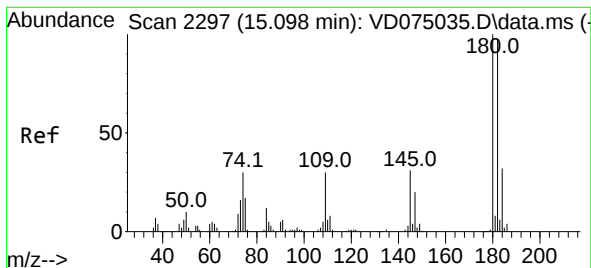
Ion Ratio Lower Upper

75 100

155 88.7 47.1 141.4

157 113.9 56.7 170.1





#93

1,2,4-Trichlorobenzene

Concen: 97.779 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

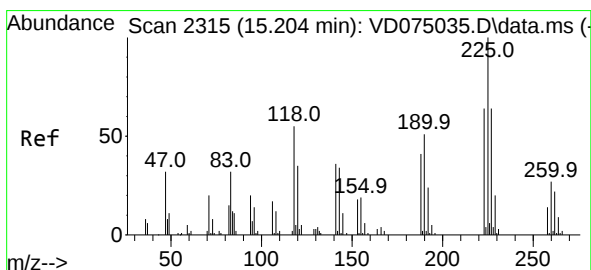
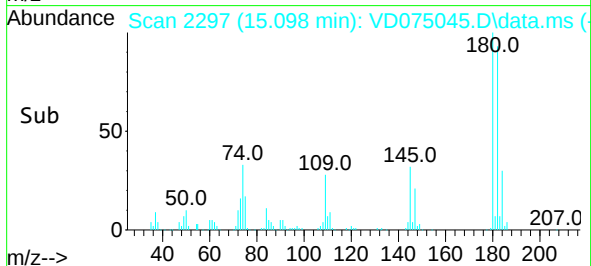
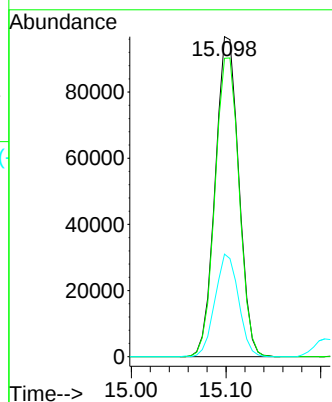
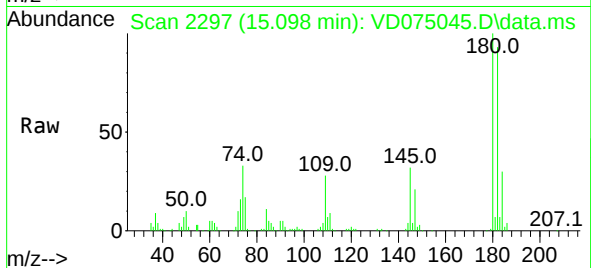
Tgt Ion:180 Resp: 167347

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.5

145 31.9 14.9 44.5



#94

Hexachlorobutadiene

Concen: 99.017 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD075045.D

Acq: 22 Dec 2022 12:48

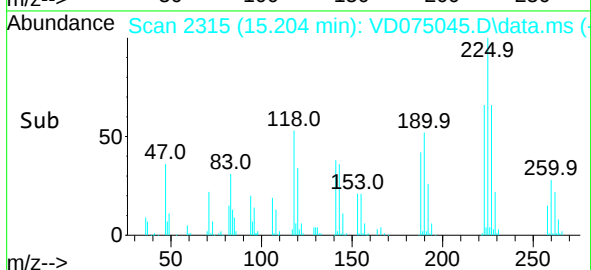
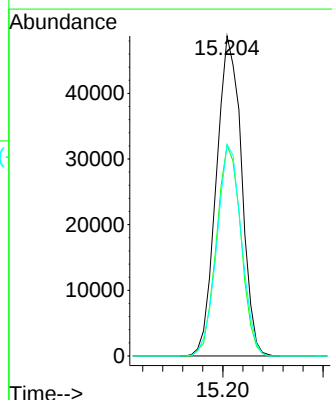
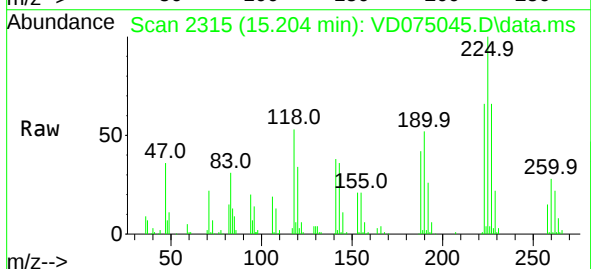
Tgt Ion:225 Resp: 84717

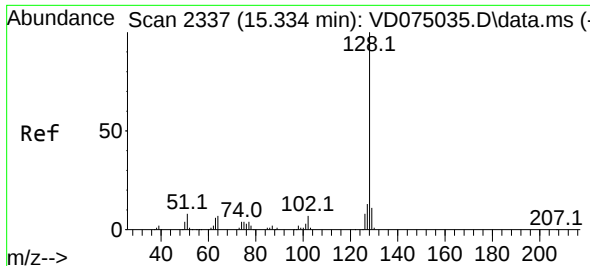
Ion Ratio Lower Upper

225 100

223 64.0 31.0 93.0

227 64.7 31.0 93.0

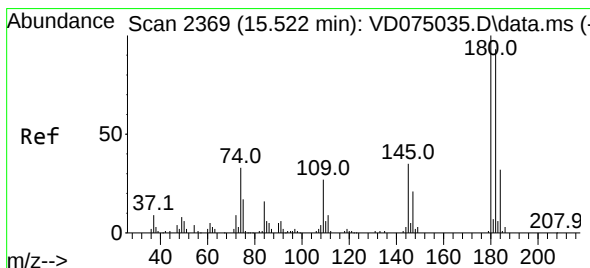
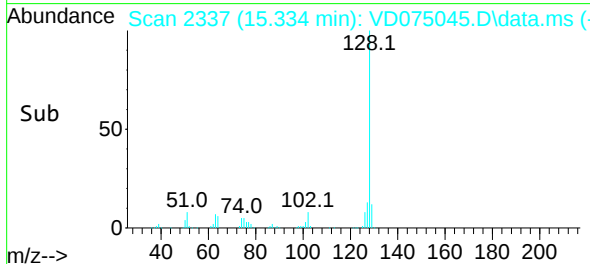
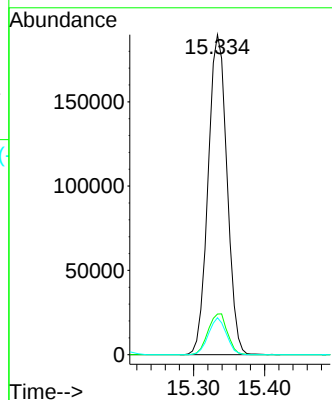
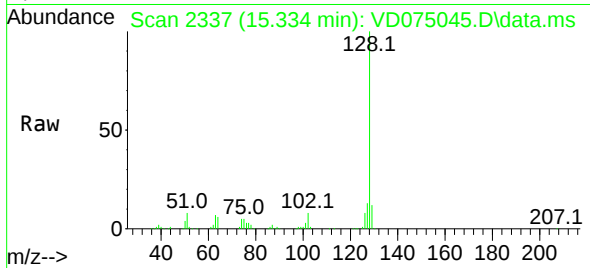




#95
Naphthalene
Concen: 98.055 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 350275
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 98.131 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075045.D
Acq: 22 Dec 2022 12:48

Tgt Ion:180 Resp: 144140
Ion Ratio Lower Upper
180 100
182 95.4 46.3 138.9
145 34.4 15.3 45.9

