

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077129.D
 Acq On : 18 Sep 2023 14:59
 Operator : JC/SY
 Sample : VD0918SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 04:55:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	213546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	359778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112534	52.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.440%	
35) Dibromofluoromethane	7.805	113	129502	51.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.640%	
50) Toluene-d8	10.269	98	479117	53.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.575	95	144754	52.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	54602	24.742	ug/l	87
3) Chloromethane	2.146	50	91783	22.499	ug/l	100
4) Vinyl Chloride	2.281	62	93776	21.490	ug/l	97
5) Bromomethane	2.681	94	76187	23.972	ug/l	94
6) Chloroethane	2.834	64	66271	24.407	ug/l	97
7) Trichlorofluoromethane	3.170	101	101764	25.801	ug/l	100
8) Diethyl Ether	3.587	74	25372	19.931	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	58185	23.595	ug/l	99
10) Methyl Iodide	4.164	142	69629	19.755	ug/l #	89
11) Tert butyl alcohol	5.058	59	11787	95.926	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	53440	21.512	ug/l	96
13) Acrolein	3.793	56	12553	140.282	ug/l	94
14) Allyl chloride	4.564	41	63673	21.009	ug/l	94
15) Acrylonitrile	5.252	53	55300	103.598	ug/l	98
16) Acetone	4.022	43	47523	96.481	ug/l	92
17) Carbon Disulfide	4.269	76	178191	21.790	ug/l	100
18) Methyl Acetate	4.558	43	40210	21.589	ug/l	93
19) Methyl tert-butyl Ether	5.311	73	108661	20.215	ug/l	95
20) Methylene Chloride	4.799	84	84704	23.203	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	61943	20.628	ug/l	93
22) Diisopropyl ether	6.216	45	137091	20.006	ug/l	94
23) Vinyl Acetate	6.158	43	335964	122.636	ug/l	95
24) 1,1-Dichloroethane	6.111	63	103618	21.068	ug/l	96
25) 2-Butanone	7.081	43	64481	99.505	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	86529	20.727	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	68562	20.310	ug/l	98
28) Bromochloromethane	7.422	49	32087	21.246	ug/l	84
29) Tetrahydrofuran	7.446	42	38451	101.501	ug/l	91
30) Chloroform	7.599	83	111177	20.975	ug/l	97
31) Cyclohexane	7.875	56	86024	22.816	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	96921	21.906	ug/l	95
36) 1,1-Dichloropropene	8.005	75	82219	21.846	ug/l	97
37) Ethyl Acetate	7.163	43	27085	18.758	ug/l	97
38) Carbon Tetrachloride	7.987	117	82400	22.276	ug/l	96
39) Methylcyclohexane	9.275	83	97130	22.431	ug/l	98
40) Benzene	8.252	78	243165	20.883	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15478	20.083	ug/l	93
42) 1,2-Dichloroethane	8.328	62	58646	20.315	ug/l	98
43) Isopropyl Acetate	8.363	43	53999	20.312	ug/l	96
44) Trichloroethene	9.028	130	66021	20.486	ug/l	91
45) 1,2-Dichloropropane	9.305	63	59015	20.867	ug/l	96
46) Dibromomethane	9.399	93	35915	21.854	ug/l	92
47) Bromodichloromethane	9.581	83	81981	20.643	ug/l #	90
48) Methyl methacrylate	9.381	41	23686	19.607	ug/l	89
49) 1,4-Dioxane	9.387	88	6103	411.406	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	138919	99.914	ug/l	92
52) Toluene	10.334	92	156482	21.007	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	75655	20.390	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	89848	20.212	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	46072	20.611	ug/l	91
56) Ethyl methacrylate	10.599	69	47993	19.985	ug/l	91
57) 1,3-Dichloropropane	10.881	76	76652	21.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	71882	79.077	ug/l	100
59) 2-Hexanone	10.922	43	99301	99.540	ug/l	89
60) Dibromochloromethane	11.075	129	57374	20.956	ug/l	98
61) 1,2-Dibromoethane	11.181	107	45334	20.979	ug/l	97
64) Tetrachloroethene	10.810	164	57509	21.943	ug/l	92
65) Chlorobenzene	11.610	112	167893	21.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	60861	20.994	ug/l	98
67) Ethyl Benzene	11.687	91	284334	20.876	ug/l	99
68) m/p-Xylenes	11.793	106	232313	42.599	ug/l	93
69) o-Xylene	12.122	106	104119	20.801	ug/l	93
70) Styrene	12.134	104	181677	21.304	ug/l	98
71) Bromoform	12.298	173	34101	21.221	ug/l #	98
73) Isopropylbenzene	12.422	105	270788	20.646	ug/l	96
74) N-amyl acetate	12.234	43	49977	20.285	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	51247	20.705	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	59968	42.354	ug/l #	100
77) Bromobenzene	12.698	156	66126	20.248	ug/l	96
78) n-propylbenzene	12.763	91	337525	21.054	ug/l	98
79) 2-Chlorotoluene	12.851	91	182671	20.663	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	228830	20.891	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14990	20.039	ug/l	98
82) 4-Chlorotoluene	12.945	91	195296	21.019	ug/l	97
83) tert-Butylbenzene	13.169	119	192288	20.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	231986	20.887	ug/l	97
85) sec-Butylbenzene	13.345	105	299845	21.353	ug/l	96
86) p-Isopropyltoluene	13.463	119	254522	21.365	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	137024	20.402	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	135822	20.554	ug/l	96
89) n-Butylbenzene	13.787	91	230755	20.998	ug/l	98
90) Hexachloroethane	14.051	117	50352	21.312	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	118059	20.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6765	20.469	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	69963	19.693	ug/l	99
94) Hexachlorobutadiene	15.204	225	41038	21.798	ug/l	97
95) Naphthalene	15.334	128	125937	19.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	63503	20.110	ug/l	99

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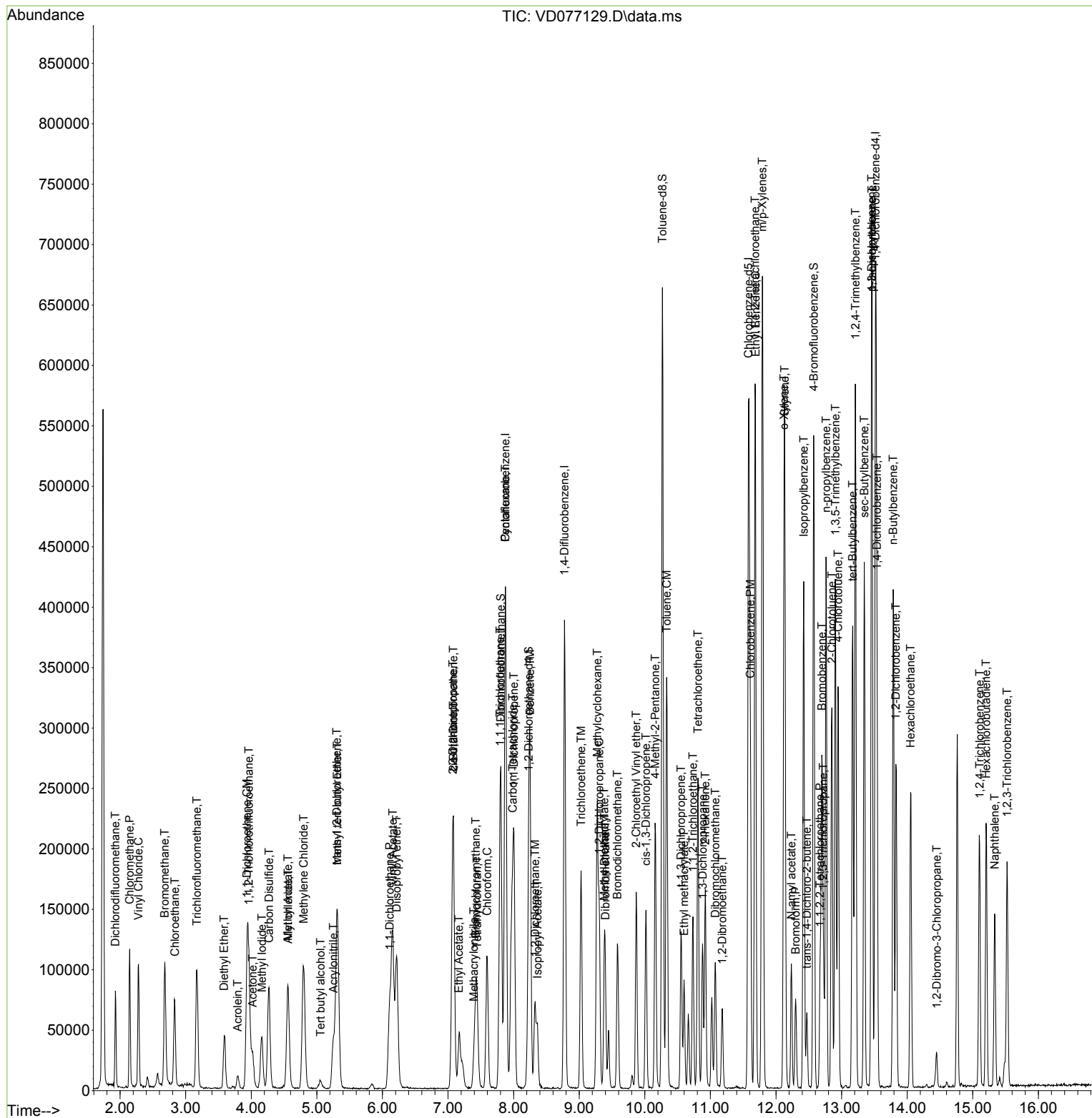
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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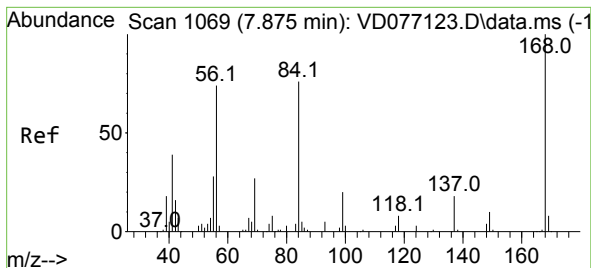
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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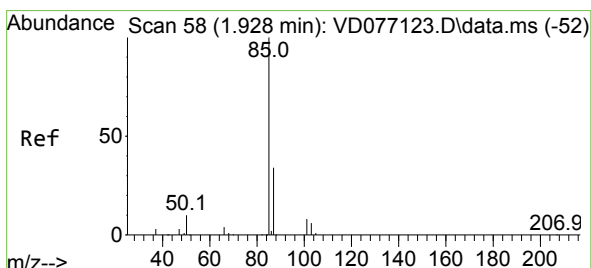
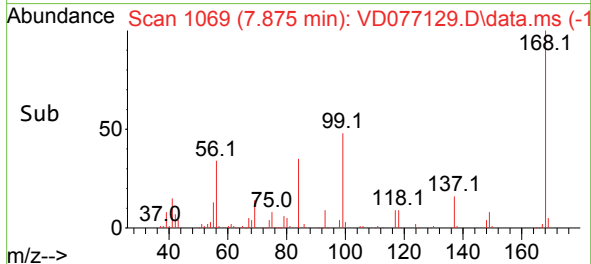
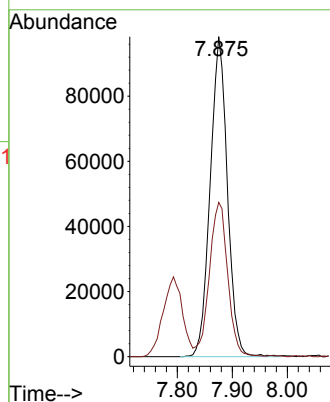
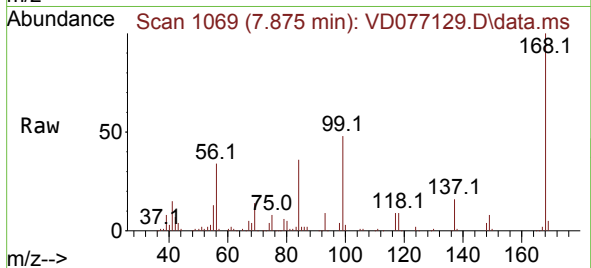




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077129.D
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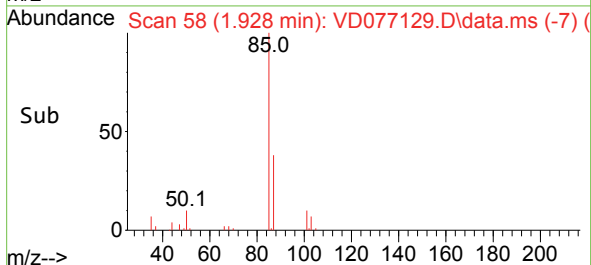
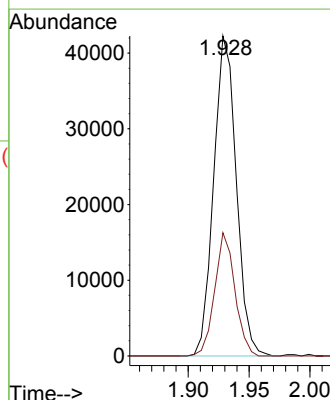
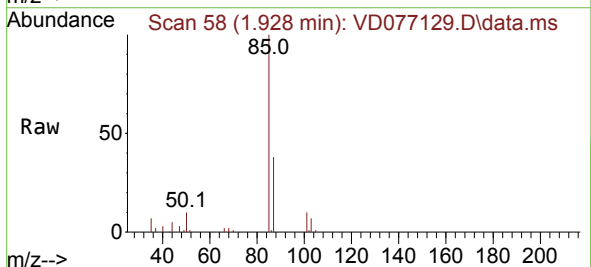
Instrument :
MSVOA_D
ClientSampleId :

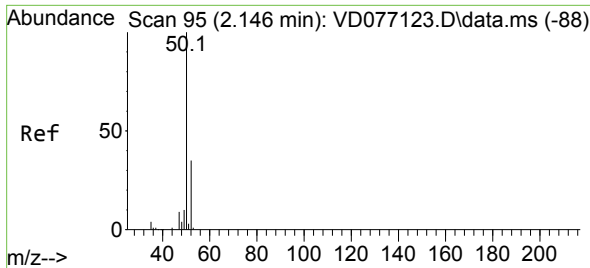
Tgt Ion:168 Resp: 213546
Ion Ratio Lower Upper
168 100
99 47.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 24.742 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 85 Resp: 54602
Ion Ratio Lower Upper
85 100
87 38.5 15.7 47.0

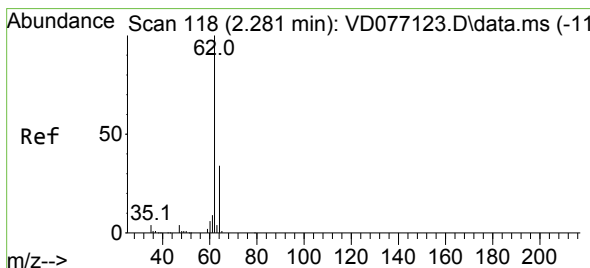
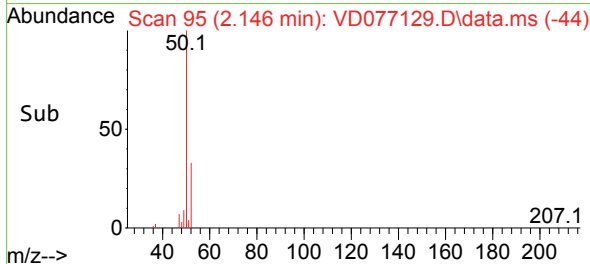
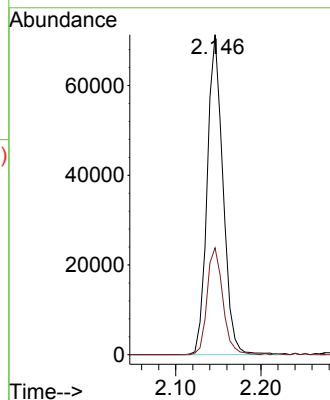
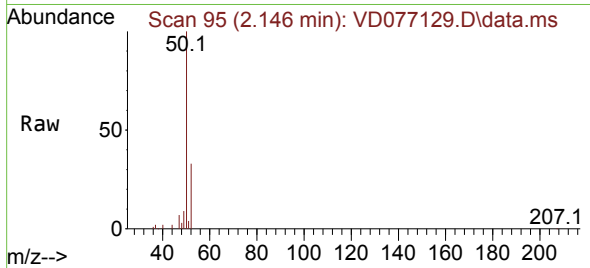




#3
Chloromethane
Concen: 22.499 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

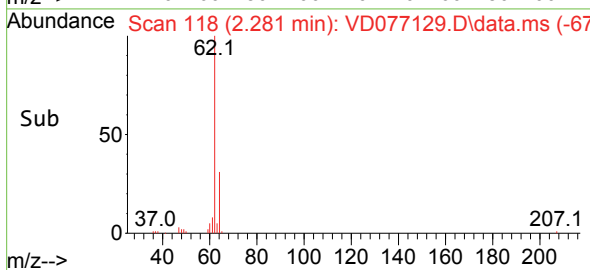
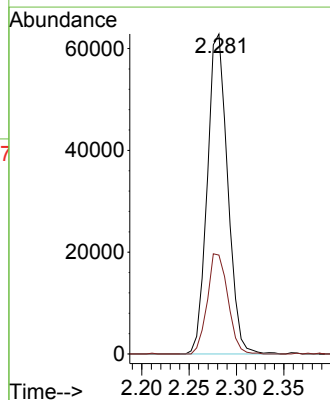
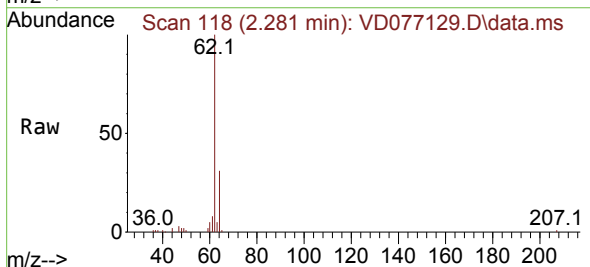
Instrument :
MSVOA_D
ClientSampleId :

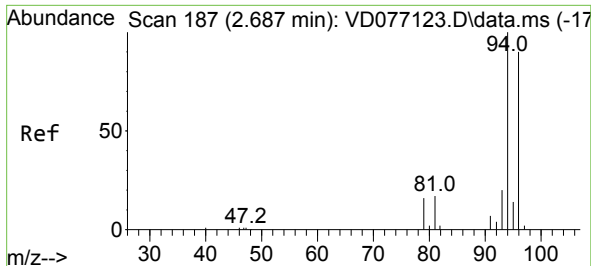
Tgt Ion: 50 Resp: 91783
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 21.490 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 62 Resp: 93776
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0

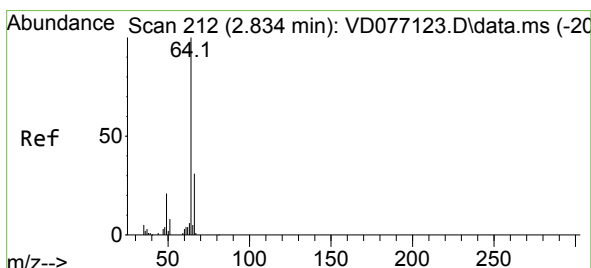
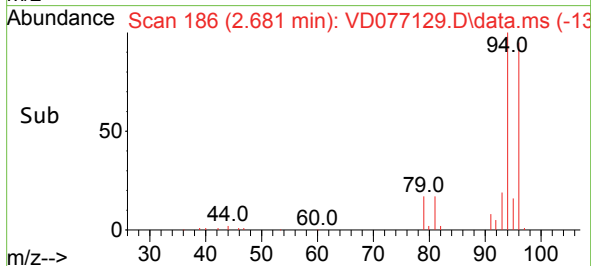
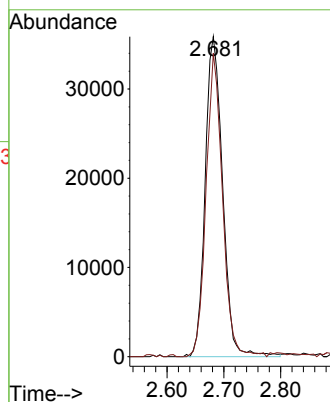
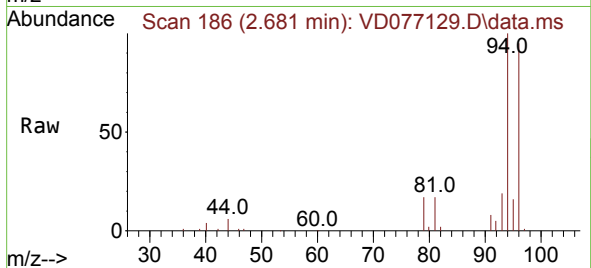




#5
Bromomethane
Concen: 23.972 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD077129.D
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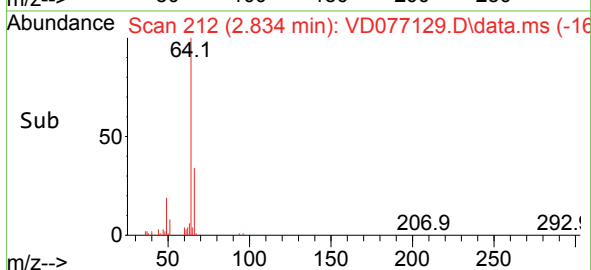
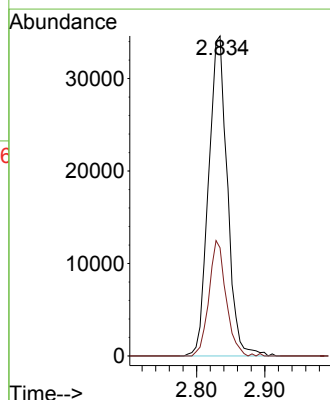
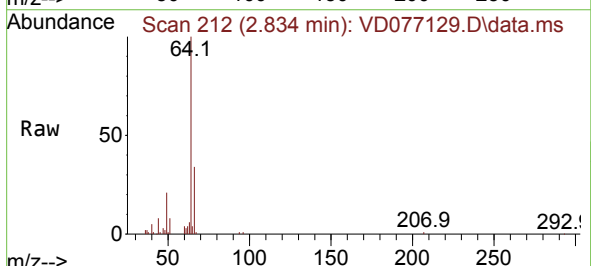
Instrument :
MSVOA_D
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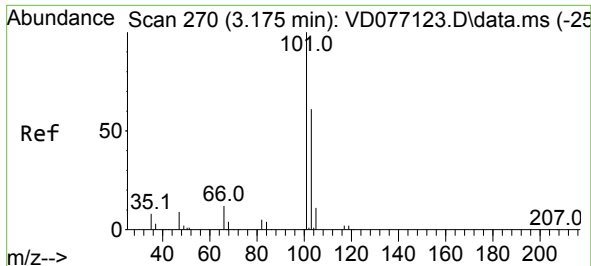
Tgt Ion: 94 Resp: 76187
Ion Ratio Lower Upper
94 100
96 89.4 75.8 113.8



#6
Chloroethane
Concen: 24.407 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 64 Resp: 66271
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3

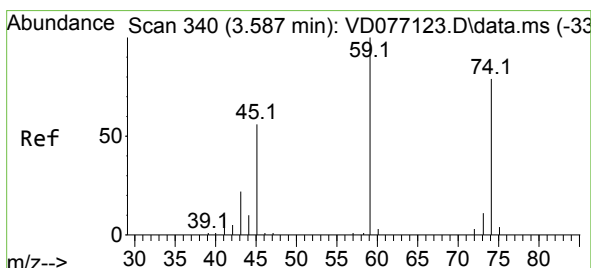
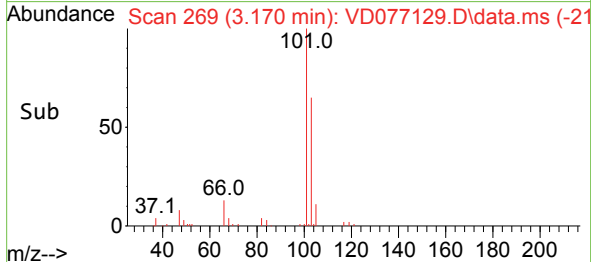
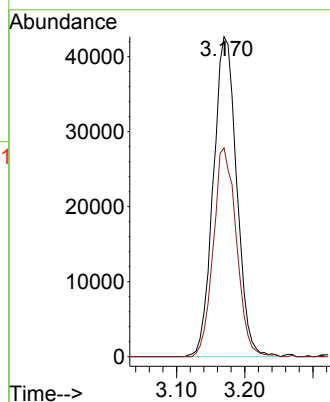
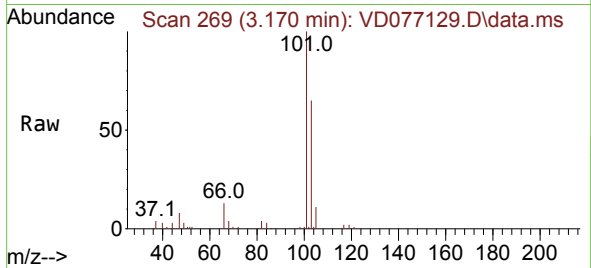




#7
 Trichlorofluoromethane
 Concen: 25.801 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077129.D
 Acq: 18 Sep 2023 14:59

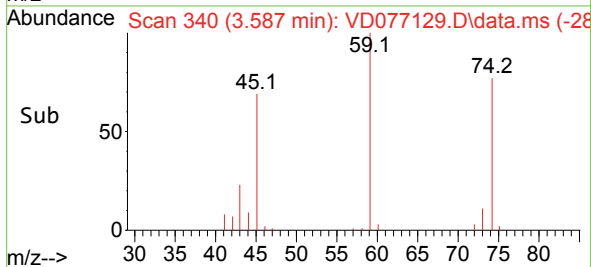
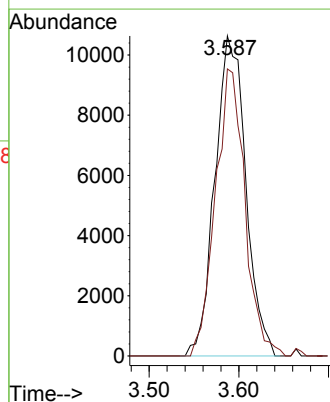
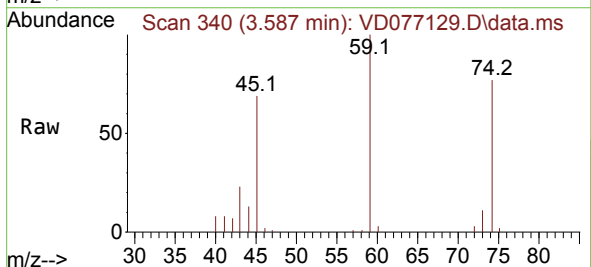
Instrument :
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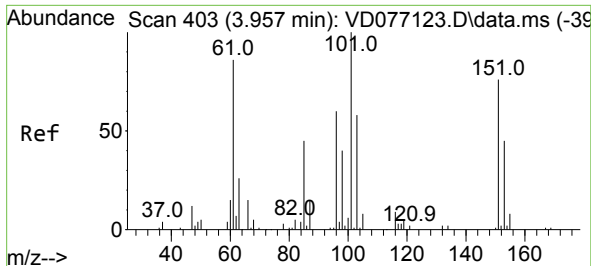
Tgt Ion:101 Resp: 101764
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.931 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 25372
 Ion Ratio Lower Upper
 74 100
 45 85.9 37.5 112.7

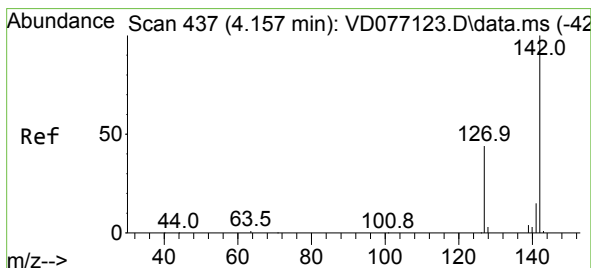
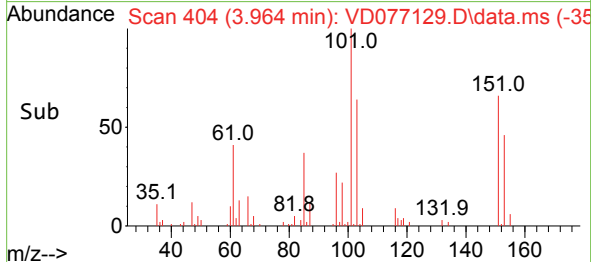
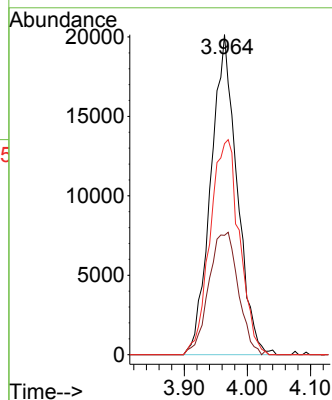
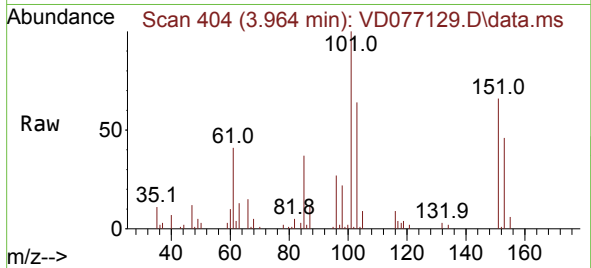




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.595 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

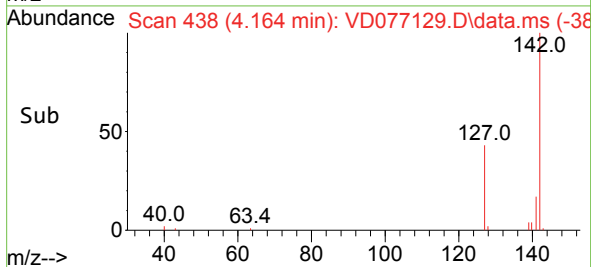
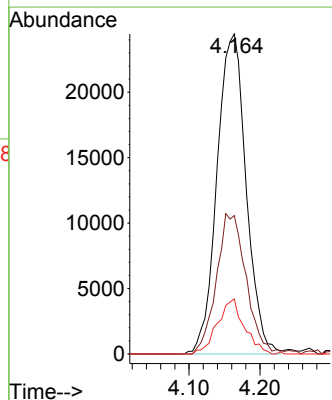
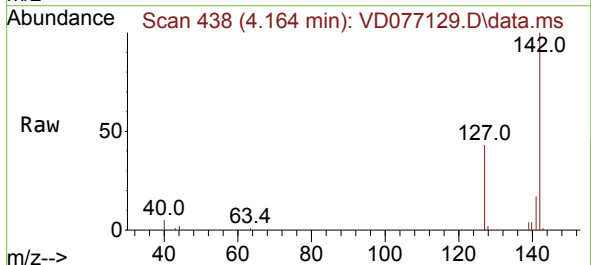
Instrument :
MSVOA_D
ClientSampleId :

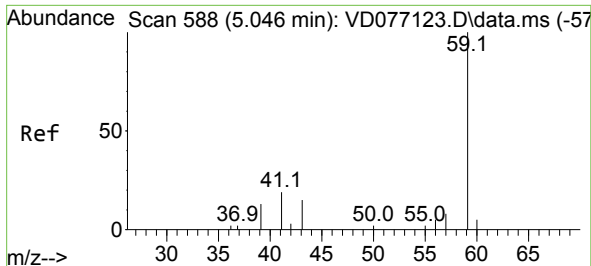
Tgt Ion:101 Resp: 58185
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 75.2 59.8 89.6



#10
Methyl Iodide
Concen: 19.755 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion:142 Resp: 69629
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 15.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 95.926 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

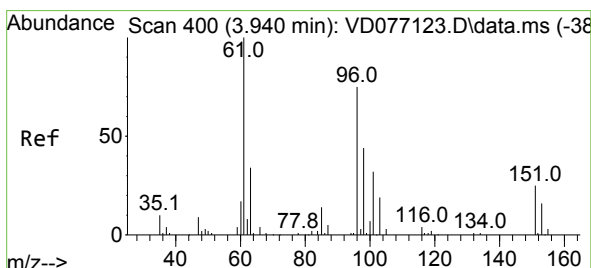
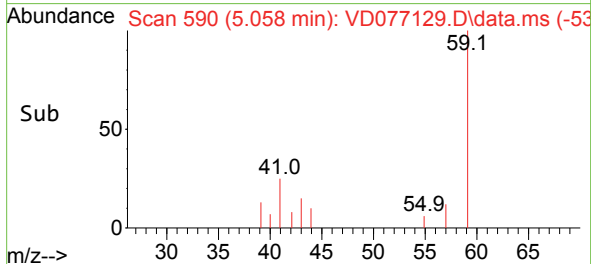
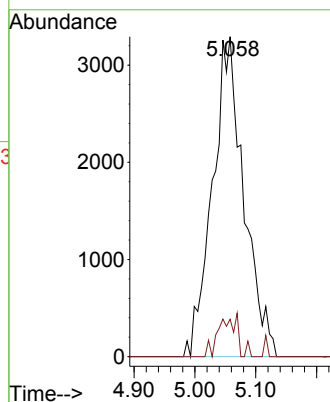
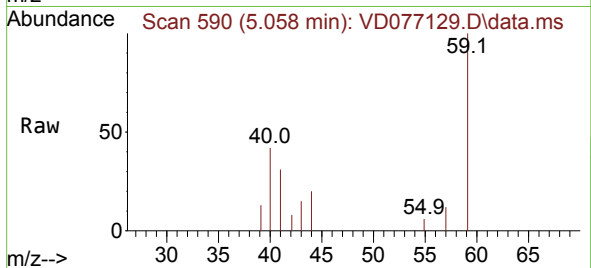
ClientSampleId :

Tgt Ion: 59 Resp: 11787

Ion Ratio Lower Upper

59 100

57 4.1 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 21.512 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

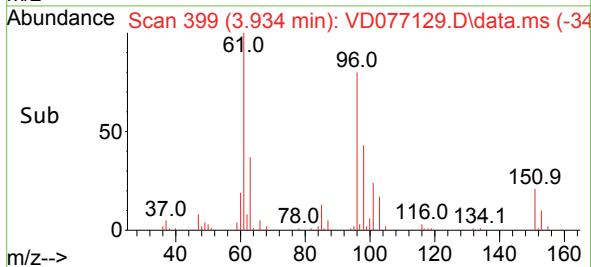
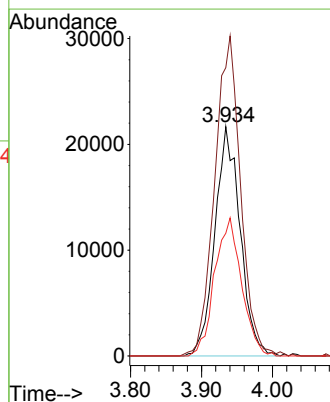
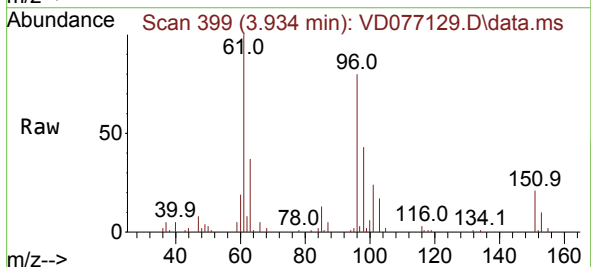
Tgt Ion: 96 Resp: 53440

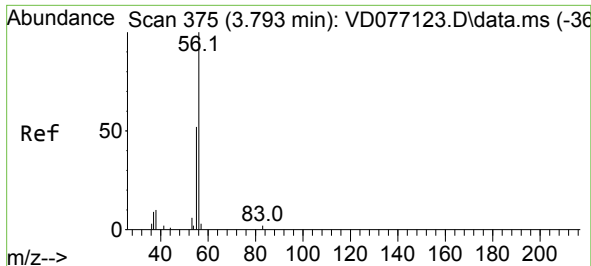
Ion Ratio Lower Upper

96 100

61 125.7 100.6 150.8

98 53.5 50.2 75.2





#13

Acrolein

Concen: 140.282 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

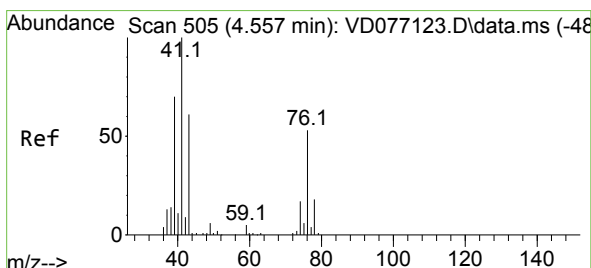
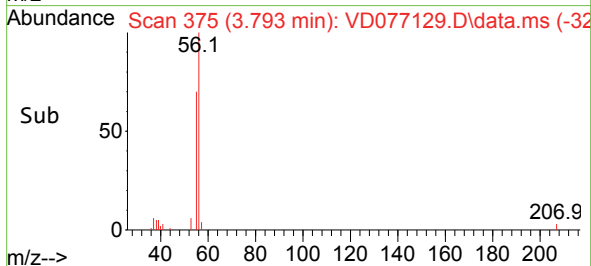
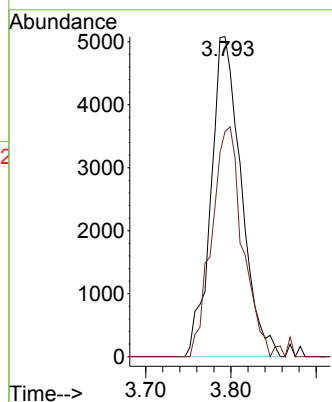
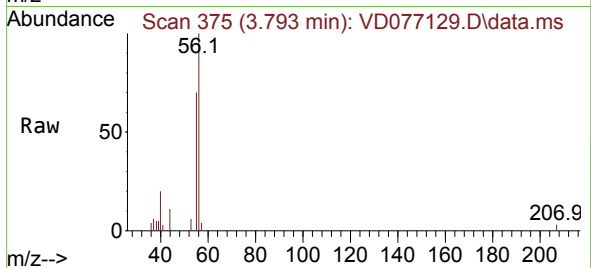
ClientSampleId :

Tgt Ion: 56 Resp: 12553

Ion Ratio Lower Upper

56 100

55 73.5 55.1 82.7



#14

Allyl chloride

Concen: 21.009 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

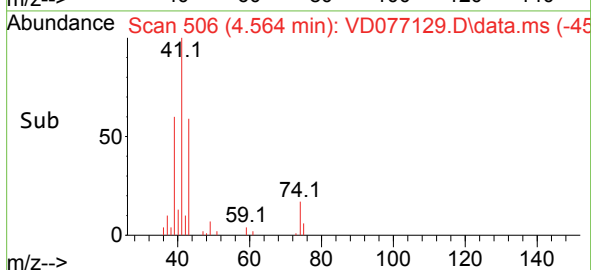
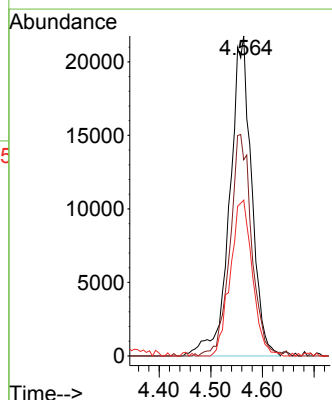
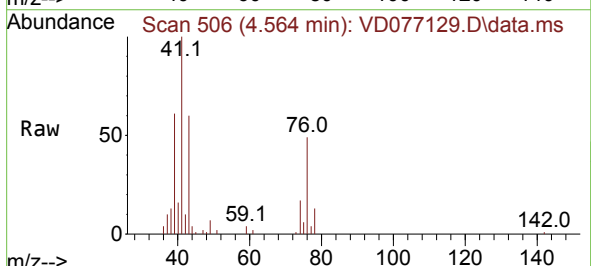
Tgt Ion: 41 Resp: 63673

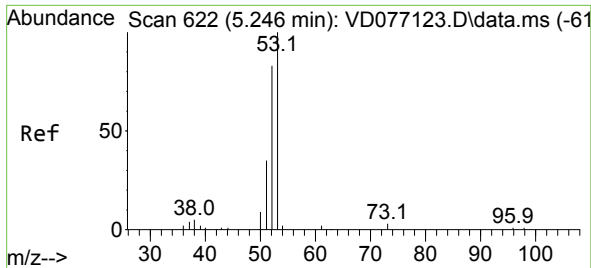
Ion Ratio Lower Upper

41 100

39 69.2 53.8 80.6

76 49.3 45.8 68.8

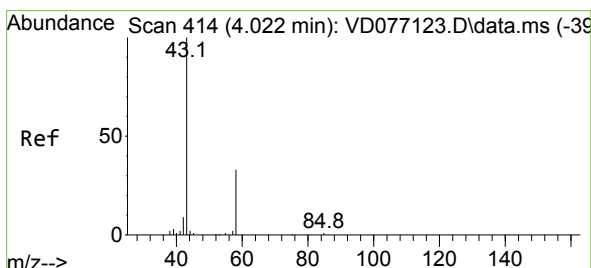
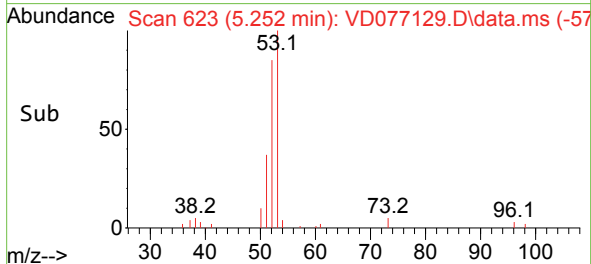
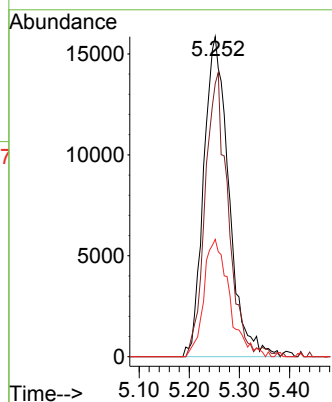
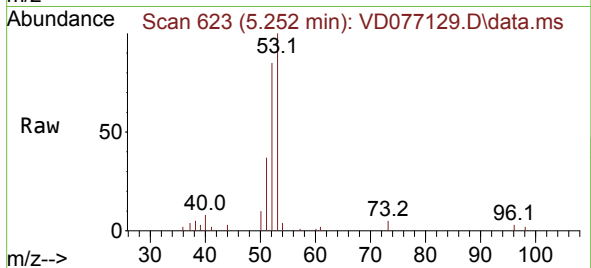




#15
Acrylonitrile
Concen: 103.598 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

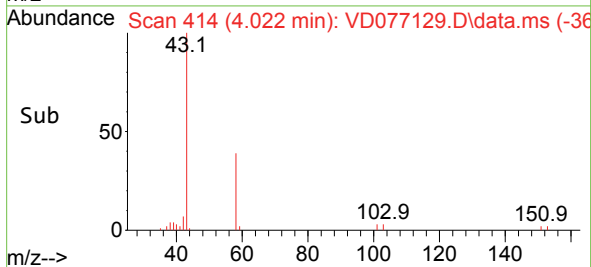
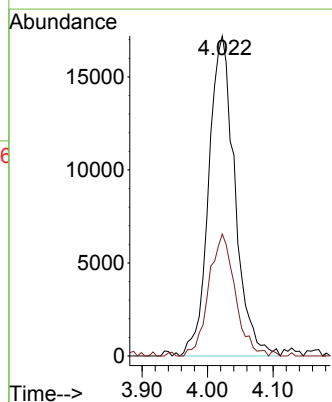
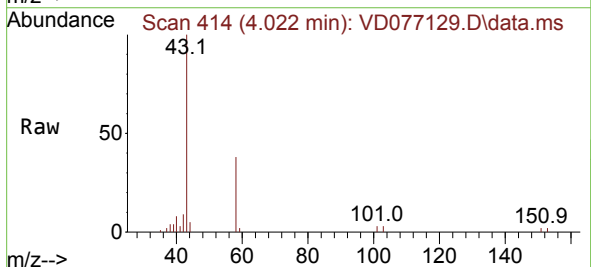
Instrument :
MSVOA_D
ClientSampleId :

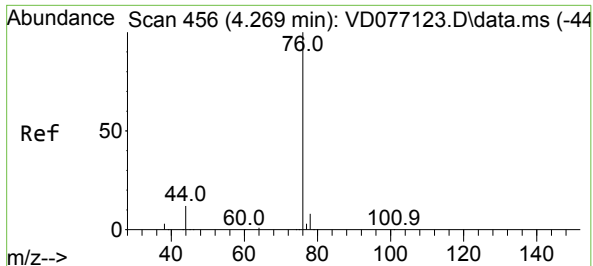
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.0	97.4
51	37.2	28.3	42.5



#16
Acetone
Concen: 96.481 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.1	34.7	52.1

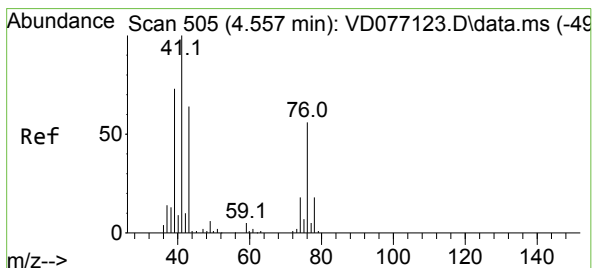
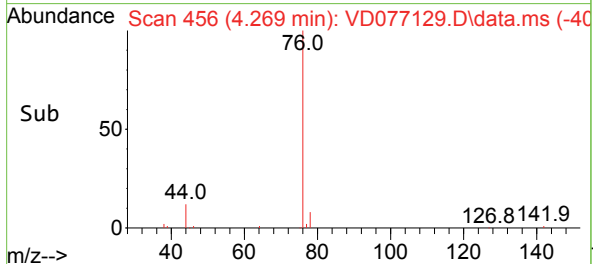
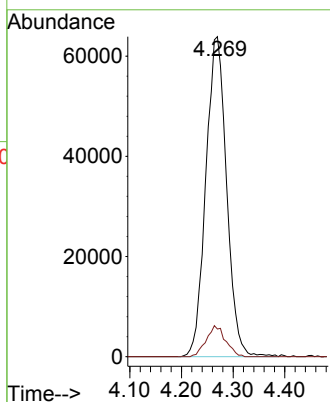
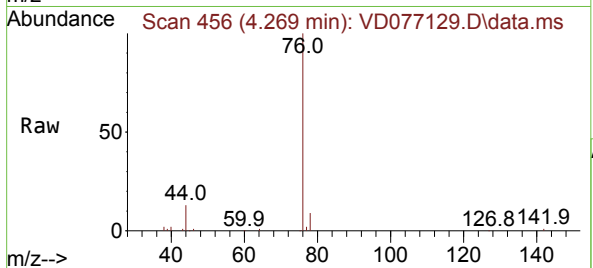




#17
Carbon Disulfide
Concen: 21.790 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

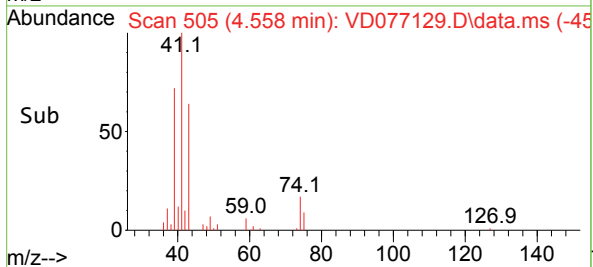
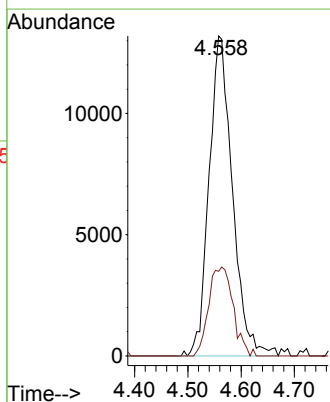
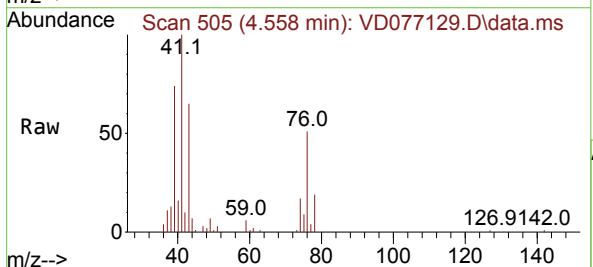
Instrument :
MSVOA_D
ClientSampleId :

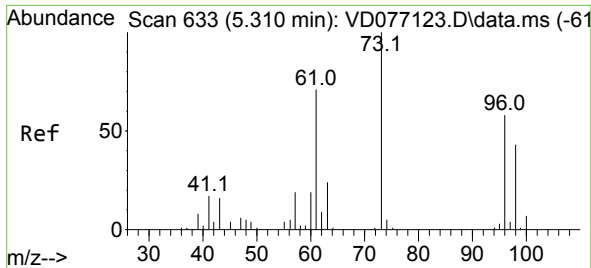
Tgt Ion: 76 Resp: 178191
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.589 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 43 Resp: 40210
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6

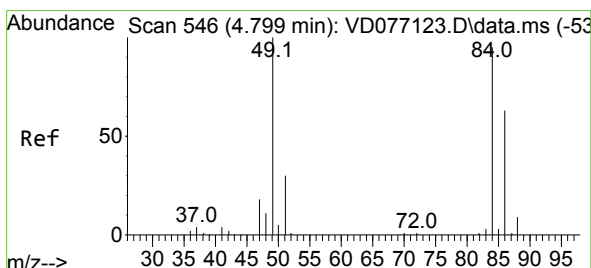
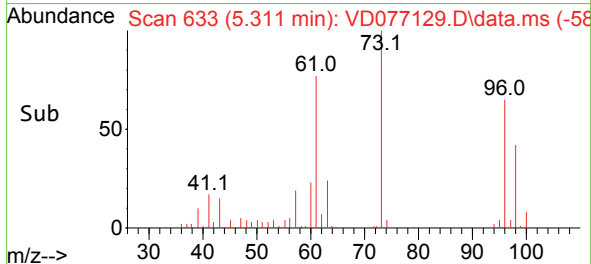
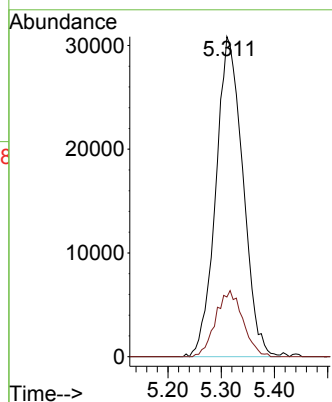
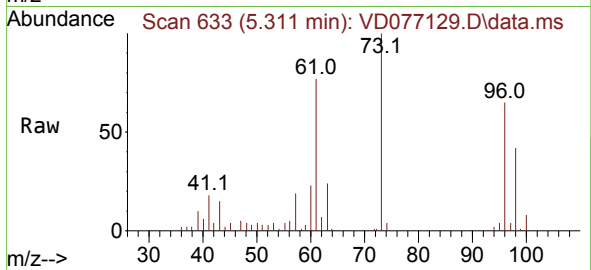




#19
Methyl tert-butyl Ether
Concen: 20.215 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

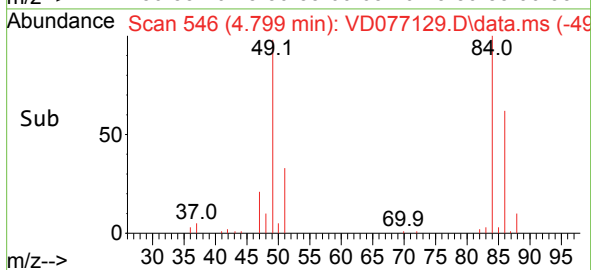
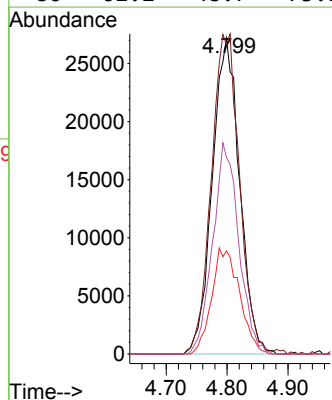
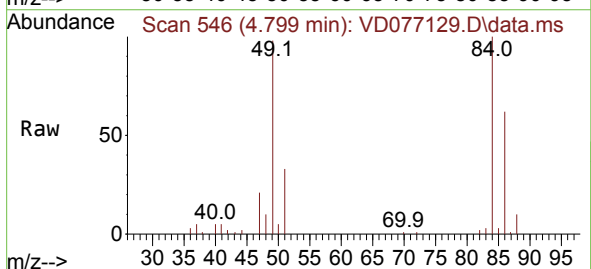
Instrument :
MSVOA_D
ClientSampleId :

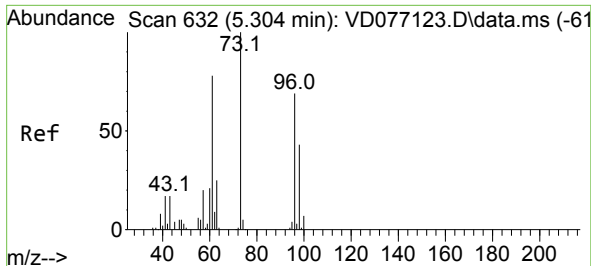
Tgt Ion: 73 Resp: 108661
Ion Ratio Lower Upper
73 100
57 18.7 16.6 25.0



#20
Methylene Chloride
Concen: 23.203 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 84 Resp: 84704
Ion Ratio Lower Upper
84 100
49 98.0 71.4 107.2
51 32.6 24.5 36.7
86 62.2 48.7 73.1

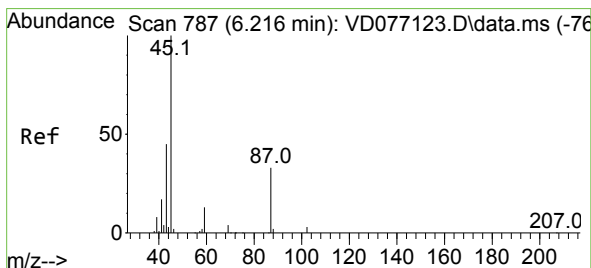
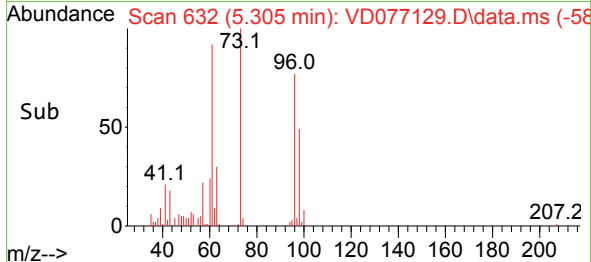
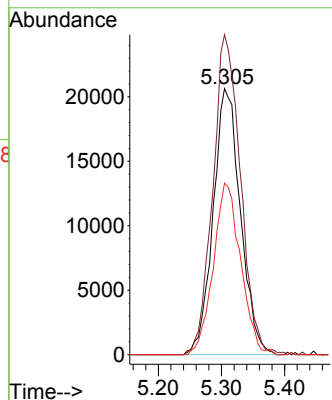
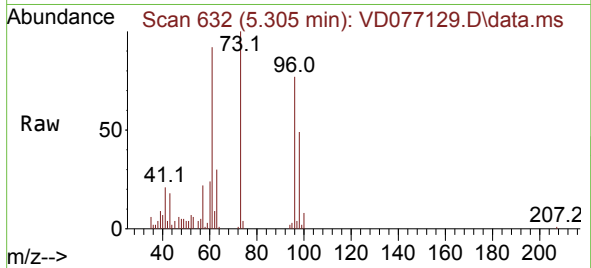




#21
trans-1,2-Dichloroethene
Concen: 20.628 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

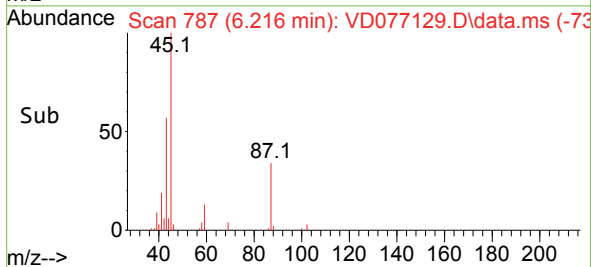
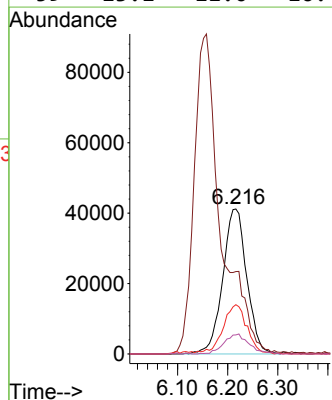
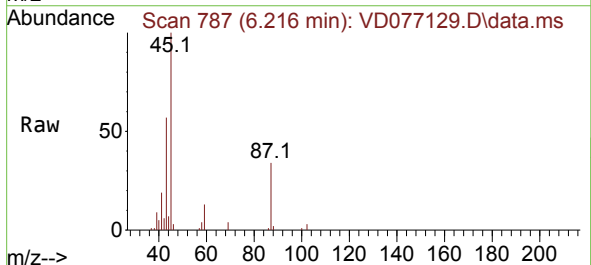
Instrument :
MSVOA_D
ClientSampleId :

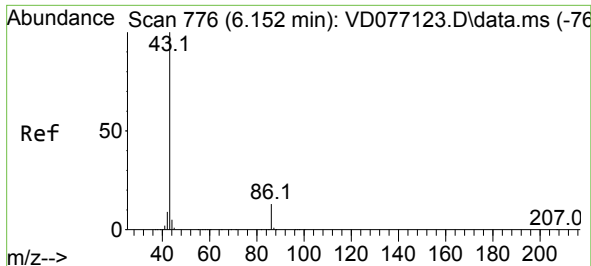
Tgt Ion: 96 Resp: 61943
Ion Ratio Lower Upper
96 100
61 120.3 89.3 133.9
98 64.5 48.6 73.0



#22
Diisopropyl ether
Concen: 20.006 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

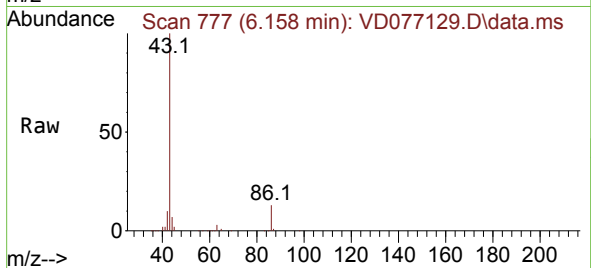
Tgt Ion: 45 Resp: 137091
Ion Ratio Lower Upper
45 100
43 55.8 40.0 60.0
87 33.5 28.2 42.4
59 13.1 11.0 16.4



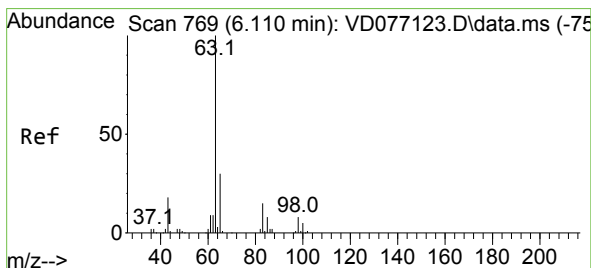
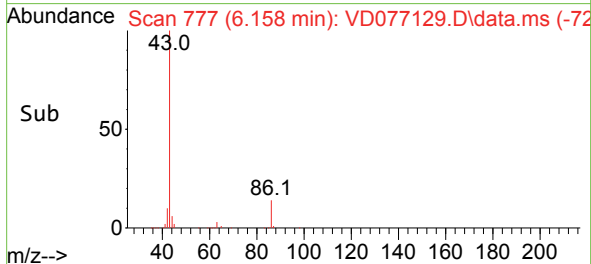
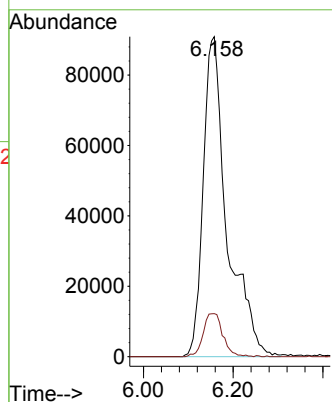


#23
 Vinyl Acetate
 Concen: 122.636 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD077129.D
 Acq: 18 Sep 2023 14:59

Instrument :
 MSVOA_D
 ClientSampleId :

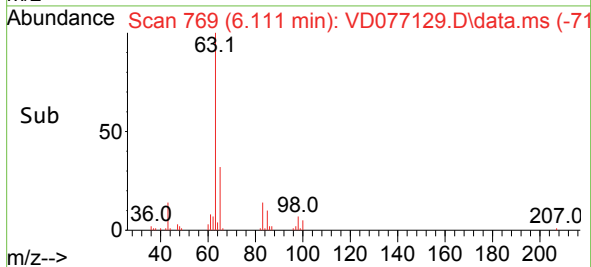
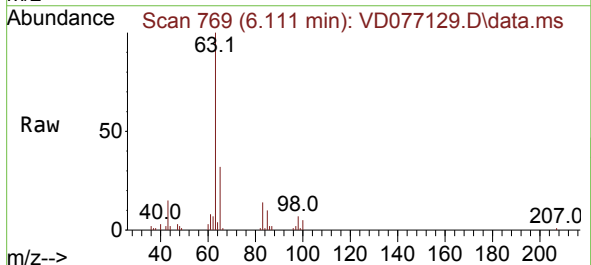
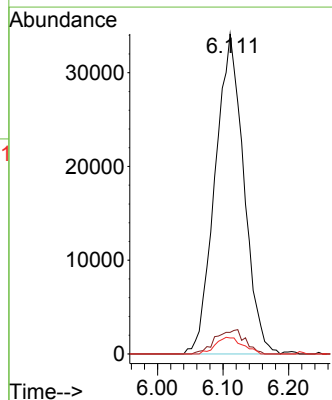


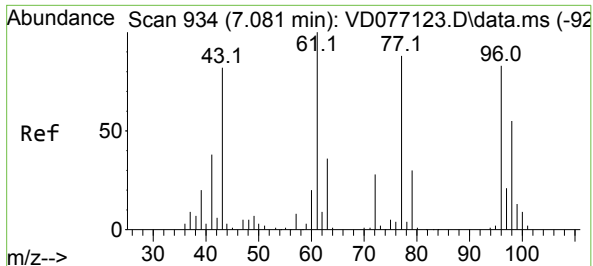
Tgt Ion: 43 Resp: 335964
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.068 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077129.D
 Acq: 18 Sep 2023 14:59

Tgt Ion: 63 Resp: 103618
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 99.505 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

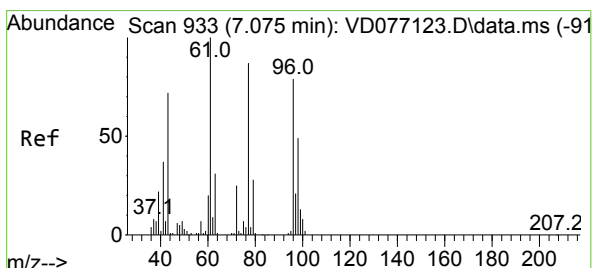
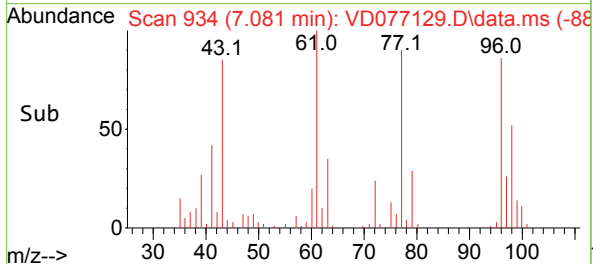
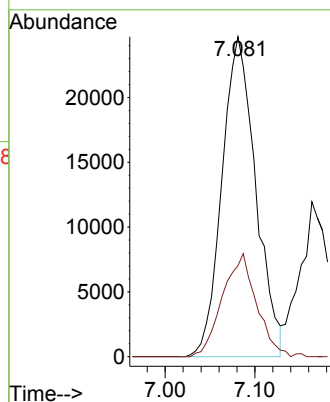
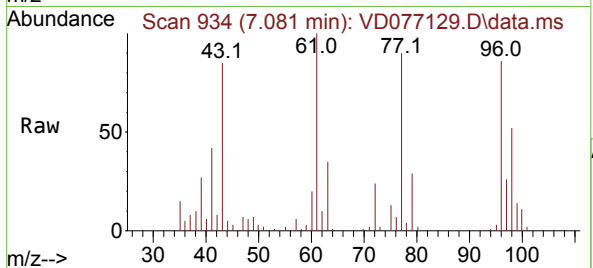
ClientSampleId :

Tgt Ion: 43 Resp: 64481

Ion Ratio Lower Upper

43 100

72 28.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.727 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077129.D

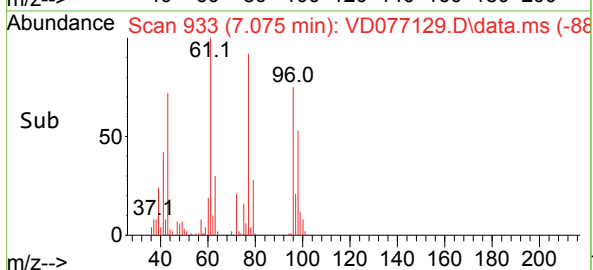
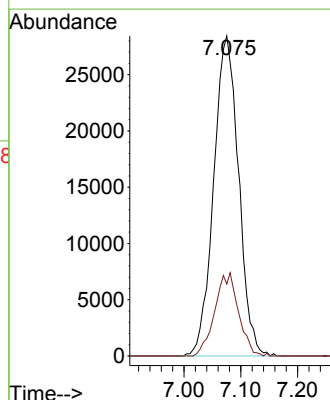
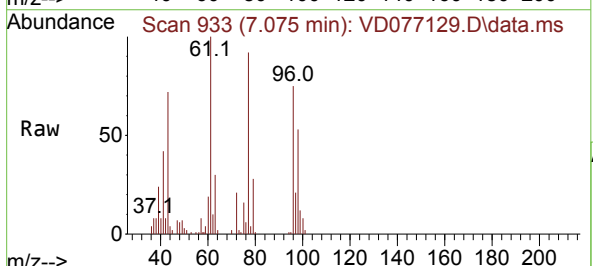
Acq: 18 Sep 2023 14:59

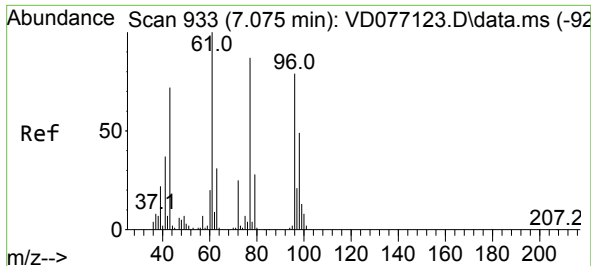
Tgt Ion: 77 Resp: 86529

Ion Ratio Lower Upper

77 100

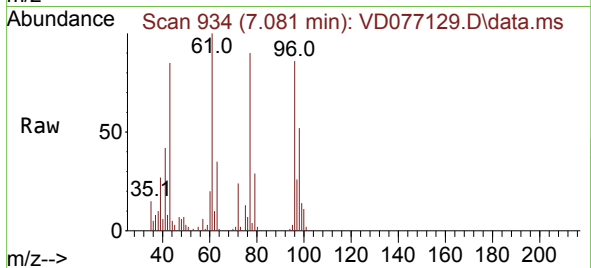
97 24.8 13.2 39.6



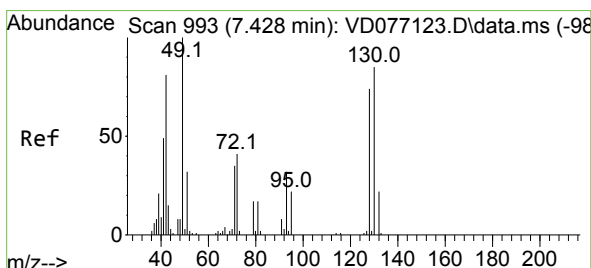
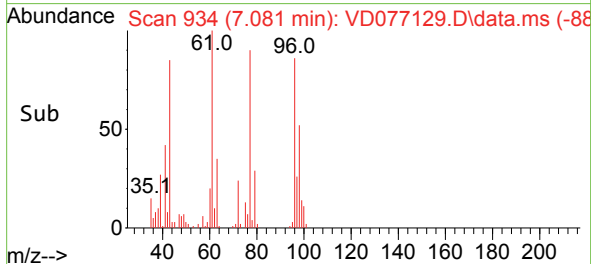
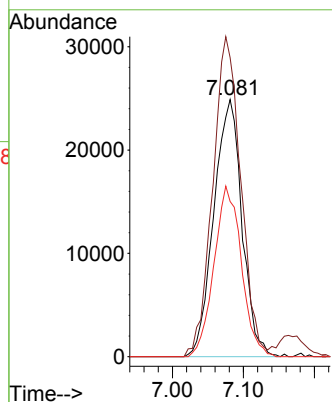


#27
 cis-1,2-Dichloroethene
 Concen: 20.310 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077129.D
 Acq: 18 Sep 2023 14:59

Instrument :
 MSVOA_D
 ClientSampleId :

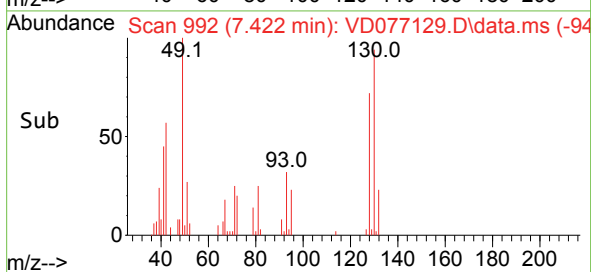
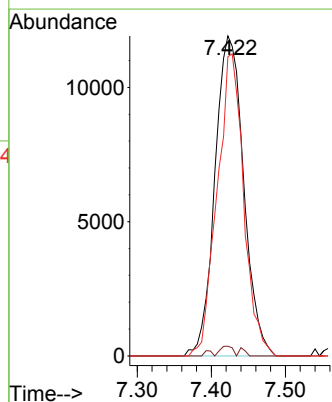
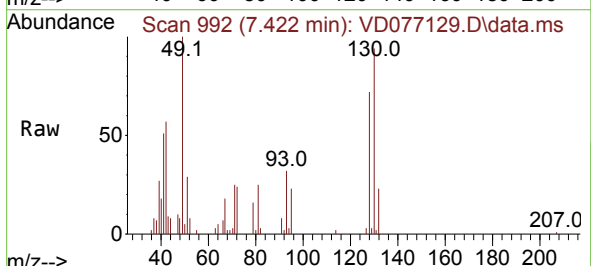


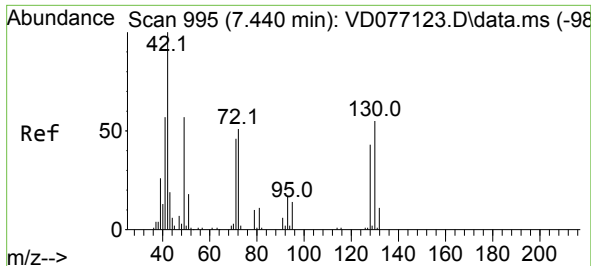
Tgt Ion: 96 Resp: 68562
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 239.2
 98 64.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.246 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077129.D
 Acq: 18 Sep 2023 14:59

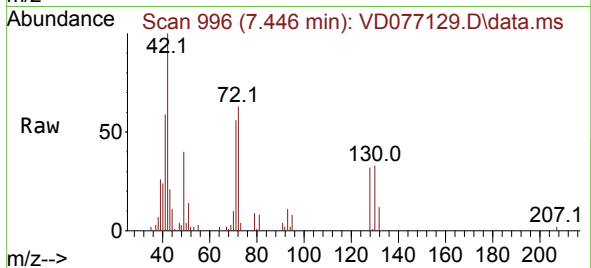
Tgt Ion: 49 Resp: 32087
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 6.0
 130 87.0 83.2 124.8



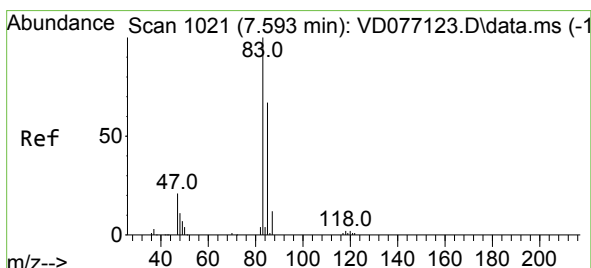
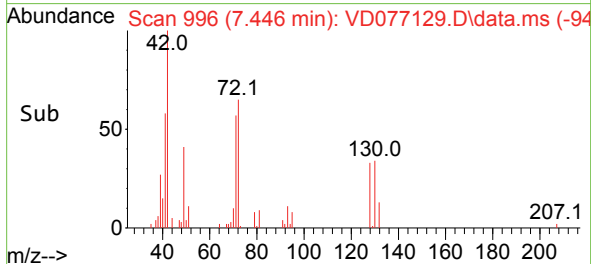
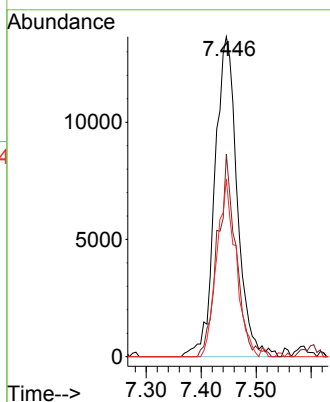


#29
Tetrahydrofuran
Concen: 101.501 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Instrument :
MSVOA_D
ClientSampleId :

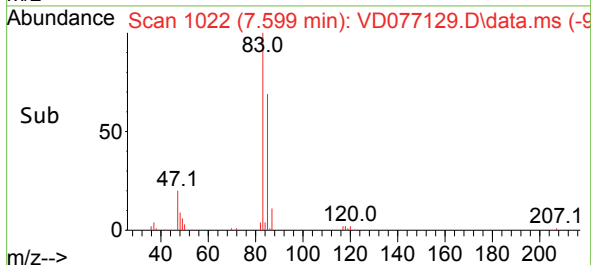
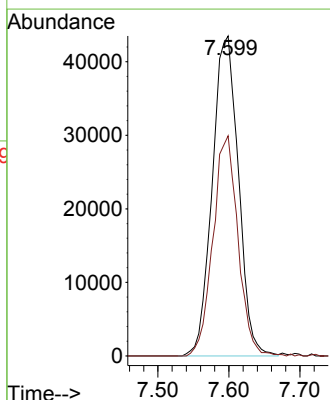
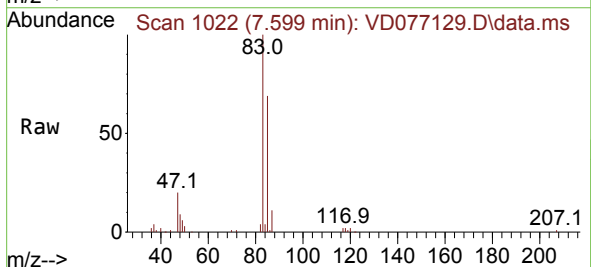


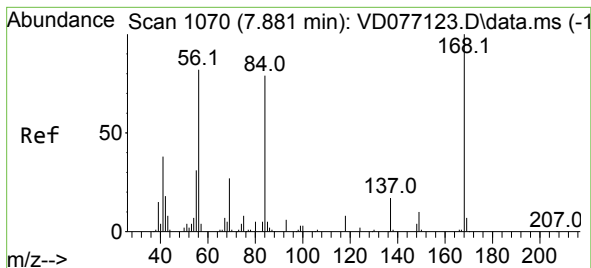
Tgt Ion: 42 Resp: 38451
Ion Ratio Lower Upper
42 100
72 52.6 46.5 69.7
71 47.7 44.5 66.7



#30
Chloroform
Concen: 20.975 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 83 Resp: 111177
Ion Ratio Lower Upper
83 100
85 68.8 53.4 80.2





#31

Cyclohexane

Concen: 22.816 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

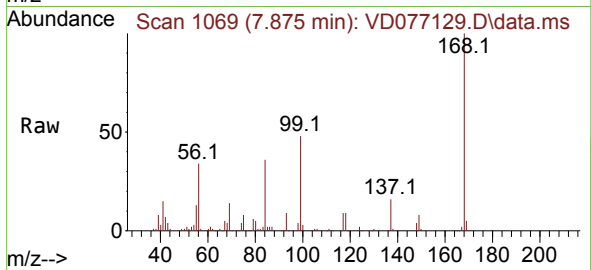
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



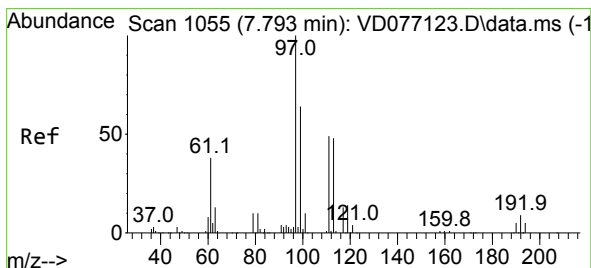
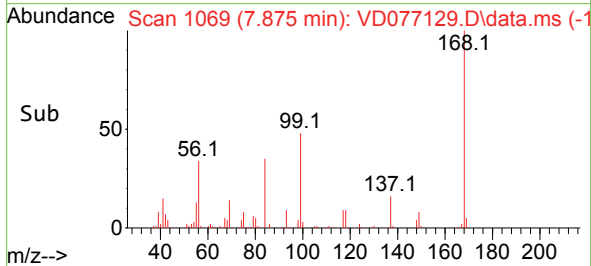
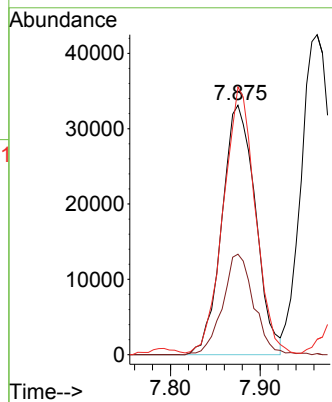
Tgt Ion: 56 Resp: 86024

Ion Ratio Lower Upper

56 100

69 40.3 28.6 43.0

84 106.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.906 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

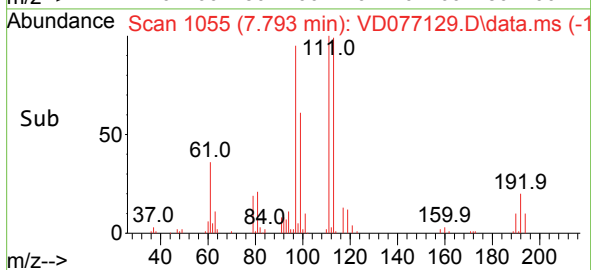
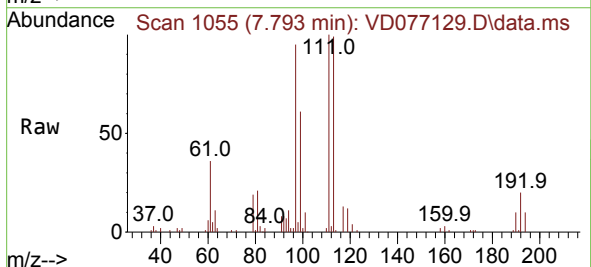
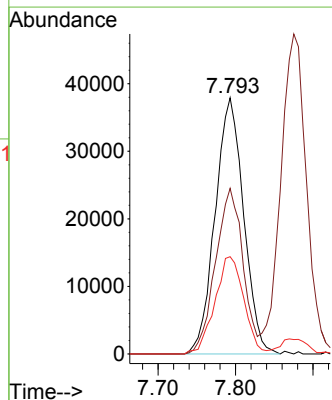
Tgt Ion: 97 Resp: 96921

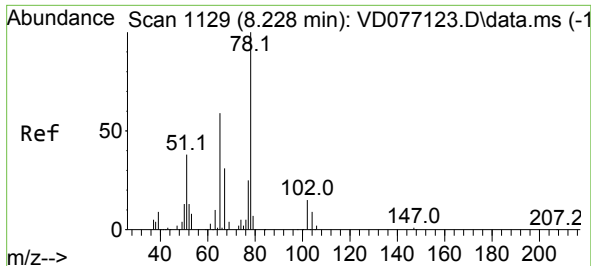
Ion Ratio Lower Upper

97 100

99 62.1 52.0 78.0

61 38.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.217 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

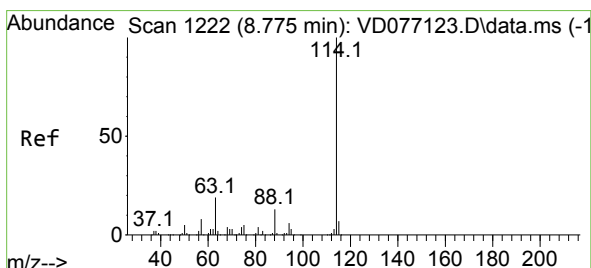
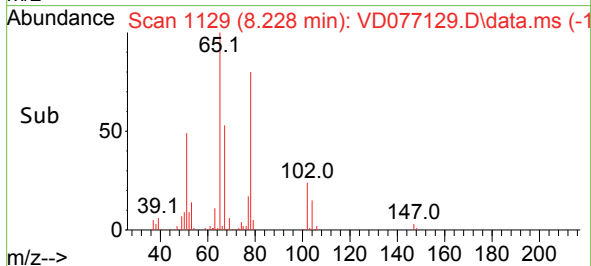
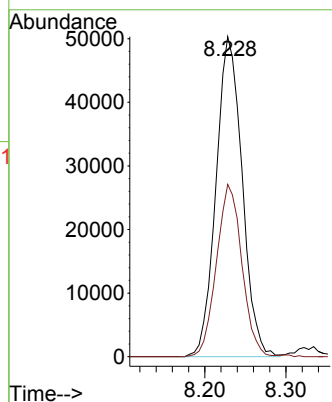
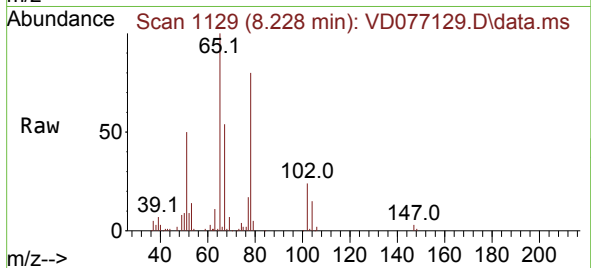
ClientSampleId :

Tgt Ion: 65 Resp: 112534

Ion Ratio Lower Upper

65 100

67 52.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

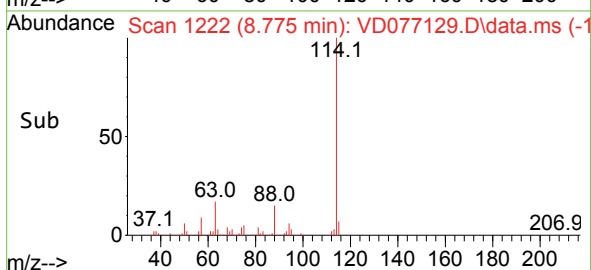
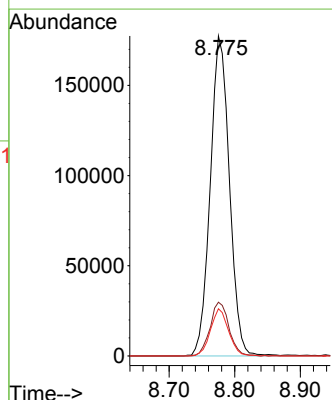
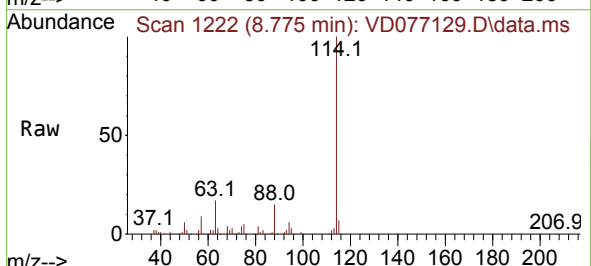
Tgt Ion: 114 Resp: 359778

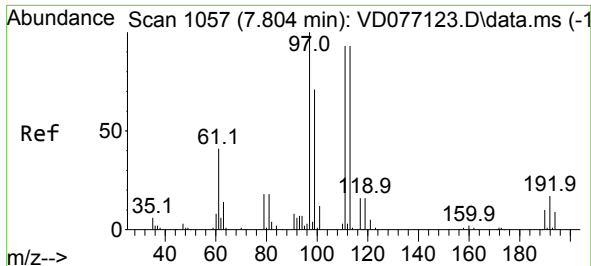
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.822 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.000 min

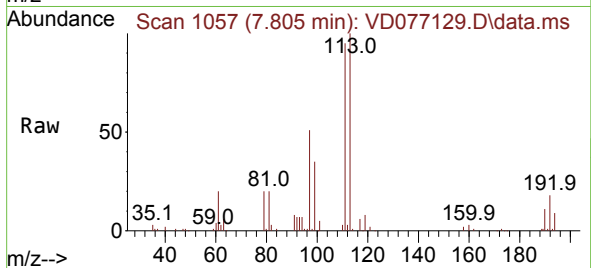
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



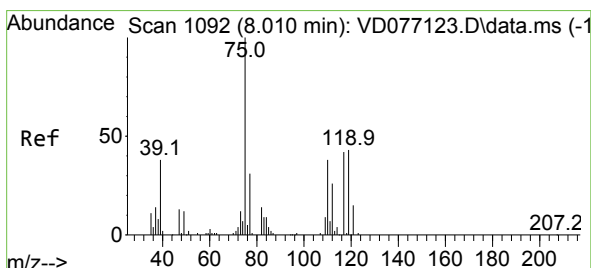
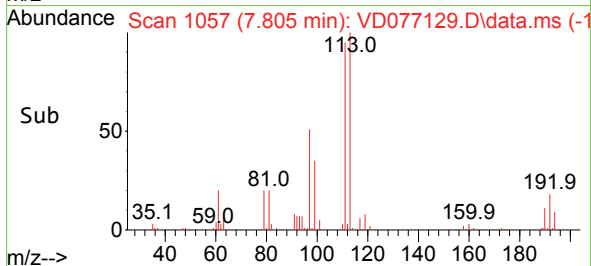
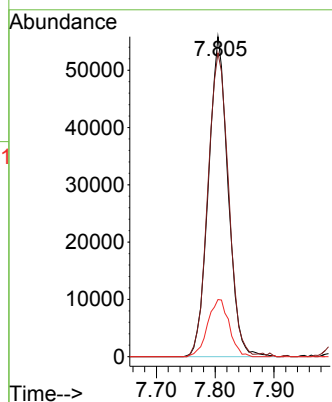
Tgt Ion:113 Resp: 129502

Ion Ratio Lower Upper

113 100

111 99.8 84.7 127.1

192 19.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.846 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

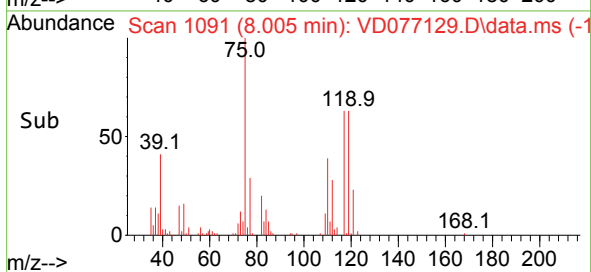
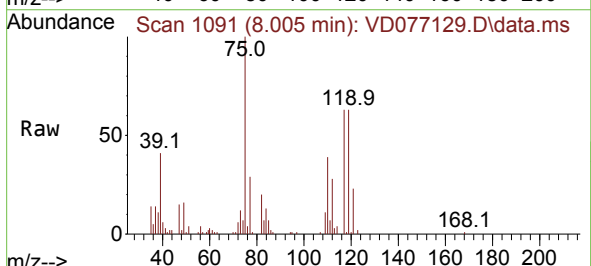
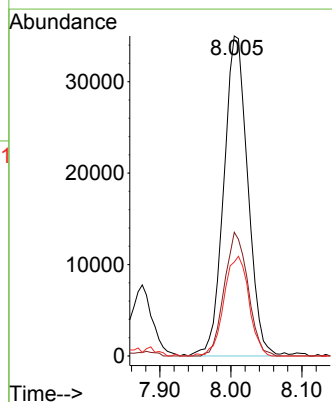
Tgt Ion: 75 Resp: 82219

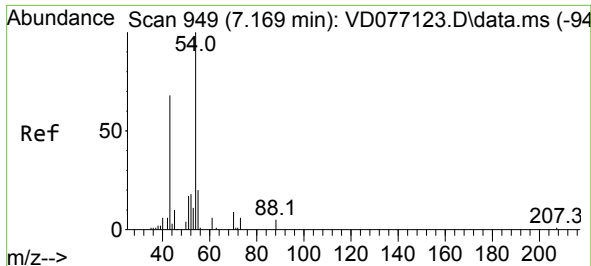
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 18.758 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

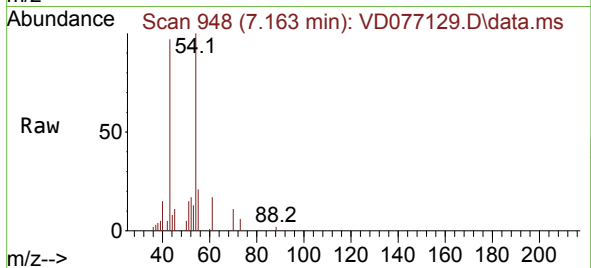
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



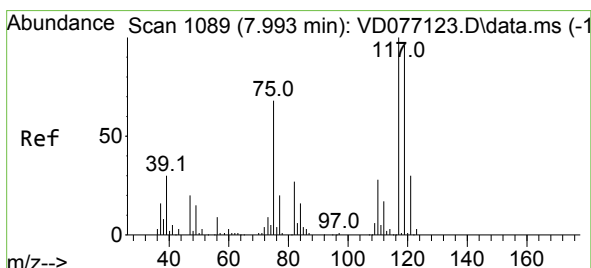
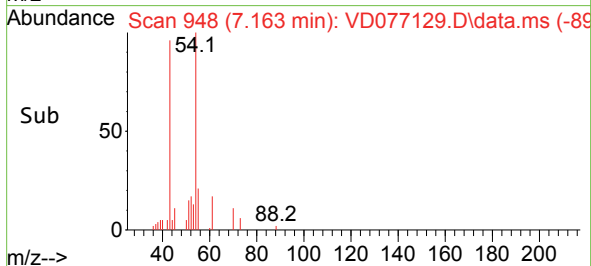
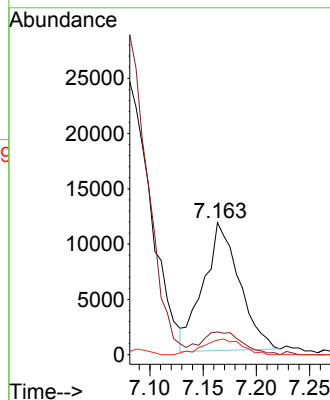
Tgt Ion: 43 Resp: 27085

Ion Ratio Lower Upper

43 100

61 20.5 14.9 22.3

70 13.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.276 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

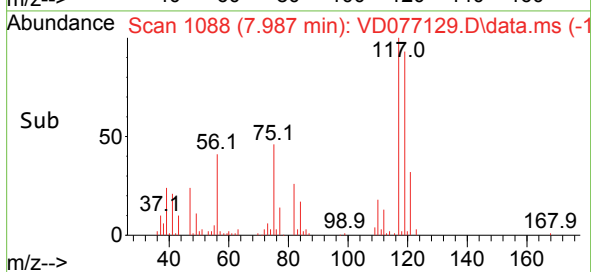
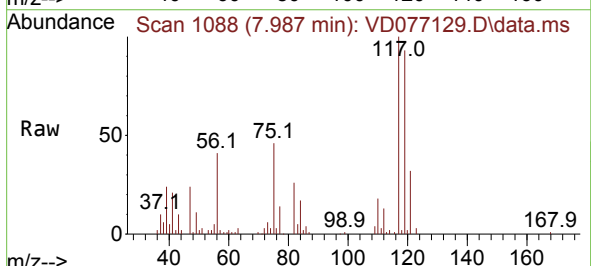
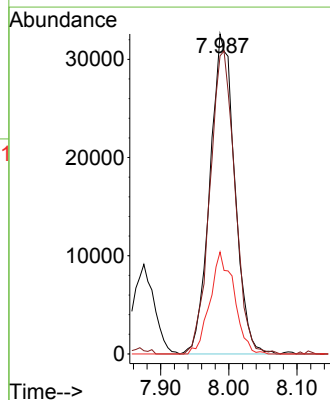
Tgt Ion: 117 Resp: 82400

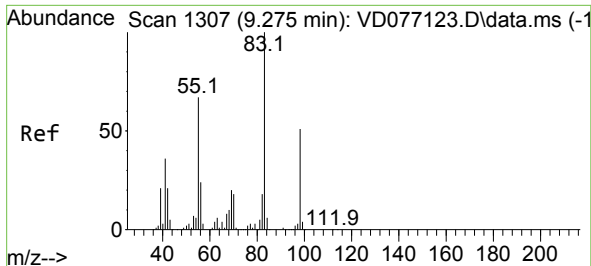
Ion Ratio Lower Upper

117 100

119 93.2 78.0 117.0

121 31.8 24.2 36.2

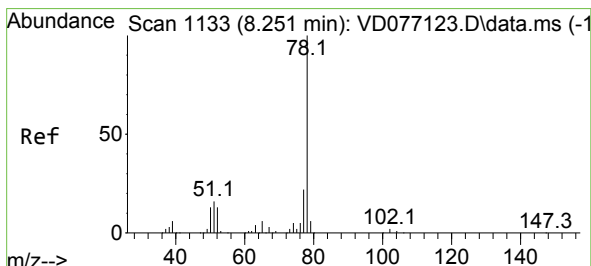
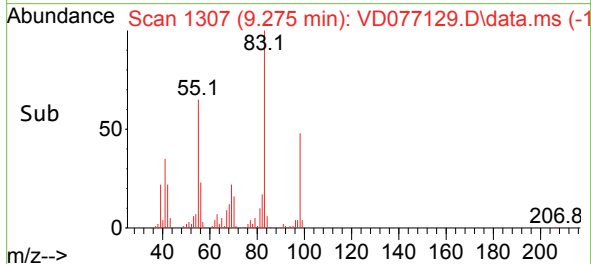
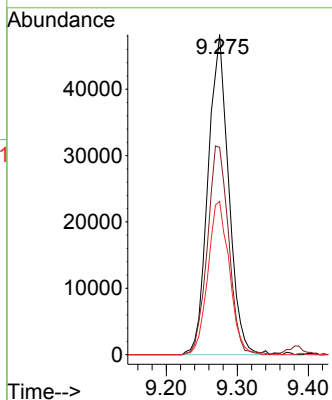
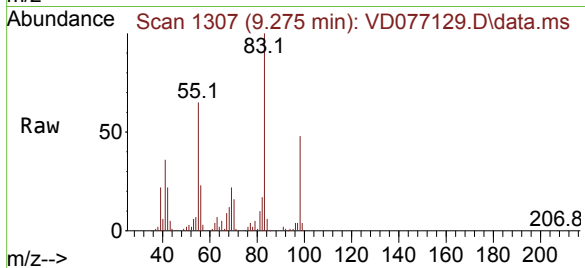




#39
Methylcyclohexane
Concen: 22.431 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

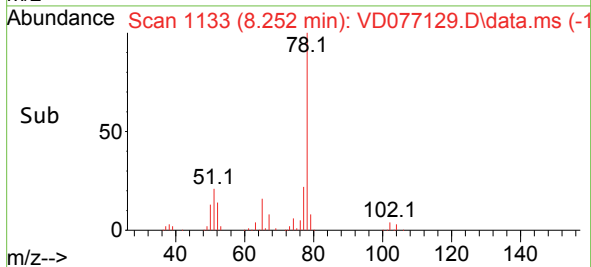
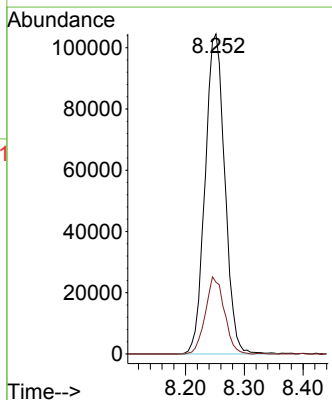
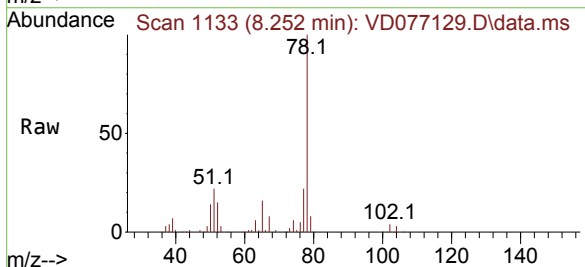
Instrument :
MSVOA_D
ClientSampleId :

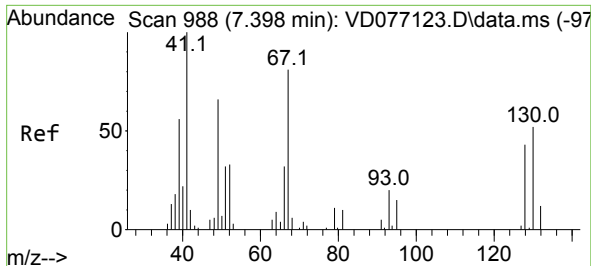
Tgt Ion: 83 Resp: 97130
Ion Ratio Lower Upper
83 100
55 64.8 49.4 74.0
98 47.9 38.4 57.6



#40
Benzene
Concen: 20.883 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 78 Resp: 243165
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0

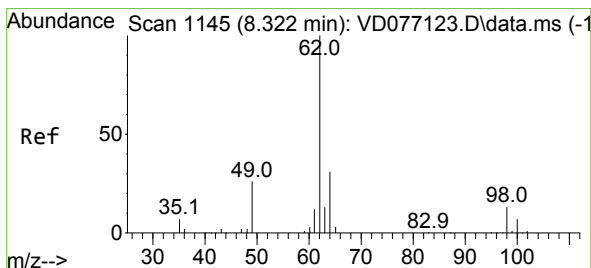
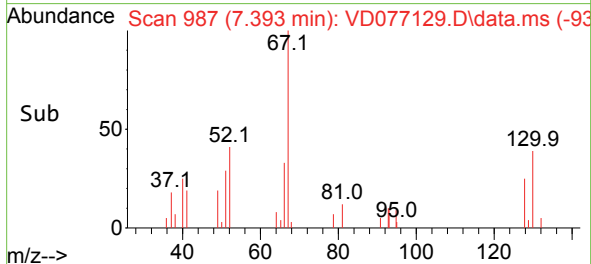
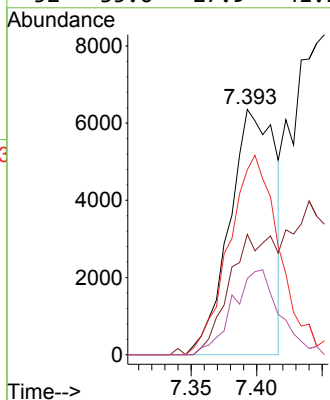
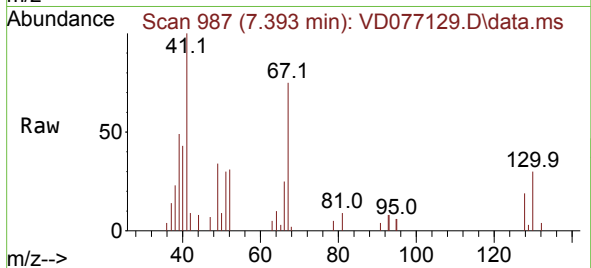




#41
Methacrylonitrile
Concen: 20.083 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

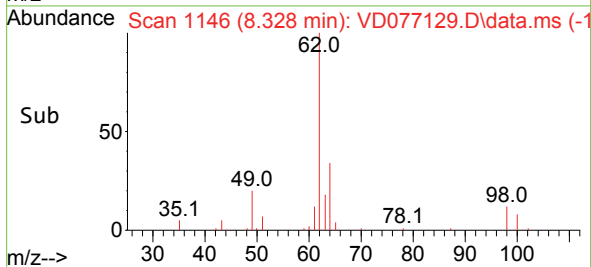
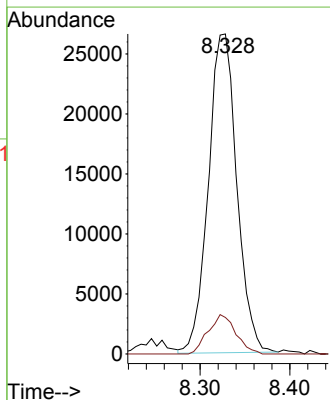
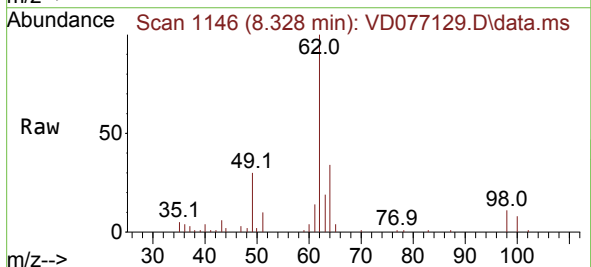
Instrument :
MSVOA_D
ClientSampleId :

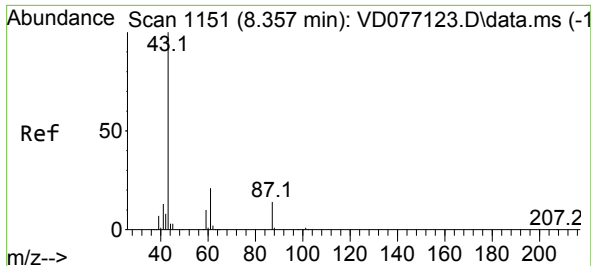
Tgt Ion: 41	Resp: 15478
Ion Ratio	Lower Upper
41 100	
39 50.0	34.0 51.0
67 89.7	77.0 115.4
52 35.6	27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.315 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

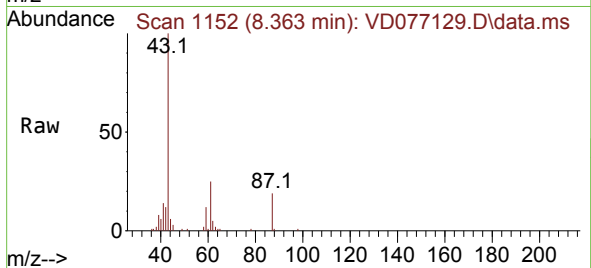
Tgt Ion: 62	Resp: 58646
Ion Ratio	Lower Upper
62 100	
98 12.0	0.0 25.4



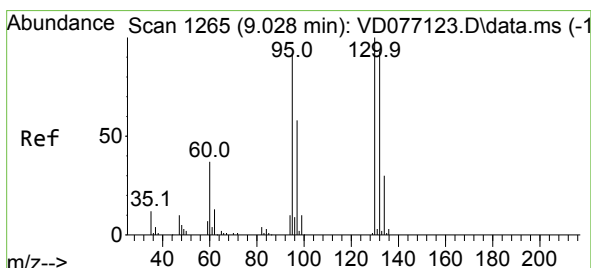
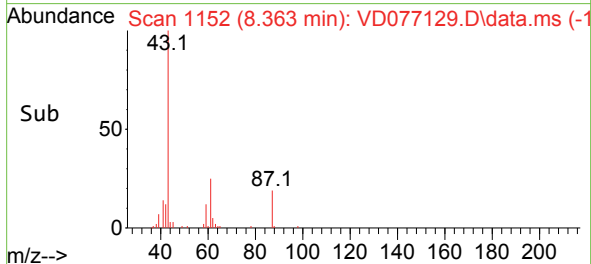
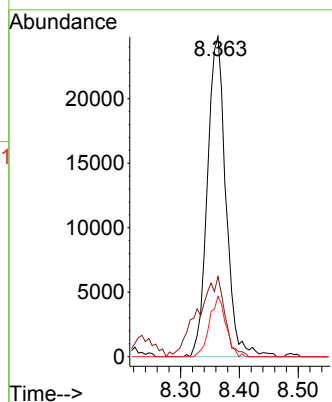


#43
Isopropyl Acetate
Concen: 20.312 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Instrument :
MSVOA_D
ClientSampleId :

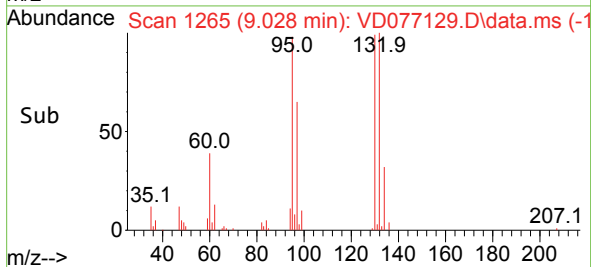
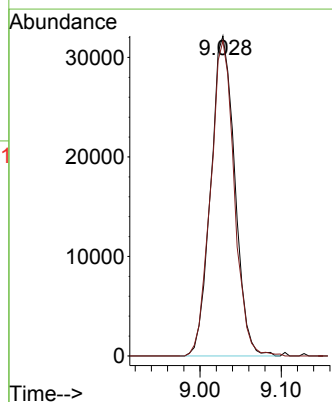
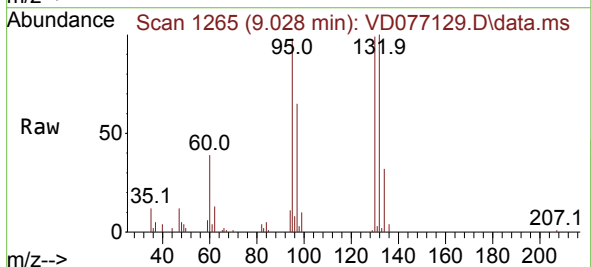


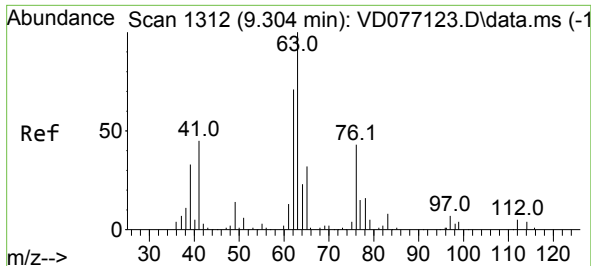
Tgt Ion	Ratio	Lower	Upper
43	100		
61	36.4	31.4	47.0
87	16.7	14.9	22.3



#44
Trichloroethene
Concen: 20.486 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.867 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

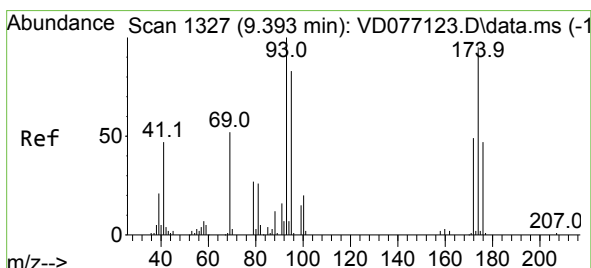
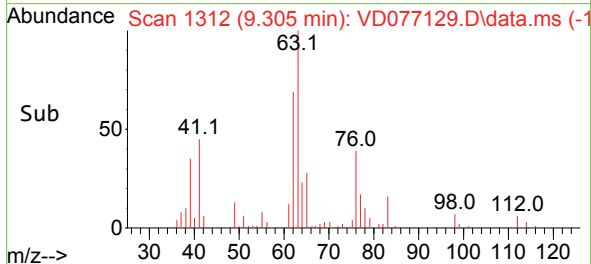
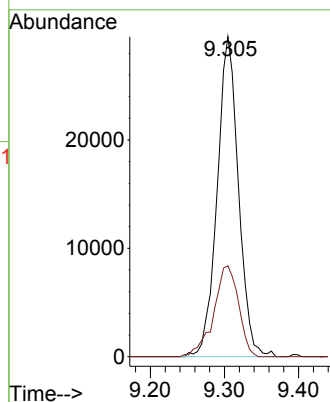
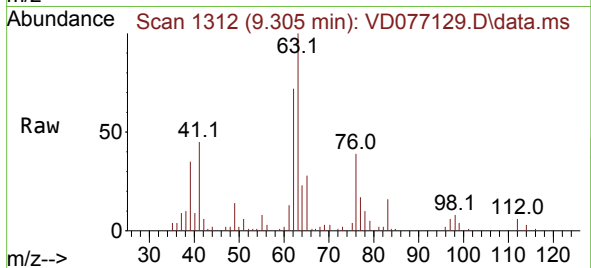
ClientSampleId :

Tgt Ion: 63 Resp: 59015

Ion Ratio Lower Upper

63 100

65 28.4 24.5 36.7



#46

Dibromomethane

Concen: 21.854 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

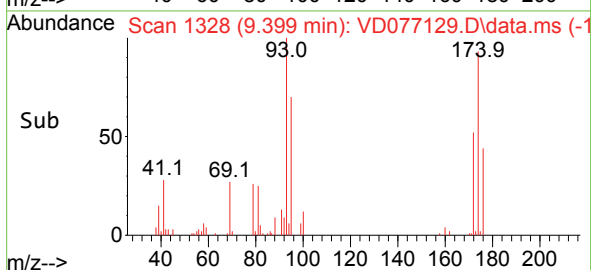
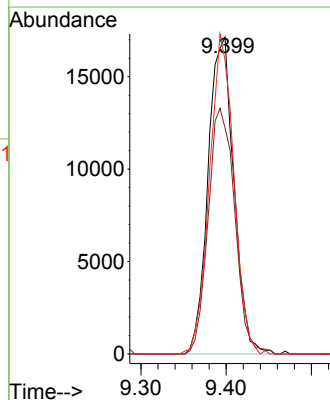
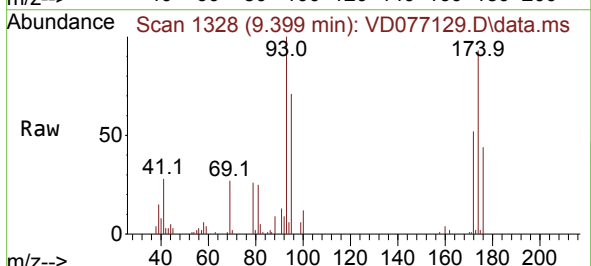
Tgt Ion: 93 Resp: 35915

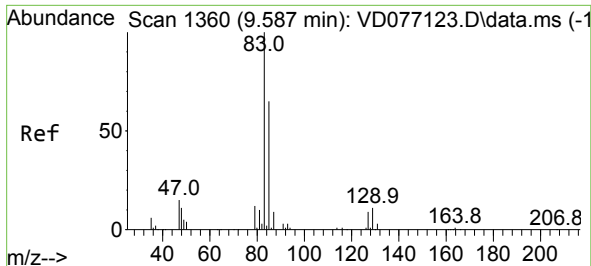
Ion Ratio Lower Upper

93 100

95 80.1 67.7 101.5

174 95.7 85.4 128.2





#47

Bromodichloromethane

Concen: 20.643 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

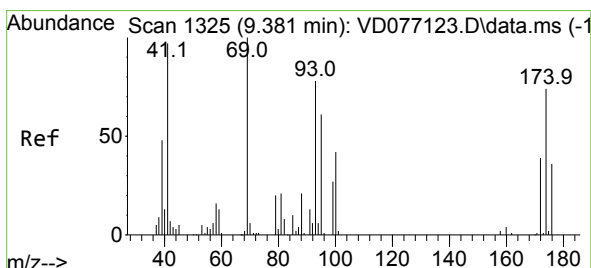
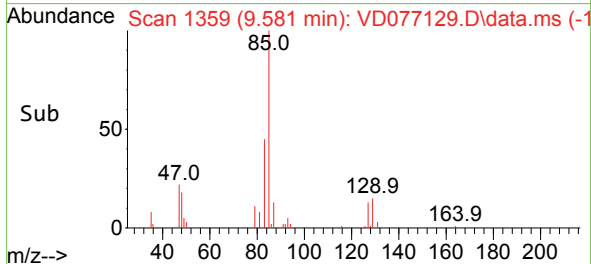
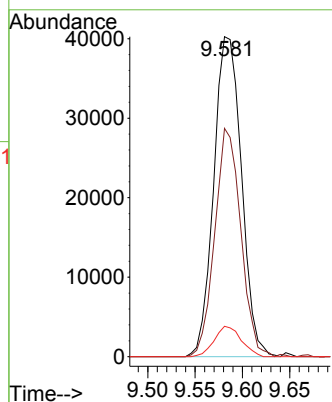
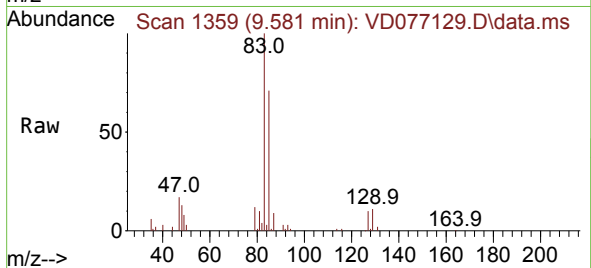
Tgt Ion: 83 Resp: 81981

Ion Ratio Lower Upper

83 100

85 71.4 50.2 75.4

127 9.5 6.3 9.5#



#48

Methyl methacrylate

Concen: 19.607 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

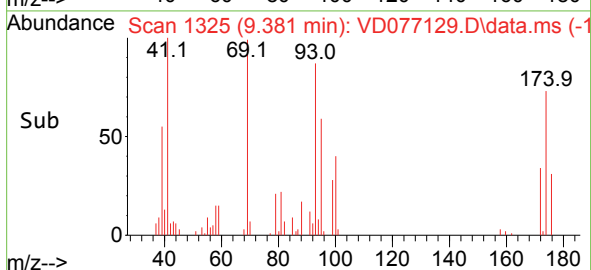
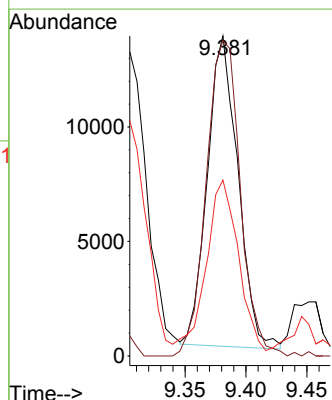
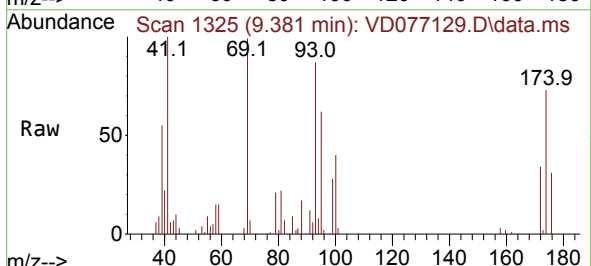
Tgt Ion: 41 Resp: 23686

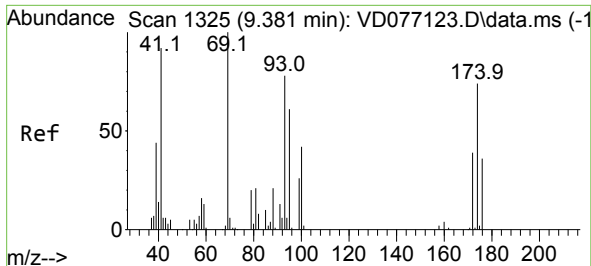
Ion Ratio Lower Upper

41 100

69 112.8 102.2 153.2

39 56.9 41.4 62.2





#49

1,4-Dioxane

Concen: 411.406 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

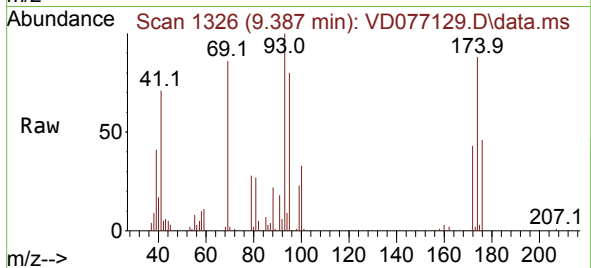
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



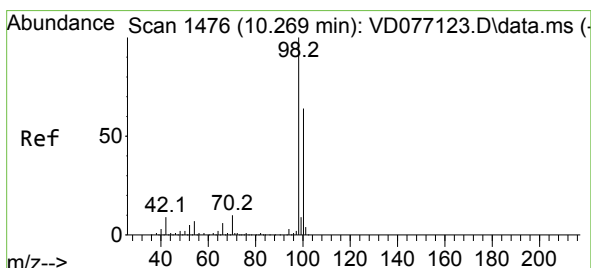
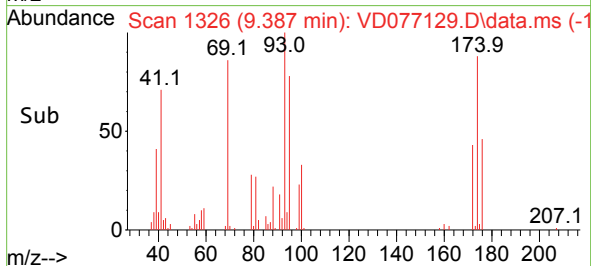
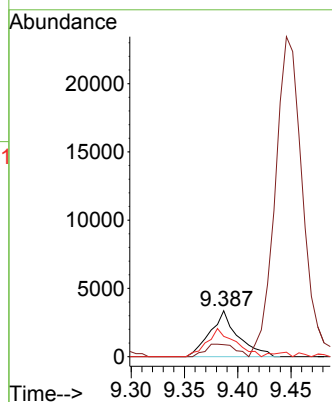
Tgt Ion: 88 Resp: 6103

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6#

58 60.2 43.5 65.3



#50

Toluene-d8

Concen: 53.864 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077129.D

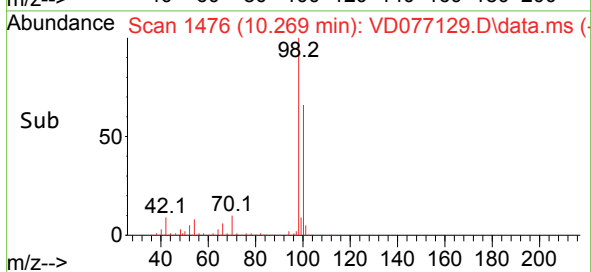
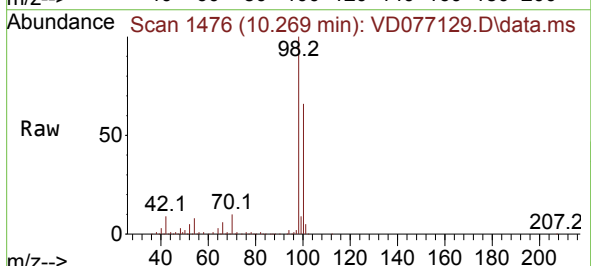
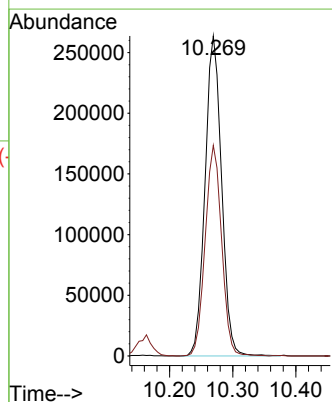
Acq: 18 Sep 2023 14:59

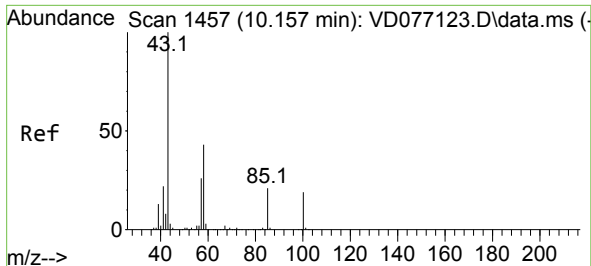
Tgt Ion: 98 Resp: 479117

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

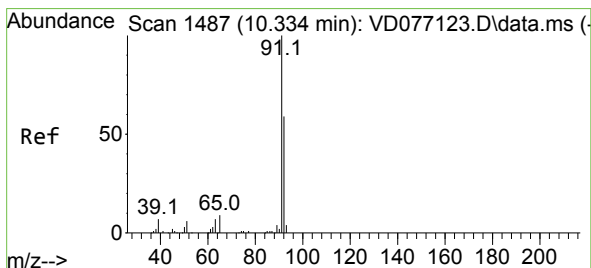
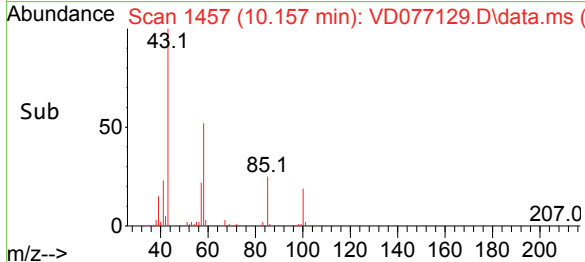
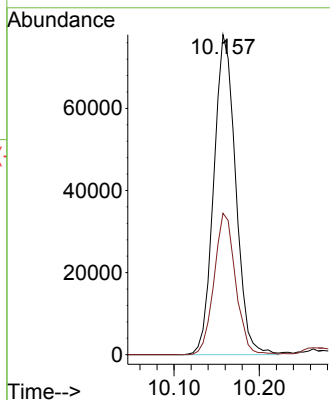
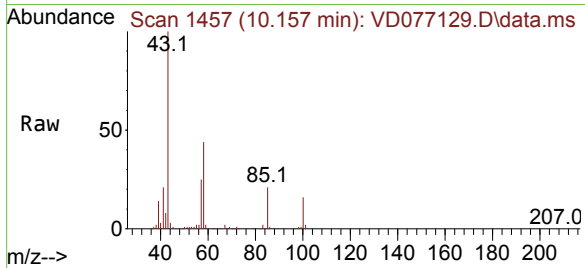




#51
4-Methyl-2-Pentanone
Concen: 99.914 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

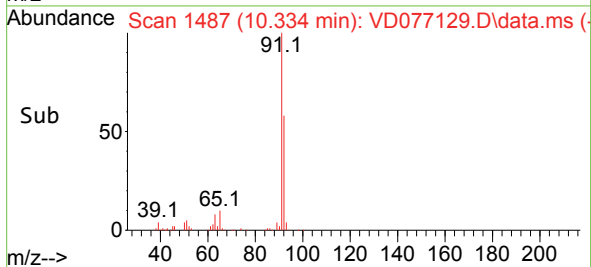
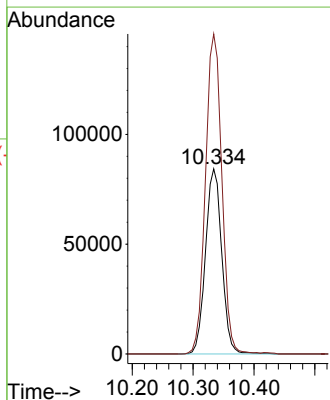
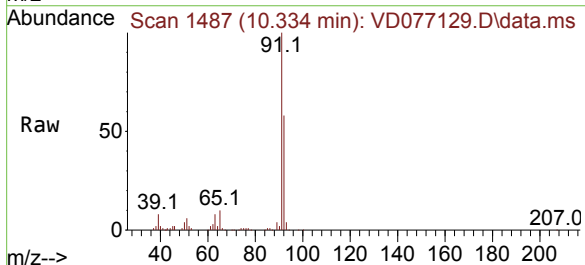
Instrument :
MSVOA_D
ClientSampleId :

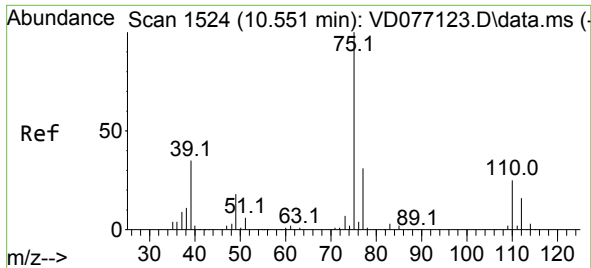
Tgt Ion: 43 Resp: 138919
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 21.007 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 92 Resp: 156482
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

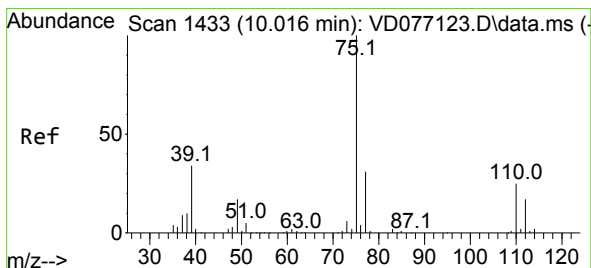
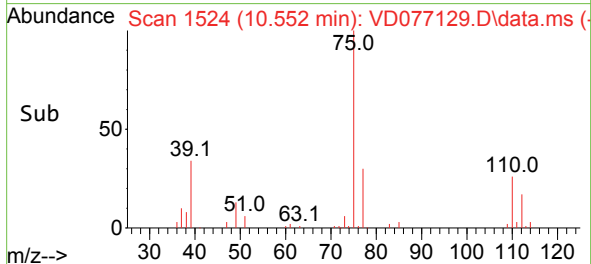
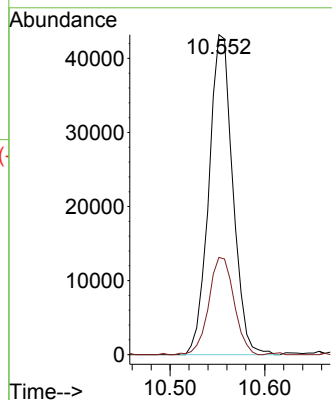
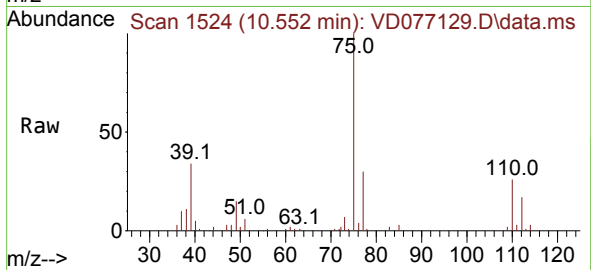




#53
t-1,3-Dichloropropene
Concen: 20.390 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

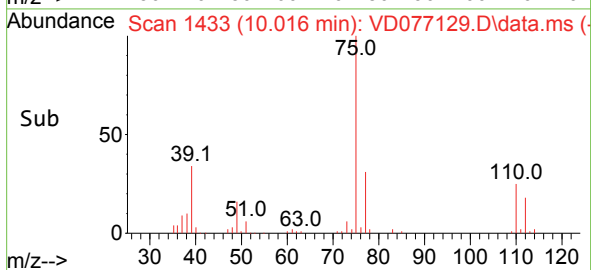
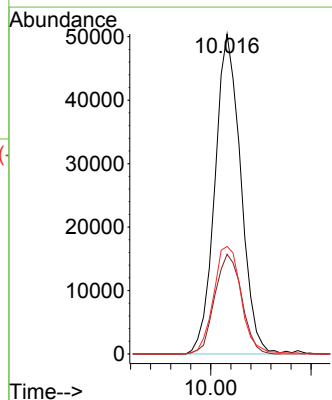
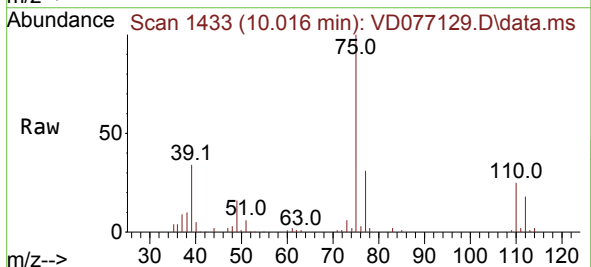
Instrument :
MSVOA_D
ClientSampleId :

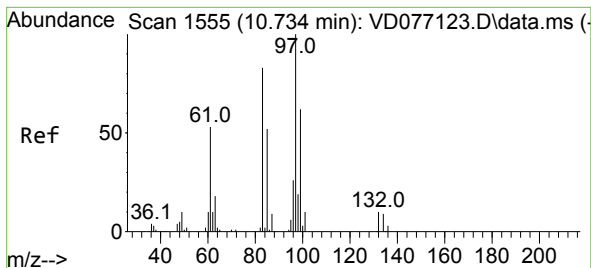
Tgt Ion: 75 Resp: 75655
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.212 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 75 Resp: 89848
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 33.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.611 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

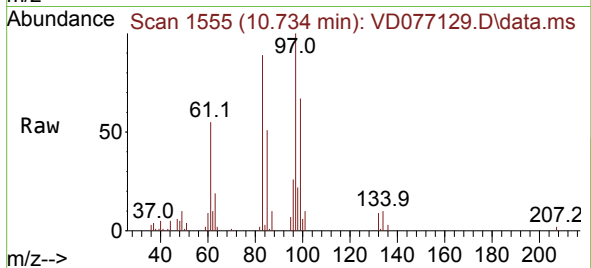
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 46072

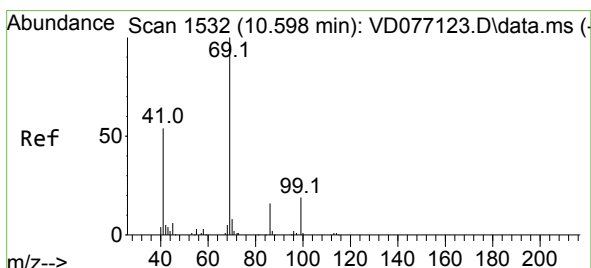
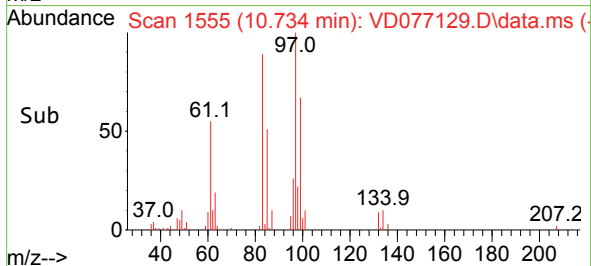
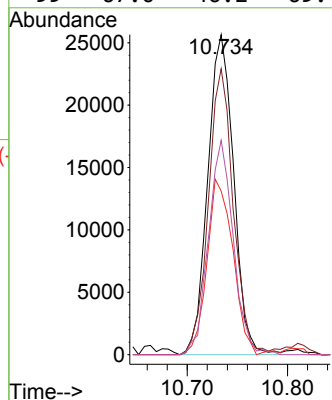
Ion Ratio Lower Upper

97 100

83 89.3 65.8 98.6

85 51.1 45.7 68.5

99 67.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.985 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

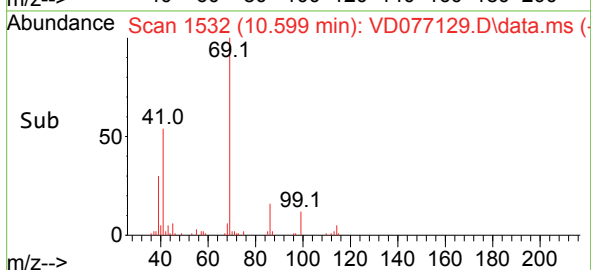
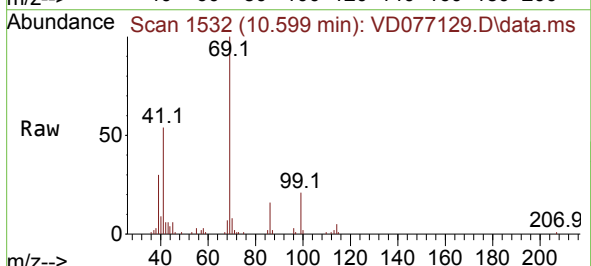
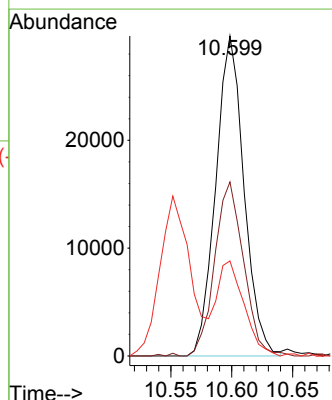
Tgt Ion: 69 Resp: 47993

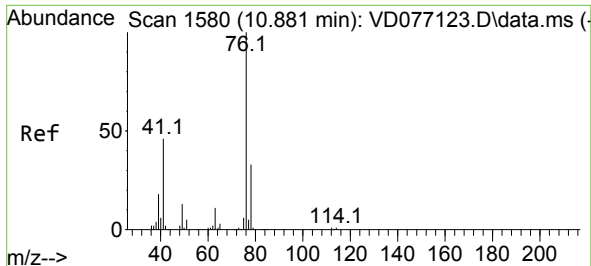
Ion Ratio Lower Upper

69 100

41 55.6 39.1 58.7

39 28.3 20.0 30.0





#57

1,3-Dichloropropane

Concen: 21.183 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

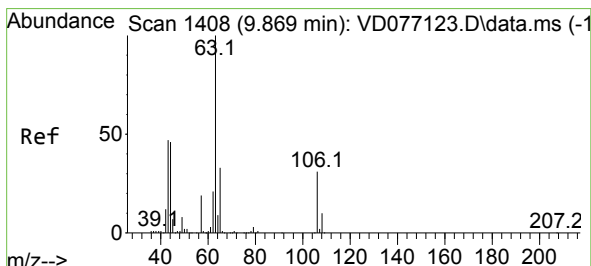
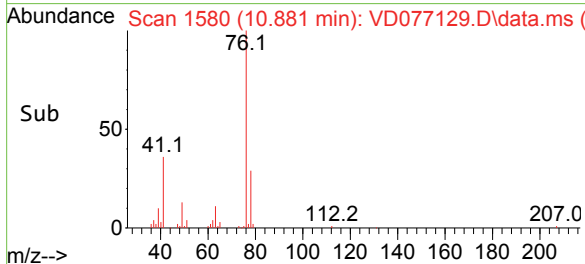
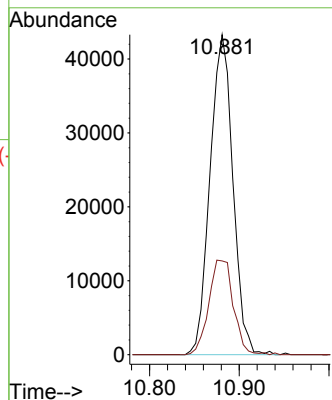
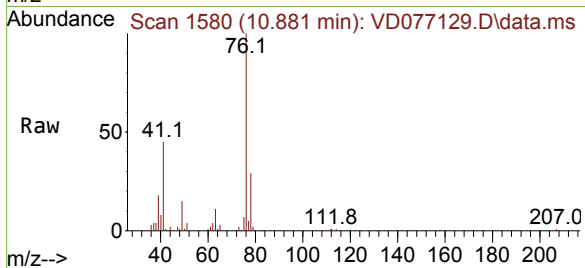
ClientSampleId :

Tgt Ion: 76 Resp: 76652

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 79.077 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077129.D

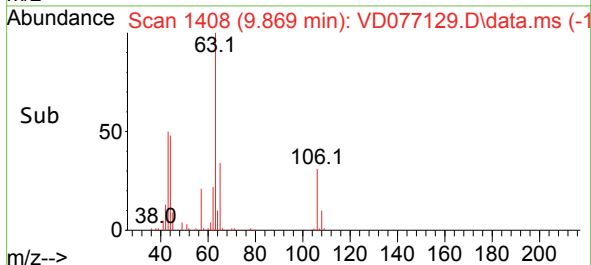
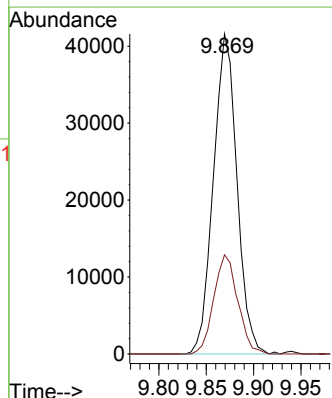
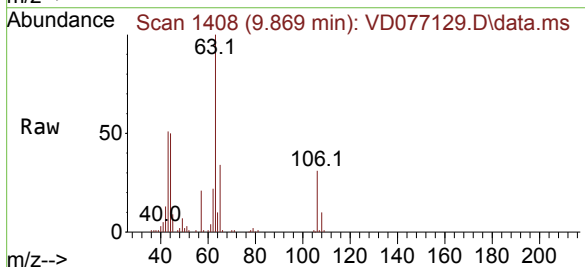
Acq: 18 Sep 2023 14:59

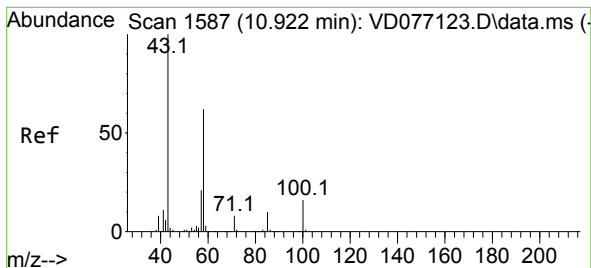
Tgt Ion: 63 Resp: 71882

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

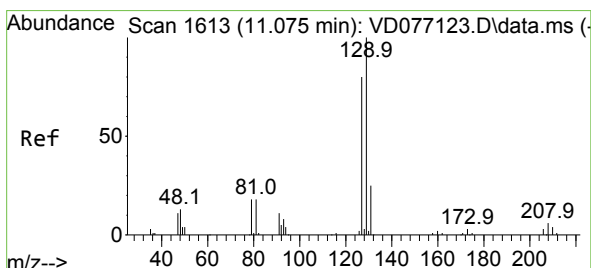
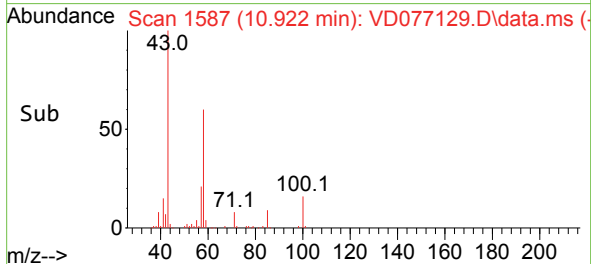
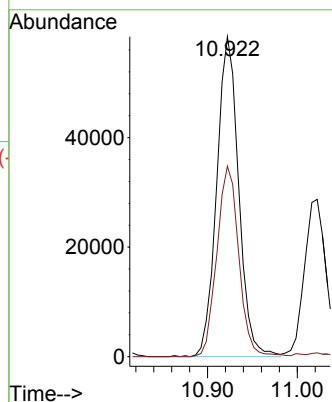
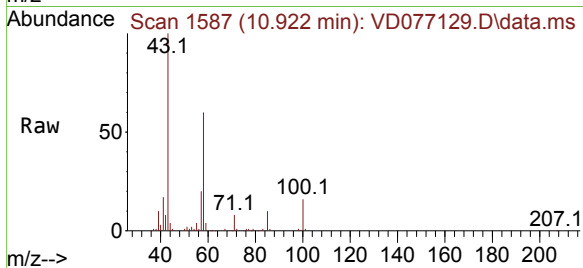




#59
2-Hexanone
Concen: 99.540 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

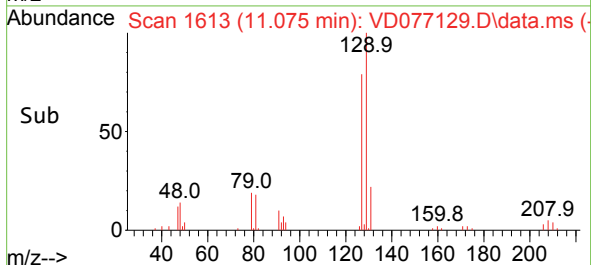
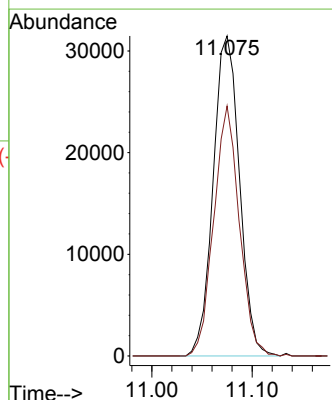
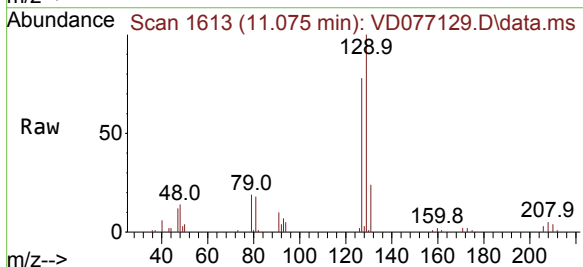
Instrument :
MSVOA_D
ClientSampleId :

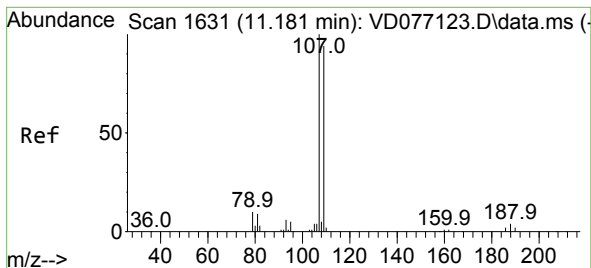
Tgt Ion: 43 Resp: 99301
Ion Ratio Lower Upper
43 100
58 59.5 34.1 102.2



#60
Dibromochloromethane
Concen: 20.956 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 129 Resp: 57374
Ion Ratio Lower Upper
129 100
127 75.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.979 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

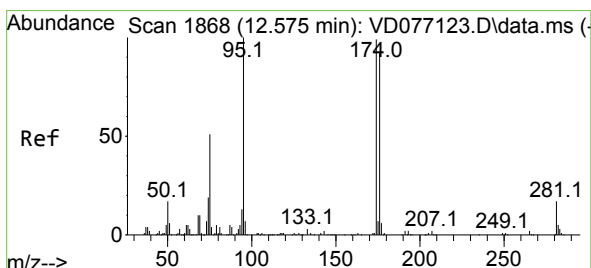
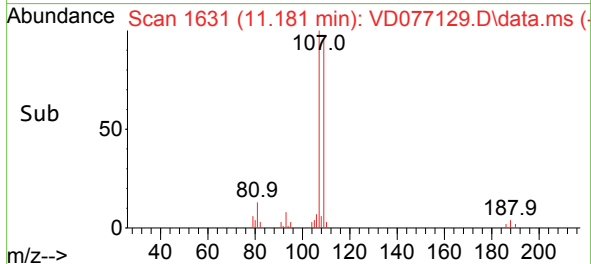
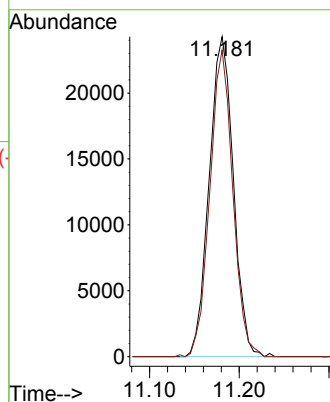
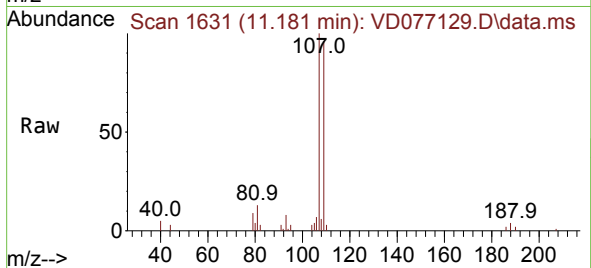
ClientSampleId :

Tgt Ion:107 Resp: 45334

Ion Ratio Lower Upper

107 100

109 91.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.505 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

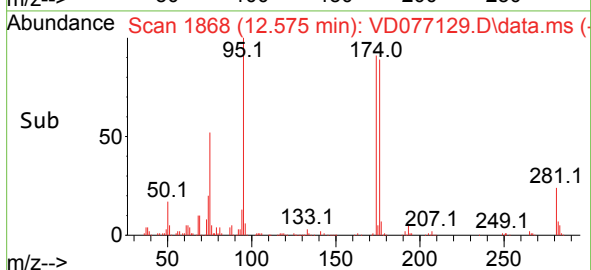
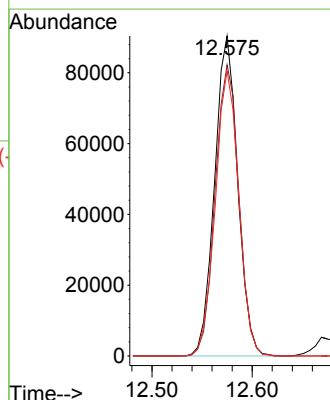
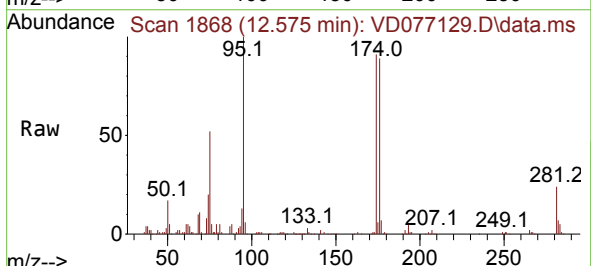
Tgt Ion: 95 Resp: 144754

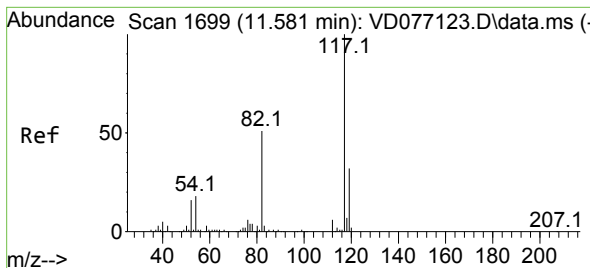
Ion Ratio Lower Upper

95 100

174 93.2 0.0 201.8

176 90.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

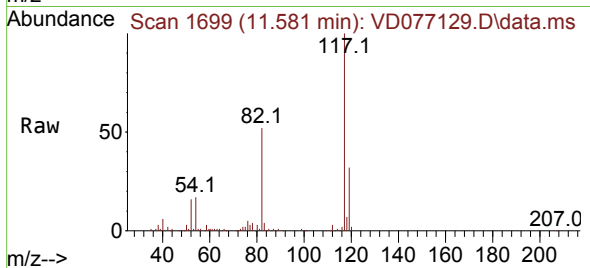
Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :



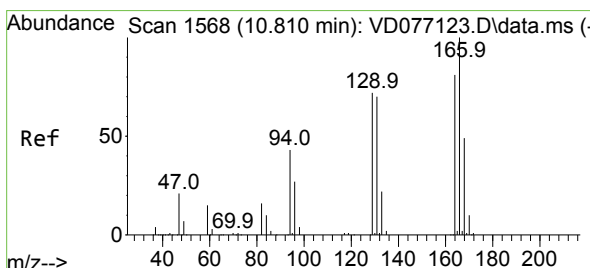
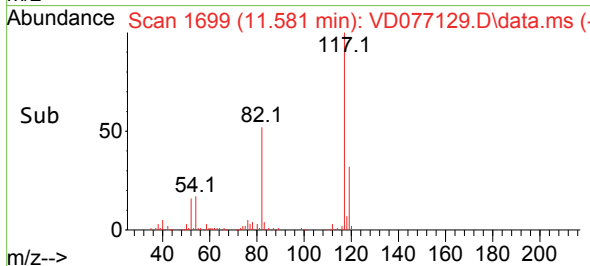
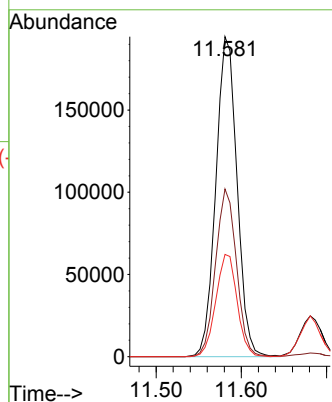
Tgt Ion:117 Resp: 336844

Ion Ratio Lower Upper

117 100

82 52.4 38.3 57.5

119 32.0 25.0 37.4



#64

Tetrachloroethene

Concen: 21.943 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Tgt Ion:164 Resp: 57509

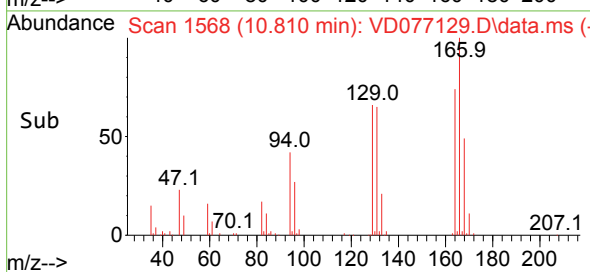
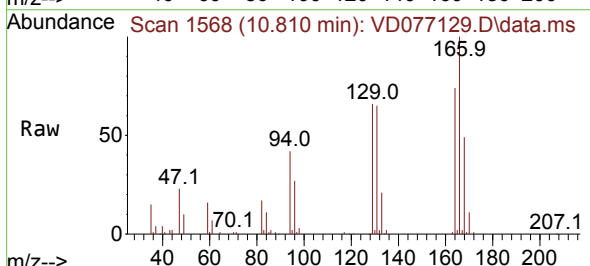
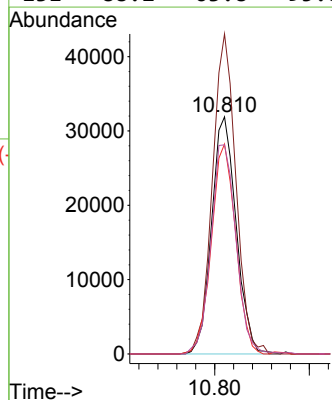
Ion Ratio Lower Upper

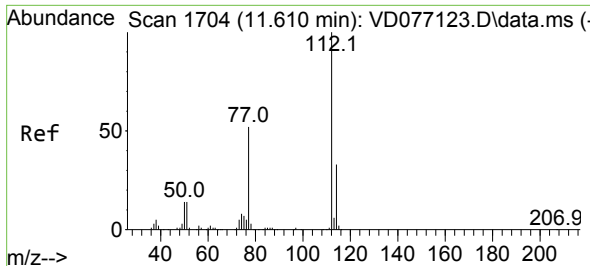
164 100

166 135.0 99.2 148.8

129 88.5 68.4 102.6

131 88.2 63.8 95.8

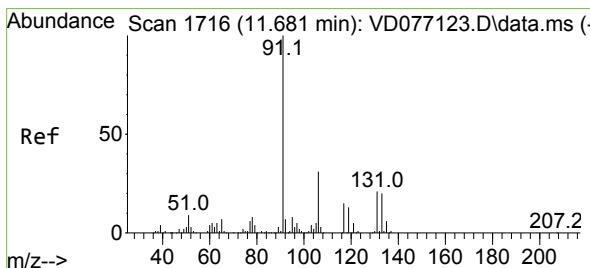
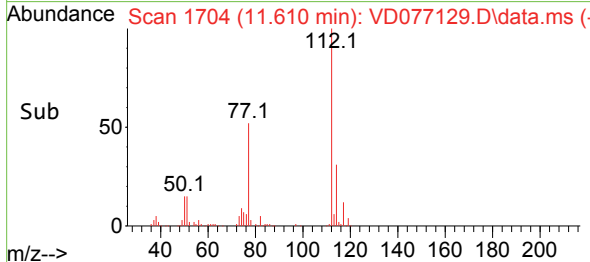
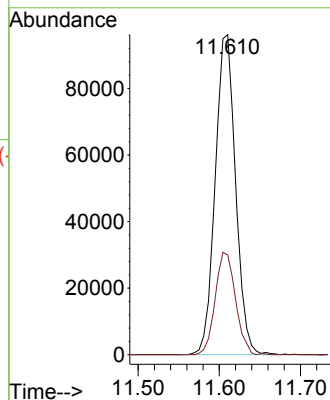
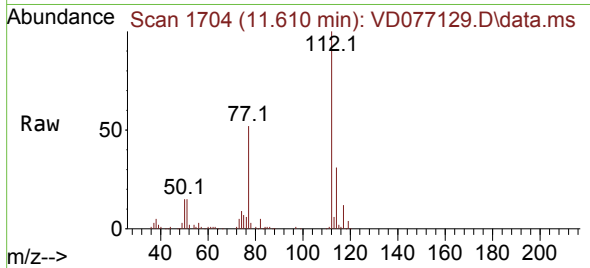




#65
Chlorobenzene
Concen: 21.188 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

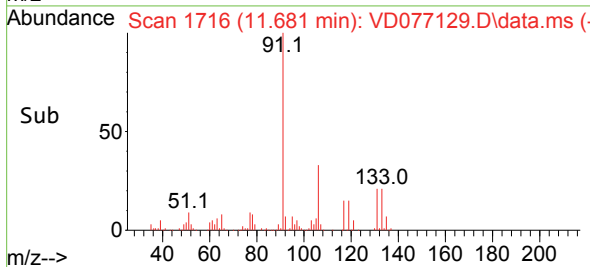
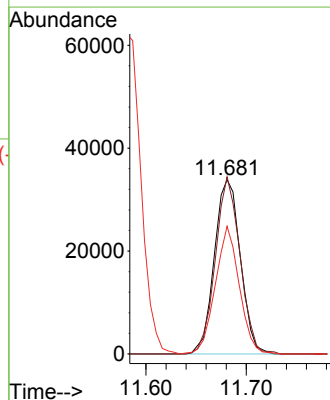
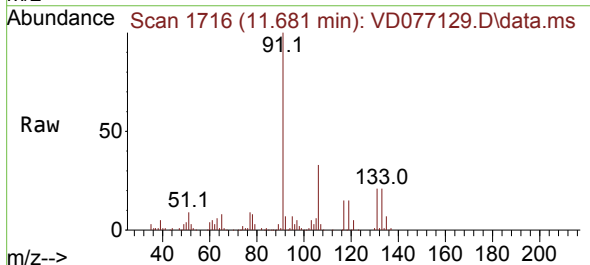
Instrument :
MSVOA_D
ClientSampleId :

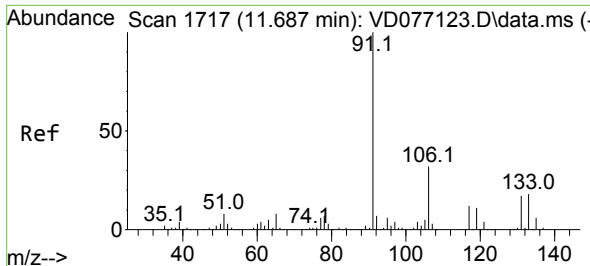
Tgt Ion:112 Resp: 167893
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.994 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion:131 Resp: 60861
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 67.7 35.6 106.9

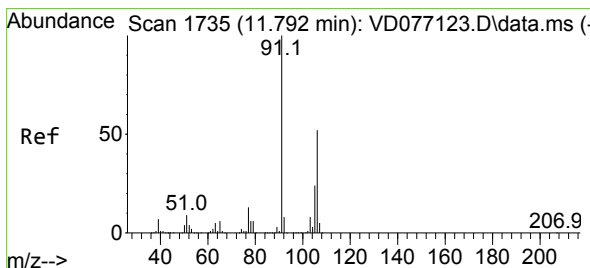
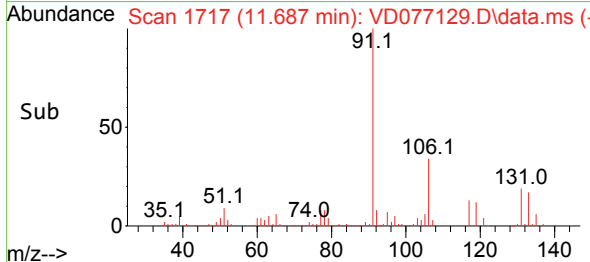
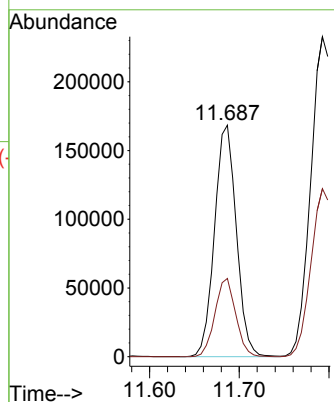
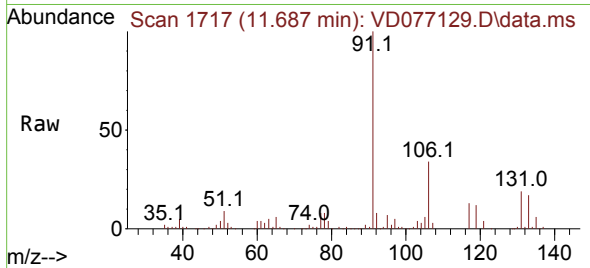




#67
Ethyl Benzene
Concen: 20.876 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

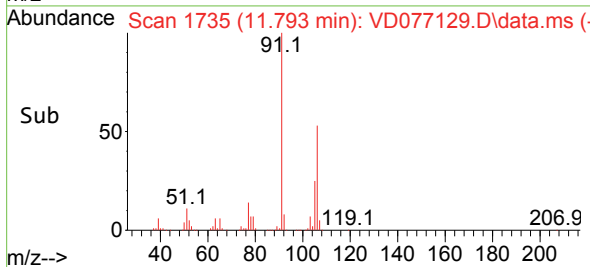
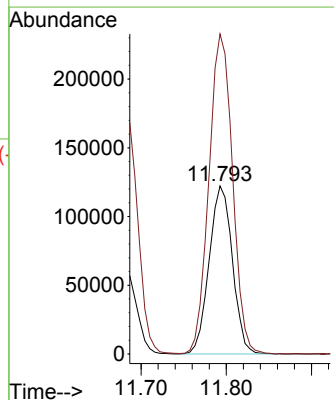
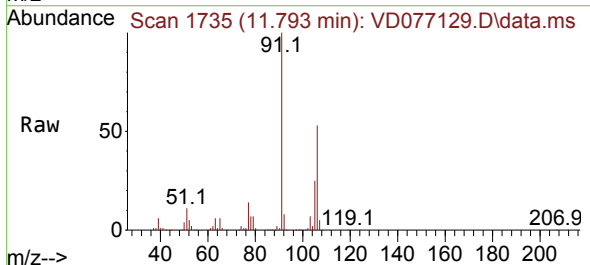
Instrument :
MSVOA_D
ClientSampleId :

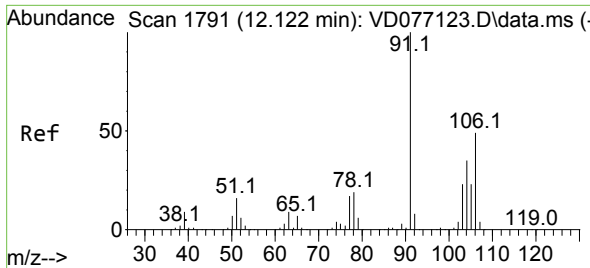
Tgt Ion: 91 Resp: 284334
Ion Ratio Lower Upper
91 100
106 33.8 26.5 39.7



#68
m/p-Xylenes
Concen: 42.599 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 106 Resp: 232313
Ion Ratio Lower Upper
106 100
91 193.4 147.0 220.6

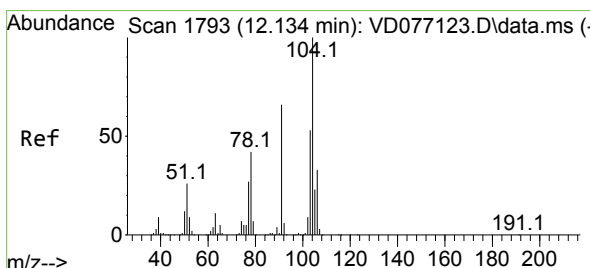
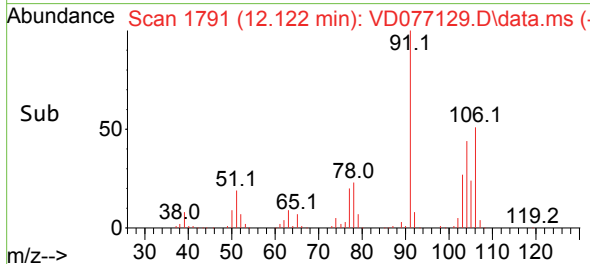
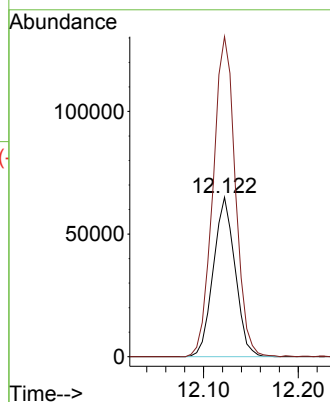
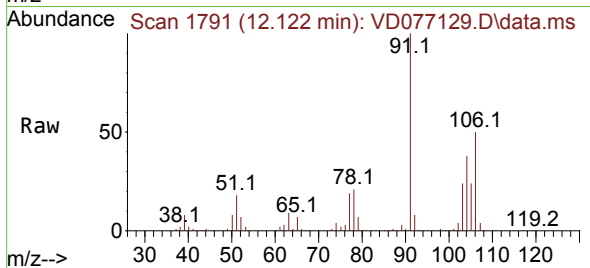




#69
o-Xylene
Concen: 20.801 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

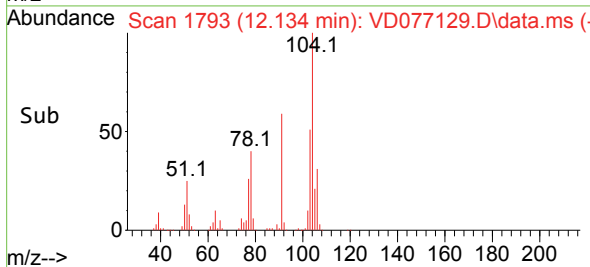
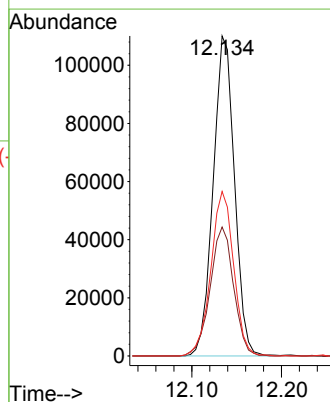
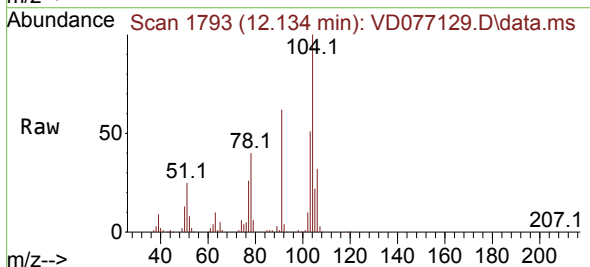
Instrument :
MSVOA_D
ClientSampleId :

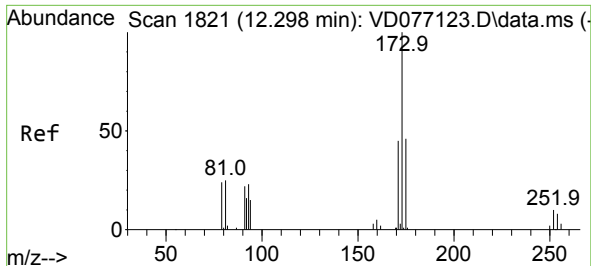
Tgt Ion:106 Resp: 104119
Ion Ratio Lower Upper
106 100
91 205.9 97.9 293.6



#70
Styrene
Concen: 21.304 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion:104 Resp: 181677
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 55.0 43.6 65.4

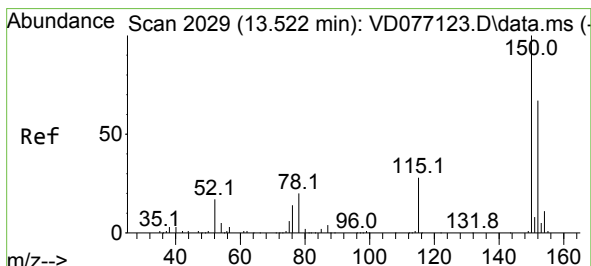
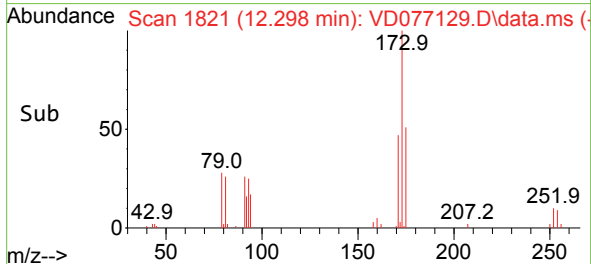
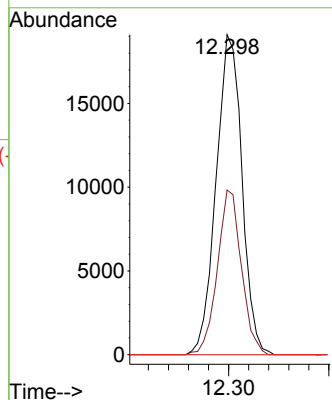
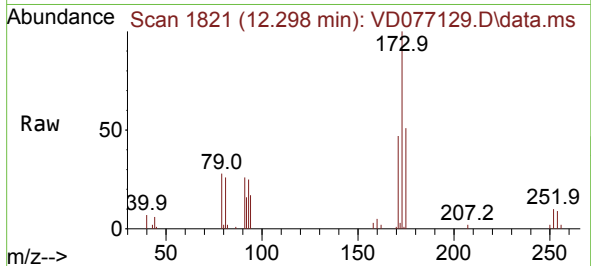




#71
Bromoform
Concen: 21.221 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

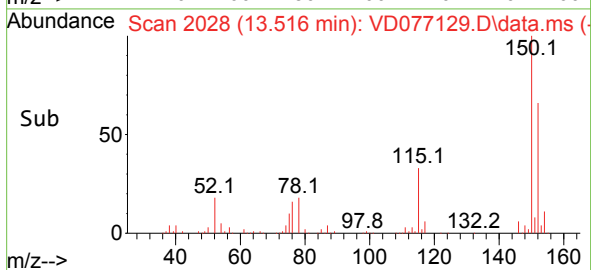
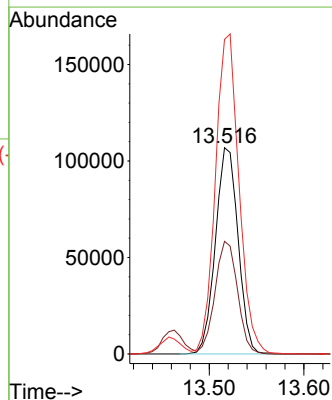
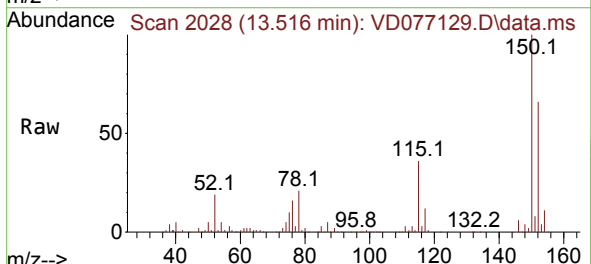
Instrument :
MSVOA_D
ClientSampleId :

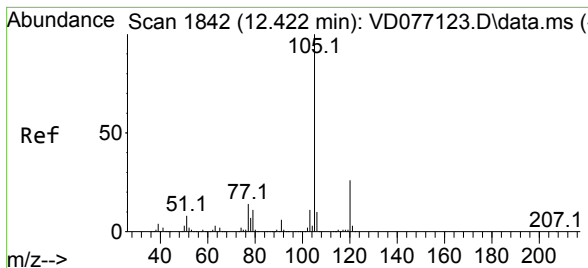
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.3
150	161.8	0.0	353.6





#73

Isopropylbenzene

Concen: 20.646 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

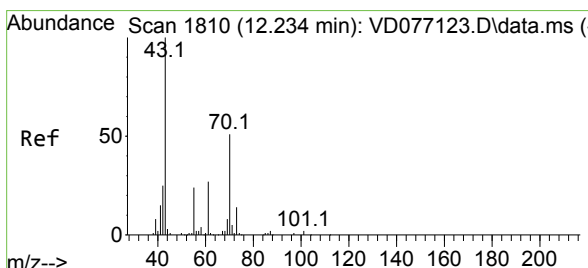
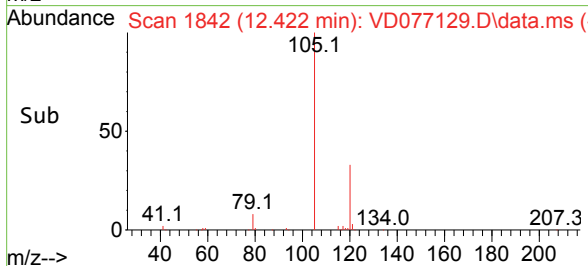
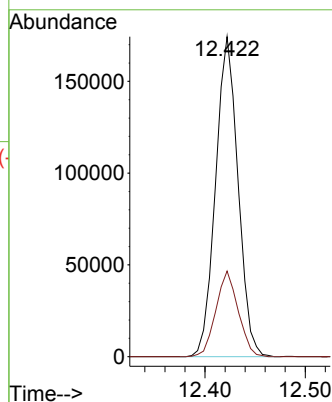
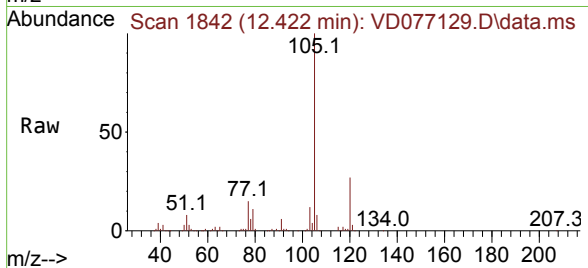
ClientSampleId :

Tgt Ion:105 Resp: 270788

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 20.285 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Tgt Ion: 43 Resp: 49977

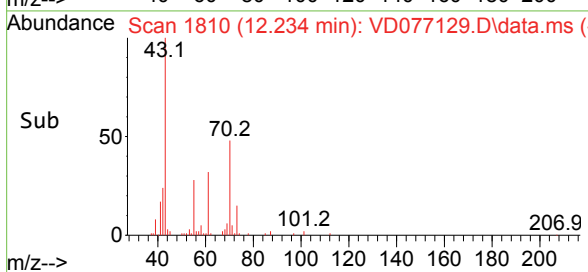
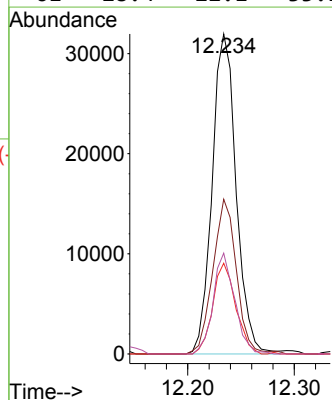
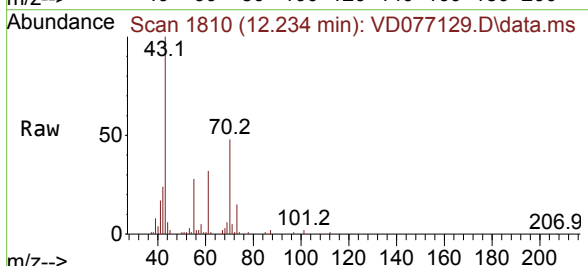
Ion Ratio Lower Upper

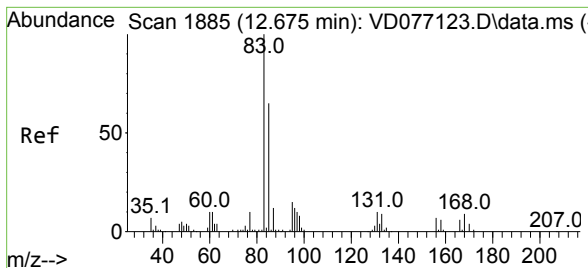
43 100

70 47.6 45.0 67.4

55 27.2 23.8 35.6

61 28.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.705 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

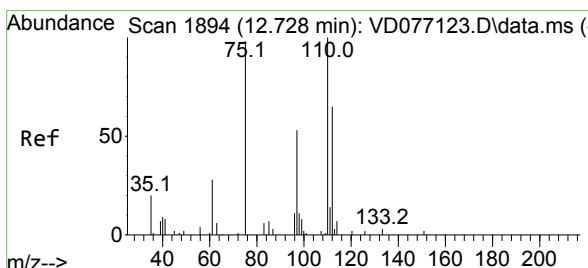
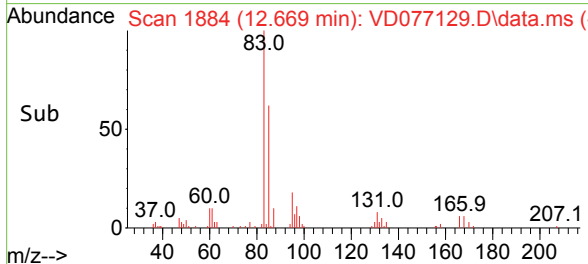
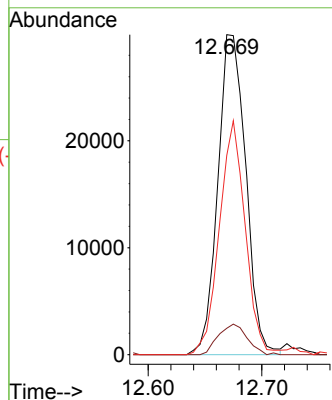
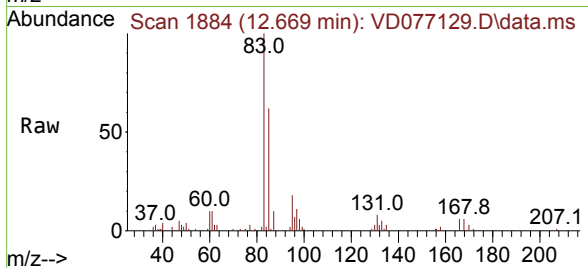
Tgt Ion: 83 Resp: 51247

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 67.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.354 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077129.D

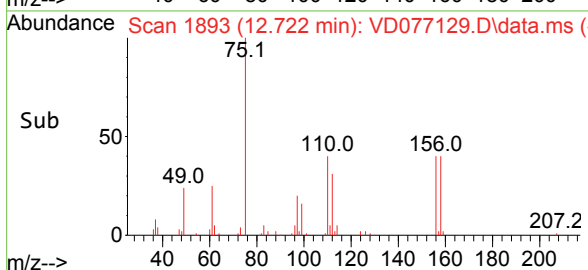
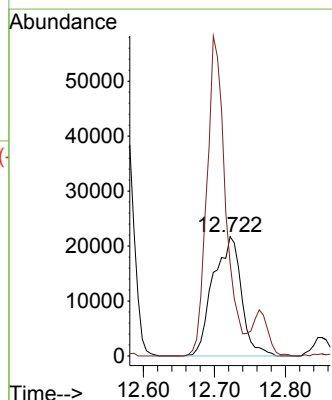
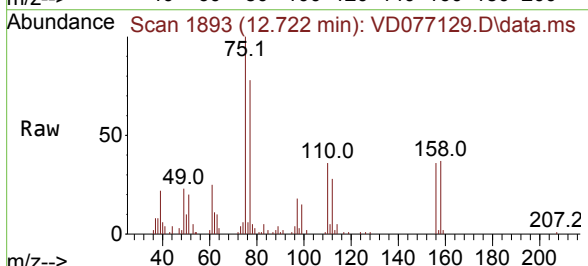
Acq: 18 Sep 2023 14:59

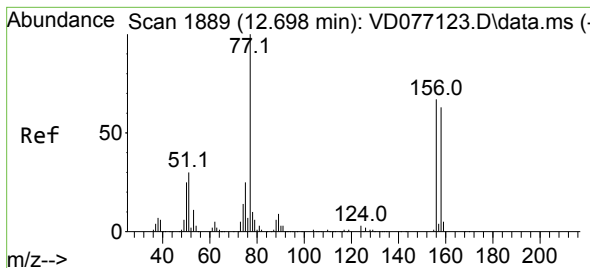
Tgt Ion: 75 Resp: 59968

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.248 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077129.D

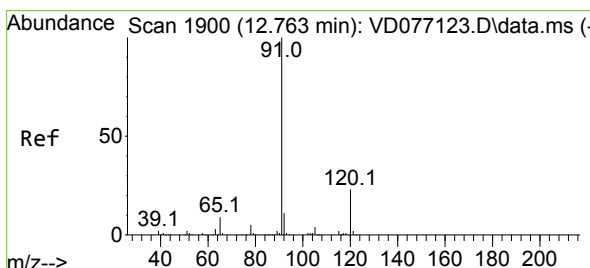
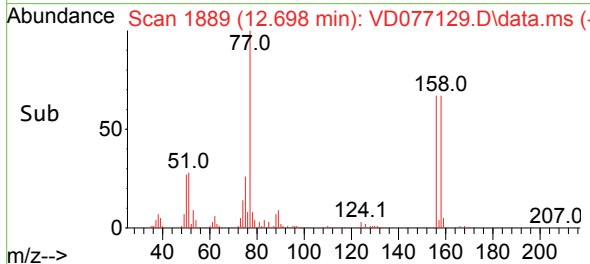
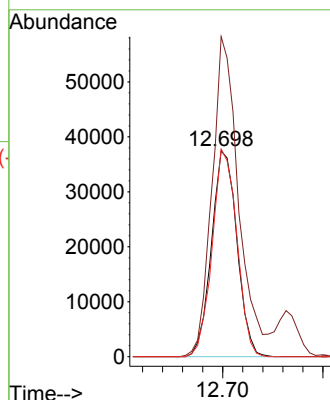
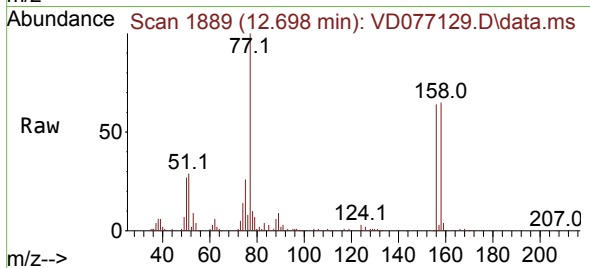
Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	66126
Ion Ratio	Lower	Upper	
156	100		
77	162.7	76.8	230.4
158	97.7	48.6	145.9



#78

n-propylbenzene

Concen: 21.054 ug/l

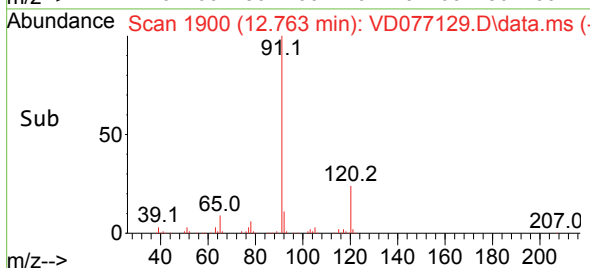
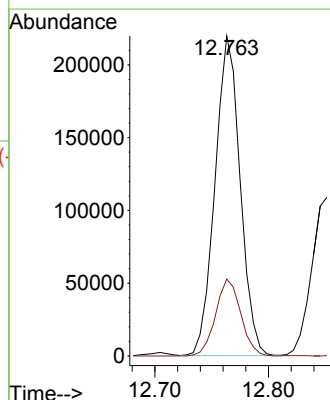
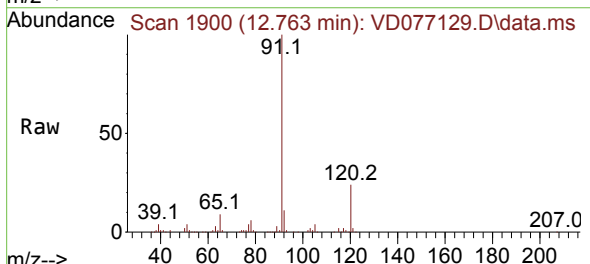
RT: 12.763 min Scan# 1900

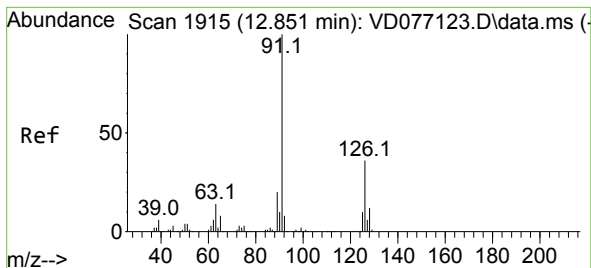
Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Tgt Ion:	91	Resp:	337525
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 20.663 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

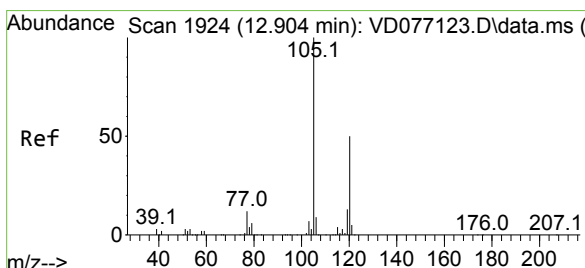
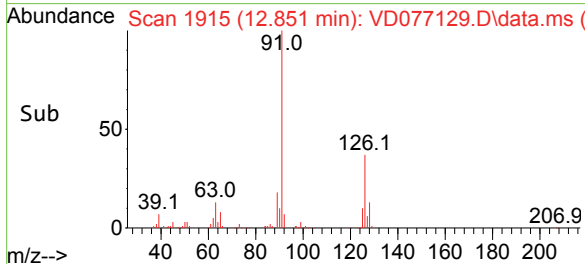
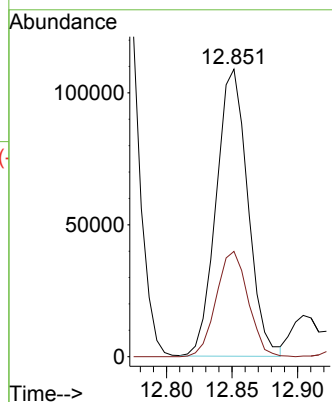
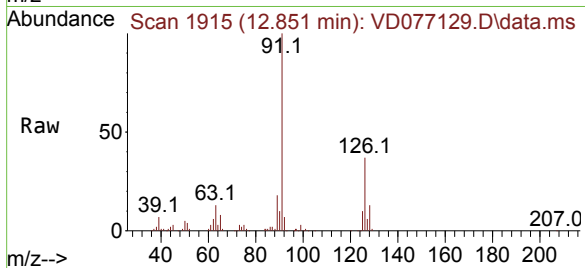
ClientSampleId :

Tgt Ion: 91 Resp: 182671

Ion Ratio Lower Upper

91 100

126 36.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.891 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077129.D

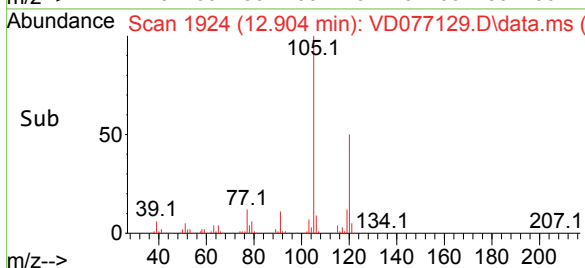
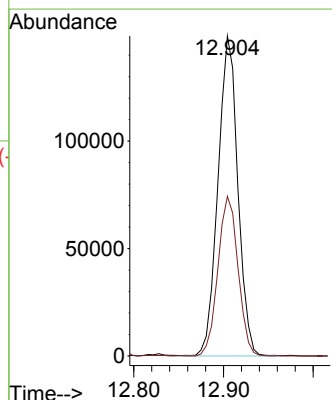
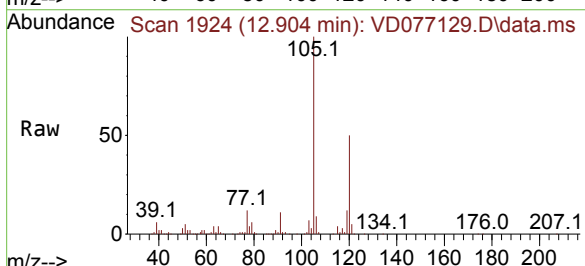
Acq: 18 Sep 2023 14:59

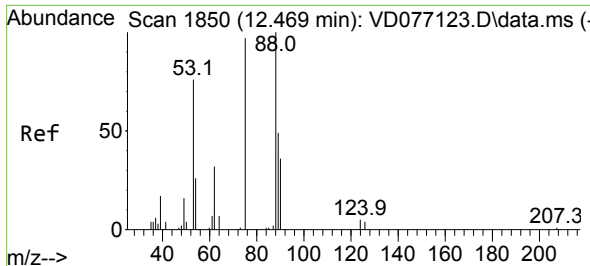
Tgt Ion: 105 Resp: 228830

Ion Ratio Lower Upper

105 100

120 50.5 26.4 79.2

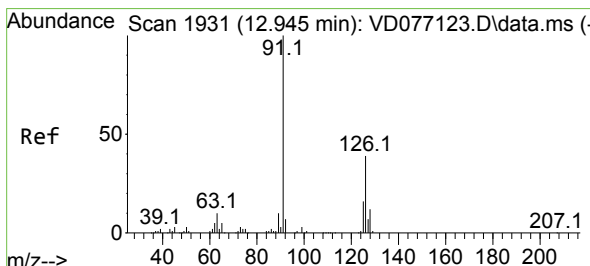
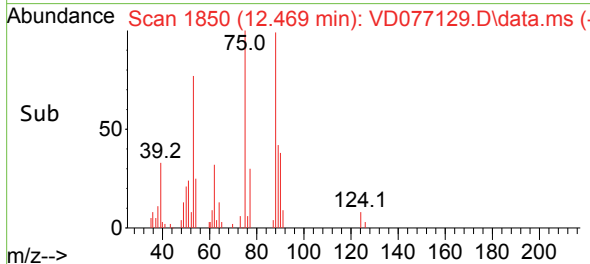
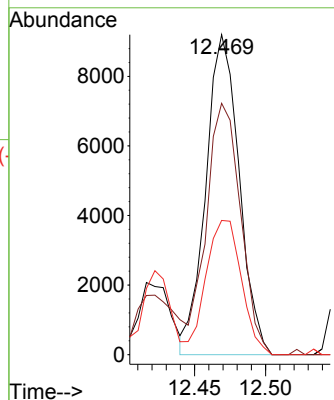
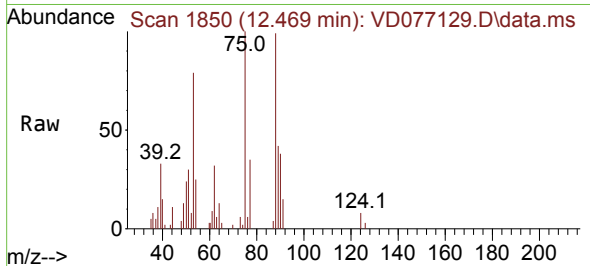




#81
trans-1,4-Dichloro-2-butene
Concen: 20.039 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

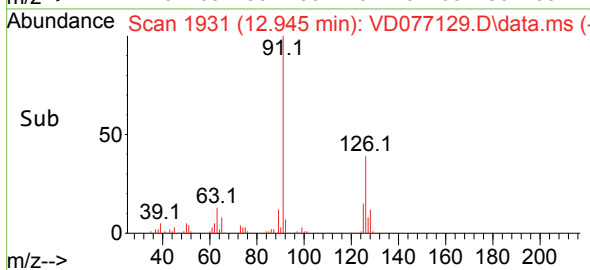
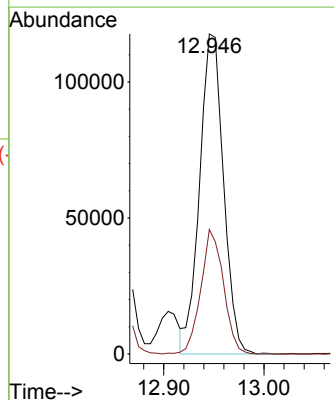
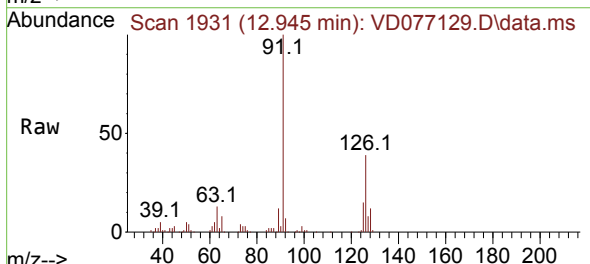
Instrument :
MSVOA_D
ClientSampleId :

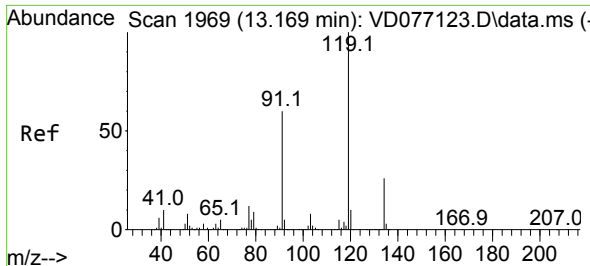
Tgt Ion	Ratio	Lower	Upper
75	100		
53	79.9	63.0	94.4
89	45.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.019 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

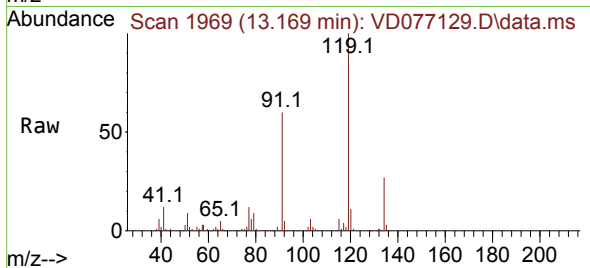
Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	19.4	58.4



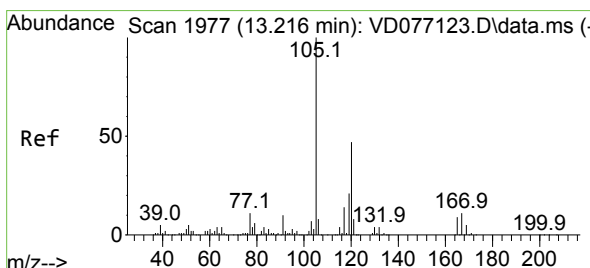
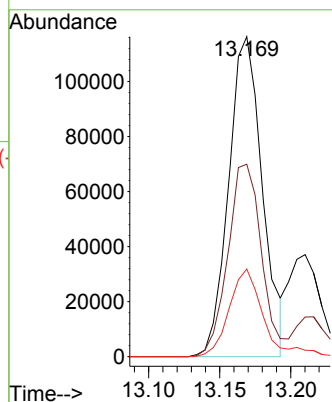


#83
tert-Butylbenzene
Concen: 20.548 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Instrument :
MSVOA_D
ClientSampleId :

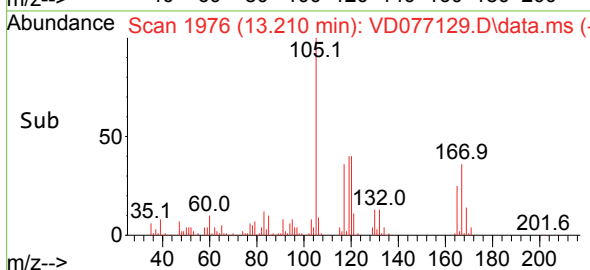
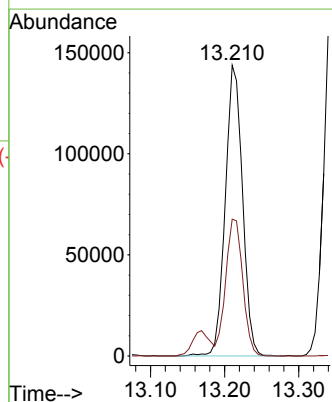
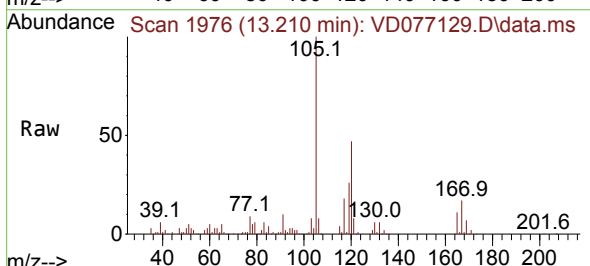


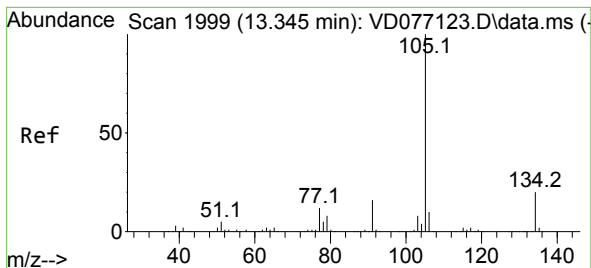
Tgt Ion:119 Resp: 192288
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 27.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.887 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion:105 Resp: 231986
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.353 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

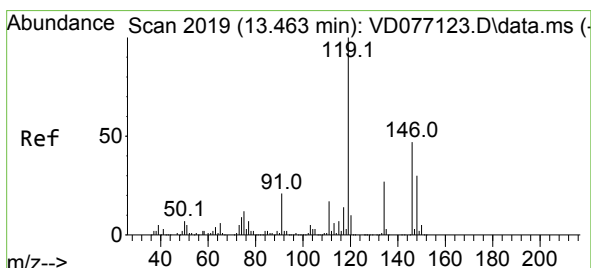
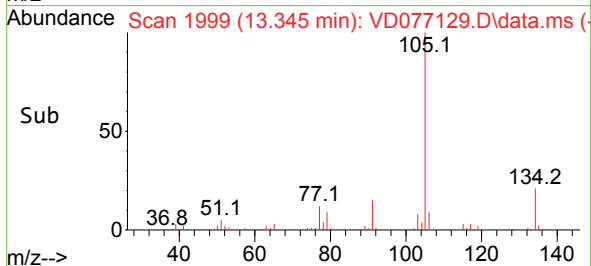
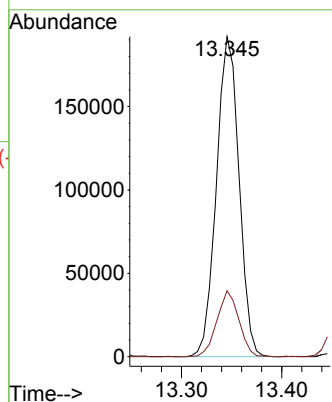
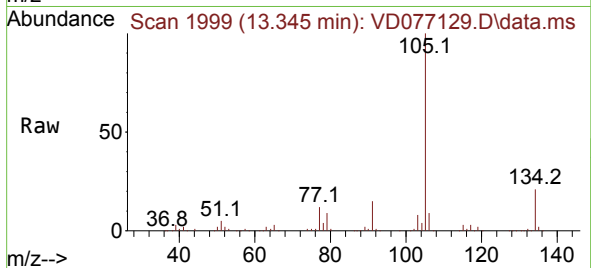
ClientSampleId :

Tgt Ion:105 Resp: 299845

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.365 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

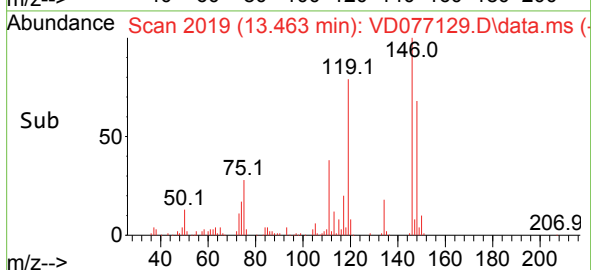
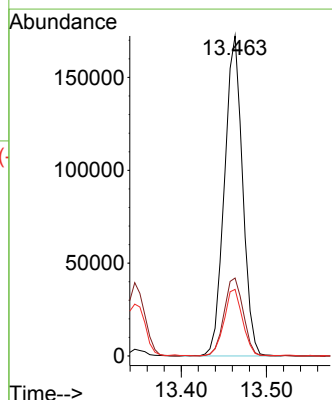
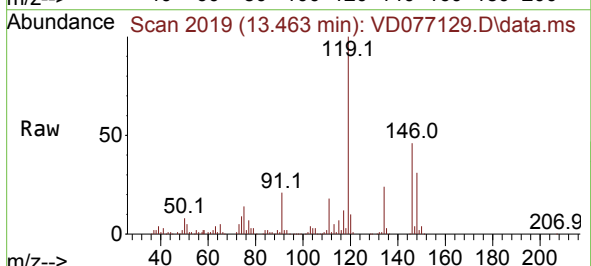
Tgt Ion:119 Resp: 254522

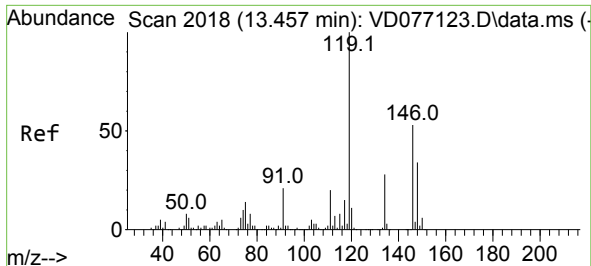
Ion Ratio Lower Upper

119 100

134 25.8 14.2 42.6

91 21.5 10.5 31.5

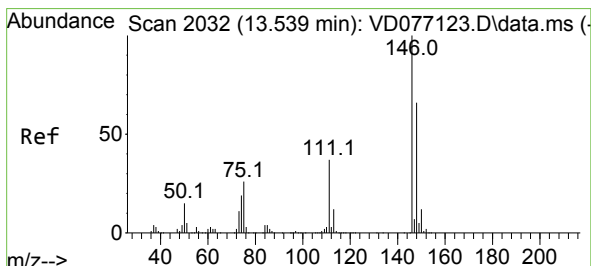
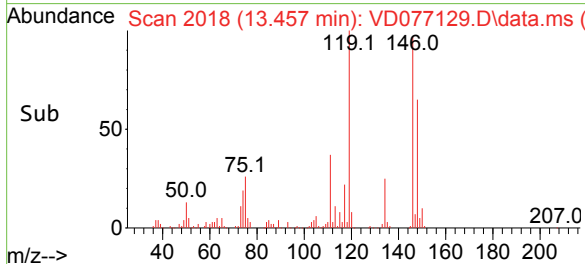
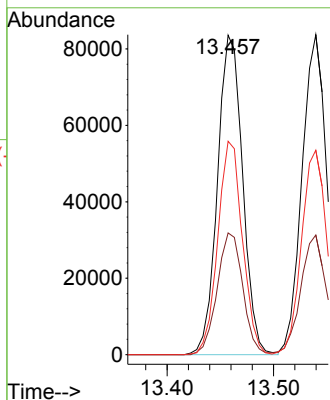
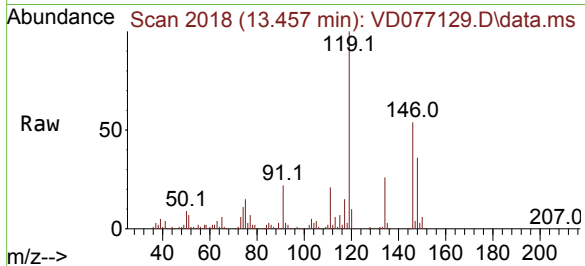




#87
1,3-Dichlorobenzene
Concen: 20.402 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

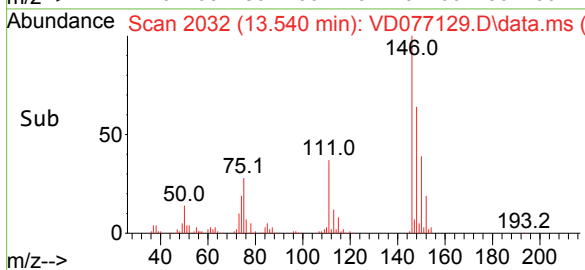
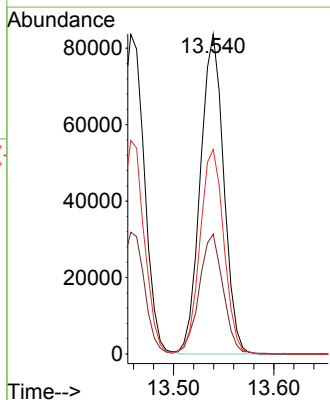
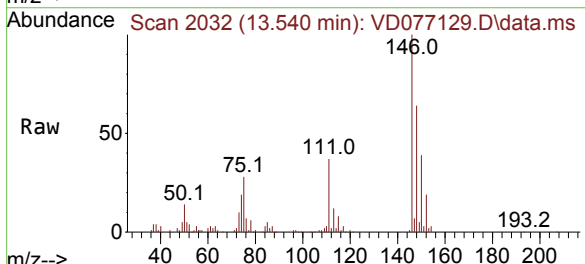
Instrument :
MSVOA_D
ClientSampleId :

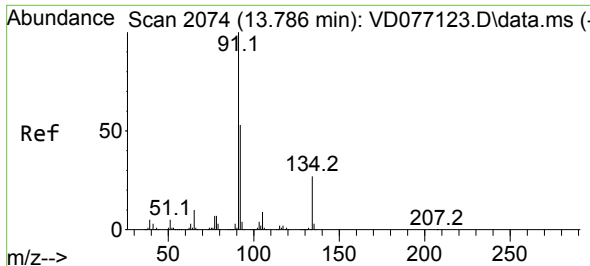
Tgt Ion:146 Resp: 137024
Ion Ratio Lower Upper
146 100
111 38.8 17.9 53.8
148 65.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.554 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

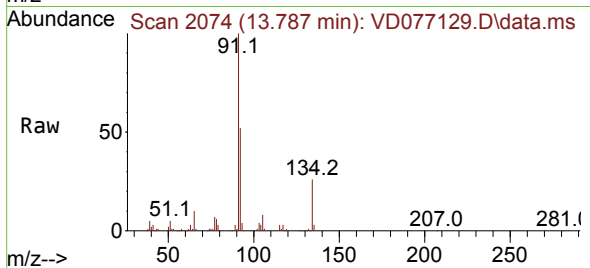
Tgt Ion:146 Resp: 135822
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 65.3 31.7 95.1



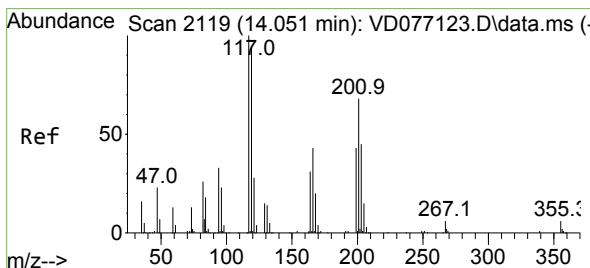
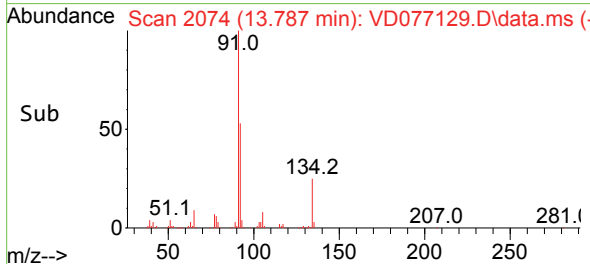
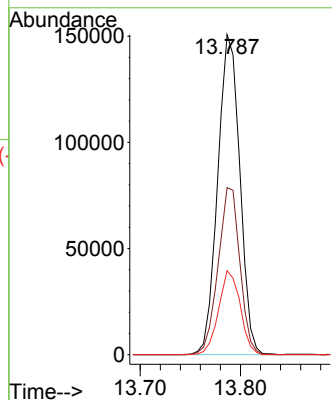


#89
n-Butylbenzene
Concen: 20.998 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Instrument :
MSVOA_D
ClientSampleId :

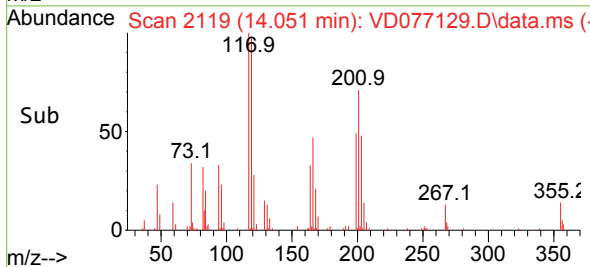
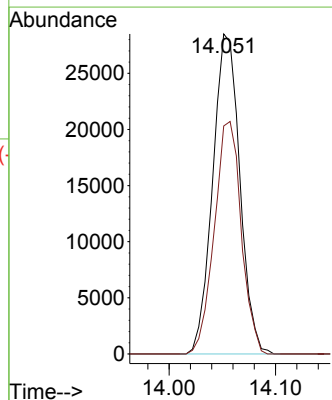
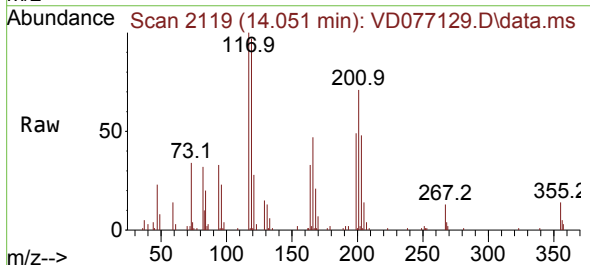


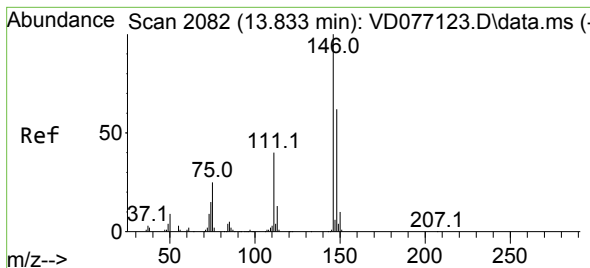
Tgt Ion: 91 Resp: 230755
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 25.6 13.8 41.3



#90
Hexachloroethane
Concen: 21.312 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077129.D
Acq: 18 Sep 2023 14:59

Tgt Ion: 117 Resp: 50352
Ion Ratio Lower Upper
117 100
201 72.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.502 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

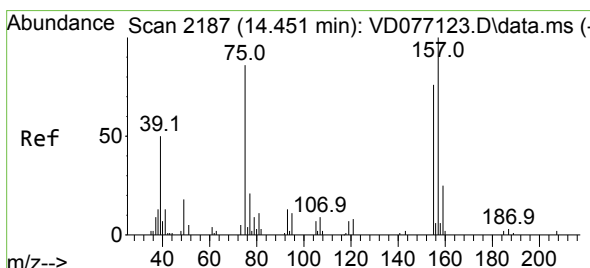
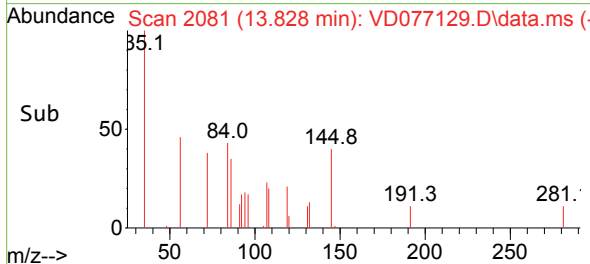
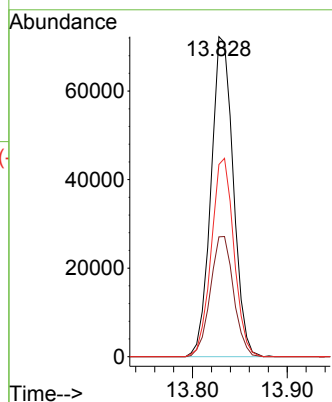
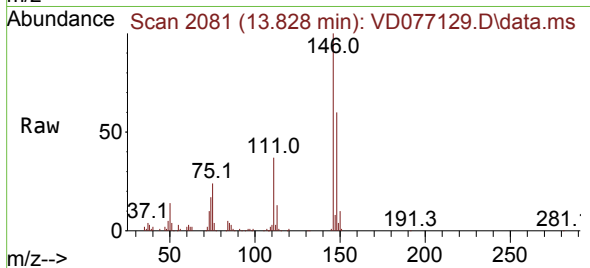
Tgt Ion:146 Resp: 118059

Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 63.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.469 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

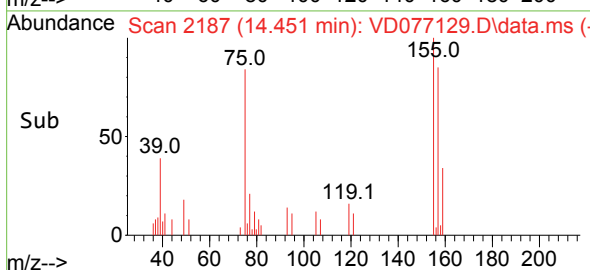
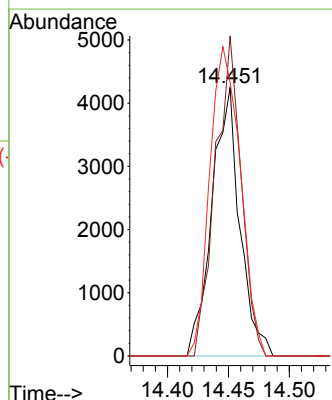
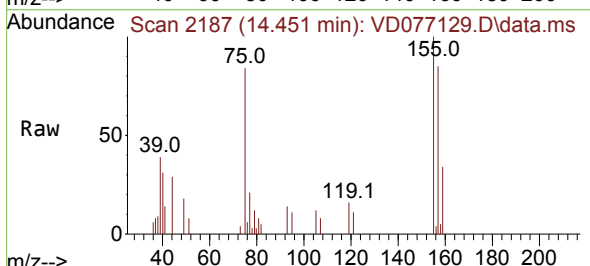
Tgt Ion: 75 Resp: 6765

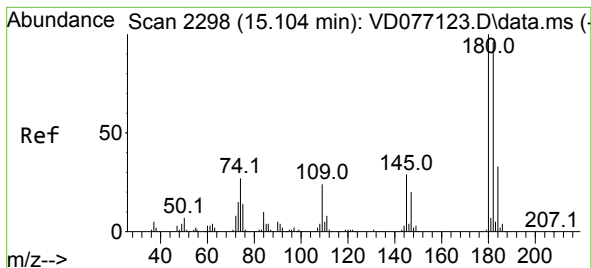
Ion Ratio Lower Upper

75 100

155 110.7 47.9 143.8

157 126.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.693 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

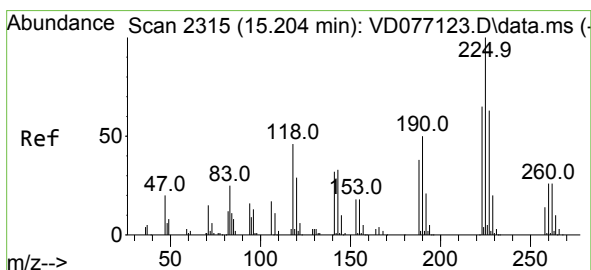
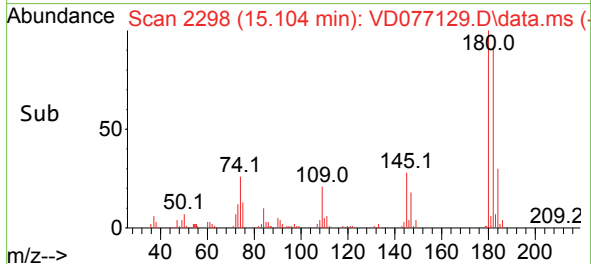
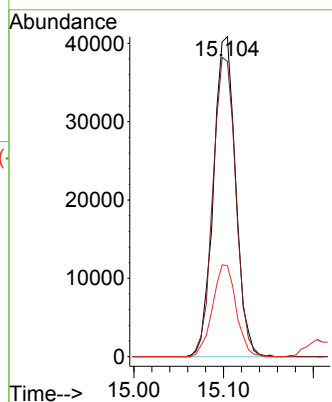
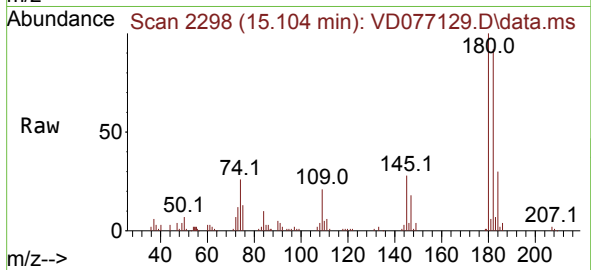
Tgt Ion:180 Resp: 69963

Ion Ratio Lower Upper

180 100

182 96.7 48.5 145.6

145 30.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.798 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

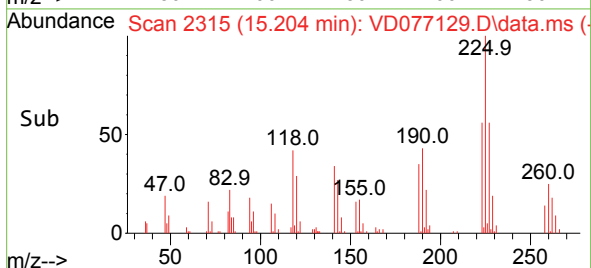
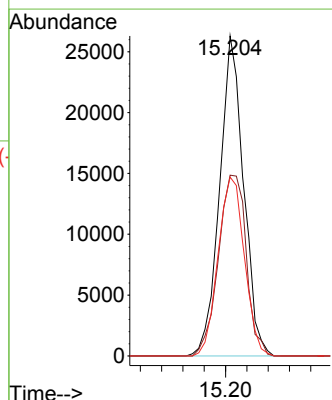
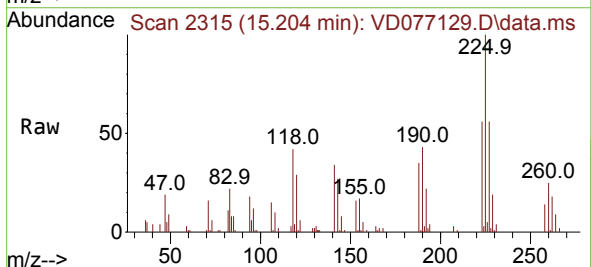
Tgt Ion:225 Resp: 41038

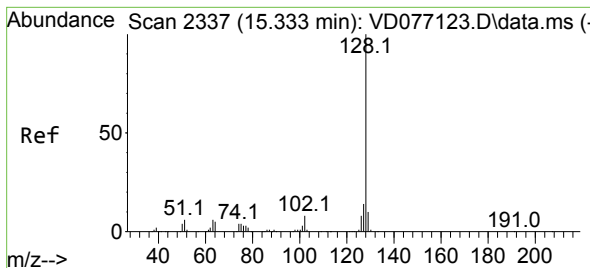
Ion Ratio Lower Upper

225 100

223 65.6 31.6 94.8

227 61.3 31.7 95.1





#95

Naphthalene

Concen: 19.331 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077129.D

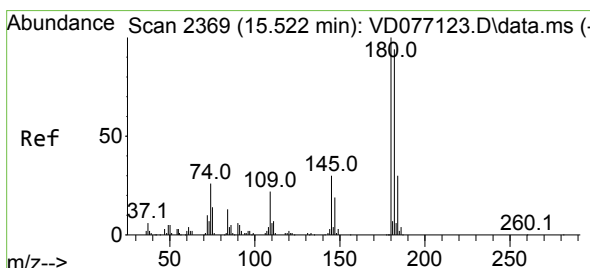
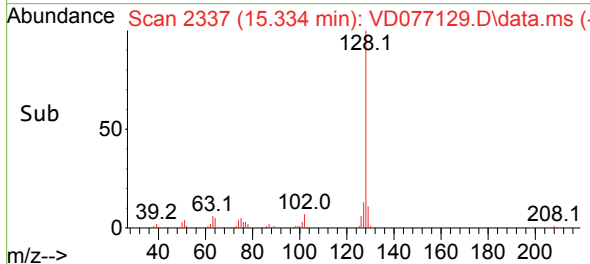
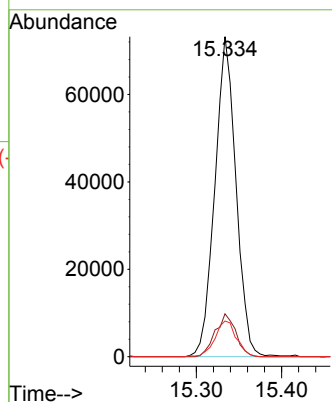
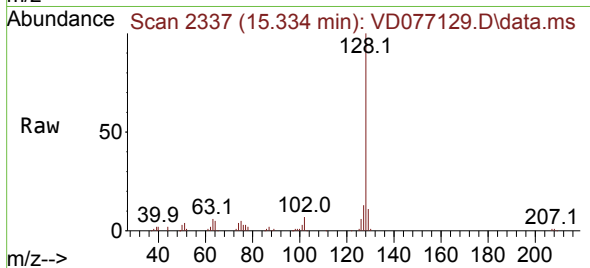
Acq: 18 Sep 2023 14:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp: 125937
Ion Ratio	Lower Upper
128	100
127	13.4 10.5 15.7
129	11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.110 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077129.D

Acq: 18 Sep 2023 14:59

Tgt Ion:180	Resp: 63503
Ion Ratio	Lower Upper
180	100
182	93.5 47.3 141.9
145	29.8 15.1 45.3

