

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077285.D
 Acq On : 06 Oct 2023 12:10
 Operator : JC/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 09 08:25:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 08:25:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	165486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	283662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	20700	9.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.840%#
35) Dibromofluoromethane	7.804	113	25269	10.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.540%#
50) Toluene-d8	10.269	98	79465	9.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.320%#
62) 4-Bromofluorobenzene	12.575	95	28173	10.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24857	10.981	ug/l	93
3) Chloromethane	2.146	50	39559	11.011	ug/l	94
4) Vinyl Chloride	2.281	62	49757	11.369	ug/l	91
5) Bromomethane	2.687	94	30071	9.876	ug/l	98
6) Chloroethane	2.834	64	31046	11.088	ug/l	98
7) Trichlorofluoromethane	3.175	101	45983	10.288	ug/l	92
8) Diethyl Ether	3.587	74	12801	9.668	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.958	101	27647	10.106	ug/l	97
10) Methyl Iodide	4.163	142	33936	9.921	ug/l	91
11) Tert butyl alcohol	5.058	59	8486	54.716	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	27857	10.380	ug/l	95
13) Acrolein	3.793	56	4730	53.249	ug/l	99
14) Allyl chloride	4.563	41	33341	9.511	ug/l	93
15) Acrylonitrile	5.258	53	30721	49.711	ug/l	97
16) Acetone	4.022	43	30022	52.311	ug/l	87
17) Carbon Disulfide	4.269	76	92835	10.379	ug/l #	91
18) Methyl Acetate	4.563	43	22273	9.914	ug/l #	85
19) Methyl tert-butyl Ether	5.322	73	52928	9.332	ug/l	97
20) Methylene Chloride	4.799	84	71645	13.596	ug/l	87
21) trans-1,2-Dichloroethene	5.310	96	31583	9.945	ug/l	89
22) Diisopropyl ether	6.216	45	73802	9.670	ug/l	94
23) Vinyl Acetate	6.152	43	149244	46.440	ug/l	97
24) 1,1-Dichloroethane	6.110	63	55423	10.324	ug/l	97
25) 2-Butanone	7.081	43	39253	50.830	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	46267	10.228	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	33950	9.747	ug/l	91
28) Bromochloromethane	7.422	49	21518	10.276	ug/l #	79
29) Tetrahydrofuran	7.446	42	21199	48.344	ug/l	86
30) Chloroform	7.599	83	59176	10.580	ug/l	91
31) Cyclohexane	7.875	56	42932	9.933	ug/l #	88
32) 1,1,1-Trichloroethane	7.793	97	49725	10.572	ug/l	99
36) 1,1-Dichloropropene	8.004	75	41887	10.128	ug/l	96
37) Ethyl Acetate	7.169	43	16252	9.844	ug/l #	75
38) Carbon Tetrachloride	7.987	117	39874	10.310	ug/l	98
39) Methylcyclohexane	9.275	83	43530	9.226	ug/l	94
40) Benzene	8.251	78	127265	10.145	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7720	8.559	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	31107	10.378	ug/l	98
43) Isopropyl Acetate	8.357	43	29692	9.801	ug/l	97
44) Trichloroethene	9.028	130	33364	10.419	ug/l	99
45) 1,2-Dichloropropane	9.304	63	32734	10.384	ug/l	98
46) Dibromomethane	9.393	93	18114	10.593	ug/l	88
47) Bromodichloromethane	9.587	83	42748	10.407	ug/l	97
48) Methyl methacrylate	9.381	41	13066	9.487	ug/l #	77
49) 1,4-Dioxane	9.381	88	3605	202.510	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	76248	48.444	ug/l	90
52) Toluene	10.334	92	77895	10.024	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	37796	9.835	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	46561	9.878	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	24613	10.521	ug/l #	85
56) Ethyl methacrylate	10.598	69	23656	9.236	ug/l	91
57) 1,3-Dichloropropane	10.881	76	39689	10.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	55417	45.272	ug/l	93
59) 2-Hexanone	10.922	43	53908	47.949	ug/l	85
60) Dibromochloromethane	11.075	129	28519	10.501	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23497	10.752	ug/l	96
64) Tetrachloroethene	10.804	164	26827	10.224	ug/l	92
65) Chlorobenzene	11.604	112	81895	9.994	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	30435	10.392	ug/l	94
67) Ethyl Benzene	11.681	91	133375	9.180	ug/l	100
68) m/p-Xylenes	11.792	106	107771	18.994	ug/l	91
69) o-Xylene	12.116	106	46811	9.042	ug/l	88
70) Styrene	12.134	104	84918	9.457	ug/l	98
71) Bromoform	12.298	173	16887	10.812	ug/l #	98
73) Isopropylbenzene	12.422	105	125490	9.149	ug/l	96
74) N-amyl acetate	12.234	43	26606	9.395	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	27413	9.888	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	31317	16.621	ug/l #	100
77) Bromobenzene	12.704	156	30355	9.626	ug/l	83
78) n-propylbenzene	12.763	91	157634	9.195	ug/l	94
79) 2-Chlorotoluene	12.845	91	86580	9.348	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	103945	9.194	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8917	10.037	ug/l	90
82) 4-Chlorotoluene	12.945	91	93843	9.538	ug/l	97
83) tert-Butylbenzene	13.163	119	85548	8.946	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	102628	9.060	ug/l	97
85) sec-Butylbenzene	13.345	105	137522	9.260	ug/l	96
86) p-Isopropyltoluene	13.463	119	111469	9.109	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	66409	9.985	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	66440	10.109	ug/l	96
89) n-Butylbenzene	13.786	91	105549	8.915	ug/l	97
90) Hexachloroethane	14.057	117	24904	10.067	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	56399	9.907	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3878	10.481	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	32841	9.522	ug/l	97
94) Hexachlorobutadiene	15.204	225	17877	9.992	ug/l	98
95) Naphthalene	15.333	128	56842	8.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30041	9.886	ug/l	95

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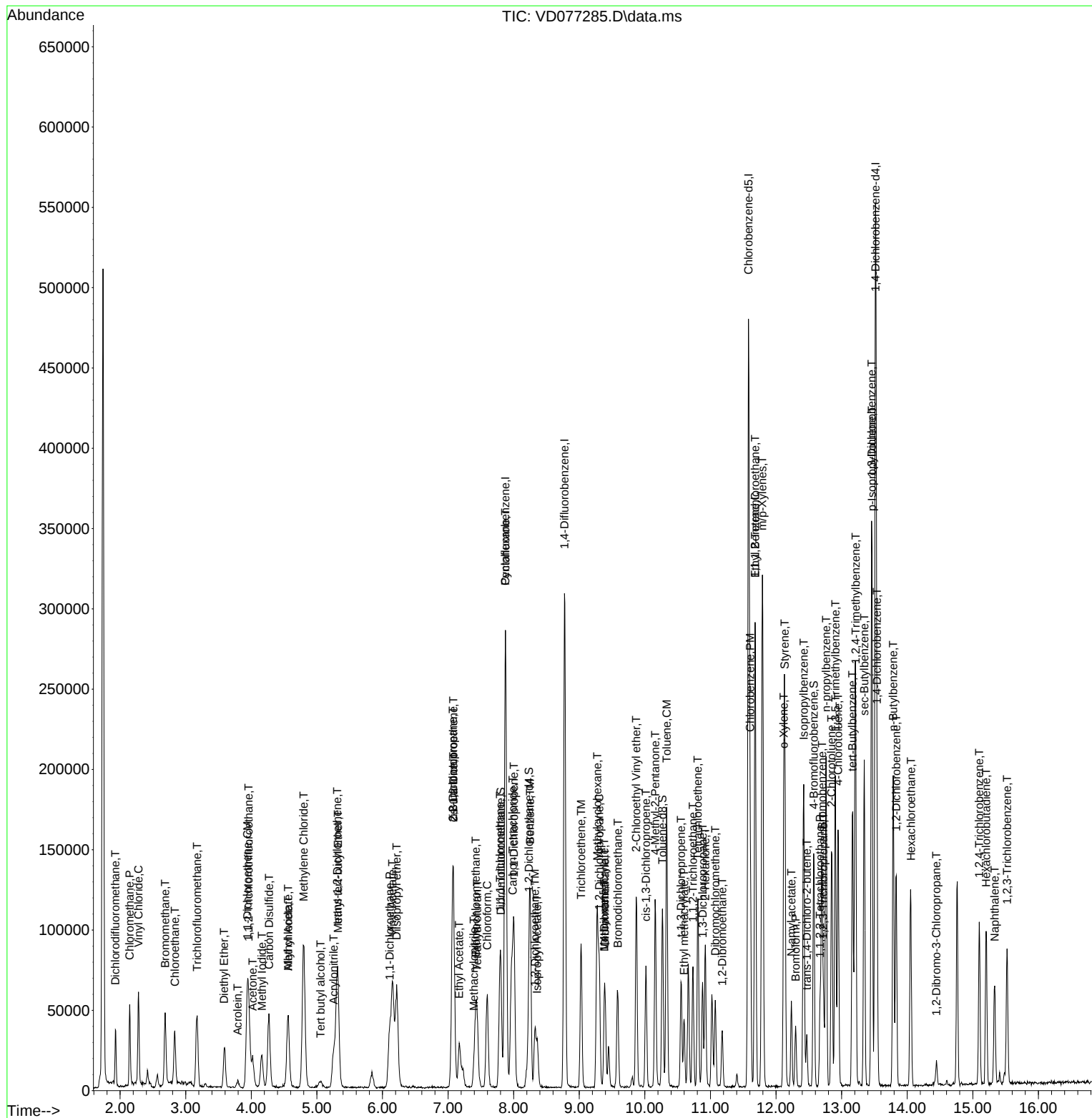
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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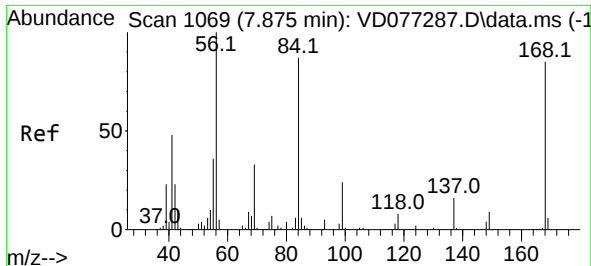
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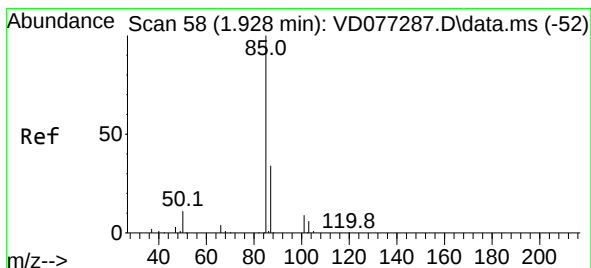
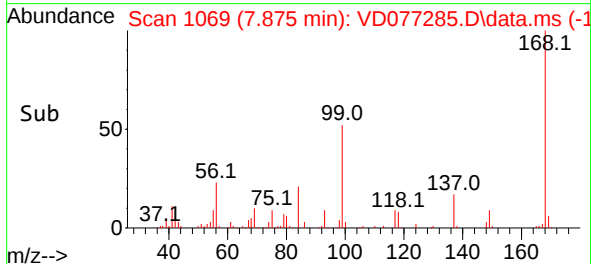
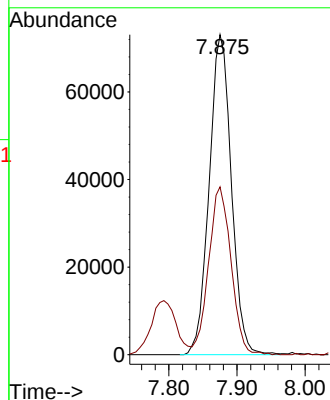
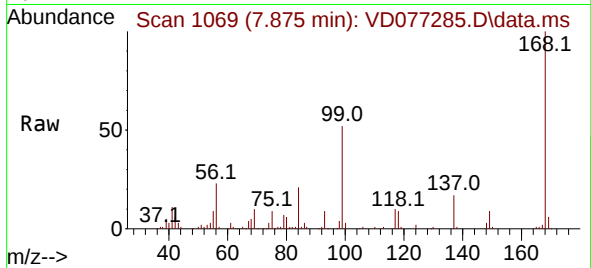




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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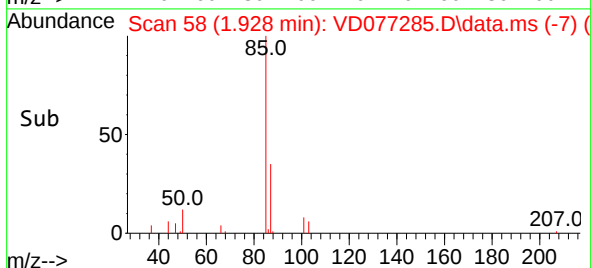
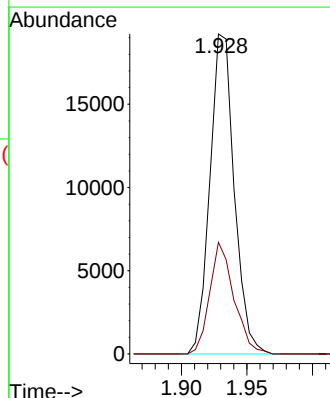
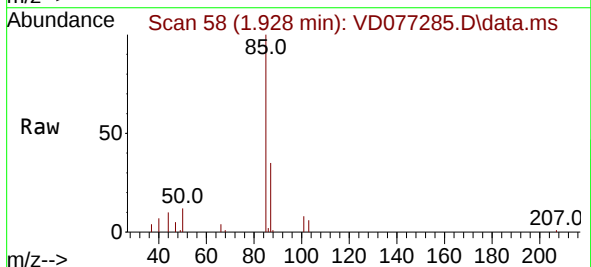
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

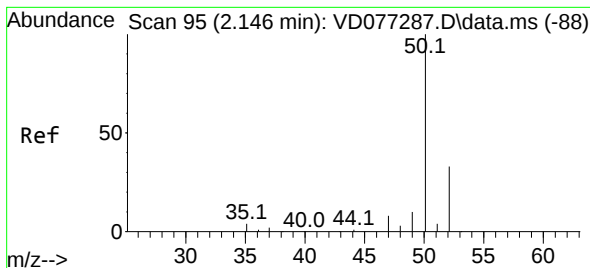
Tgt Ion:168 Resp: 165486
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 10.981 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 85 Resp: 24857
Ion Ratio Lower Upper
85 100
87 34.9 15.7 47.0





#3

Chloromethane

Concen: 11.011 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

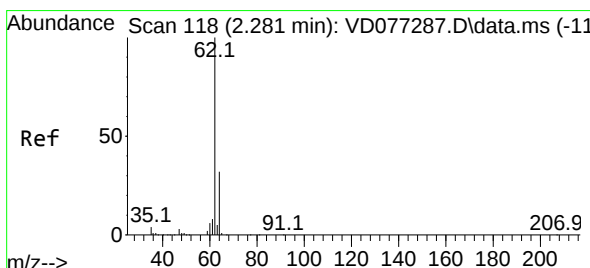
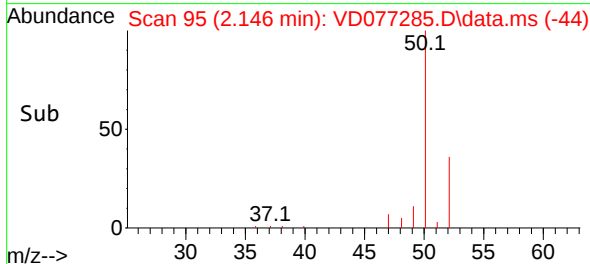
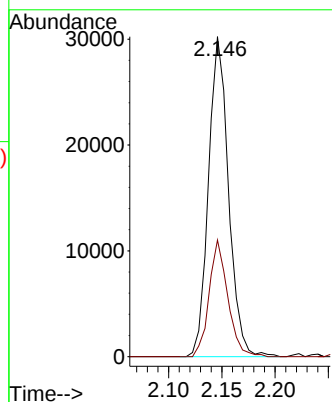
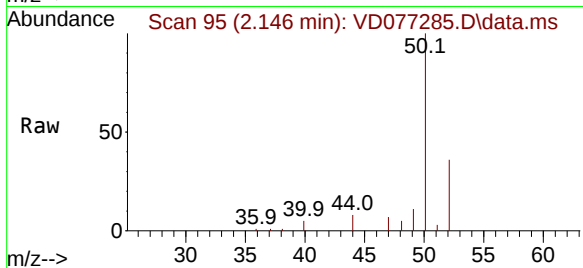
VSTDIC010

Tgt Ion: 50 Resp: 39559

Ion Ratio Lower Upper

50 100

52 36.4 26.6 40.0



#4

Vinyl Chloride

Concen: 11.369 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077285.D

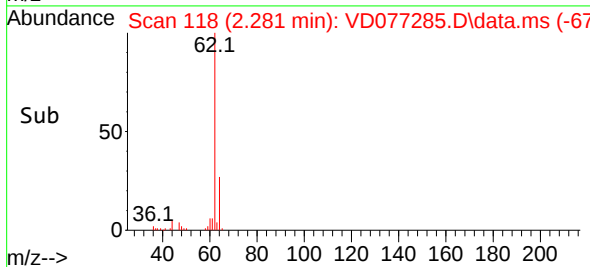
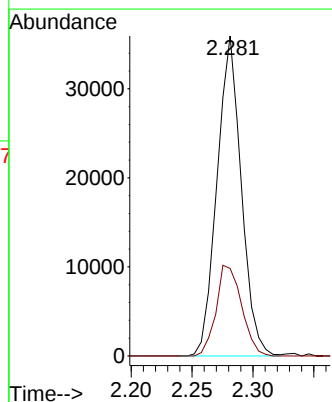
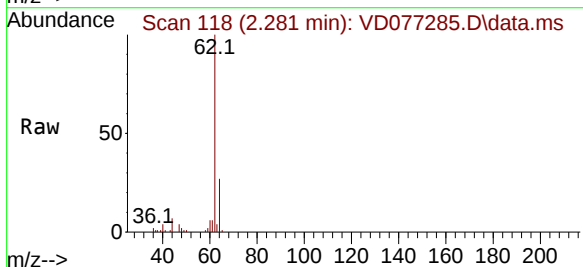
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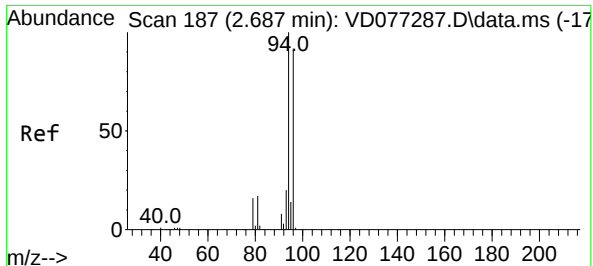
Tgt Ion: 62 Resp: 49757

Ion Ratio Lower Upper

62 100

64 27.3 26.0 39.0

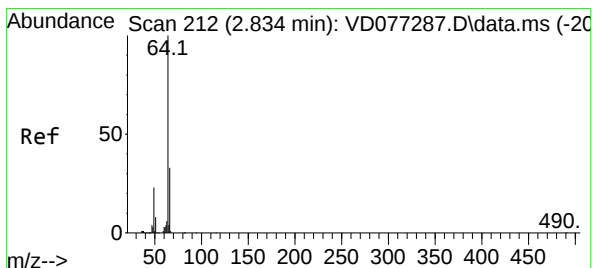
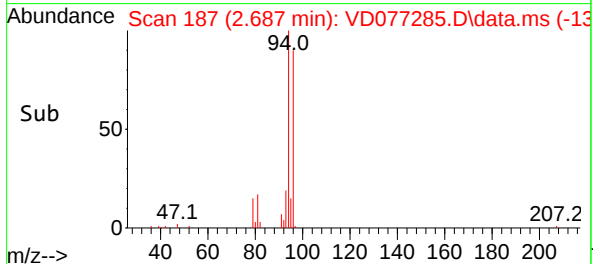
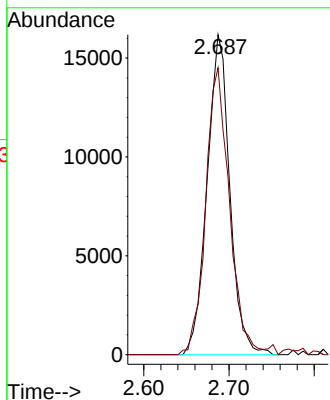
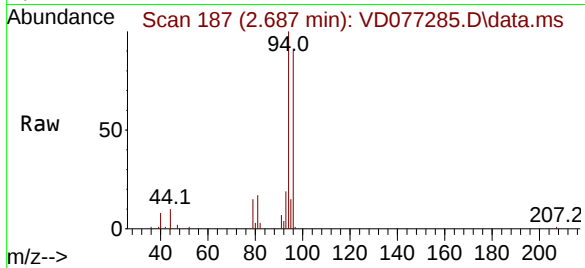




#5
Bromomethane
Concen: 9.876 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077285.D
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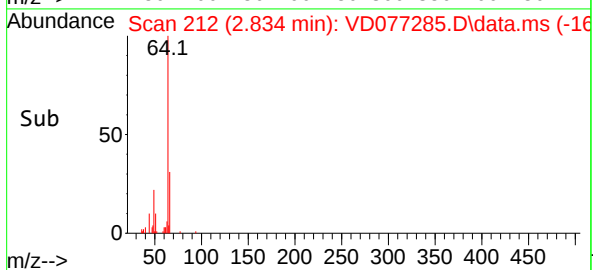
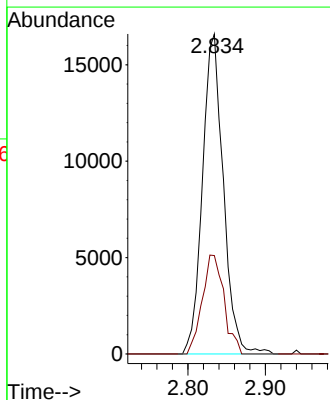
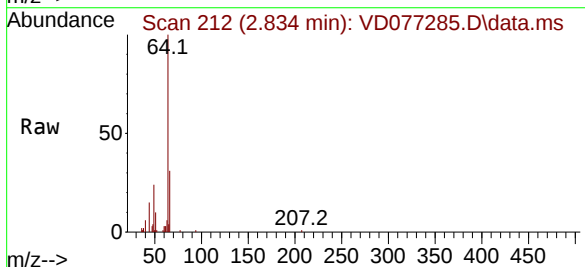
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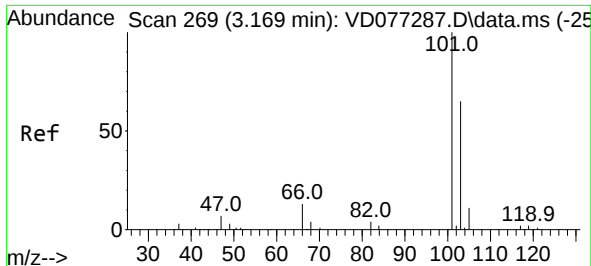
Tgt Ion: 94 Resp: 30071
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 11.088 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 64 Resp: 31046
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

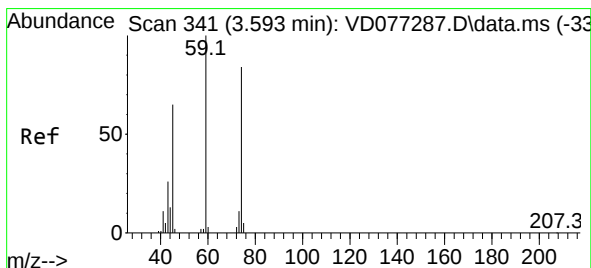
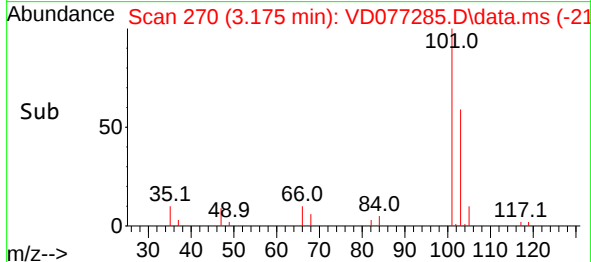
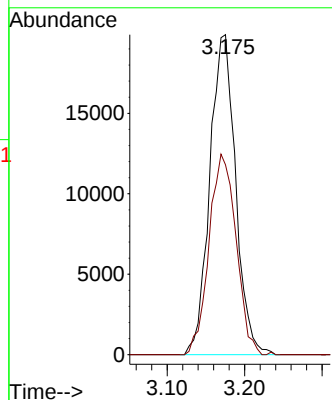
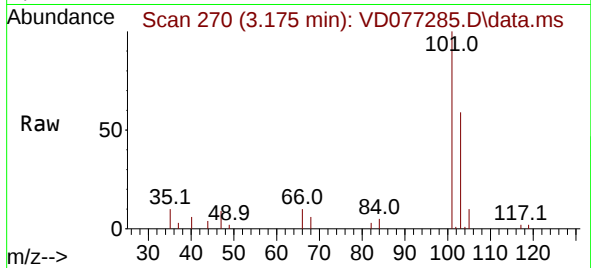




#7
 Trichlorofluoromethane
 Concen: 10.288 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

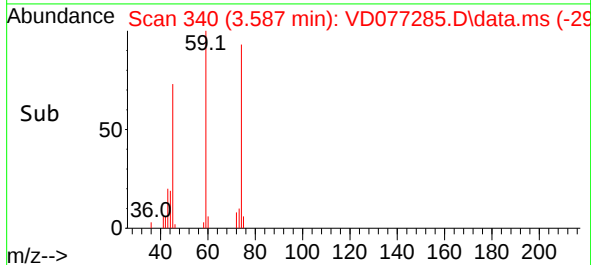
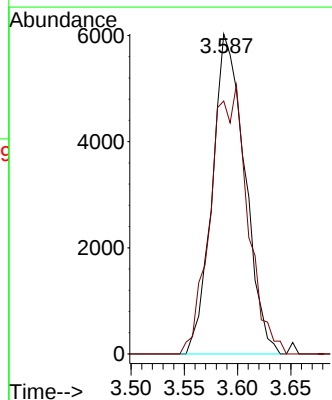
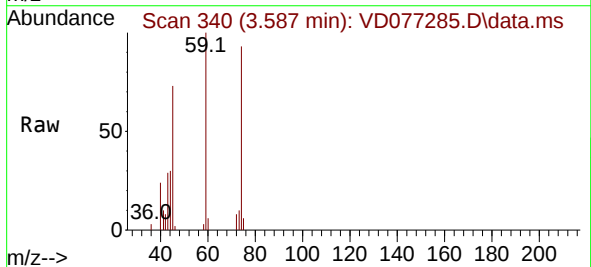
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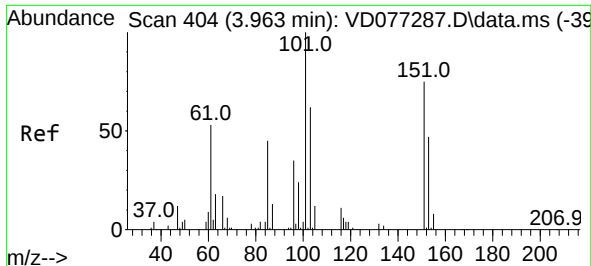
Tgt Ion:101 Resp: 45983
 Ion Ratio Lower Upper
 101 100
 103 59.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 9.668 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

Tgt Ion: 74 Resp: 12801
 Ion Ratio Lower Upper
 74 100
 45 95.3 37.5 112.7

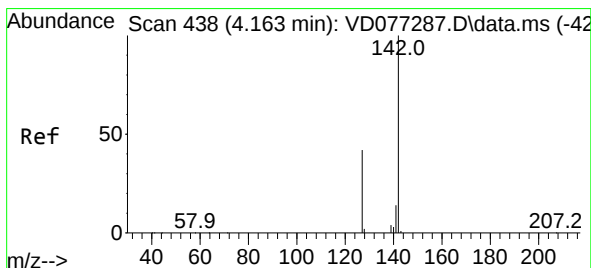
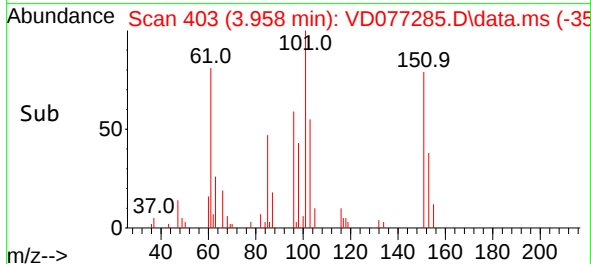
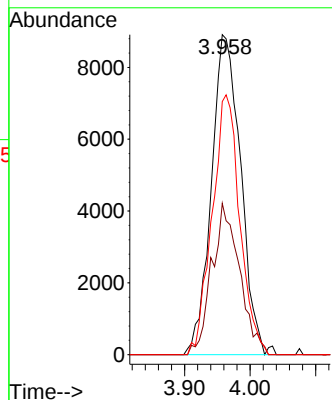
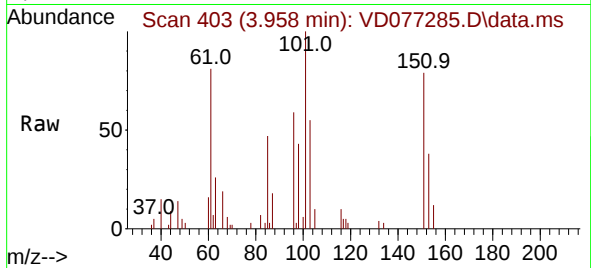




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.106 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

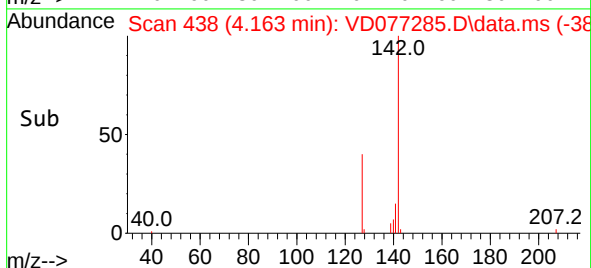
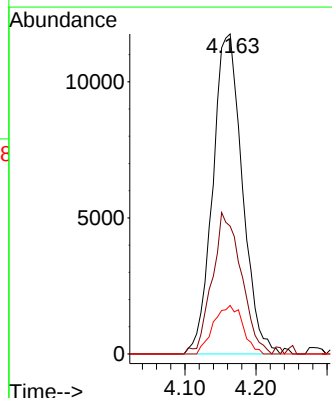
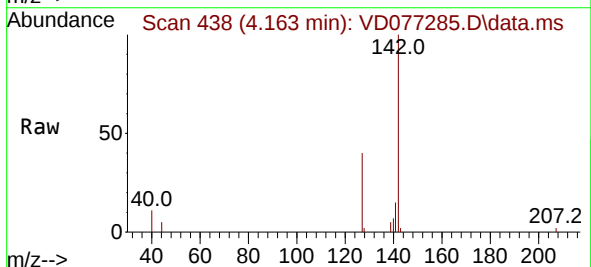
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

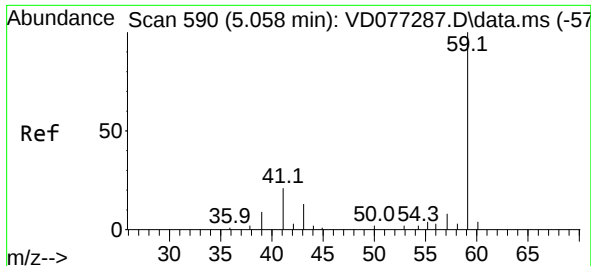
Tgt Ion:101 Resp: 27647
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 76.6 59.8 89.6



#10
Methyl Iodide
Concen: 9.921 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:142 Resp: 33936
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 15.0 11.1 16.7

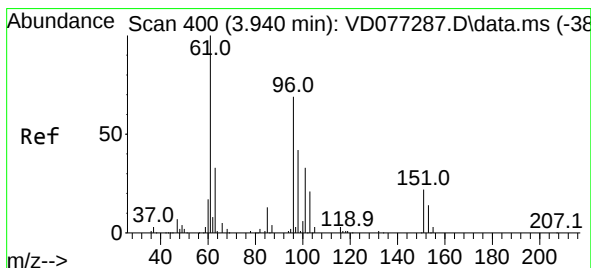
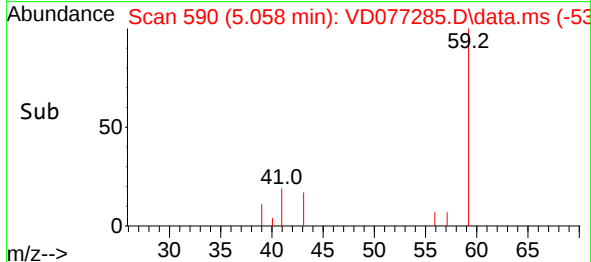
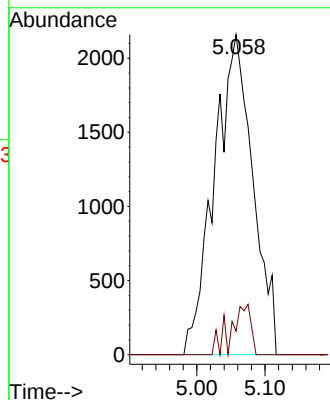
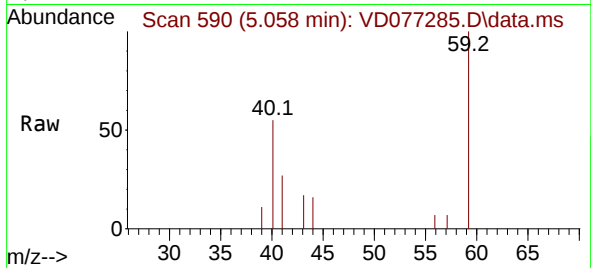




#11
Tert butyl alcohol
Concen: 54.716 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

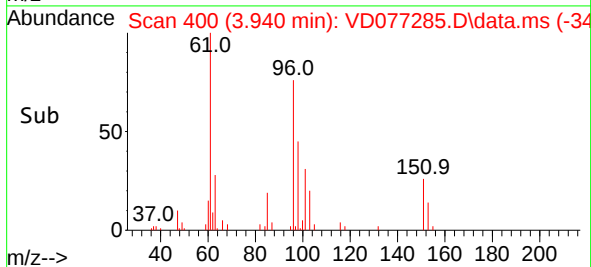
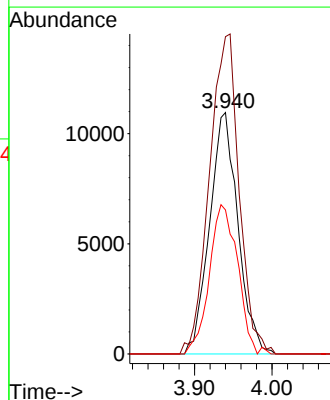
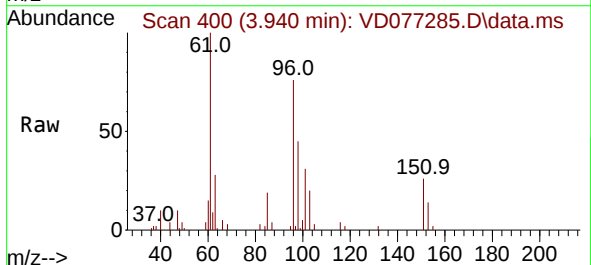
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

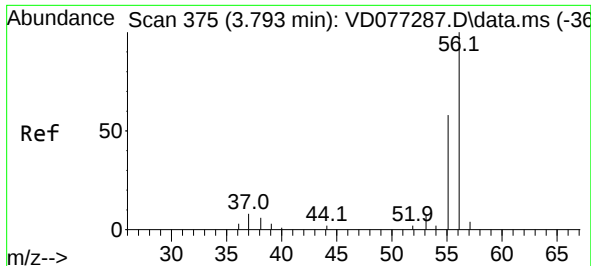
Tgt Ion: 59 Resp: 8486
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 10.380 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 96 Resp: 27857
Ion Ratio Lower Upper
96 100
61 131.4 100.6 150.8
98 59.6 50.2 75.2





#13

Acrolein

Concen: 53.249 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

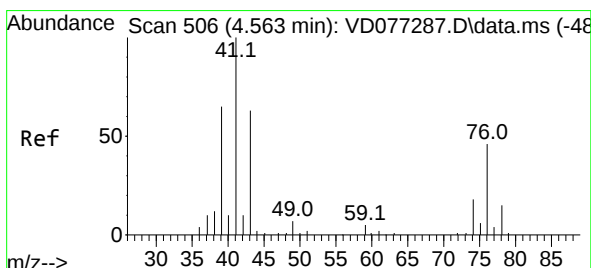
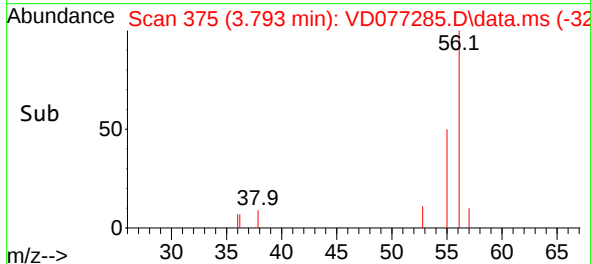
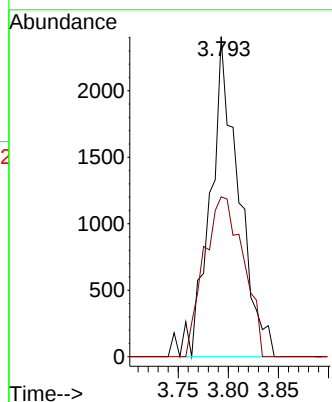
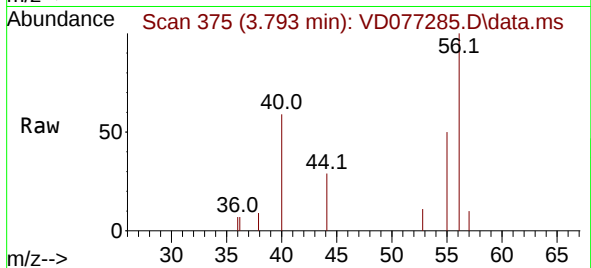
VSTDICC010

Tgt Ion: 56 Resp: 4730

Ion Ratio Lower Upper

56 100

55 69.3 55.1 82.7



#14

Allyl chloride

Concen: 9.511 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

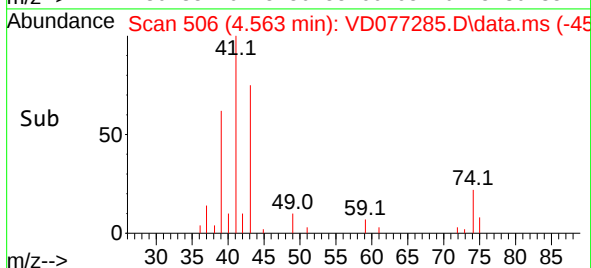
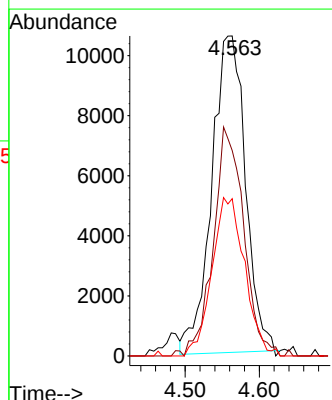
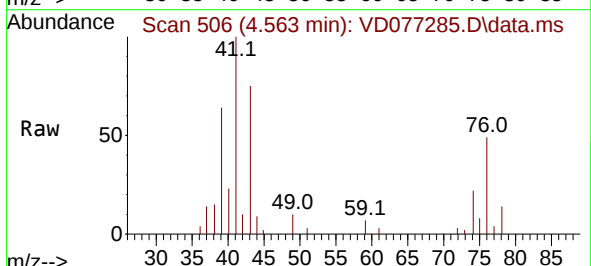
Tgt Ion: 41 Resp: 33341

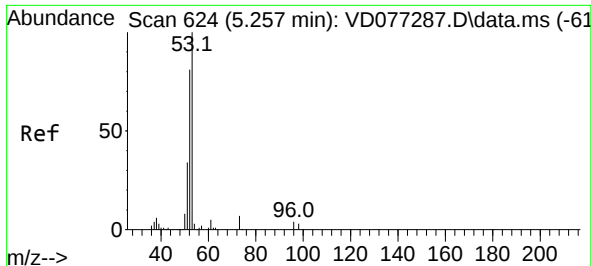
Ion Ratio Lower Upper

41 100

39 65.1 53.8 80.6

76 48.7 45.8 68.8

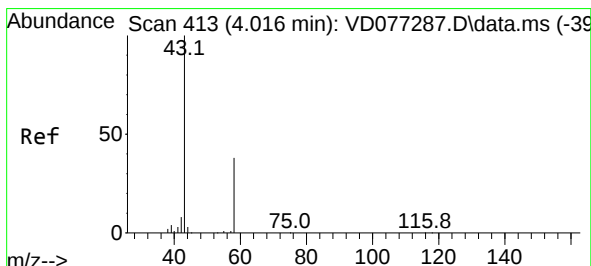
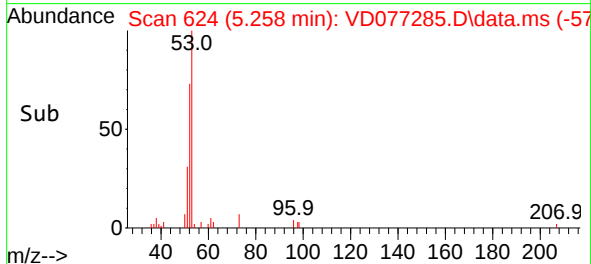
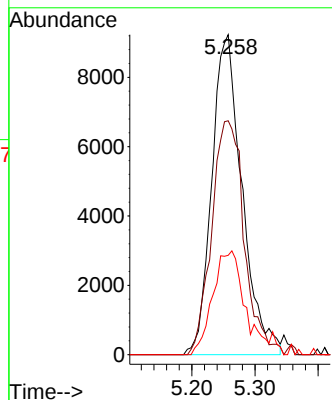
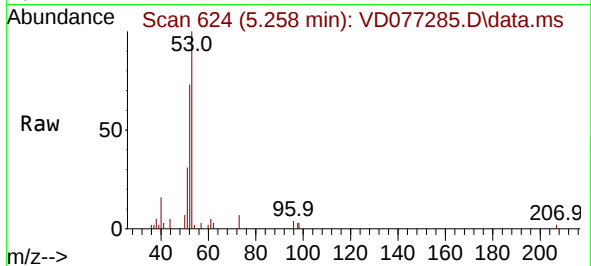




#15
Acrylonitrile
Concen: 49.711 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

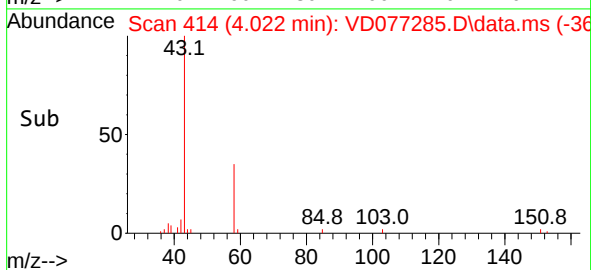
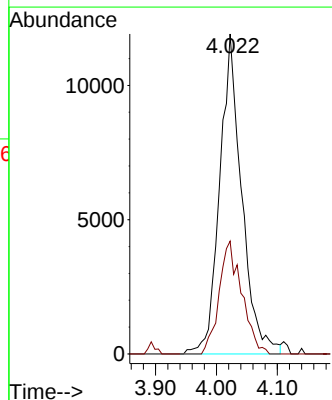
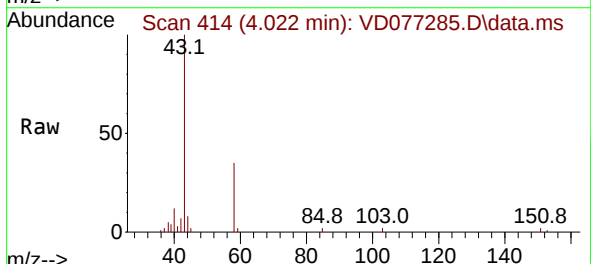
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

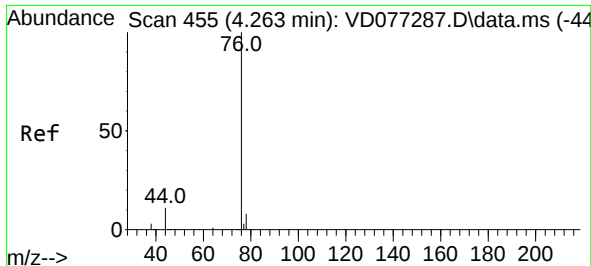
Tgt Ion: 53 Resp: 30721
Ion Ratio Lower Upper
53 100
52 78.4 65.0 97.4
51 34.3 28.3 42.5



#16
Acetone
Concen: 52.311 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 43 Resp: 30022
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

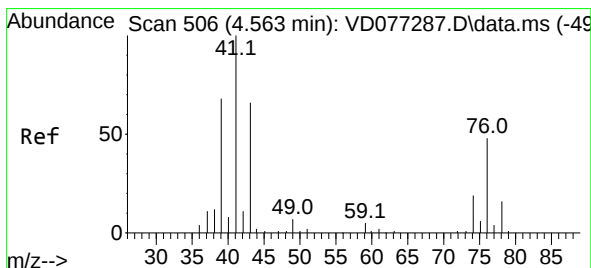
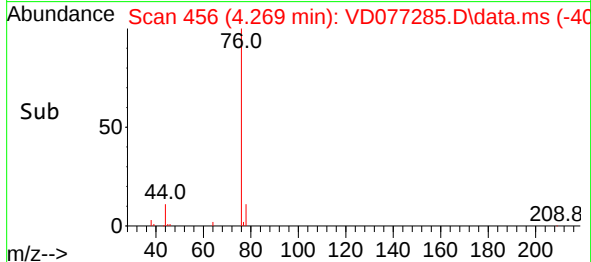
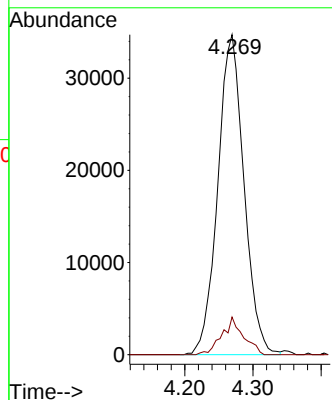
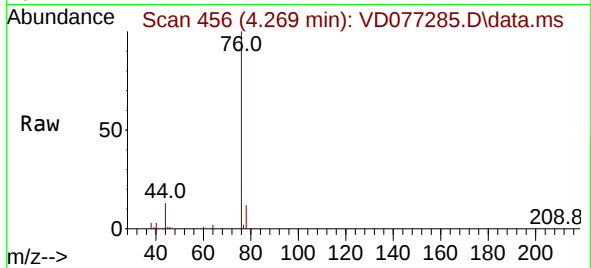




#17
Carbon Disulfide
Concen: 10.379 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

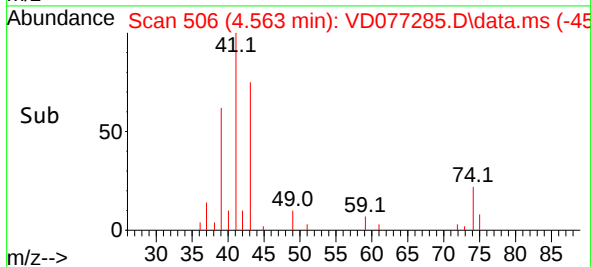
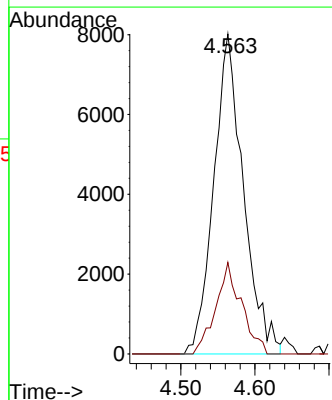
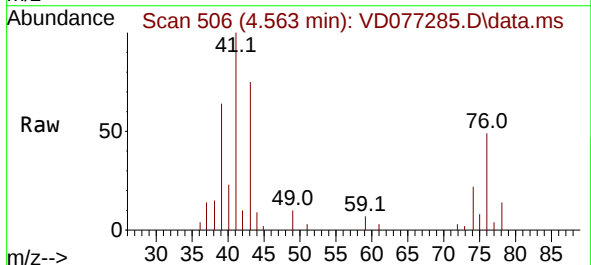
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

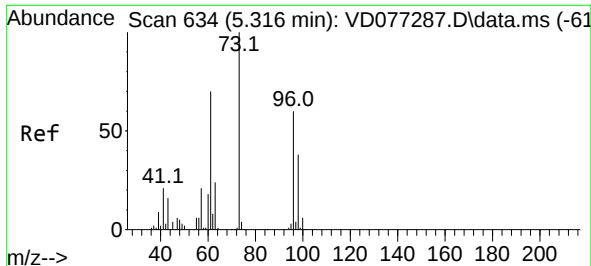
Tgt Ion: 76 Resp: 92835
Ion Ratio Lower Upper
76 100
78 11.7 6.8 10.2#



#18
Methyl Acetate
Concen: 9.914 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 43 Resp: 22273
Ion Ratio Lower Upper
43 100
74 24.8 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 9.332 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

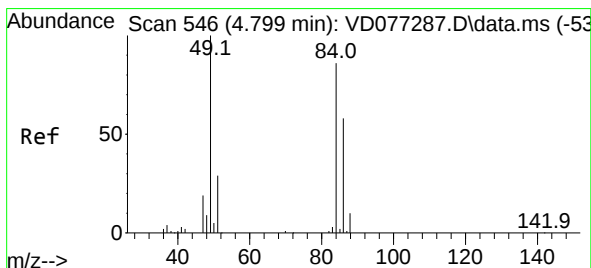
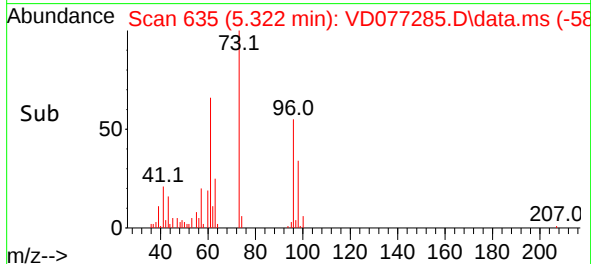
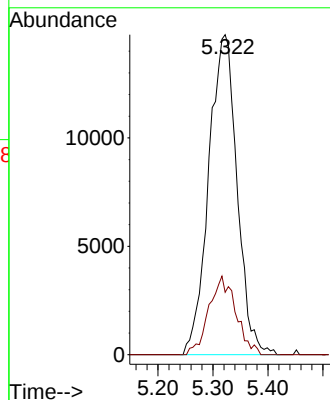
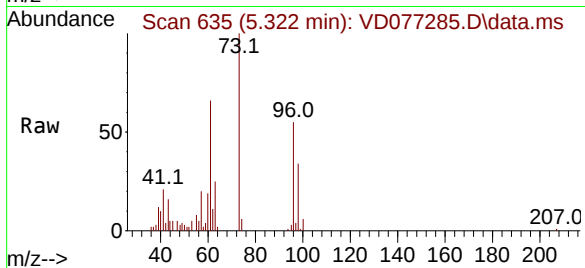
VSTDICC010

Tgt Ion: 73 Resp: 52928

Ion Ratio Lower Upper

73 100

57 19.5 16.6 25.0



#20

Methylene Chloride

Concen: 13.596 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Tgt Ion: 84 Resp: 71645

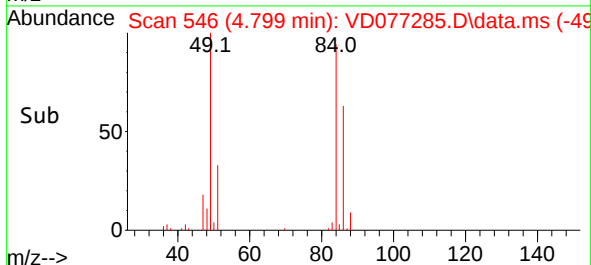
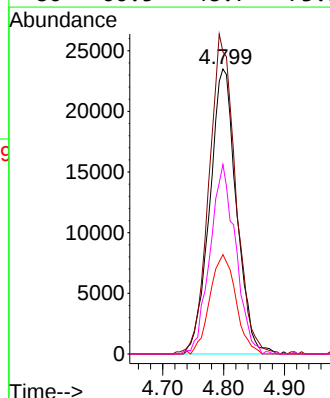
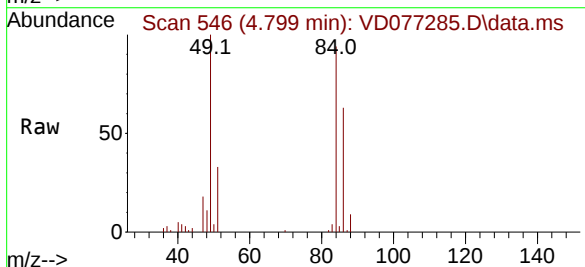
Ion Ratio Lower Upper

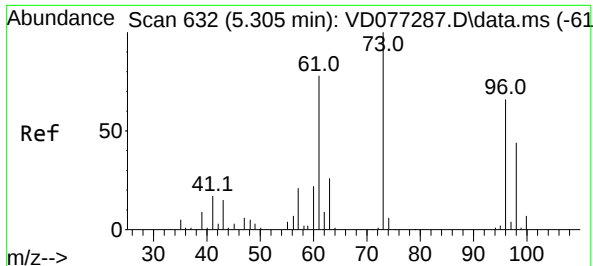
84 100

49 106.0 71.4 107.2

51 34.9 24.5 36.7

86 66.5 48.7 73.1

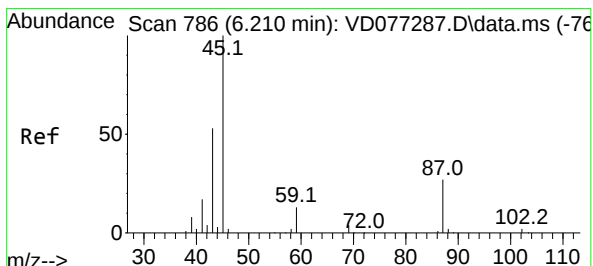
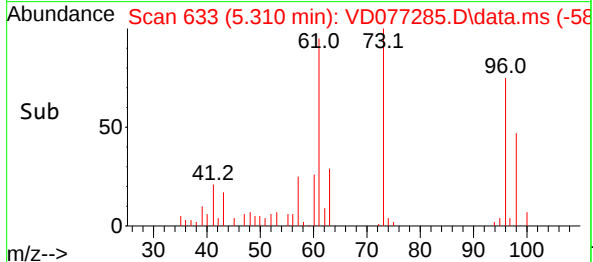
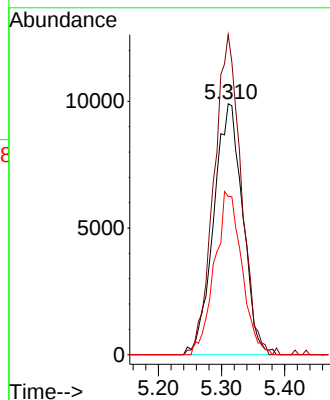
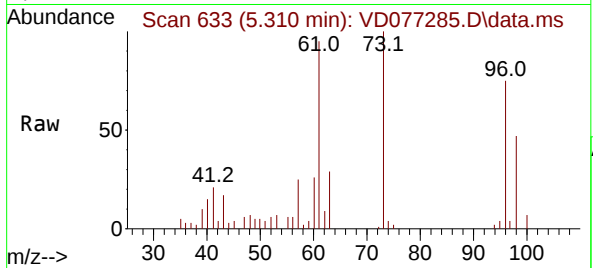




#21
trans-1,2-Dichloroethene
Concen: 9.945 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

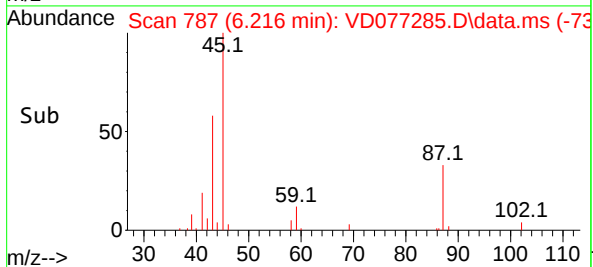
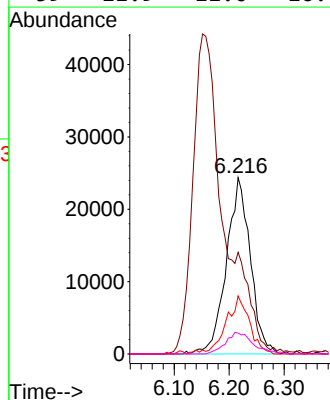
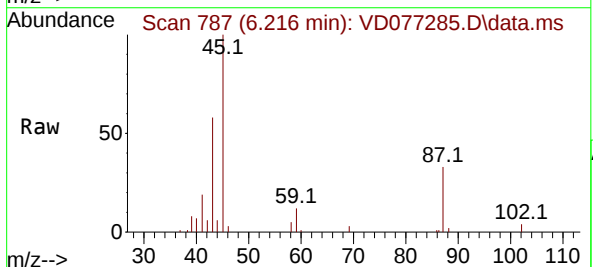
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

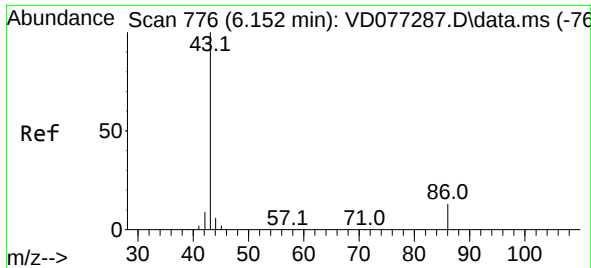
Tgt Ion: 96 Resp: 31583
Ion Ratio Lower Upper
96 100
61 127.5 89.3 133.9
98 63.1 48.6 73.0



#22
Diisopropyl ether
Concen: 9.670 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 45 Resp: 73802
Ion Ratio Lower Upper
45 100
43 54.9 40.0 60.0
87 32.9 28.2 42.4
59 11.9 11.0 16.4

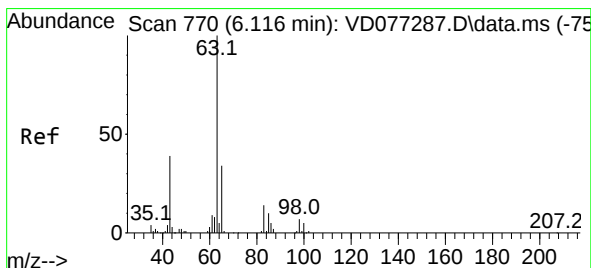
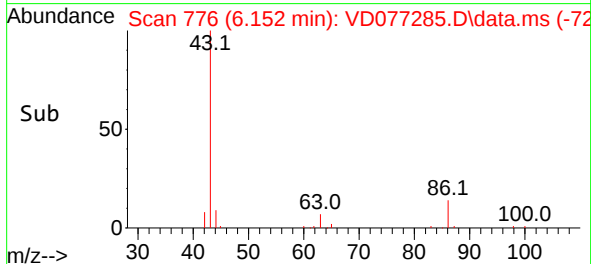
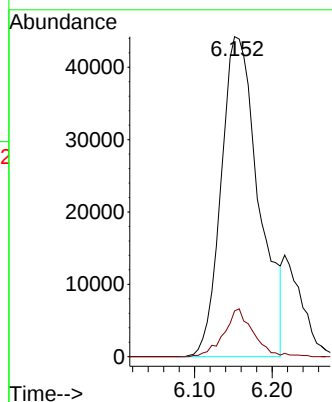
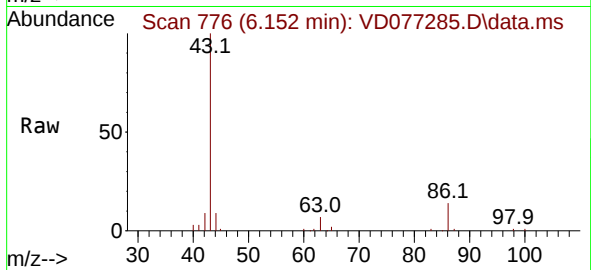




#23
 Vinyl Acetate
 Concen: 46.440 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

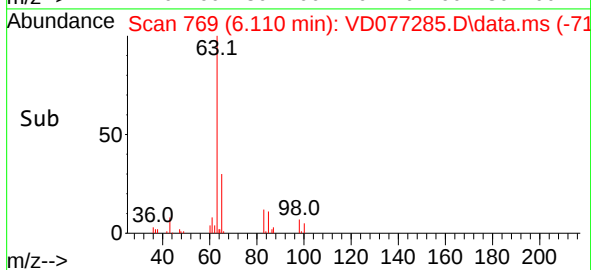
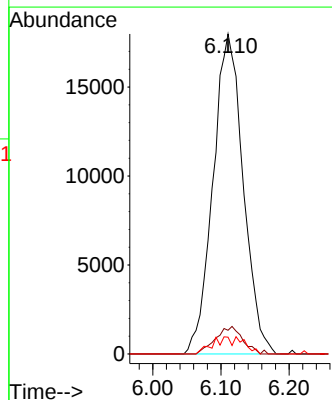
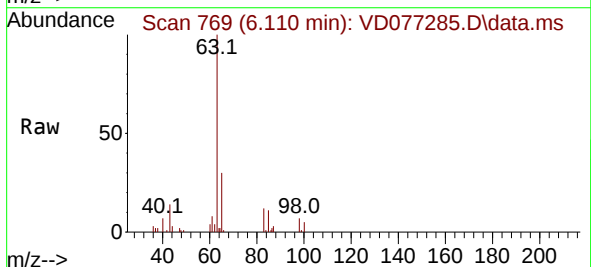
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

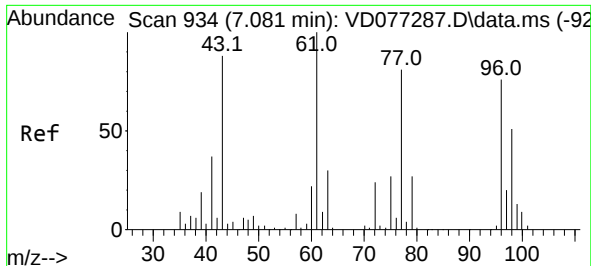
Tgt Ion: 43 Resp: 149244
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 10.324 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

Tgt Ion: 63 Resp: 55423
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.2 2.5 7.5

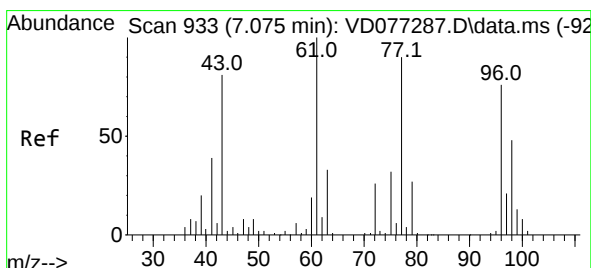
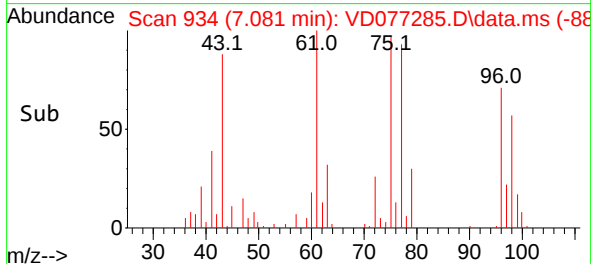
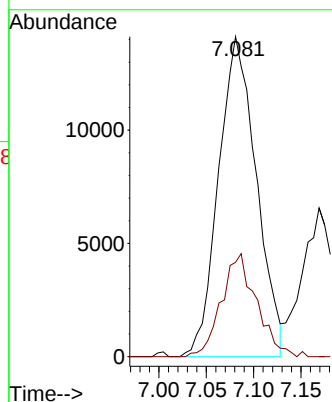
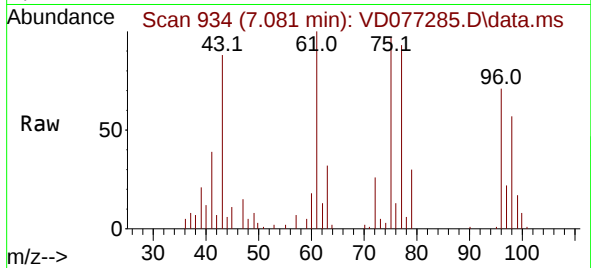




#25
2-Butanone
Concen: 50.830 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

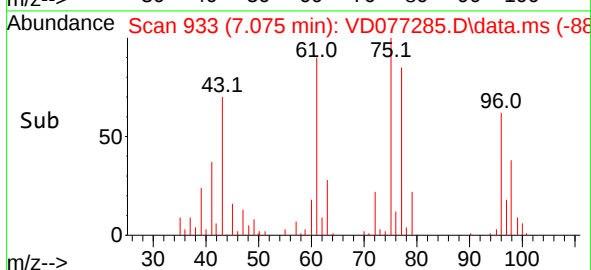
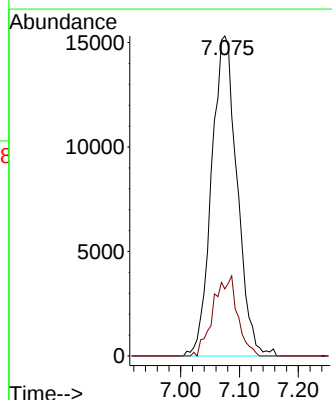
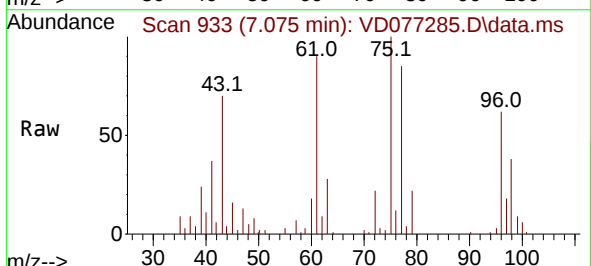
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

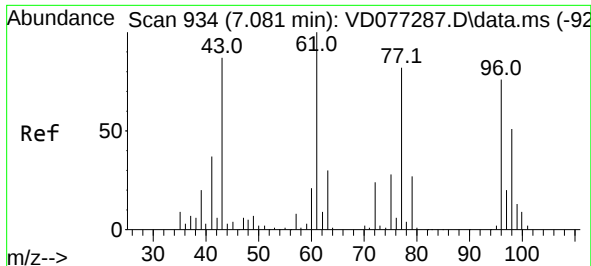
Tgt Ion: 43 Resp: 39253
Ion Ratio Lower Upper
43 100
72 29.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 10.228 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 77 Resp: 46267
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 9.747 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

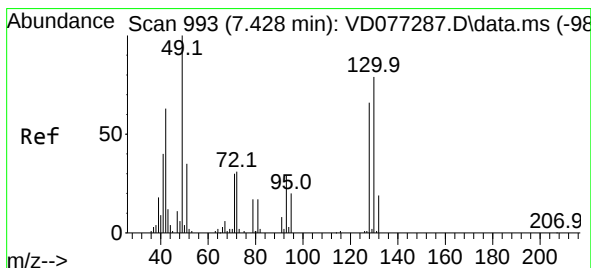
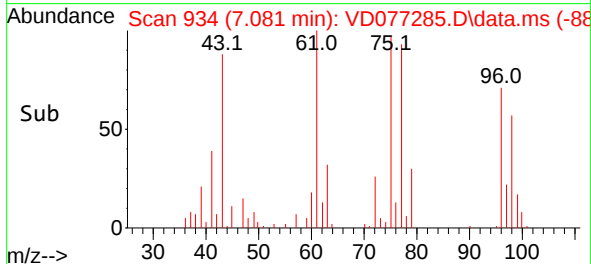
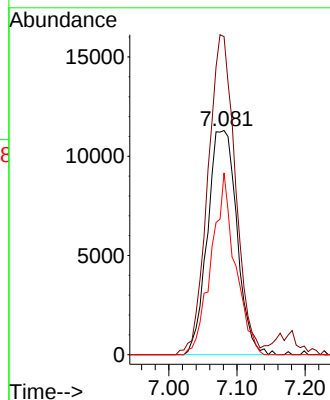
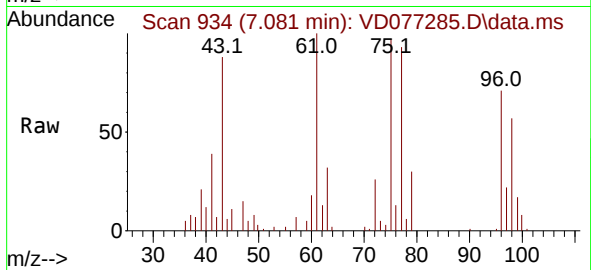
Tgt Ion: 96 Resp: 33950

Ion Ratio Lower Upper

96 100

61 133.7 0.0 239.2

98 65.4 0.0 128.6



#28

Bromochloromethane

Concen: 10.276 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

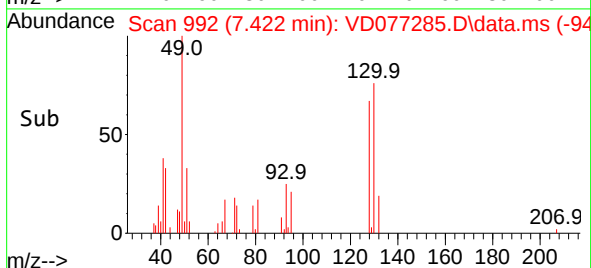
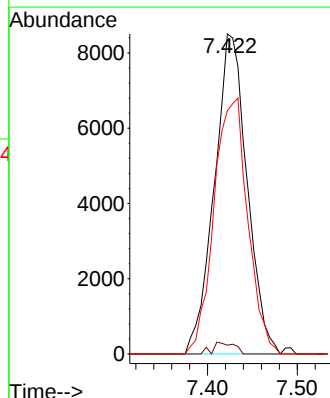
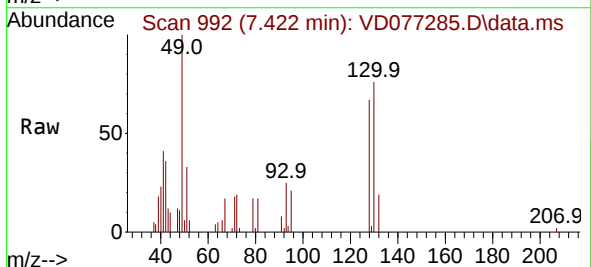
Tgt Ion: 49 Resp: 21518

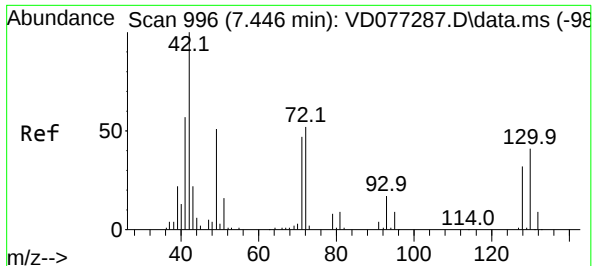
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 82.3 83.2 124.8#





#29

Tetrahydrofuran

Concen: 48.344 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

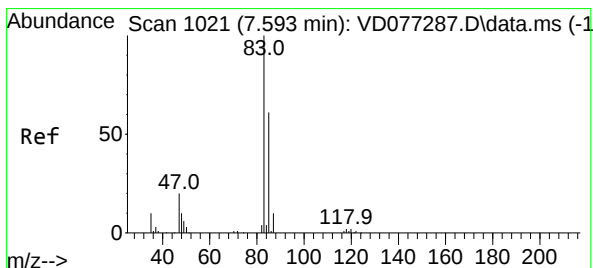
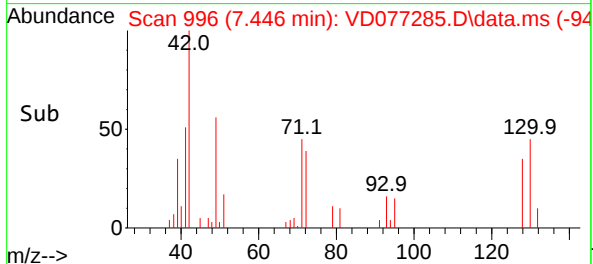
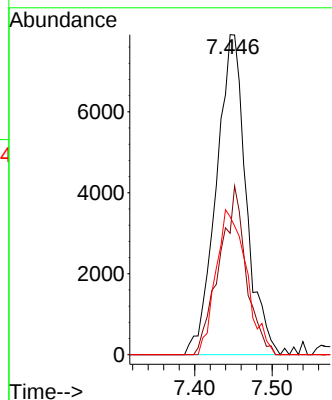
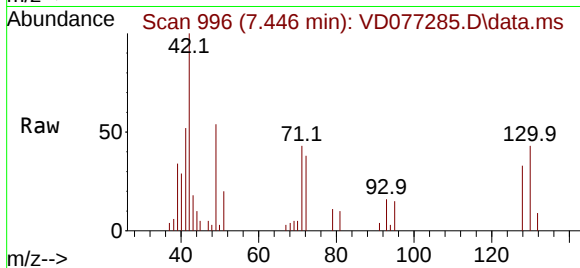
Tgt Ion: 42 Resp: 21199

Ion Ratio Lower Upper

42 100

72 47.2 46.5 69.7

71 46.1 44.5 66.7



#30

Chloroform

Concen: 10.580 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077285.D

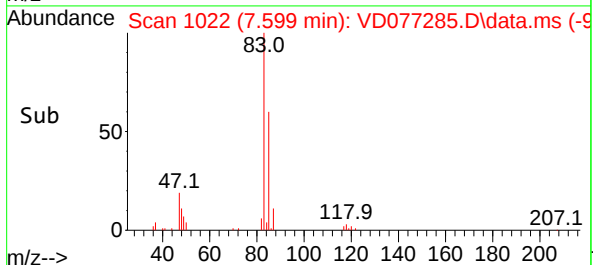
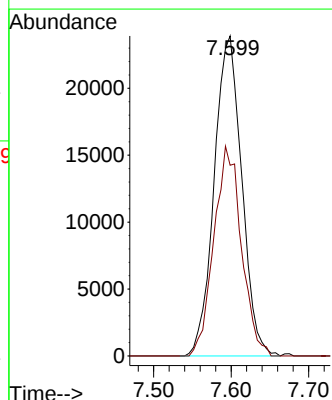
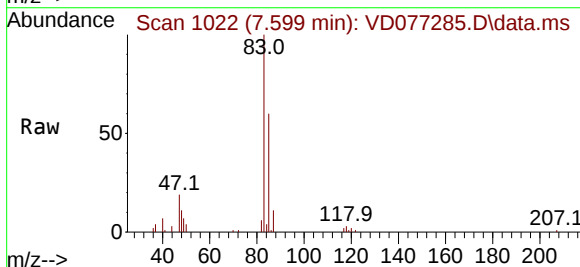
Acq: 06 Oct 2023 12:10

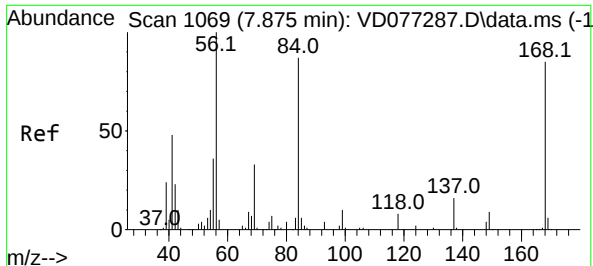
Tgt Ion: 83 Resp: 59176

Ion Ratio Lower Upper

83 100

85 59.6 53.4 80.2

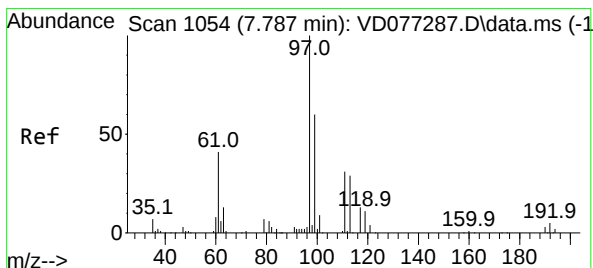
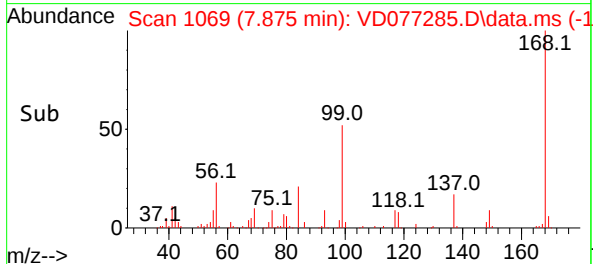
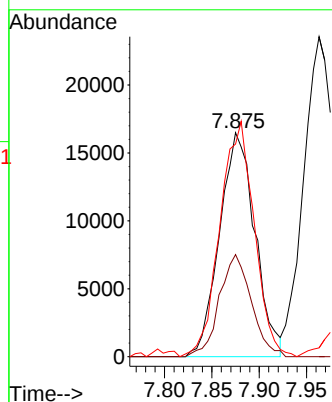
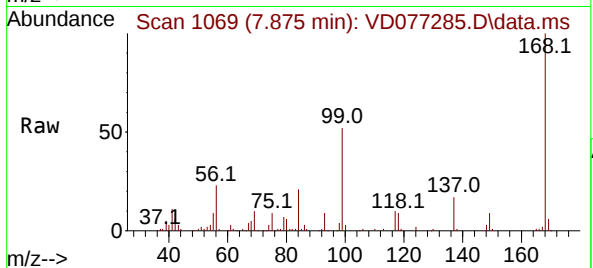




#31
Cyclohexane
Concen: 9.933 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

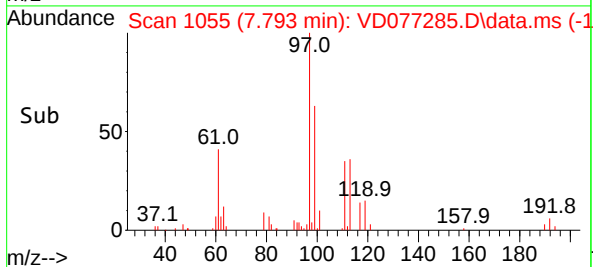
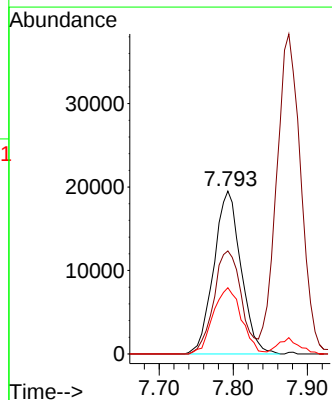
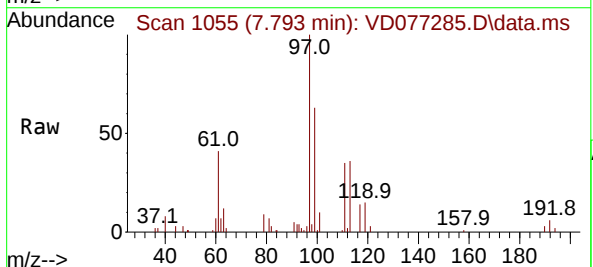
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

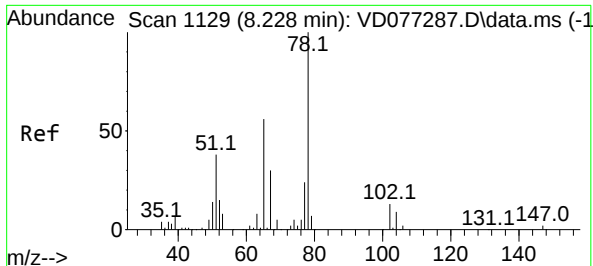
Tgt Ion: 56 Resp: 42932
Ion Ratio Lower Upper
56 100
69 45.6 28.6 43.0#
84 95.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.572 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 97 Resp: 49725
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 9.920 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

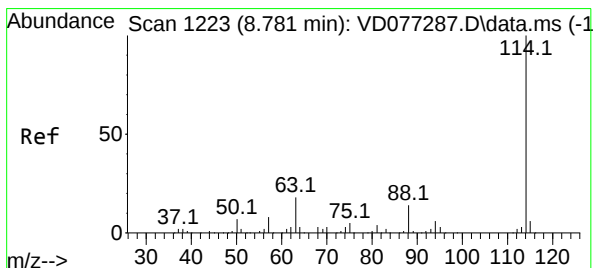
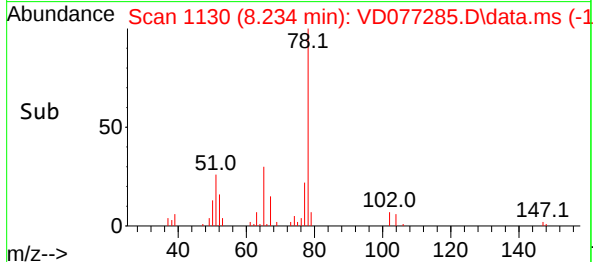
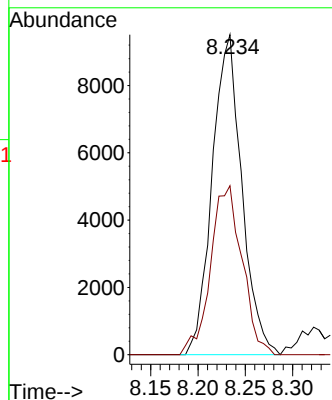
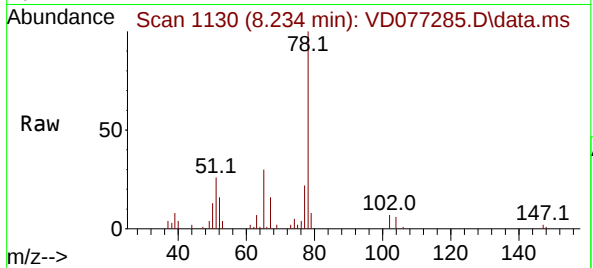
VSTDIC010

Tgt Ion: 65 Resp: 20700

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

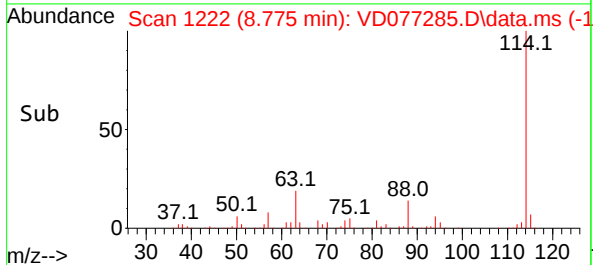
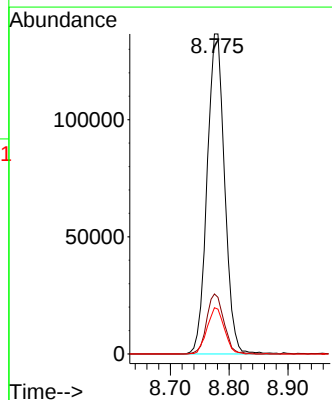
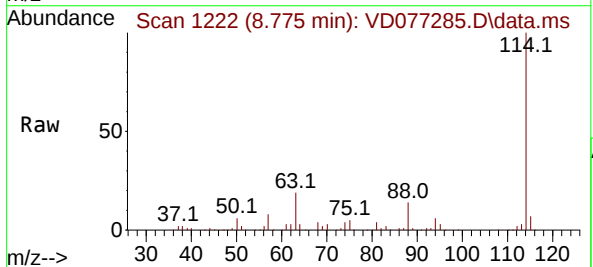
Tgt Ion: 114 Resp: 283662

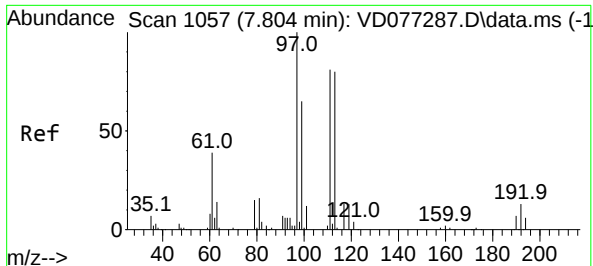
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.268 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

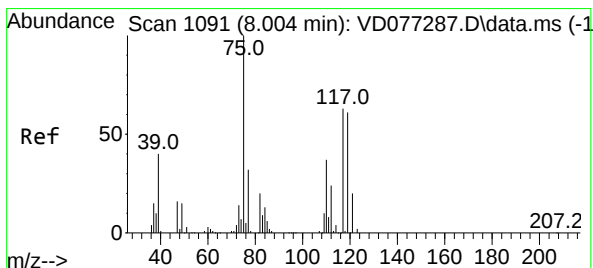
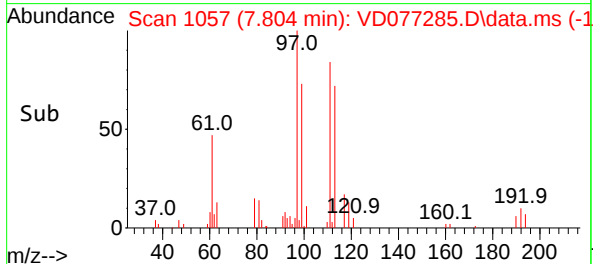
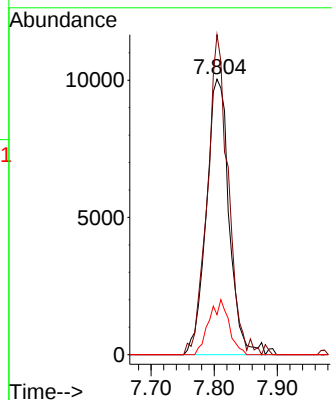
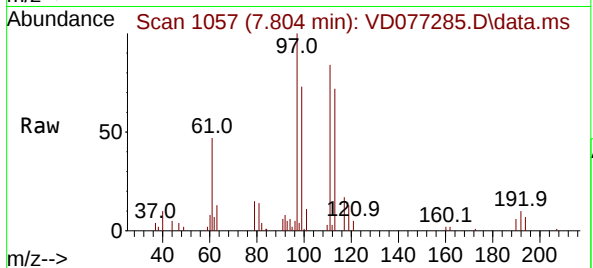
Tgt Ion:113 Resp: 25269

Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 10.128 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

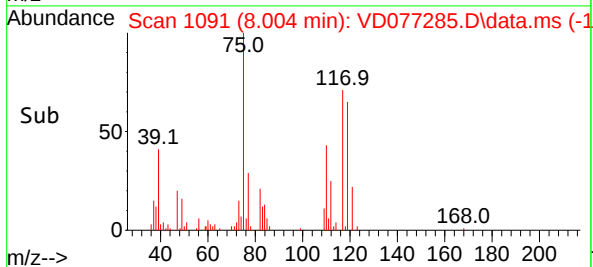
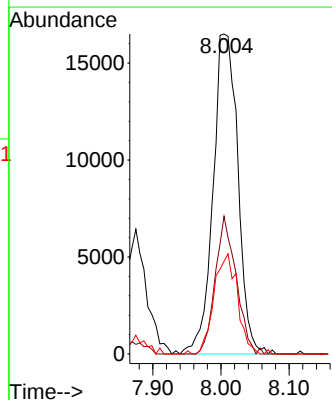
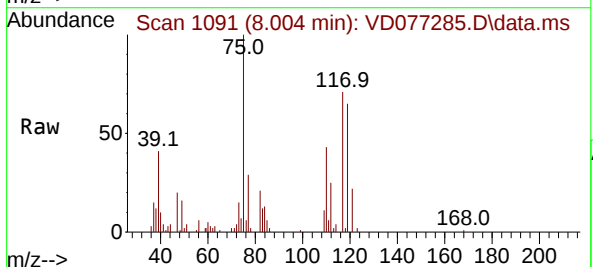
Tgt Ion: 75 Resp: 41887

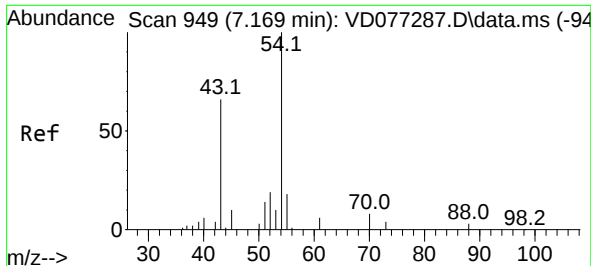
Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 29.5 24.7 37.1





#37

Ethyl Acetate

Concen: 9.844 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

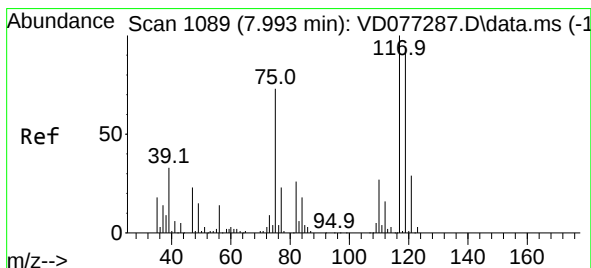
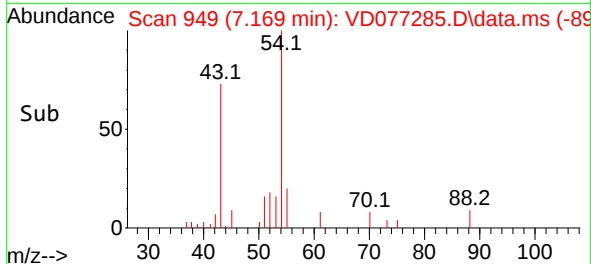
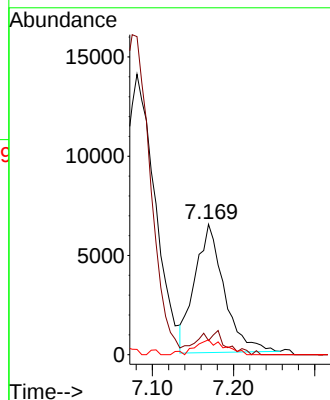
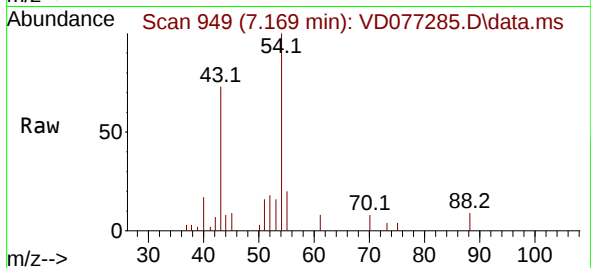
Tgt Ion: 43 Resp: 16252

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 10.310 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

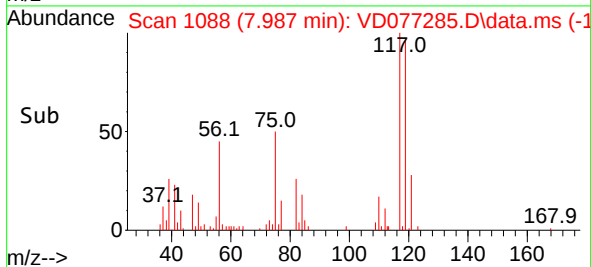
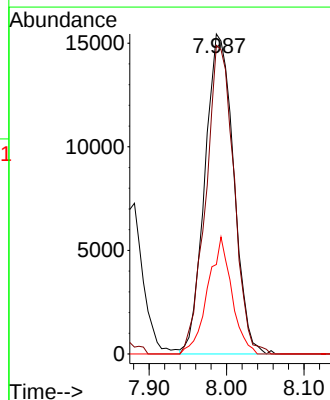
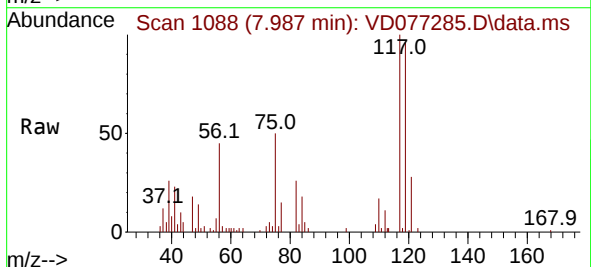
Tgt Ion: 117 Resp: 39874

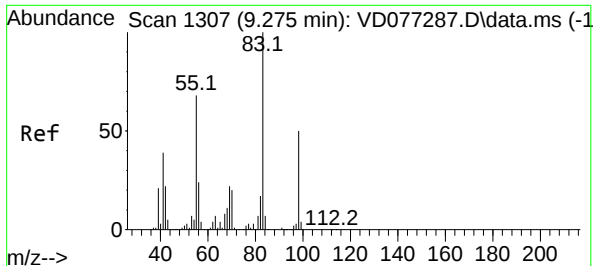
Ion Ratio Lower Upper

117 100

119 96.5 78.0 117.0

121 27.9 24.2 36.2





#39

Methylcyclohexane

Concen: 9.226 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

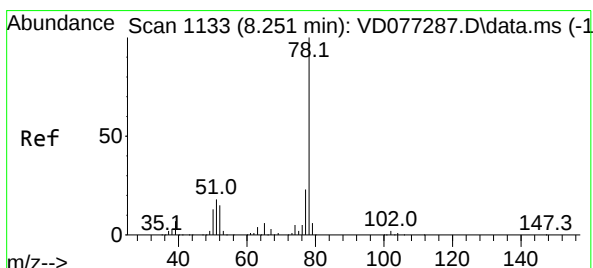
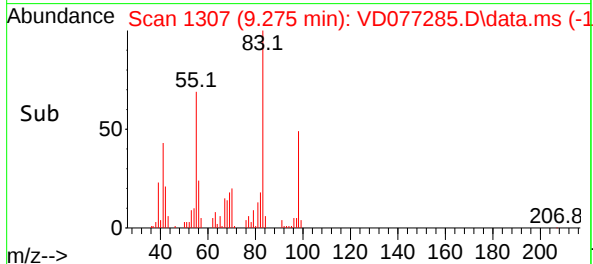
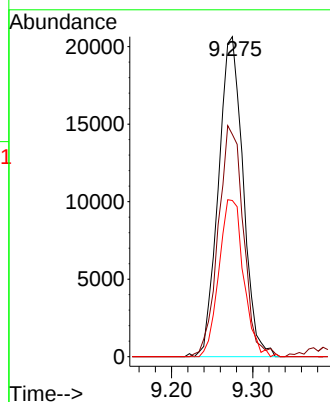
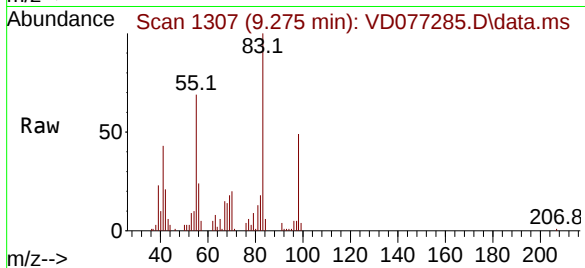
Tgt Ion: 83 Resp: 43530

Ion Ratio Lower Upper

83 100

55 69.5 49.4 74.0

98 48.8 38.4 57.6



#40

Benzene

Concen: 10.145 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077285.D

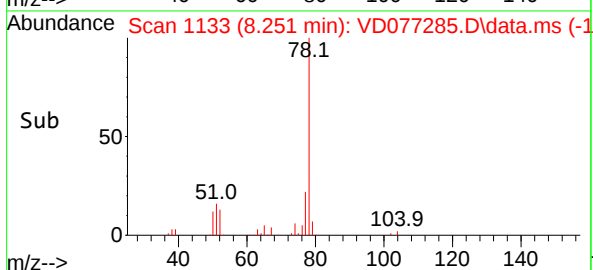
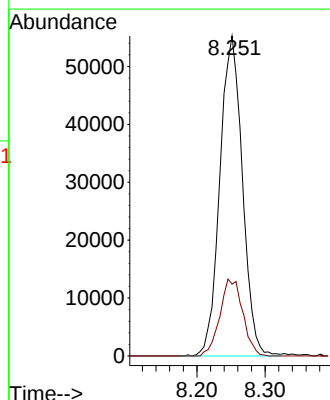
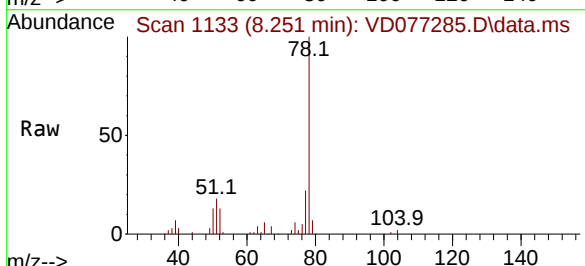
Acq: 06 Oct 2023 12:10

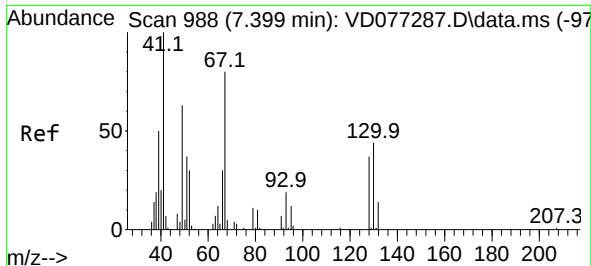
Tgt Ion: 78 Resp: 127265

Ion Ratio Lower Upper

78 100

77 22.5 19.4 29.0

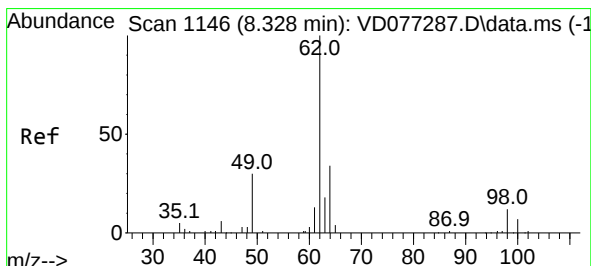
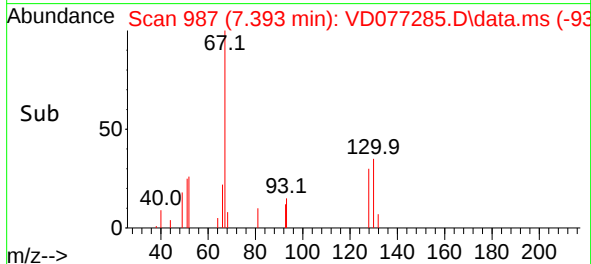
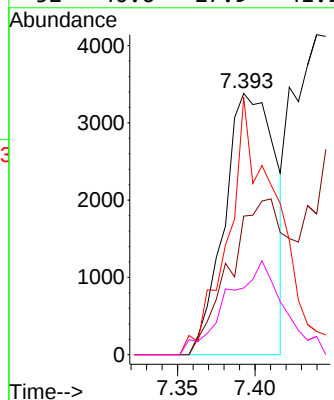
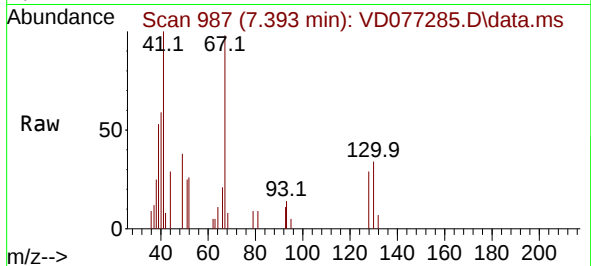




#41
Methacrylonitrile
Concen: 8.559 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

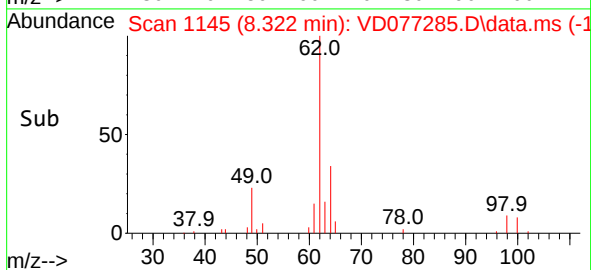
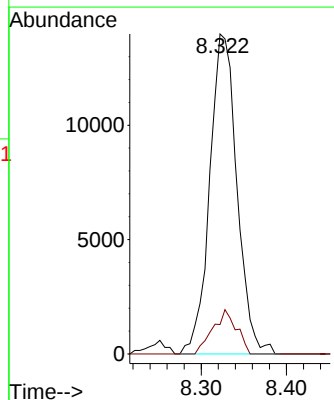
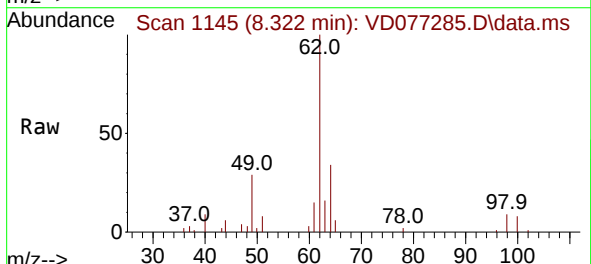
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

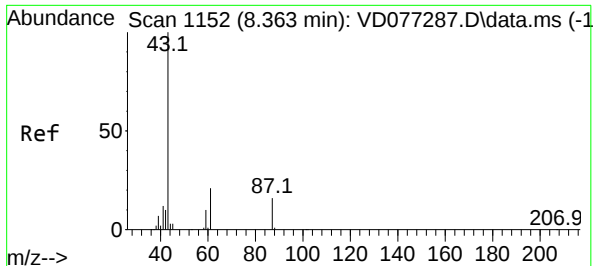
Tgt Ion: 41 Resp: 7720
Ion Ratio Lower Upper
41 100
39 71.7 34.0 51.0#
67 93.9 77.0 115.4
52 40.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 10.378 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 62 Resp: 31107
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4





#43

Isopropyl Acetate

Concen: 9.801 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

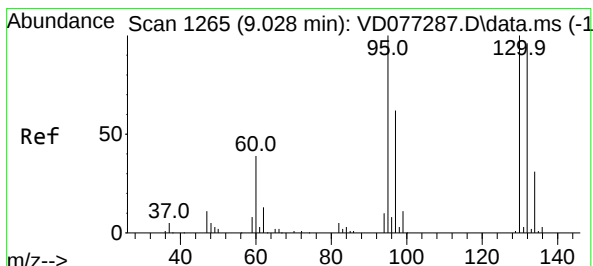
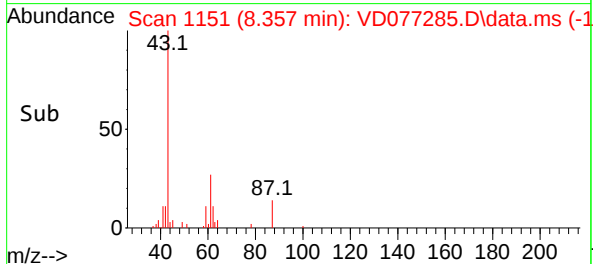
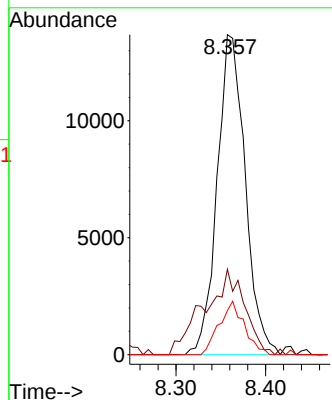
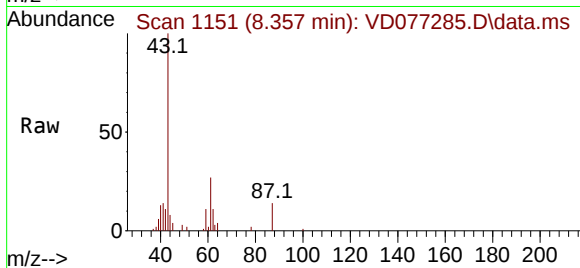
Tgt Ion: 43 Resp: 29692

Ion Ratio Lower Upper

43 100

61 38.5 31.4 47.0

87 15.0 14.9 22.3



#44

Trichloroethene

Concen: 10.419 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077285.D

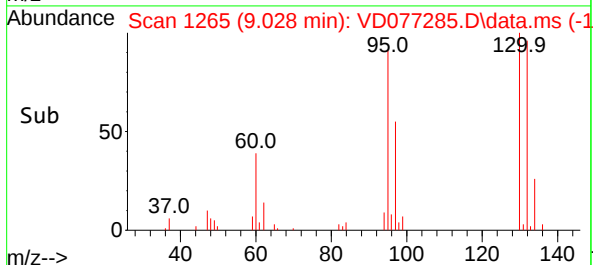
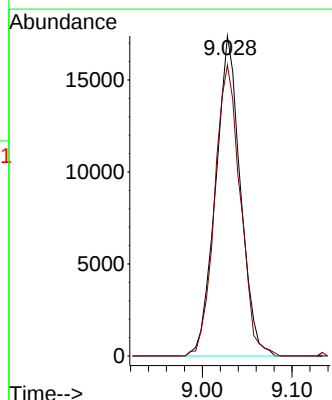
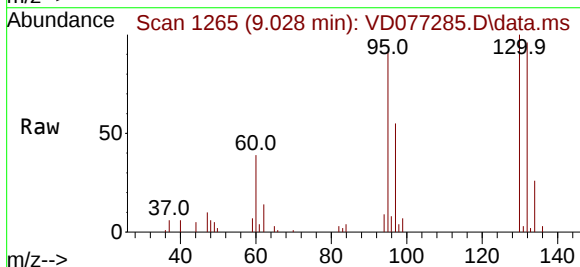
Acq: 06 Oct 2023 12:10

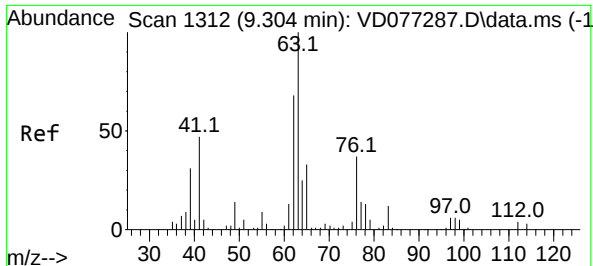
Tgt Ion: 130 Resp: 33364

Ion Ratio Lower Upper

130 100

95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 10.384 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

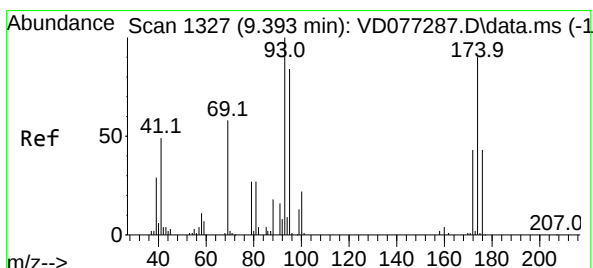
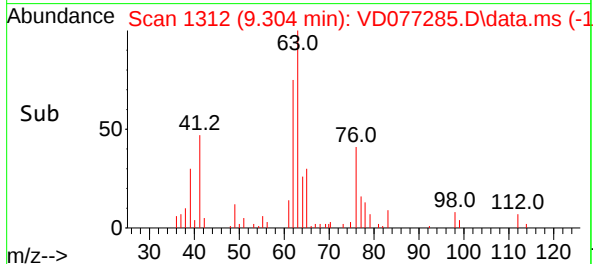
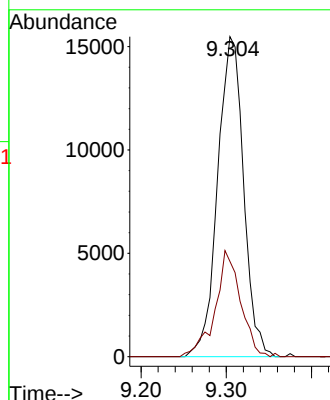
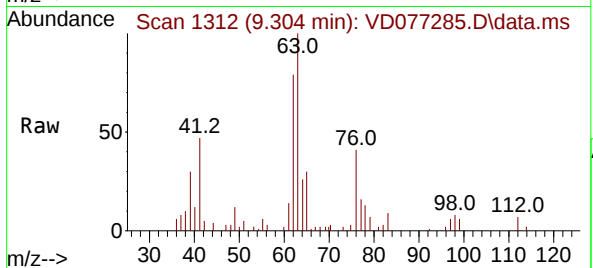
VSTDIC010

Tgt Ion: 63 Resp: 32734

Ion Ratio Lower Upper

63 100

65 29.7 24.5 36.7



#46

Dibromomethane

Concen: 10.593 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

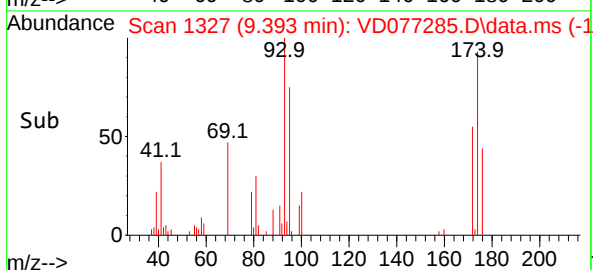
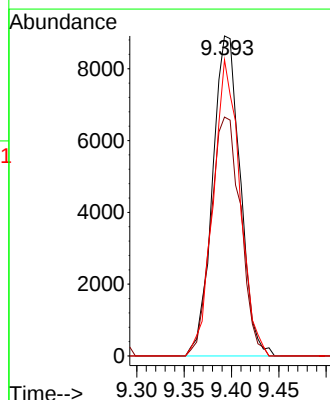
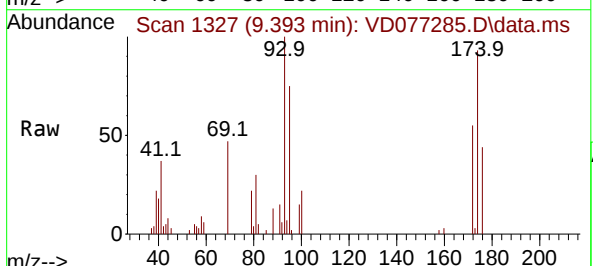
Tgt Ion: 93 Resp: 18114

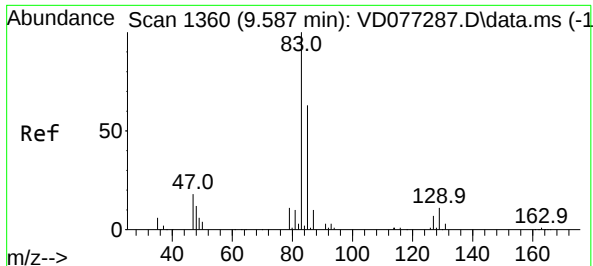
Ion Ratio Lower Upper

93 100

95 80.1 67.7 101.5

174 89.2 85.4 128.2

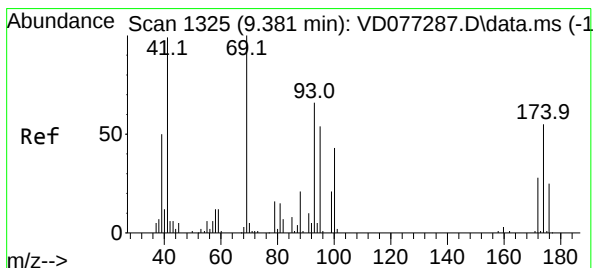
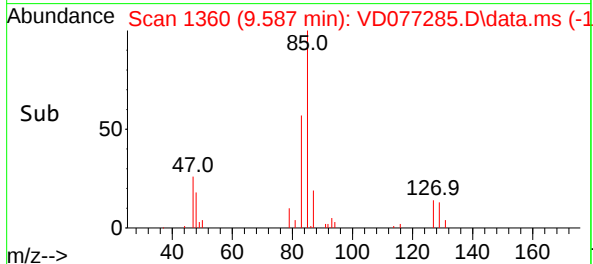
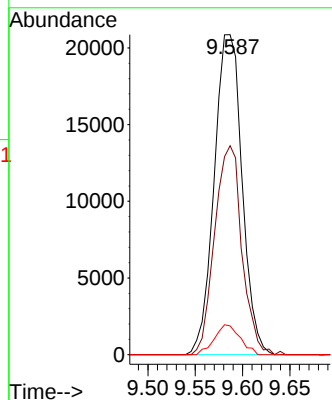
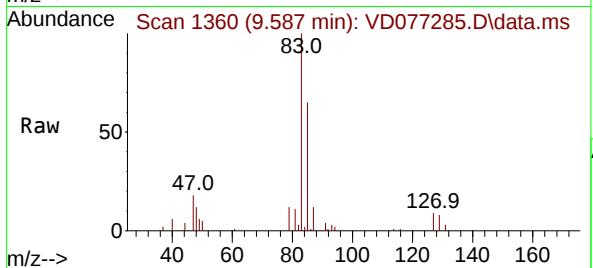




#47
Bromodichloromethane
Concen: 10.407 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

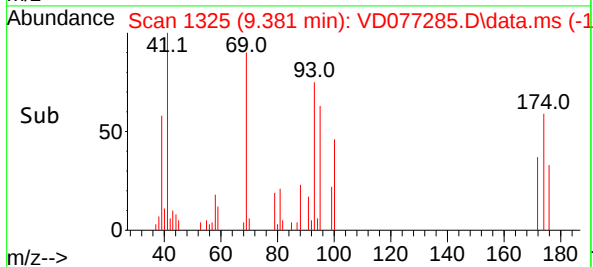
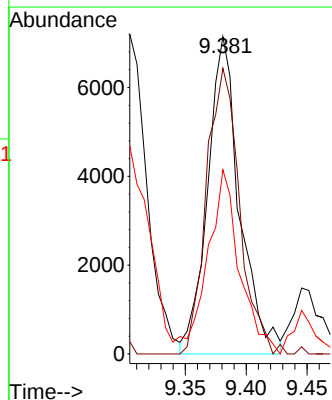
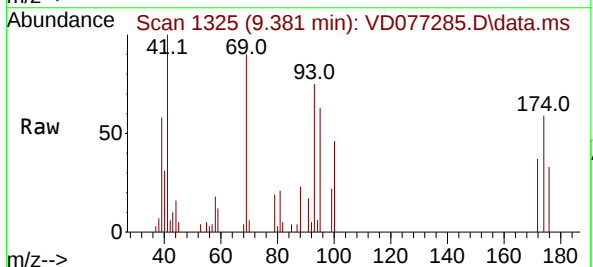
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

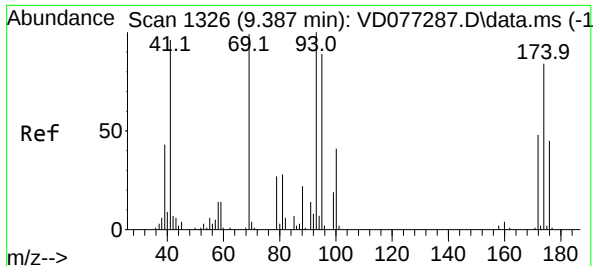
Tgt Ion: 83 Resp: 42748
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 9.487 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 41 Resp: 13066
Ion Ratio Lower Upper
41 100
69 93.1 102.2 153.2#
39 56.1 41.4 62.2





#49

1,4-Dioxane

Concen: 202.510 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

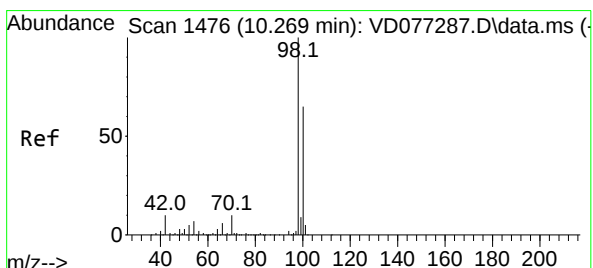
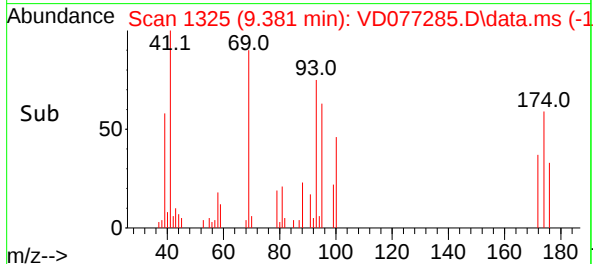
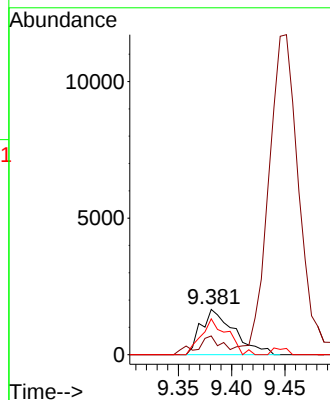
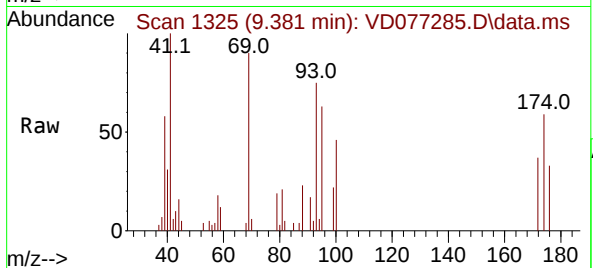
Tgt Ion: 88 Resp: 3605

Ion Ratio Lower Upper

88 100

43 30.2 19.0 28.6#

58 62.1 43.5 65.3



#50

Toluene-d8

Concen: 9.162 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077285.D

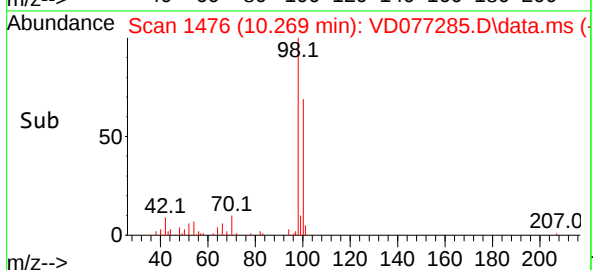
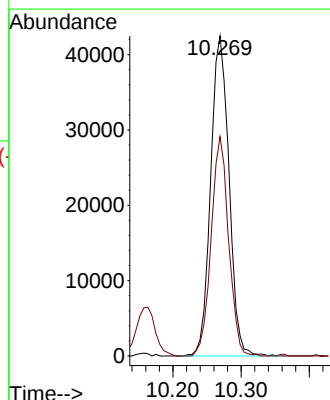
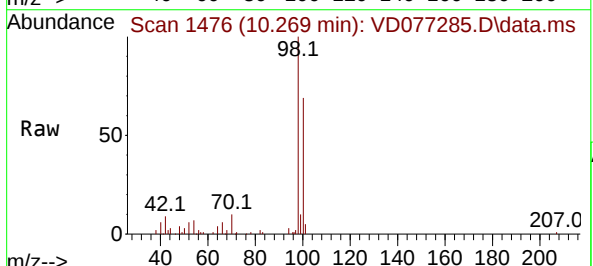
Acq: 06 Oct 2023 12:10

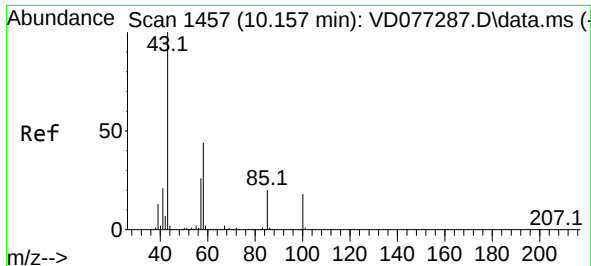
Tgt Ion: 98 Resp: 79465

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

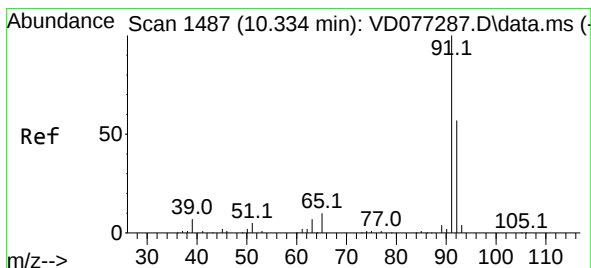
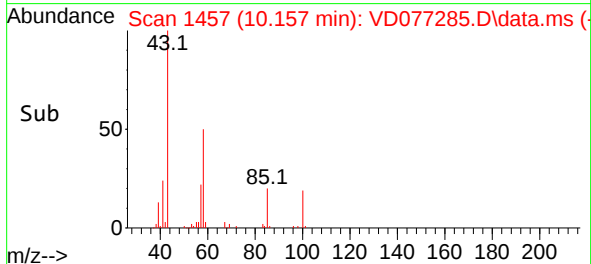
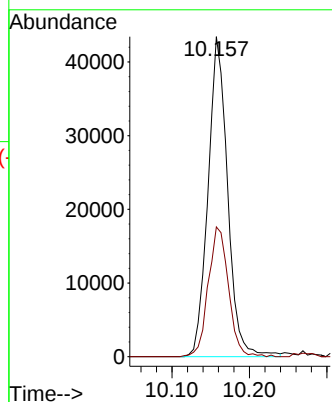
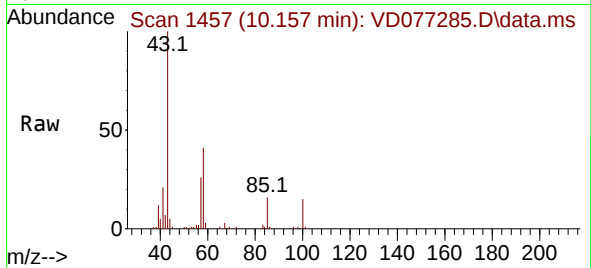




#51
4-Methyl-2-Pentanone
Concen: 48.444 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

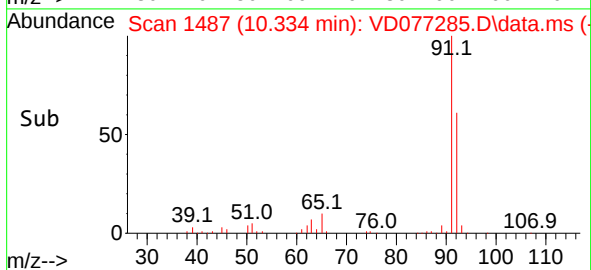
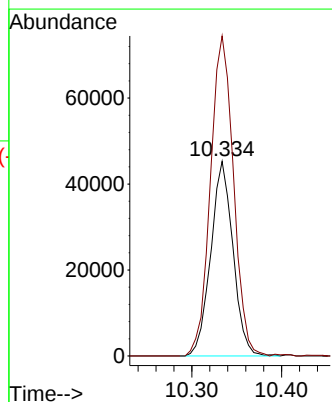
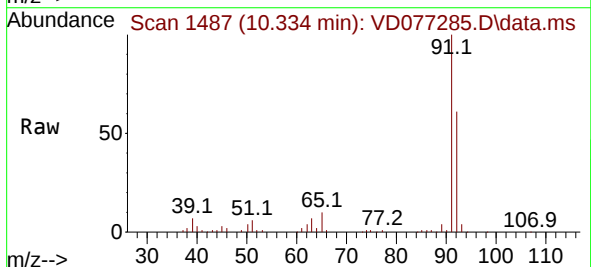
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

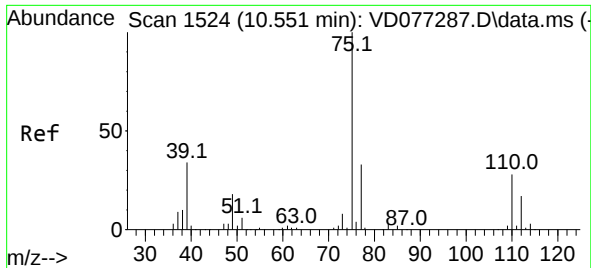
Tgt Ion: 43 Resp: 76248
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 10.024 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 92 Resp: 77895
Ion Ratio Lower Upper
92 100
91 170.5 143.0 214.4

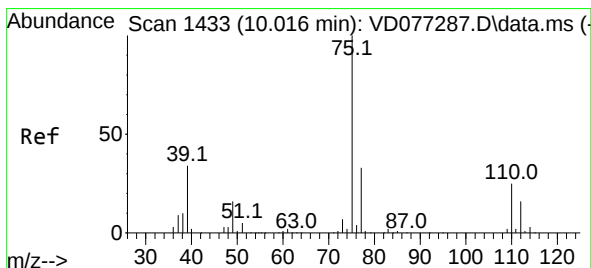
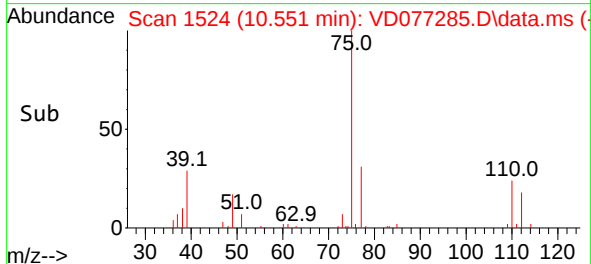
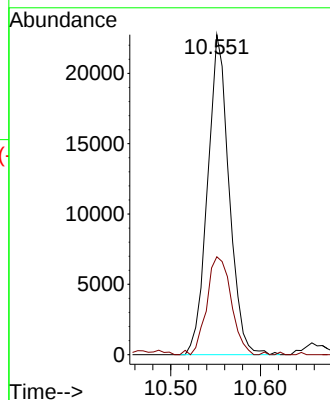
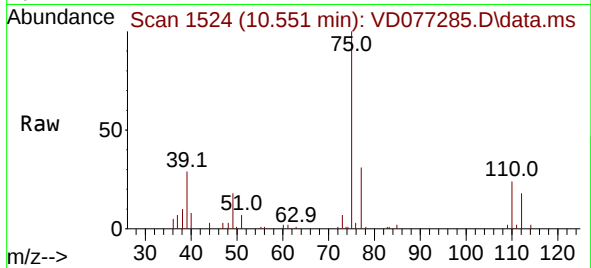




#53
 t-1,3-Dichloropropene
 Concen: 9.835 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

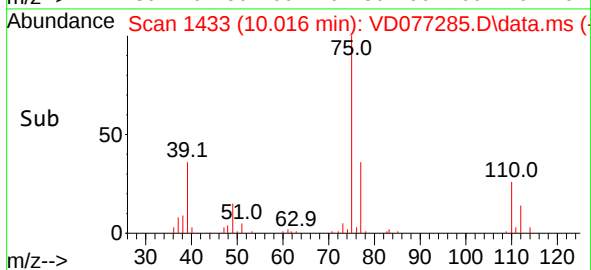
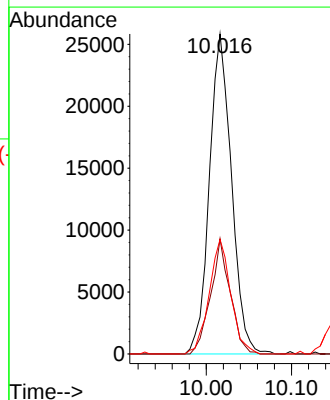
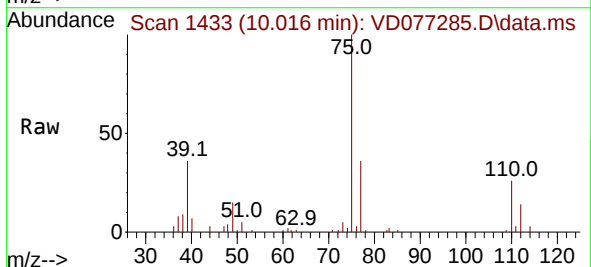
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

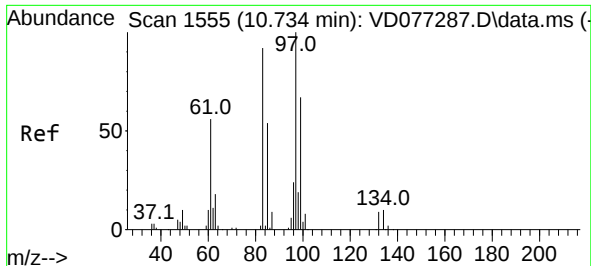
Tgt Ion: 75 Resp: 37796
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 9.878 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

Tgt Ion: 75 Resp: 46561
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.5 38.3
 39 35.8 22.1 33.1#

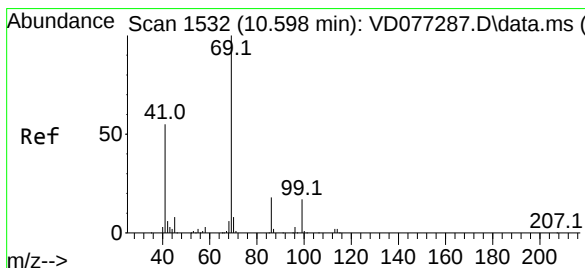
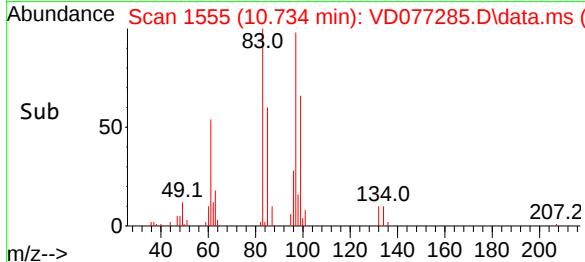
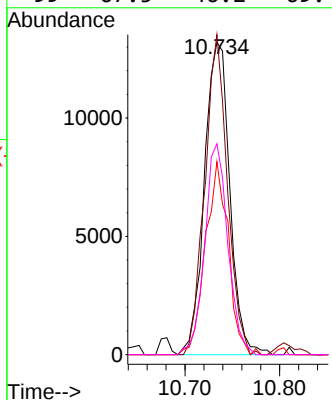
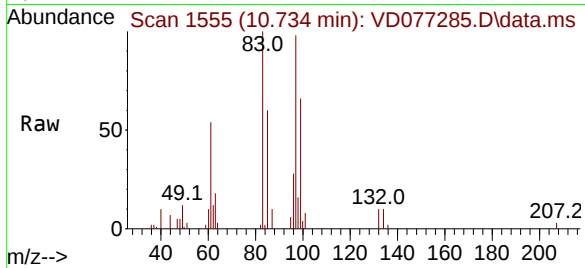




#55
1,1,2-Trichloroethane
Concen: 10.521 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

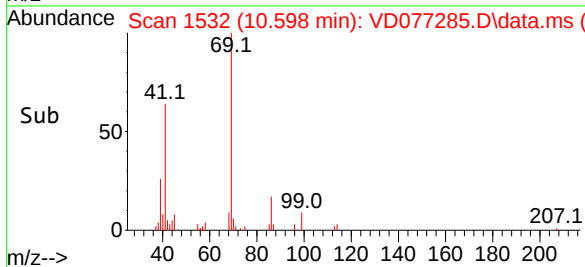
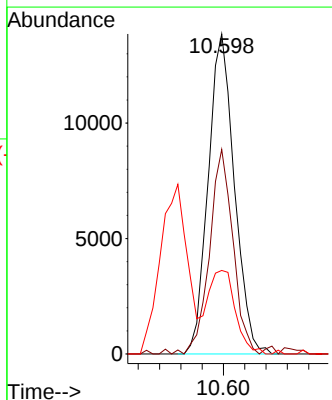
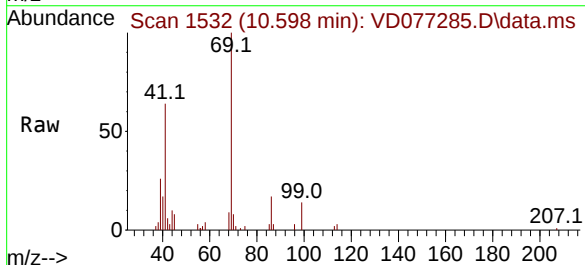
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

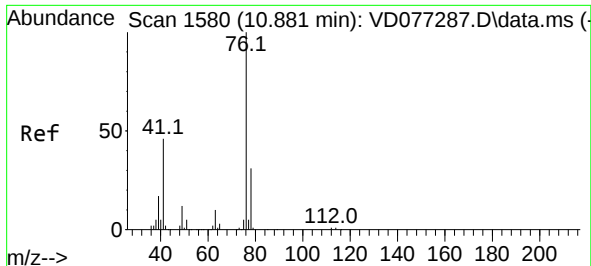
Tgt Ion:	97	Resp:	24613
Ion	Ratio	Lower	Upper
97	100		
83	102.4	65.8	98.6#
85	61.8	45.7	68.5
99	67.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 9.236 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:	69	Resp:	23656
Ion	Ratio	Lower	Upper
69	100		
41	57.2	39.1	58.7
39	25.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 10.261 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

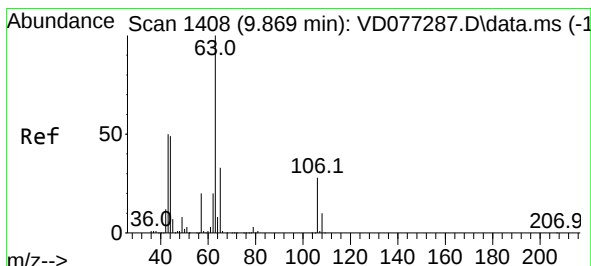
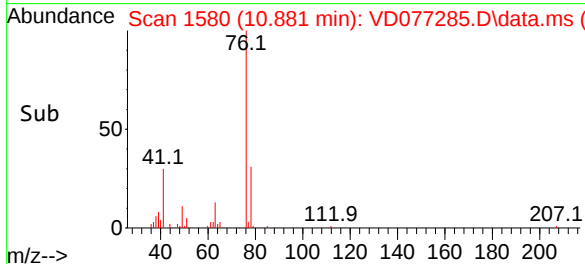
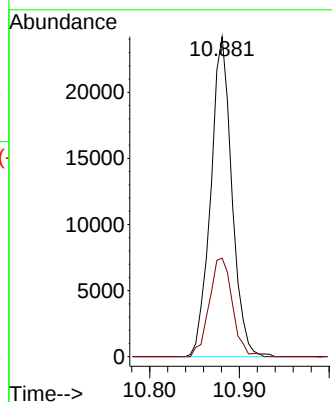
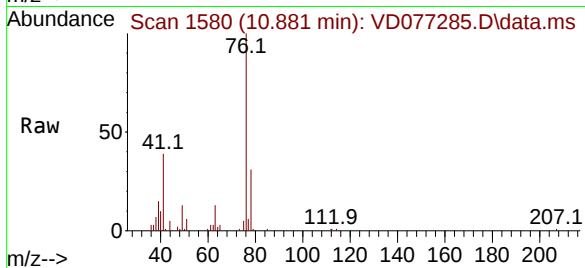
VSTDIC010

Tgt Ion: 76 Resp: 39689

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 45.272 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077285.D

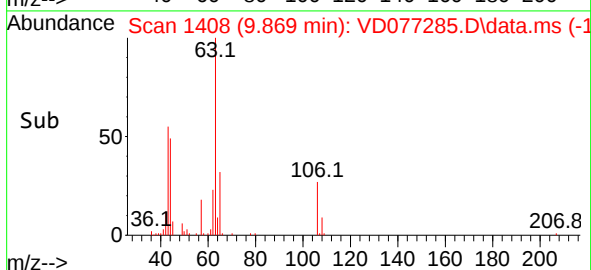
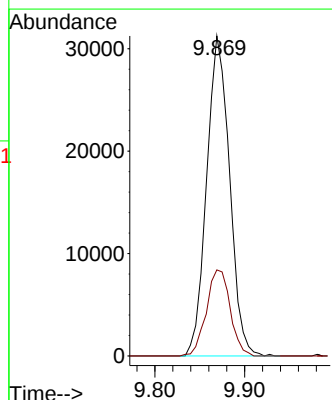
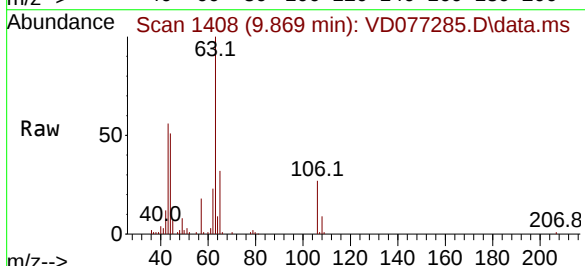
Acq: 06 Oct 2023 12:10

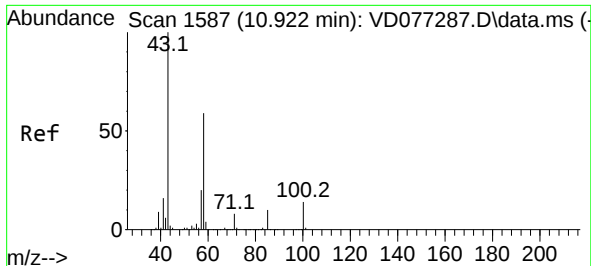
Tgt Ion: 63 Resp: 55417

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

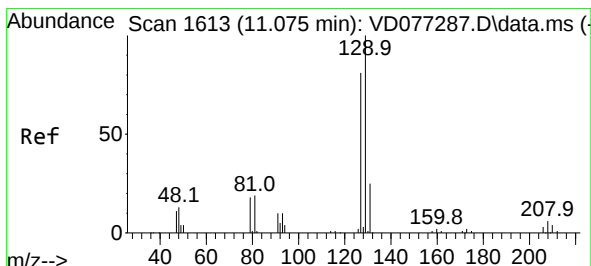
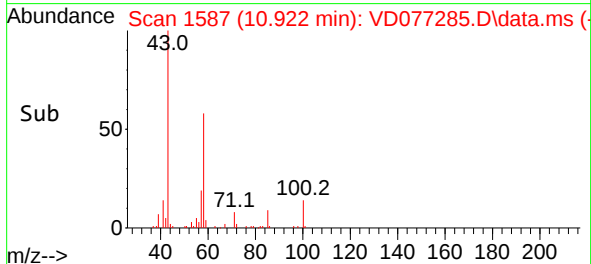
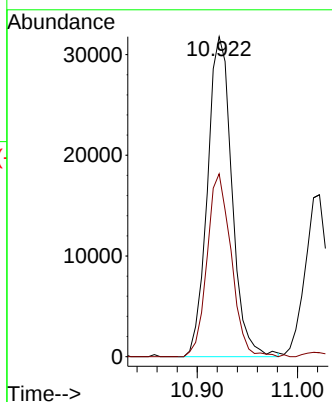
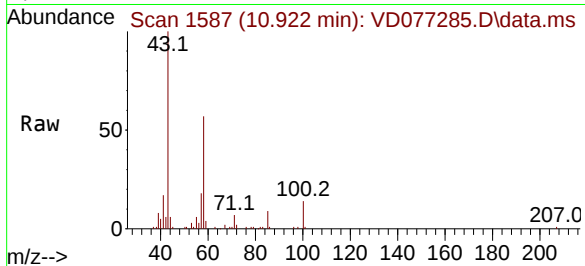




#59
2-Hexanone
Concen: 47.949 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

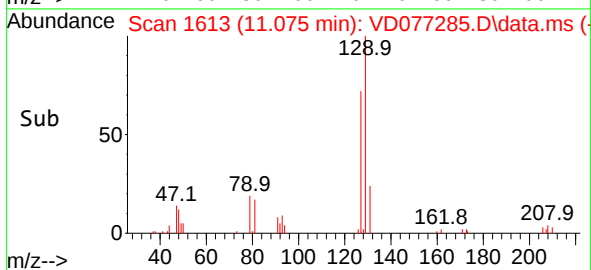
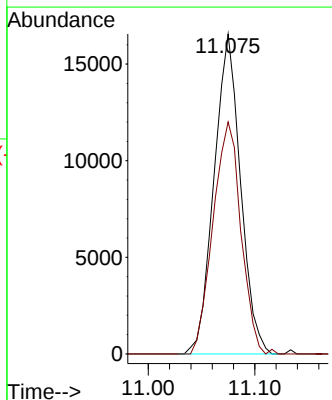
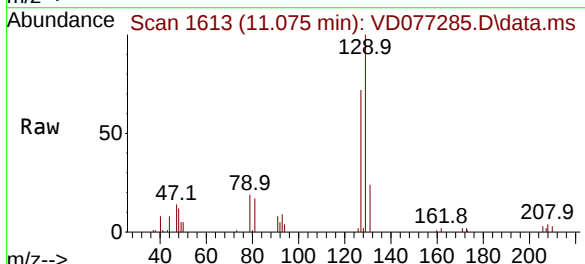
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

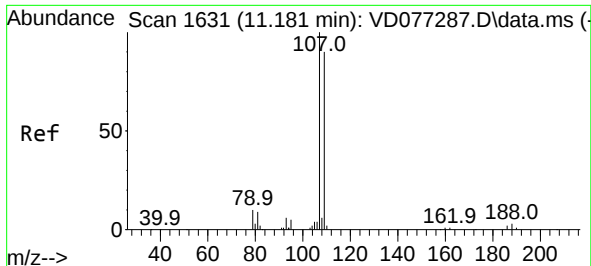
Tgt Ion: 43 Resp: 53908
Ion Ratio Lower Upper
43 100
58 56.2 34.1 102.2



#60
Dibromochloromethane
Concen: 10.501 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 129 Resp: 28519
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5

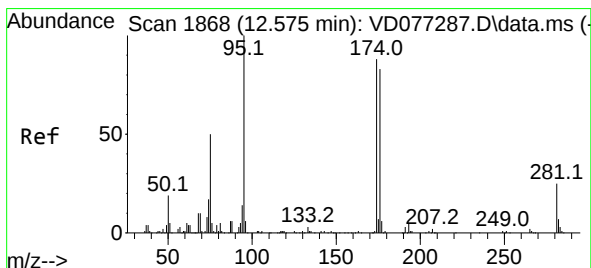
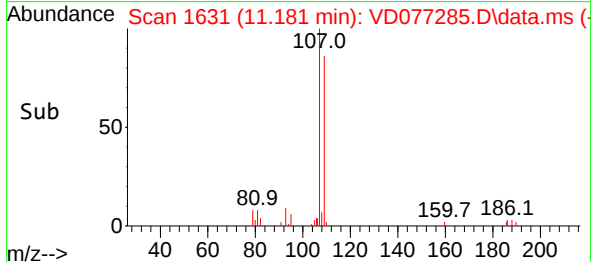
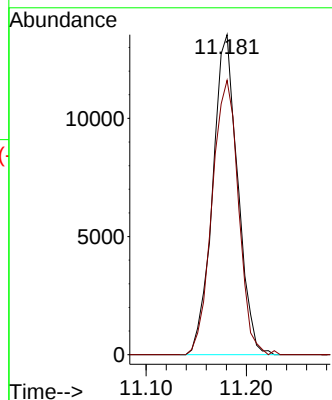
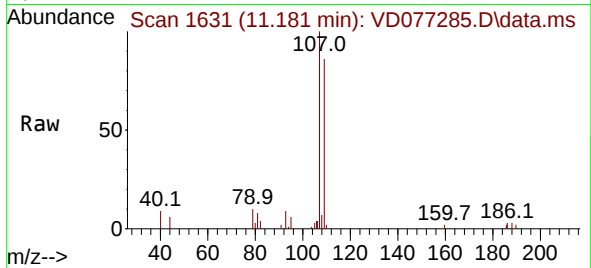




#61
1,2-Dibromoethane
Concen: 10.752 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

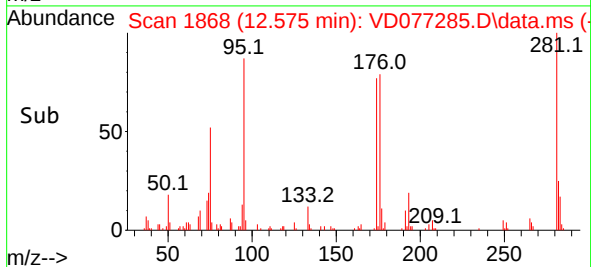
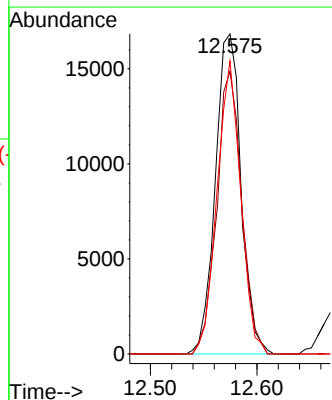
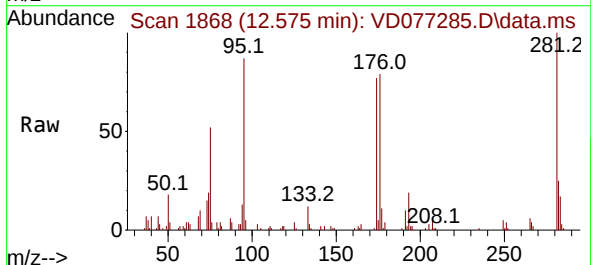
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

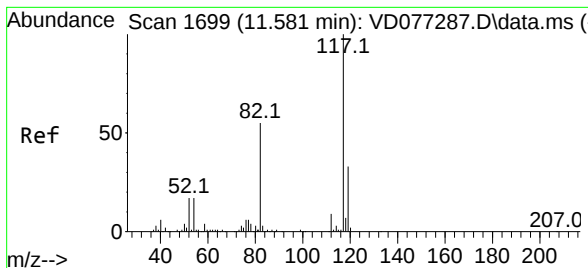
Tgt Ion:107 Resp: 23497
Ion Ratio Lower Upper
107 100
109 90.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.039 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 95 Resp: 28173
Ion Ratio Lower Upper
95 100
174 86.0 0.0 201.8
176 84.2 0.0 191.8

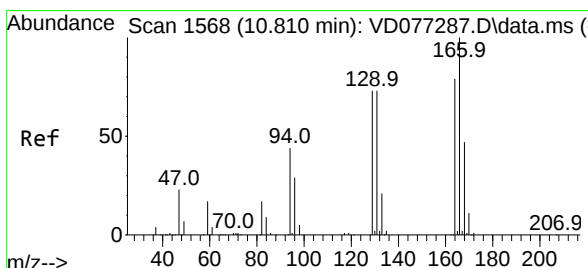
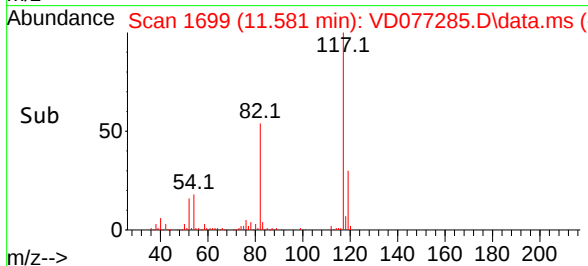
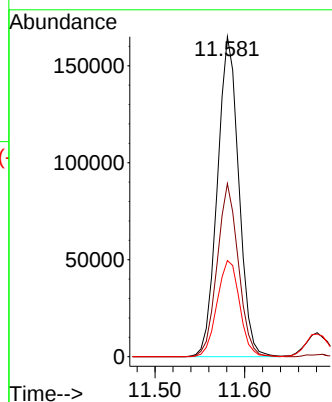
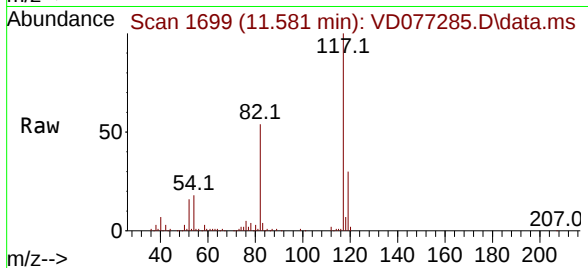




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

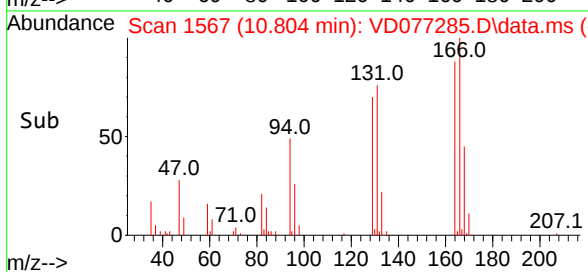
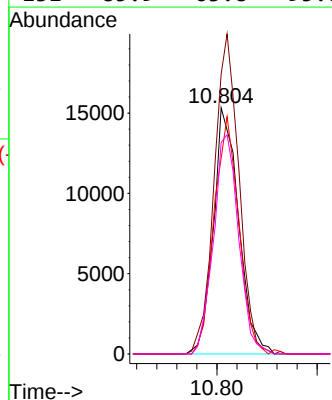
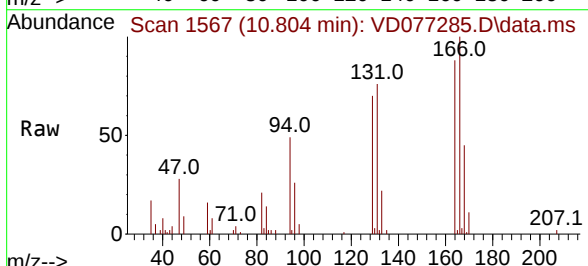
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

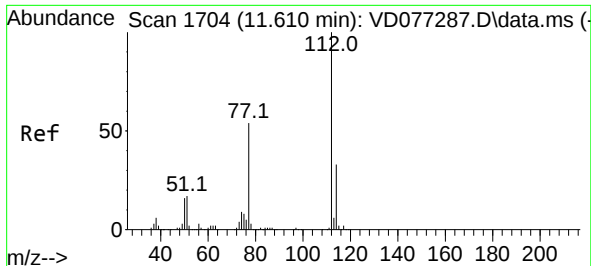
Tgt Ion:117 Resp: 273706
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 30.1 25.0 37.4



#64
Tetrachloroethene
Concen: 10.224 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:164 Resp: 26827
Ion Ratio Lower Upper
164 100
166 113.7 99.2 148.8
129 79.6 68.4 102.6
131 85.9 63.8 95.8

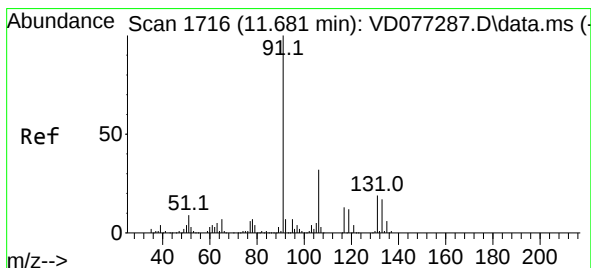
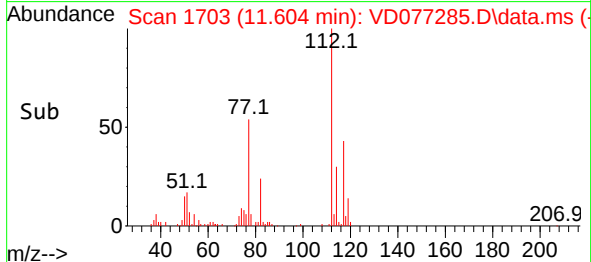
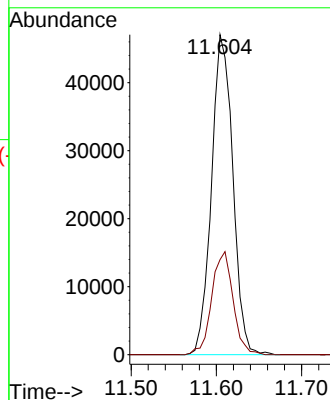
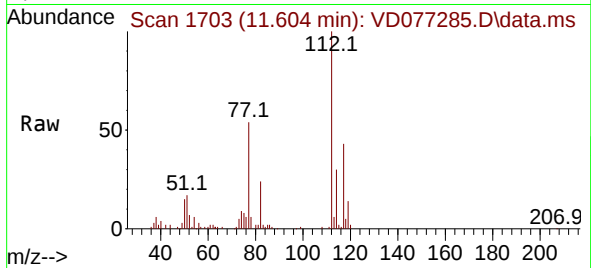




#65
Chlorobenzene
Concen: 9.994 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

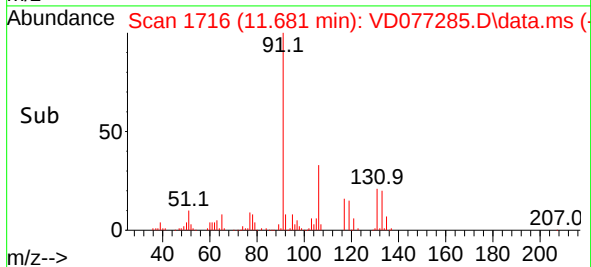
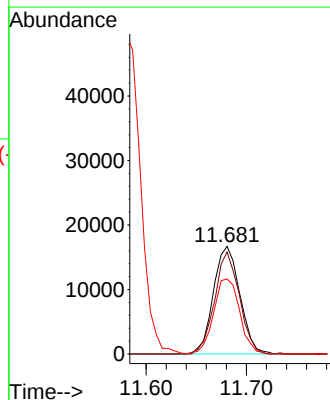
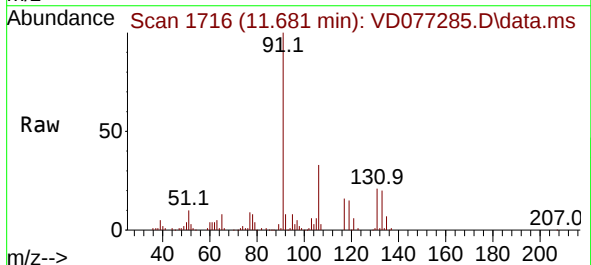
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

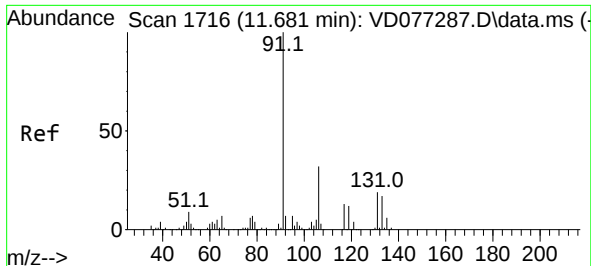
Tgt Ion:112 Resp: 81895
Ion Ratio Lower Upper
112 100
114 29.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.392 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:131 Resp: 30435
Ion Ratio Lower Upper
131 100
133 88.9 48.5 145.5
119 68.8 35.6 106.9





#67

Ethyl Benzene

Concen: 9.180 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

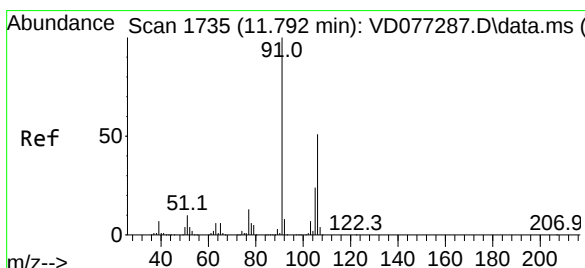
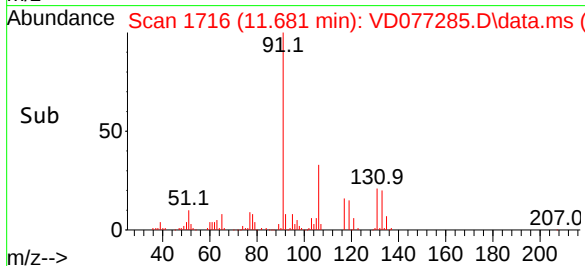
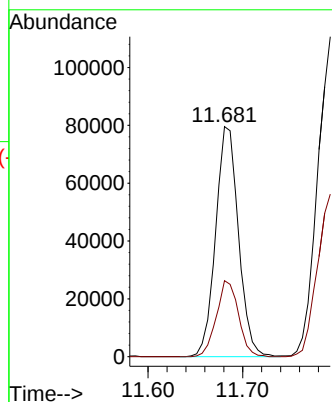
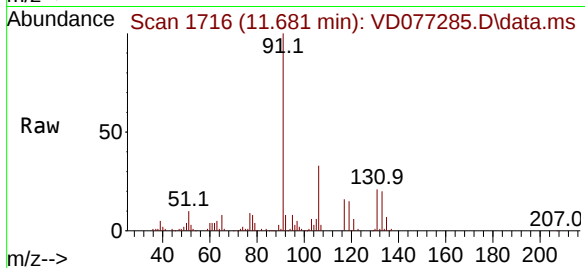
VSTDIC010

Tgt Ion: 91 Resp: 133375

Ion Ratio Lower Upper

91 100

106 33.0 26.5 39.7



#68

m/p-Xylenes

Concen: 18.994 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077285.D

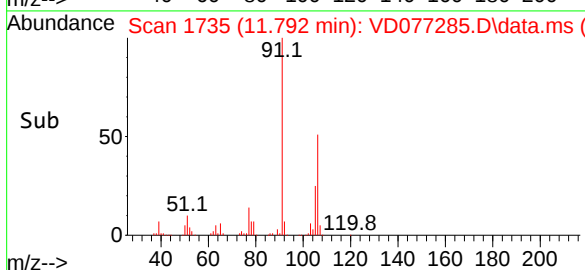
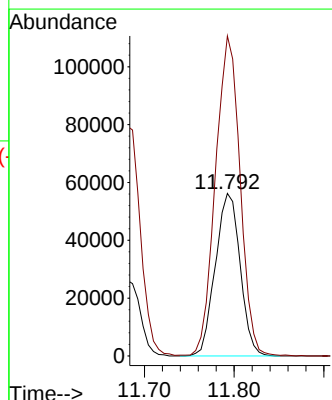
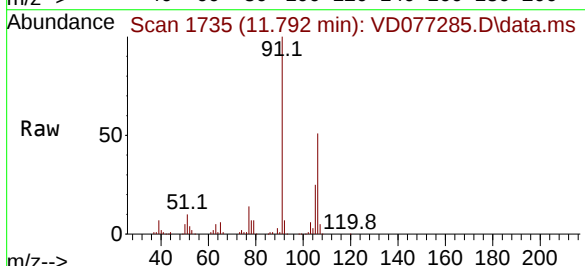
Acq: 06 Oct 2023 12:10

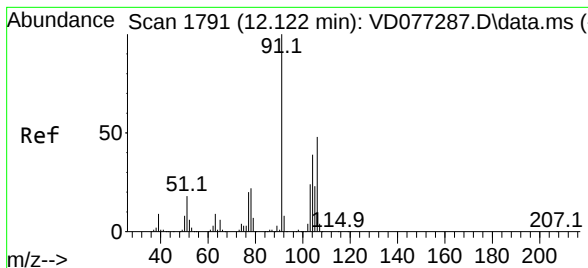
Tgt Ion: 106 Resp: 107771

Ion Ratio Lower Upper

106 100

91 196.1 147.0 220.6





#69

o-Xylene

Concen: 9.042 ug/l

RT: 12.116 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

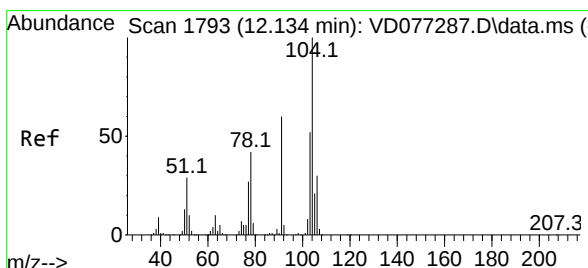
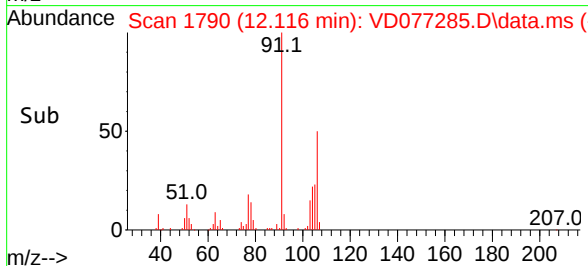
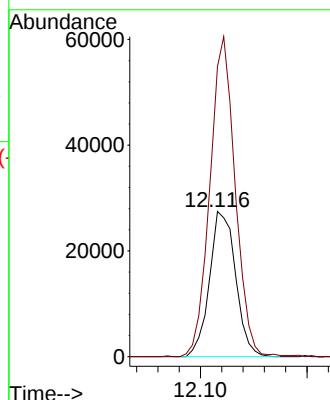
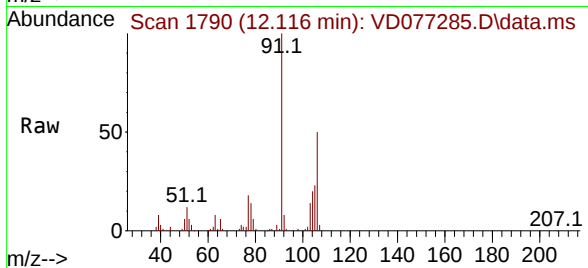
VSTDIC010

Tgt Ion:106 Resp: 46811

Ion Ratio Lower Upper

106 100

91 213.7 97.9 293.6



#70

Styrene

Concen: 9.457 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

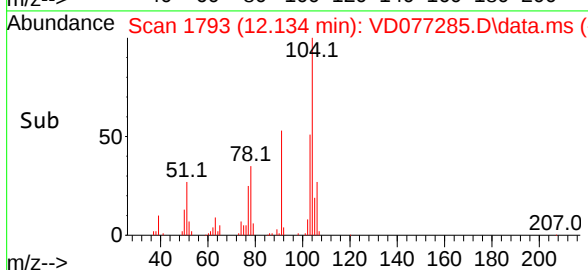
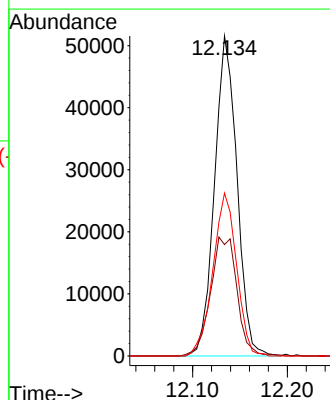
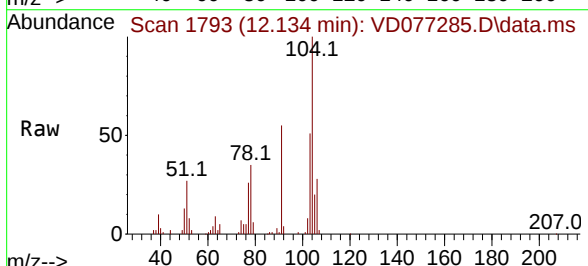
Tgt Ion:104 Resp: 84918

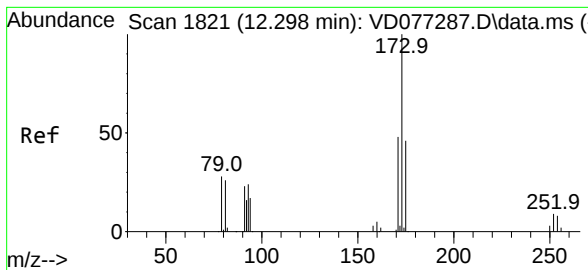
Ion Ratio Lower Upper

104 100

78 43.8 33.2 49.8

103 53.6 43.6 65.4

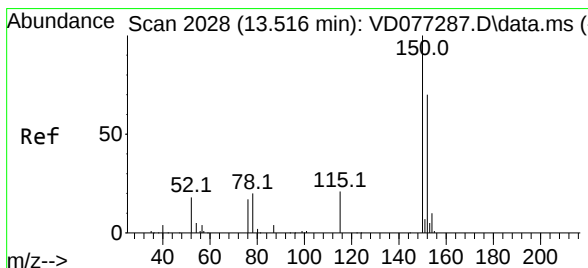
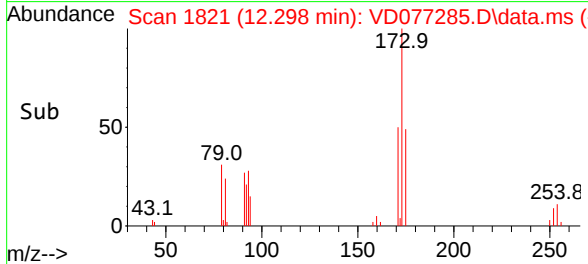
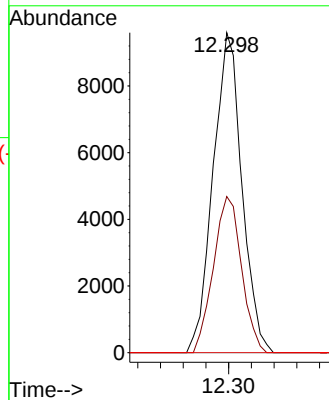
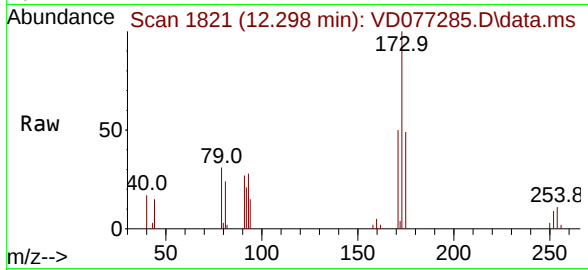




#71
Bromoform
Concen: 10.812 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

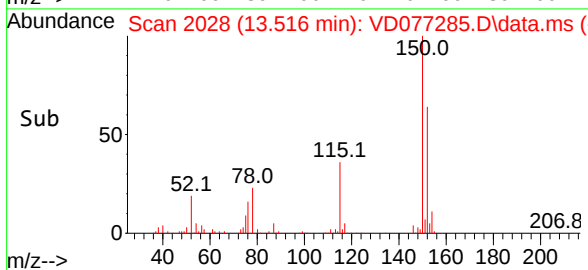
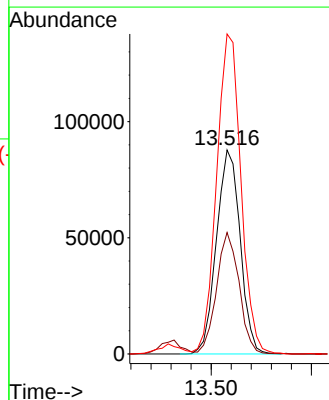
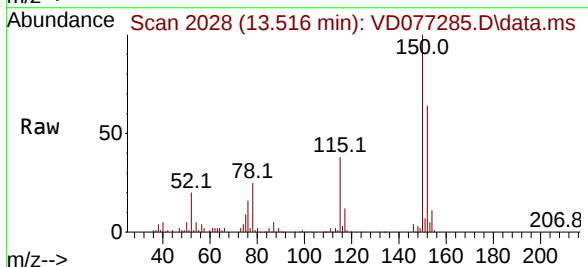
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

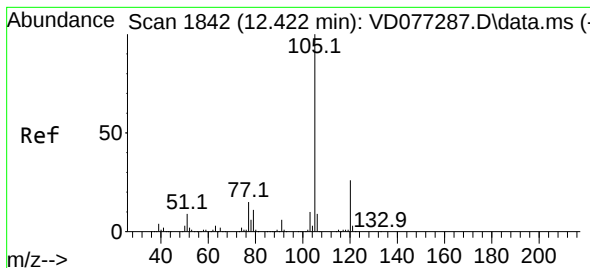
Tgt Ion:173 Resp: 16887
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:152 Resp: 144132
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 160.8 0.0 353.6





#73

Isopropylbenzene

Concen: 9.149 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

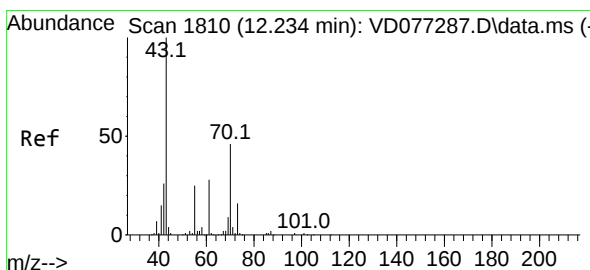
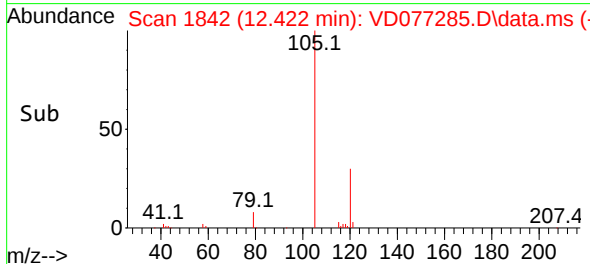
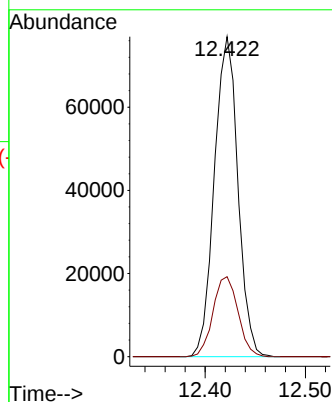
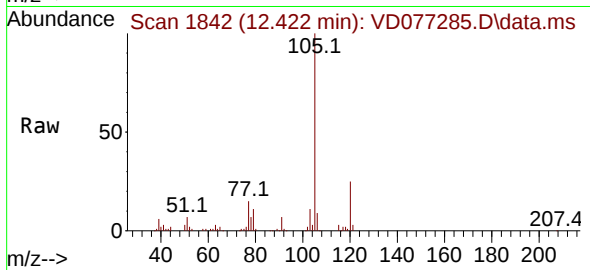
VSTDIC010

Tgt Ion:105 Resp: 125490

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 9.395 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Tgt Ion: 43 Resp: 26606

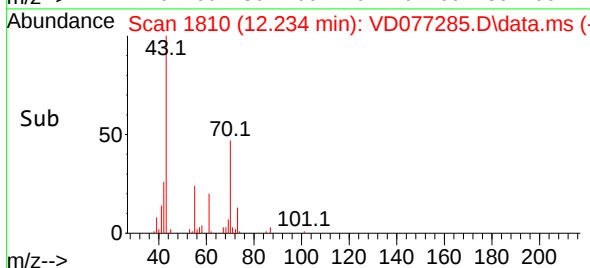
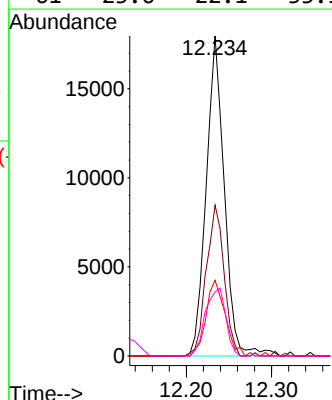
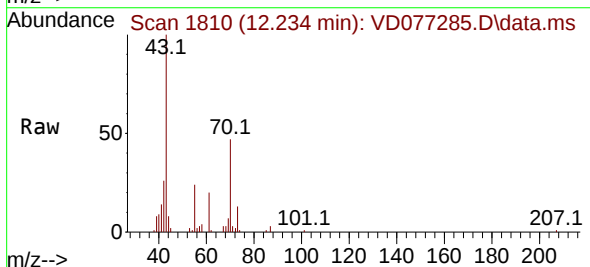
Ion Ratio Lower Upper

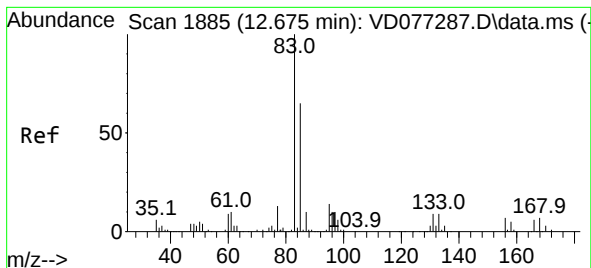
43 100

70 46.1 45.0 67.4

55 25.0 23.8 35.6

61 23.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 9.888 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

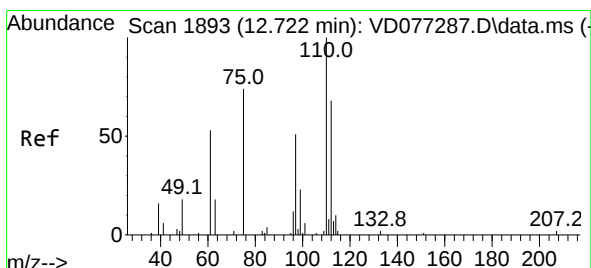
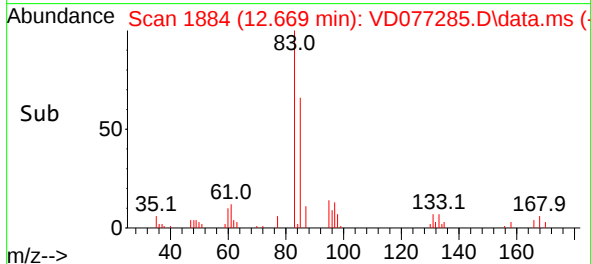
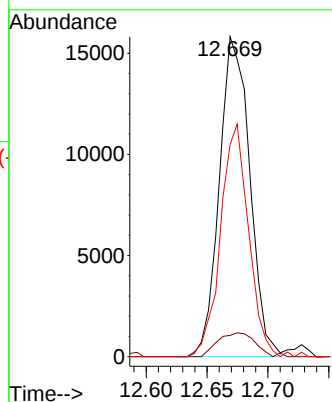
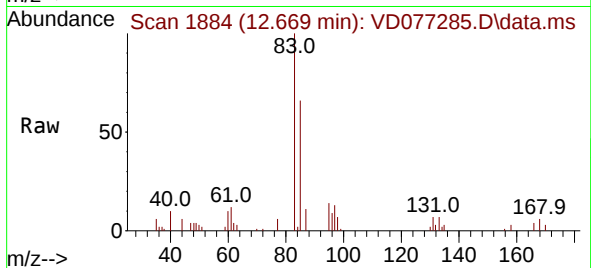
Tgt Ion: 83 Resp: 27413

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 67.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 16.621 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077285.D

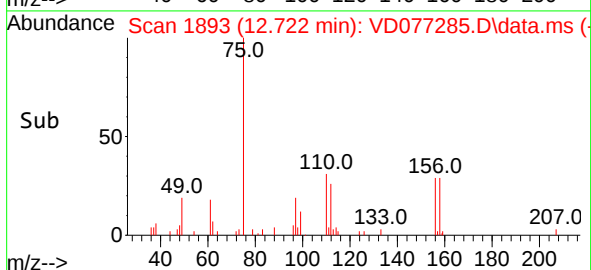
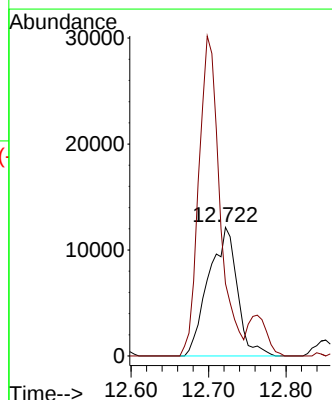
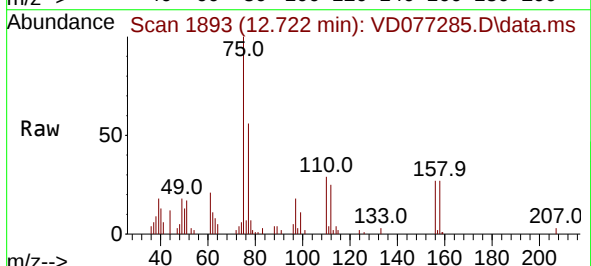
Acq: 06 Oct 2023 12:10

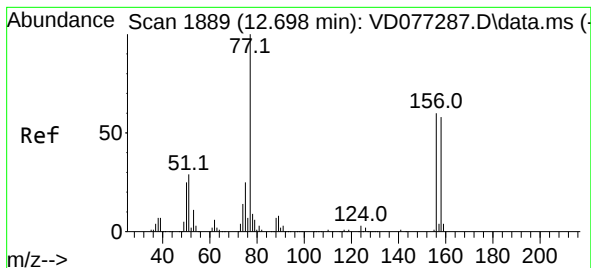
Tgt Ion: 75 Resp: 31317

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.626 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

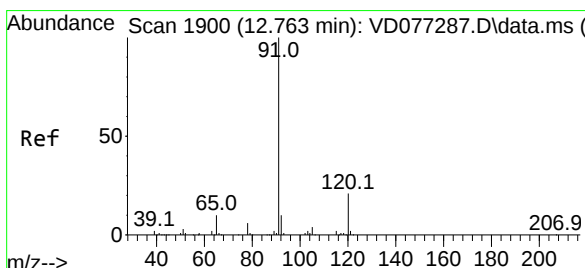
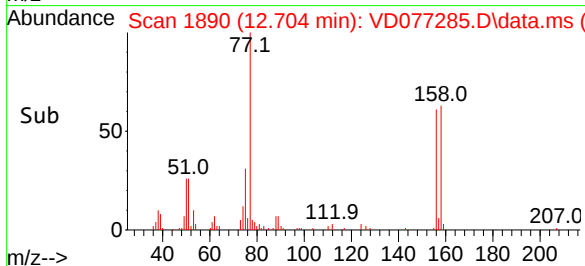
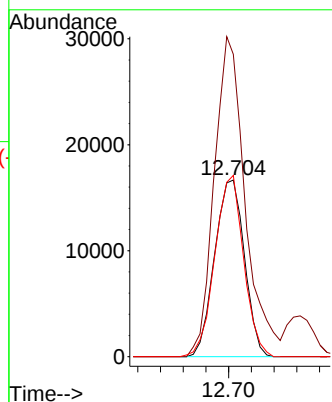
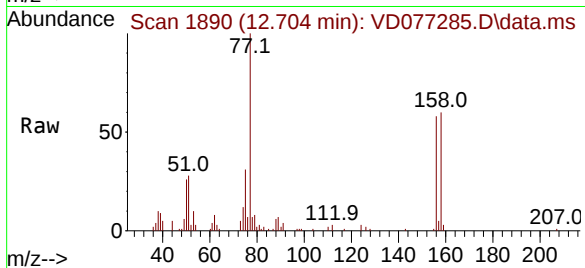
Tgt Ion:156 Resp: 30355

Ion Ratio Lower Upper

156 100

77 187.7 76.8 230.4

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 9.195 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077285.D

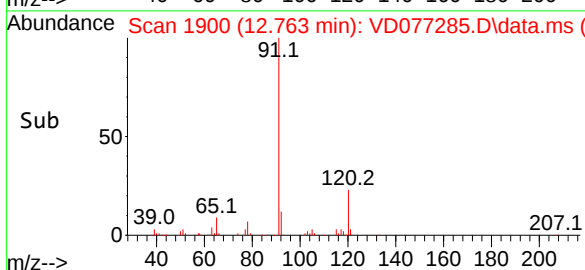
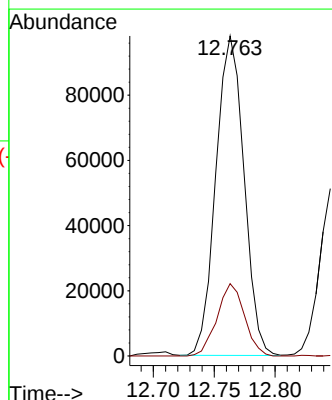
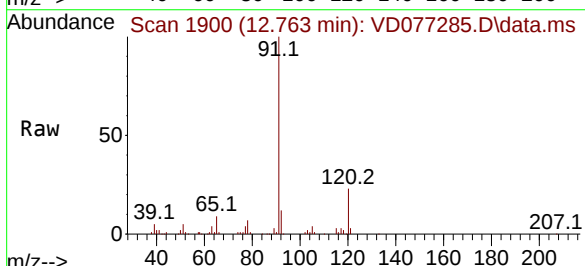
Acq: 06 Oct 2023 12:10

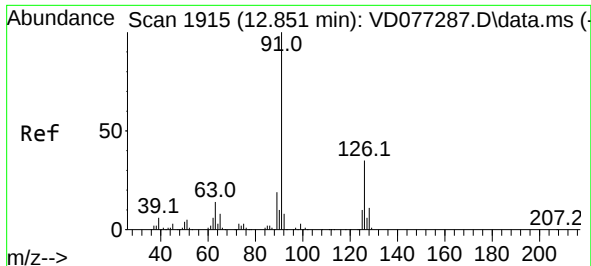
Tgt Ion: 91 Resp: 157634

Ion Ratio Lower Upper

91 100

120 22.0 12.4 37.2

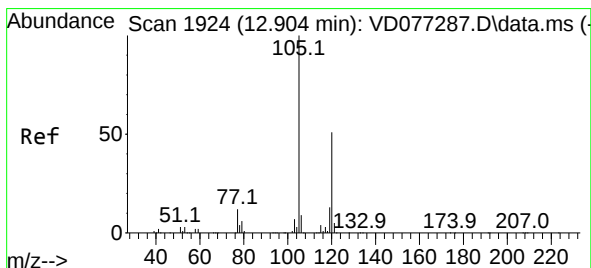
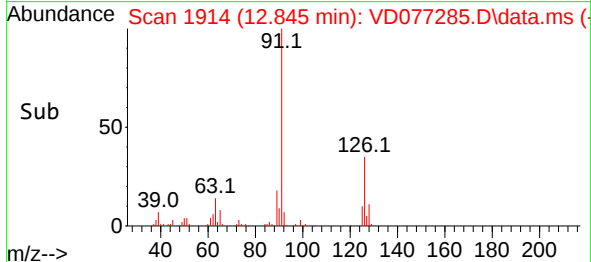
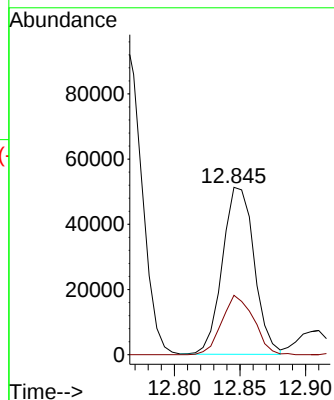
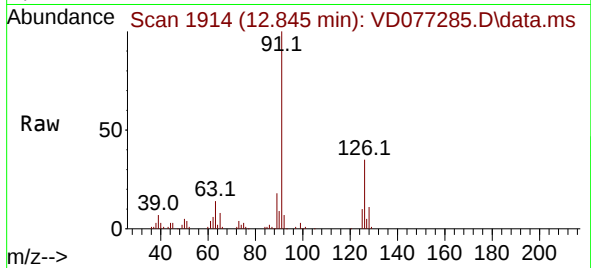




#79
2-Chlorotoluene
Concen: 9.348 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

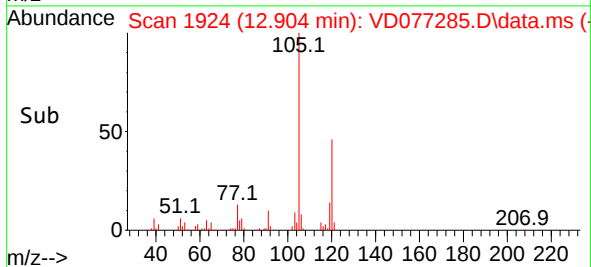
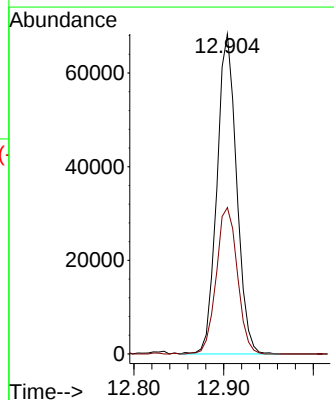
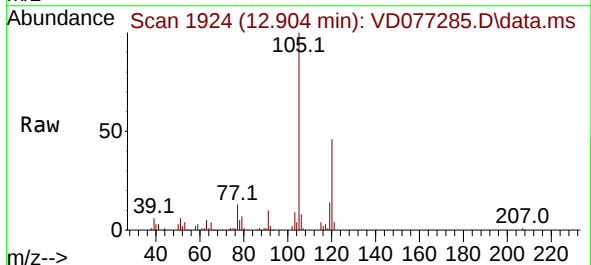
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

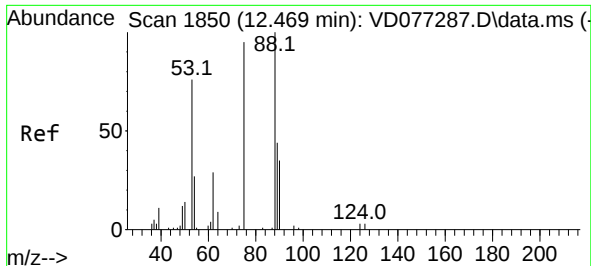
Tgt Ion: 91 Resp: 86580
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 9.194 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 105 Resp: 103945
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2

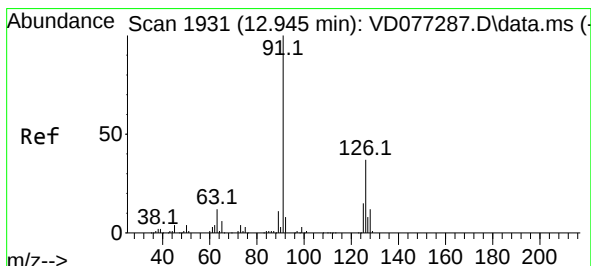
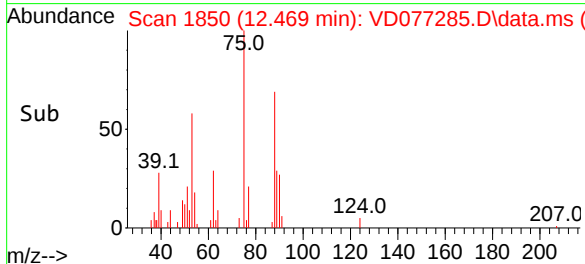
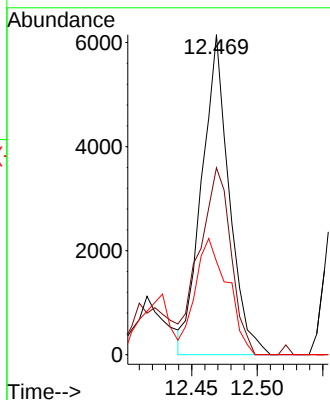
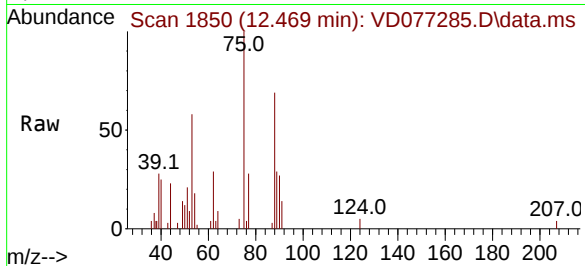




#81
trans-1,4-Dichloro-2-butene
Concen: 10.037 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

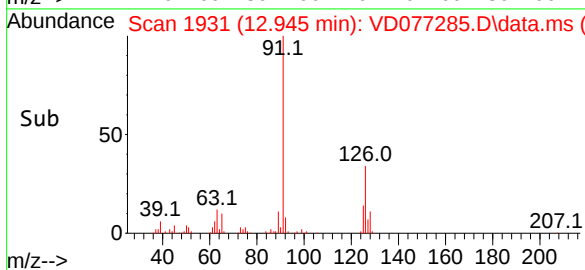
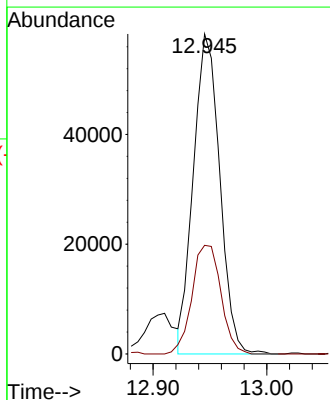
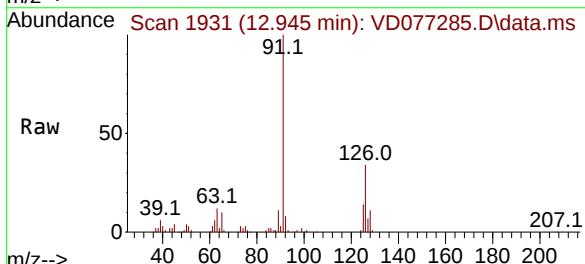
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

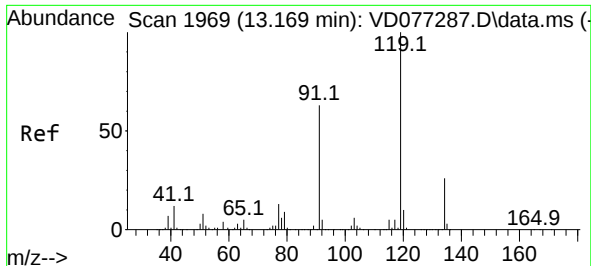
Tgt Ion: 75 Resp: 8917
Ion Ratio Lower Upper
75 100
53 67.7 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.538 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 91 Resp: 93843
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

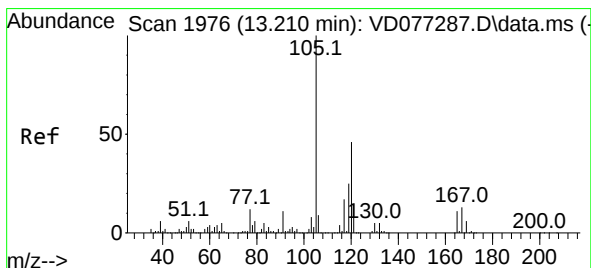
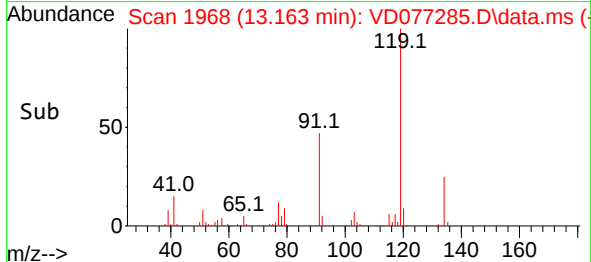
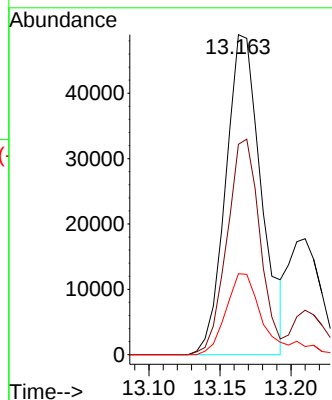
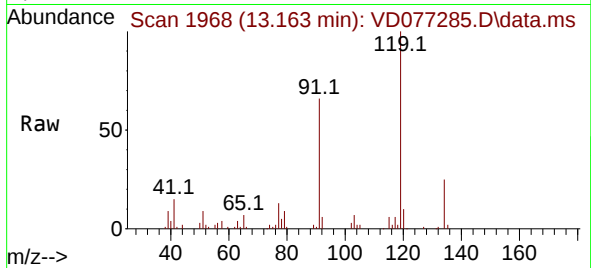




#83
tert-Butylbenzene
Concen: 8.946 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

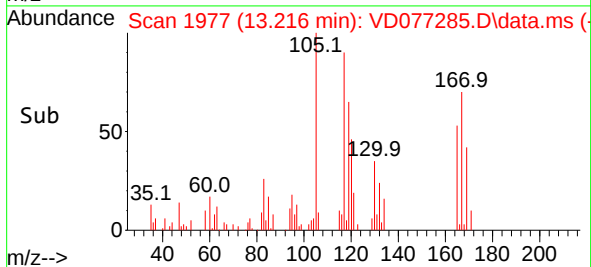
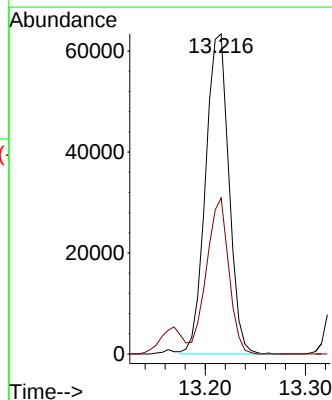
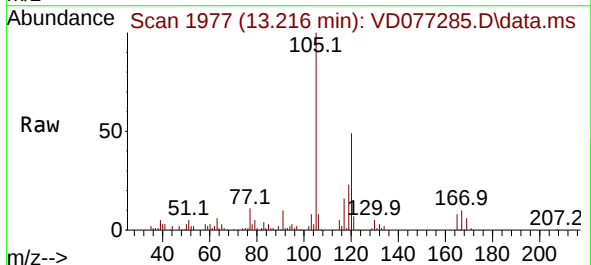
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

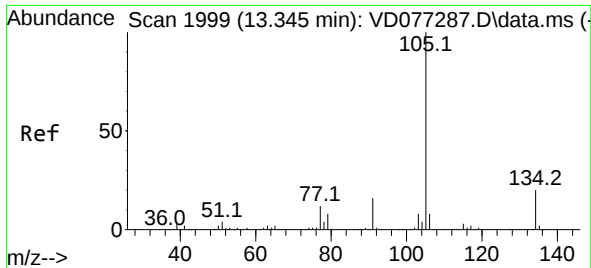
Tgt Ion:119 Resp: 85548
Ion Ratio Lower Upper
119 100
91 62.4 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 9.060 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion:105 Resp: 102628
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9

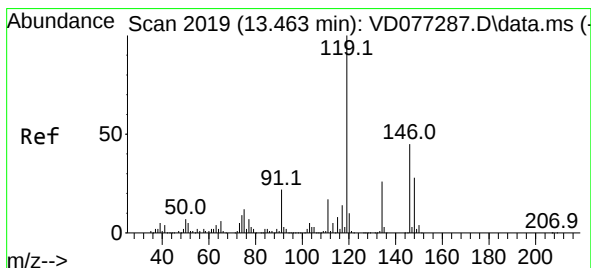
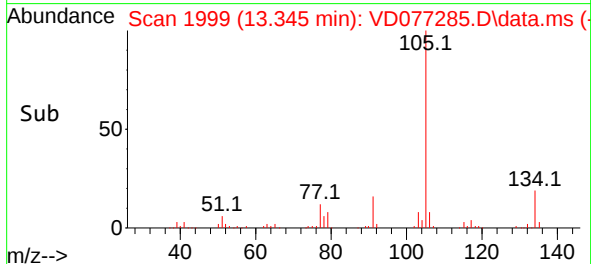
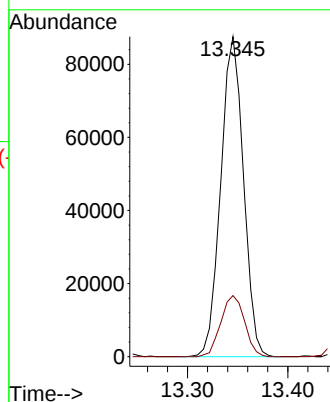
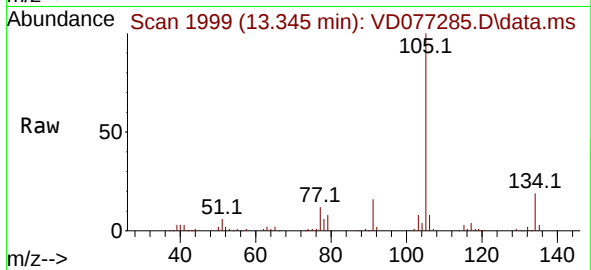




#85
 sec-Butylbenzene
 Concen: 9.260 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

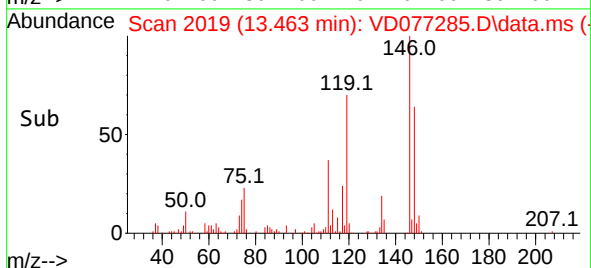
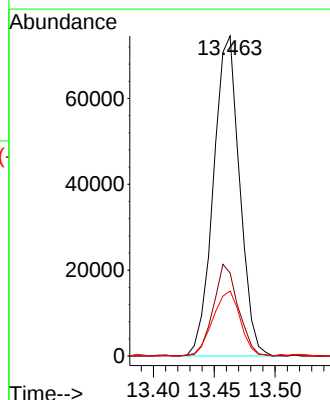
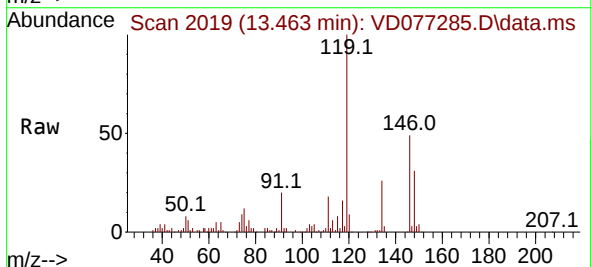
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

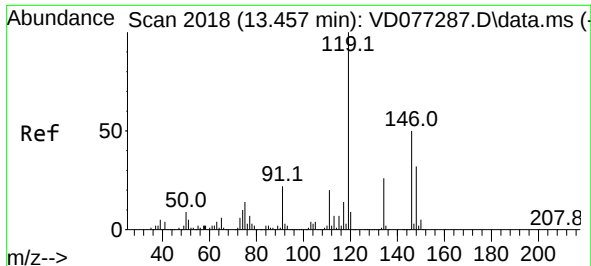
Tgt Ion:105 Resp: 137522
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 9.109 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

Tgt Ion:119 Resp: 111469
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.985 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

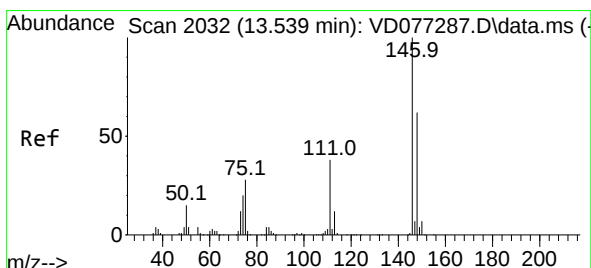
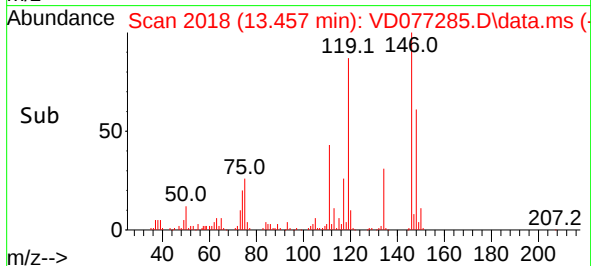
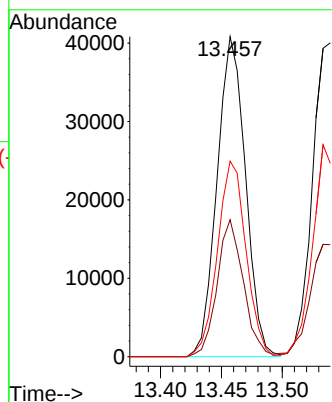
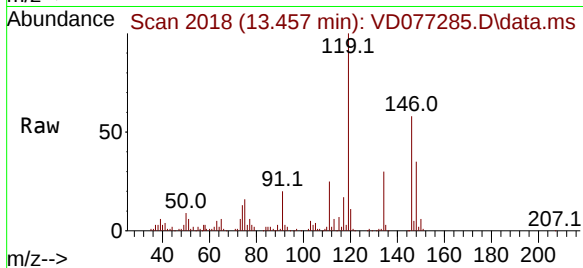
Tgt Ion:146 Resp: 66409

Ion Ratio Lower Upper

146 100

111 39.5 17.9 53.8

148 61.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 10.109 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

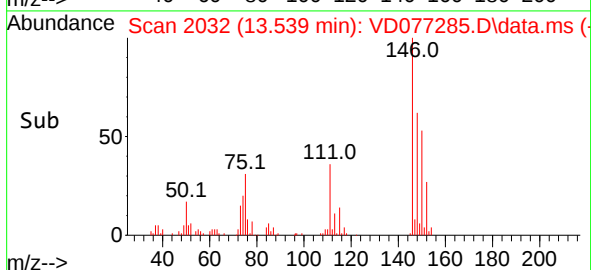
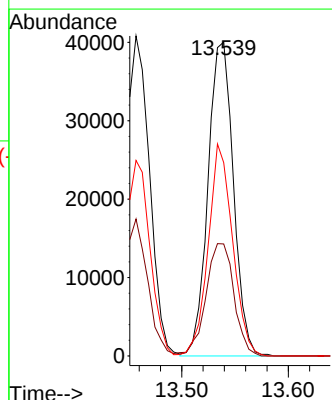
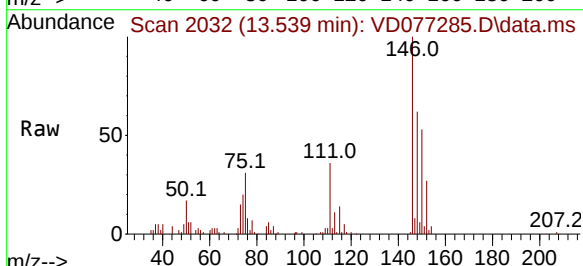
Tgt Ion:146 Resp: 66440

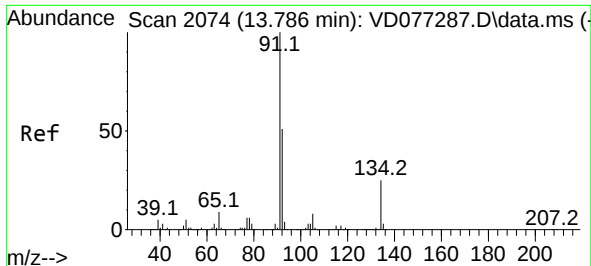
Ion Ratio Lower Upper

146 100

111 39.6 17.4 52.3

148 65.0 31.7 95.1

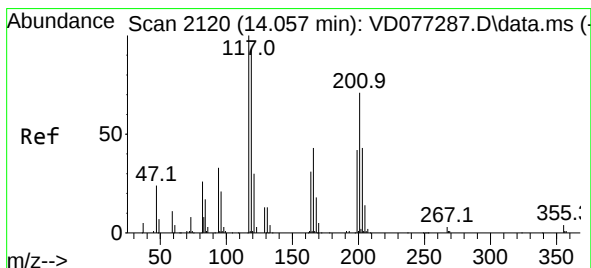
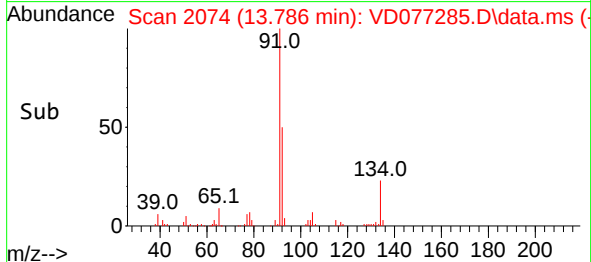
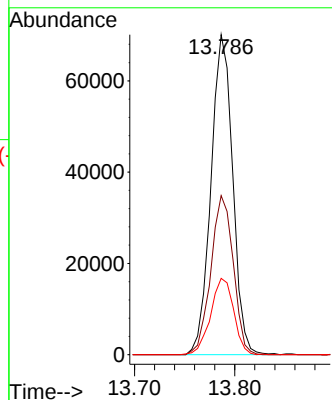
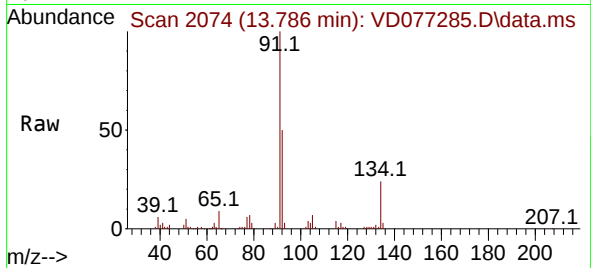




#89
n-Butylbenzene
Concen: 8.915 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

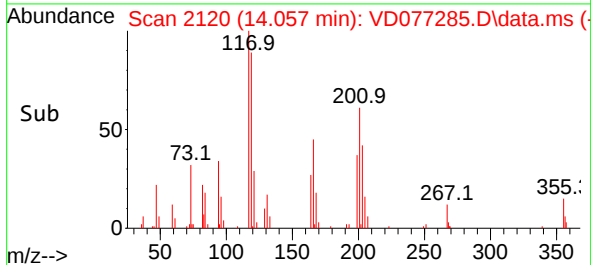
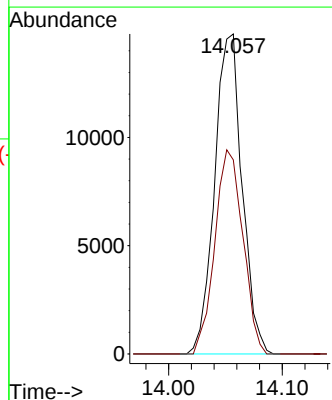
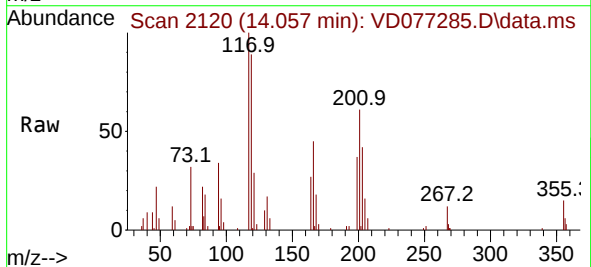
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

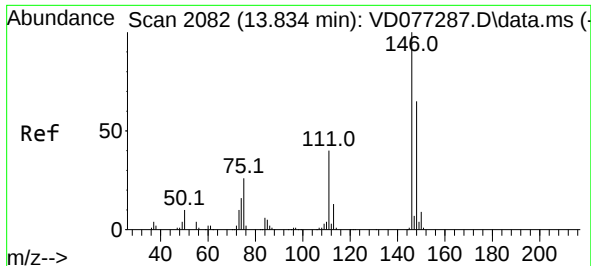
Tgt Ion: 91 Resp: 105549
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 25.3 13.8 41.3



#90
Hexachloroethane
Concen: 10.067 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077285.D
Acq: 06 Oct 2023 12:10

Tgt Ion: 117 Resp: 24904
Ion Ratio Lower Upper
117 100
201 65.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 9.907 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

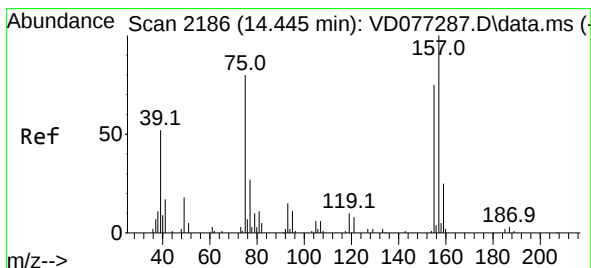
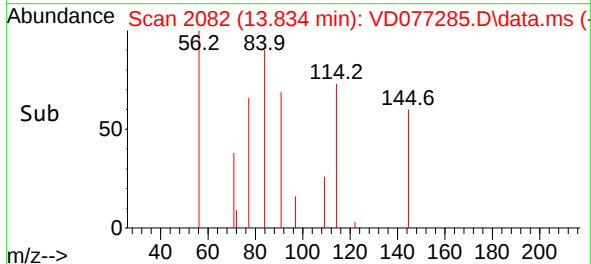
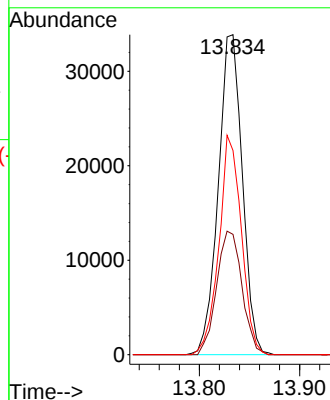
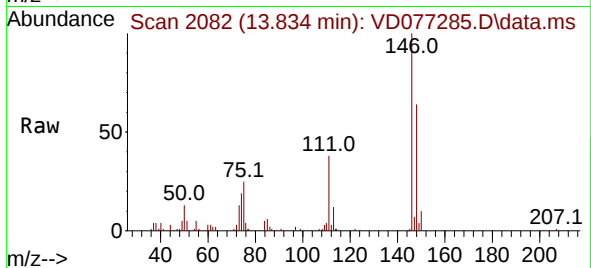
Tgt Ion:146 Resp: 56399

Ion Ratio Lower Upper

146 100

111 40.6 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.481 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

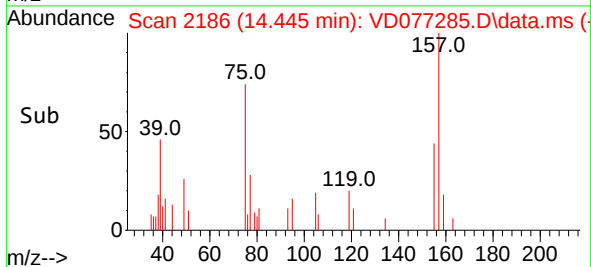
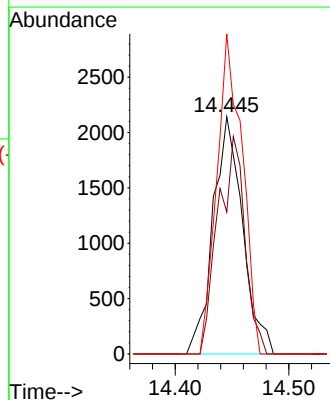
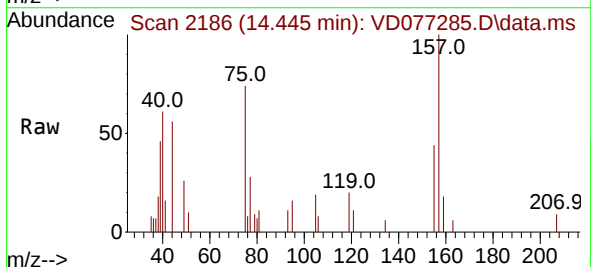
Tgt Ion: 75 Resp: 3878

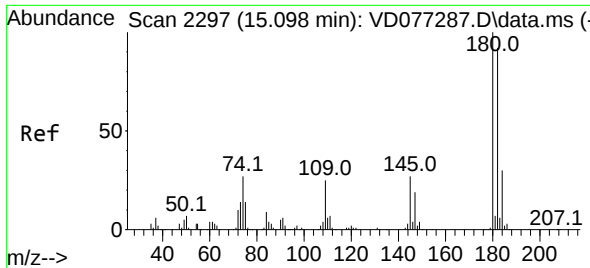
Ion Ratio Lower Upper

75 100

155 82.3 47.9 143.8

157 115.8 59.9 179.7

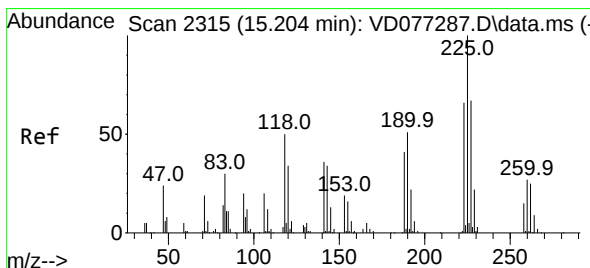
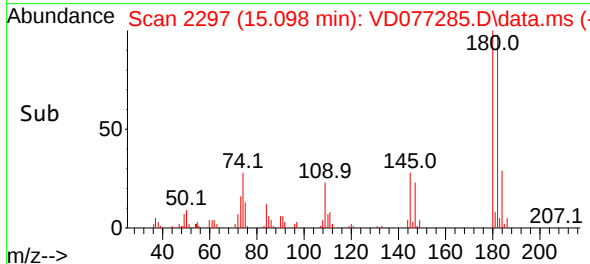
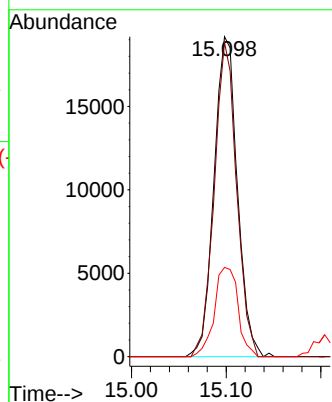
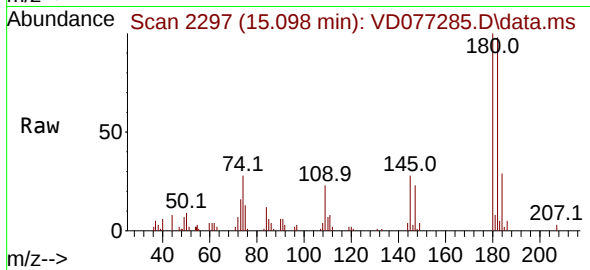




#93
 1,2,4-Trichlorobenzene
 Concen: 9.522 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

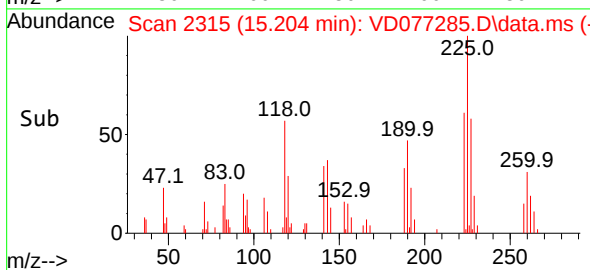
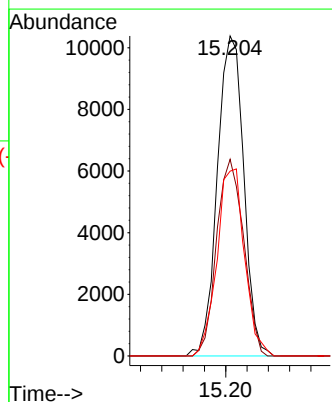
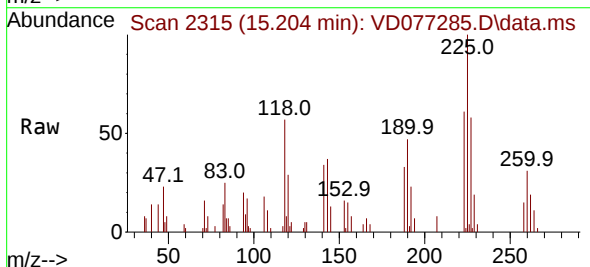
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

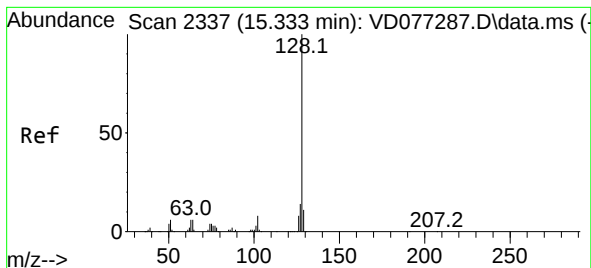
Tgt Ion:180 Resp: 32841
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.5 145.6
 145 28.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 9.992 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077285.D
 Acq: 06 Oct 2023 12:10

Tgt Ion:225 Resp: 17877
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.8
 227 61.0 31.7 95.1





#95

Naphthalene

Concen: 8.582 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

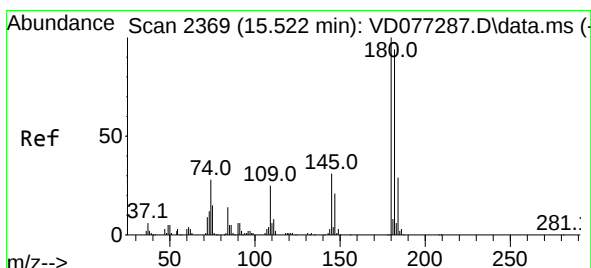
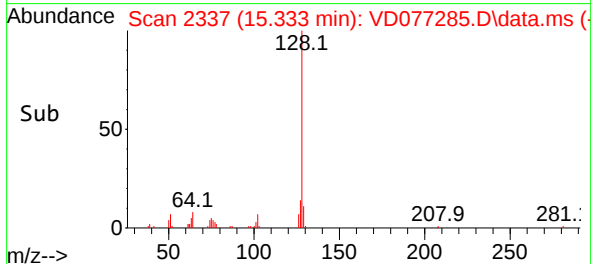
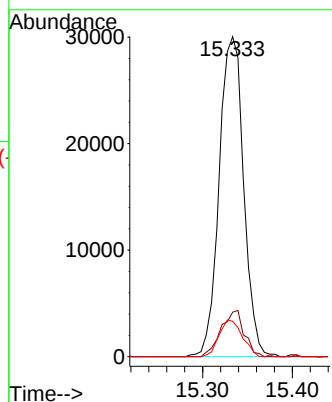
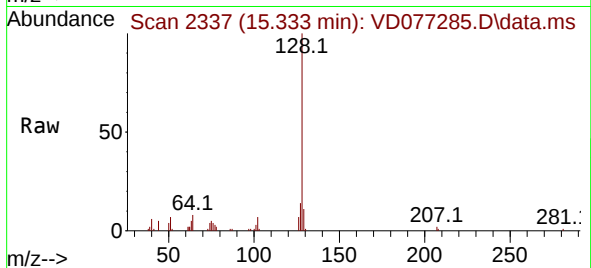
Tgt Ion:128 Resp: 56842

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.886 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077285.D

Acq: 06 Oct 2023 12:10

Tgt Ion:180 Resp: 30041

Ion Ratio Lower Upper

180 100

182 88.5 47.3 141.9

145 29.3 15.1 45.3

