

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076323.D
 Acq On : 05 Jun 2023 13:21
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 06 02:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19597	10.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.420%#
35) Dibromofluoromethane	7.805	113	22809	10.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.400%#
50) Toluene-d8	10.269	98	89829	10.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.180%#
62) 4-Bromofluorobenzene	12.575	95	23866	10.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.260%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22105	11.172	ug/l	96
3) Chloromethane	2.146	50	42414	11.156	ug/l	97
4) Vinyl Chloride	2.281	62	55549	11.133	ug/l	99
5) Bromomethane	2.687	94	36169	11.172	ug/l	99
6) Chloroethane	2.834	64	37389	11.182	ug/l	98
7) Trichlorofluoromethane	3.169	101	36323	10.964	ug/l	99
8) Diethyl Ether	3.599	74	10629	9.835	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	22532	10.633	ug/l	97
10) Methyl Iodide	4.158	142	29386	9.964	ug/l	99
11) Tert butyl alcohol	5.063	59	5474	53.505	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	23397	10.400	ug/l	96
13) Acrolein	3.793	56	11624	52.223	ug/l	94
14) Allyl chloride	4.552	41	23046	10.426	ug/l	97
15) Acrylonitrile	5.258	53	21988	50.951	ug/l	98
16) Acetone	4.028	43	17404	51.906	ug/l	90
17) Carbon Disulfide	4.269	76	81641	10.880	ug/l	96
18) Methyl Acetate	4.564	43	14741	10.367	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	39470	9.523	ug/l	99
20) Methylene Chloride	4.799	84	39393	10.543	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	25876	9.926	ug/l	95
22) Diisopropyl ether	6.216	45	48888	9.945	ug/l	95
23) Vinyl Acetate	6.158	43	106825	57.139	ug/l	97
24) 1,1-Dichloroethane	6.110	63	43279	10.780	ug/l	96
25) 2-Butanone	7.087	43	23329	50.247	ug/l	98
26) 2,2-Dichloropropane	7.075	77	36650	11.024	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	29303	10.406	ug/l	98
28) Bromochloromethane	7.422	49	12162	9.873	ug/l	98
29) Tetrahydrofuran	7.440	42	12945	47.259	ug/l	98
30) Chloroform	7.599	83	45432	10.782	ug/l	86
31) Cyclohexane	7.875	56	32597	10.606	ug/l #	94
32) 1,1,1-Trichloroethane	7.787	97	35799	10.669	ug/l	100
36) 1,1-Dichloropropene	8.005	75	32883	10.231	ug/l	98
37) Ethyl Acetate	7.169	43	9588	9.042	ug/l #	90
38) Carbon Tetrachloride	7.987	117	28338	10.058	ug/l	91
39) Methylcyclohexane	9.275	83	33960	9.248	ug/l	93
40) Benzene	8.246	78	105669	10.393	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	5408	10.010	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	23606	10.053	ug/l	99
43) Isopropyl Acetate	8.363	43	18211	9.583	ug/l #	88
44) Trichloroethene	9.028	130	29003	10.202	ug/l	97
45) 1,2-Dichloropropane	9.304	63	24036	10.073	ug/l	95
46) Dibromomethane	9.393	93	13599	10.068	ug/l	97
47) Bromodichloromethane	9.587	83	31992	10.104	ug/l	93
48) Methyl methacrylate	9.381	41	7308	8.489	ug/l #	90
49) 1,4-Dioxane	9.387	88	2733	184.614	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	46580	46.501	ug/l	99
52) Toluene	10.334	92	60489	9.675	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	29528	10.048	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	35923	9.892	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	19952	10.433	ug/l	92
56) Ethyl methacrylate	10.598	69	17639	9.043	ug/l	98
57) 1,3-Dichloropropane	10.875	76	29993	9.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	36651	44.752	ug/l	99
59) 2-Hexanone	10.922	43	30624	44.559	ug/l	97
60) Dibromochloromethane	11.075	129	22043	10.168	ug/l	98
61) 1,2-Dibromoethane	11.181	107	17451	10.028	ug/l	96
64) Tetrachloroethene	10.810	164	24372	10.481	ug/l	98
65) Chlorobenzene	11.610	112	71836	10.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	23974	10.265	ug/l	96
67) Ethyl Benzene	11.687	91	104856	9.354	ug/l	97
68) m/p-Xylenes	11.793	106	88282	19.051	ug/l	97
69) o-Xylene	12.122	106	39924	9.556	ug/l	97
70) Styrene	12.134	104	68438	9.552	ug/l	98
71) Bromoform	12.298	173	12376	9.822	ug/l #	96
73) Isopropylbenzene	12.422	105	95872	9.220	ug/l	99
74) N-amyl acetate	12.234	43	15908	8.921	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	21054	10.114	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	24203	15.369	ug/l #	100
77) Bromobenzene	12.704	156	27797	10.167	ug/l	97
78) n-propylbenzene	12.763	91	119583	9.302	ug/l	99
79) 2-Chlorotoluene	12.851	91	66363	9.463	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	82703	9.645	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	6100	9.636	ug/l	98
82) 4-Chlorotoluene	12.945	91	72434	9.701	ug/l	99
83) tert-Butylbenzene	13.169	119	66221	9.210	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	79454	9.278	ug/l	98
85) sec-Butylbenzene	13.345	105	105168	9.509	ug/l	96
86) p-Isopropyltoluene	13.463	119	84634	9.232	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	56438	10.240	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	56872	10.191	ug/l	96
89) n-Butylbenzene	13.787	91	79480	9.328	ug/l	98
90) Hexachloroethane	14.057	117	19429	10.556	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	48506	10.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2675	9.728	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	26268	9.445	ug/l	97
94) Hexachlorobutadiene	15.204	225	12962	9.532	ug/l	97
95) Naphthalene	15.334	128	44759	10.498	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	21640	8.798	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:19:25 2023
Response via : Initial Calibration

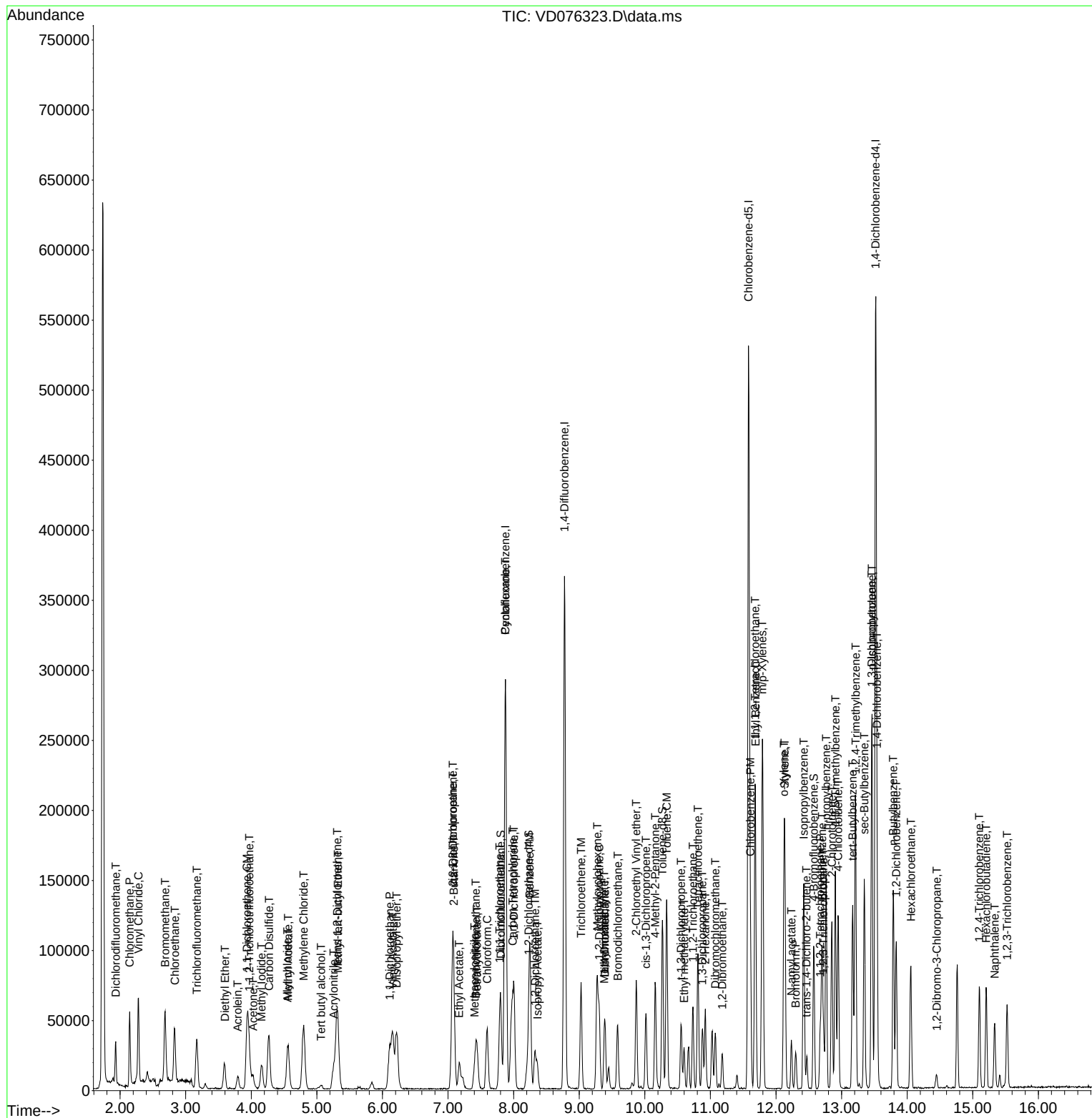
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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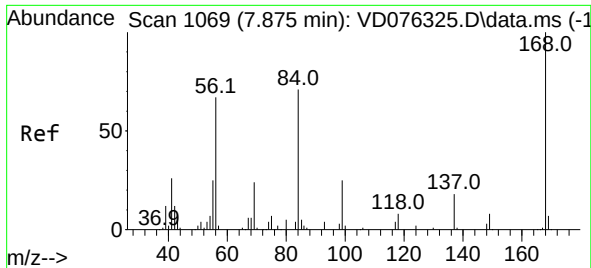
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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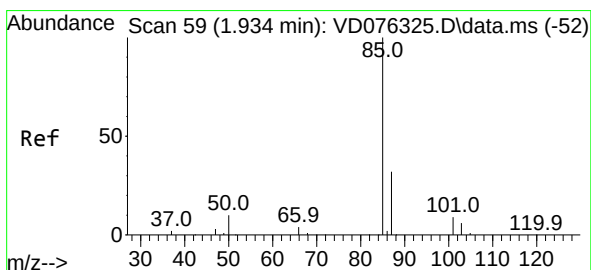
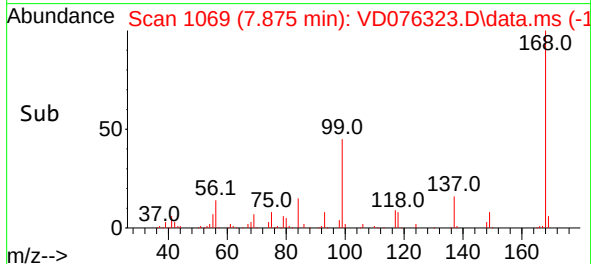
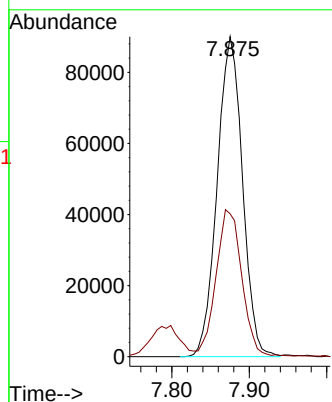
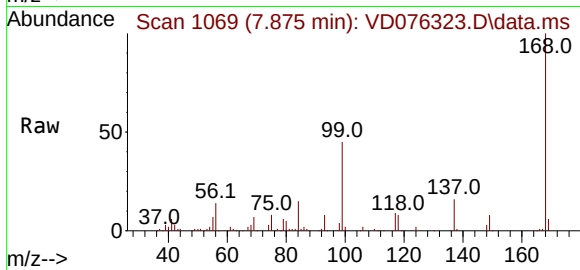




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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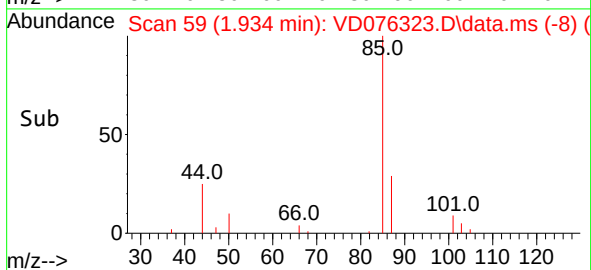
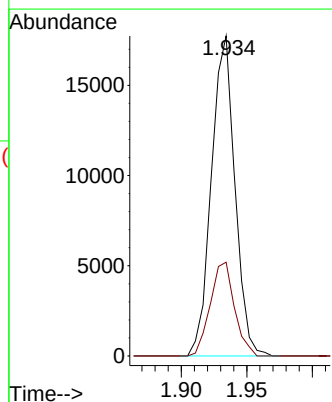
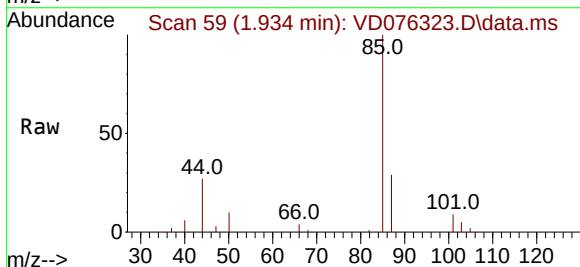
Instrument :
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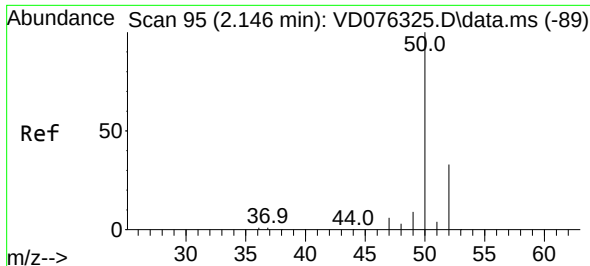
Tgt Ion:168 Resp: 204308
Ion Ratio Lower Upper
168 100
99 44.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 11.172 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 85 Resp: 22105
Ion Ratio Lower Upper
85 100
87 29.3 15.7 47.0

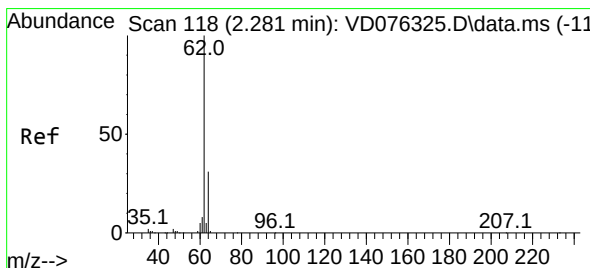
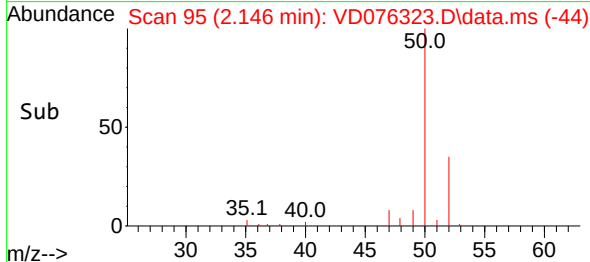
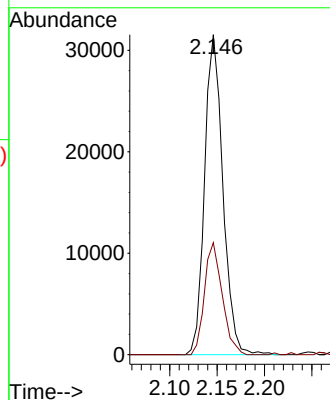
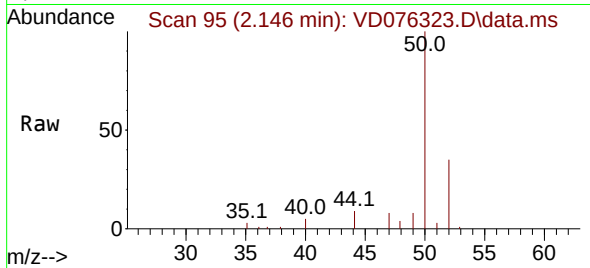




#3
Chloromethane
Concen: 11.156 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

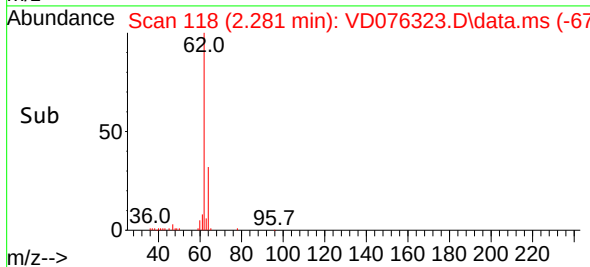
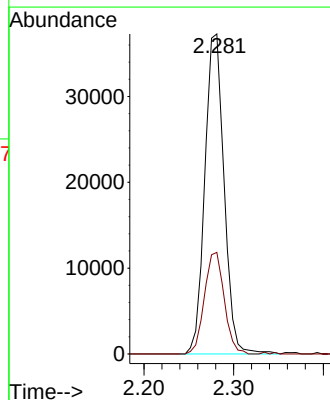
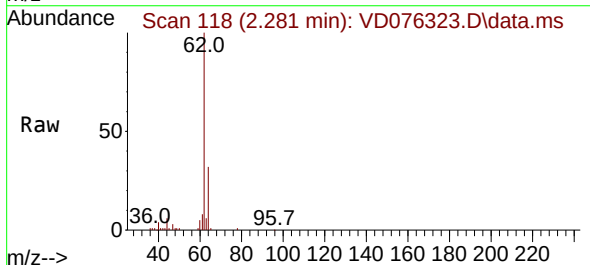
Instrument :
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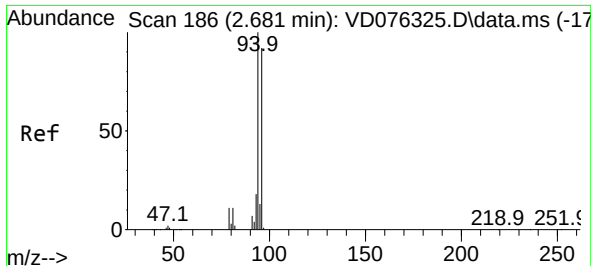
Tgt Ion: 50 Resp: 42414
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 11.133 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 62 Resp: 55549
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

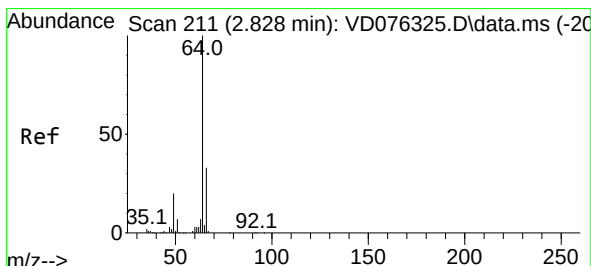
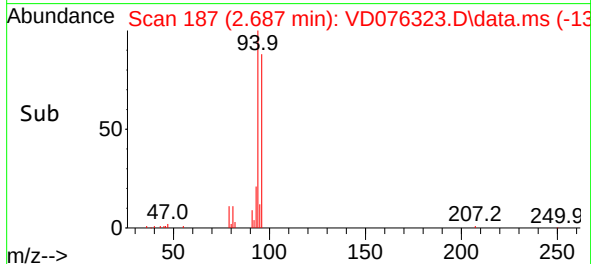
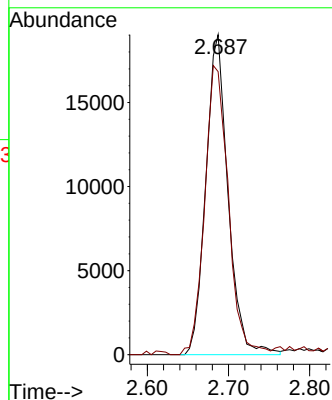
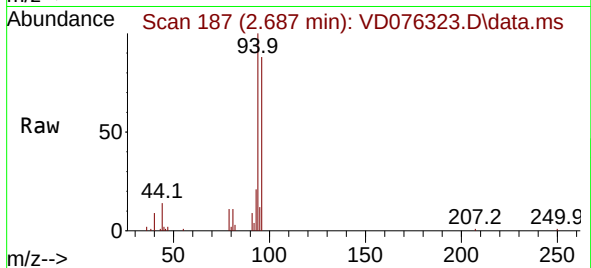




#5
Bromomethane
Concen: 11.172 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

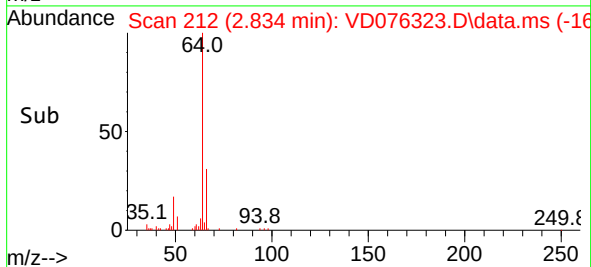
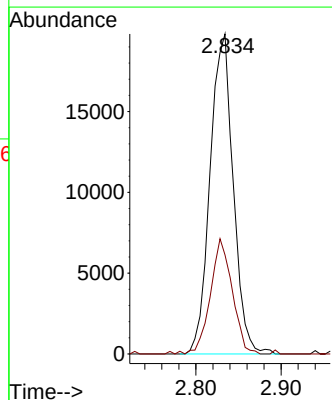
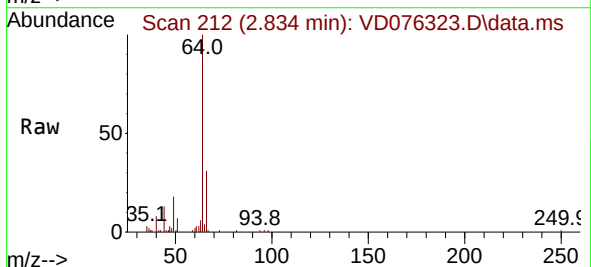
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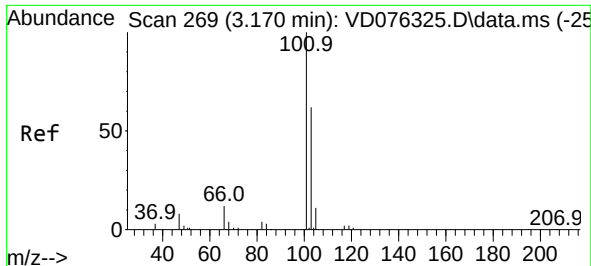
Tgt Ion: 94 Resp: 36169
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8



#6
Chloroethane
Concen: 11.182 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 64 Resp: 37389
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3

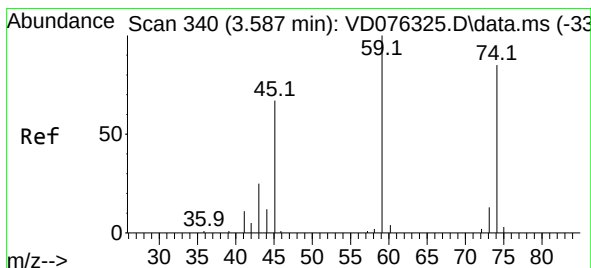
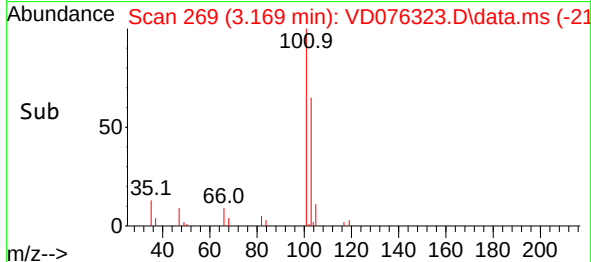
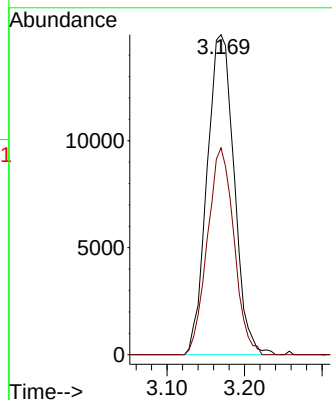
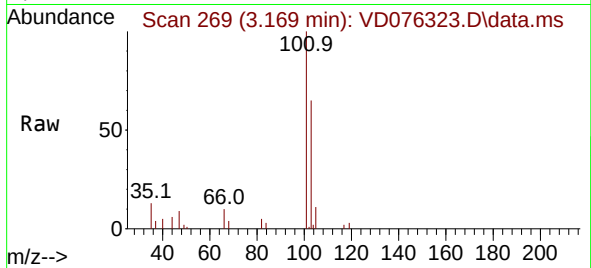




#7
 Trichlorofluoromethane
 Concen: 10.964 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD076323.D
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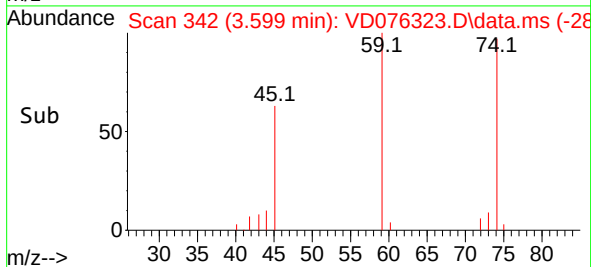
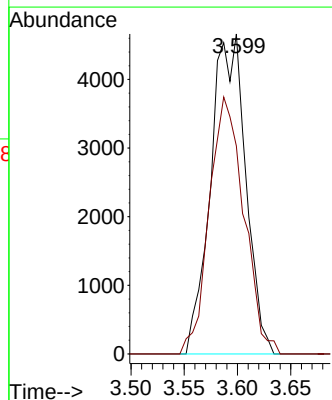
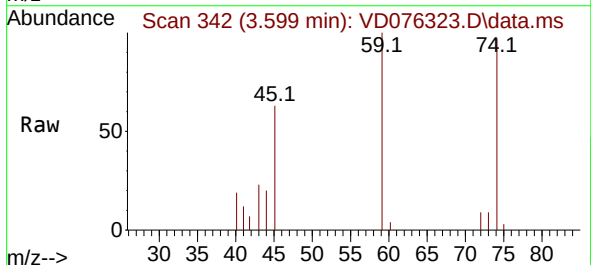
Instrument :
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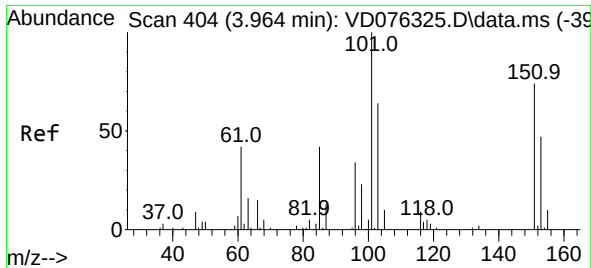
Tgt Ion:101 Resp: 36323
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 9.835 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VD076323.D
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Tgt Ion: 74 Resp: 10629
 Ion Ratio Lower Upper
 74 100
 45 79.6 37.5 112.7

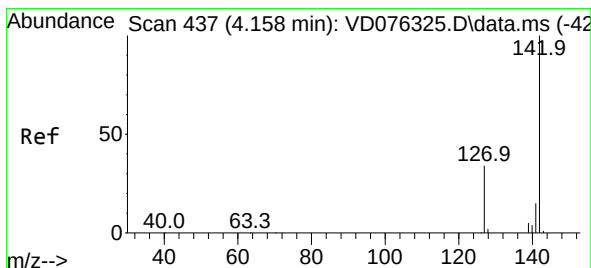
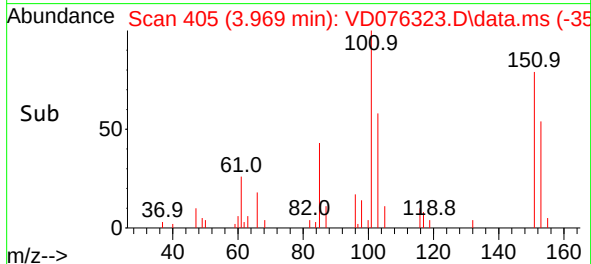
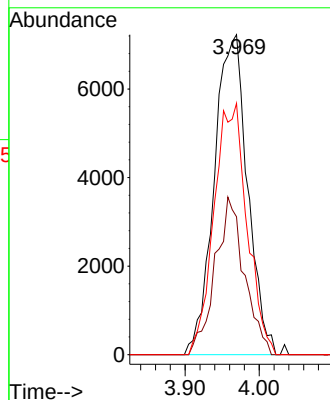
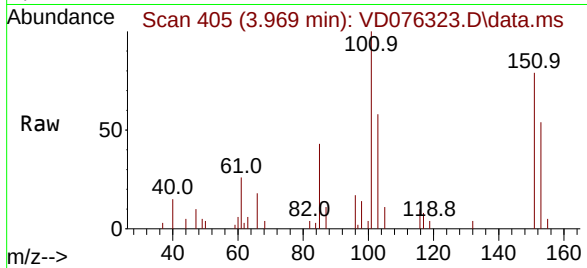




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.633 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

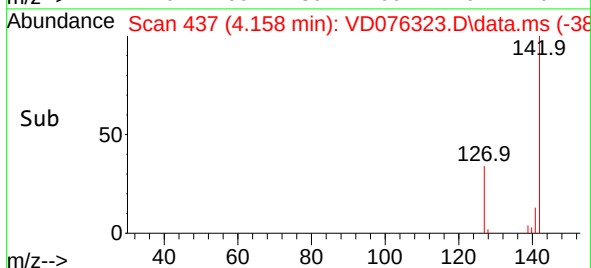
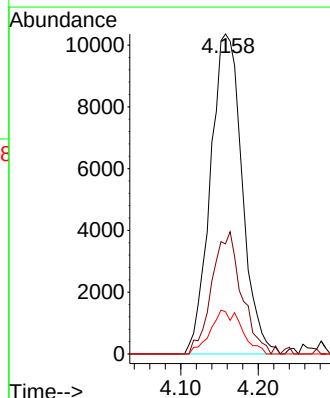
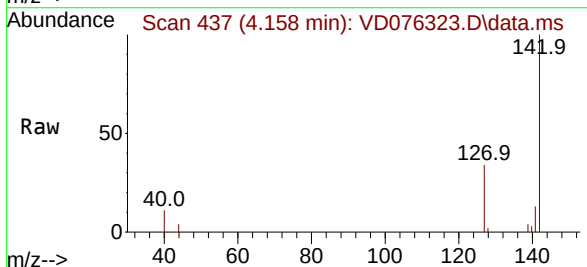
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

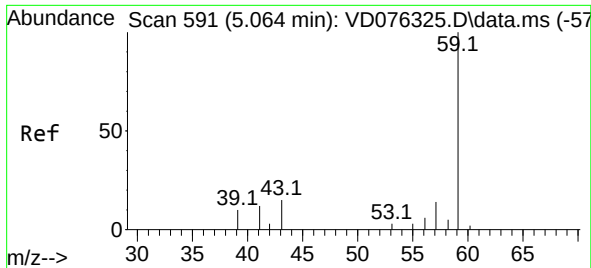
Tgt Ion:	101	Resp:	22532
Ion	Ratio	Lower	Upper
101	100		
85	43.3	33.8	50.6
151	77.9	59.8	89.6



#10
Methyl Iodide
Concen: 9.964 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:	142	Resp:	29386
Ion	Ratio	Lower	Upper
142	100		
127	35.8	29.4	44.0
141	13.6	11.1	16.7

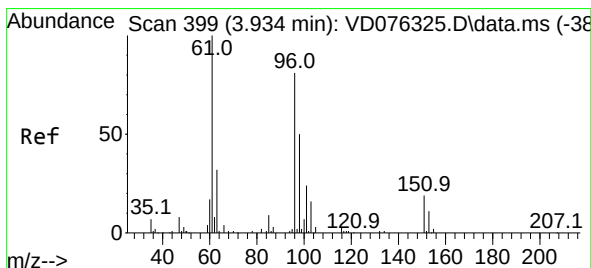
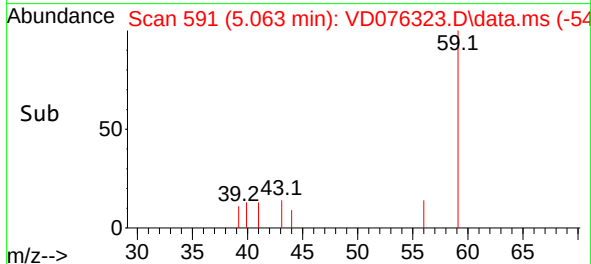
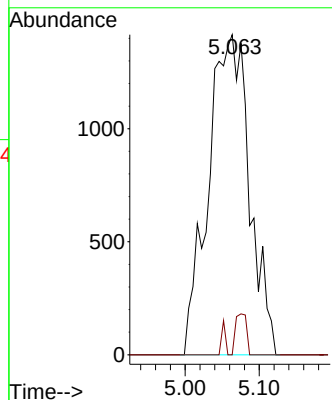
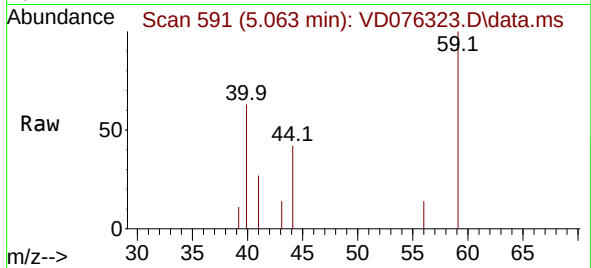




#11
Tert butyl alcohol
Concen: 53.505 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

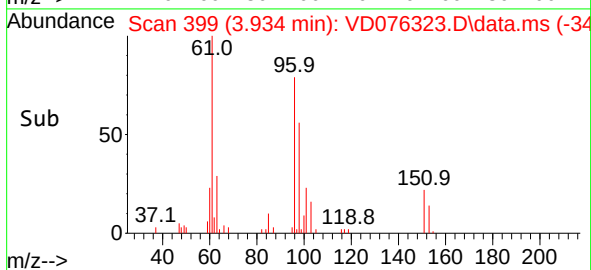
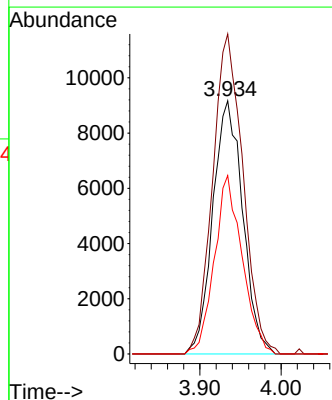
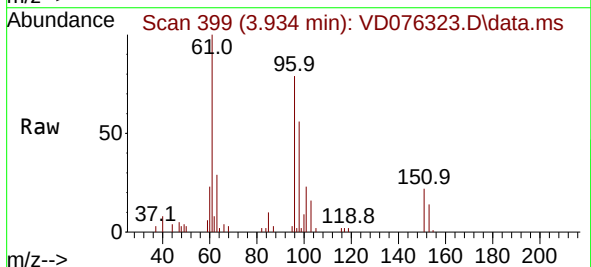
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

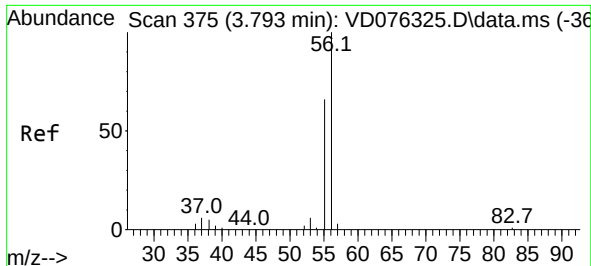
Tgt Ion: 59 Resp: 5474
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 10.400 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 96 Resp: 23397
Ion Ratio Lower Upper
96 100
61 126.4 100.6 150.8
98 70.5 50.2 75.2

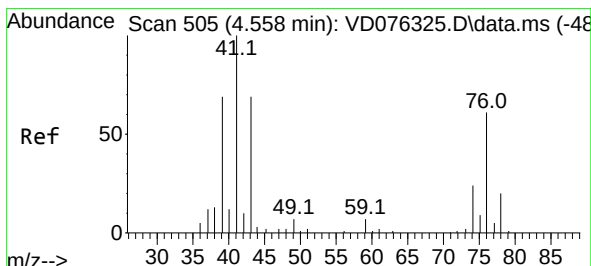
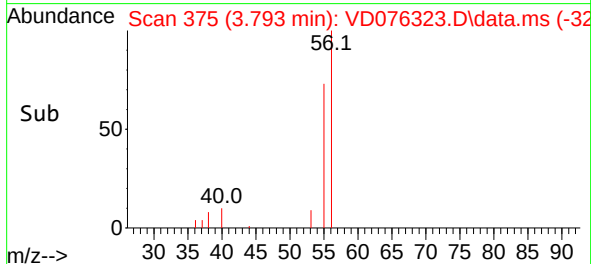
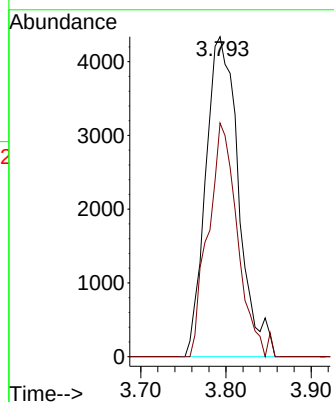
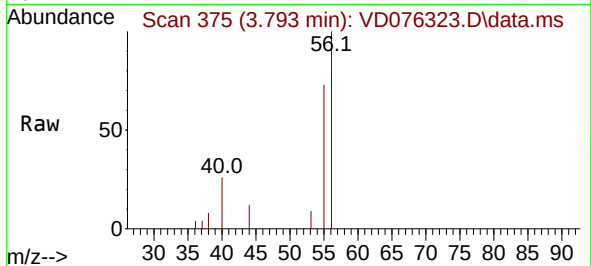




#13
Acrolein
Concen: 52.223 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

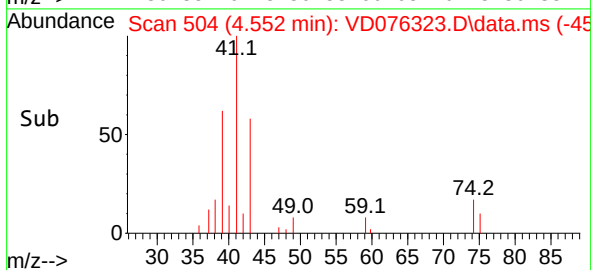
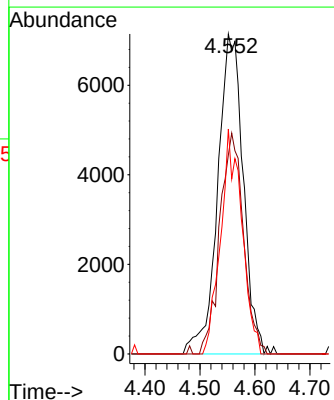
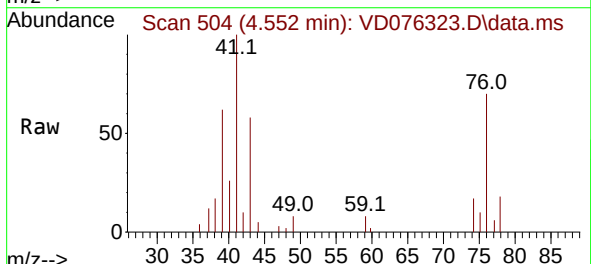
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

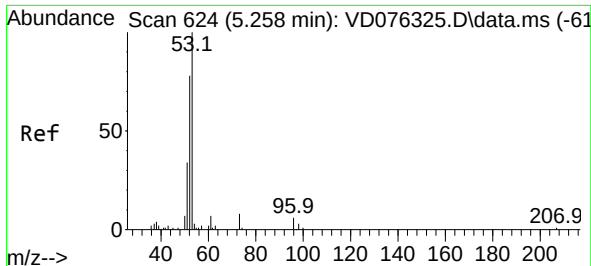
Tgt Ion: 56 Resp: 11624
Ion Ratio Lower Upper
56 100
55 64.3 55.1 82.7



#14
Allyl chloride
Concen: 10.426 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 41 Resp: 23046
Ion Ratio Lower Upper
41 100
39 63.9 53.8 80.6
76 58.5 45.8 68.8

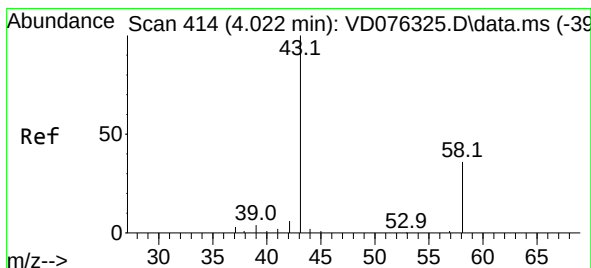
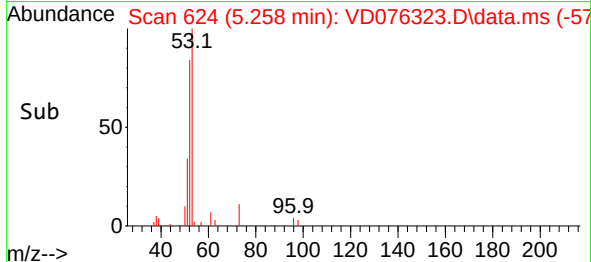
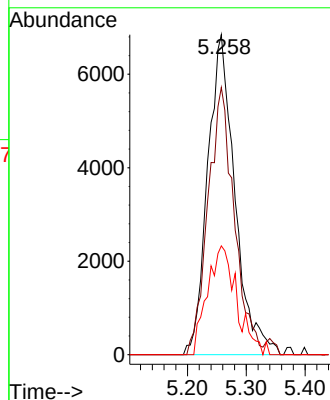
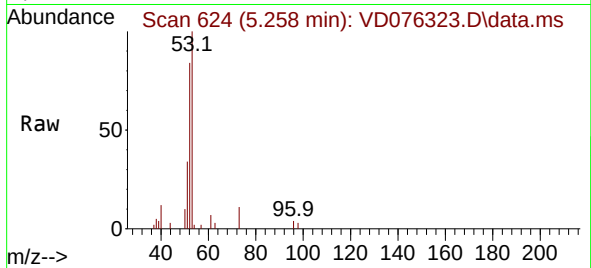




#15
Acrylonitrile
Concen: 50.951 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

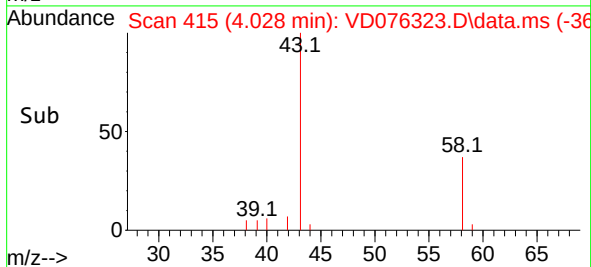
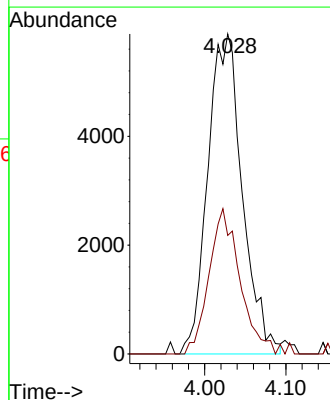
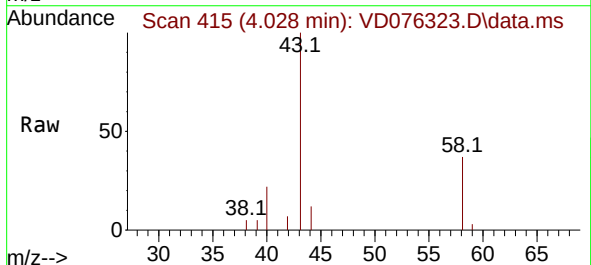
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

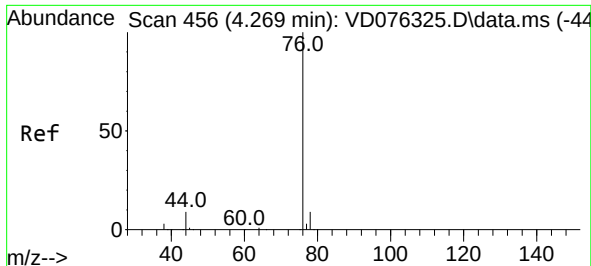
Tgt Ion: 53	Resp: 21988
Ion Ratio	Lower Upper
53 100	
52 80.5	65.0 97.4
51 32.7	28.3 42.5



#16
Acetone
Concen: 51.906 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 43	Resp: 17404
Ion Ratio	Lower Upper
43 100	
58 37.1	34.7 52.1

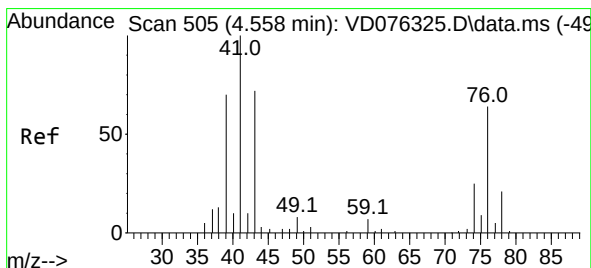
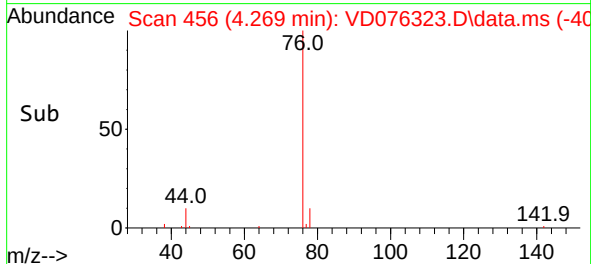
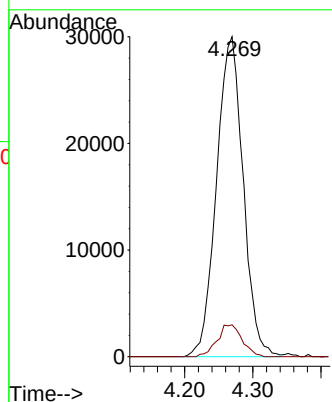
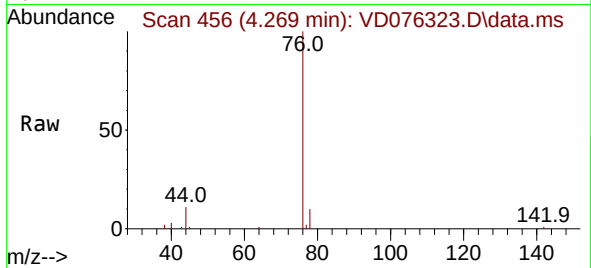




#17
Carbon Disulfide
Concen: 10.880 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

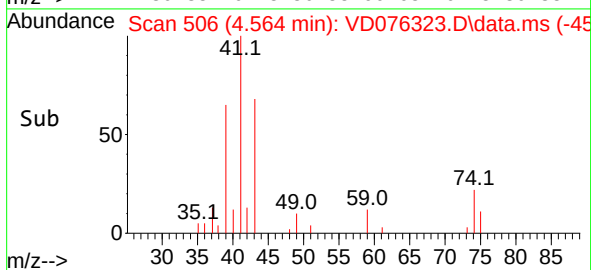
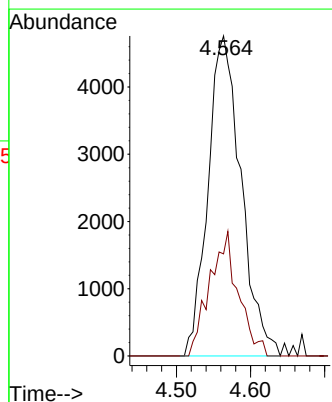
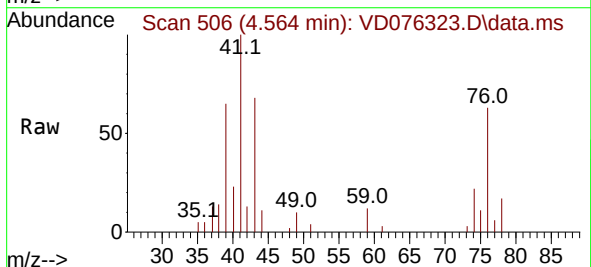
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

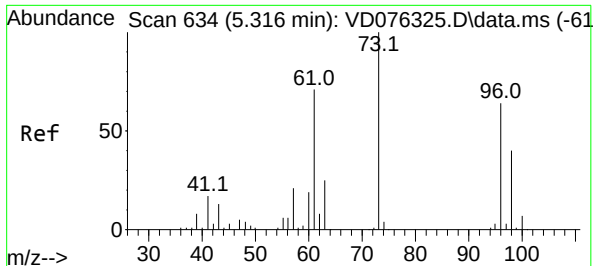
Tgt Ion: 76 Resp: 81641
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 10.367 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 43 Resp: 14741
Ion Ratio Lower Upper
43 100
74 33.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 9.523 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

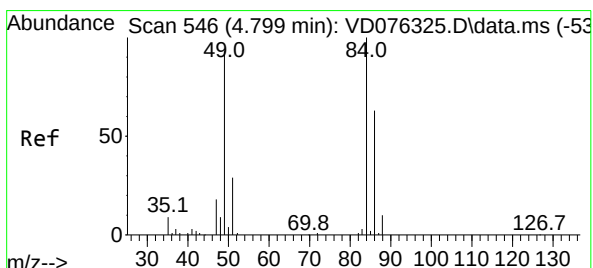
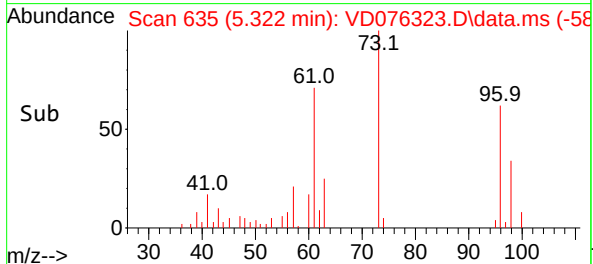
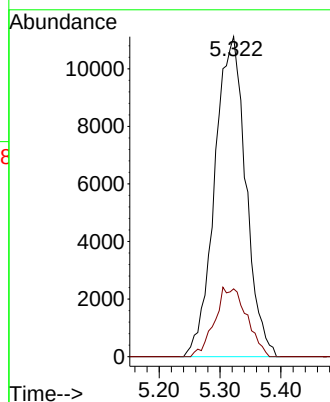
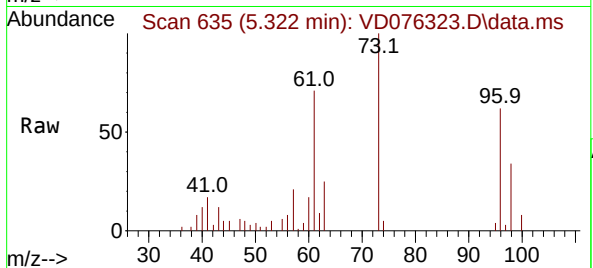
VSTDIC010

Tgt Ion: 73 Resp: 39470

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 10.543 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Tgt Ion: 84 Resp: 39393

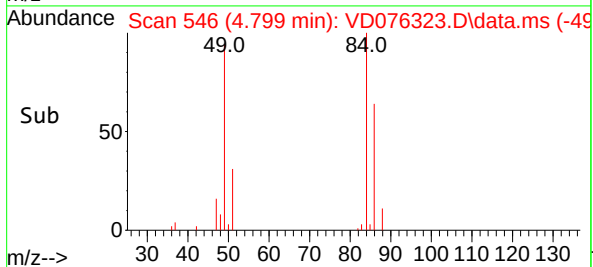
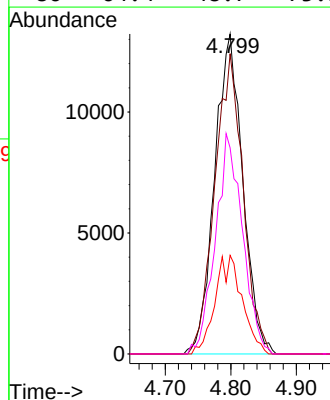
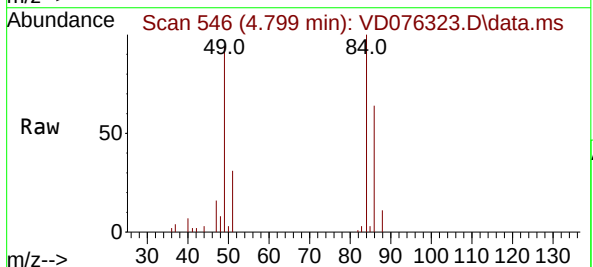
Ion Ratio Lower Upper

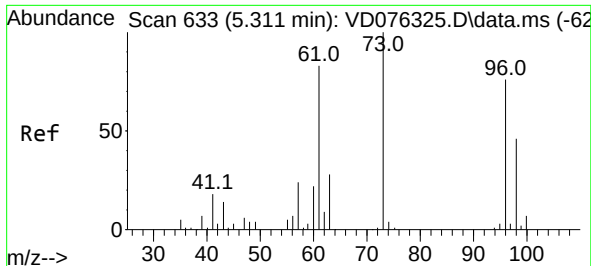
84 100

49 93.9 71.4 107.2

51 30.8 24.5 36.7

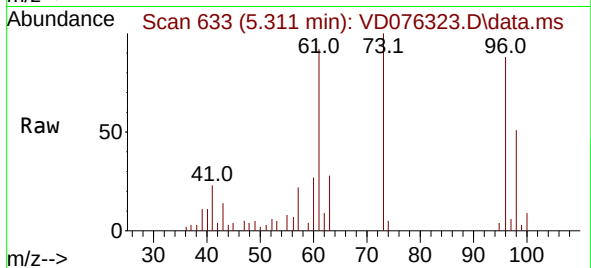
86 64.4 48.7 73.1



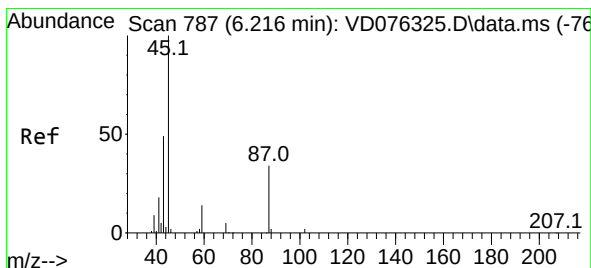
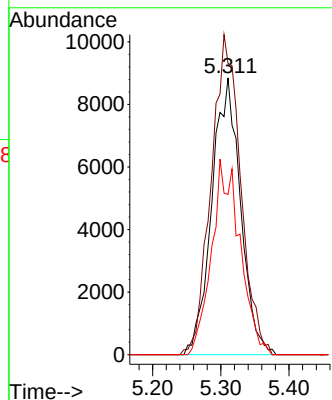
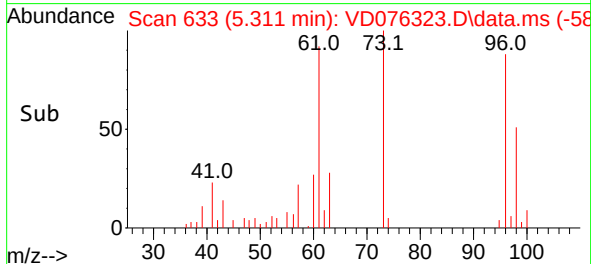


#21
trans-1,2-Dichloroethene
Concen: 9.926 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

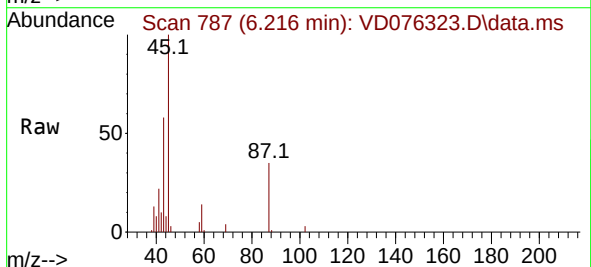
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



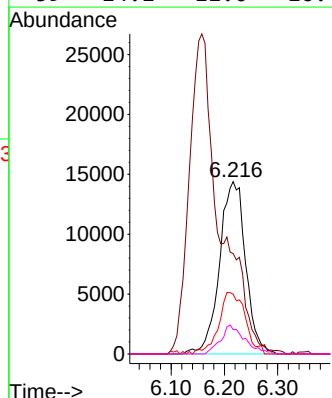
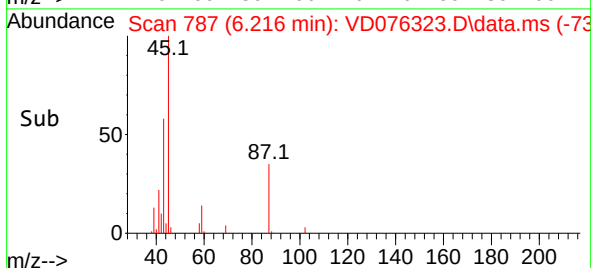
Tgt Ion: 96	Resp: 25876
Ion Ratio	Lower Upper
96 100	
61 105.2	89.3 133.9
98 57.9	48.6 73.0

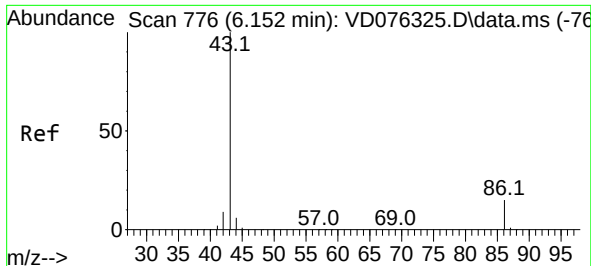


#22
Diisopropyl ether
Concen: 9.945 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21



Tgt	Ion: 45	Resp:	48888
Ion	Ratio	Lower	Upper
45	100		
43	56.6	40.0	60.0
87	34.6	28.2	42.4
59	14.1	11.0	16.4

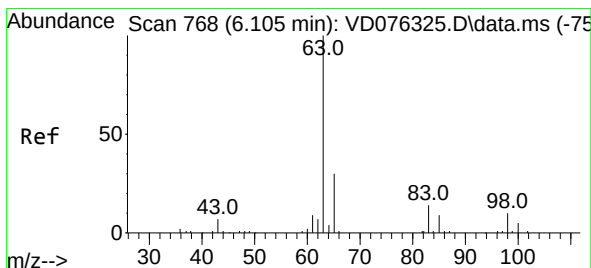
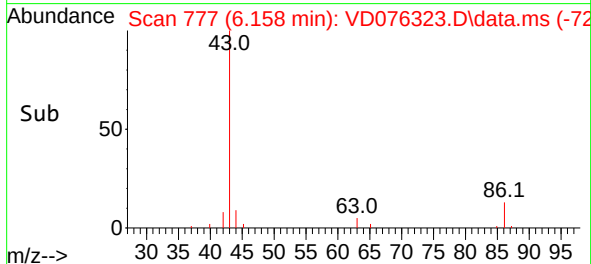
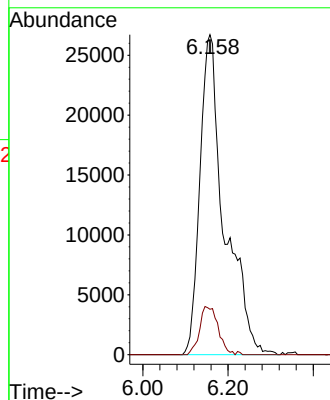
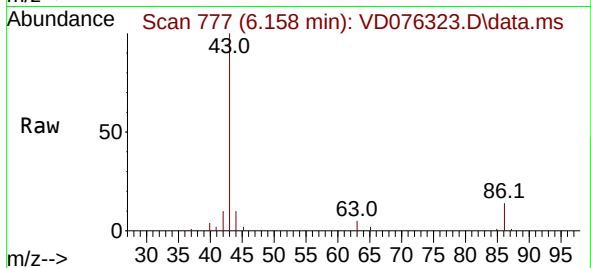




#23
 Vinyl Acetate
 Concen: 57.139 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

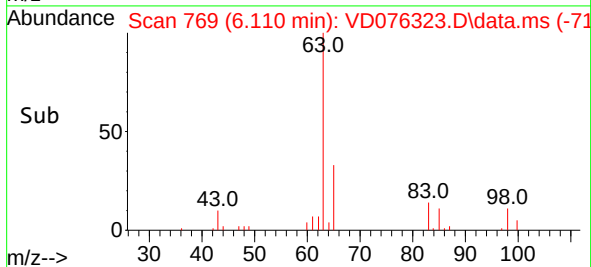
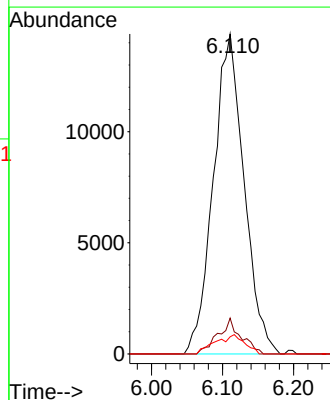
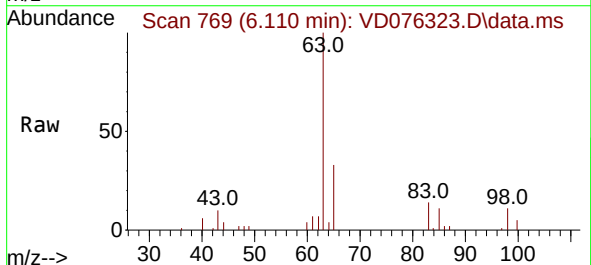
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

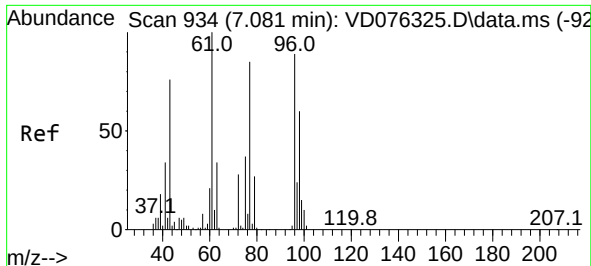
Tgt Ion: 43 Resp: 106825
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 10.780 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

Tgt Ion: 63 Resp: 43279
 Ion Ratio Lower Upper
 63 100
 98 11.2 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 50.247 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

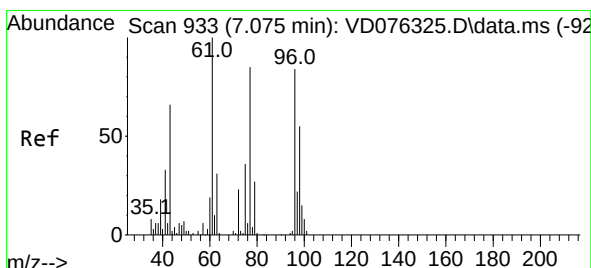
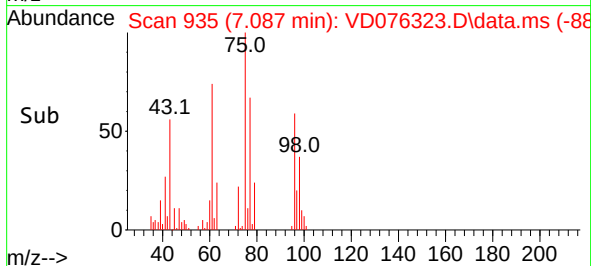
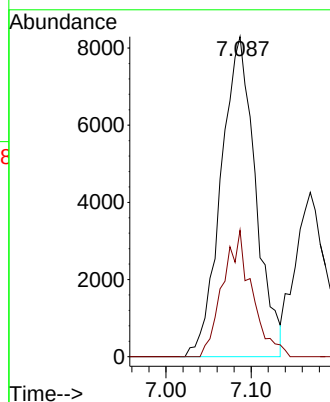
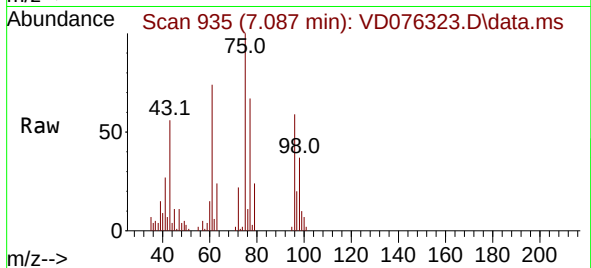
VSTDIC010

Tgt Ion: 43 Resp: 23329

Ion Ratio Lower Upper

43 100

72 39.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 11.024 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076323.D

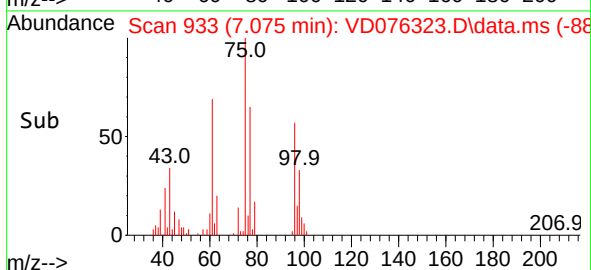
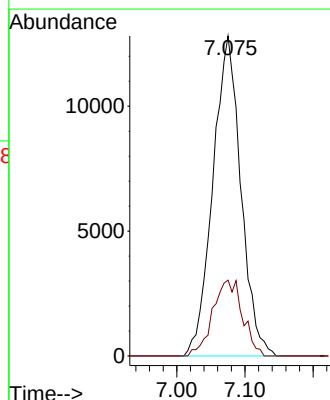
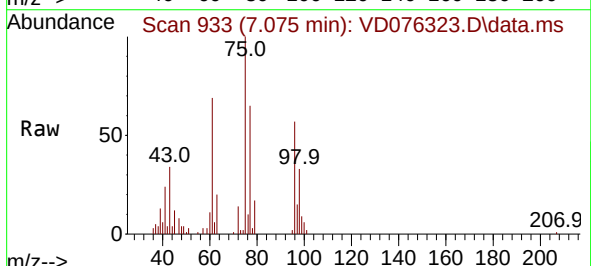
Acq: 05 Jun 2023 13:21

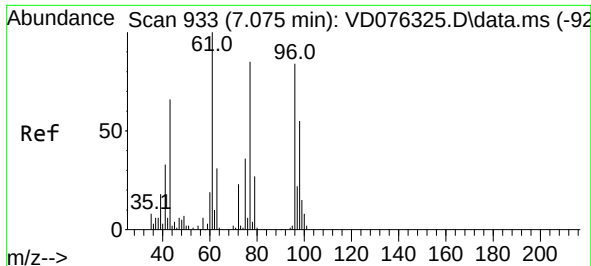
Tgt Ion: 77 Resp: 36650

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 10.406 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

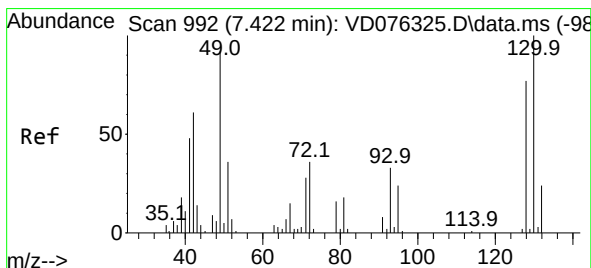
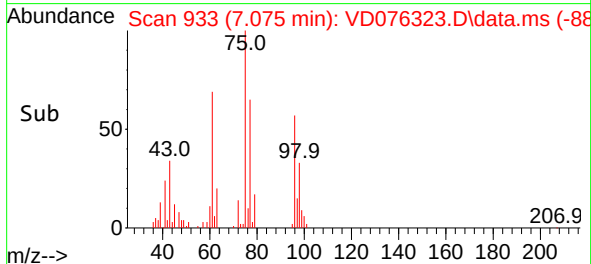
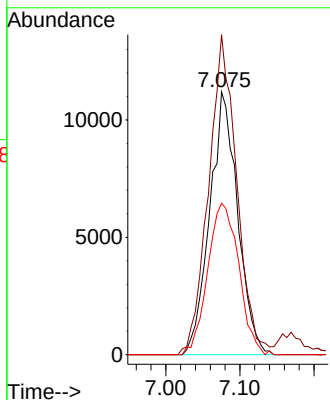
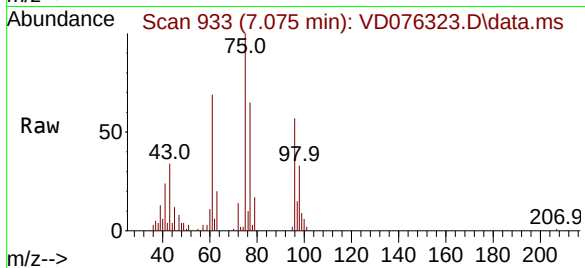
Tgt Ion: 96 Resp: 29303

Ion Ratio Lower Upper

96 100

61 122.7 0.0 239.2

98 64.1 0.0 128.6



#28

Bromochloromethane

Concen: 9.873 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

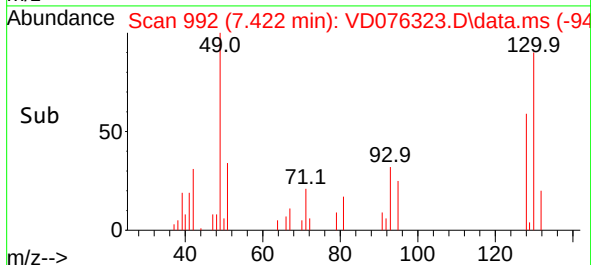
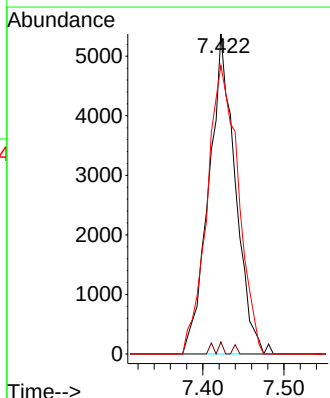
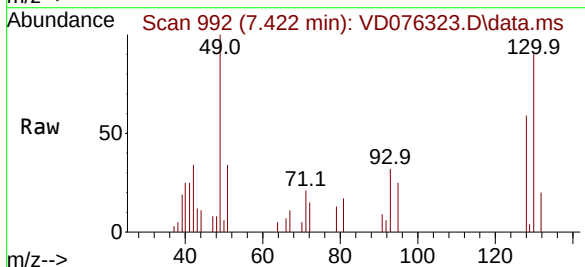
Tgt Ion: 49 Resp: 12162

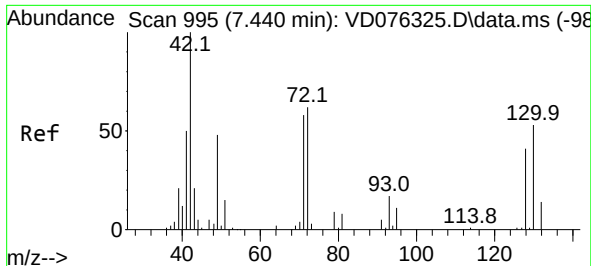
Ion Ratio Lower Upper

49 100

129 1.1 0.0 6.0

130 106.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 47.259 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

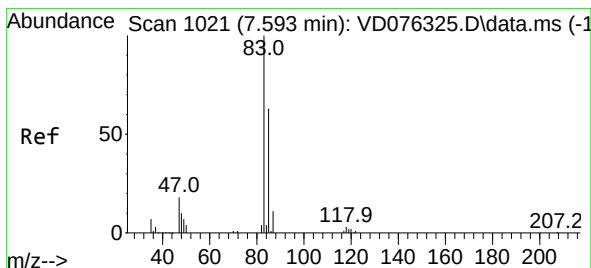
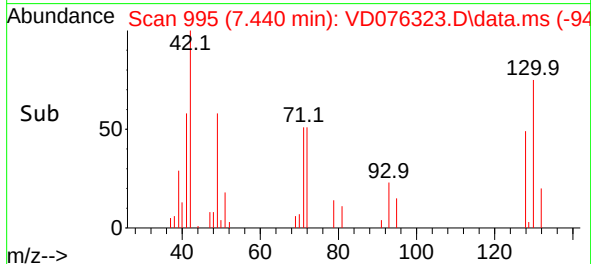
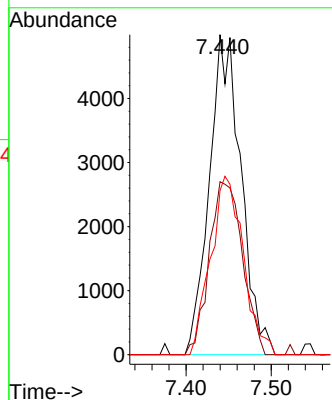
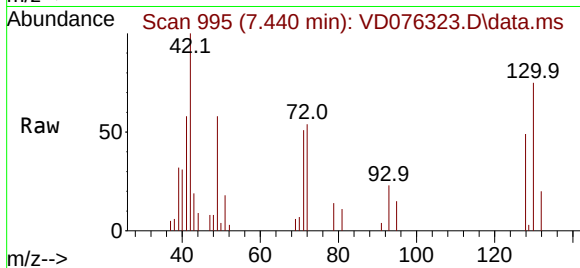
Tgt Ion: 42 Resp: 12945

Ion Ratio Lower Upper

42 100

72 56.8 46.5 69.7

71 57.4 44.5 66.7



#30

Chloroform

Concen: 10.782 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076323.D

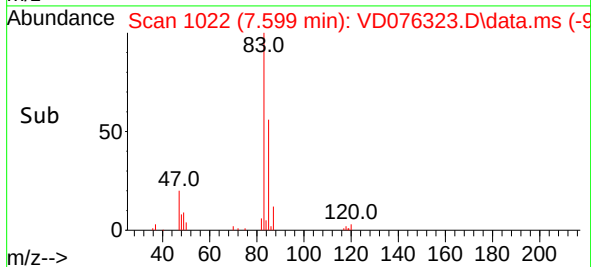
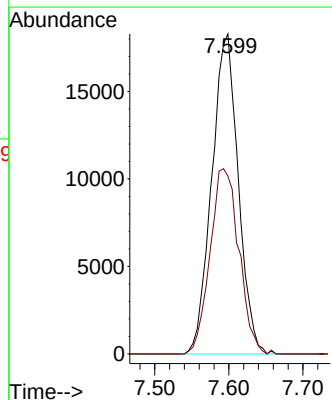
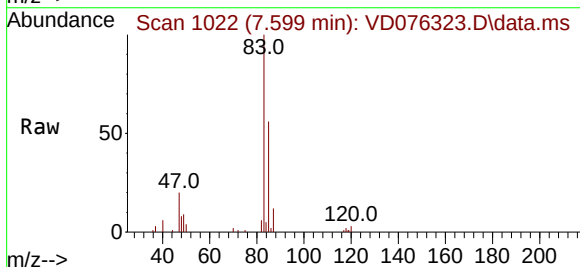
Acq: 05 Jun 2023 13:21

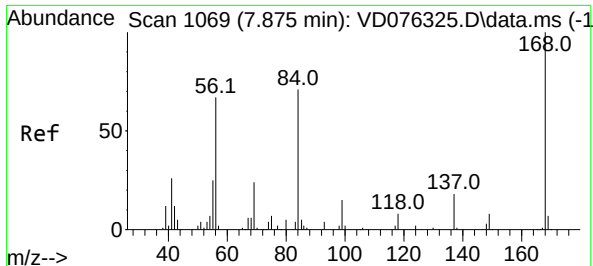
Tgt Ion: 83 Resp: 45432

Ion Ratio Lower Upper

83 100

85 55.6 53.4 80.2

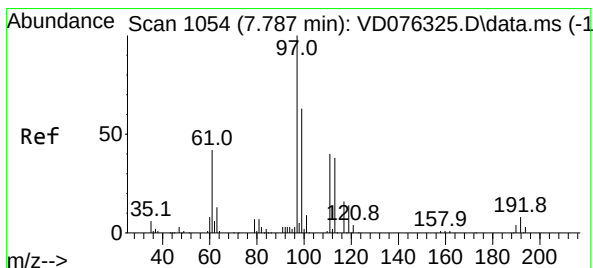
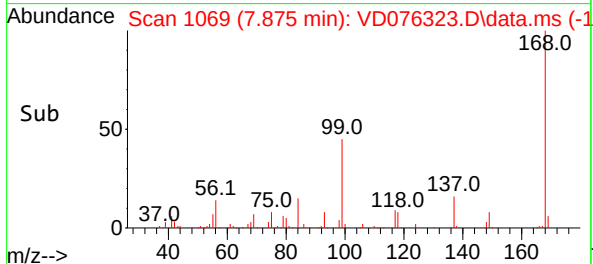
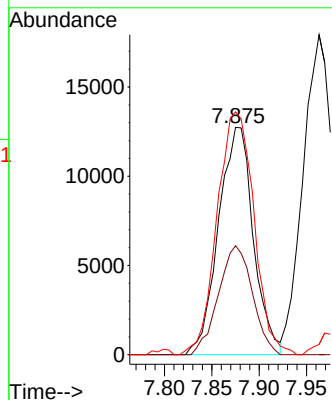
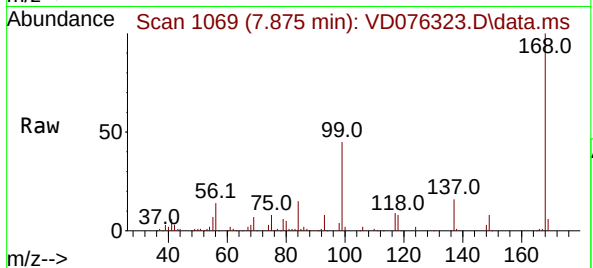




#31
Cyclohexane
Concen: 10.606 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

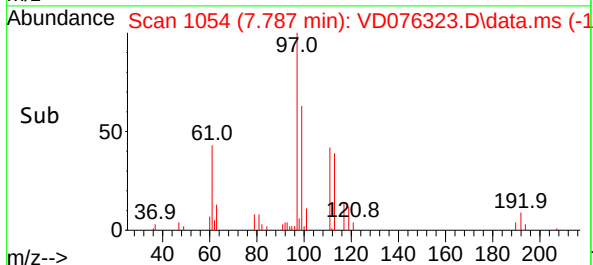
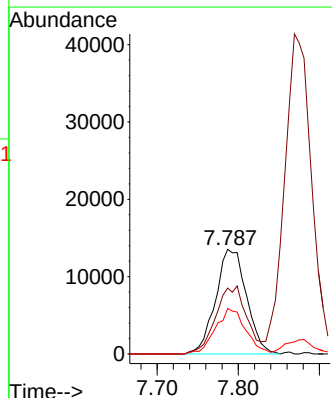
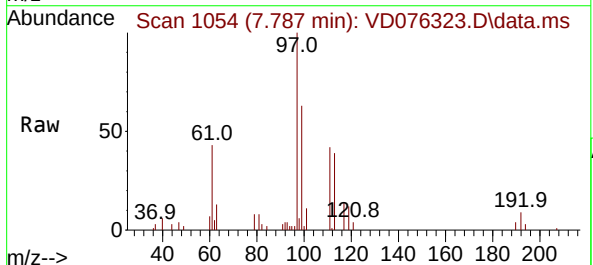
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

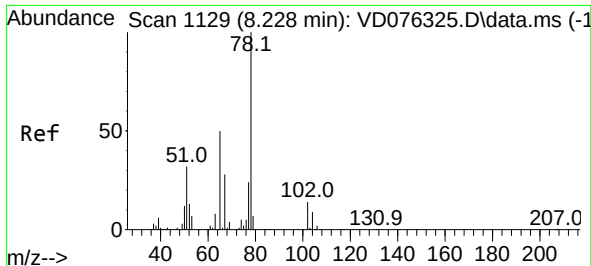
Tgt Ion: 56 Resp: 32597
Ion Ratio Lower Upper
56 100
69 47.9 28.6 43.0#
84 106.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.669 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 97 Resp: 35799
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.705 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

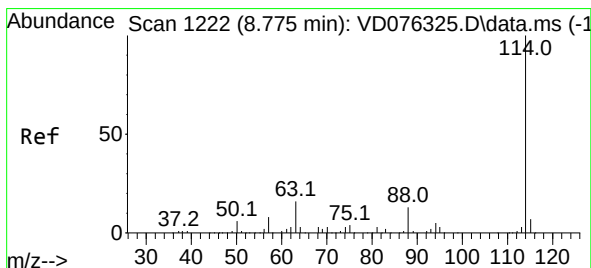
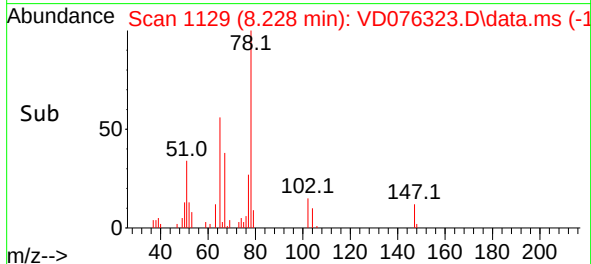
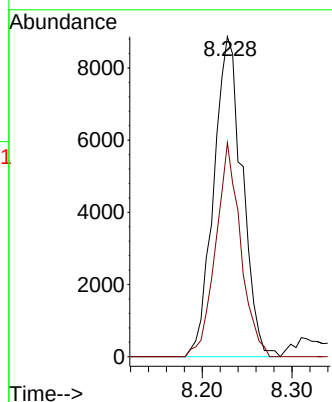
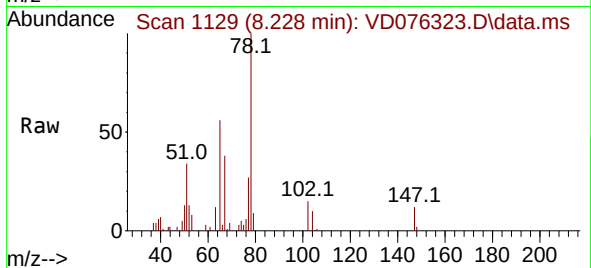
VSTDIC010

Tgt Ion: 65 Resp: 19597

Ion Ratio Lower Upper

65 100

67 58.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

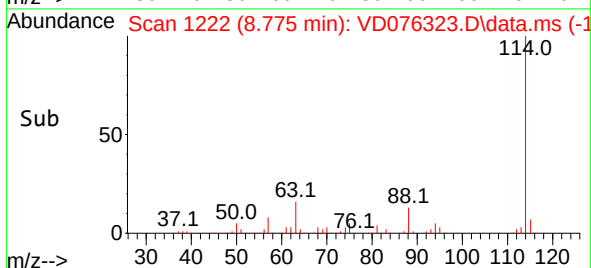
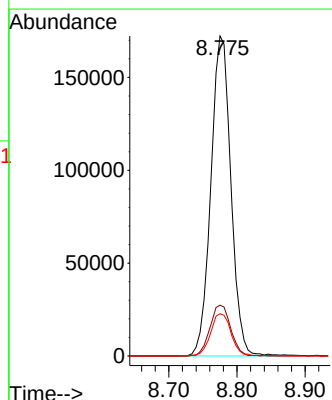
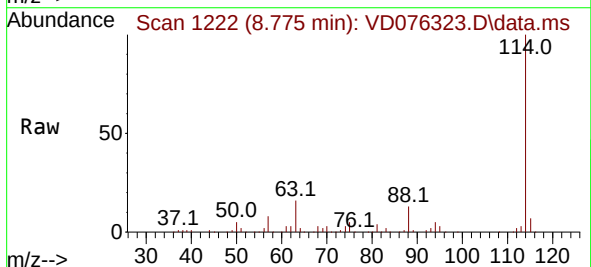
Tgt Ion: 114 Resp: 352321

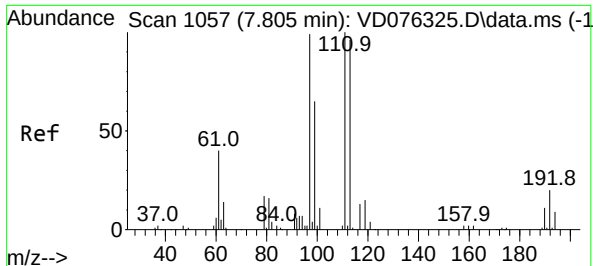
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.2 0.0 26.2

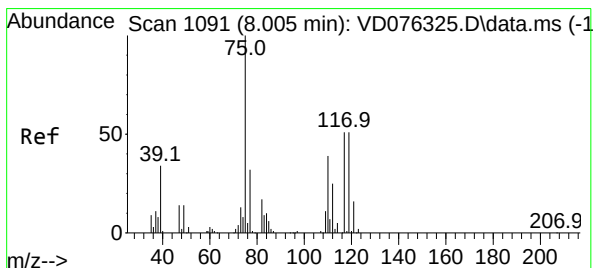
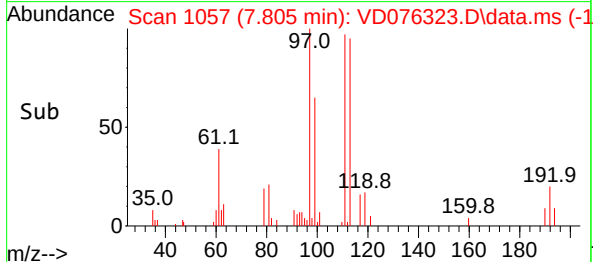
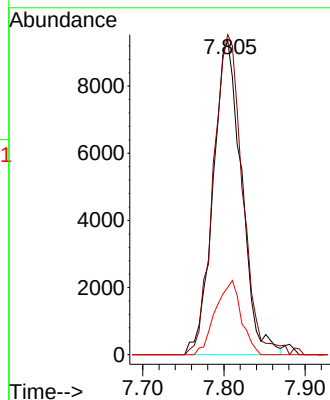
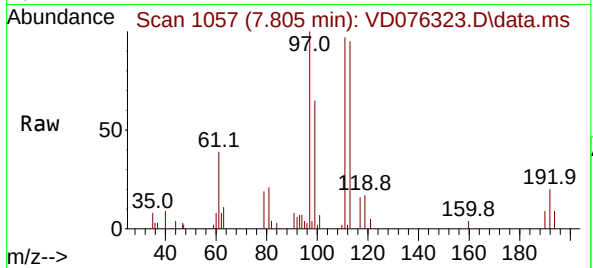




#35
Dibromofluoromethane
Concen: 10.196 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

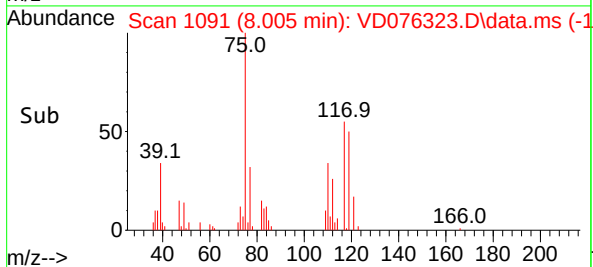
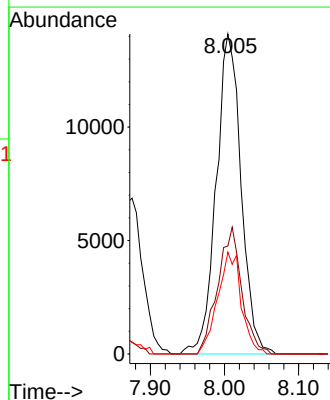
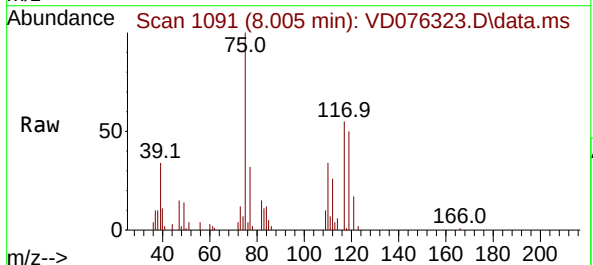
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

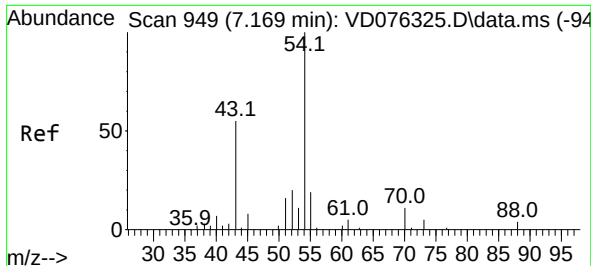
Tgt Ion:113 Resp: 22809
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.231 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 75 Resp: 32883
Ion Ratio Lower Upper
75 100
110 38.5 19.9 59.6
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 9.042 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

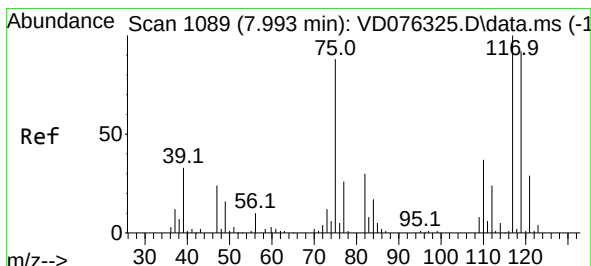
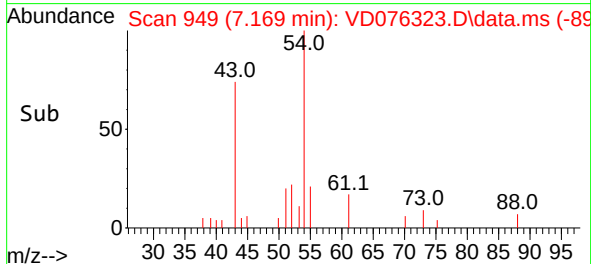
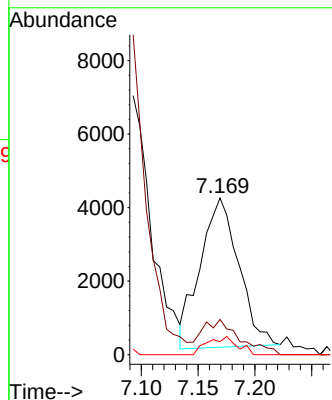
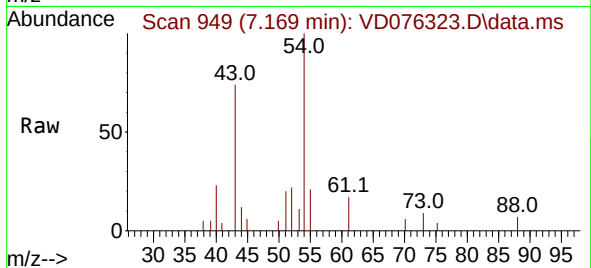
Tgt Ion: 43 Resp: 9588

Ion Ratio Lower Upper

43 100

61 23.7 14.9 22.3#

70 9.3 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 10.058 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

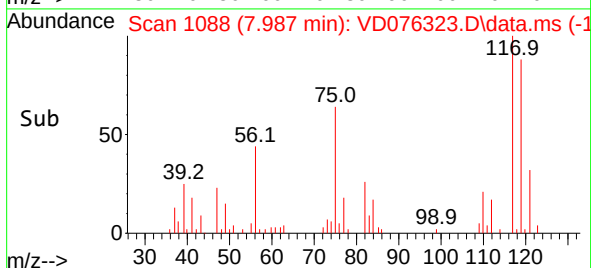
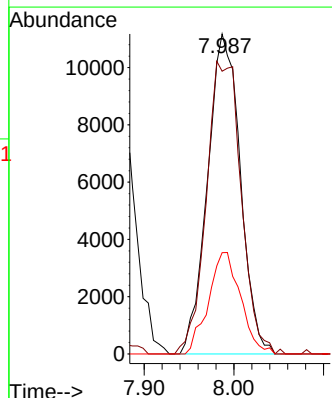
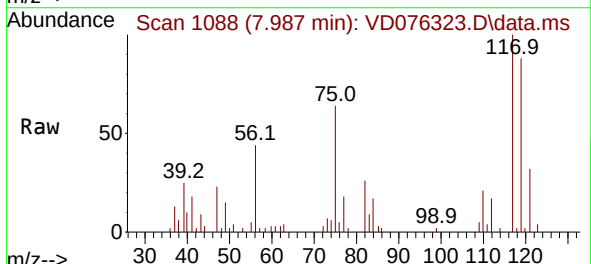
Tgt Ion: 117 Resp: 28338

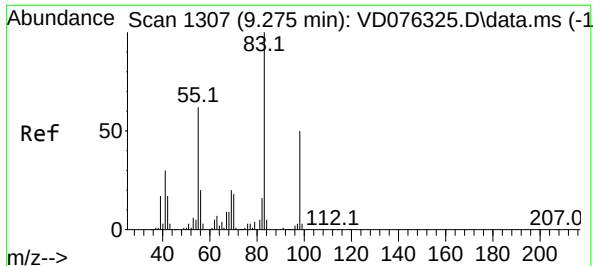
Ion Ratio Lower Upper

117 100

119 86.8 78.0 117.0

121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 9.248 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

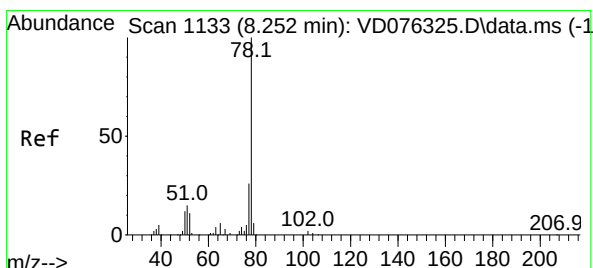
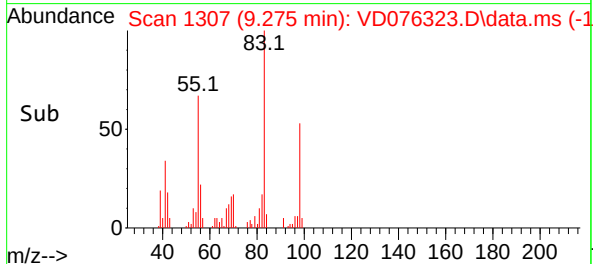
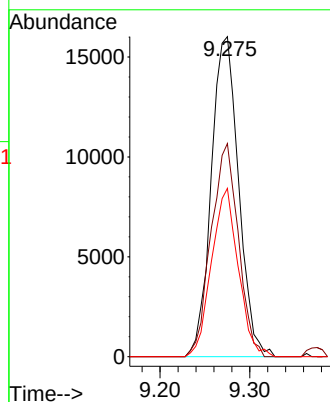
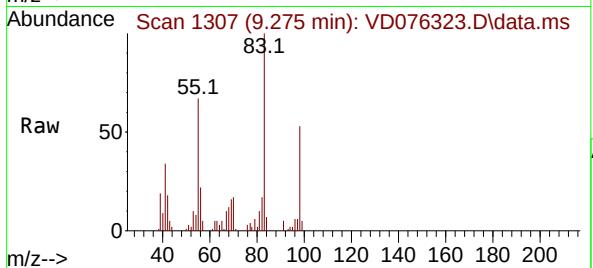
Tgt Ion: 83 Resp: 33960

Ion Ratio Lower Upper

83 100

55 66.6 49.4 74.0

98 52.6 38.4 57.6



#40

Benzene

Concen: 10.393 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076323.D

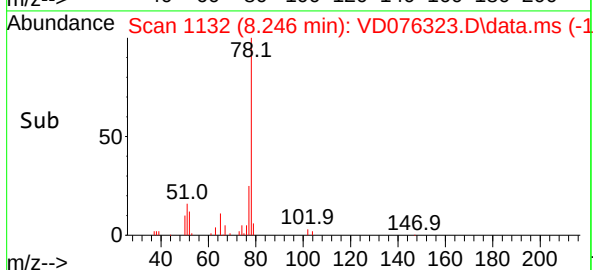
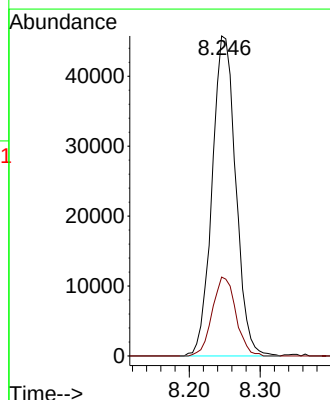
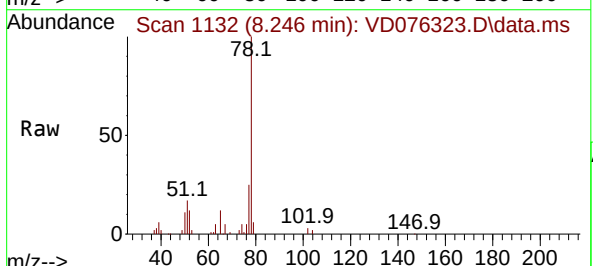
Acq: 05 Jun 2023 13:21

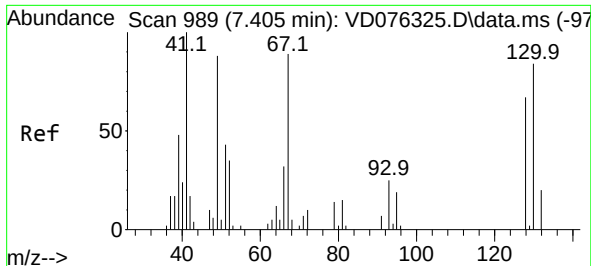
Tgt Ion: 78 Resp: 105669

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.0

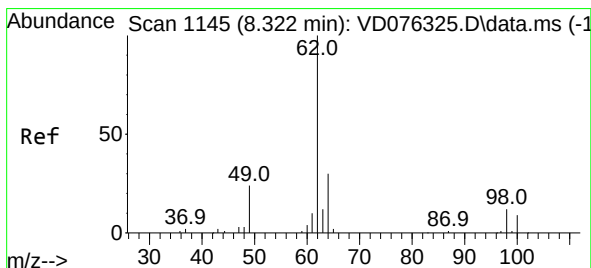
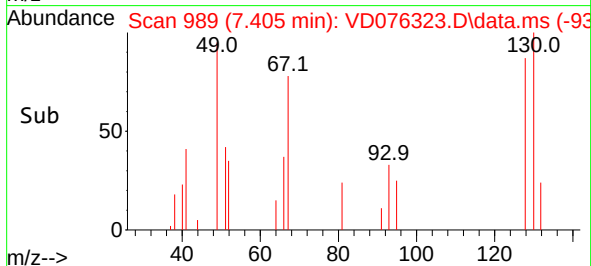
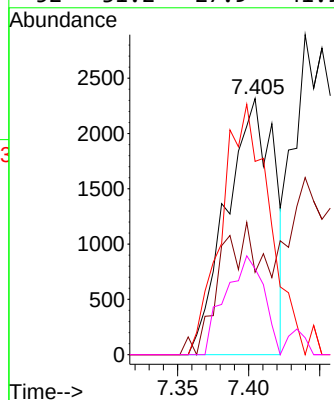
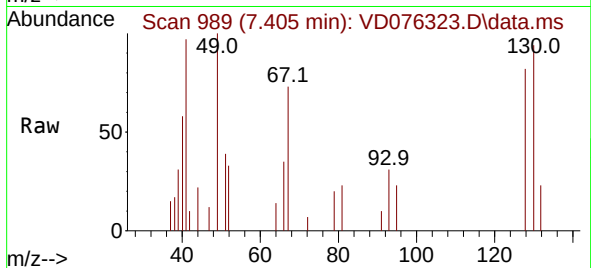




#41
Methacrylonitrile
Concen: 10.010 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

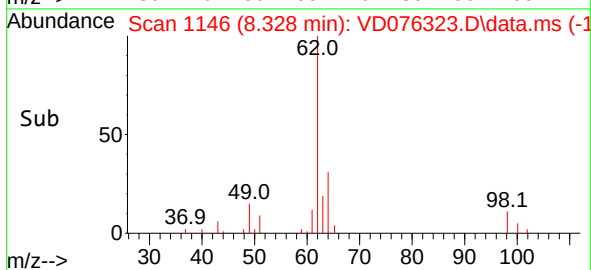
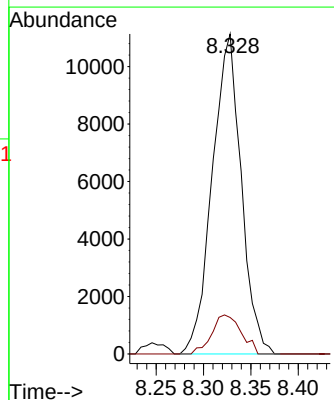
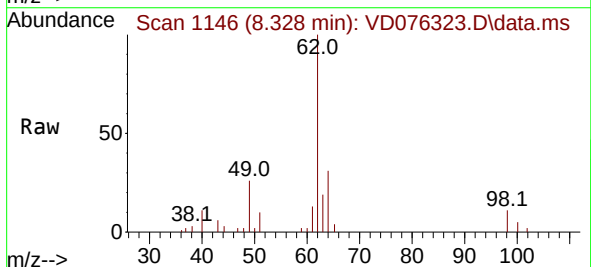
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

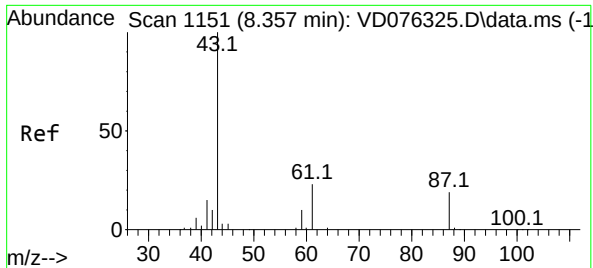
Tgt Ion: 41 Resp: 5408
Ion Ratio Lower Upper
41 100
39 24.1 34.0 51.0#
67 99.1 77.0 115.4
52 31.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 10.053 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 62 Resp: 23606
Ion Ratio Lower Upper
62 100
98 12.4 0.0 25.4

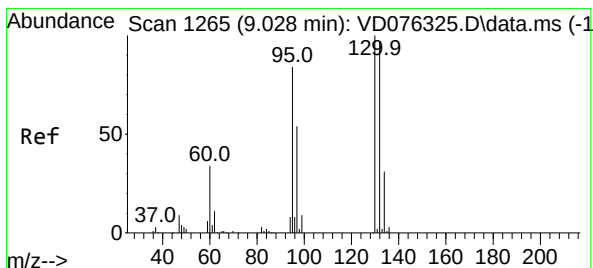
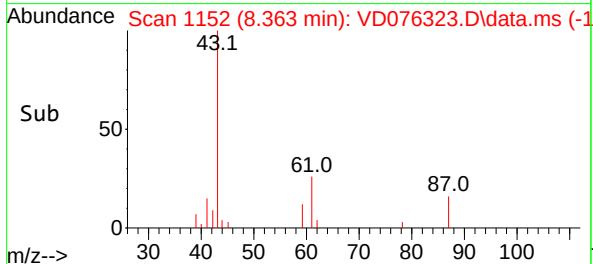
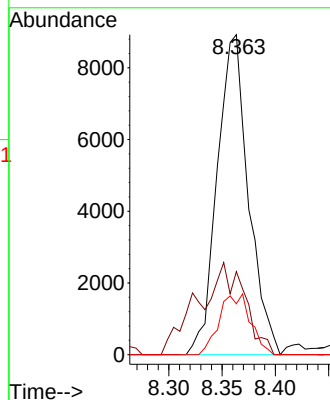
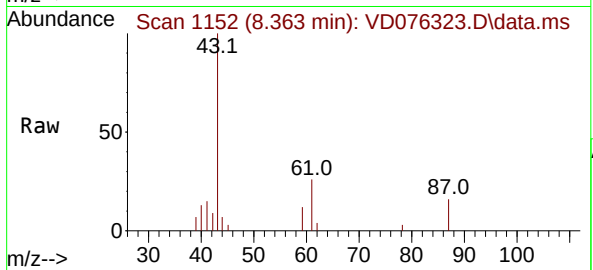




#43
Isopropyl Acetate
Concen: 9.583 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

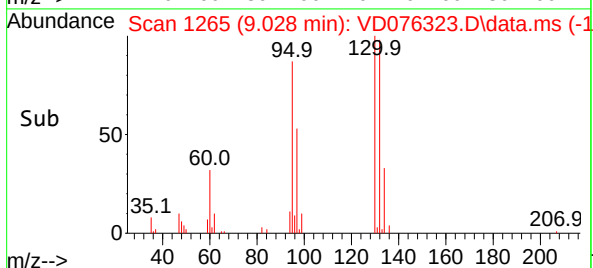
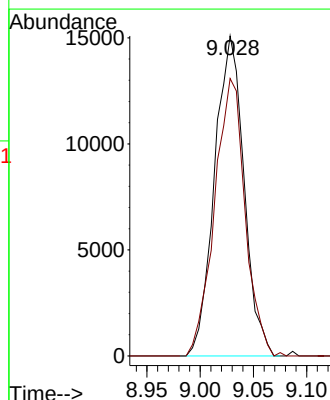
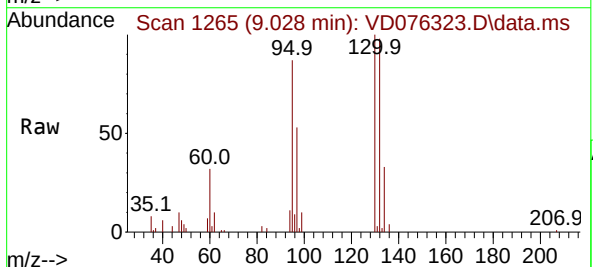
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

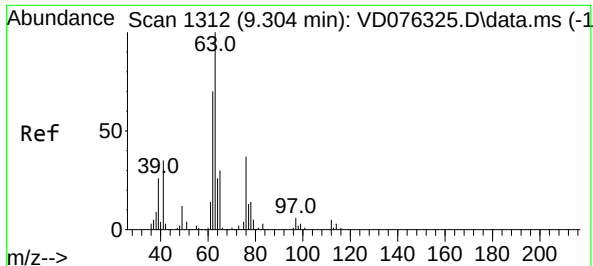
Tgt Ion: 43 Resp: 18211
Ion Ratio Lower Upper
43 100
61 28.7 31.4 47.0#
87 18.9 14.9 22.3



#44
Trichloroethene
Concen: 10.202 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:130 Resp: 29003
Ion Ratio Lower Upper
130 100
95 86.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.073 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

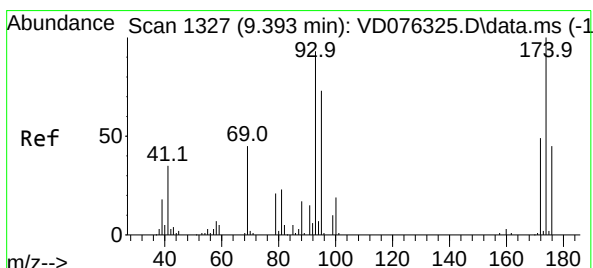
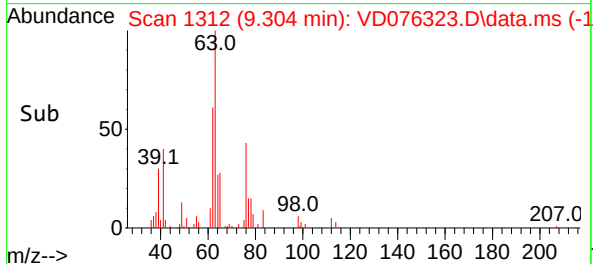
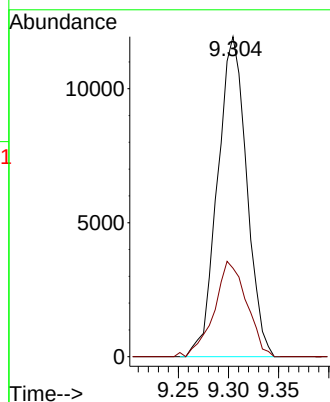
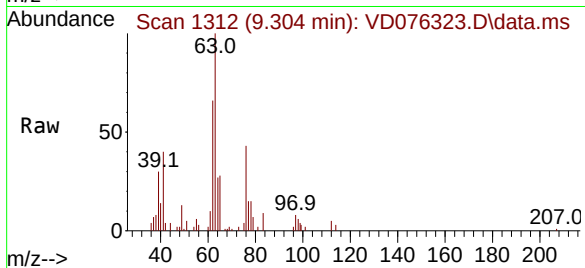
VSTDICC010

Tgt Ion: 63 Resp: 24036

Ion Ratio Lower Upper

63 100

65 27.6 24.5 36.7



#46

Dibromomethane

Concen: 10.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

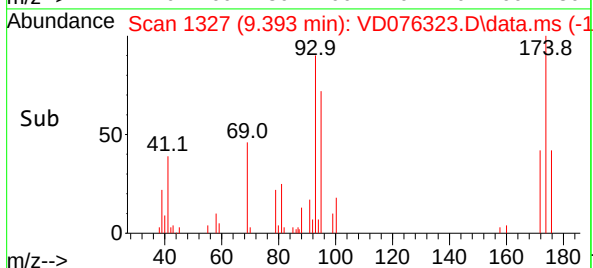
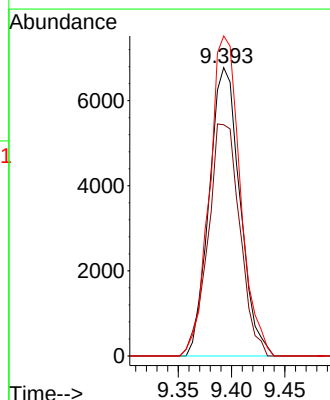
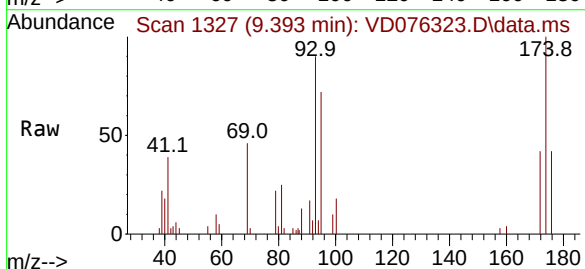
Tgt Ion: 93 Resp: 13599

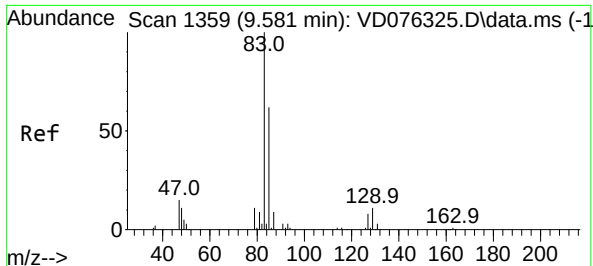
Ion Ratio Lower Upper

93 100

95 82.7 67.7 101.5

174 110.8 85.4 128.2





#47

Bromodichloromethane

Concen: 10.104 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

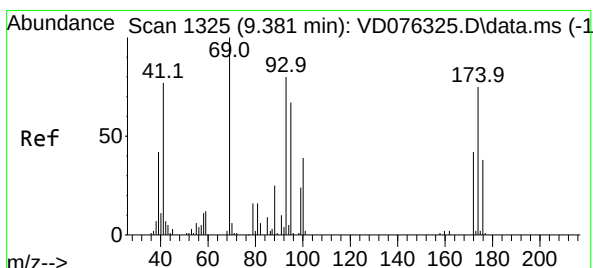
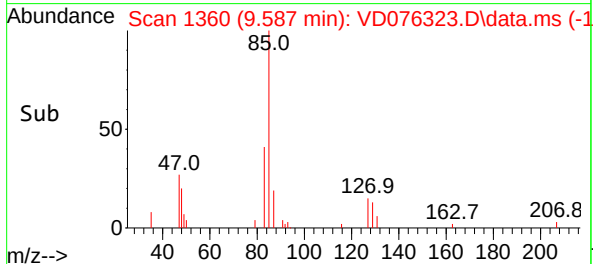
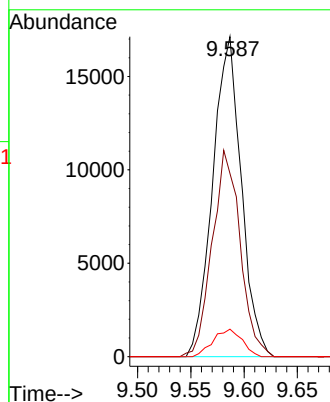
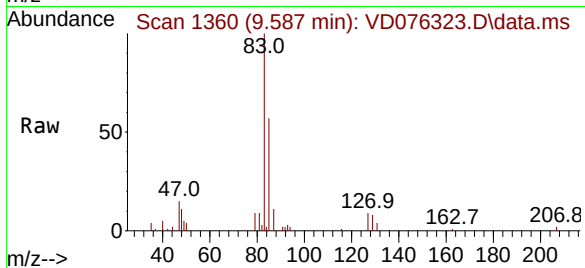
Tgt Ion: 83 Resp: 31992

Ion Ratio Lower Upper

83 100

85 57.2 50.2 75.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 8.489 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

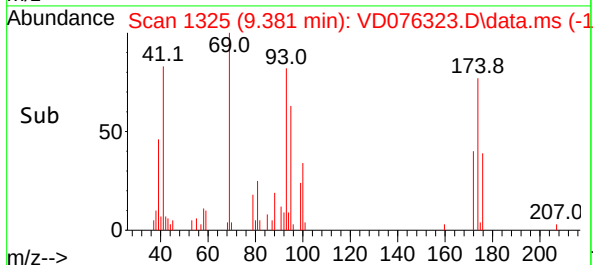
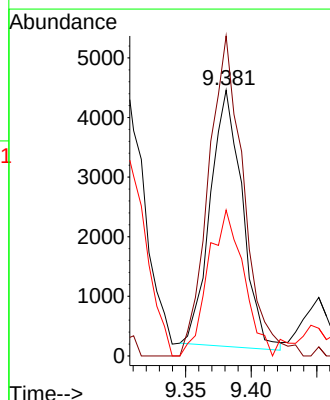
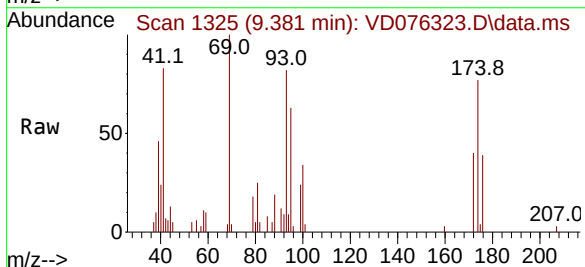
Tgt Ion: 41 Resp: 7308

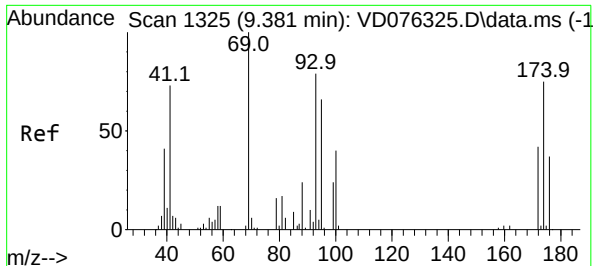
Ion Ratio Lower Upper

41 100

69 137.1 102.2 153.2

39 62.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 184.614 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

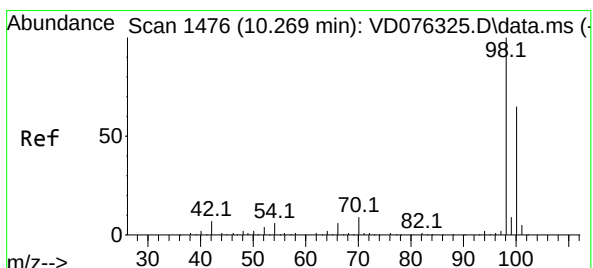
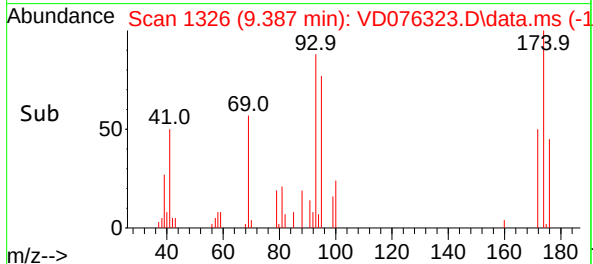
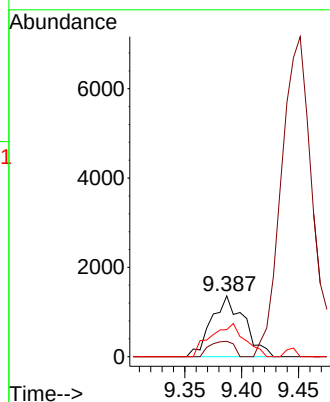
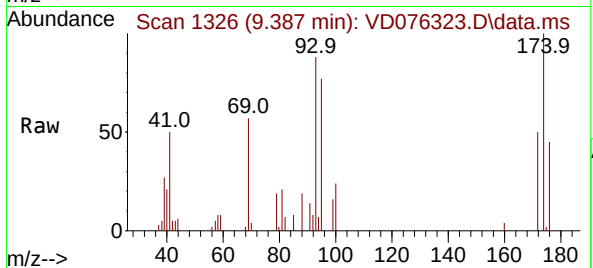
Tgt Ion: 88 Resp: 2733

Ion Ratio Lower Upper

88 100

43 18.9 19.0 28.6#

58 56.4 43.5 65.3



#50

Toluene-d8

Concen: 10.086 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076323.D

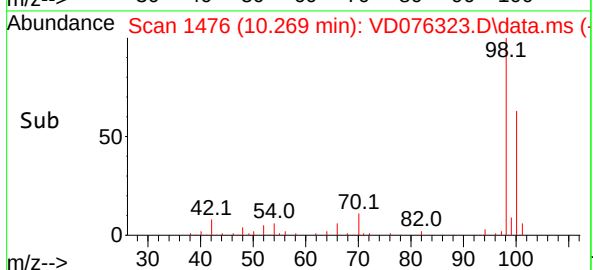
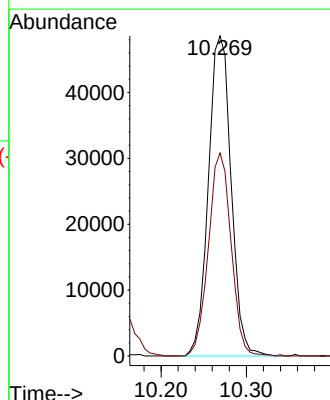
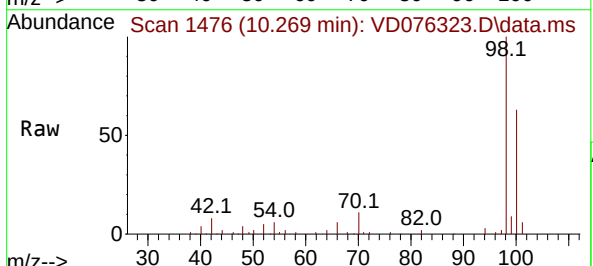
Acq: 05 Jun 2023 13:21

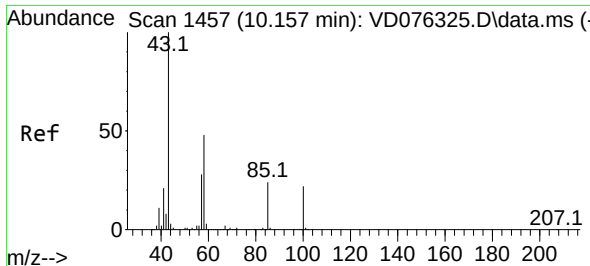
Tgt Ion: 98 Resp: 89829

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

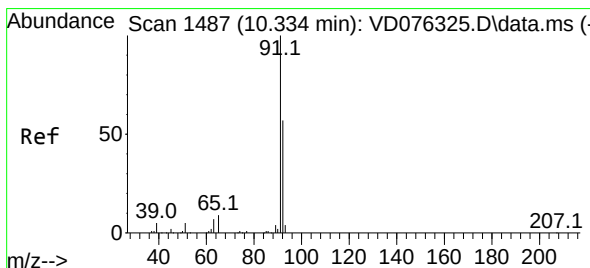
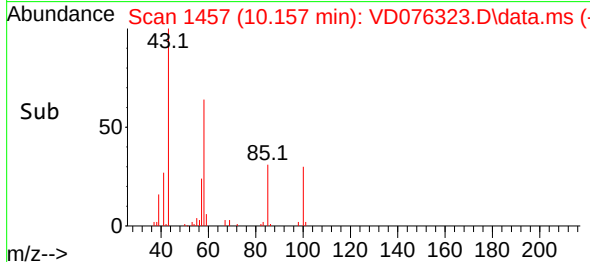
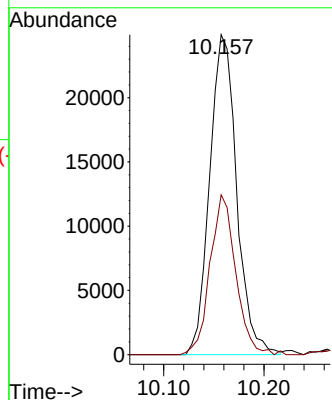
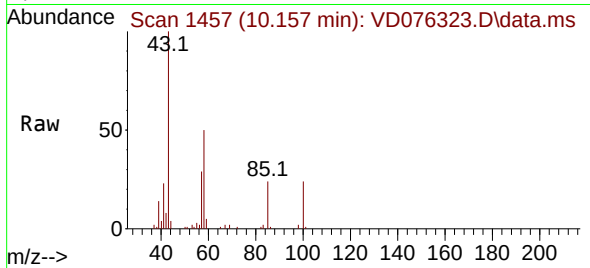




#51
4-Methyl-2-Pentanone
Concen: 46.501 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

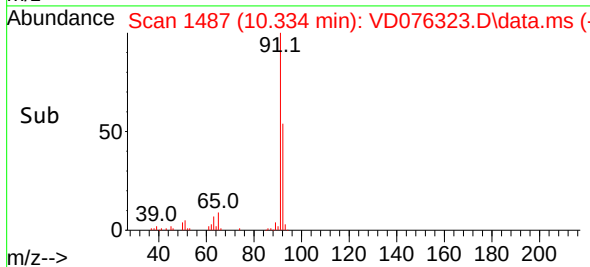
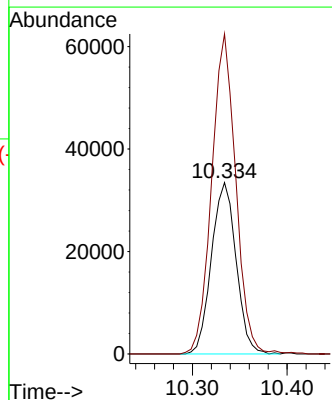
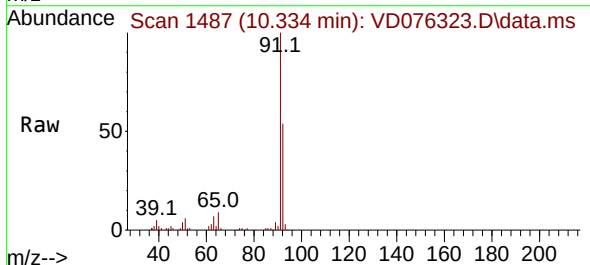
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

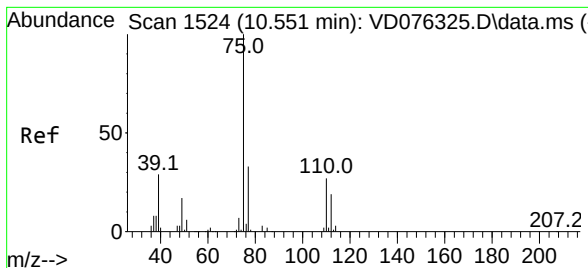
Tgt Ion: 43 Resp: 46580
Ion Ratio Lower Upper
43 100
58 47.7 38.9 58.3



#52
Toluene
Concen: 9.675 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 92 Resp: 60489
Ion Ratio Lower Upper
92 100
91 182.8 143.0 214.4

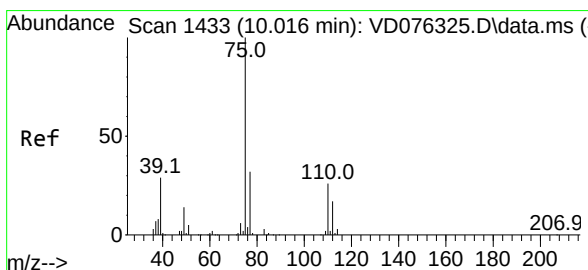
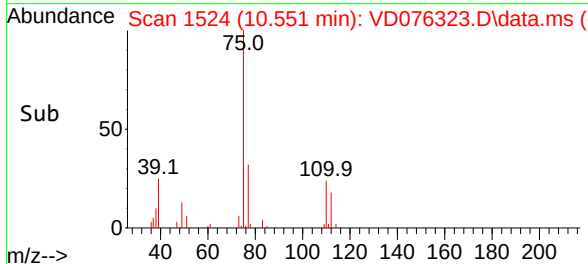
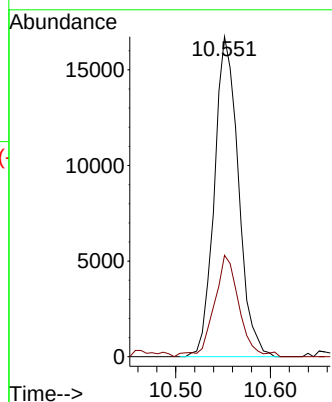
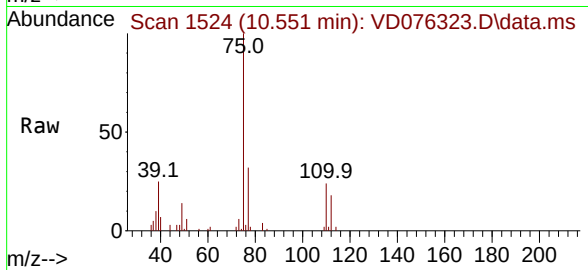




#53
t-1,3-Dichloropropene
Concen: 10.048 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

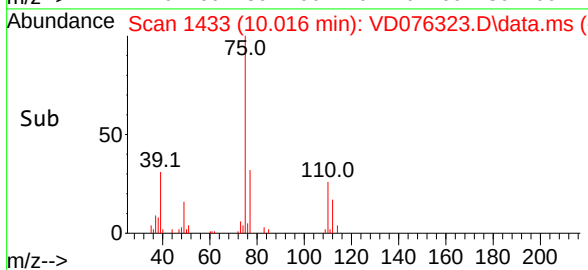
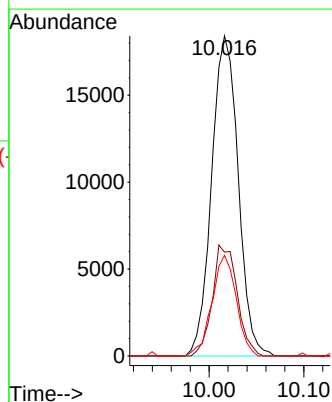
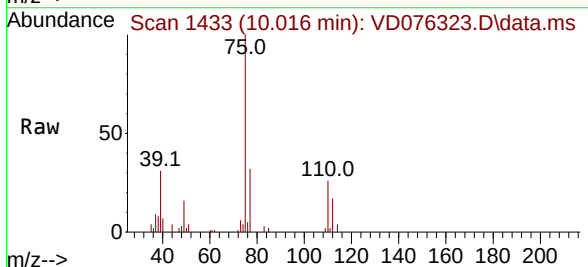
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

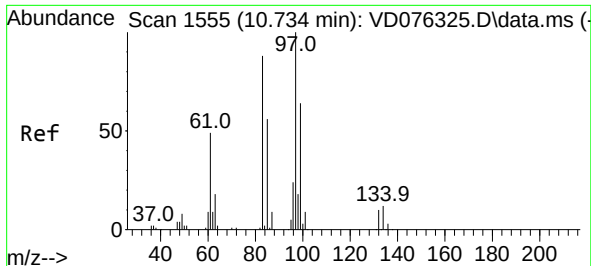
Tgt Ion: 75 Resp: 29528
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 9.892 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 75 Resp: 35923
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 31.4 22.1 33.1

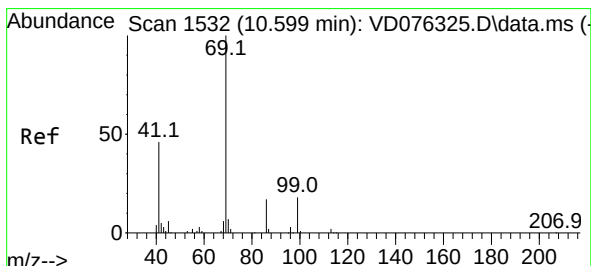
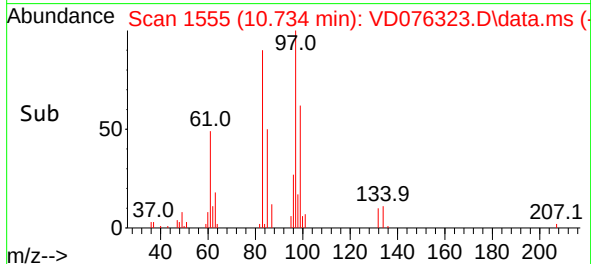
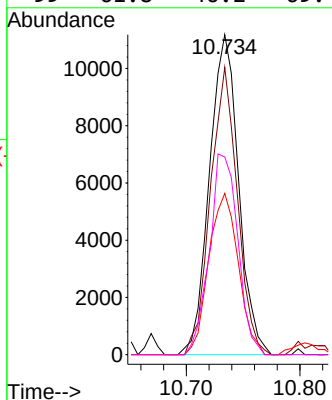
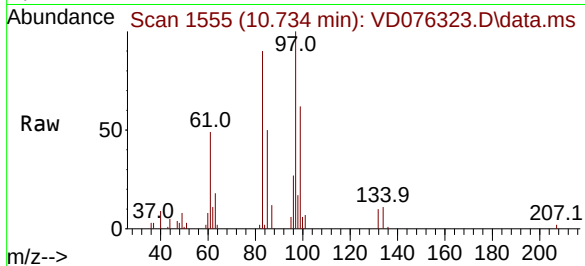




#55
1,1,2-Trichloroethane
Concen: 10.433 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

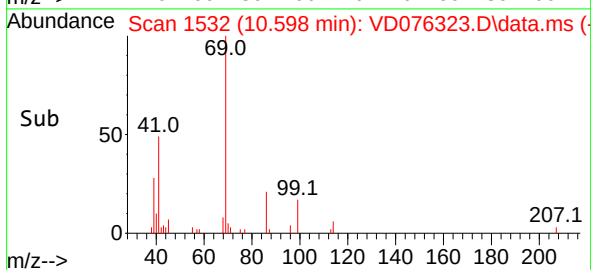
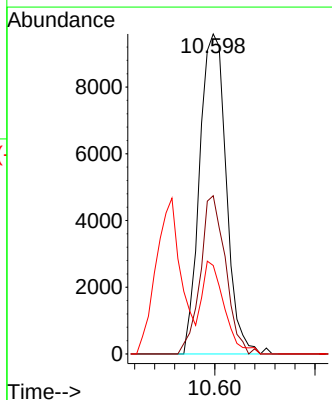
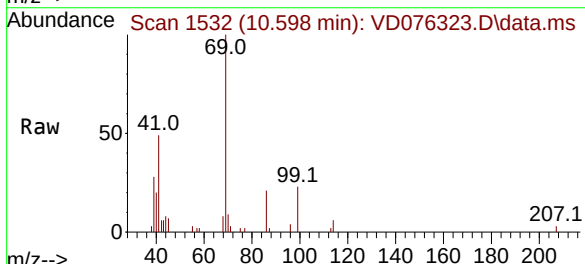
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

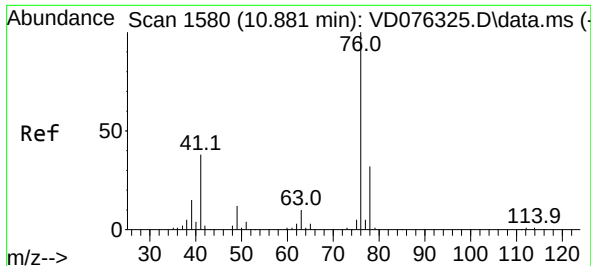
Tgt Ion:	97	Resp:	19952
Ion	Ratio	Lower	Upper
97	100		
83	89.8	65.8	98.6
85	50.4	45.7	68.5
99	61.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 9.043 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:	69	Resp:	17639
Ion	Ratio	Lower	Upper
69	100		
41	47.0	39.1	58.7
39	24.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 9.874 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

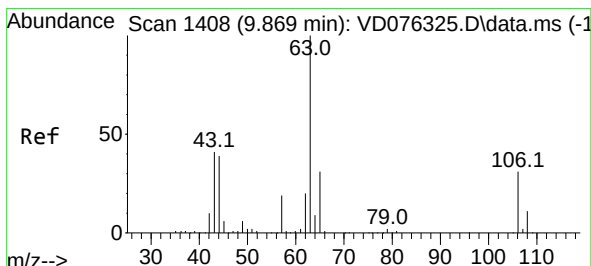
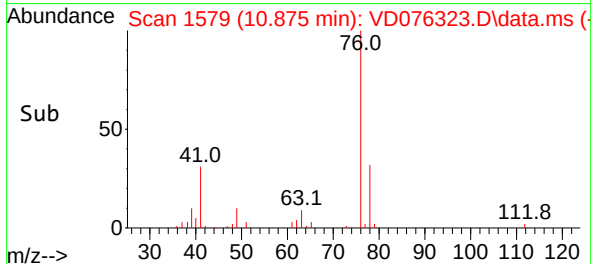
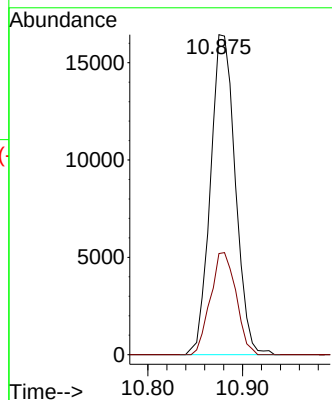
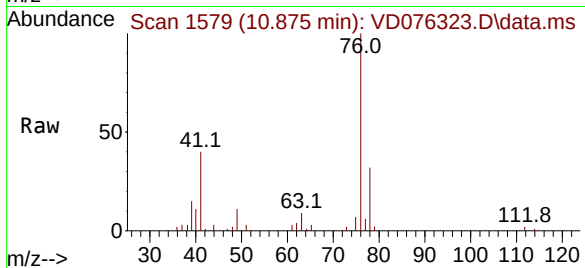
VSTDIC010

Tgt Ion: 76 Resp: 29993

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 44.752 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076323.D

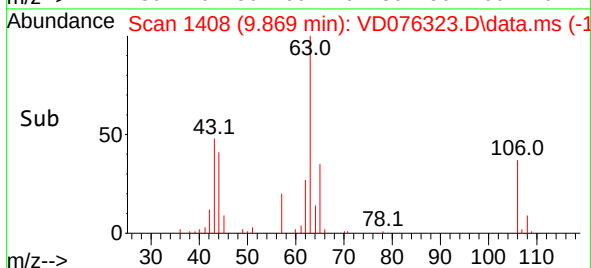
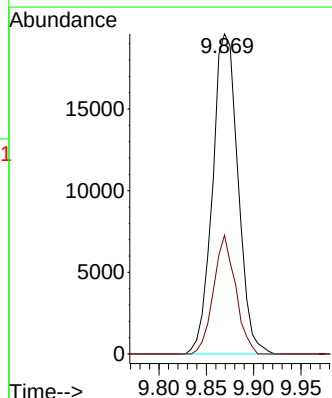
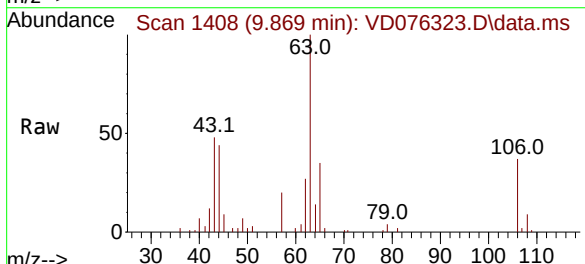
Acq: 05 Jun 2023 13:21

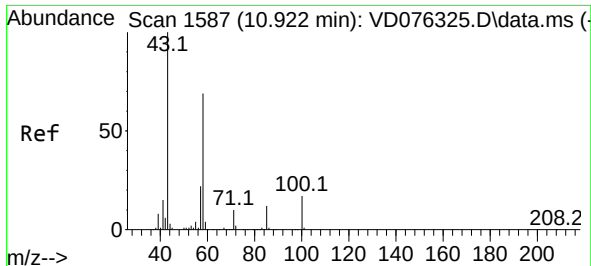
Tgt Ion: 63 Resp: 36651

Ion Ratio Lower Upper

63 100

106 32.1 25.3 37.9

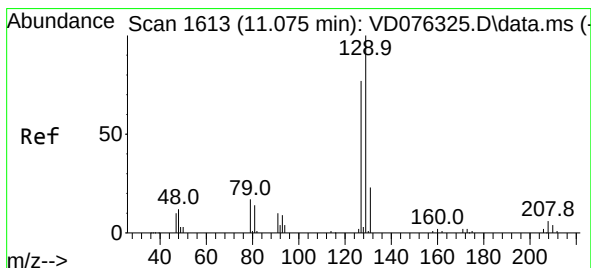
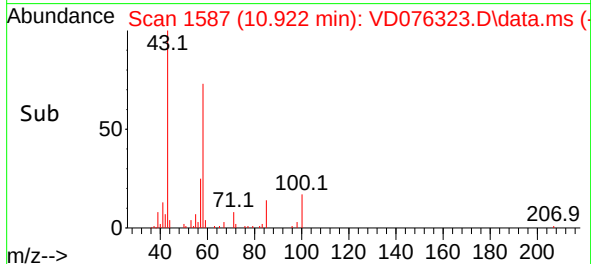
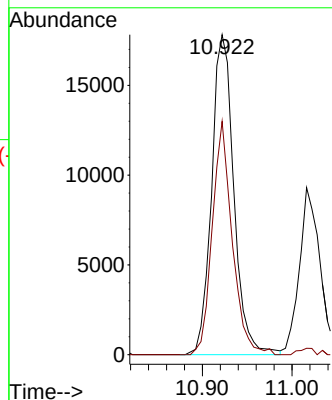
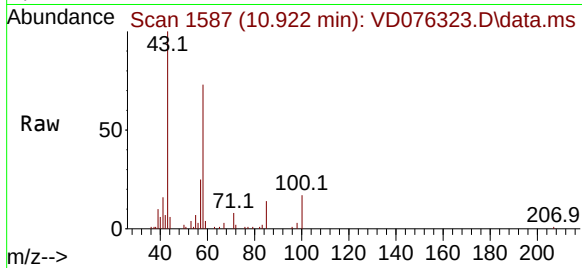




#59
2-Hexanone
Concen: 44.559 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

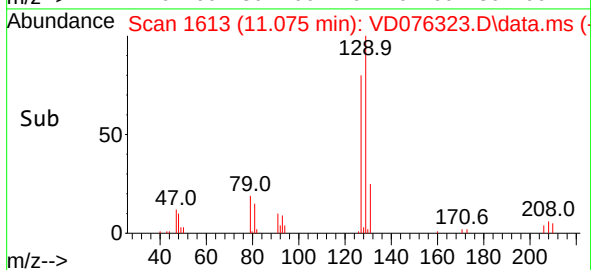
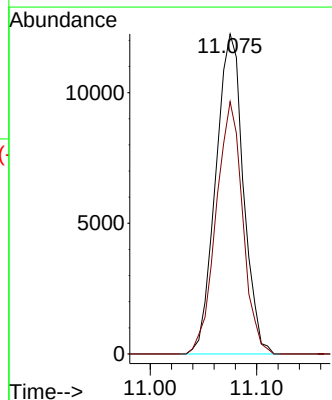
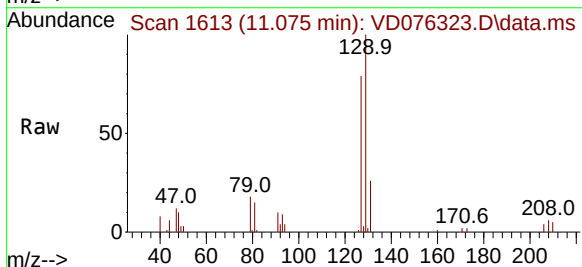
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

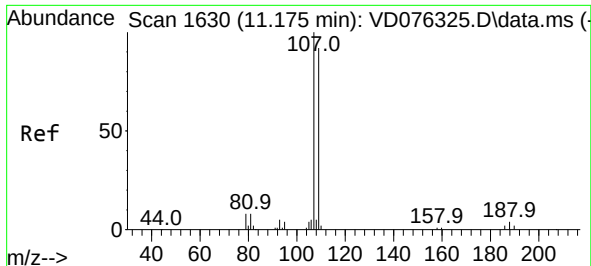
Tgt Ion: 43 Resp: 30624
Ion Ratio Lower Upper
43 100
58 65.6 34.1 102.2



#60
Dibromochloromethane
Concen: 10.168 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 129 Resp: 22043
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5

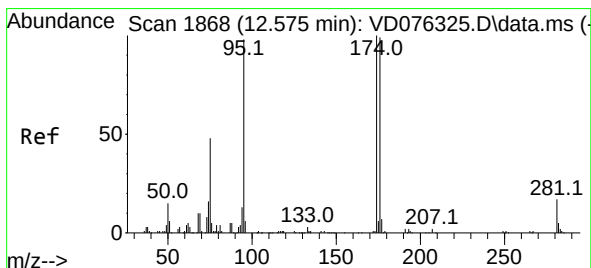
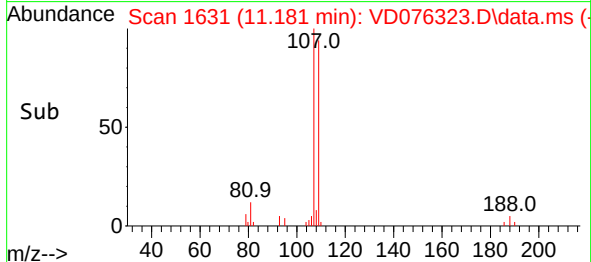
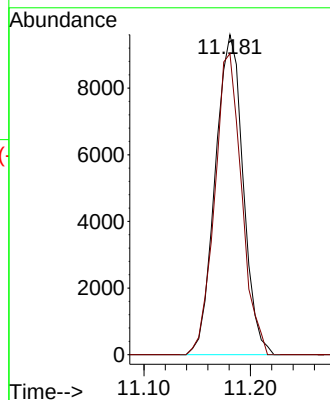
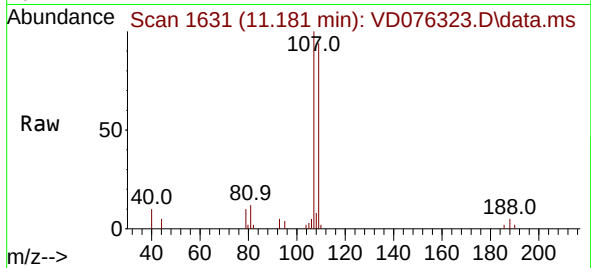




#61
1,2-Dibromoethane
Concen: 10.028 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

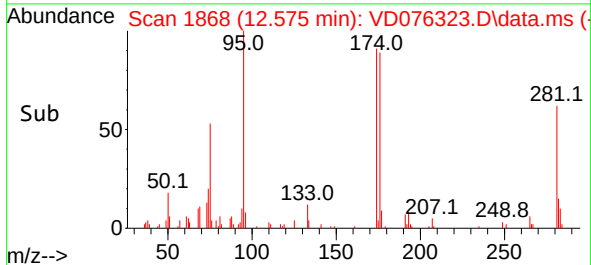
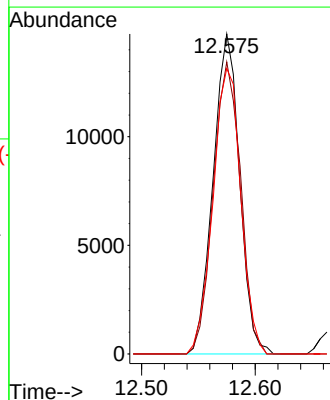
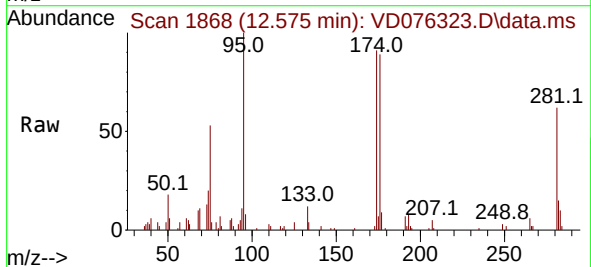
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

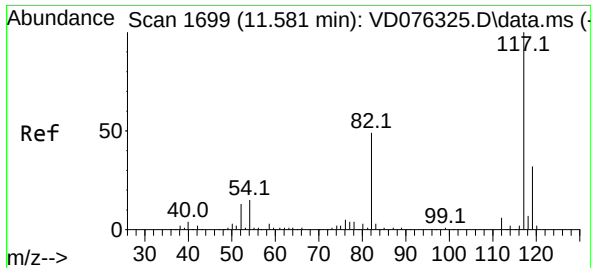
Tgt Ion:107 Resp: 17451
Ion Ratio Lower Upper
107 100
109 91.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.125 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 95 Resp: 23866
Ion Ratio Lower Upper
95 100
174 94.3 0.0 201.8
176 93.8 0.0 191.8

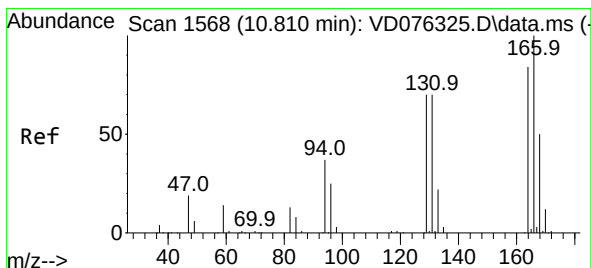
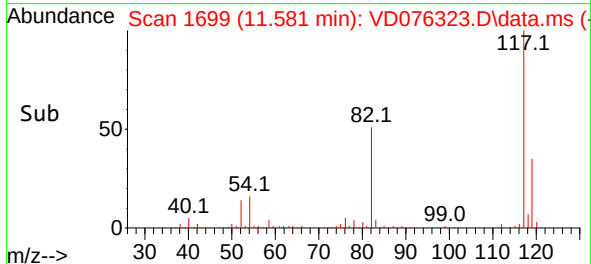
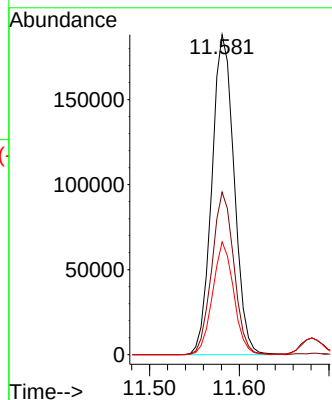
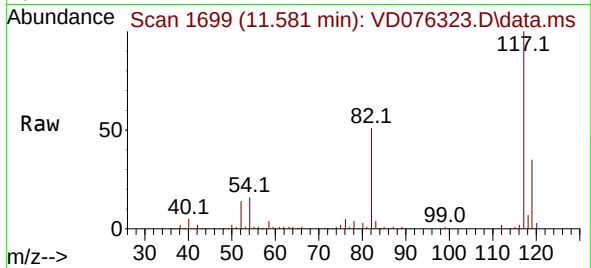




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

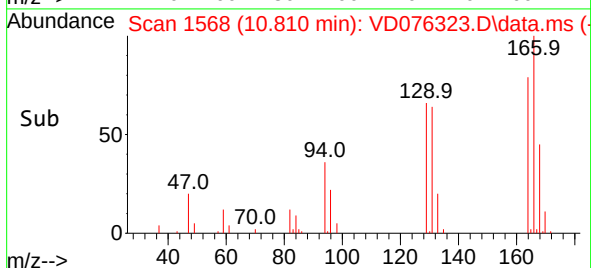
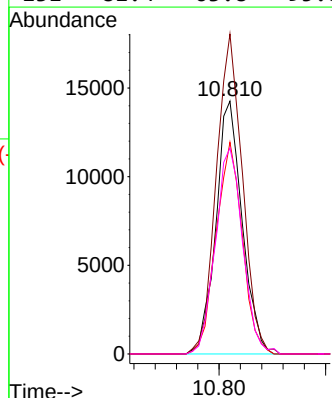
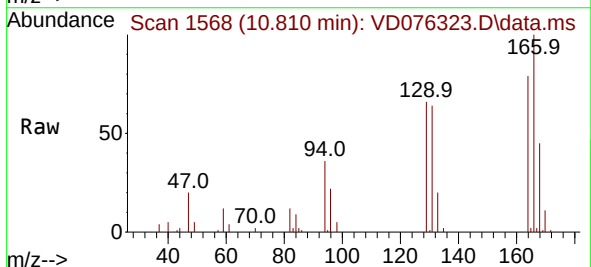
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

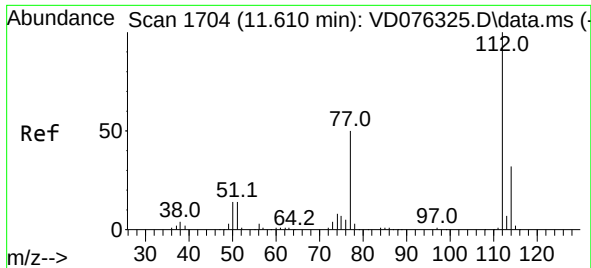
Tgt Ion:117 Resp: 324650
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 35.3 25.0 37.4



#64
Tetrachloroethene
Concen: 10.481 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:164 Resp: 24372
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 83.7 68.4 102.6
131 81.4 63.8 95.8

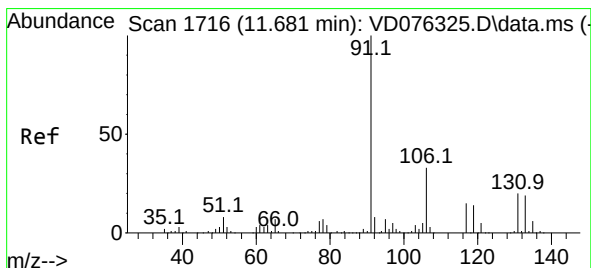
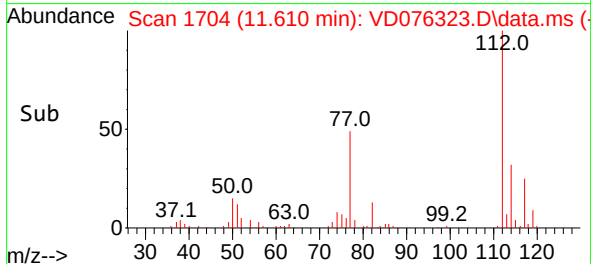
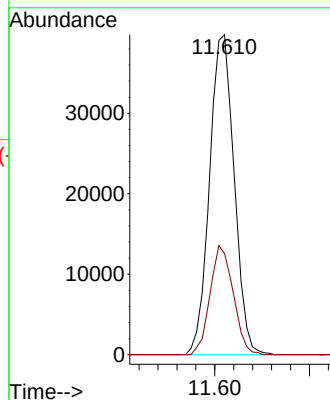
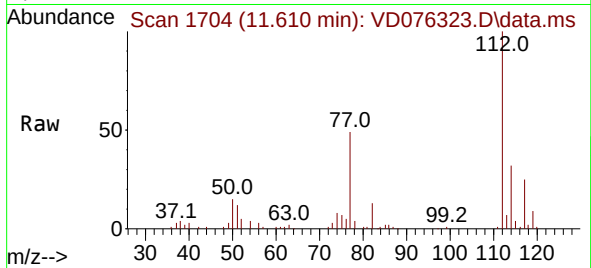




#65
Chlorobenzene
Concen: 10.327 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

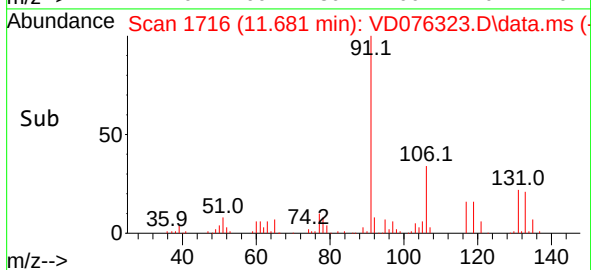
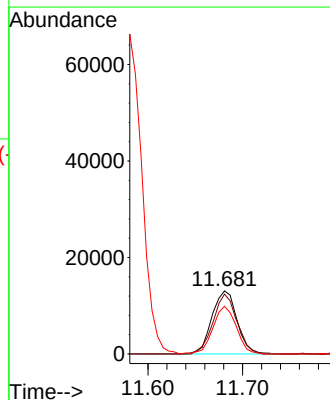
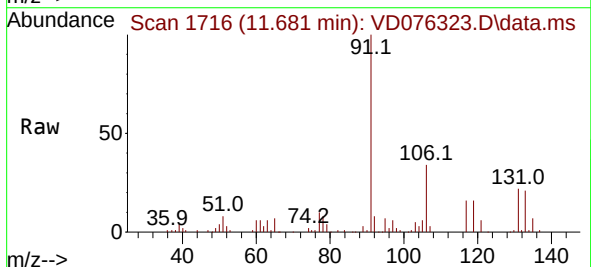
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

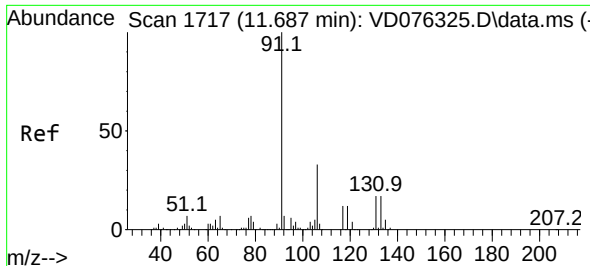
Tgt Ion:112 Resp: 71836
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.265 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:131 Resp: 23974
Ion Ratio Lower Upper
131 100
133 90.8 48.5 145.5
119 70.7 35.6 106.9

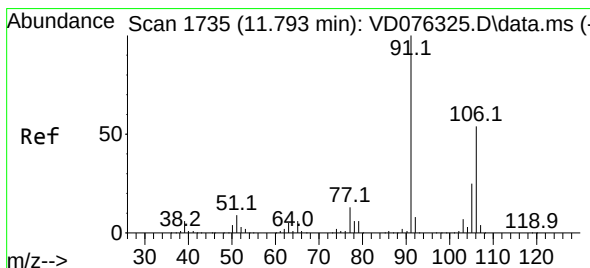
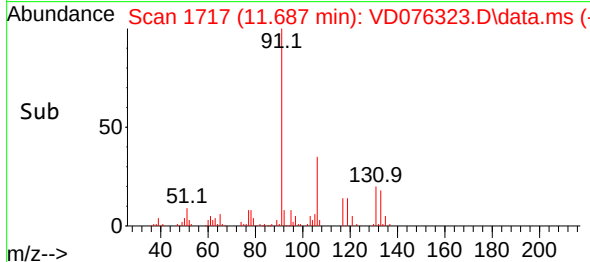
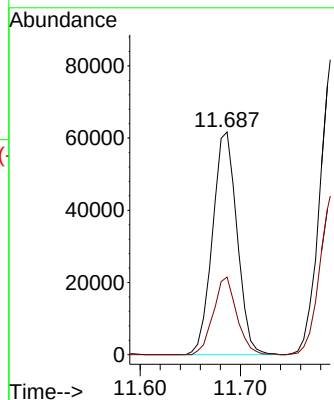
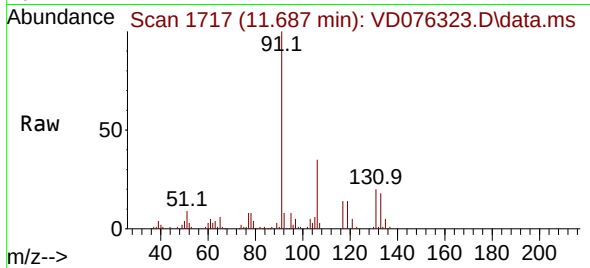




#67
Ethyl Benzene
Concen: 9.354 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

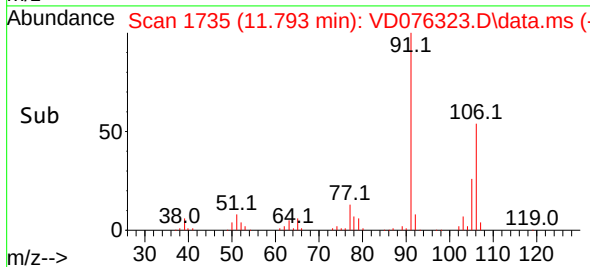
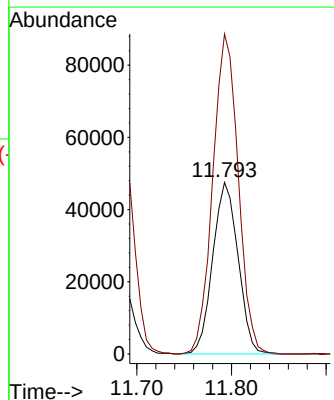
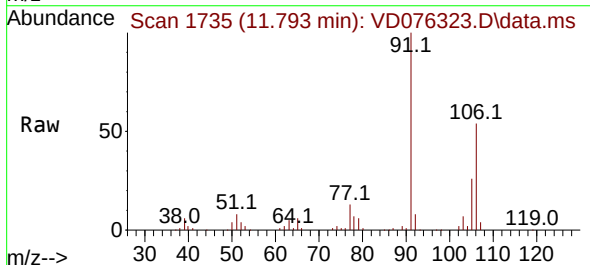
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

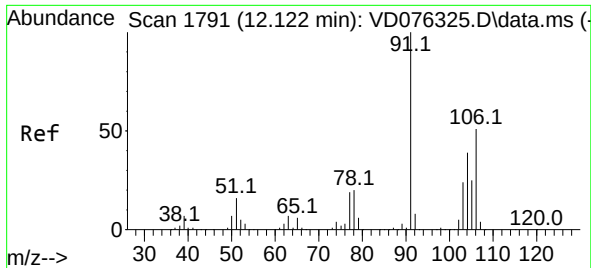
Tgt Ion: 91 Resp: 104856
Ion Ratio Lower Upper
91 100
106 34.8 26.5 39.7



#68
m/p-Xylenes
Concen: 19.051 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 106 Resp: 88282
Ion Ratio Lower Upper
106 100
91 187.6 147.0 220.6

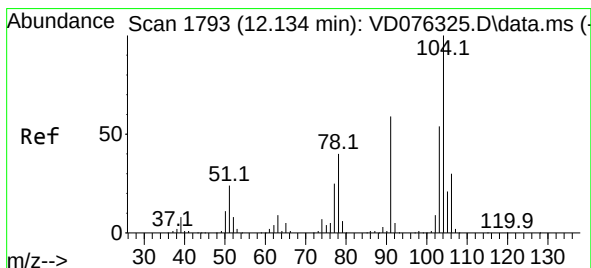
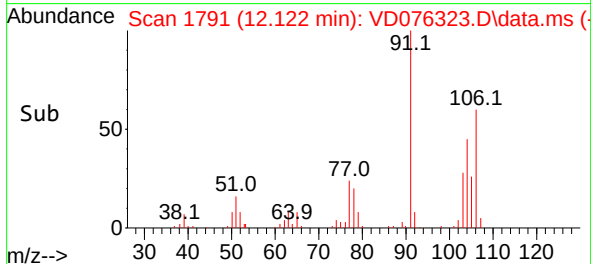
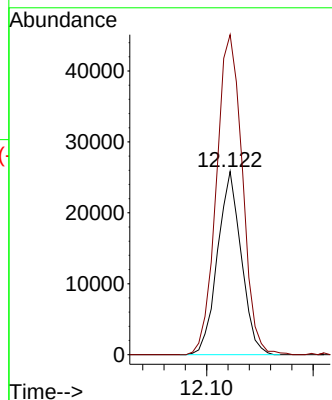
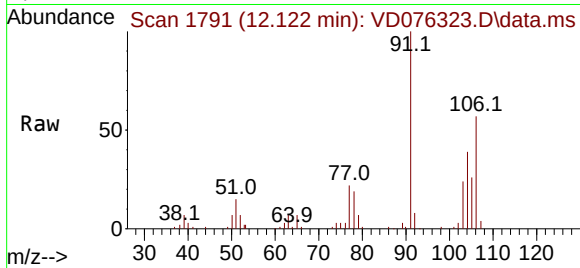




#69
o-Xylene
Concen: 9.556 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

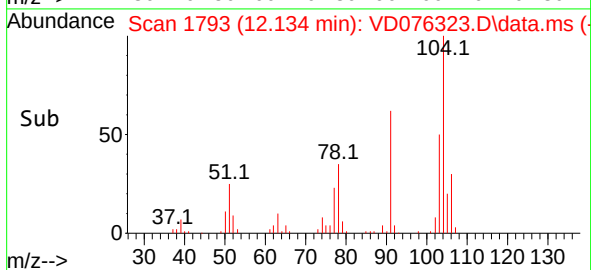
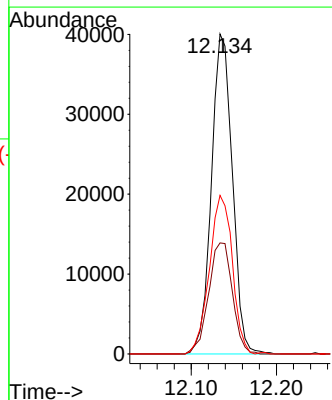
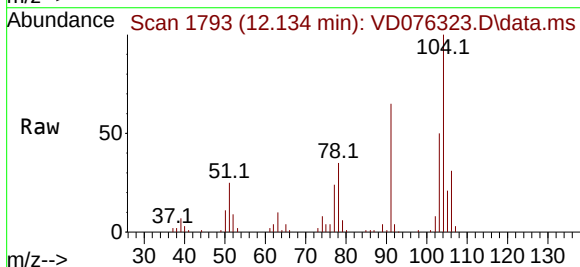
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

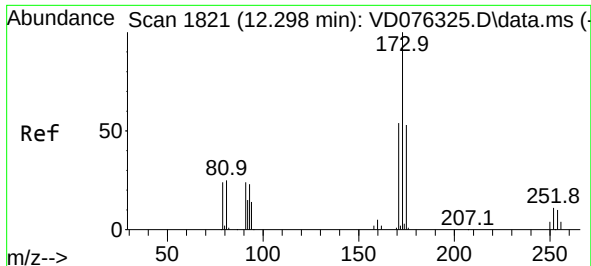
Tgt Ion:106 Resp: 39924
Ion Ratio Lower Upper
106 100
91 191.2 97.9 293.6



#70
Styrene
Concen: 9.552 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:104 Resp: 68438
Ion Ratio Lower Upper
104 100
78 39.4 33.2 49.8
103 54.3 43.6 65.4

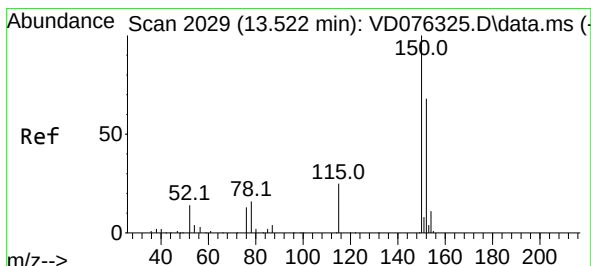
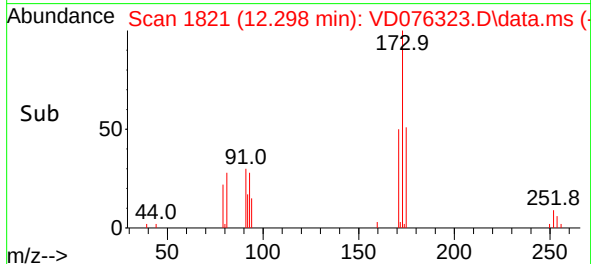
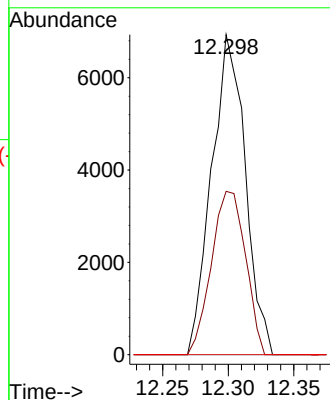
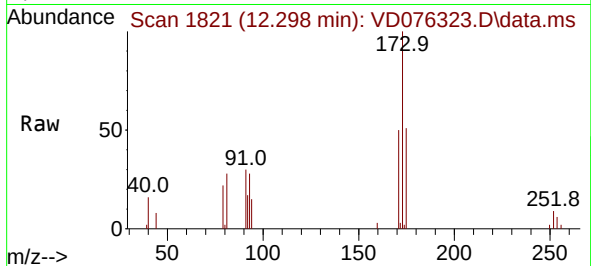




#71
Bromoform
Concen: 9.822 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

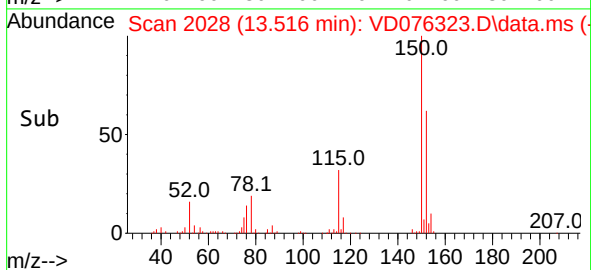
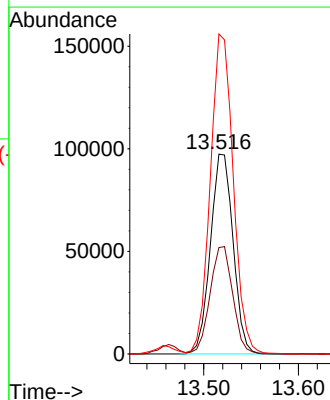
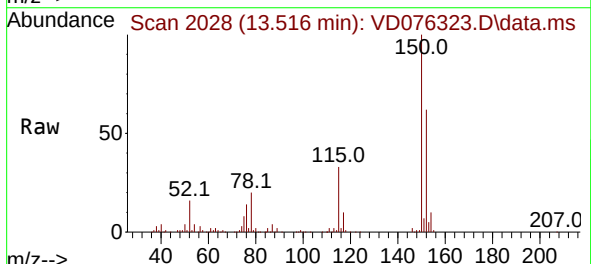
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

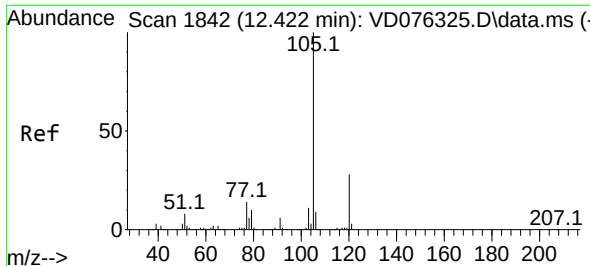
Tgt Ion:173 Resp: 12376
Ion Ratio Lower Upper
173 100
175 51.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:152 Resp: 162431
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 162.0 0.0 353.6

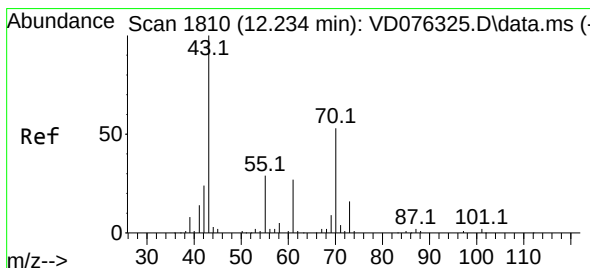
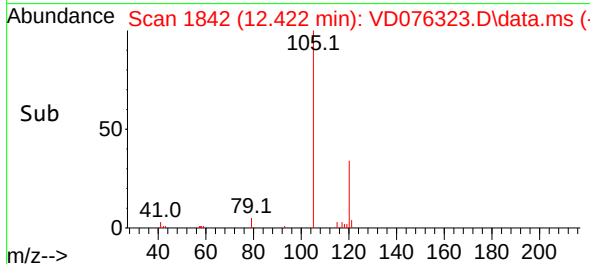
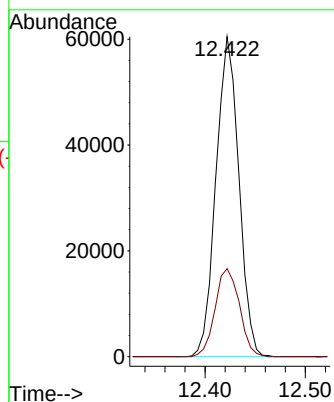
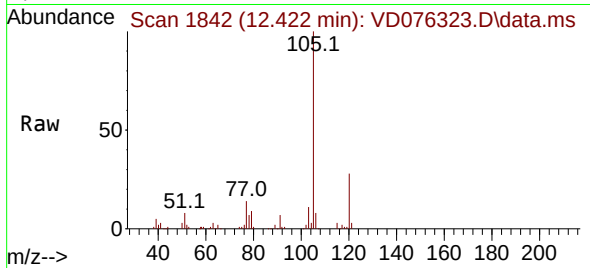




#73
Isopropylbenzene
Concen: 9.220 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

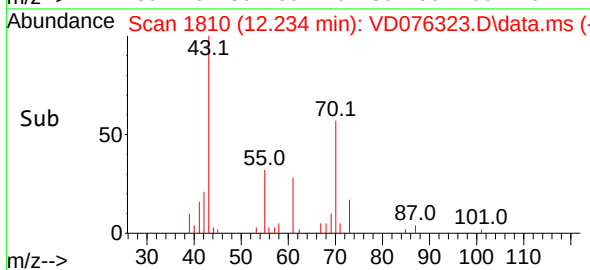
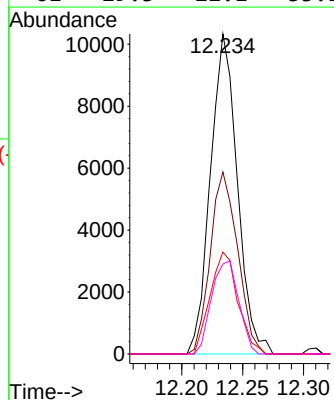
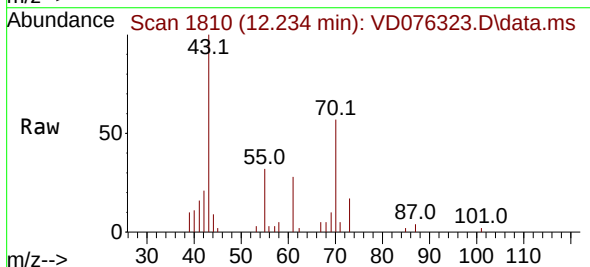
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

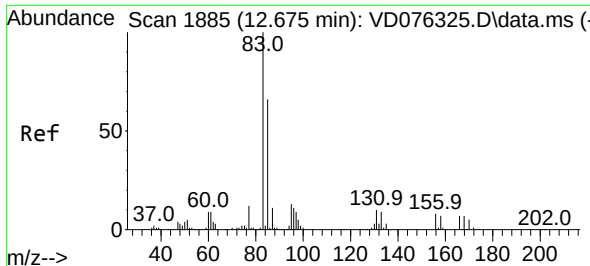
Tgt Ion:105 Resp: 95872
Ion Ratio Lower Upper
105 100
120 29.2 14.3 42.9



#74
N-ethyl acetate
Concen: 8.921 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 43 Resp: 15908
Ion Ratio Lower Upper
43 100
70 57.7 45.0 67.4
55 32.7 23.8 35.6
61 29.3 22.1 33.1

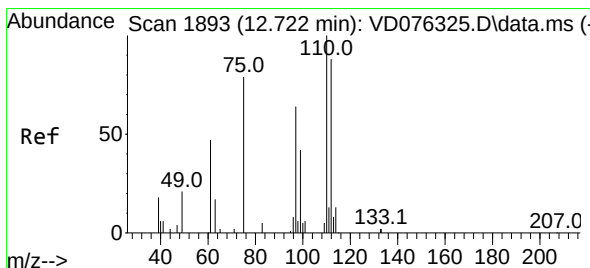
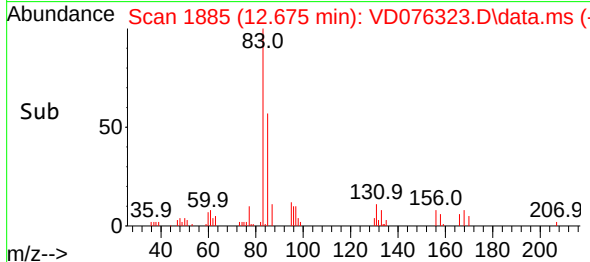
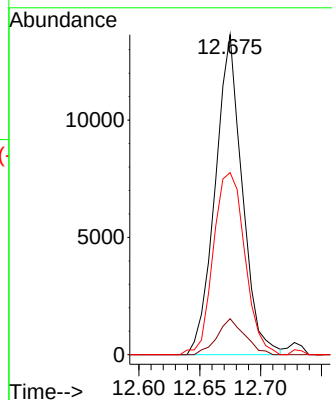
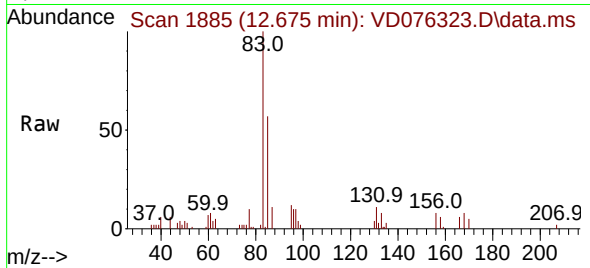




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.114 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

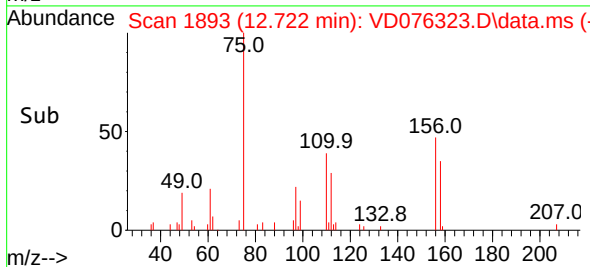
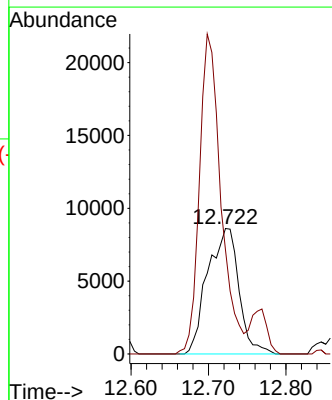
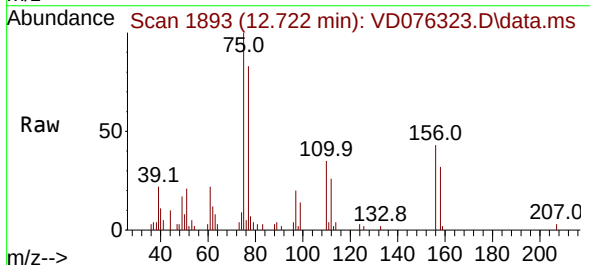
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

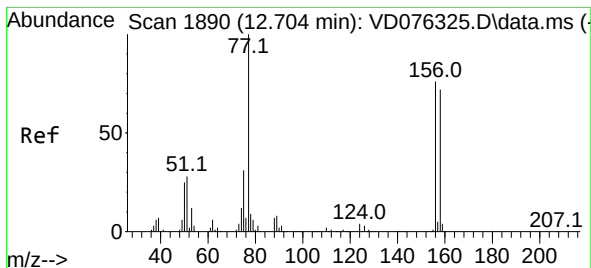
Tgt Ion: 83 Resp: 21054
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.1 15.3
 85 66.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 15.369 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

Tgt Ion: 75 Resp: 24203
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.167 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

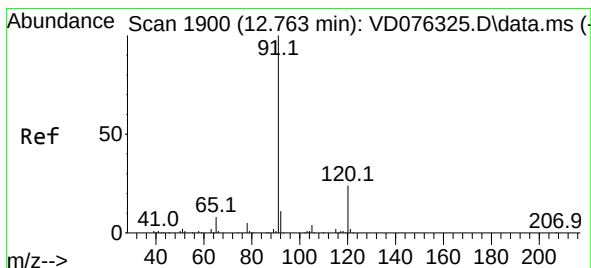
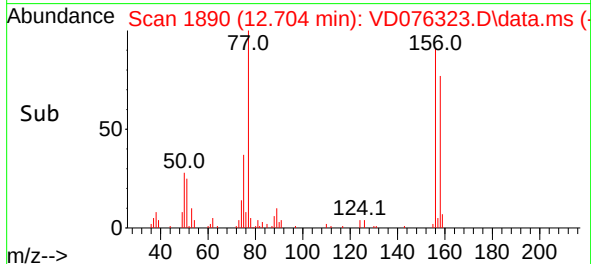
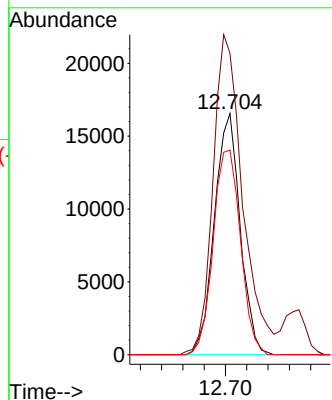
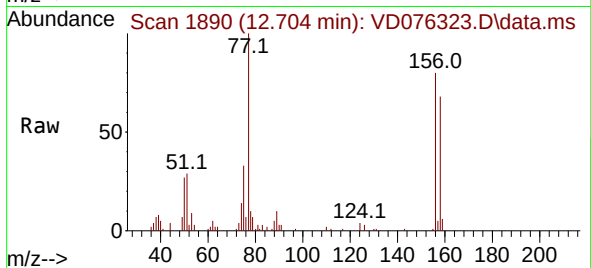
Tgt Ion:156 Resp: 27797

Ion Ratio Lower Upper

156 100

77 152.6 76.8 230.4

158 89.9 48.6 145.9



#78

n-propylbenzene

Concen: 9.302 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076323.D

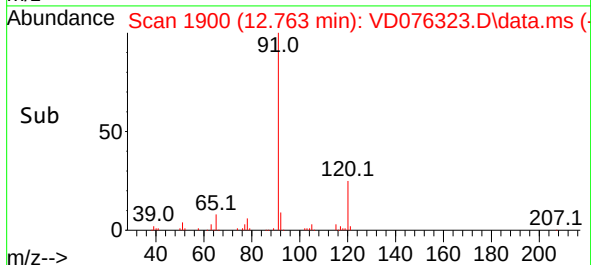
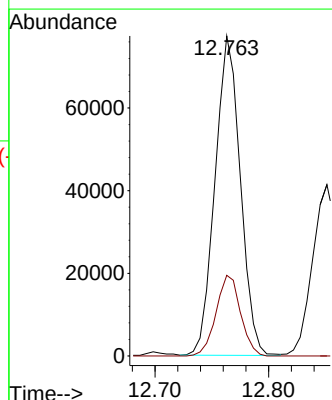
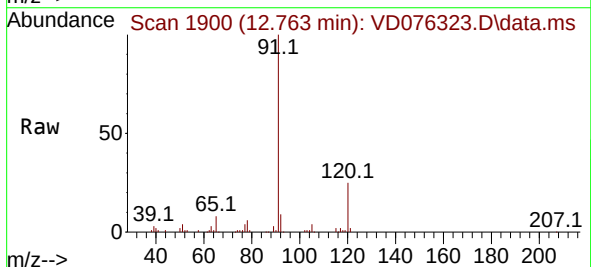
Acq: 05 Jun 2023 13:21

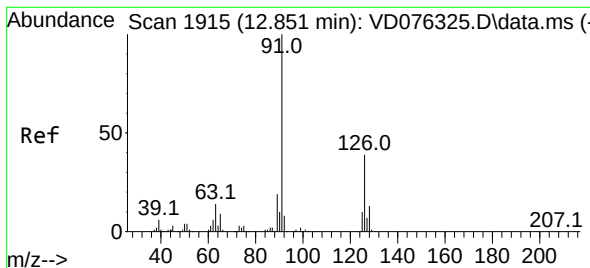
Tgt Ion: 91 Resp: 119583

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 9.463 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

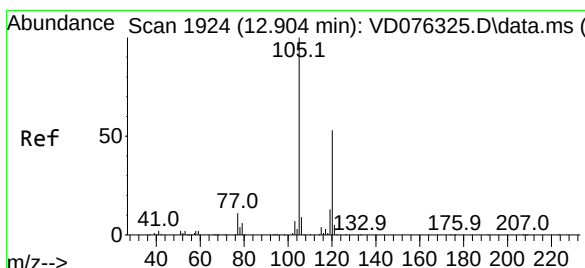
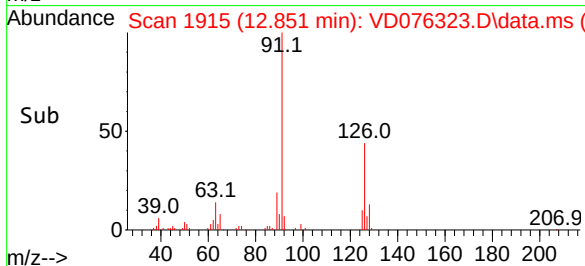
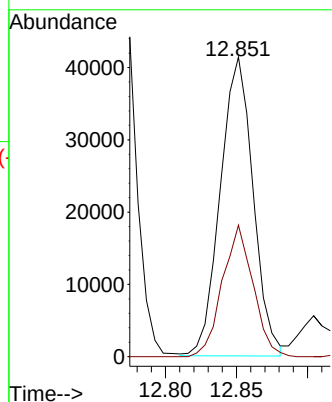
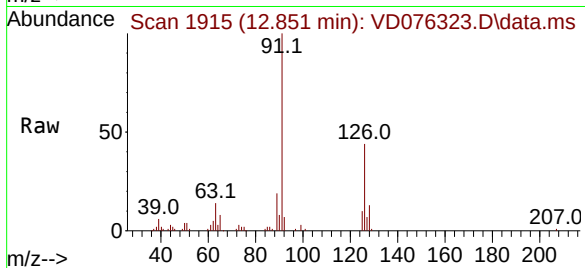
VSTDIC010

Tgt Ion: 91 Resp: 66363

Ion Ratio Lower Upper

91 100

126 41.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 9.645 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076323.D

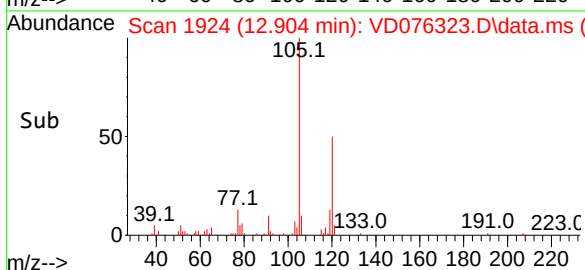
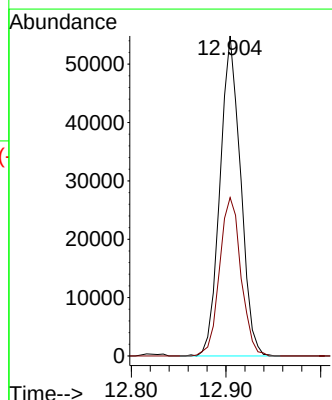
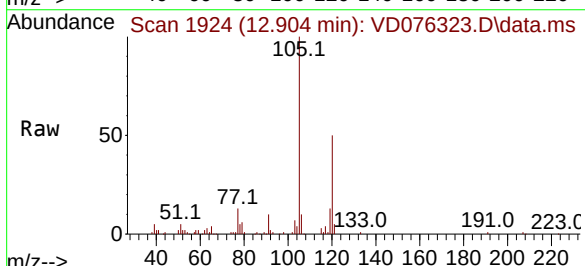
Acq: 05 Jun 2023 13:21

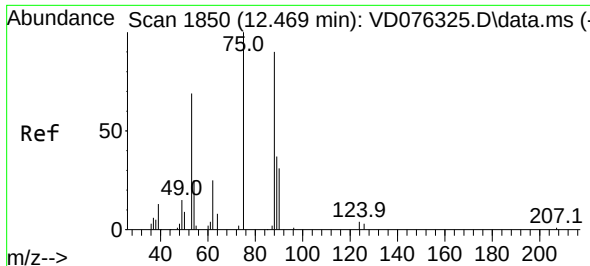
Tgt Ion: 105 Resp: 82703

Ion Ratio Lower Upper

105 100

120 51.6 26.4 79.2

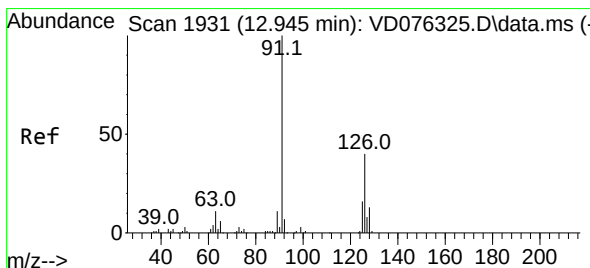
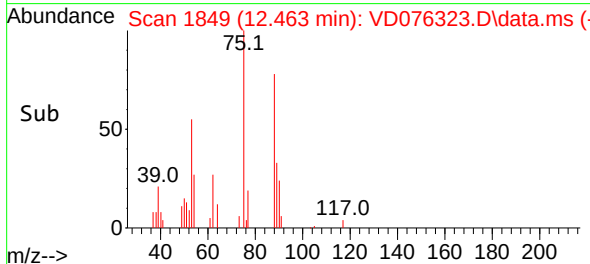
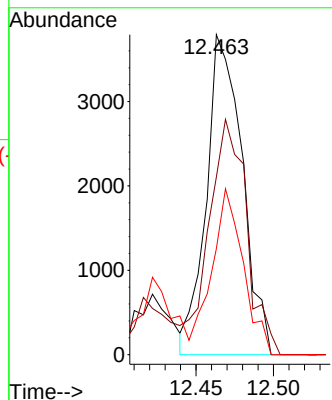
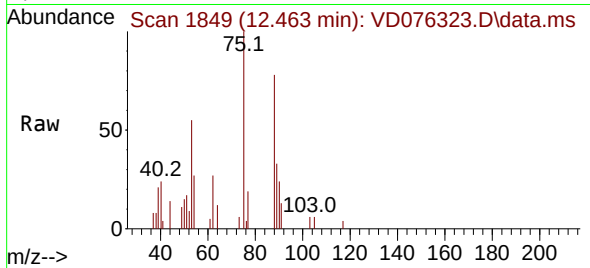




#81
trans-1,4-Dichloro-2-butene
Concen: 9.636 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

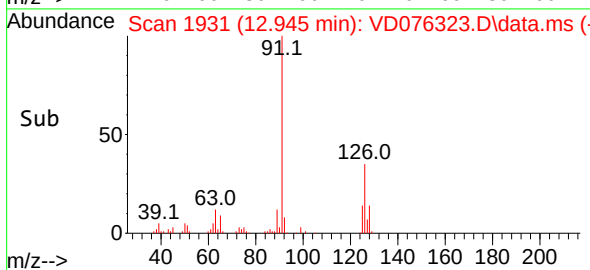
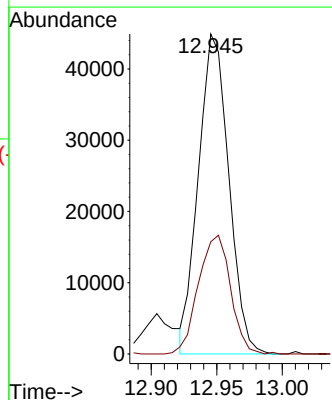
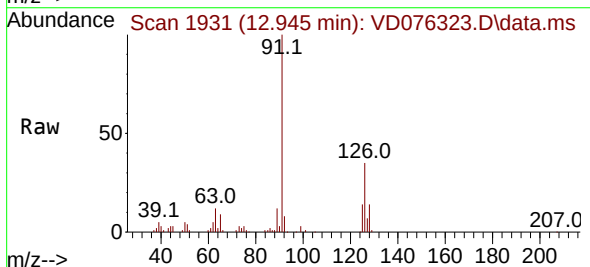
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

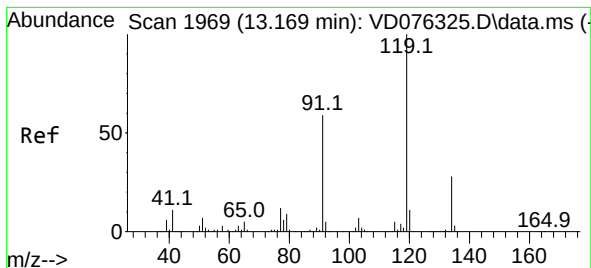
Tgt Ion: 75 Resp: 6100
Ion Ratio Lower Upper
75 100
53 77.1 63.0 94.4
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.701 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 91 Resp: 72434
Ion Ratio Lower Upper
91 100
126 39.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 9.210 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

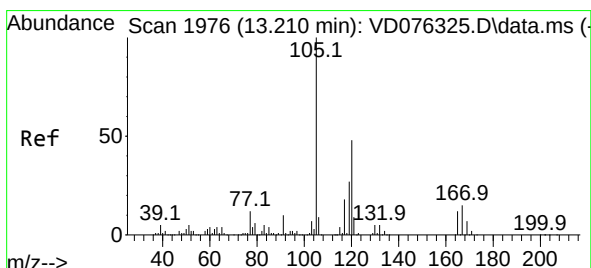
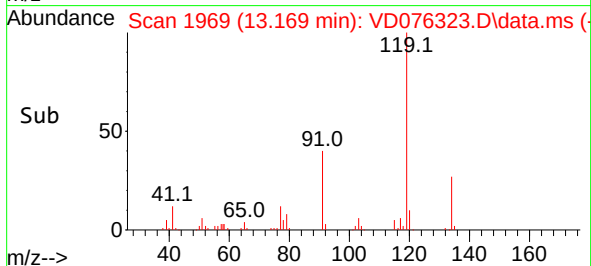
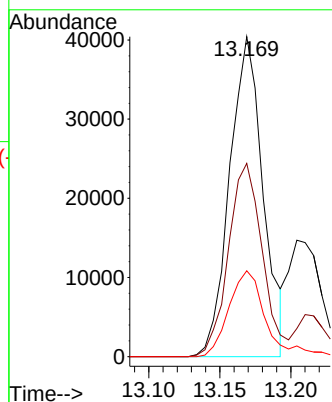
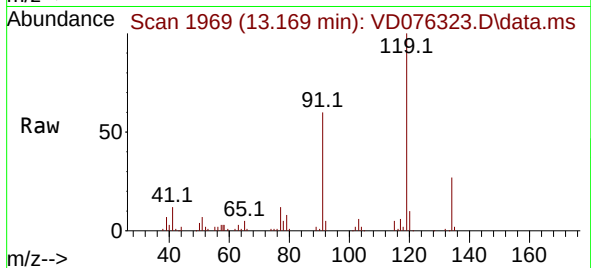
Tgt Ion:119 Resp: 66221

Ion Ratio Lower Upper

119 100

91 61.5 29.3 87.8

134 29.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 9.278 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD076323.D

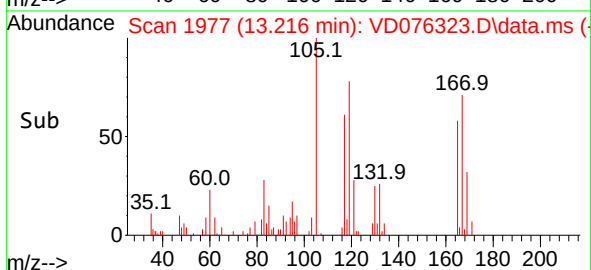
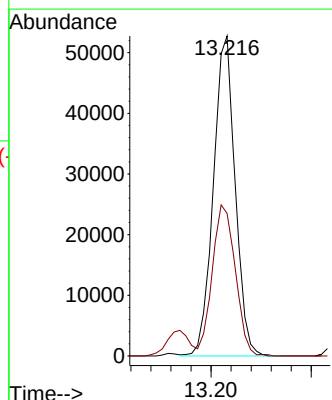
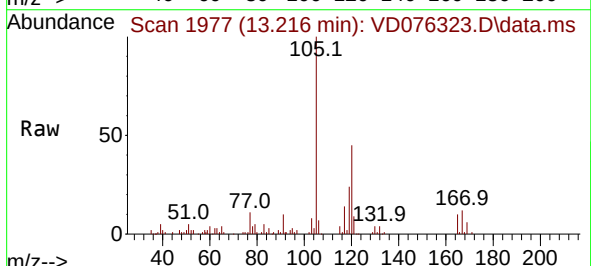
Acq: 05 Jun 2023 13:21

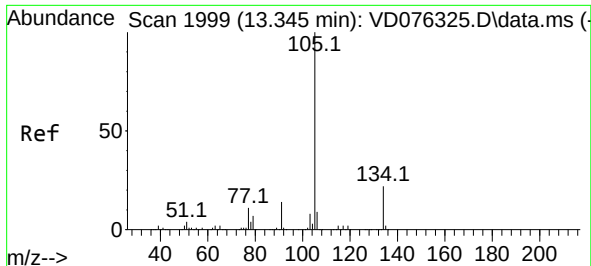
Tgt Ion:105 Resp: 79454

Ion Ratio Lower Upper

105 100

120 49.9 24.3 72.9

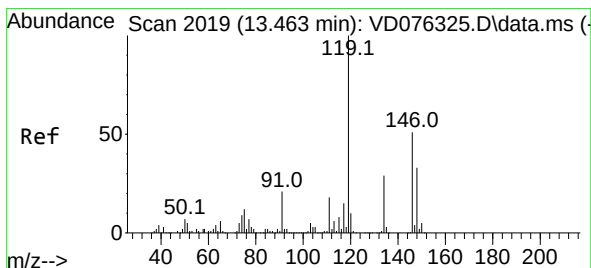
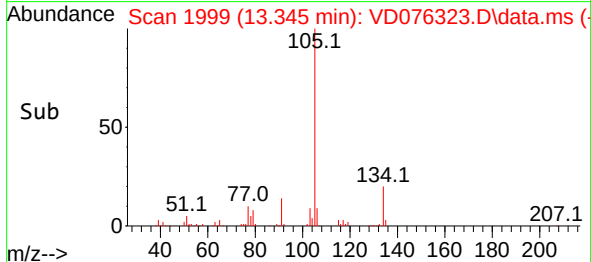
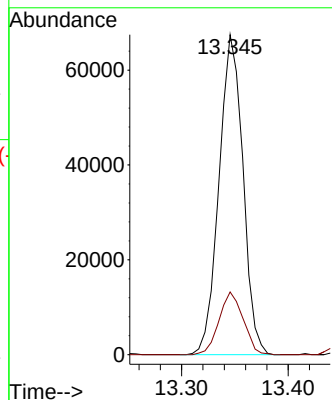
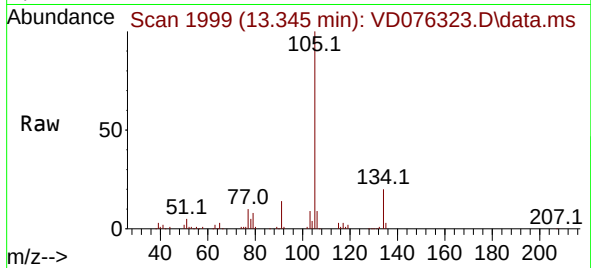




#85
 sec-Butylbenzene
 Concen: 9.509 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

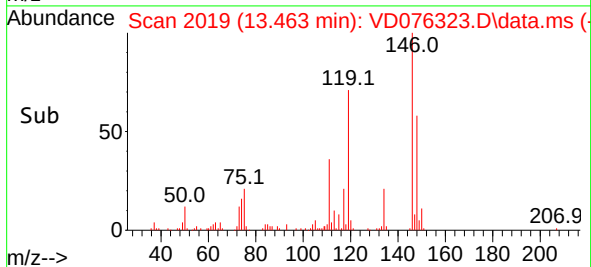
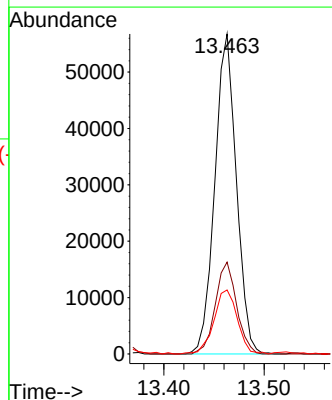
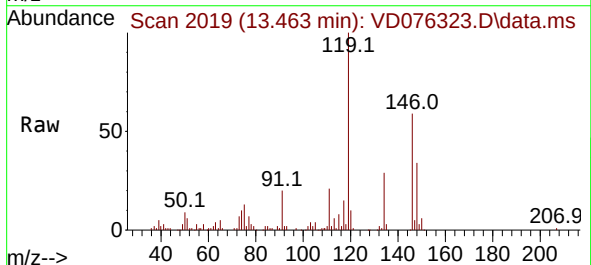
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

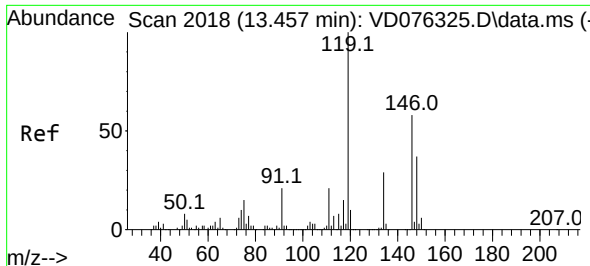
Tgt Ion:105 Resp: 105168
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 9.232 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

Tgt Ion:119 Resp: 84634
 Ion Ratio Lower Upper
 119 100
 134 28.4 14.2 42.6
 91 21.8 10.5 31.5

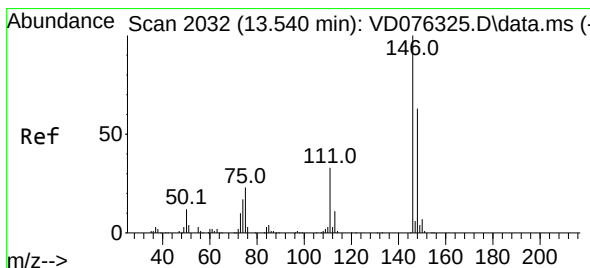
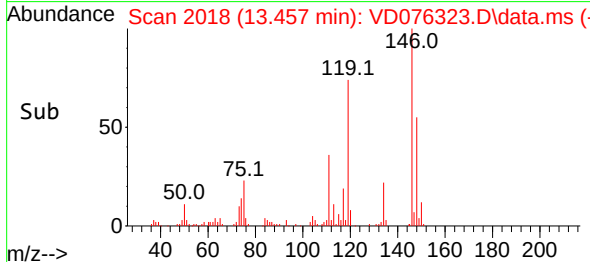
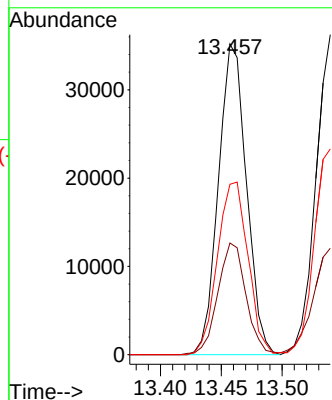
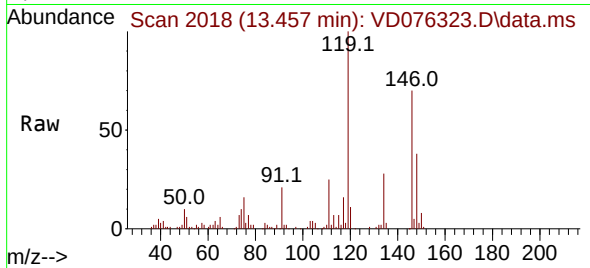




#87
 1,3-Dichlorobenzene
 Concen: 10.240 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

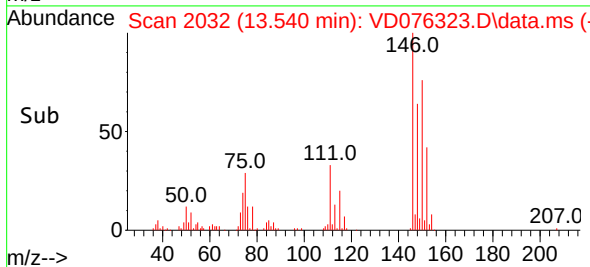
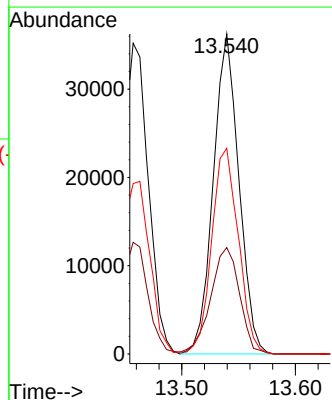
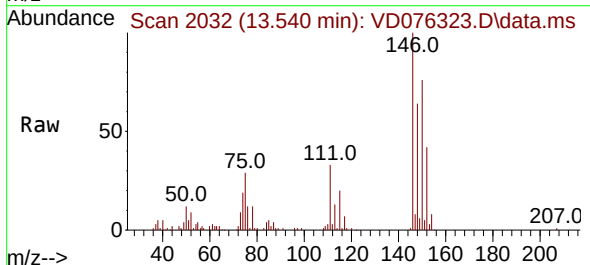
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

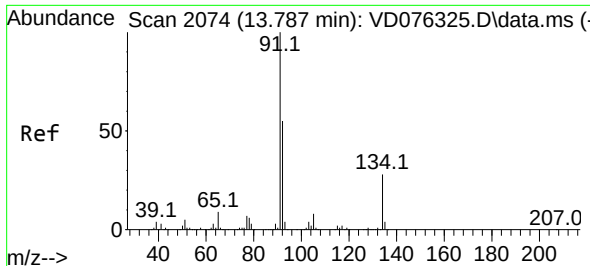
Tgt Ion:146 Resp: 56438
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.9 53.8
 148 60.6 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 10.191 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076323.D
 Acq: 05 Jun 2023 13:21

Tgt Ion:146 Resp: 56872
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.4 52.3
 148 66.8 31.7 95.1

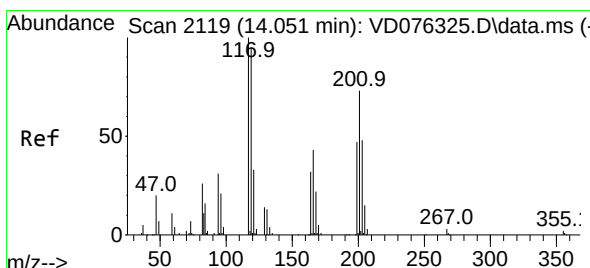
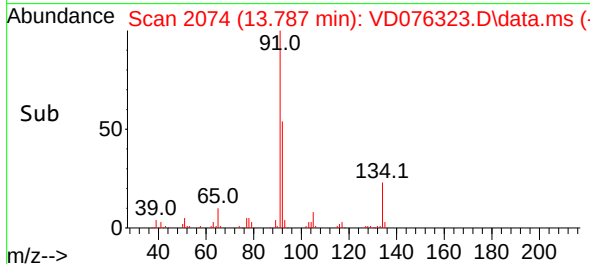
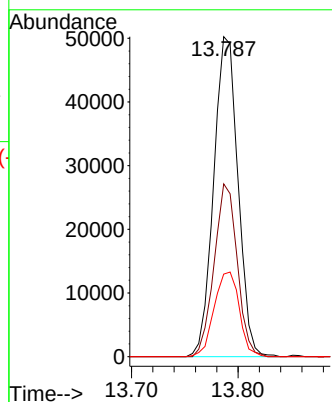
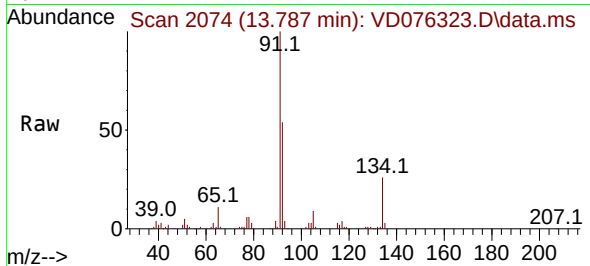




#89
n-Butylbenzene
Concen: 9.328 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

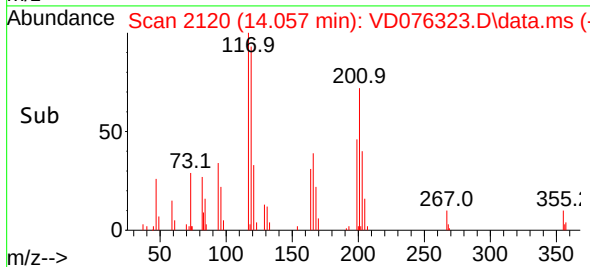
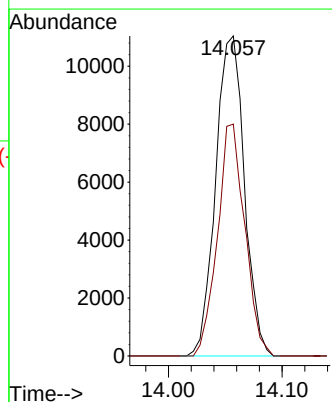
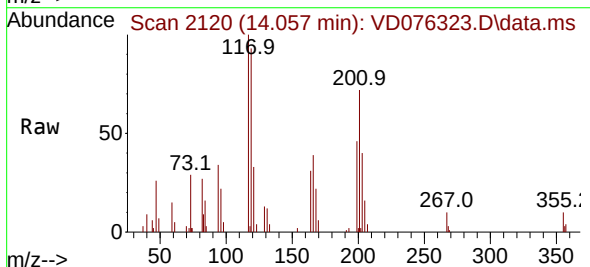
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

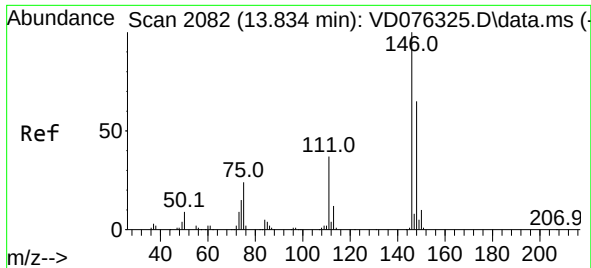
Tgt Ion: 91	Resp:	79480
Ion Ratio	Lower	Upper
91	100	
92	51.3	26.5 79.5
134	27.3	13.8 41.3



#90
Hexachloroethane
Concen: 10.556 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 117	Resp:	19429
Ion Ratio	Lower	Upper
117	100	
201	69.0	38.5 115.5

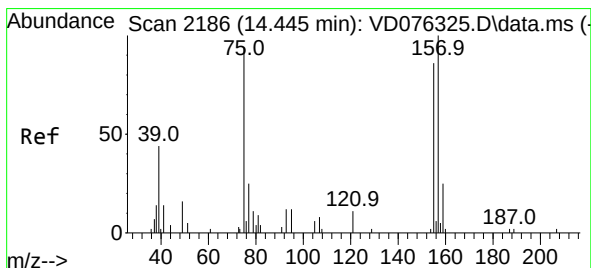
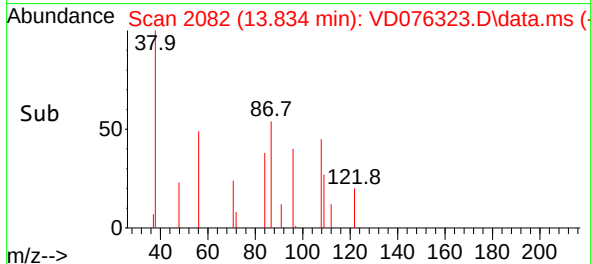
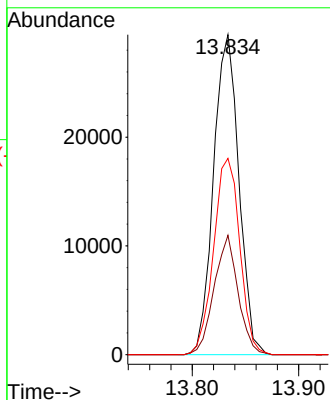
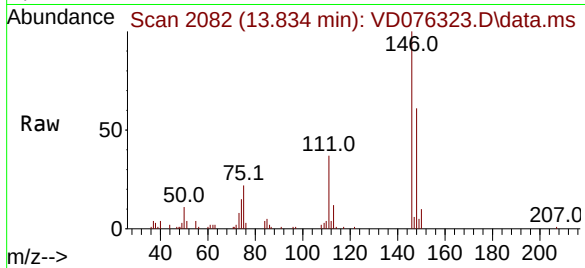




#91
1,2-Dichlorobenzene
Concen: 10.137 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

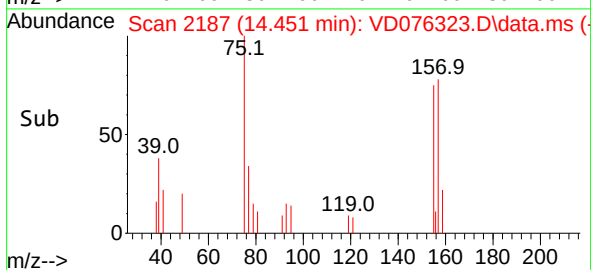
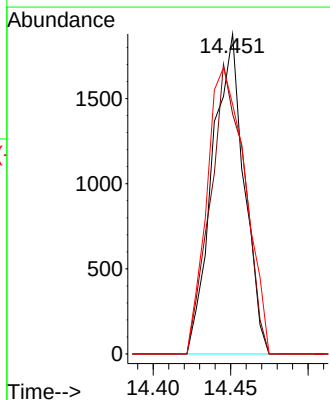
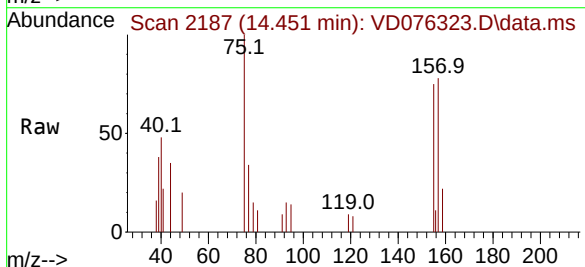
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

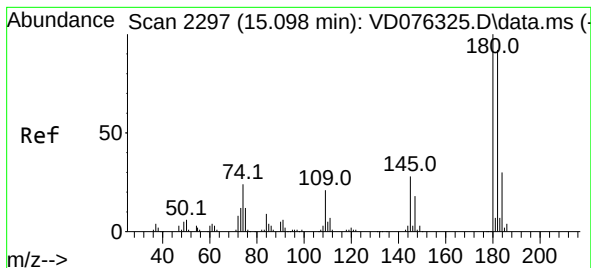
Tgt Ion:146	Resp:	48506
Ion Ratio	Lower	Upper
146	100	
111	35.4	18.3 54.8
148	63.5	31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.728 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion: 75	Resp:	2675
Ion Ratio	Lower	Upper
75	100	
155	97.1	47.9 143.8
157	109.0	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.445 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

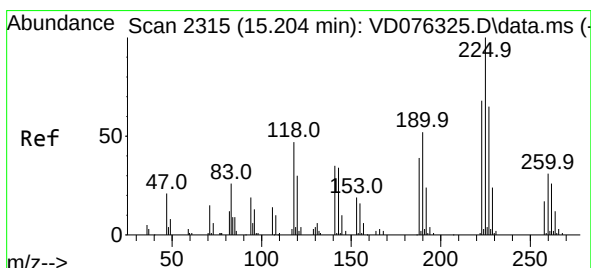
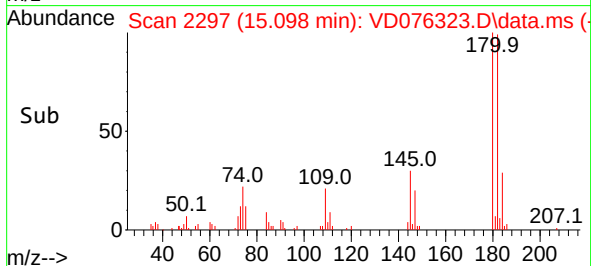
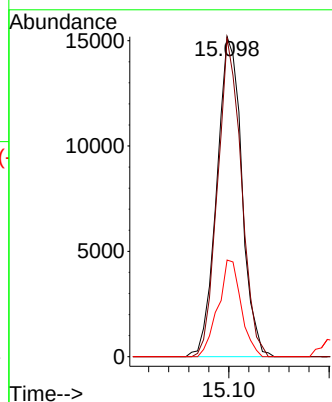
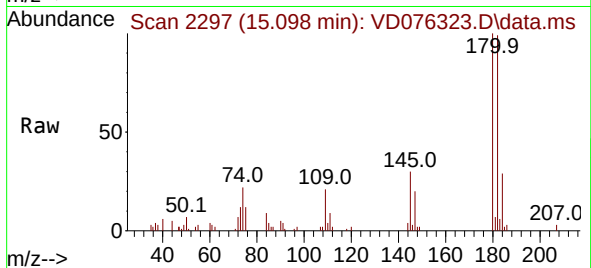
Tgt Ion:180 Resp: 26268

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.532 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076323.D

Acq: 05 Jun 2023 13:21

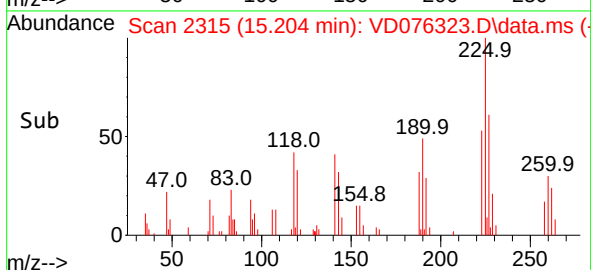
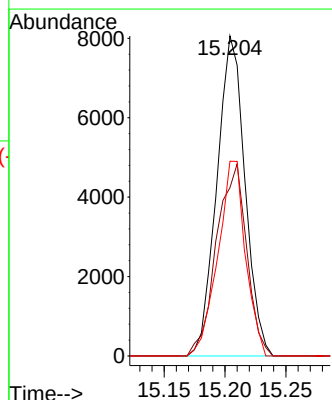
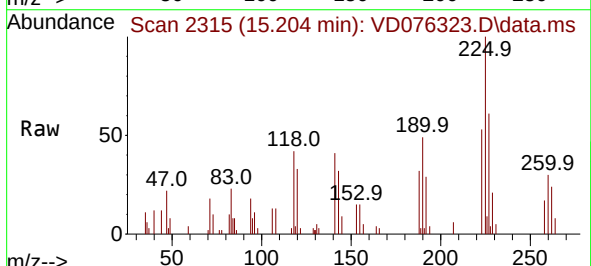
Tgt Ion:225 Resp: 12962

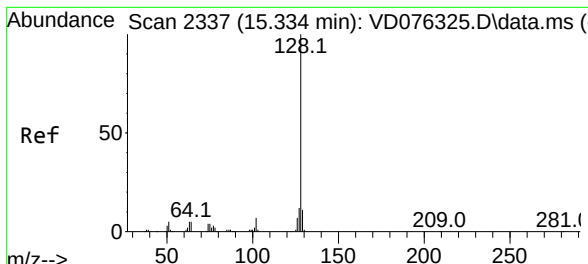
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 59.9 31.7 95.1

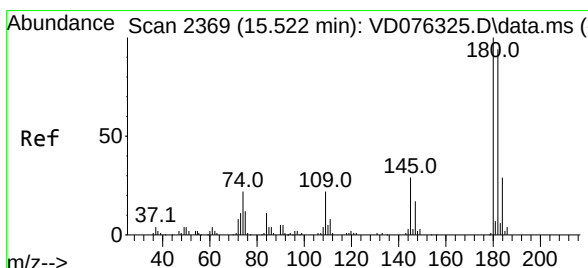
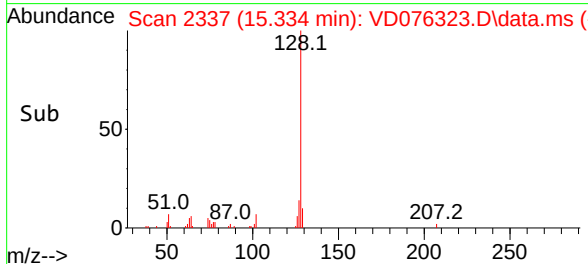
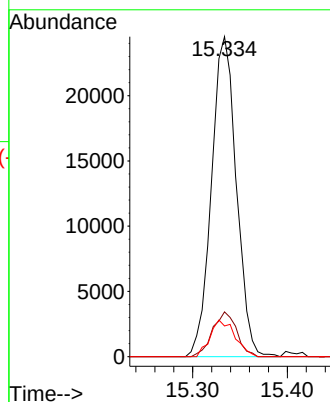
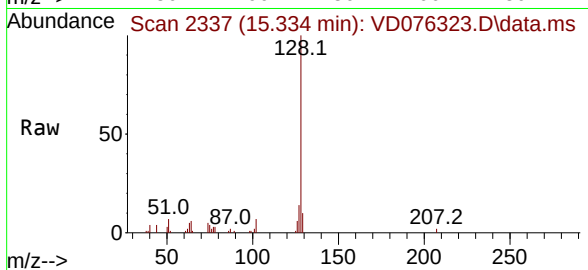




#95
Naphthalene
Concen: 10.498 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	44759
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	9.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 8.798 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076323.D
Acq: 05 Jun 2023 13:21

Tgt Ion:	180	Resp:	21640
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.9
145	32.1	15.1	45.3

