

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\Not Reviewed Data\
 Data File : VD075046.D
 Acq On : 22 Dec 2022 13:16
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 23 06:07:05 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	144395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	205715	145.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	291.500%#
35) Dibromofluoromethane	7.804	113	222819	145.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	291.020%#
50) Toluene-d8	10.269	98	861427	139.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	278.460%#
62) 4-Bromofluorobenzene	12.575	95	274920	137.160	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	274.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	101020	151.873	ug/l	100
3) Chloromethane	2.146	50	167592	152.749	ug/l	97
4) Vinyl Chloride	2.275	62	171448	143.174	ug/l	99
5) Bromomethane	2.663	94	72729	150.323	ug/l	100
6) Chloroethane	2.816	64	105643	139.342	ug/l	99
7) Trichlorofluoromethane	3.163	101	265431	144.430	ug/l	97
8) Diethyl Ether	3.587	74	103405	146.737	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.963	101	188689	145.728	ug/l	98
10) Methyl Iodide	4.157	142	189512	170.506	ug/l	99
11) Tert butyl alcohol	5.057	59	78443	768.888	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	176592	141.151	ug/l	89
13) Acrolein	3.793	56	111781	657.841	ug/l	100
14) Allyl chloride	4.557	41	305943	140.534	ug/l #	91
15) Acrylonitrile	5.252	53	260349	729.615	ug/l	99
16) Acetone	4.016	43	280175	764.308	ug/l	95
17) Carbon Disulfide	4.263	76	337791	152.213	ug/l	99
18) Methyl Acetate	4.563	43	123858	154.692	ug/l #	89
19) Methyl tert-butyl Ether	5.322	73	482605	145.230	ug/l	96
20) Methylene Chloride	4.799	84	224054	151.804	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	189635	136.581	ug/l	88
22) Diisopropyl ether	6.216	45	673441	143.608	ug/l #	93
23) Vinyl Acetate	6.152	43	1743795	801.913	ug/l #	91
24) 1,1-Dichloroethane	6.104	63	395620	144.442	ug/l	96
25) 2-Butanone	7.081	43	355135	725.977	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	351397	143.618	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	251683	143.701	ug/l	89
28) Bromochloromethane	7.428	49	136044	143.486	ug/l #	78
29) Tetrahydrofuran	7.446	42	196704	697.480	ug/l #	84
30) Chloroform	7.598	83	390879	146.153	ug/l	99
31) Cyclohexane	7.875	56	288207	151.700	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	338485	146.261	ug/l	96
36) 1,1-Dichloropropene	8.010	75	274118	138.590	ug/l	98
37) Ethyl Acetate	7.169	43	138684	138.806	ug/l	94
38) Carbon Tetrachloride	7.993	117	259303	151.615	ug/l	100
39) Methylcyclohexane	9.275	83	321128	133.688	ug/l	93
40) Benzene	8.251	78	826080	137.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	83987	135.105	ug/l	92
42) 1,2-Dichloroethane	8.328	62	220315	143.403	ug/l	97
43) Isopropyl Acetate	8.363	43	282757	140.677	ug/l #	90
44) Trichloroethene	9.028	130	227004	136.868	ug/l	98
45) 1,2-Dichloropropane	9.304	63	230358	142.822	ug/l	96
46) Dibromomethane	9.393	93	111398	138.872	ug/l	97
47) Bromodichloromethane	9.587	83	301067	144.119	ug/l	97
48) Methyl methacrylate	9.381	41	126290	138.326	ug/l	85
49) 1,4-Dioxane	9.381	88	30409	3008.101	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	709757	714.819	ug/l	91
52) Toluene	10.334	92	518958	135.337	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	297516	146.380	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	353644	144.388	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	164939	140.420	ug/l	97
56) Ethyl methacrylate	10.598	69	216742	140.178	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	280456	142.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	466157	734.501	ug/l	94
59) 2-Hexanone	10.922	43	525938	728.403	ug/l	90
60) Dibromochloromethane	11.075	129	194415	144.472	ug/l	100
61) 1,2-Dibromoethane	11.181	107	148429	140.949	ug/l	98
64) Tetrachloroethene	10.810	164	173588	133.865	ug/l	98
65) Chlorobenzene	11.610	112	562639	139.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	201836	144.053	ug/l	98
67) Ethyl Benzene	11.687	91	1023361	138.195	ug/l	100
68) m/p-Xylenes	11.792	106	764327	272.229	ug/l	97
69) o-Xylene	12.122	106	370336	137.121	ug/l	95
70) Styrene	12.139	104	625298	137.711	ug/l	96
71) Bromoform	12.298	173	109293	143.768	ug/l #	99
73) Isopropylbenzene	12.422	105	996037	143.490	ug/l	99
74) N-amyl acetate	12.234	43	258854	146.916	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.675	83	181633	146.740	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	229958	247.709	ug/l #	100
77) Bromobenzene	12.704	156	210323	141.944	ug/l	91
78) n-propylbenzene	12.769	91	1219297	143.407	ug/l	99
79) 2-Chlorotoluene	12.851	91	669406	144.113	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	802863	143.421	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	61291	153.016	ug/l	91
82) 4-Chlorotoluene	12.951	91	679477	143.369	ug/l	96
83) tert-Butylbenzene	13.169	119	707807	142.827	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	784566	144.092	ug/l	98
85) sec-Butylbenzene	13.345	105	1091407	143.445	ug/l	99
86) p-Isopropyltoluene	13.463	119	869052	143.178	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	405255	139.982	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	408291	141.186	ug/l	97
89) n-Butylbenzene	13.786	91	868031	143.185	ug/l	99
90) Hexachloroethane	14.057	117	163066	151.184	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	364739	142.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	28957	152.242	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	246388	146.587	ug/l	97
94) Hexachlorobutadiene	15.210	225	123327	146.772	ug/l	99
95) Naphthalene	15.333	128	518764	147.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	216422	150.028	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

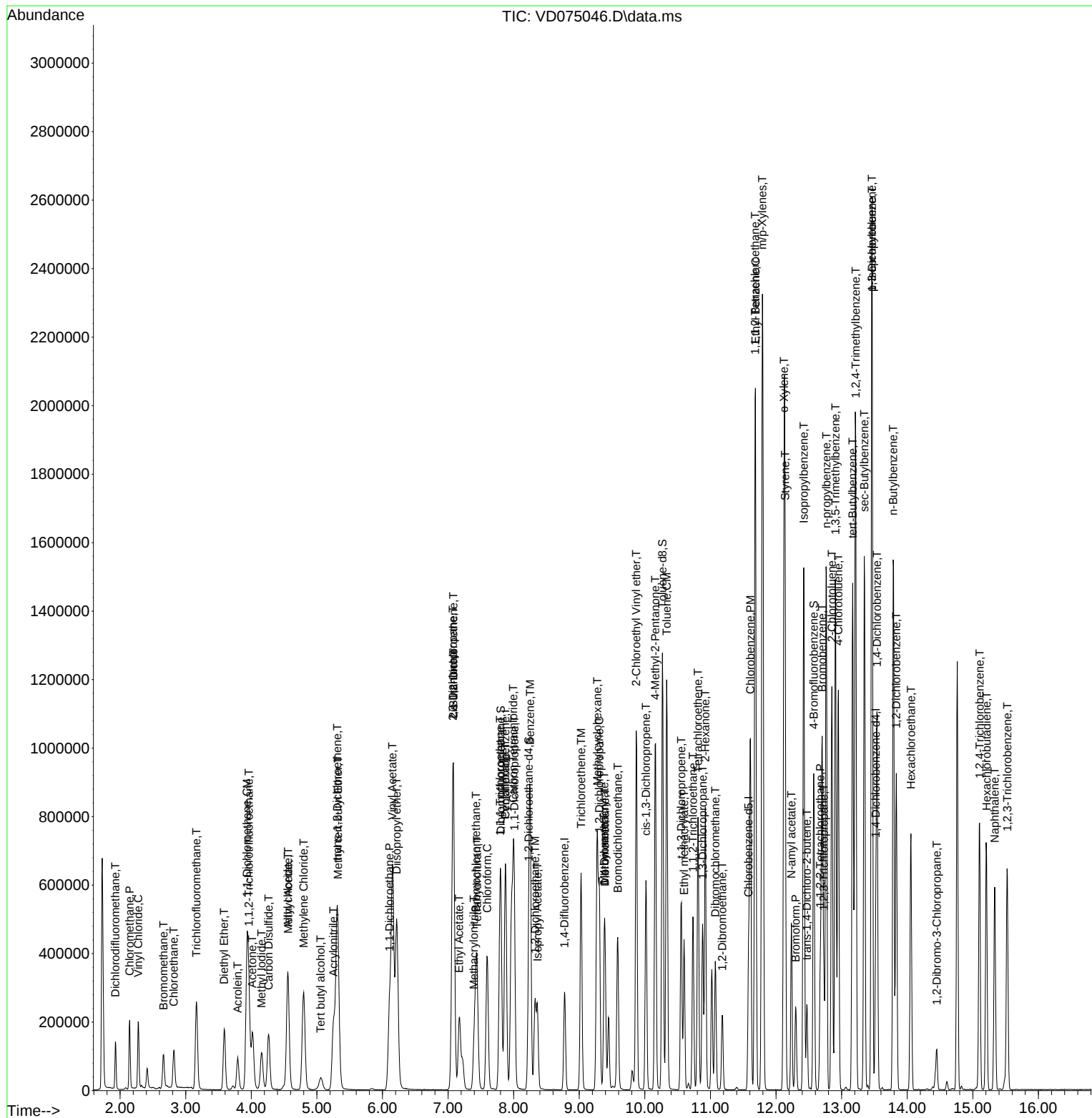
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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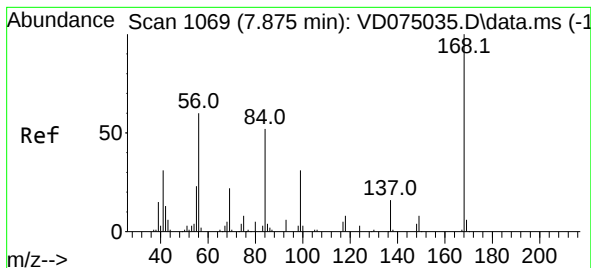
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075046.D

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Instrument :

MSVOA_D

ClientSampleId :

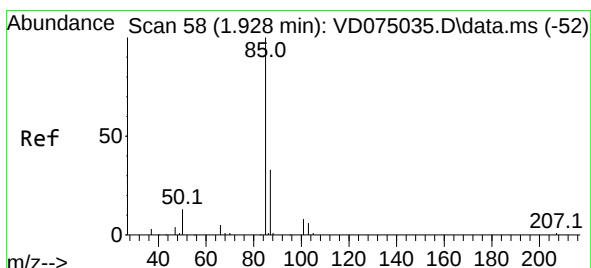
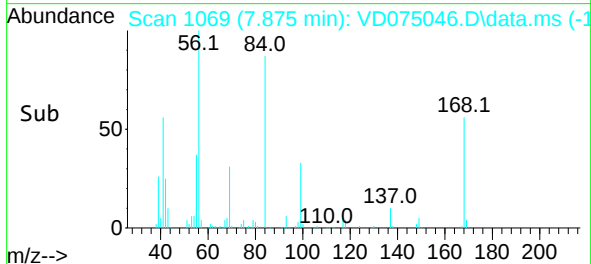
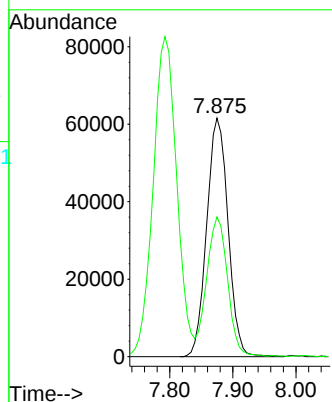
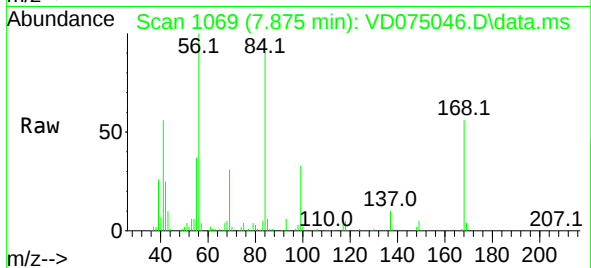
VSTDIC150

Tgt Ion:168 Resp: 144395

Ion Ratio Lower Upper

168 100

99 58.2 40.3 60.5



#2

Dichlorodifluoromethane

Concen: 151.873 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD075046.D

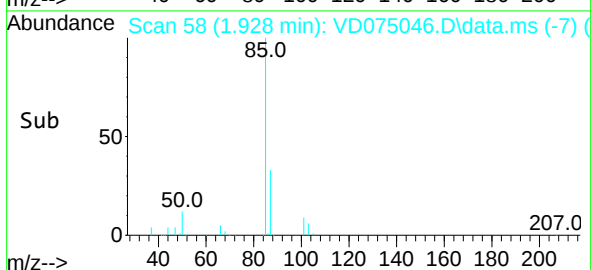
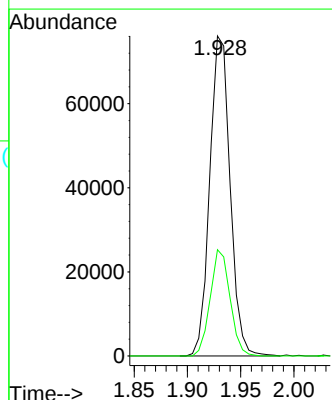
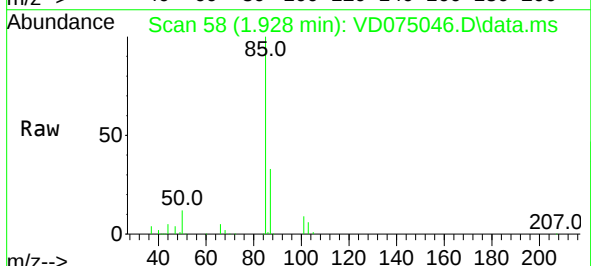
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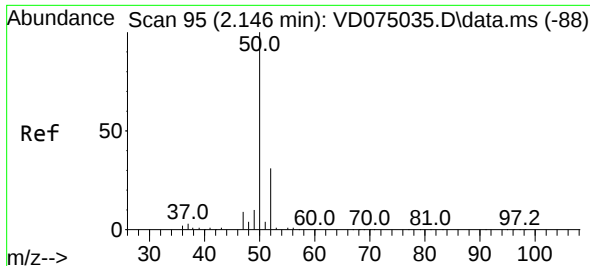
Tgt Ion: 85 Resp: 101020

Ion Ratio Lower Upper

85 100

87 33.2 16.5 49.5

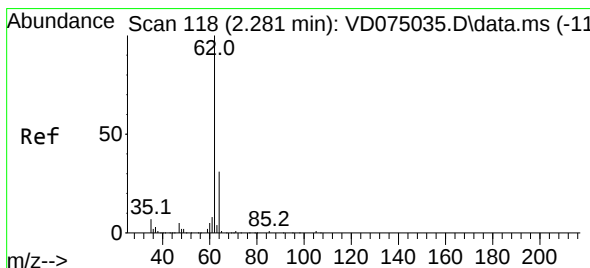
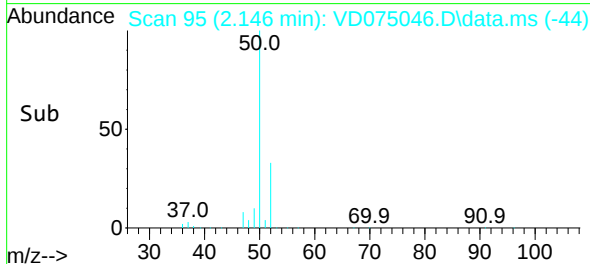
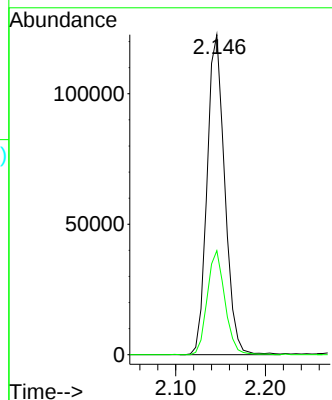
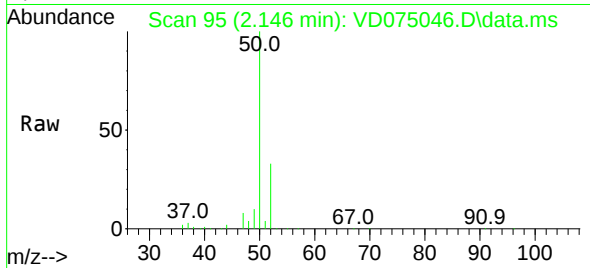




#3
Chloromethane
Concen: 152.749 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075046.D
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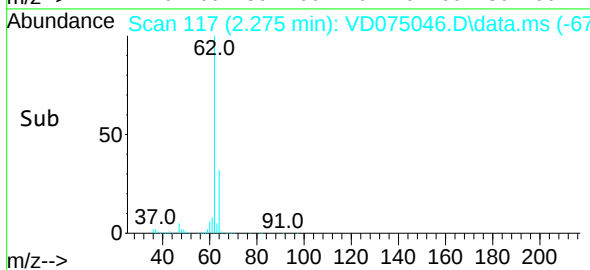
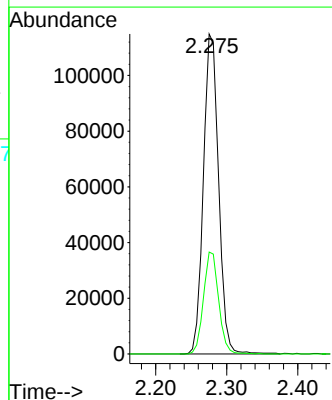
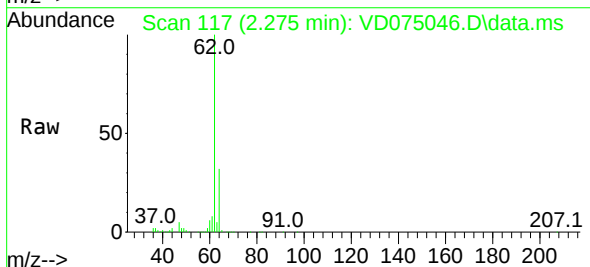
Instrument :
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ClientSampleId :
VSTDIC150

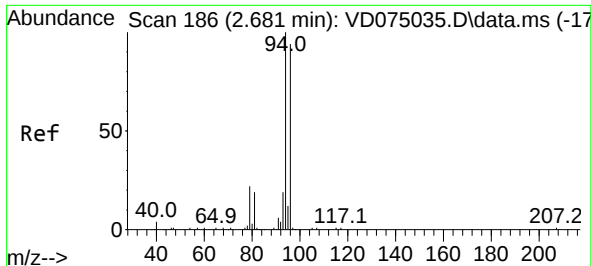
Tgt Ion: 50 Resp: 167592
Ion Ratio Lower Upper
50 100
52 32.5 27.2 40.8



#4
Vinyl Chloride
Concen: 143.174 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 62 Resp: 171448
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

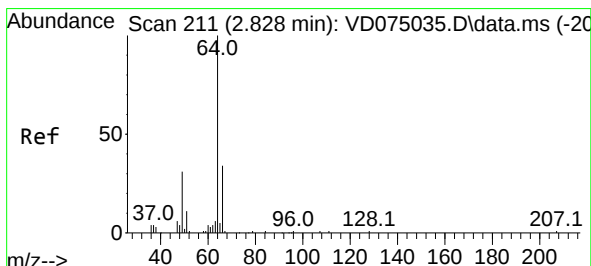
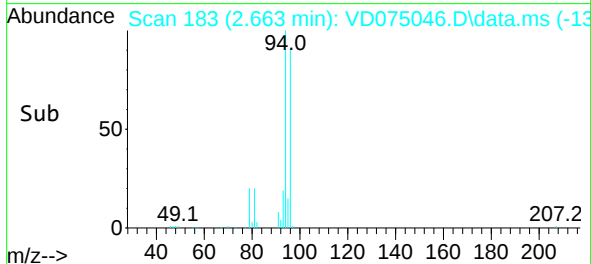
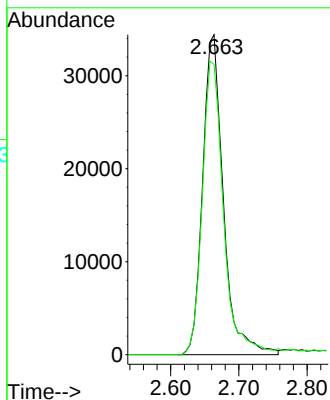
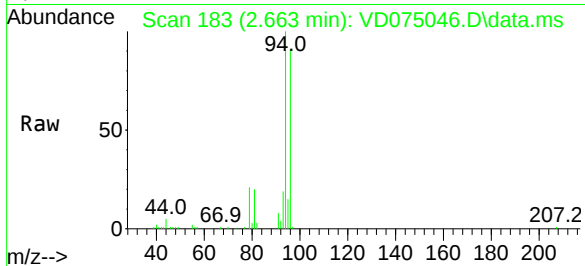




#5
Bromomethane
Concen: 150.323 ug/l
RT: 2.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075046.D
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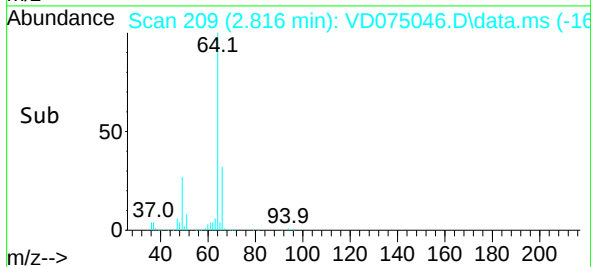
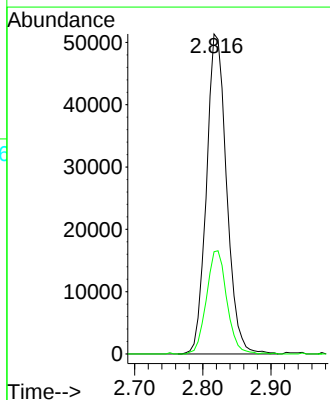
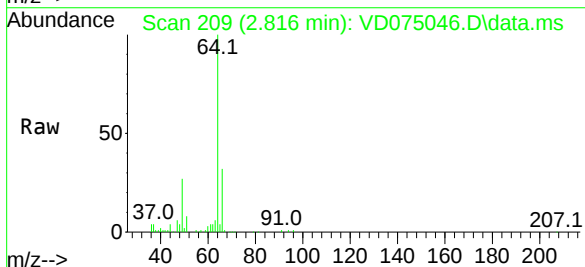
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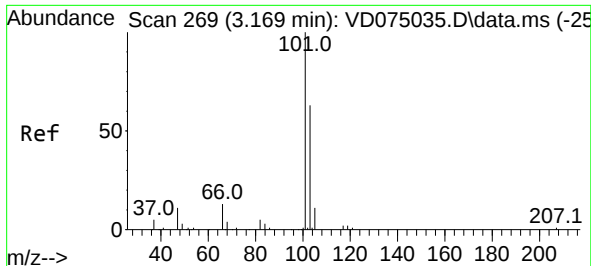
Tgt Ion: 94 Resp: 72729
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 139.342 ug/l
RT: 2.816 min Scan# 209
Delta R.T. -0.012 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 64 Resp: 105643
Ion Ratio Lower Upper
64 100
66 31.9 25.1 37.7

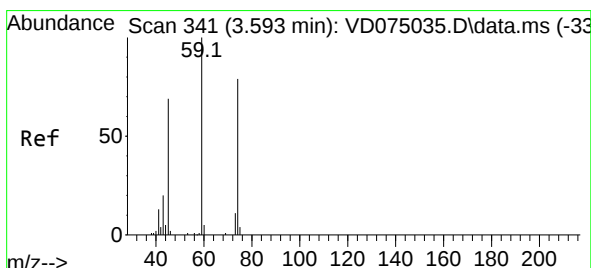
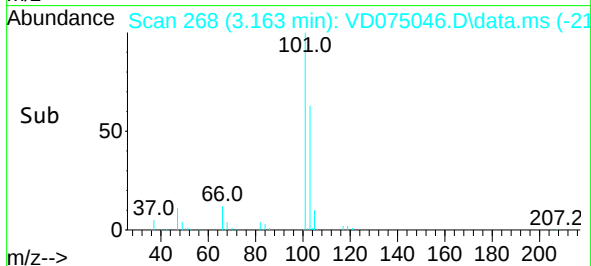
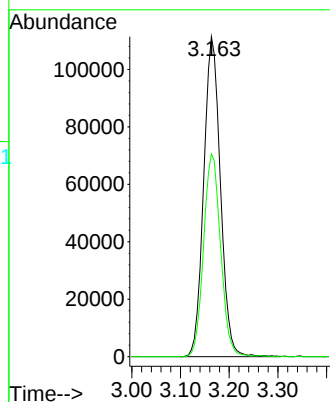
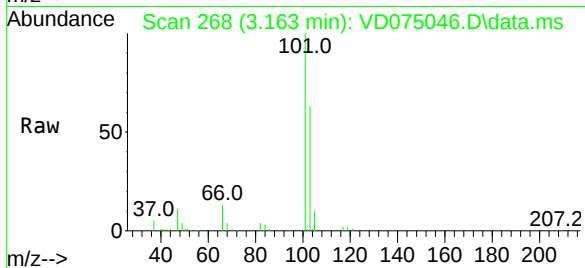




#7
Trichlorofluoromethane
Concen: 144.430 ug/l
RT: 3.163 min Scan# 207
Delta R.T. -0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

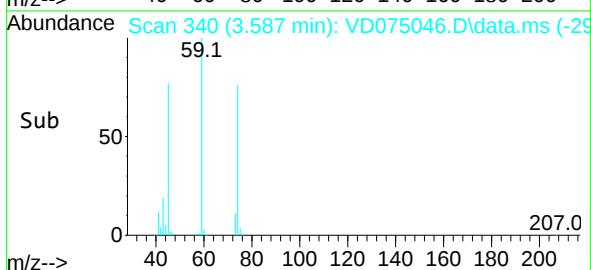
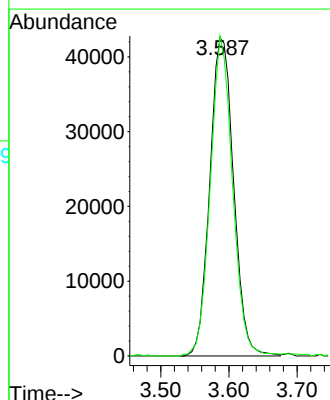
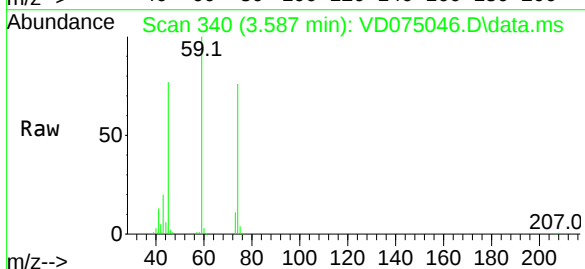
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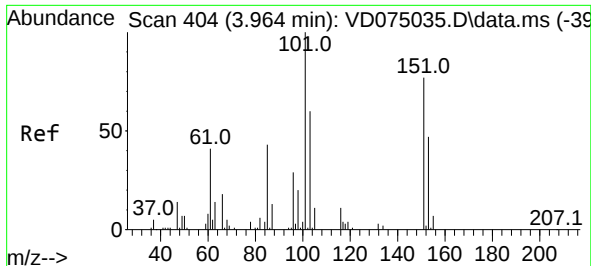
Tgt Ion:101 Resp: 265431
Ion Ratio Lower Upper
101 100
103 63.4 49.1 73.7



#8
Diethyl Ether
Concen: 146.737 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
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Acq: 22 Dec 2022 13:16

Tgt Ion: 74 Resp: 103405
Ion Ratio Lower Upper
74 100
45 93.9 40.2 120.5

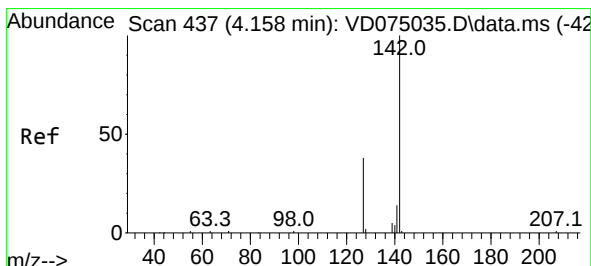
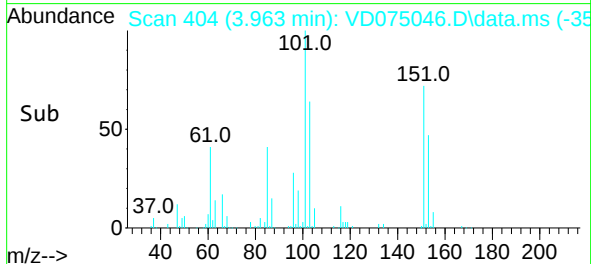
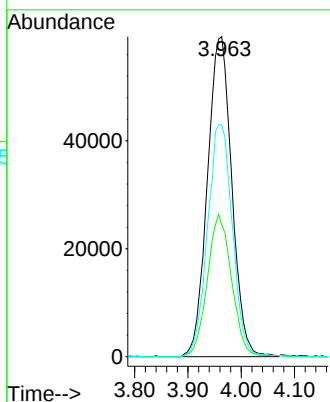
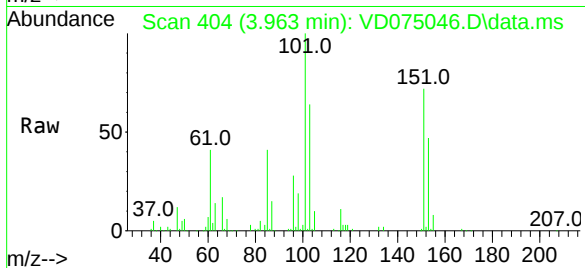




#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.728 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

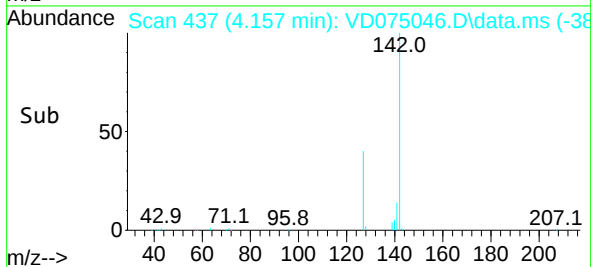
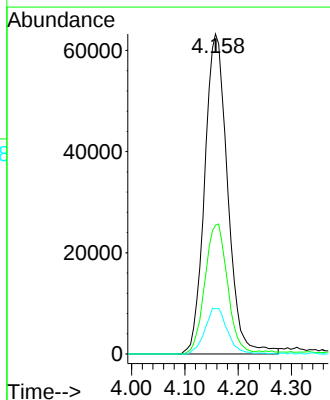
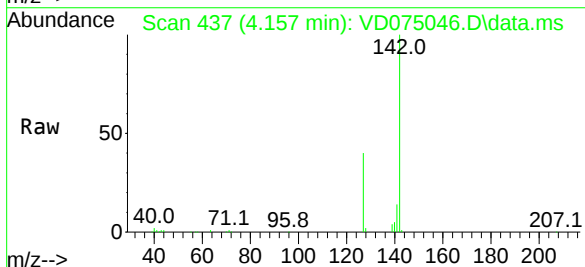
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

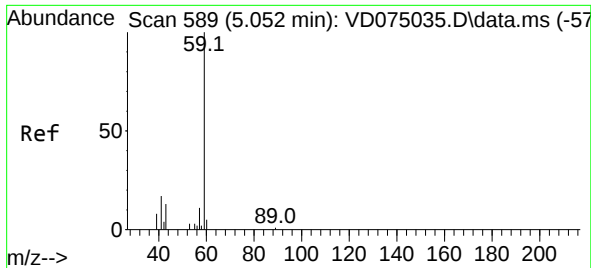
Tgt Ion:101 Resp: 188689
Ion Ratio Lower Upper
101 100
85 43.9 33.4 50.0
151 74.1 58.9 88.3



#10
Methyl Iodide
Concen: 170.506 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion:142 Resp: 189512
Ion Ratio Lower Upper
142 100
127 40.1 31.4 47.2
141 13.9 11.4 17.2

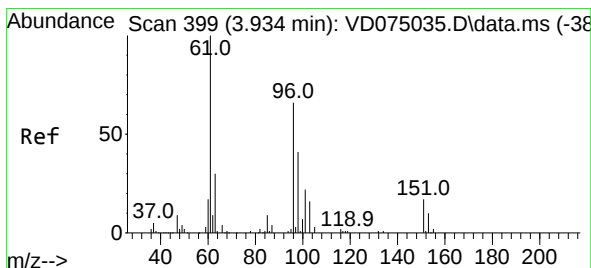
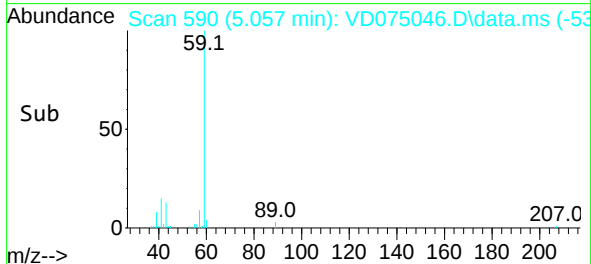
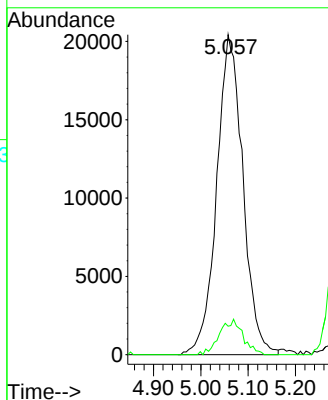
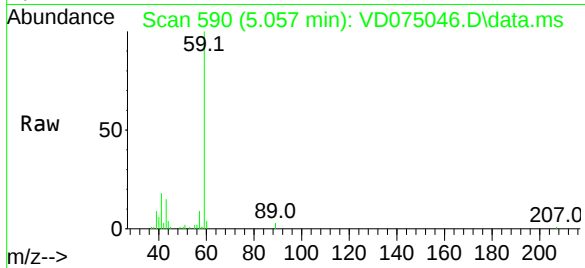




#11
Tert butyl alcohol
Concen: 768.888 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.005 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

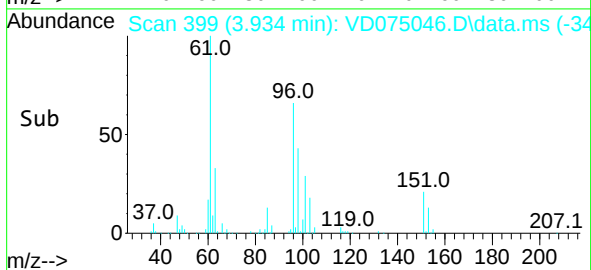
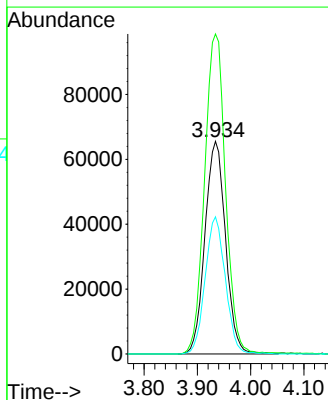
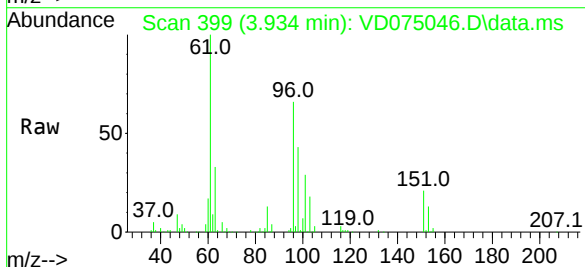
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

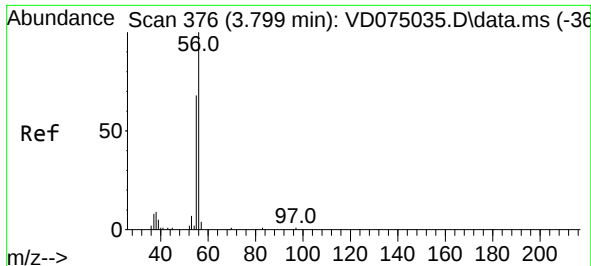
Tgt Ion: 59 Resp: 78443
Ion Ratio Lower Upper
59 100
57 9.9 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 141.151 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 96 Resp: 176592
Ion Ratio Lower Upper
96 100
61 150.5 104.9 157.3
98 64.5 51.8 77.8

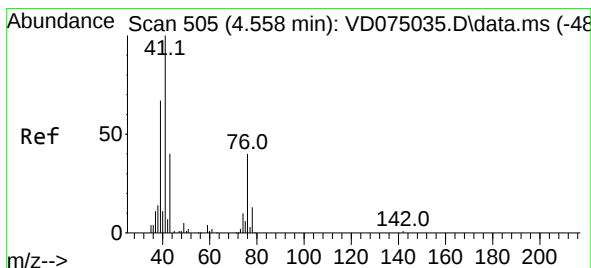
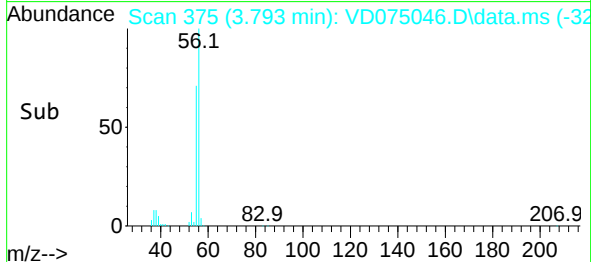
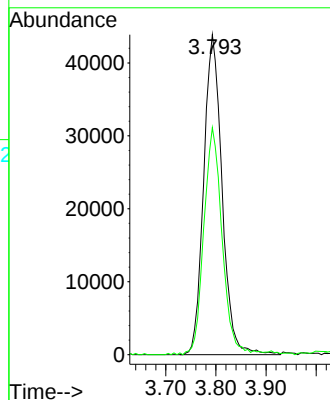
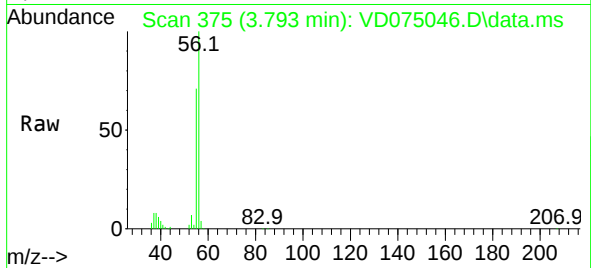




#13
Acrolein
Concen: 657.841 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

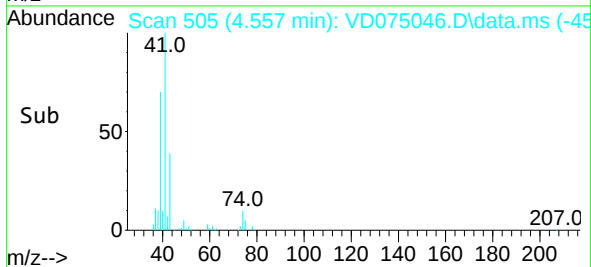
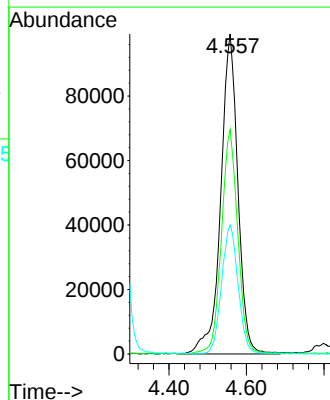
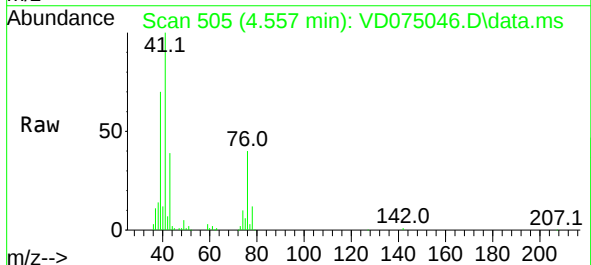
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

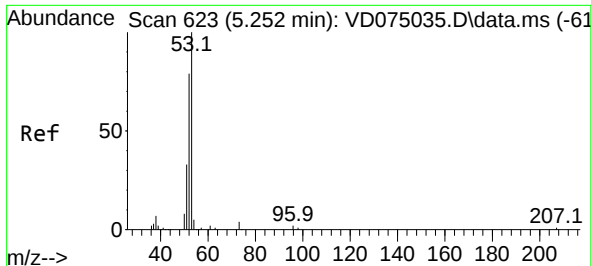
Tgt Ion: 56 Resp: 111781
Ion Ratio Lower Upper
56 100
55 70.6 56.6 84.8



#14
Allyl chloride
Concen: 140.534 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 41 Resp: 305943
Ion Ratio Lower Upper
41 100
39 66.9 52.5 78.7
76 38.7 41.1 61.7#

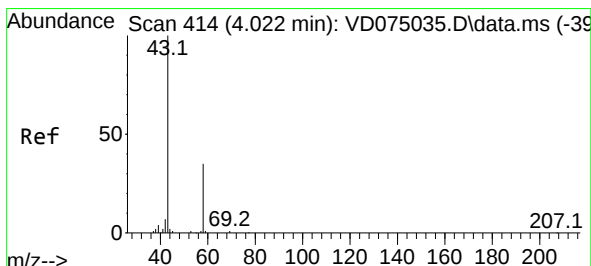
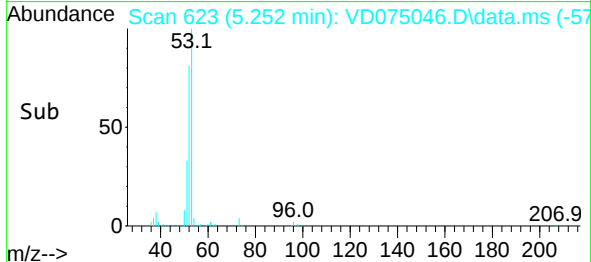
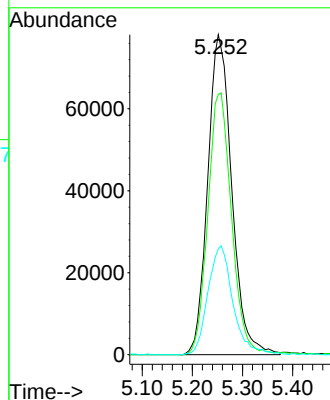
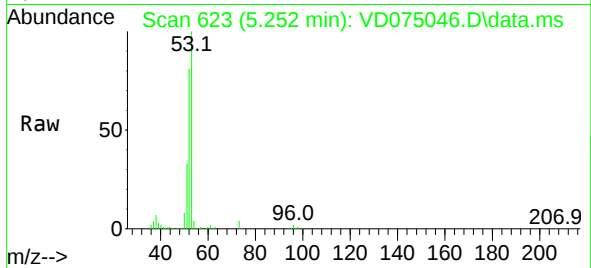




#15
Acrylonitrile
Concen: 729.615 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

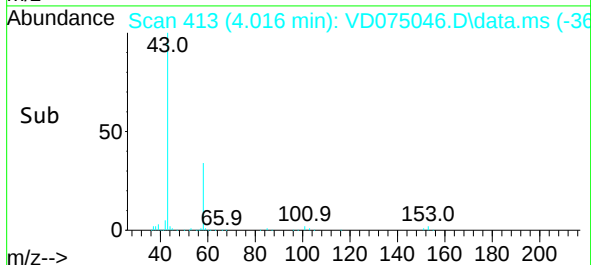
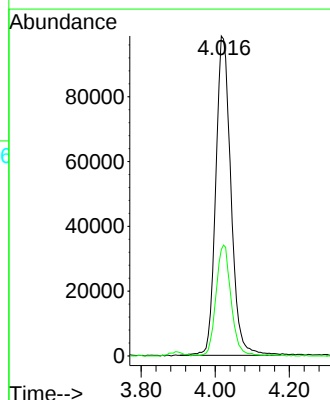
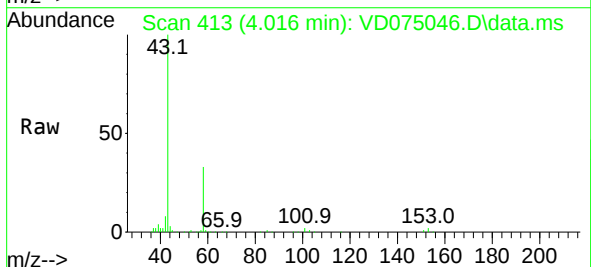
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

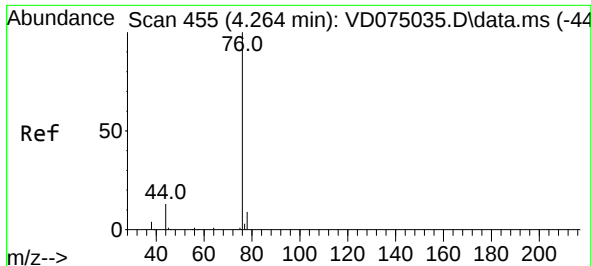
Tgt Ion: 53 Resp: 260349
Ion Ratio Lower Upper
53 100
52 80.3 64.0 96.0
51 35.3 27.8 41.8



#16
Acetone
Concen: 764.308 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 43 Resp: 280175
Ion Ratio Lower Upper
43 100
58 33.1 28.6 43.0

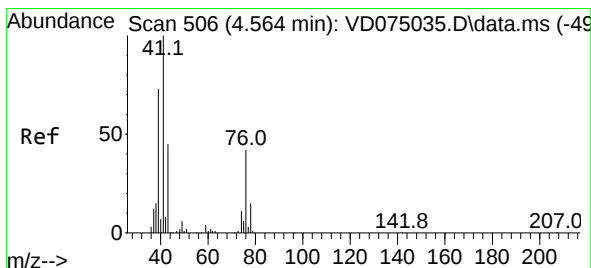
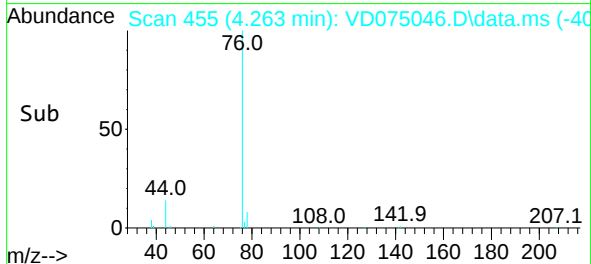
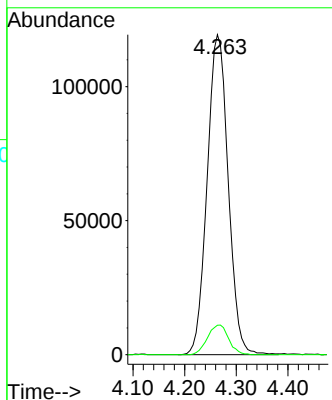
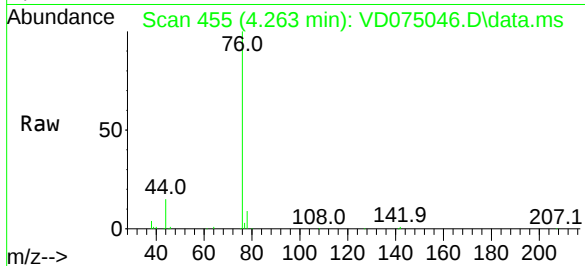




#17
Carbon Disulfide
Concen: 152.213 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

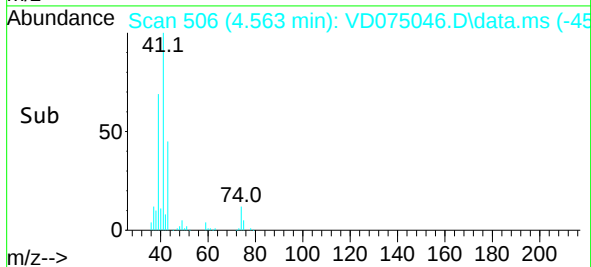
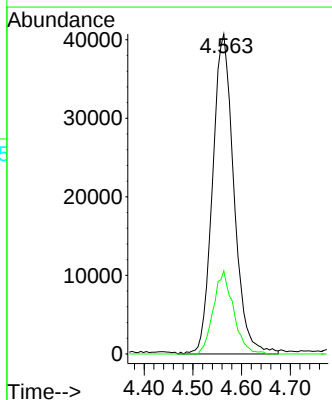
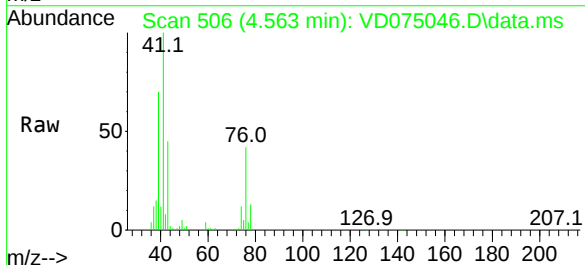
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

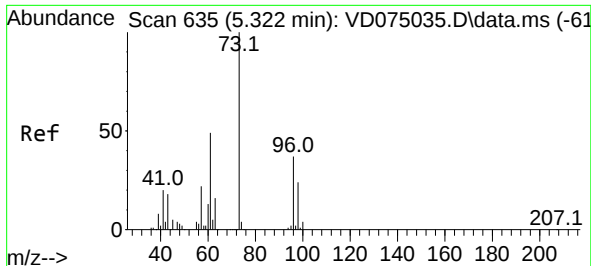
Tgt Ion: 76 Resp: 337791
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 154.692 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 43 Resp: 123858
Ion Ratio Lower Upper
43 100
74 24.4 24.5 36.7#

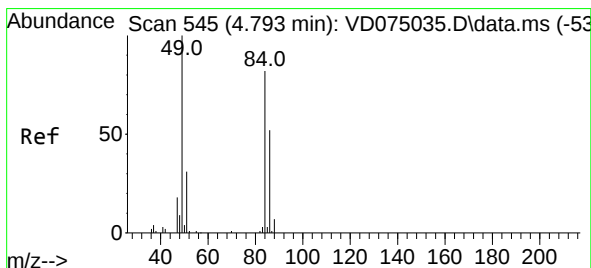
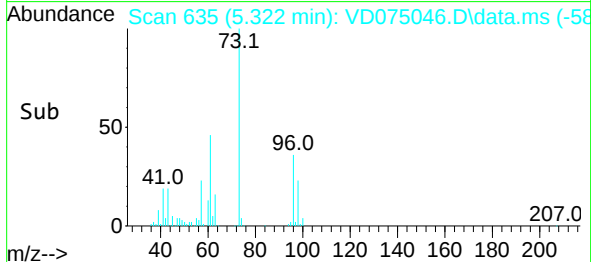
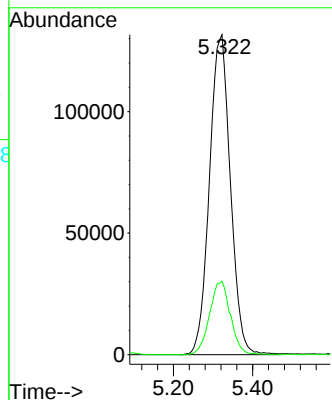
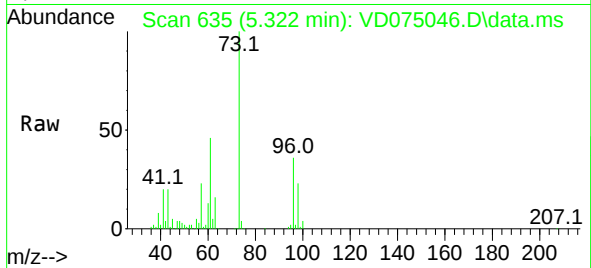




#19
Methyl tert-butyl Ether
Concen: 145.230 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

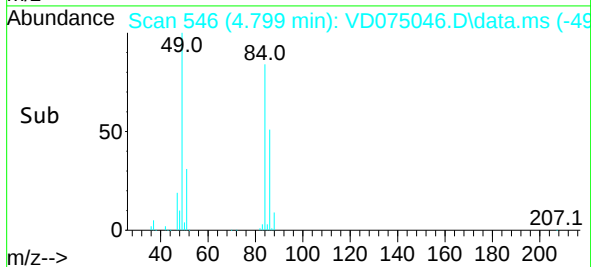
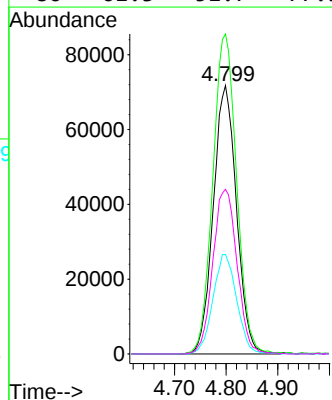
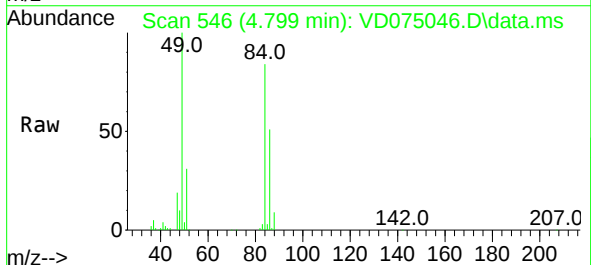
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

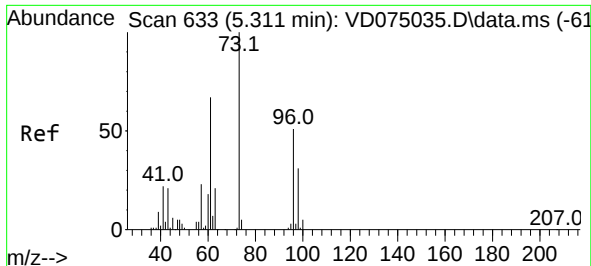
Tgt Ion: 73 Resp: 482605
Ion Ratio Lower Upper
73 100
57 23.0 16.9 25.3



#20
Methylene Chloride
Concen: 151.804 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 84 Resp: 224054
Ion Ratio Lower Upper
84 100
49 119.2 77.2 115.8#
51 37.1 24.1 36.1#
86 61.3 51.7 77.5

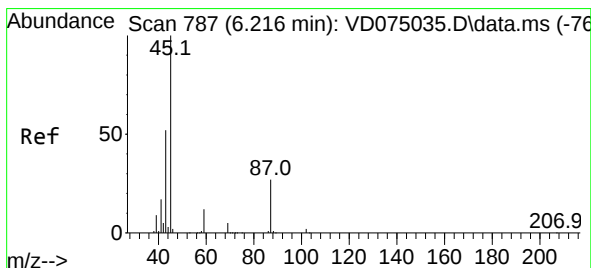
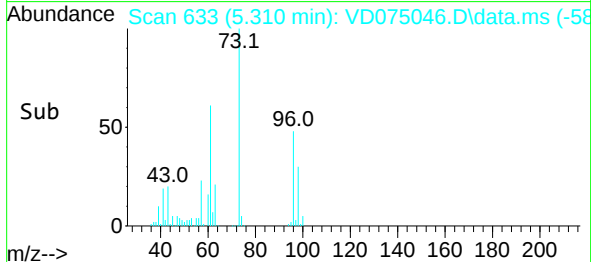
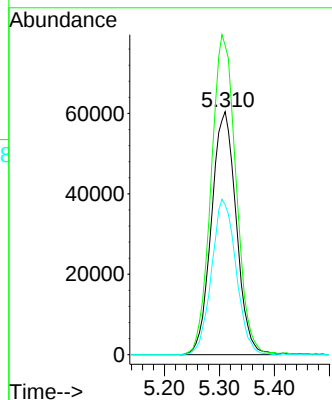
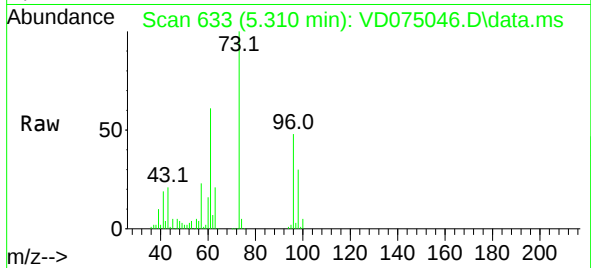




#21
trans-1,2-Dichloroethene
Concen: 136.581 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

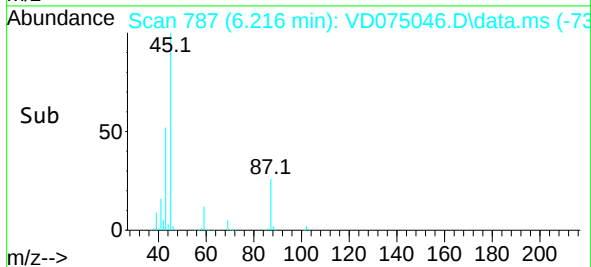
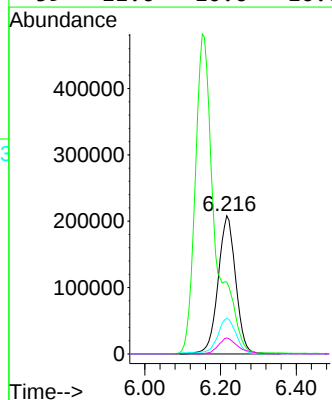
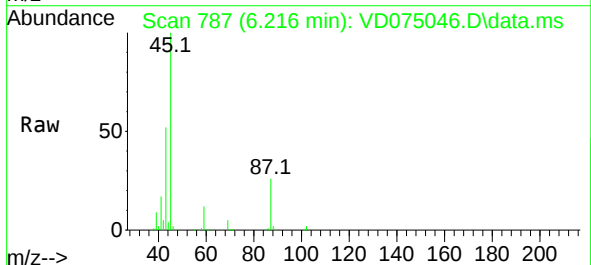
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

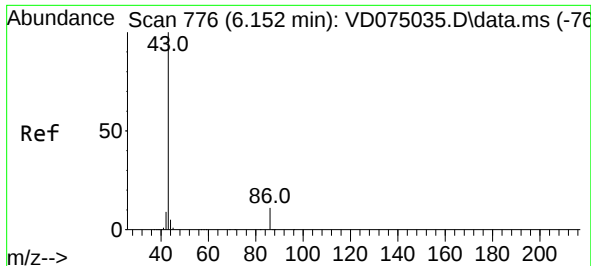
Tgt Ion: 96 Resp: 189635
Ion Ratio Lower Upper
96 100
61 127.2 86.7 130.1
98 61.6 49.8 74.8



#22
Diisopropyl ether
Concen: 143.608 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 45 Resp: 673441
Ion Ratio Lower Upper
45 100
43 51.3 39.8 59.8
87 25.7 27.5 41.3#
59 11.6 10.6 16.0

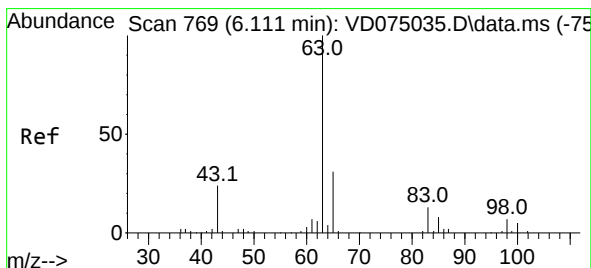
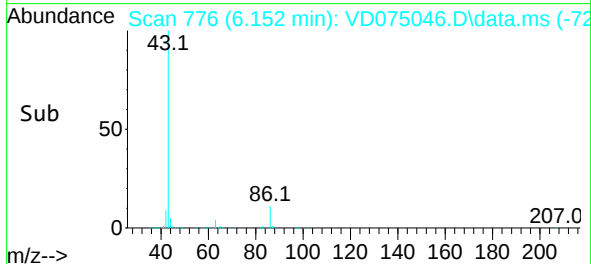
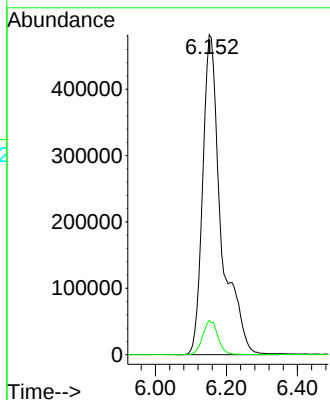
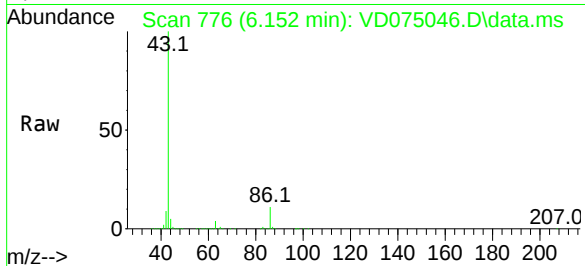




#23
 Vinyl Acetate
 Concen: 801.913 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

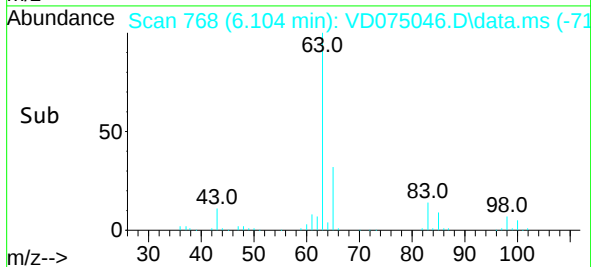
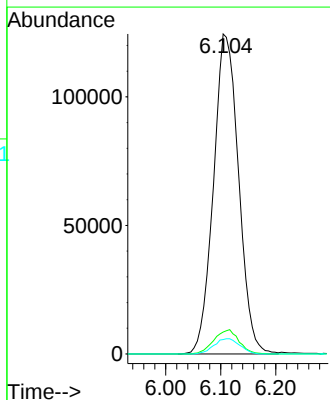
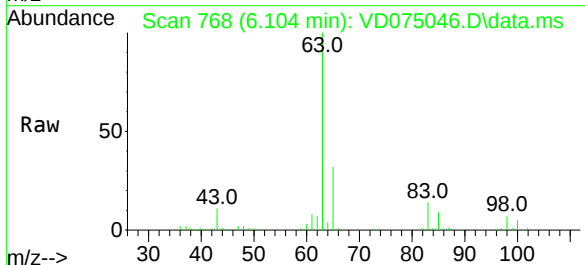
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

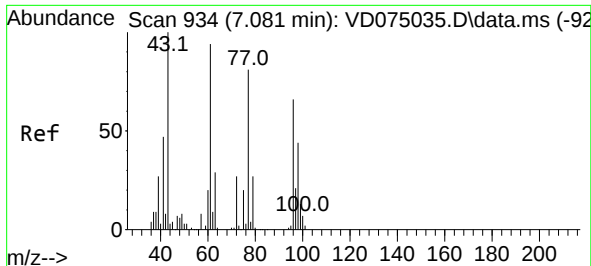
Tgt Ion: 43 Resp: 1743795
 Ion Ratio Lower Upper
 43 100
 86 10.7 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 144.442 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.007 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

Tgt Ion: 63 Resp: 395620
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.3 13.1
 100 4.5 2.5 7.4

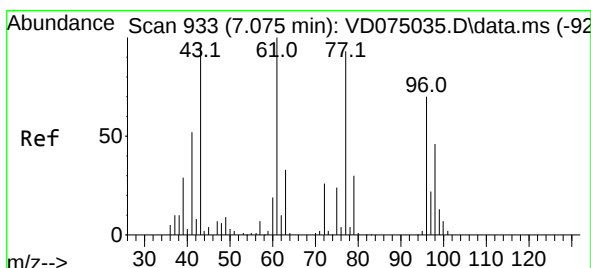
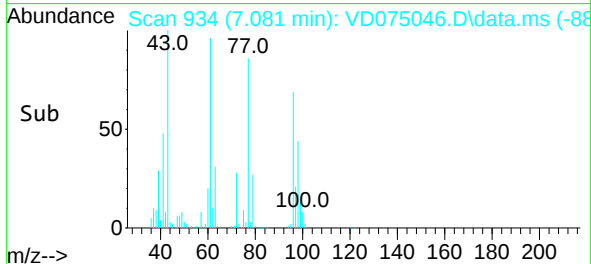
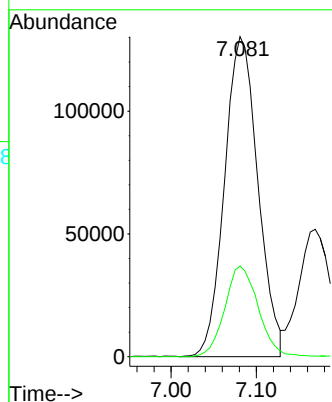
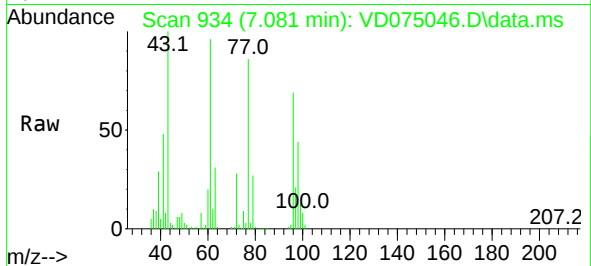




#25
2-Butanone
Concen: 725.977 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

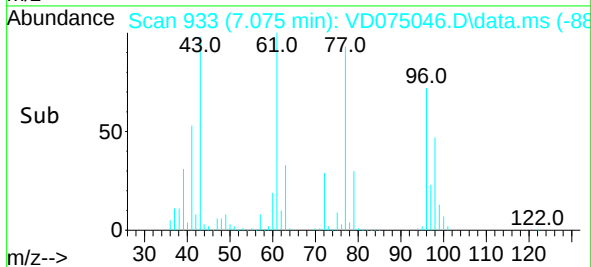
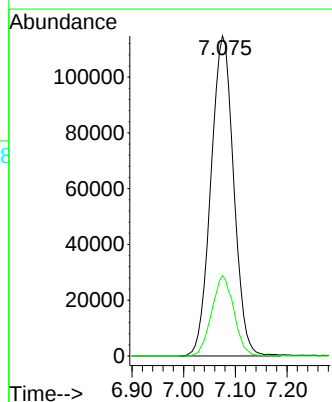
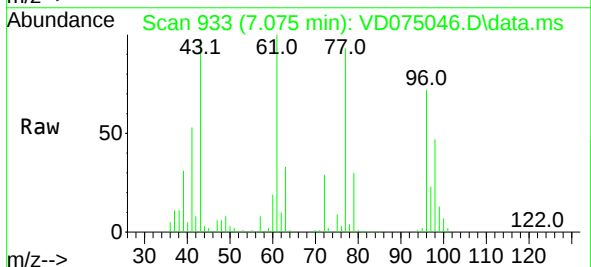
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

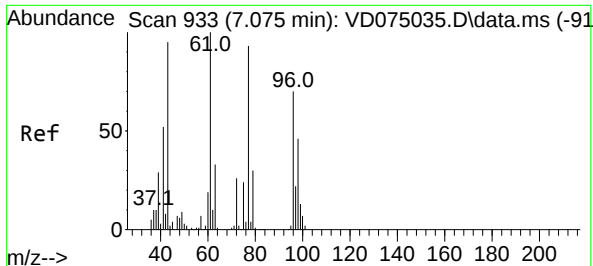
Tgt Ion: 43 Resp: 355135
Ion Ratio Lower Upper
43 100
72 28.4 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 143.618 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 77 Resp: 351397
Ion Ratio Lower Upper
77 100
97 24.3 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 143.701 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

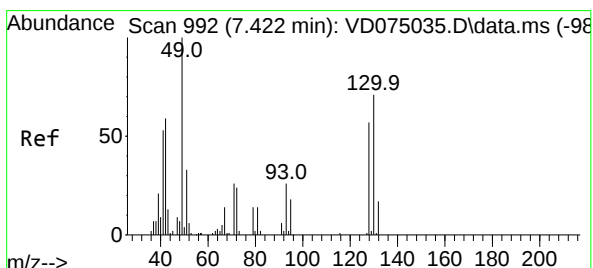
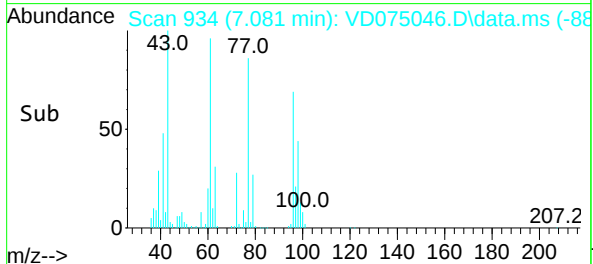
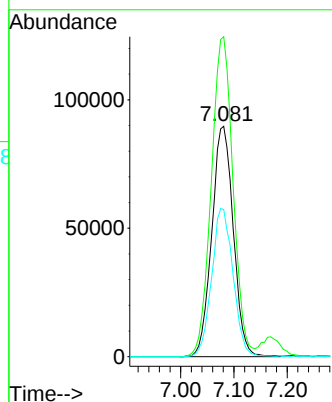
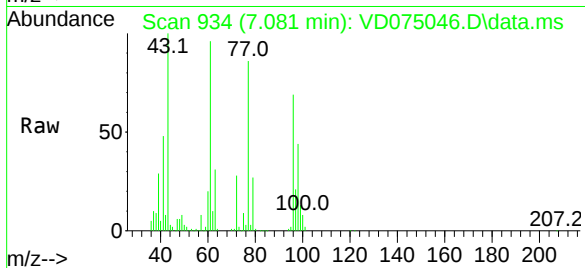
Tgt Ion: 96 Resp: 251683

Ion Ratio Lower Upper

96 100

61 140.5 0.0 244.6

98 64.2 0.0 131.0



#28

Bromochloromethane

Concen: 143.486 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

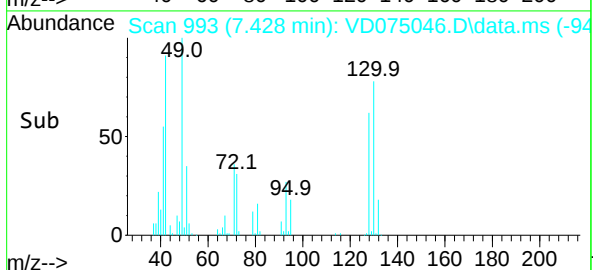
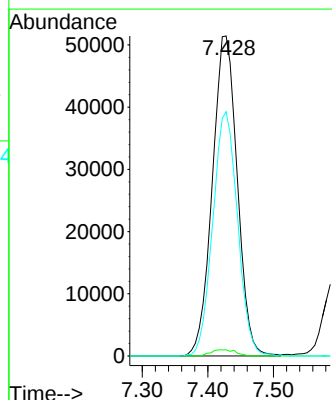
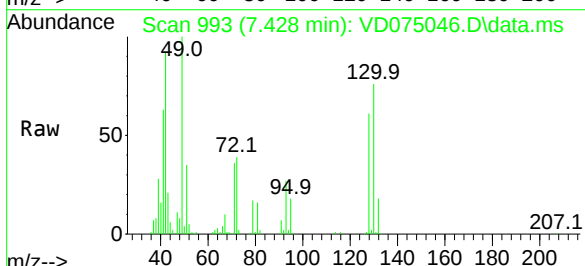
Tgt Ion: 49 Resp: 136044

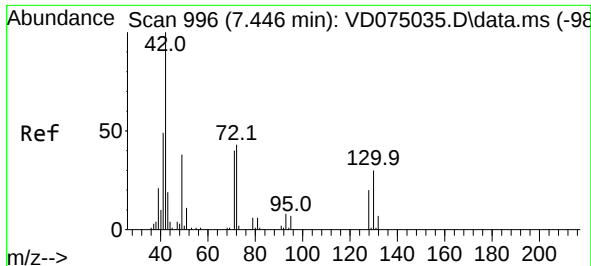
Ion Ratio Lower Upper

49 100

129 1.9 0.0 5.0

130 75.7 78.2 117.4#





#29

Tetrahydrofuran

Concen: 697.480 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

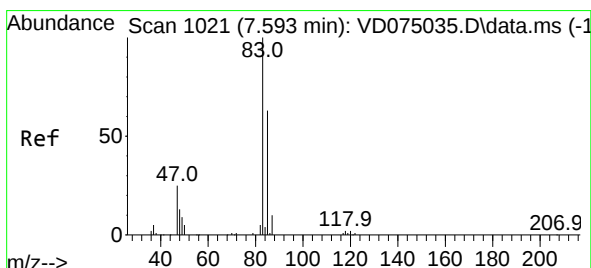
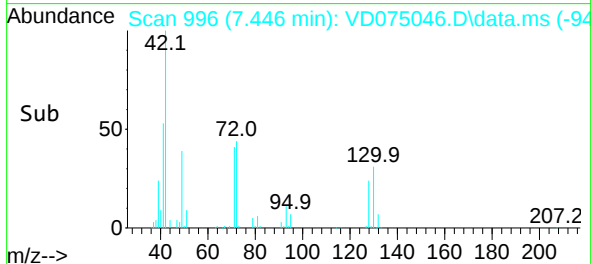
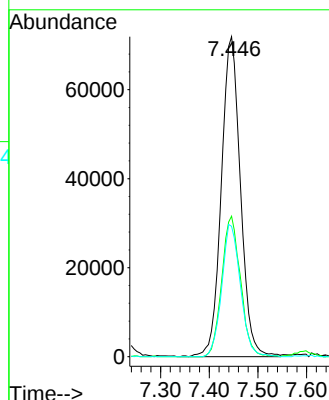
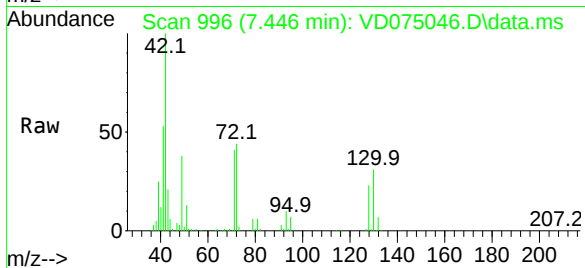
Tgt Ion: 42 Resp: 196704

Ion Ratio Lower Upper

42 100

72 42.9 43.8 65.8#

71 40.3 41.1 61.7#



#30

Chloroform

Concen: 146.153 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD075046.D

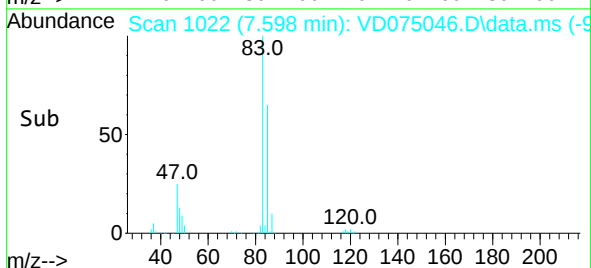
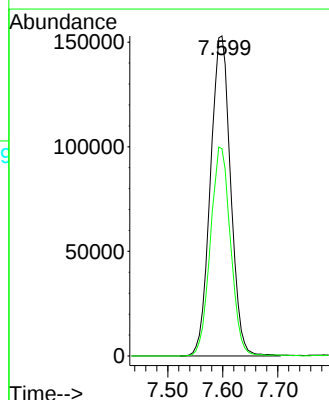
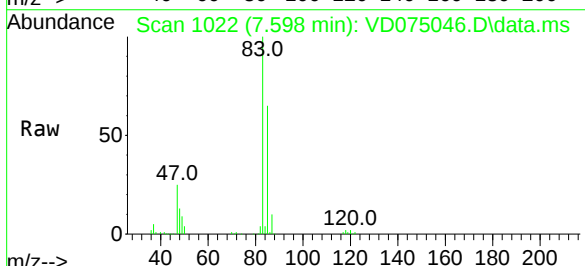
Acq: 22 Dec 2022 13:16

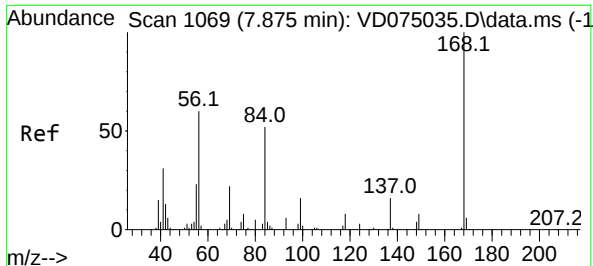
Tgt Ion: 83 Resp: 390879

Ion Ratio Lower Upper

83 100

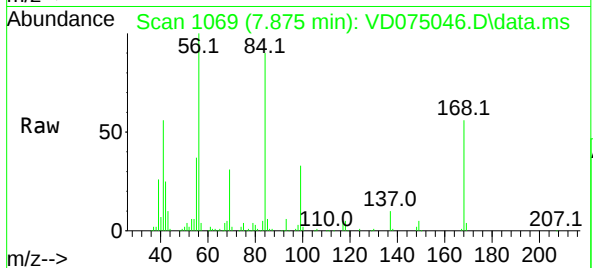
85 64.8 51.4 77.0



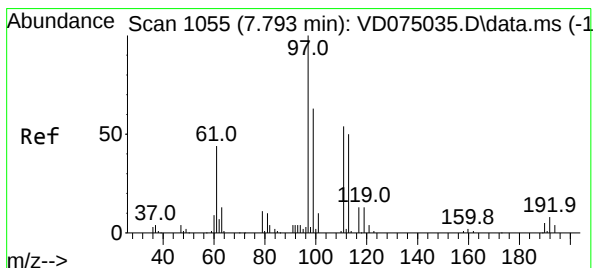
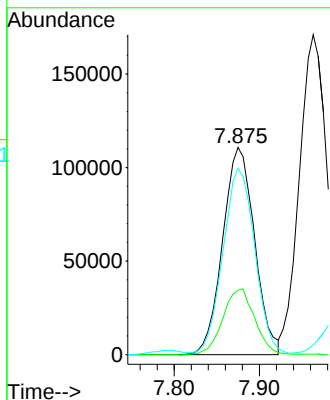
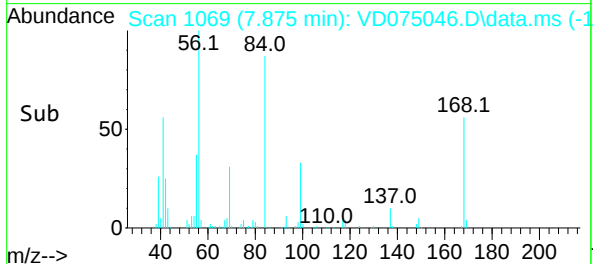


#31
Cyclohexane
Concen: 151.700 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

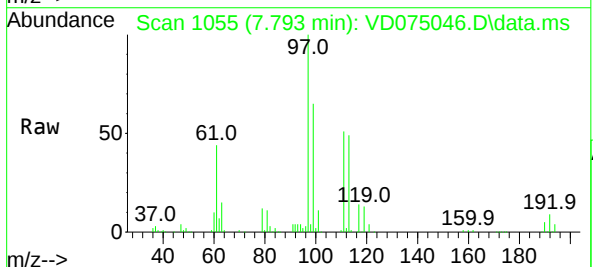
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



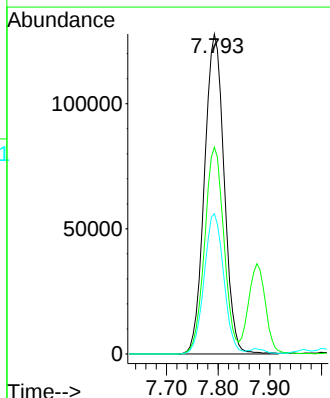
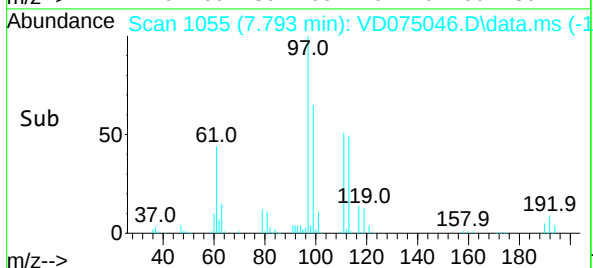
Tgt Ion: 56 Resp: 288207
Ion Ratio Lower Upper
56 100
69 31.2 29.4 44.2
84 88.2 81.8 122.8

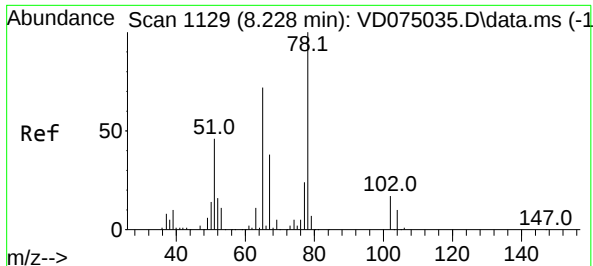


#32
1,1,1-Trichloroethane
Concen: 146.261 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16



Tgt Ion: 97 Resp: 338485
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 43.7 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 145.751 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

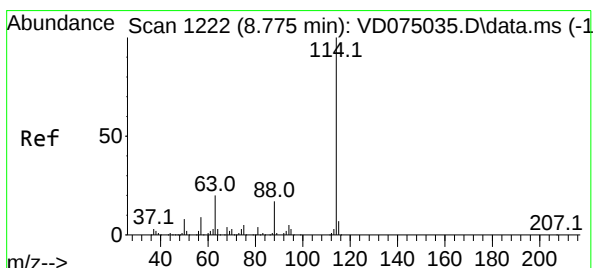
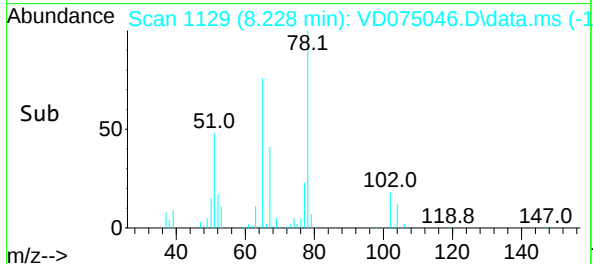
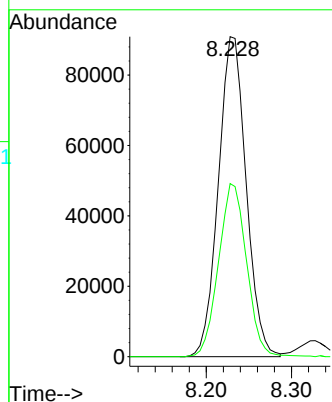
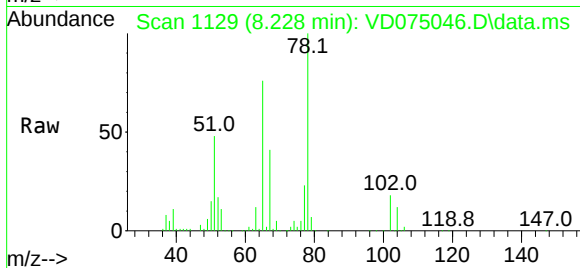
VSTDIC150

Tgt Ion: 65 Resp: 205715

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

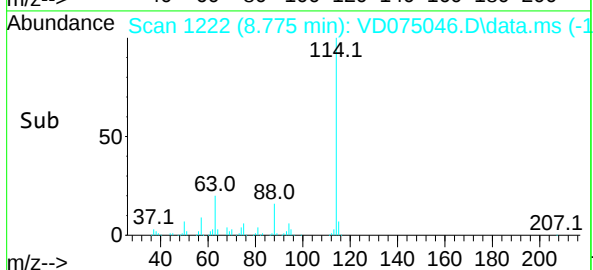
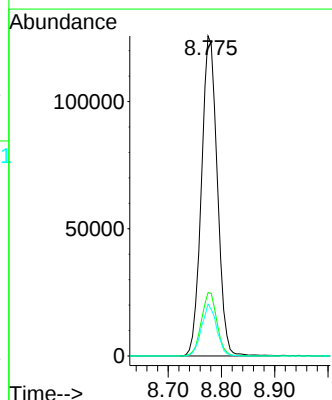
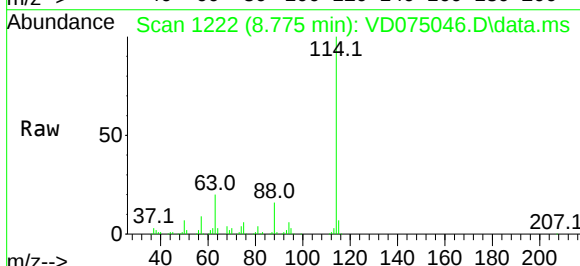
Tgt Ion: 114 Resp: 260224

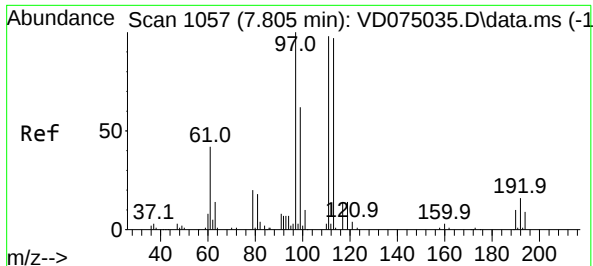
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 16.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 145.513 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

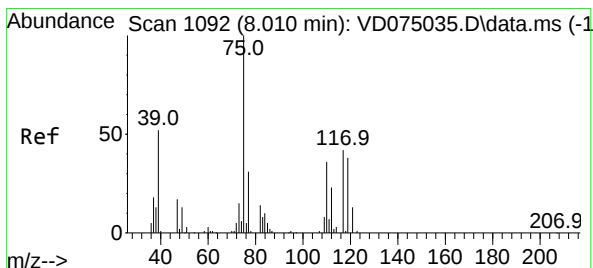
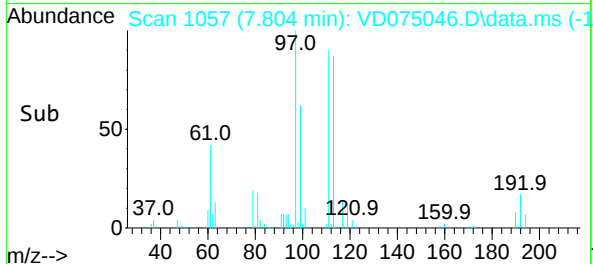
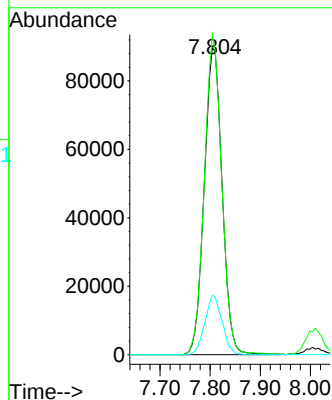
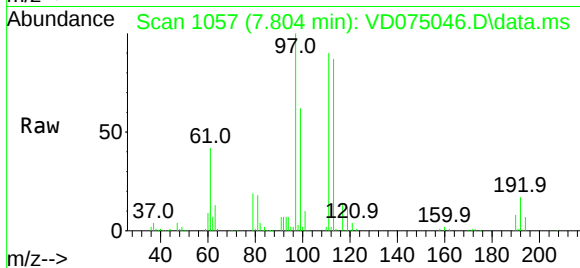
Tgt Ion:113 Resp: 222819

Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

192 18.5 15.1 22.7



#36

1,1-Dichloropropene

Concen: 138.590 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

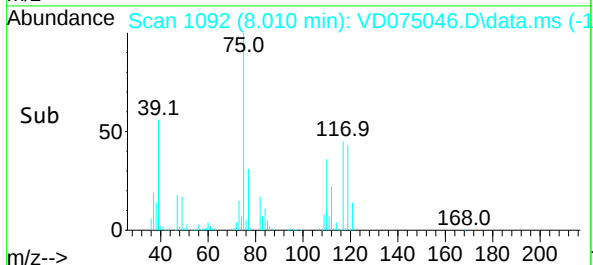
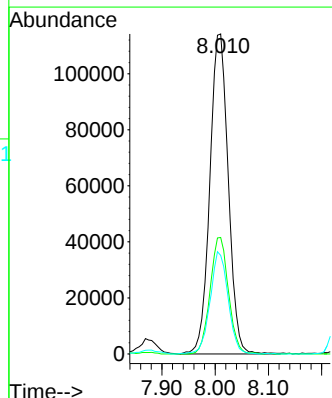
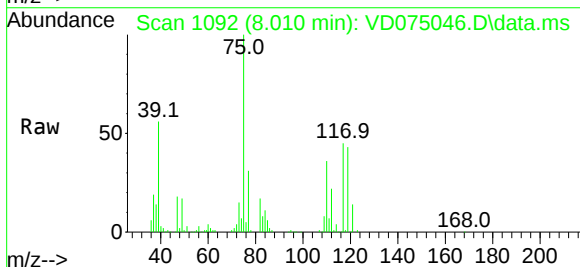
Tgt Ion: 75 Resp: 274118

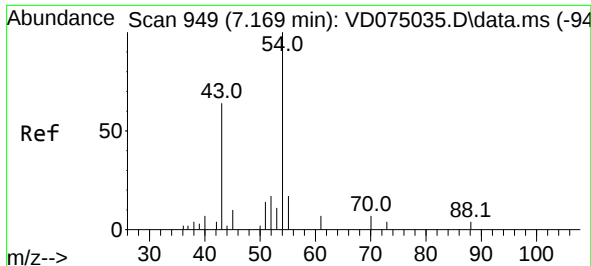
Ion Ratio Lower Upper

75 100

110 36.2 19.0 57.0

77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 138.806 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

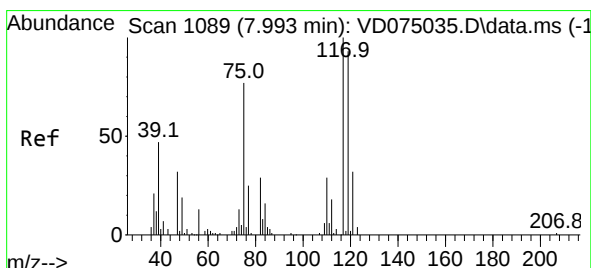
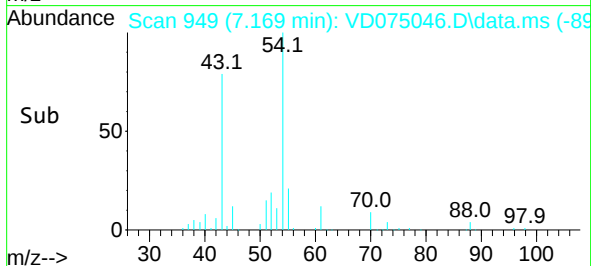
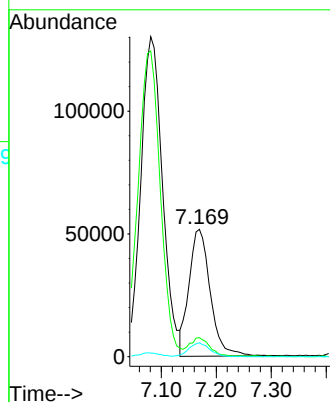
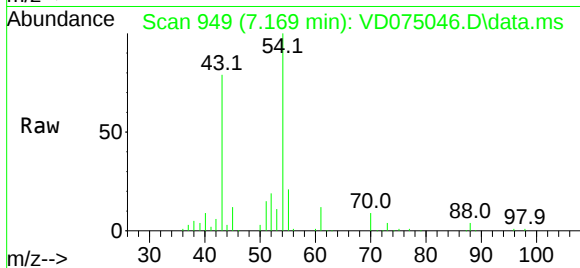
Tgt Ion: 43 Resp: 138684

Ion Ratio Lower Upper

43 100

61 13.5 12.8 19.2

70 10.8 10.2 15.4



#38

Carbon Tetrachloride

Concen: 151.615 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

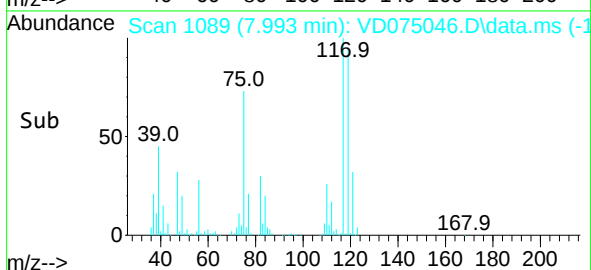
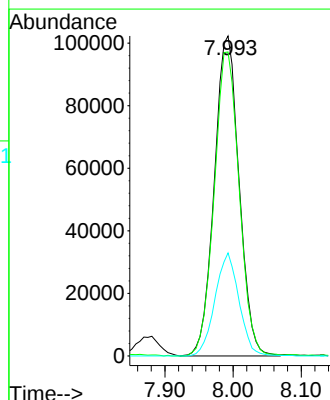
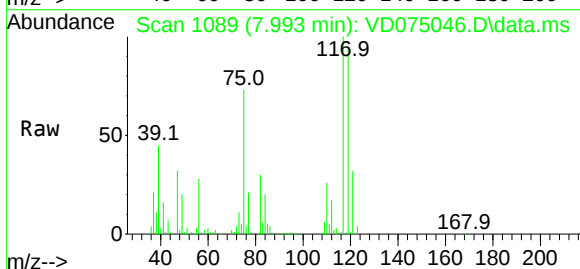
Tgt Ion: 117 Resp: 259303

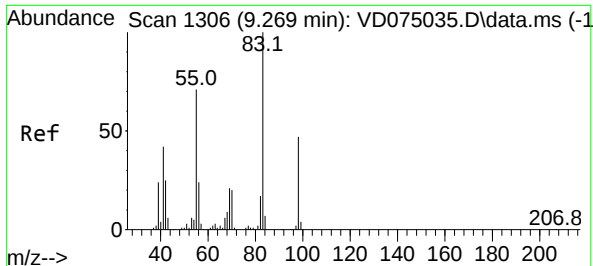
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 32.2 25.4 38.0





#39

Methylcyclohexane

Concen: 133.688 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

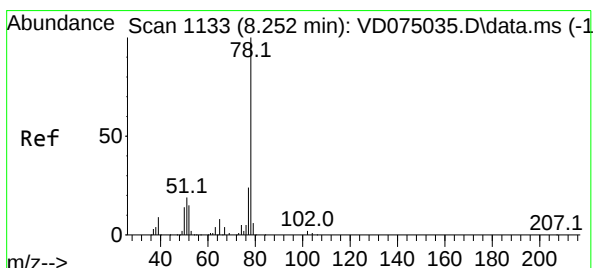
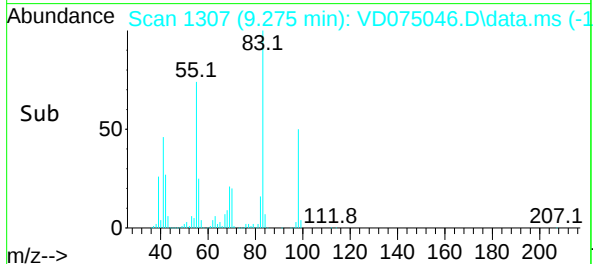
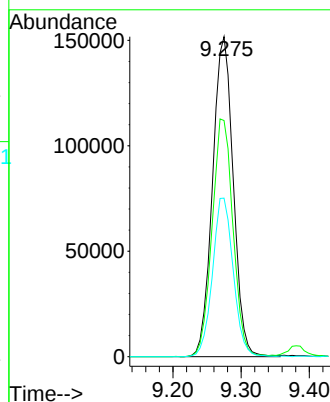
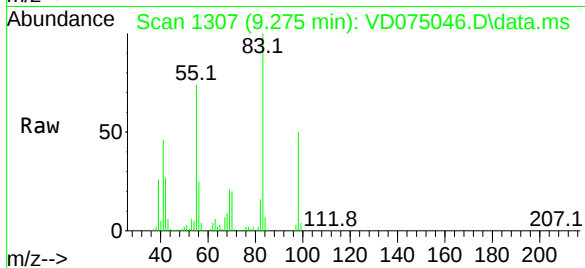
Tgt Ion: 83 Resp: 321128

Ion Ratio Lower Upper

83 100

55 73.8 53.1 79.7

98 49.6 37.5 56.3



#40

Benzene

Concen: 137.183 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075046.D

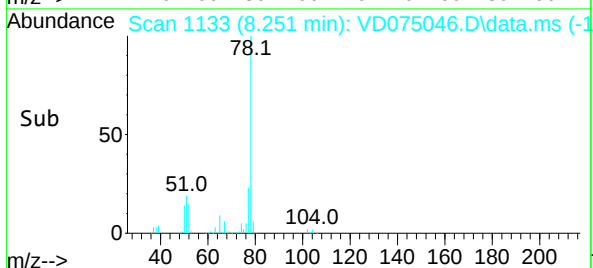
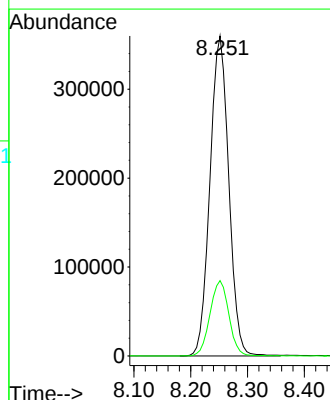
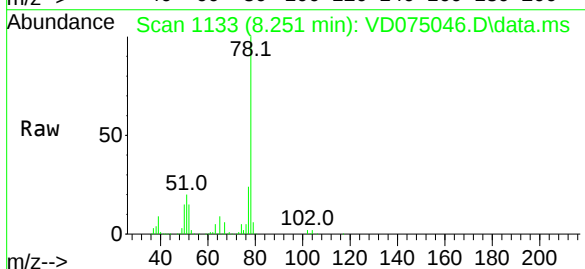
Acq: 22 Dec 2022 13:16

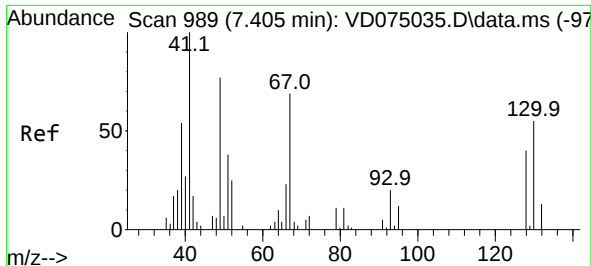
Tgt Ion: 78 Resp: 826080

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8

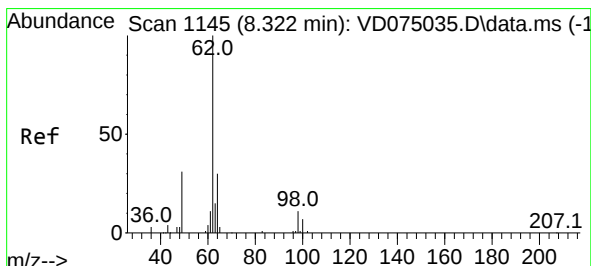
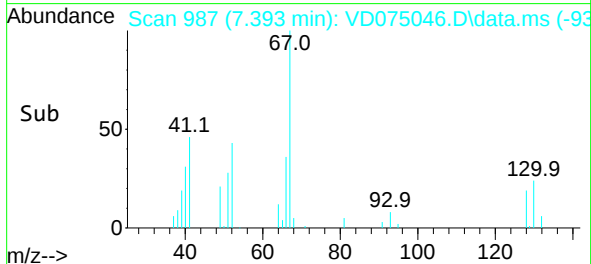
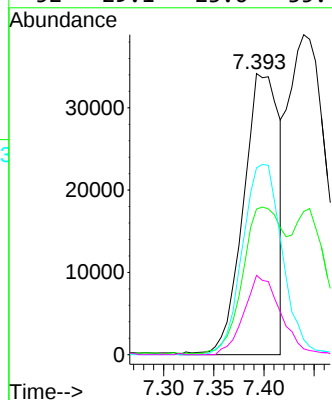
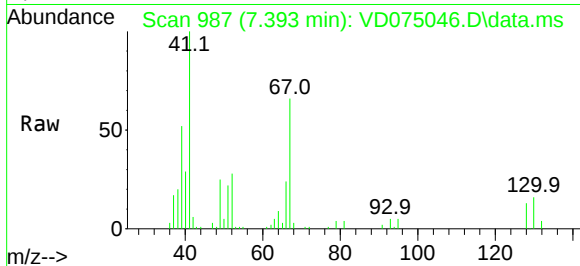




#41
Methacrylonitrile
Concen: 135.105 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

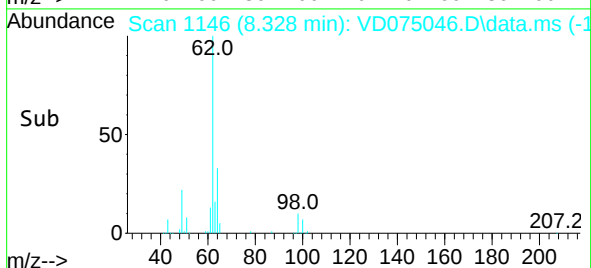
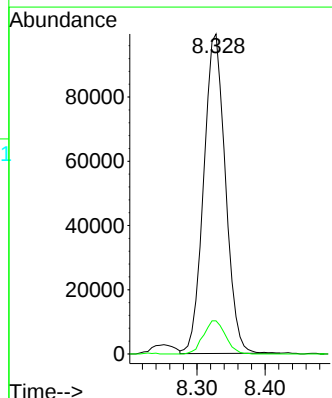
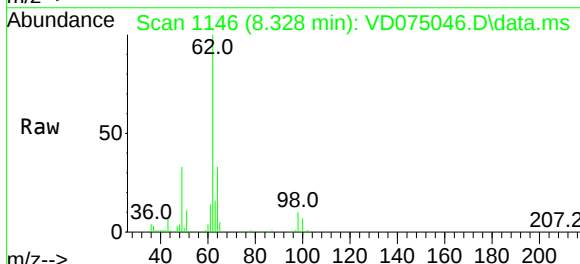
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

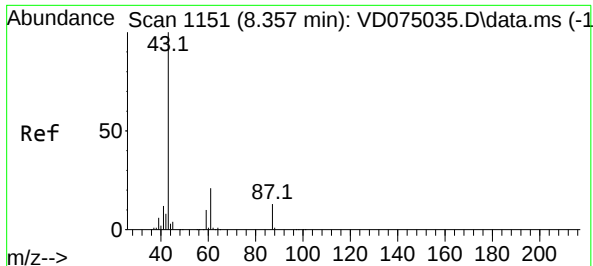
Tgt Ion: 41 Resp: 83987
Ion Ratio Lower Upper
41 100
39 59.0 44.8 67.2
67 75.6 69.6 104.4
52 29.1 23.6 35.4



#42
1,2-Dichloroethane
Concen: 143.403 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 62 Resp: 220315
Ion Ratio Lower Upper
62 100
98 10.6 0.0 23.4





#43

Isopropyl Acetate

Concen: 140.677 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

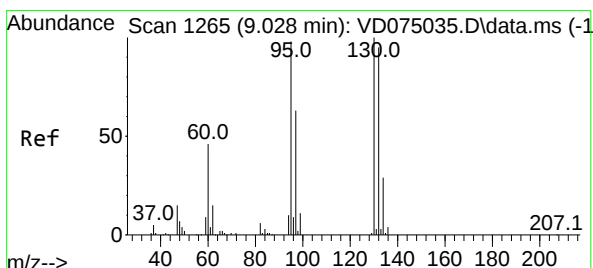
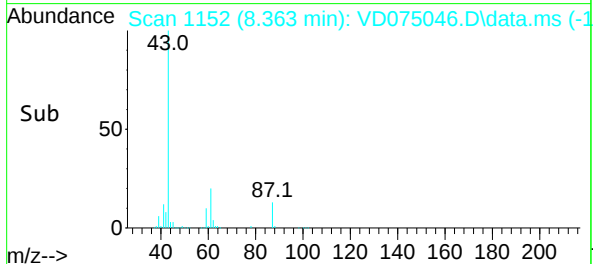
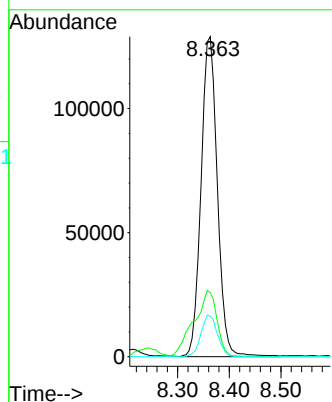
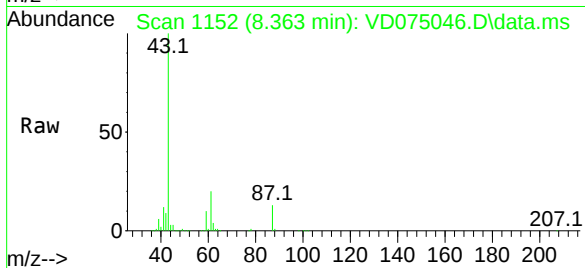
Tgt Ion: 43 Resp: 282757

Ion Ratio Lower Upper

43 100

61 28.8 28.2 42.4

87 13.1 13.6 20.4#



#44

Trichloroethene

Concen: 136.868 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075046.D

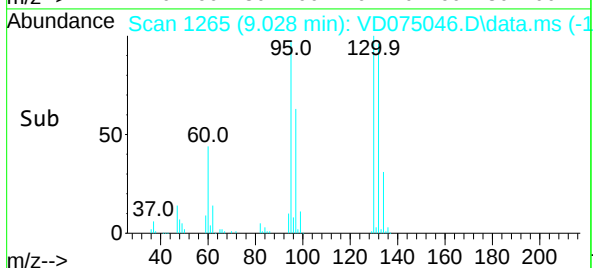
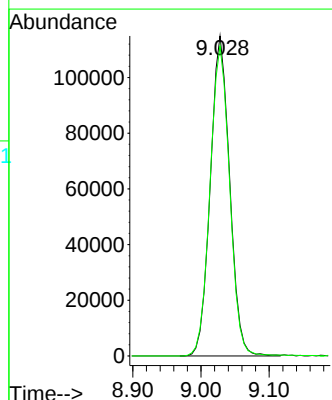
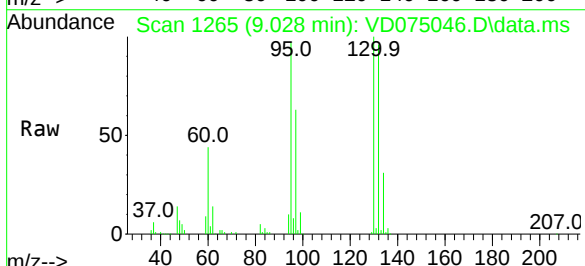
Acq: 22 Dec 2022 13:16

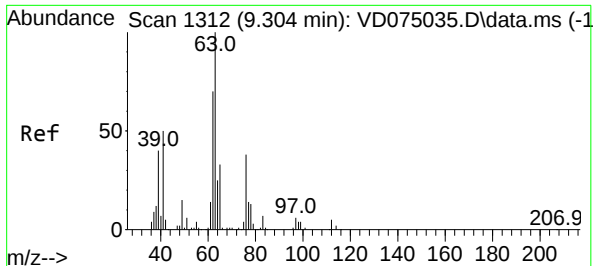
Tgt Ion:130 Resp: 227004

Ion Ratio Lower Upper

130 100

95 96.9 0.0 190.0





#45

1,2-Dichloropropane

Concen: 142.822 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

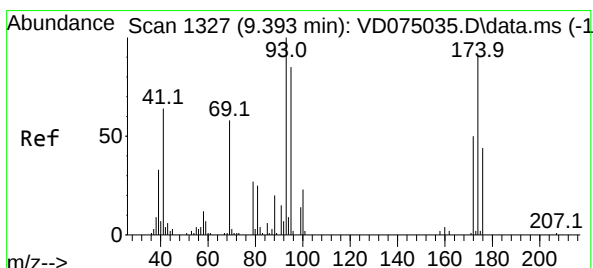
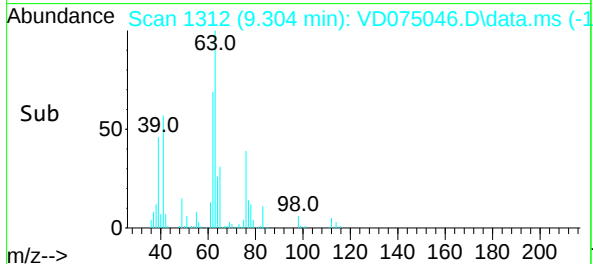
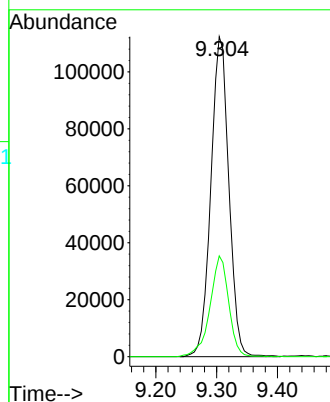
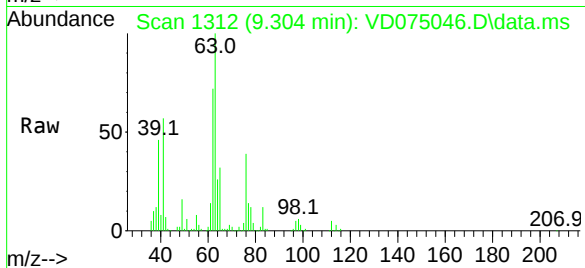
VSTDIC150

Tgt Ion: 63 Resp: 230358

Ion Ratio Lower Upper

63 100

65 31.4 27.0 40.6



#46

Dibromomethane

Concen: 138.872 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

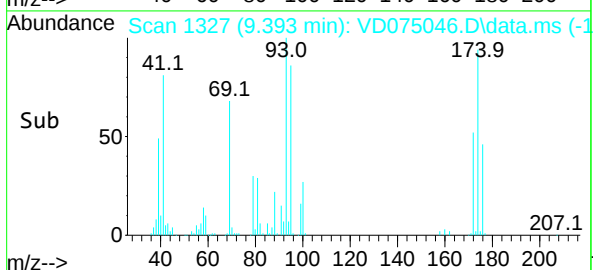
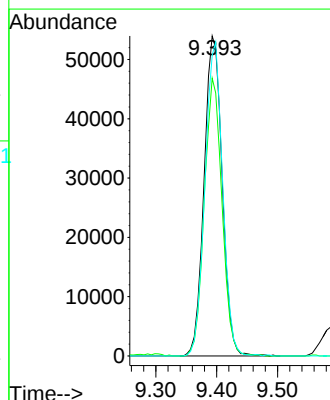
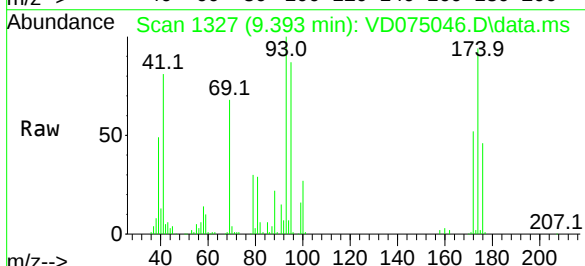
Tgt Ion: 93 Resp: 111398

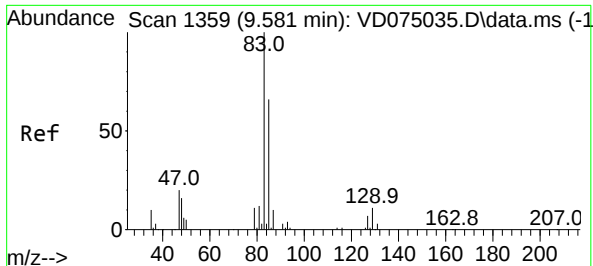
Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

174 95.8 74.7 112.1





#47

Bromodichloromethane

Concen: 144.119 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

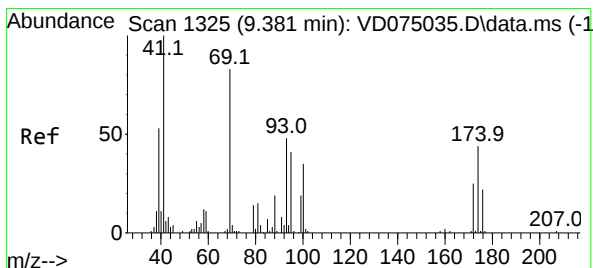
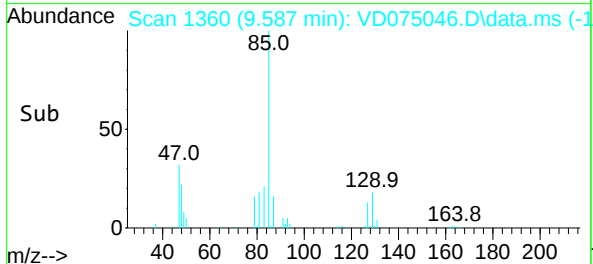
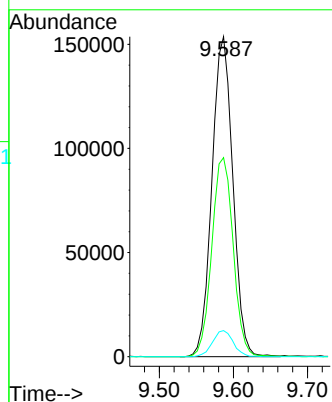
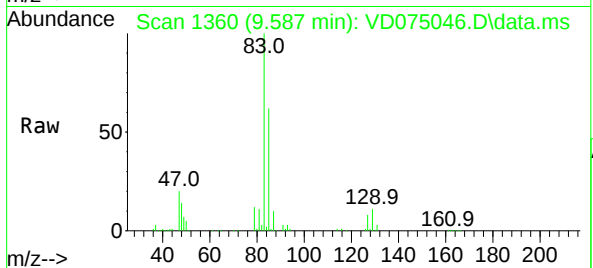
Tgt Ion: 83 Resp: 301067

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.8

127 8.1 7.2 10.8



#48

Methyl methacrylate

Concen: 138.326 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

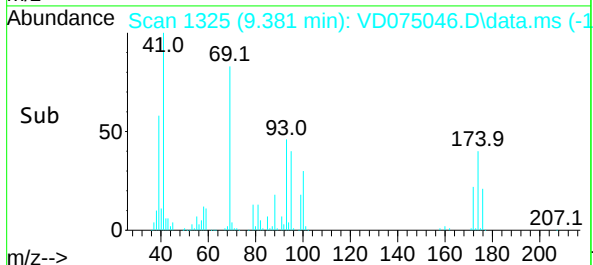
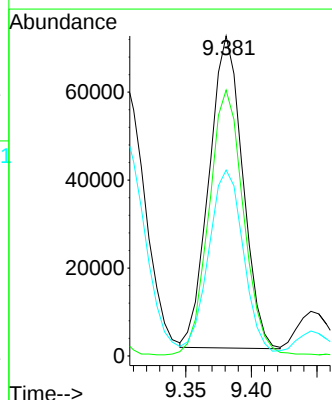
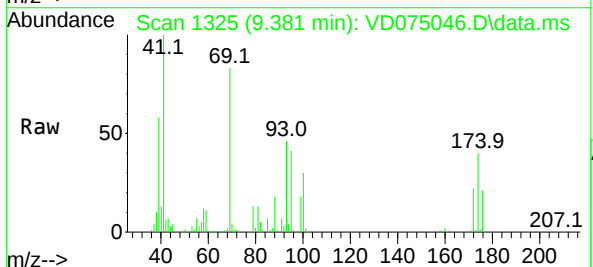
Tgt Ion: 41 Resp: 126290

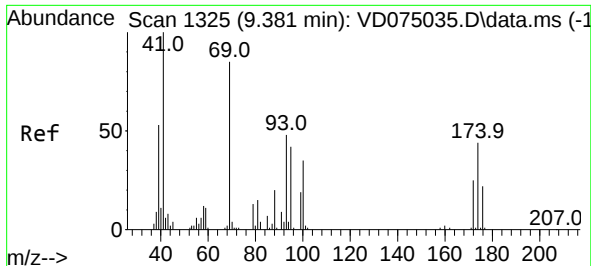
Ion Ratio Lower Upper

41 100

69 87.9 84.8 127.2

39 62.6 43.6 65.4





#49

1,4-Dioxane

Concen: 3008.101 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

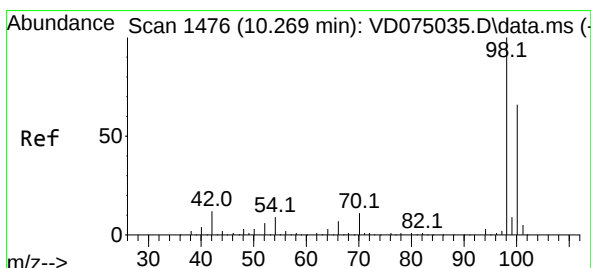
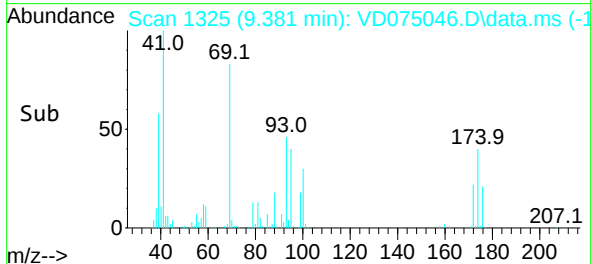
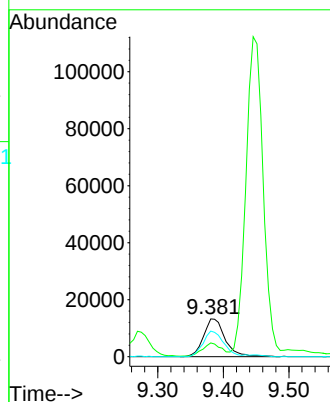
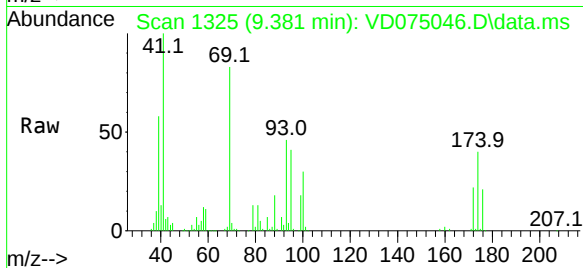
Tgt Ion: 88 Resp: 30409

Ion Ratio Lower Upper

88 100

43 31.2 23.9 35.9

58 64.2 48.4 72.6



#50

Toluene-d8

Concen: 139.229 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075046.D

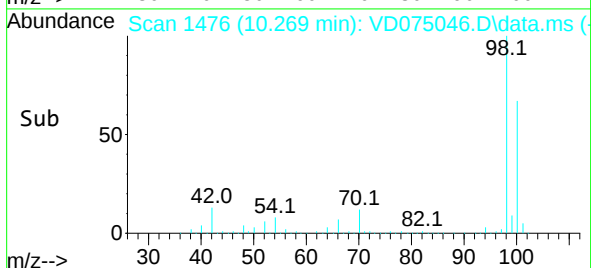
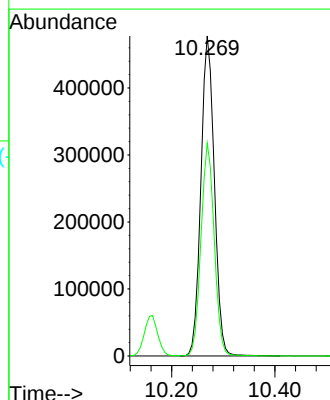
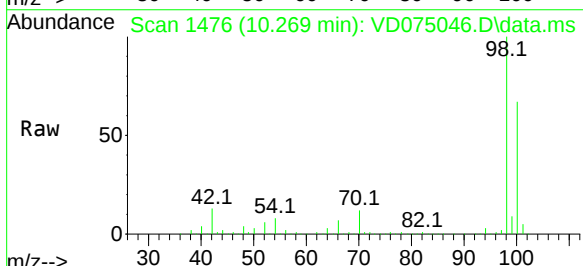
Acq: 22 Dec 2022 13:16

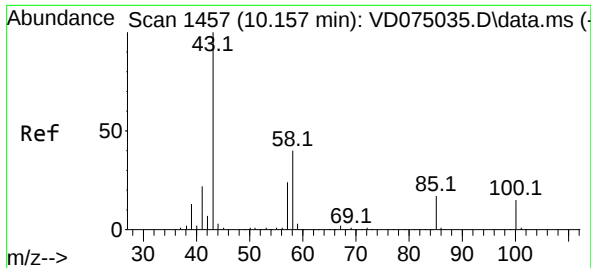
Tgt Ion: 98 Resp: 861427

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2

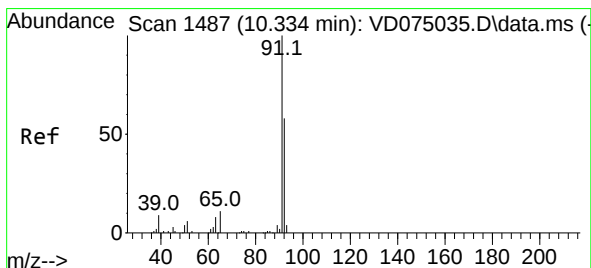
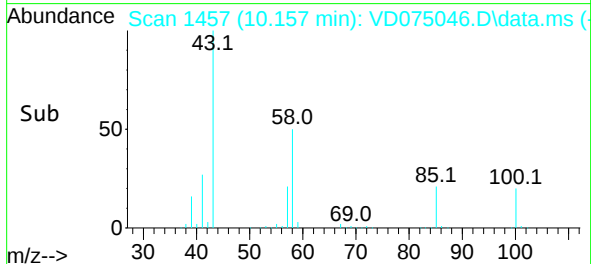
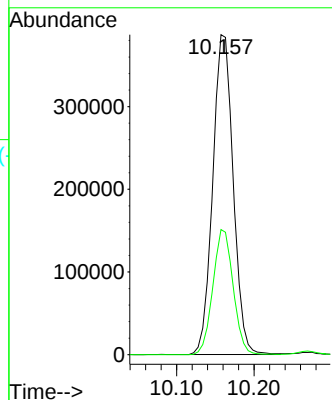
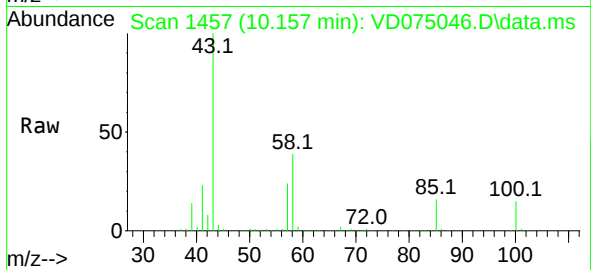




#51
4-Methyl-2-Pentanone
Concen: 714.819 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

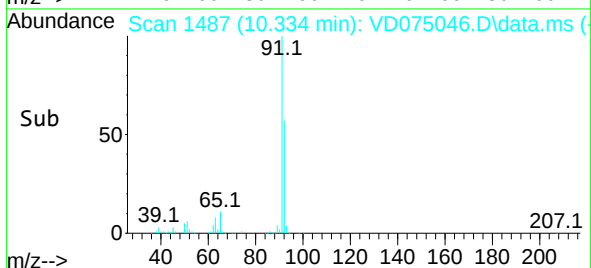
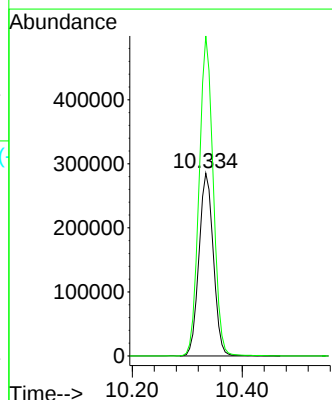
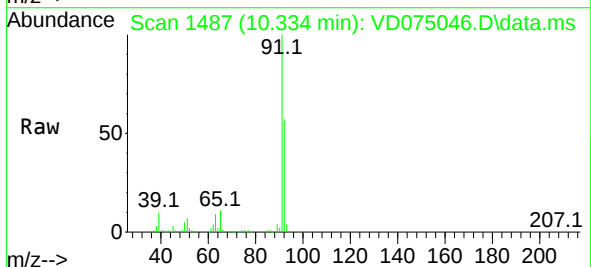
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

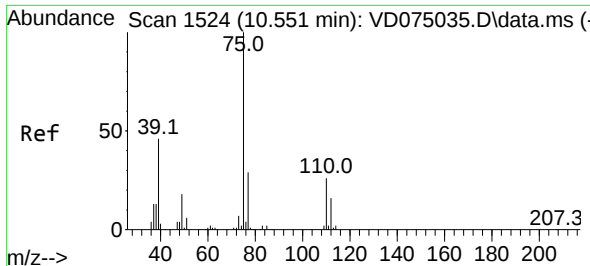
Tgt Ion: 43 Resp: 709757
Ion Ratio Lower Upper
43 100
58 38.8 35.7 53.5



#52
Toluene
Concen: 135.337 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 92 Resp: 518958
Ion Ratio Lower Upper
92 100
91 171.4 139.3 208.9

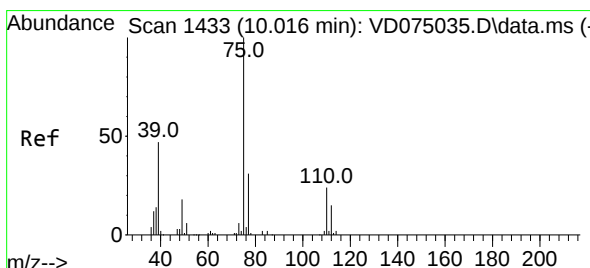
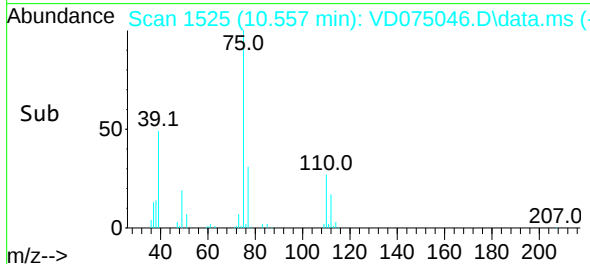
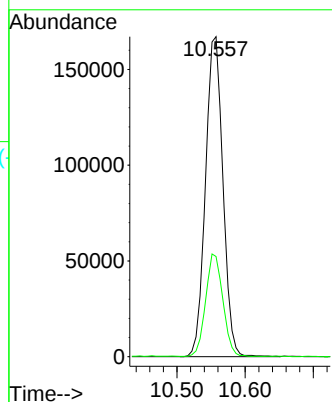
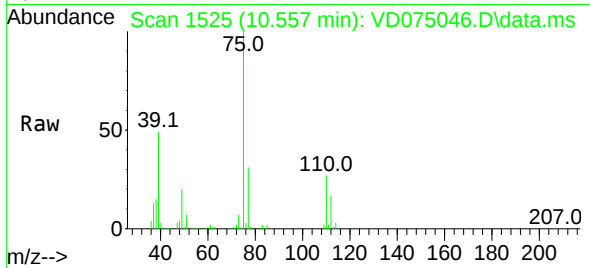




#53
 t-1,3-Dichloropropene
 Concen: 146.380 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

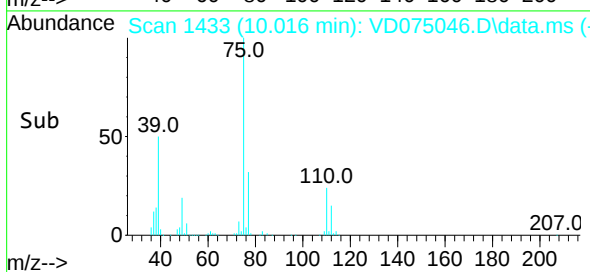
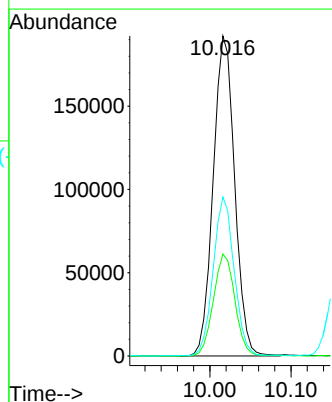
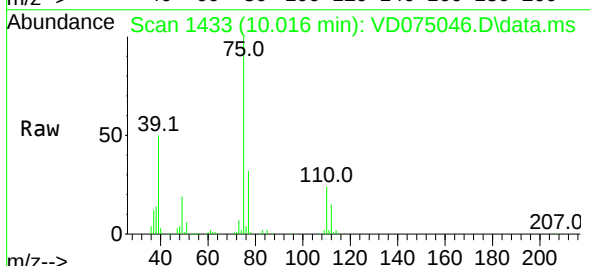
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

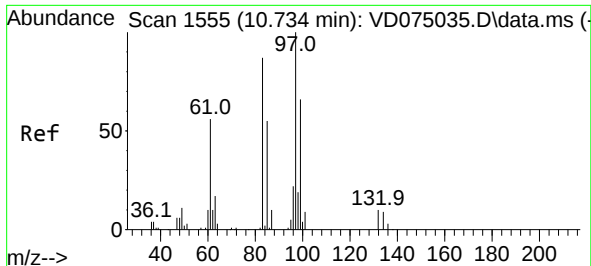
Tgt Ion: 75 Resp: 297516
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 144.388 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

Tgt Ion: 75 Resp: 353644
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 49.5 25.7 38.5#



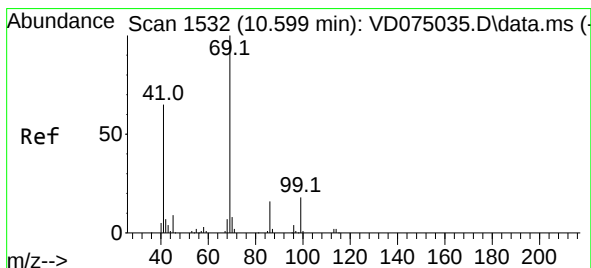
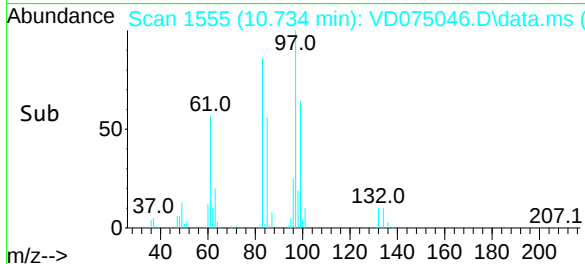
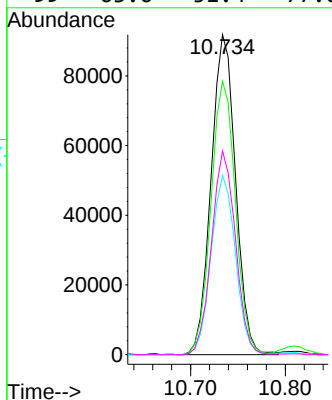
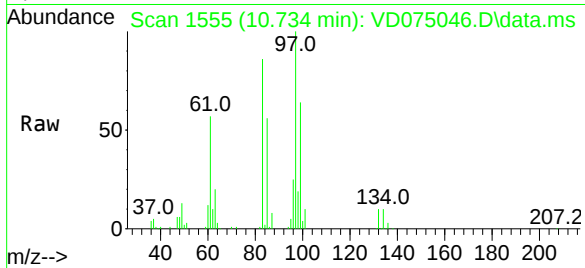


#55
1,1,2-Trichloroethane
Concen: 140.420 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 164939

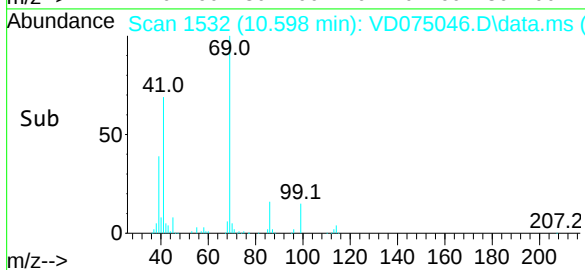
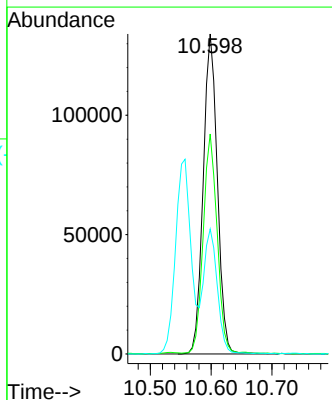
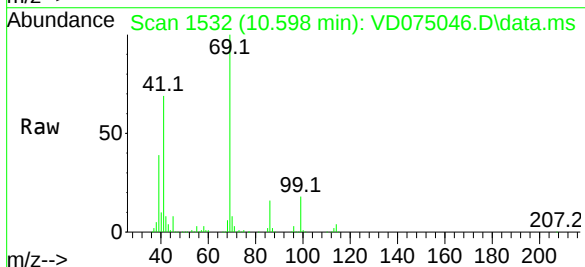
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.1	97.7
85	56.0	43.3	64.9
99	63.6	51.4	77.0

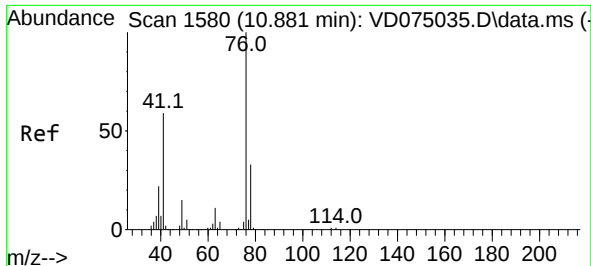


#56
Ethyl methacrylate
Concen: 140.178 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 69 Resp: 216742

Ion	Ratio	Lower	Upper
69	100		
41	67.3	42.2	63.4#
39	36.2	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 142.824 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

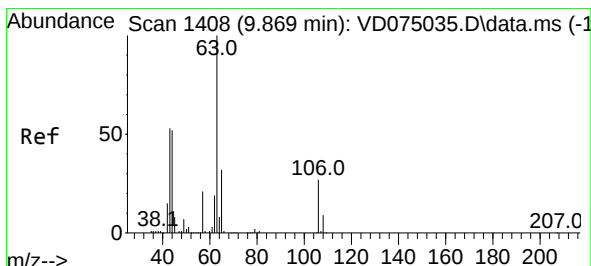
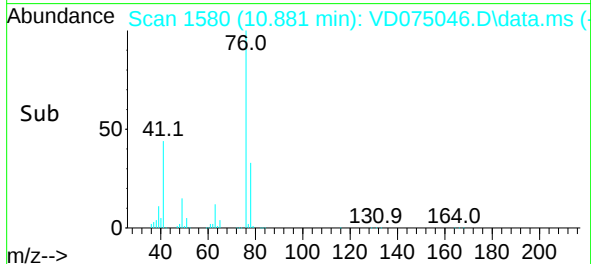
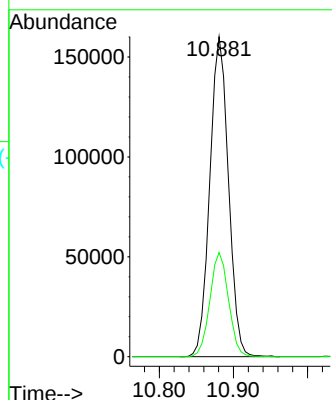
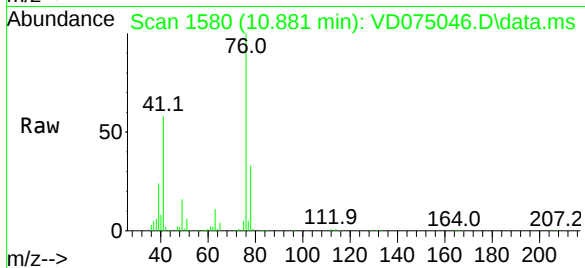
VSTDIC150

Tgt Ion: 76 Resp: 280456

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 734.501 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075046.D

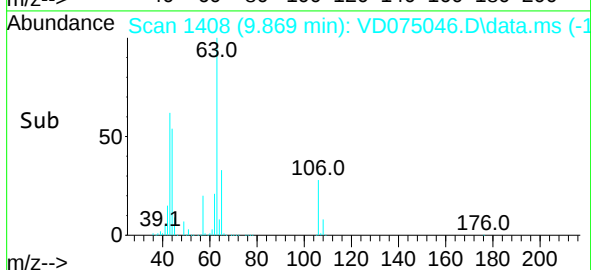
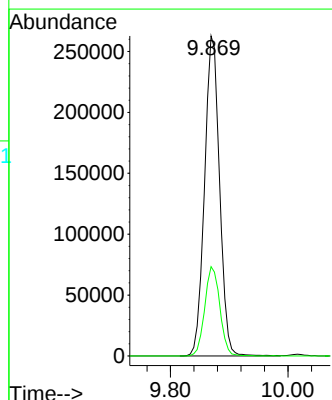
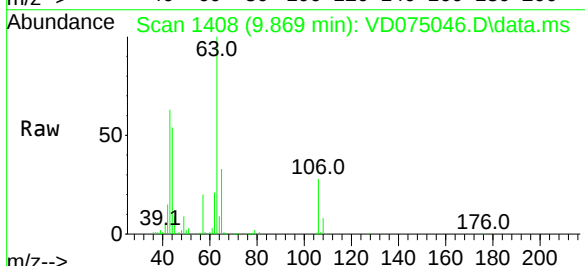
Acq: 22 Dec 2022 13:16

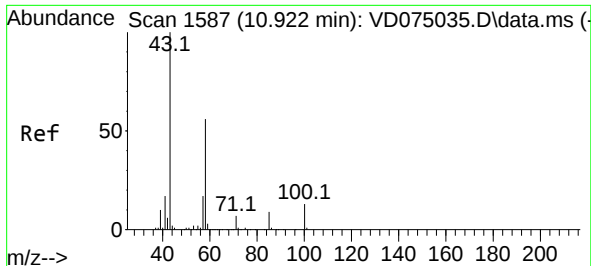
Tgt Ion: 63 Resp: 466157

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

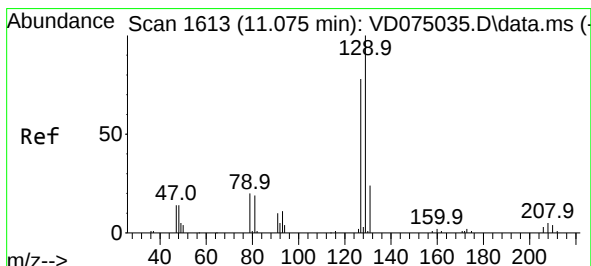
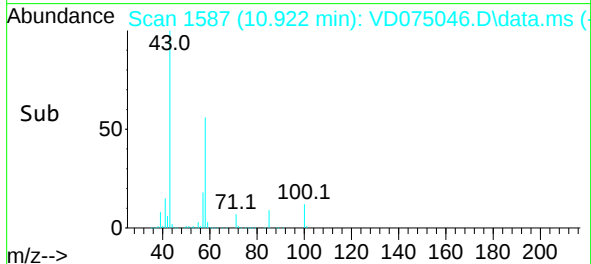
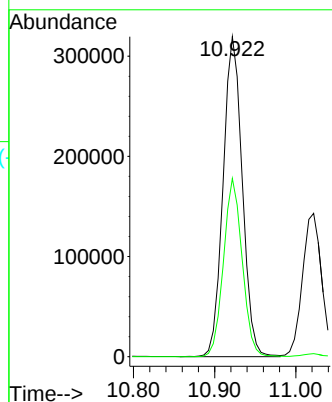
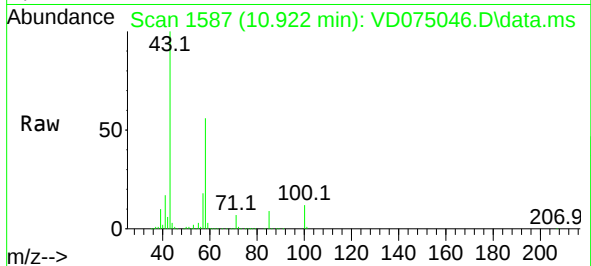




#59
2-Hexanone
Concen: 728.403 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

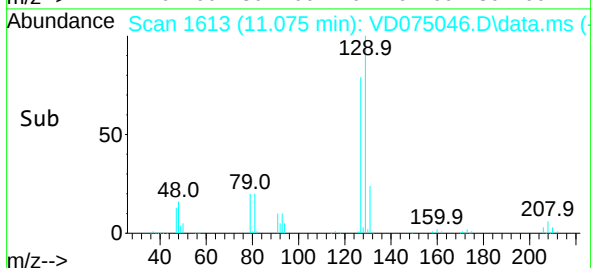
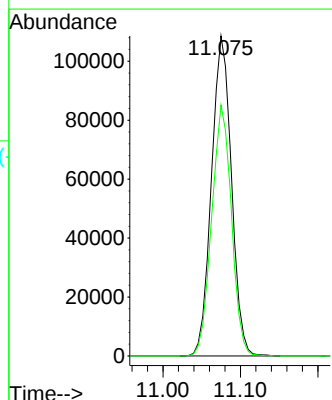
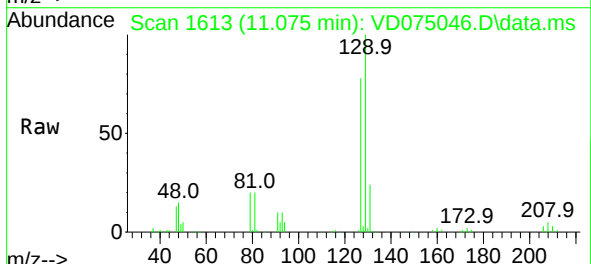
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

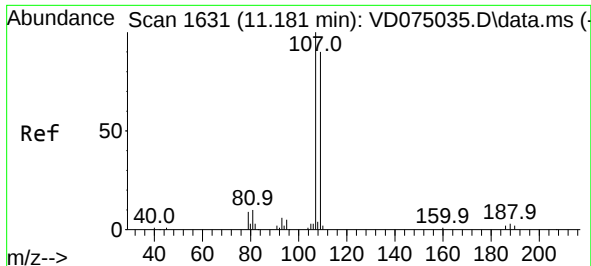
Tgt Ion: 43 Resp: 525938
Ion Ratio Lower Upper
43 100
58 54.2 30.8 92.4



#60
Dibromochloromethane
Concen: 144.472 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 129 Resp: 194415
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3

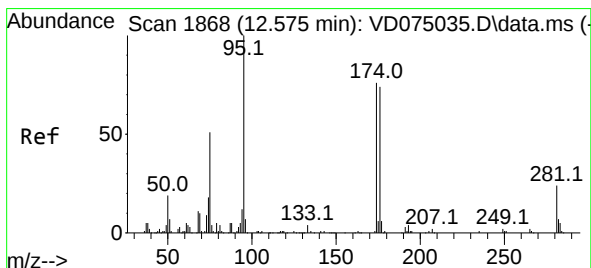
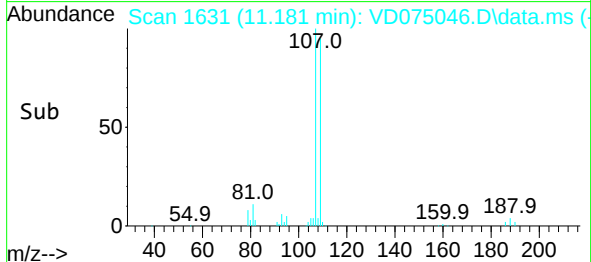
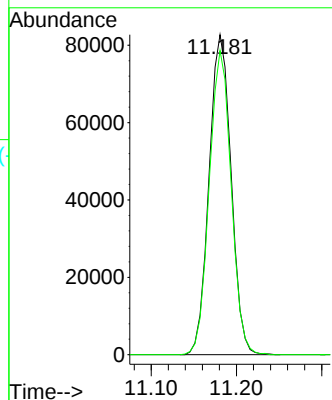
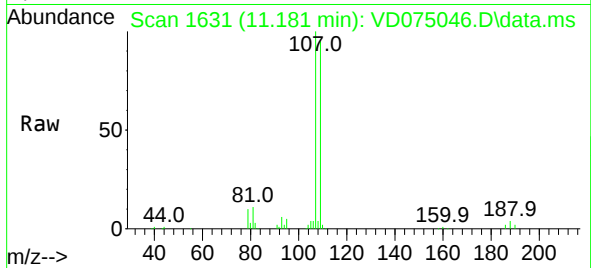




#61
1,2-Dibromoethane
Concen: 140.949 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

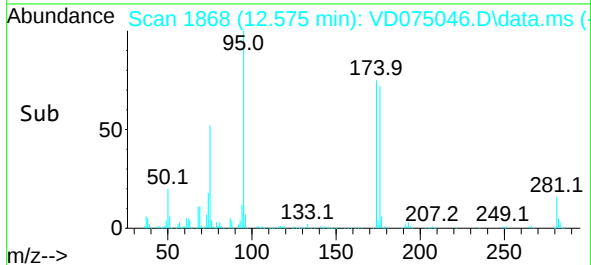
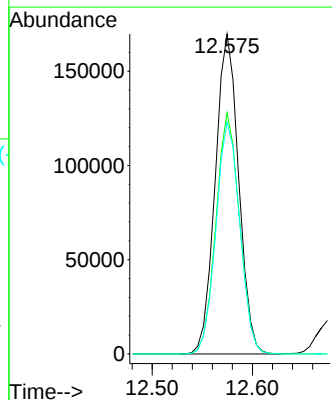
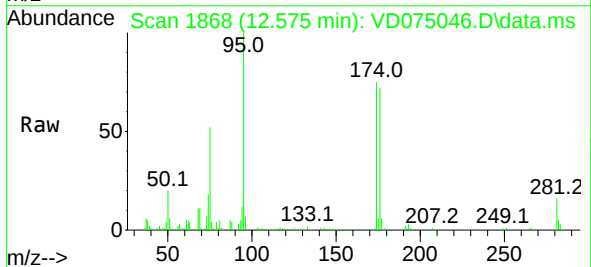
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

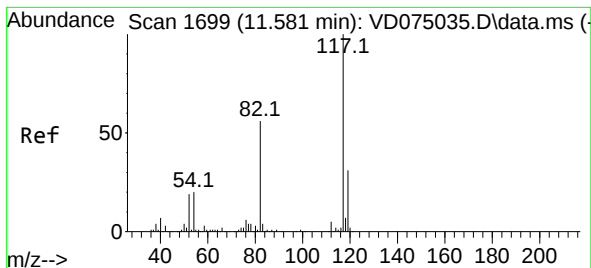
Tgt Ion:107 Resp: 148429
Ion Ratio Lower Upper
107 100
109 94.5 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 137.160 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 95 Resp: 274920
Ion Ratio Lower Upper
95 100
174 75.9 0.0 171.2
176 73.6 0.0 165.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

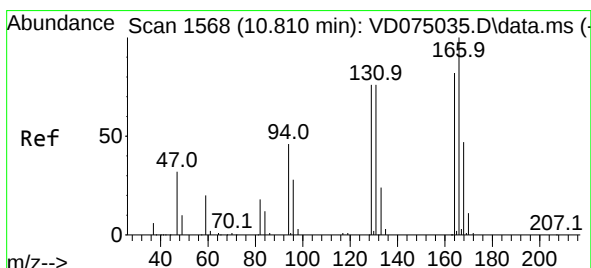
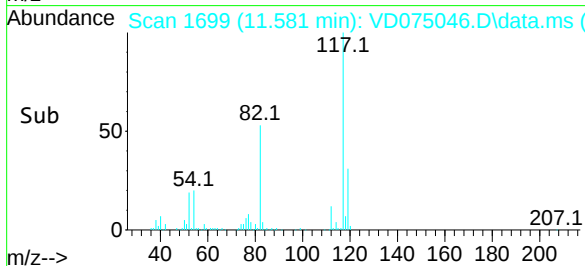
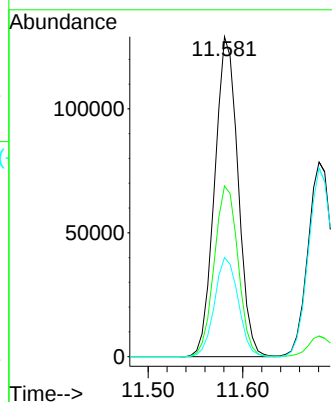
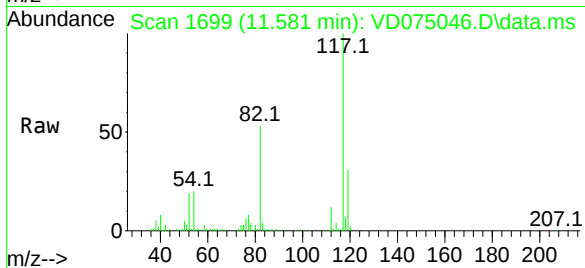
Tgt Ion:117 Resp: 221534

Ion Ratio Lower Upper

117 100

82 53.3 40.9 61.3

119 31.0 25.5 38.3



#64

Tetrachloroethene

Concen: 133.865 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Tgt Ion:164 Resp: 173588

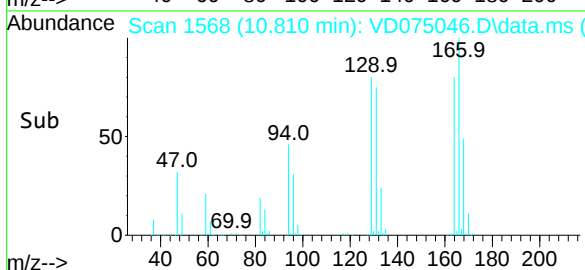
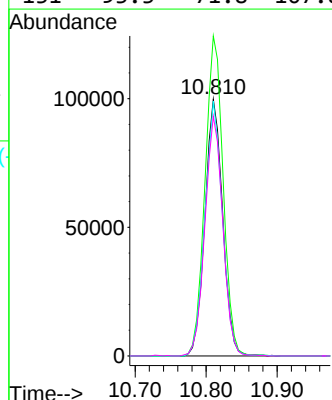
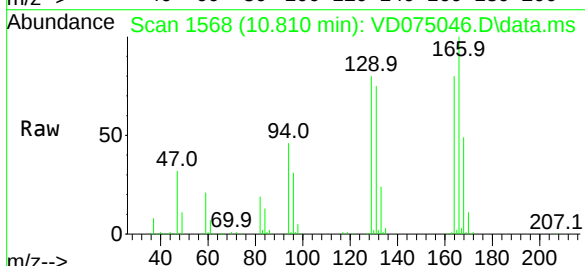
Ion Ratio Lower Upper

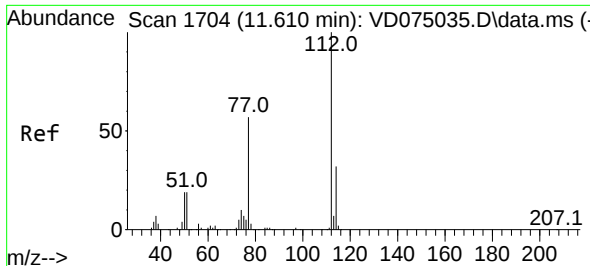
164 100

166 124.6 99.4 149.0

129 99.2 76.7 115.1

131 93.3 71.8 107.8

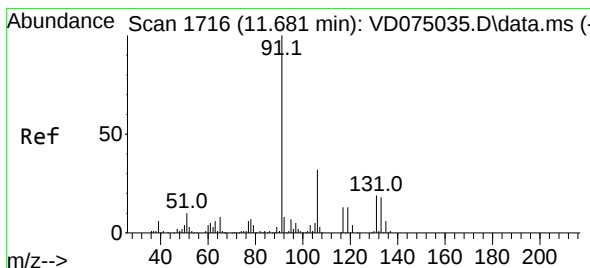
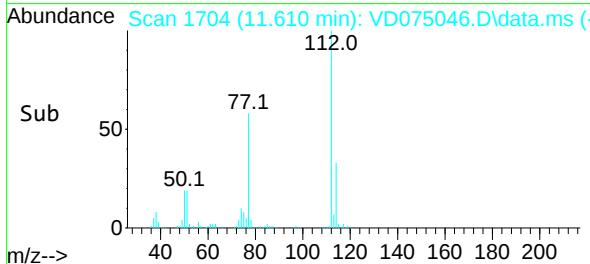
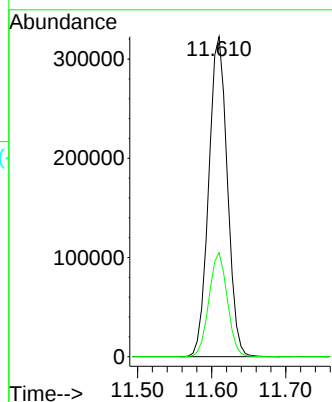
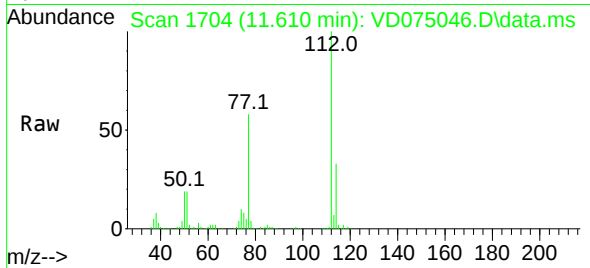




#65
Chlorobenzene
Concen: 139.060 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

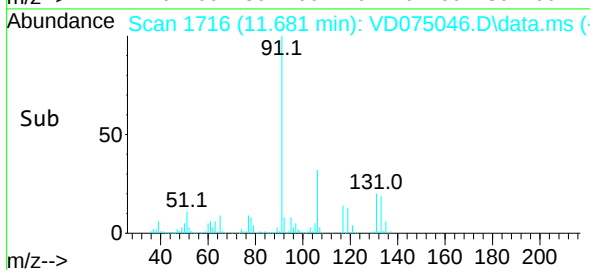
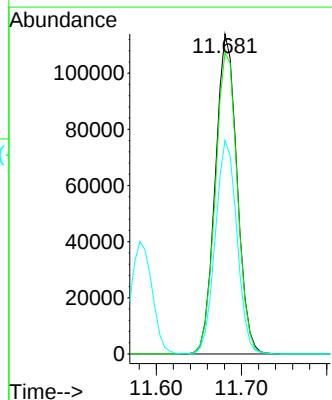
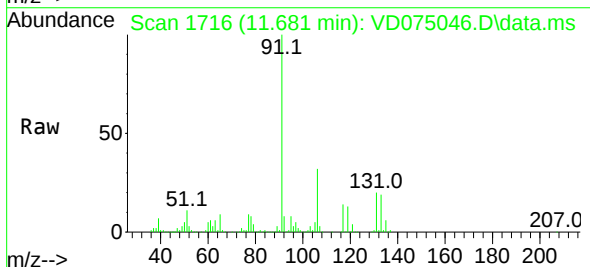
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

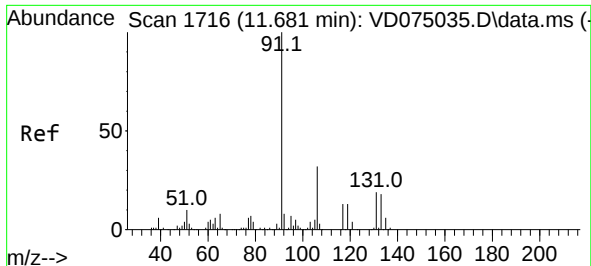
Tgt Ion:112 Resp: 562639
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 144.053 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion:131 Resp: 201836
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.6
119 66.5 34.2 102.5





#67

Ethyl Benzene

Concen: 138.195 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

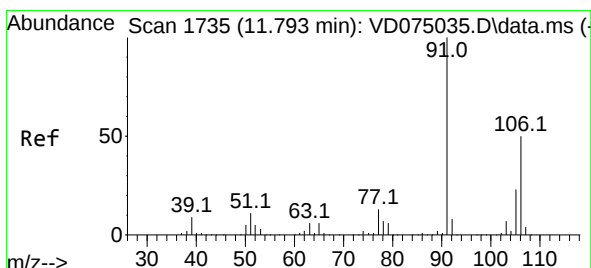
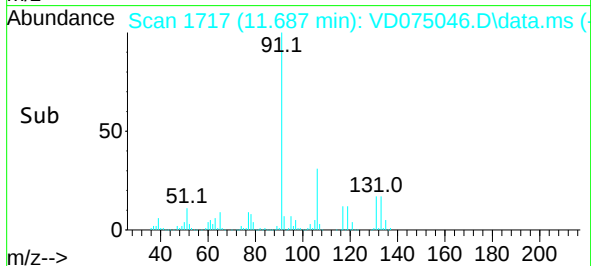
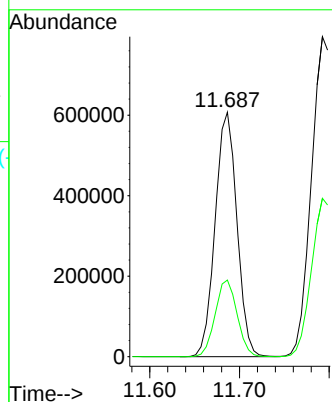
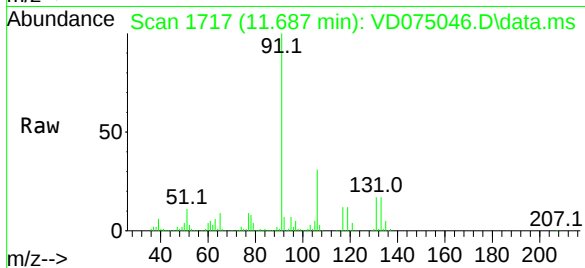
VSTDIC150

Tgt Ion: 91 Resp: 1023361

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 272.229 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD075046.D

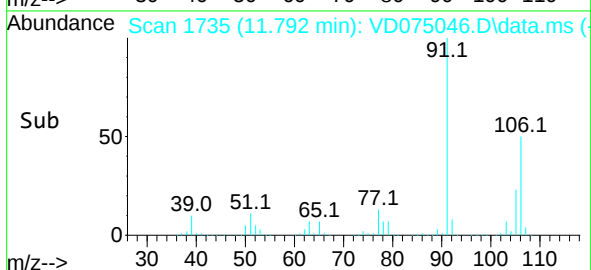
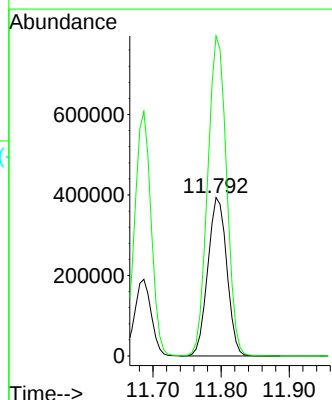
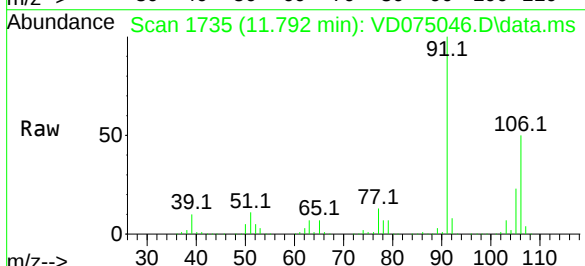
Acq: 22 Dec 2022 13:16

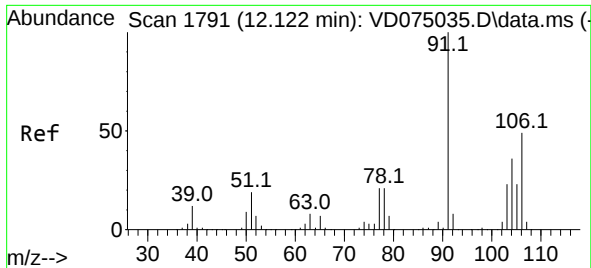
Tgt Ion:106 Resp: 764327

Ion Ratio Lower Upper

106 100

91 200.5 156.3 234.5

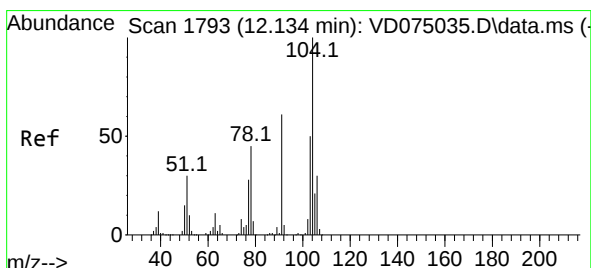
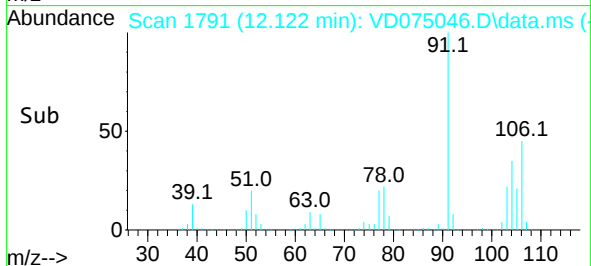
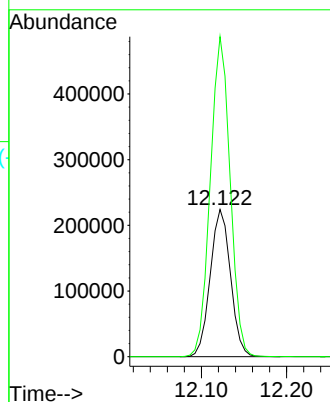
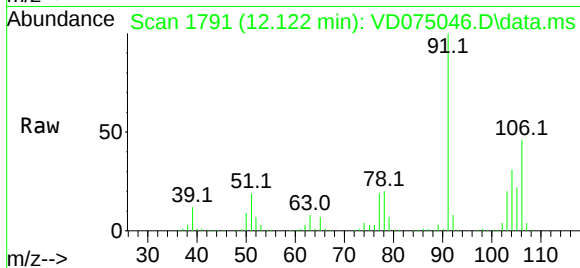




#69
o-Xylene
Concen: 137.121 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

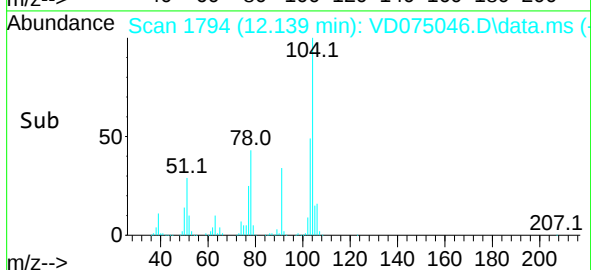
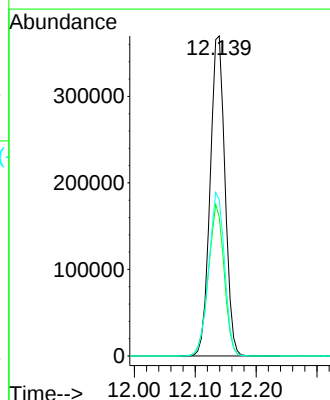
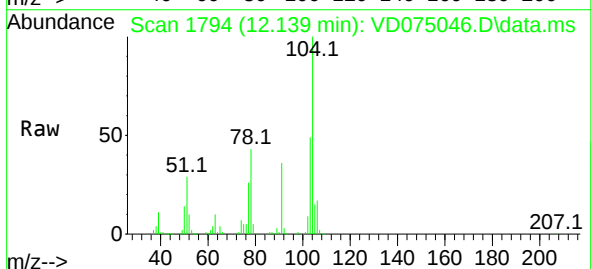
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

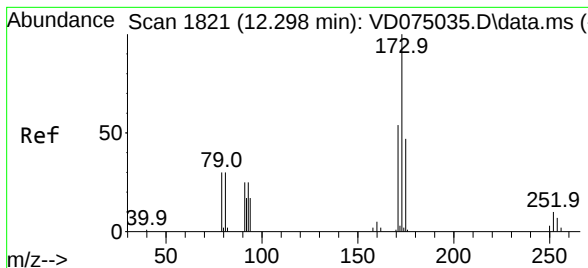
Tgt Ion:106 Resp: 370336
Ion Ratio Lower Upper
106 100
91 212.7 102.7 308.1



#70
Styrene
Concen: 137.711 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion:104 Resp: 625298
Ion Ratio Lower Upper
104 100
78 50.2 35.5 53.3
103 54.4 43.9 65.9





#71

Bromoform

Concen: 143.768 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

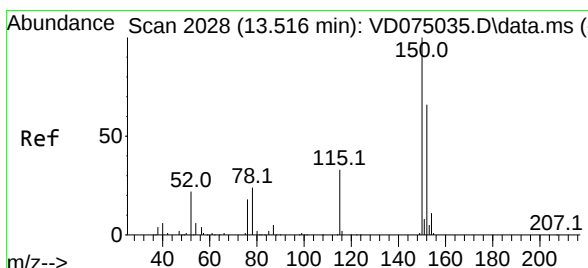
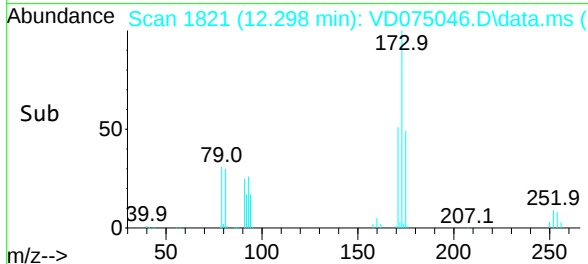
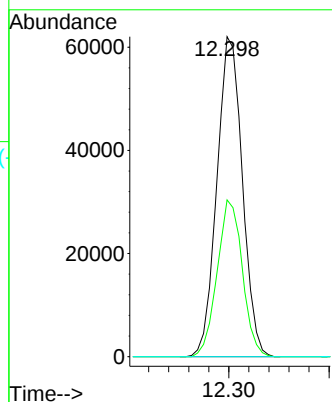
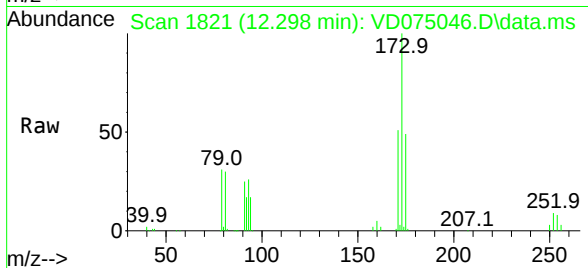
Tgt Ion:173 Resp: 109293

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

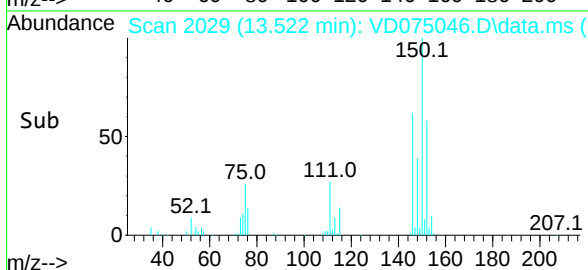
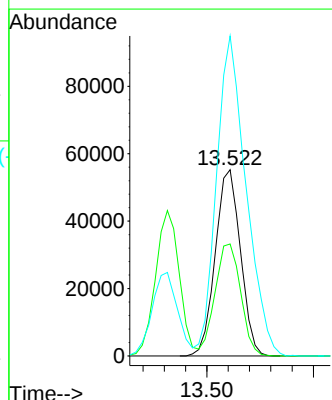
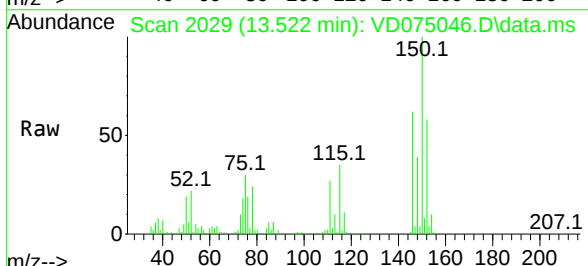
Tgt Ion:152 Resp: 90539

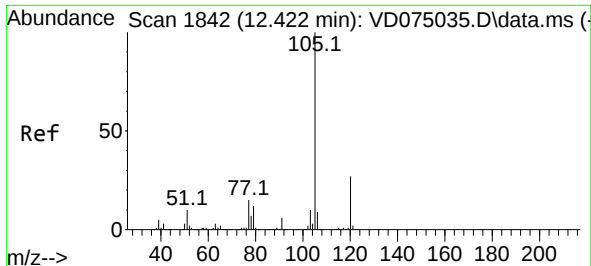
Ion Ratio Lower Upper

152 100

115 61.3 28.8 86.5

150 202.1 0.0 354.2

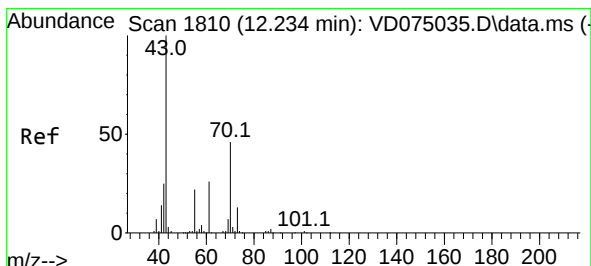
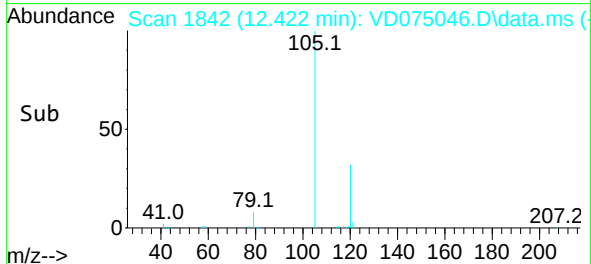
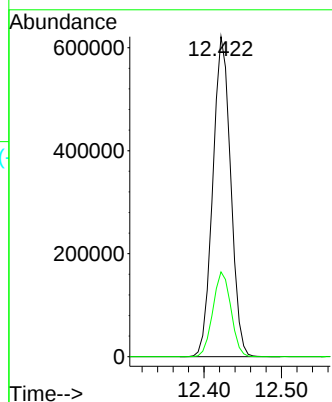
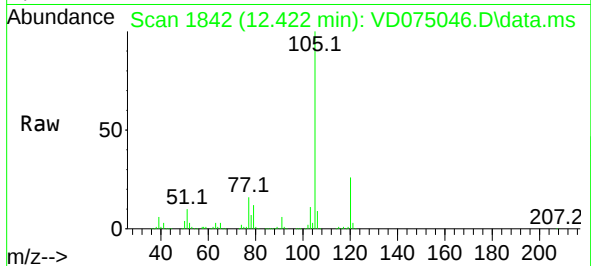




#73
Isopropylbenzene
Concen: 143.490 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

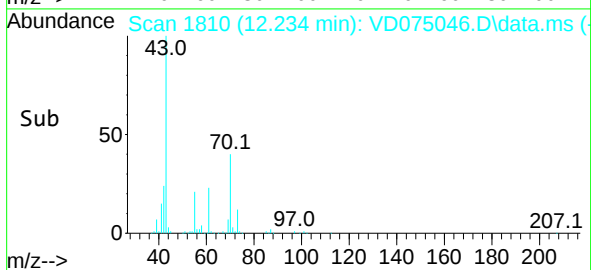
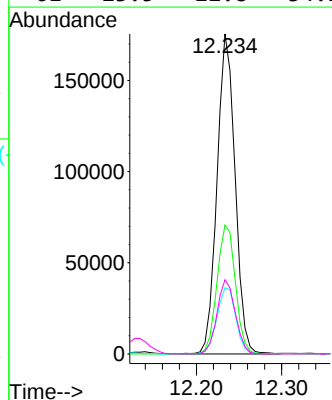
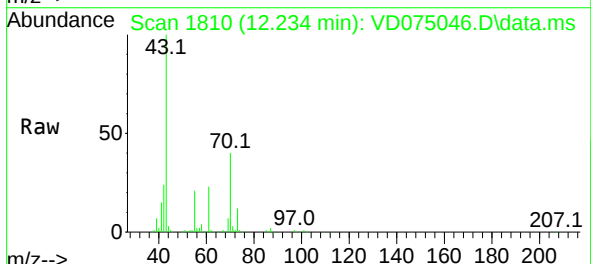
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

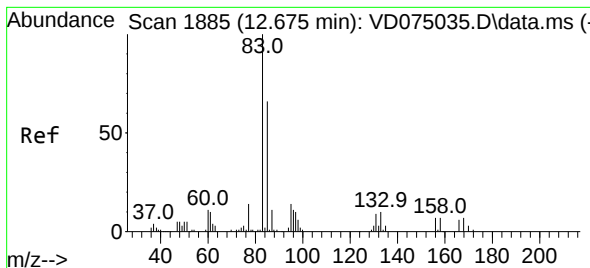
Tgt Ion:105 Resp: 996037
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 146.916 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 43 Resp: 258854
Ion Ratio Lower Upper
43 100
70 41.1 40.6 60.8
55 21.7 22.0 33.0#
61 23.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 146.740 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

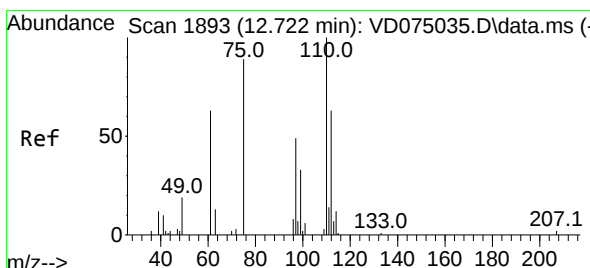
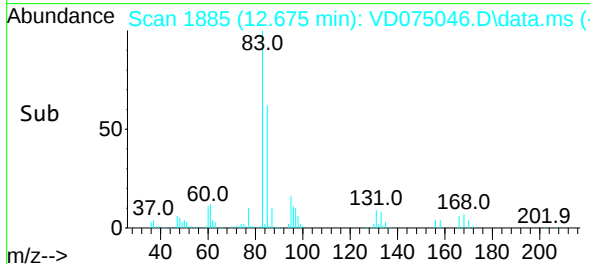
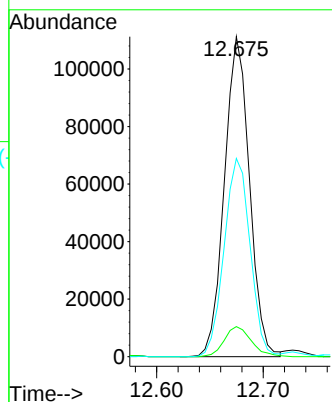
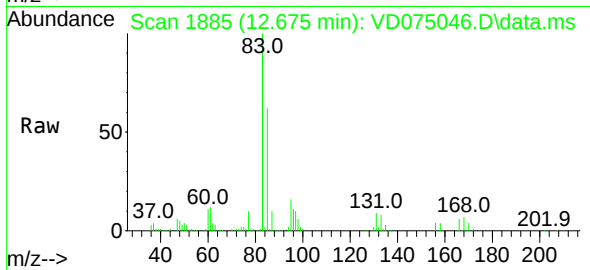
Tgt Ion: 83 Resp: 181633

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.6

85 64.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 247.709 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD075046.D

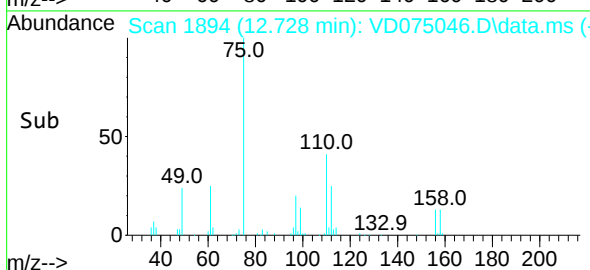
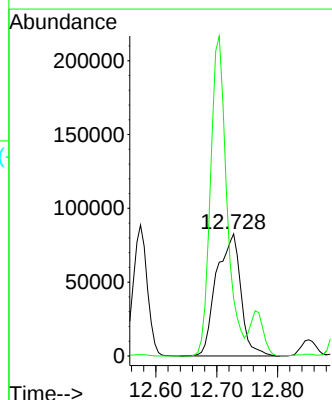
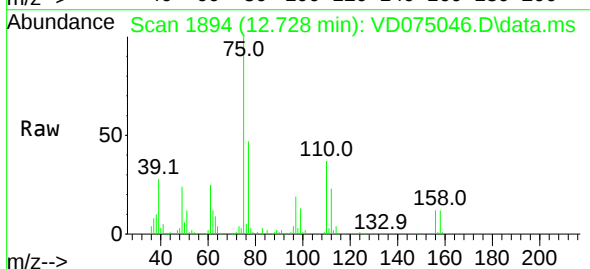
Acq: 22 Dec 2022 13:16

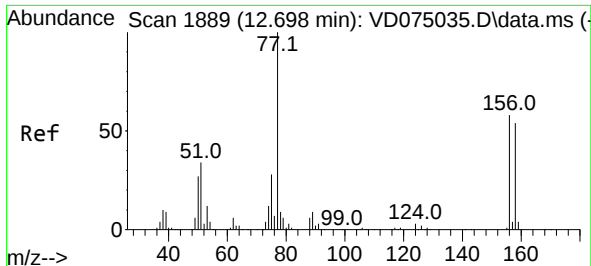
Tgt Ion: 75 Resp: 229958

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

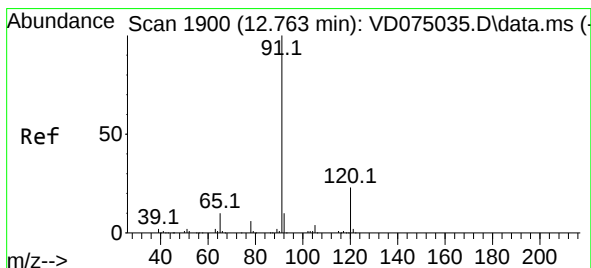
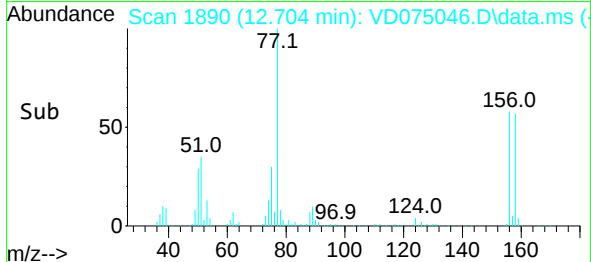
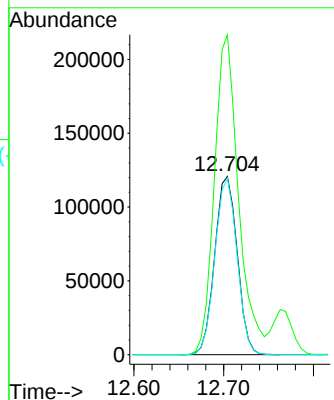
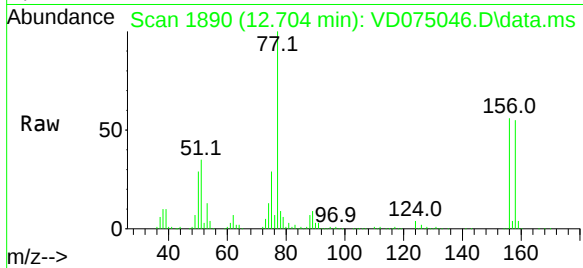




#77
Bromobenzene
Concen: 141.944 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

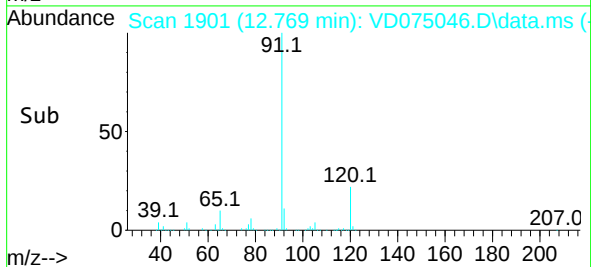
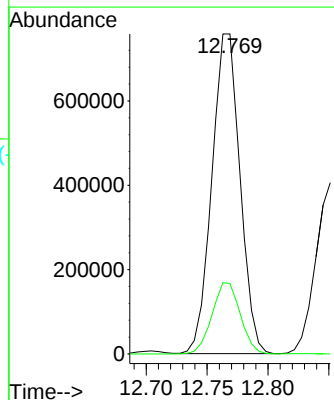
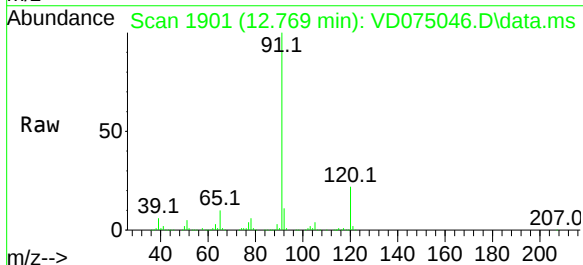
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

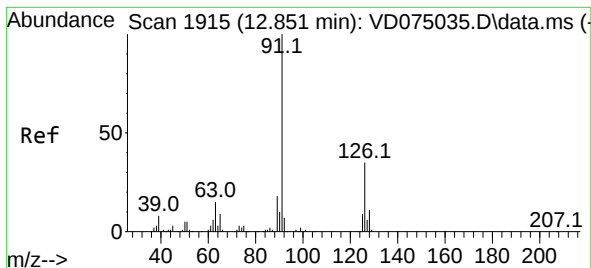
Tgt Ion:156 Resp: 210323
Ion Ratio Lower Upper
156 100
77 192.4 86.3 258.9
158 97.4 48.3 144.9



#78
n-propylbenzene
Concen: 143.407 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 91 Resp: 1219297
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7





#79

2-Chlorotoluene

Concen: 144.113 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

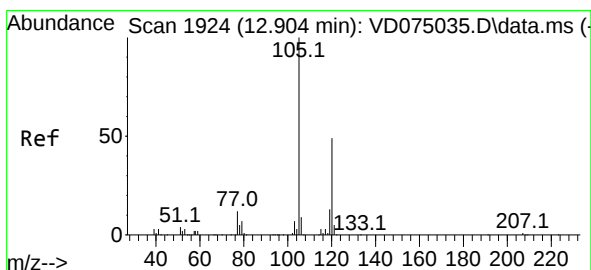
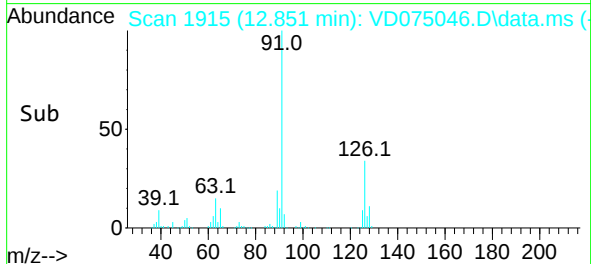
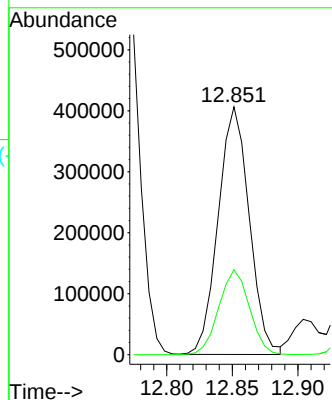
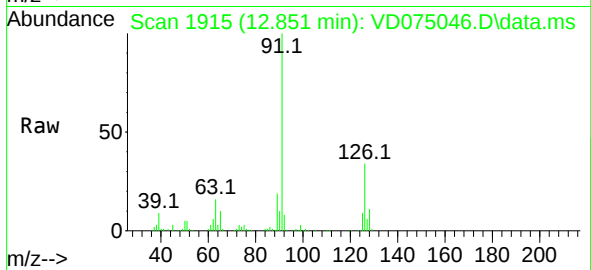
VSTDIC150

Tgt Ion: 91 Resp: 669406

Ion Ratio Lower Upper

91 100

126 33.8 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 143.421 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075046.D

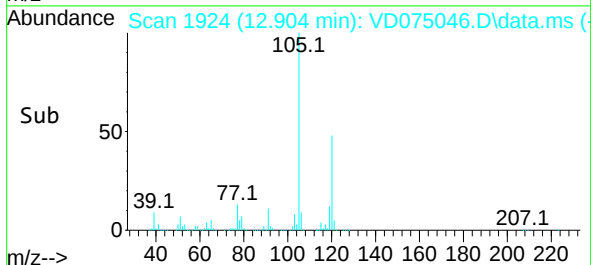
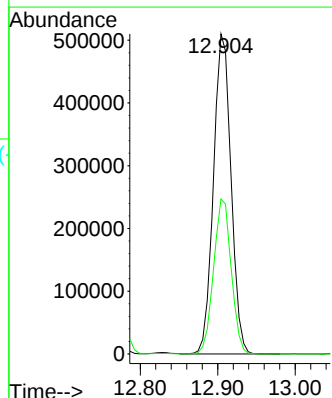
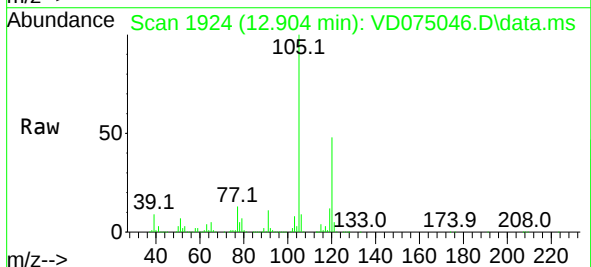
Acq: 22 Dec 2022 13:16

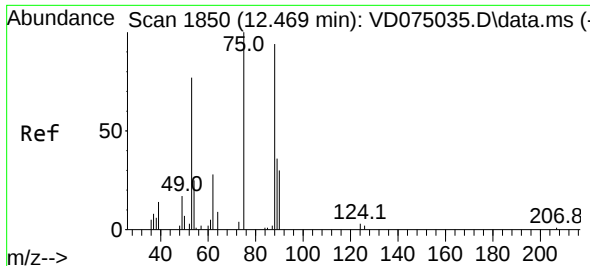
Tgt Ion: 105 Resp: 802863

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.3

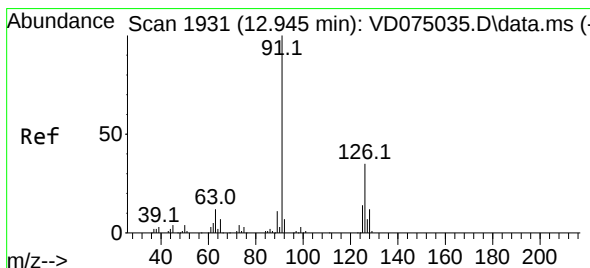
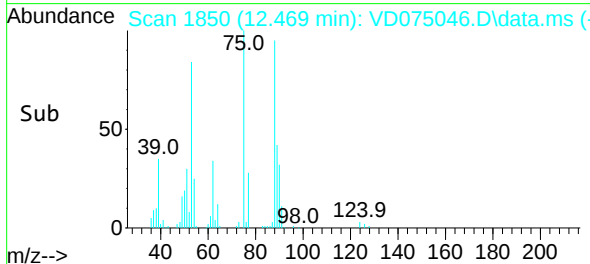
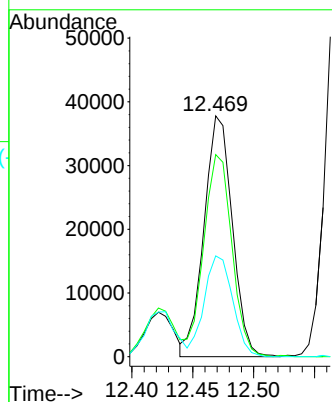
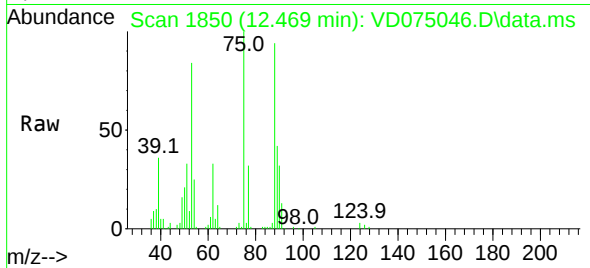




#81
trans-1,4-Dichloro-2-butene
Concen: 153.016 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

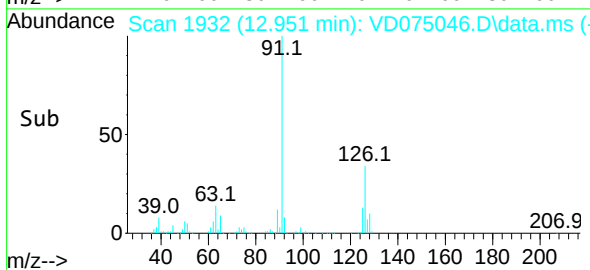
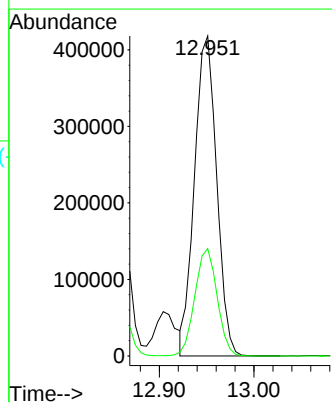
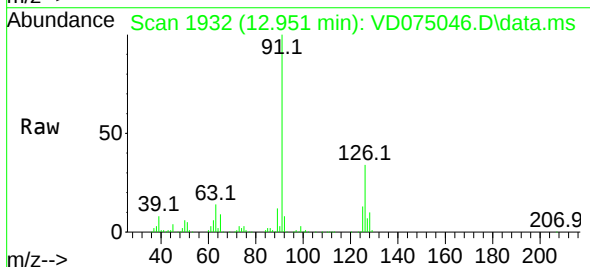
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

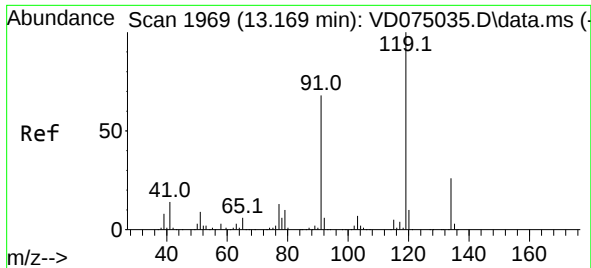
Tgt Ion: 75 Resp: 61291
Ion Ratio Lower Upper
75 100
53 84.2 60.0 90.0
89 42.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 143.369 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 91 Resp: 679477
Ion Ratio Lower Upper
91 100
126 33.8 18.1 54.1

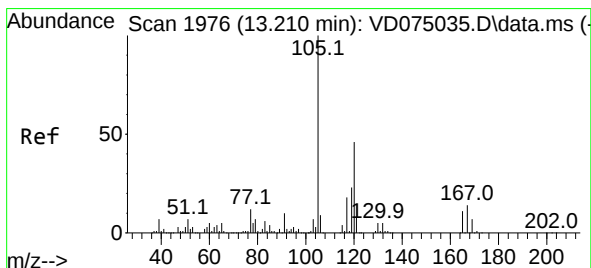
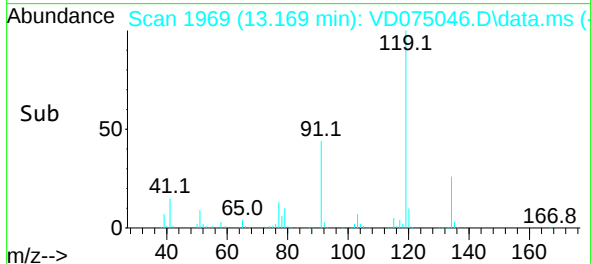
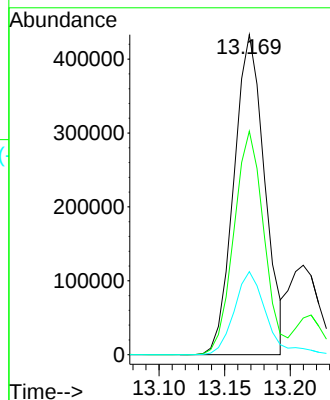
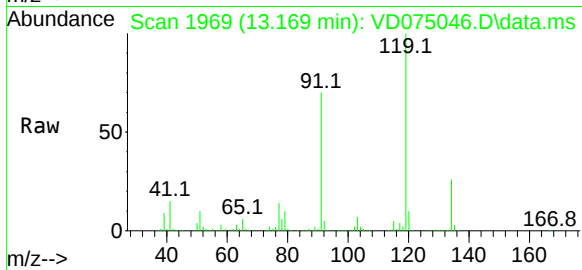




#83
tert-Butylbenzene
Concen: 142.827 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

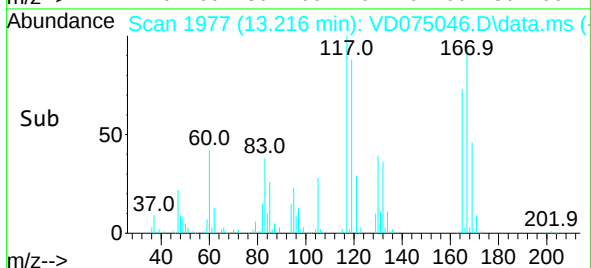
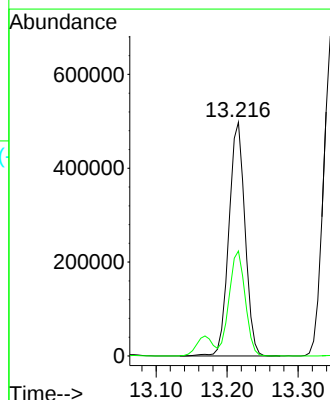
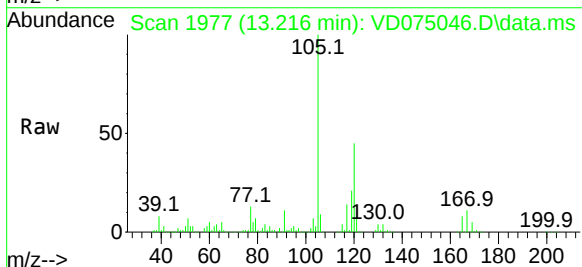
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

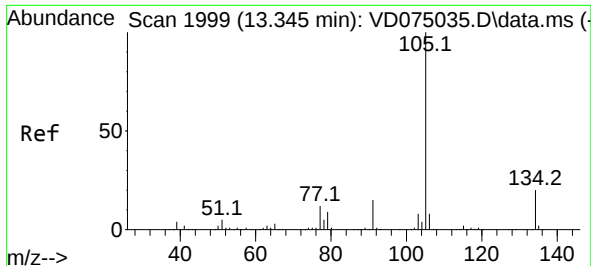
Tgt Ion:119 Resp: 707807
Ion Ratio Lower Upper
119 100
91 68.6 31.2 93.6
134 27.1 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 144.092 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion:105 Resp: 784566
Ion Ratio Lower Upper
105 100
120 44.8 23.1 69.3

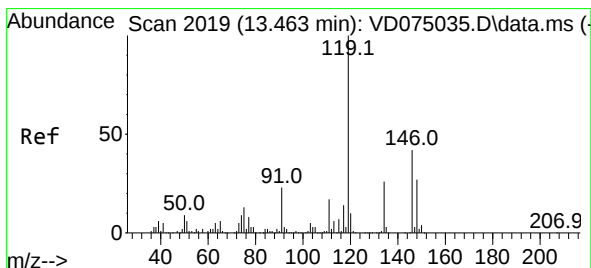
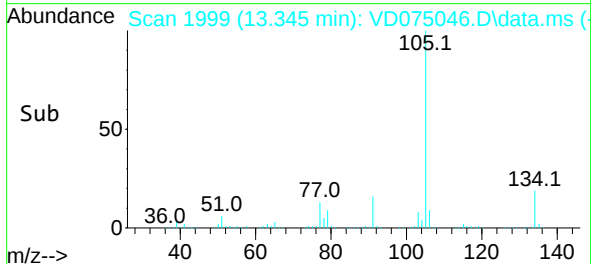
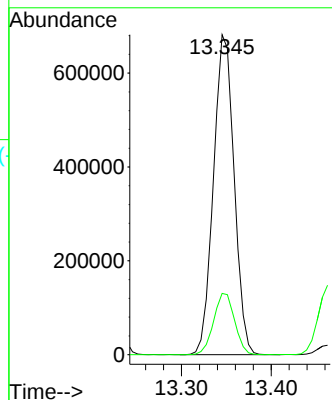
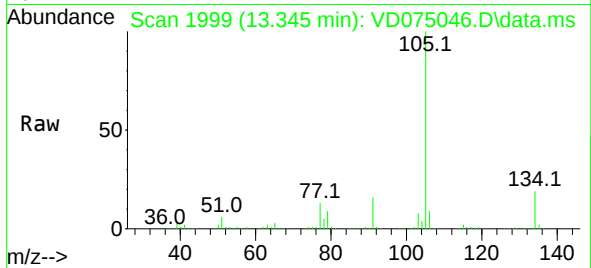




#85
 sec-Butylbenzene
 Concen: 143.445 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

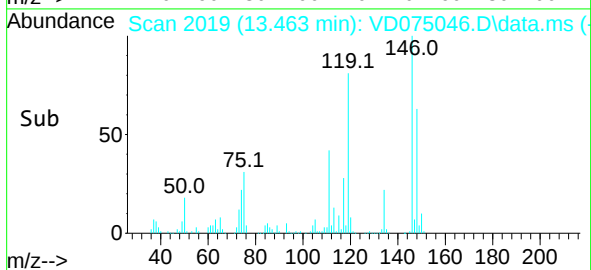
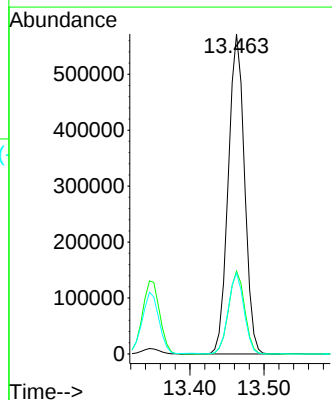
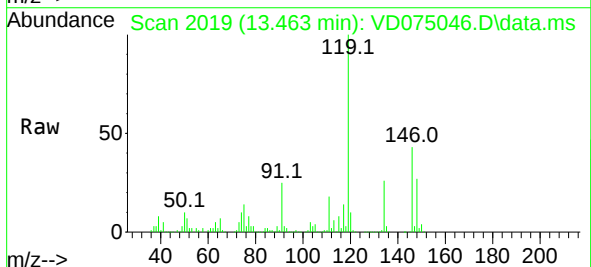
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

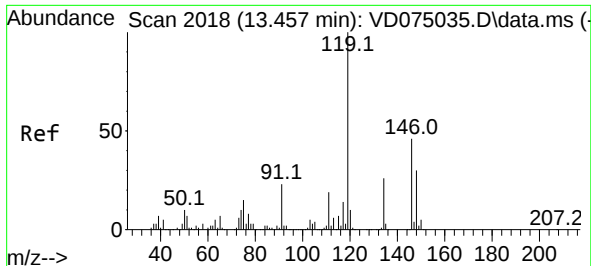
Tgt Ion:105 Resp: 1091407
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 143.178 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075046.D
 Acq: 22 Dec 2022 13:16

Tgt Ion:119 Resp: 869052
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 24.6 11.1 33.1

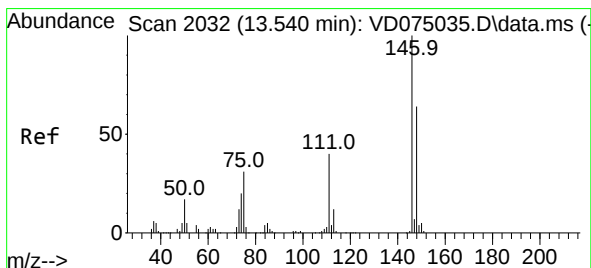
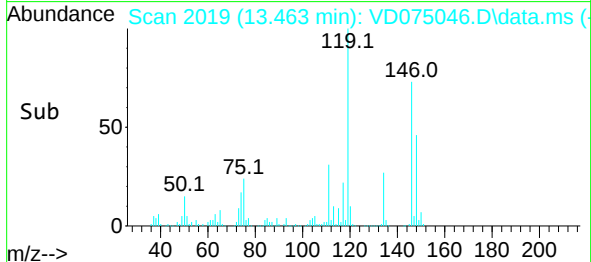
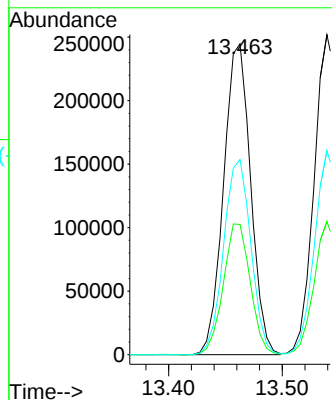
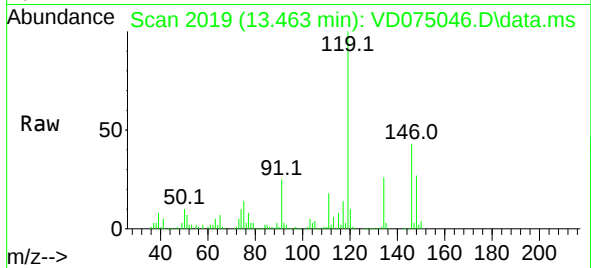




#87
1,3-Dichlorobenzene
Concen: 139.982 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

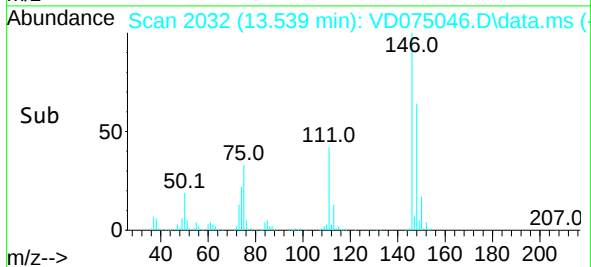
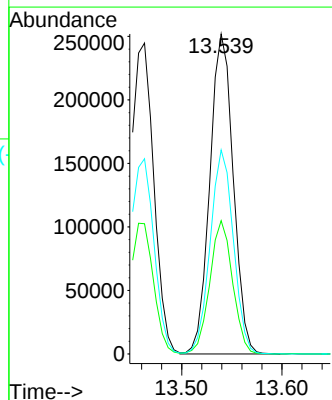
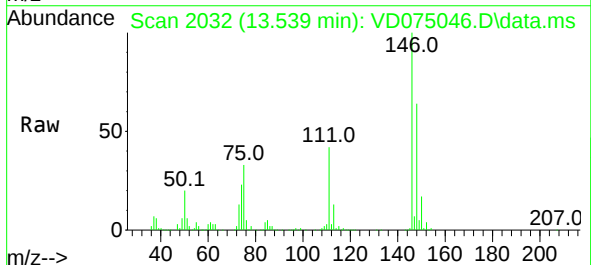
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

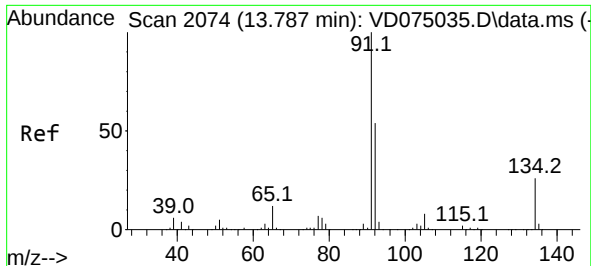
Tgt Ion:146 Resp: 405255
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.5
148 63.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 141.186 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion:146 Resp: 408291
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 63.3 32.0 96.2

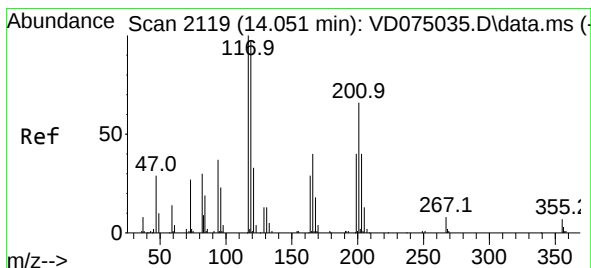
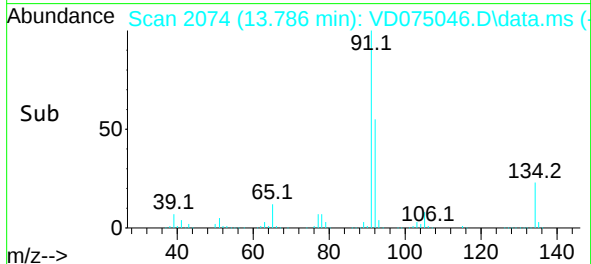
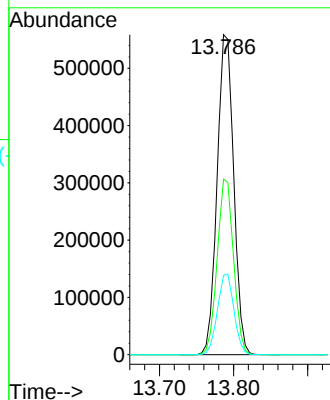
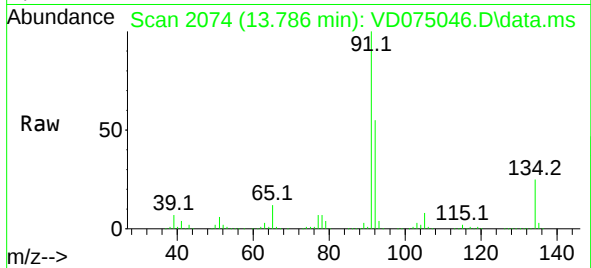




#89
n-Butylbenzene
Concen: 143.185 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

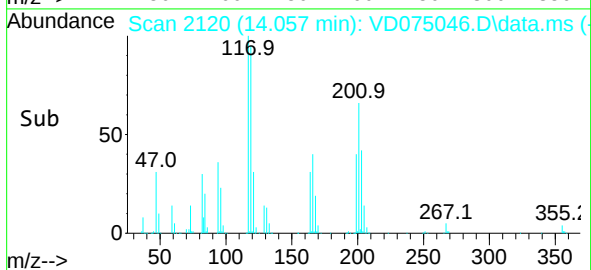
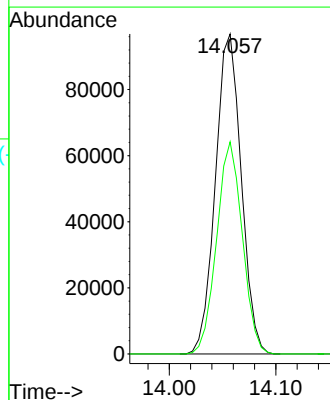
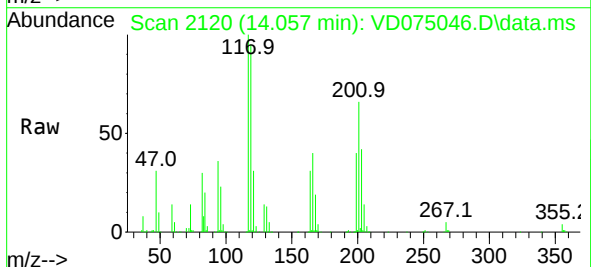
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

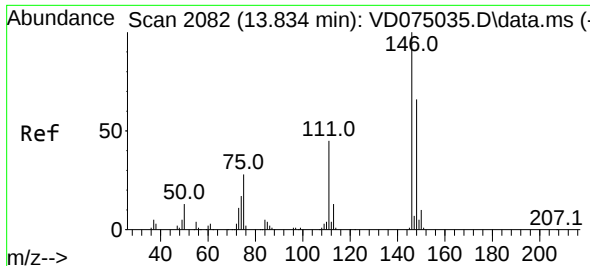
Tgt Ion: 91 Resp: 868031
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.1 13.3 39.8



#90
Hexachloroethane
Concen: 151.184 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 117 Resp: 163066
Ion Ratio Lower Upper
117 100
201 65.8 35.1 105.3

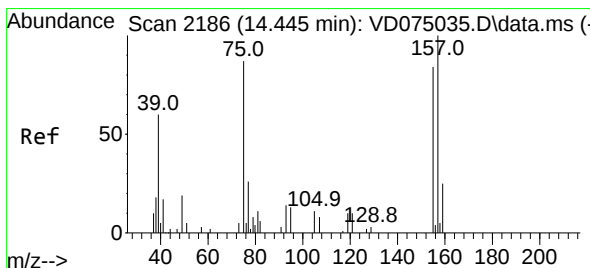
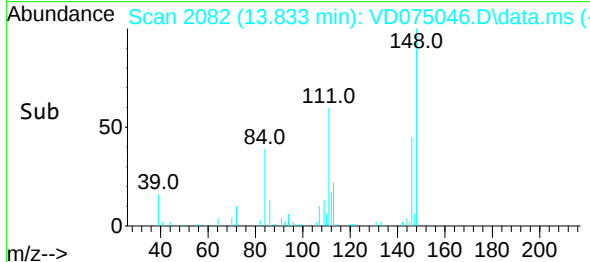
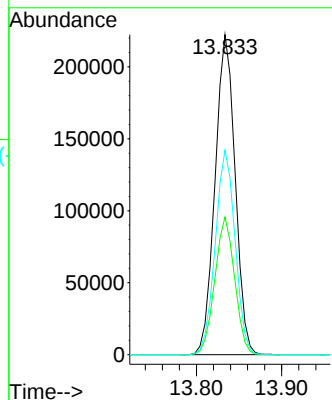
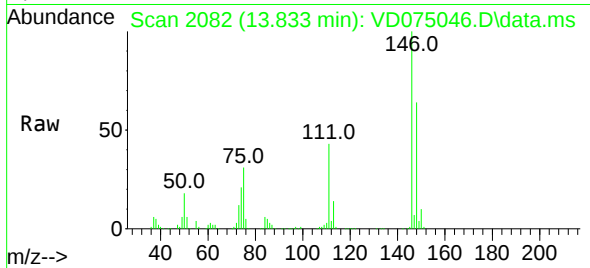




#91
1,2-Dichlorobenzene
Concen: 142.585 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

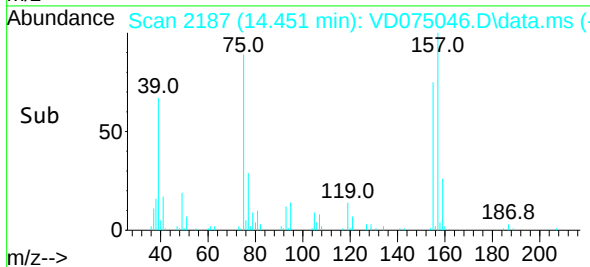
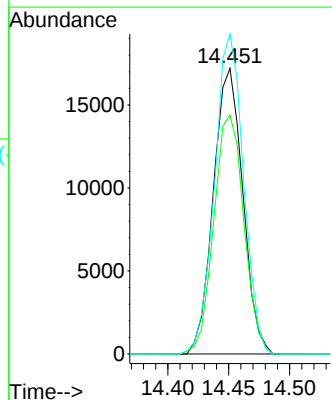
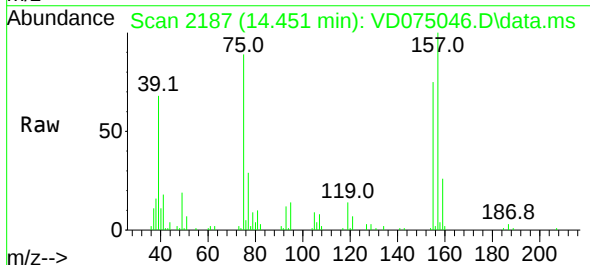
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

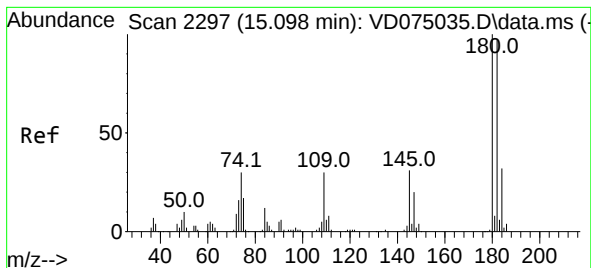
Tgt Ion:146 Resp: 364739
Ion Ratio Lower Upper
146 100
111 42.4 19.9 59.7
148 63.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 152.242 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075046.D
Acq: 22 Dec 2022 13:16

Tgt Ion: 75 Resp: 28957
Ion Ratio Lower Upper
75 100
155 85.3 47.1 141.4
157 110.0 56.7 170.1





#93

1,2,4-Trichlorobenzene

Concen: 146.587 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

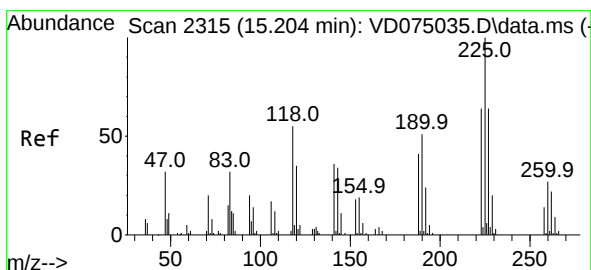
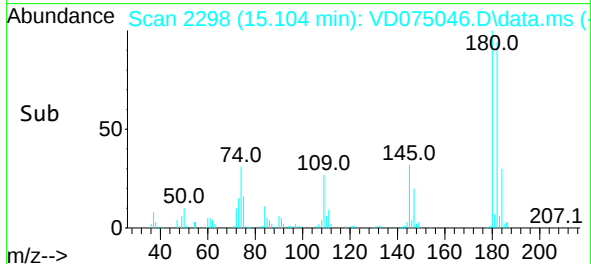
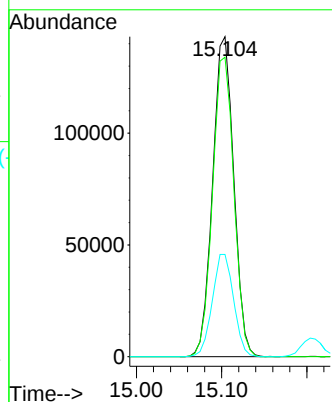
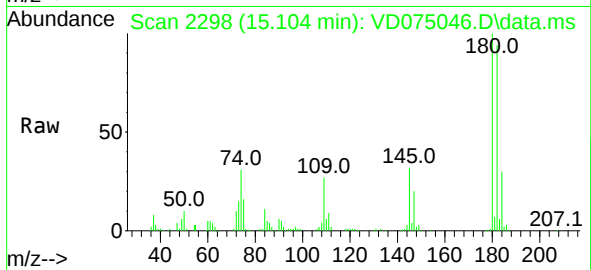
Tgt Ion:180 Resp: 246388

Ion Ratio Lower Upper

180 100

182 94.8 48.5 145.5

145 32.3 14.9 44.5



#94

Hexachlorobutadiene

Concen: 146.772 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

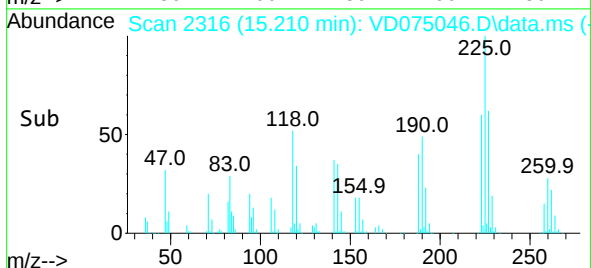
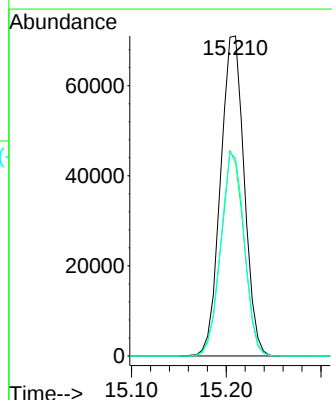
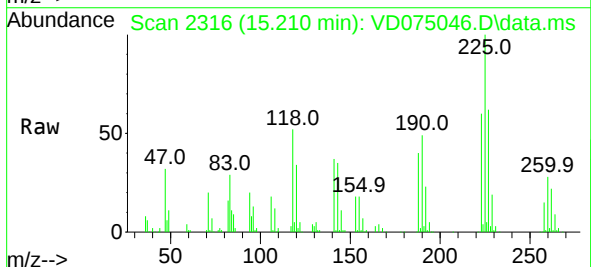
Tgt Ion:225 Resp: 123327

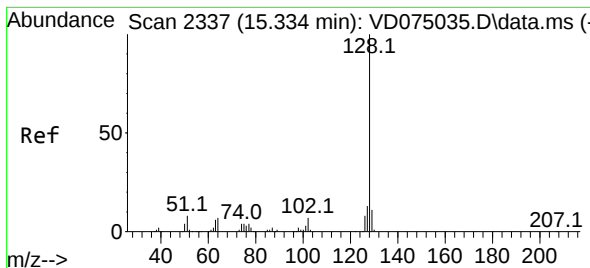
Ion Ratio Lower Upper

225 100

223 62.4 31.0 93.0

227 63.3 31.0 93.0





#95

Naphthalene

Concen: 147.869 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

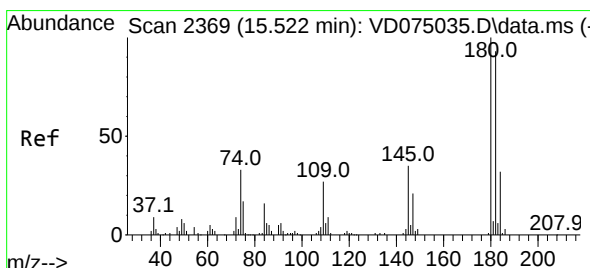
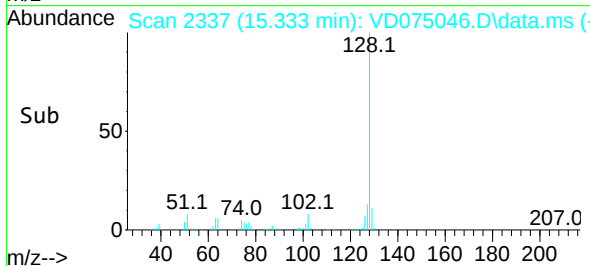
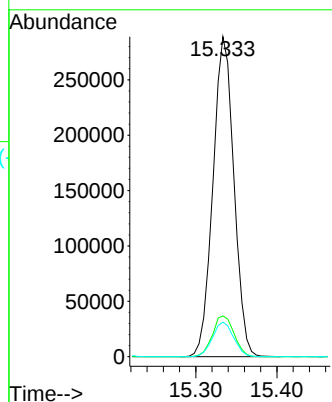
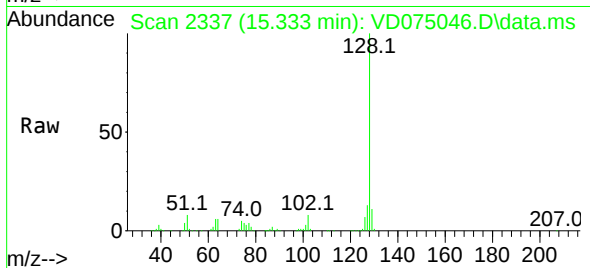
Tgt Ion:128 Resp: 518764

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: 150.028 ug/l

RT: 15.527 min Scan# 2370

Delta R.T. 0.005 min

Lab File: VD075046.D

Acq: 22 Dec 2022 13:16

Tgt Ion:180 Resp: 216422

Ion Ratio Lower Upper

180 100

182 94.1 46.3 138.9

145 32.9 15.3 45.9

