

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077429.D
 Acq On : 26 Oct 2023 15:22
 Operator : JC/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:47:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	273025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	454867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	372572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102649	42.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.200%
35) Dibromofluoromethane	7.805	113	136655	42.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.520%
50) Toluene-d8	10.269	98	454126	39.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.360%
62) 4-Bromofluorobenzene	12.569	95	125369	38.055	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38639	15.223	ug/l	93
3) Chloromethane	2.152	50	82837	16.026	ug/l	96
4) Vinyl Chloride	2.287	62	105273	17.242	ug/l	98
5) Bromomethane	2.687	94	66358	16.912	ug/l	100
6) Chloroethane	2.834	64	70951	16.530	ug/l	98
7) Trichlorofluoromethane	3.175	101	84744	13.682	ug/l	95
8) Diethyl Ether	3.593	74	22692	13.669	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	48944	15.274	ug/l	98
10) Methyl Iodide	4.164	142	50643	12.916	ug/l	93
11) Tert butyl alcohol	5.052	59	13644	99.487	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	44672	14.211	ug/l	88
13) Acrolein	3.793	56	23172	97.333	ug/l	97
14) Allyl chloride	4.564	41	47418	15.898	ug/l	98
15) Acrylonitrile	5.252	53	49170	97.739	ug/l	97
16) Acetone	4.022	43	45737	85.552	ug/l	93
17) Carbon Disulfide	4.264	76	127671	13.816	ug/l #	94
18) Methyl Acetate	4.564	43	32041	17.221	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	95836	17.899	ug/l	97
20) Methylene Chloride	4.793	84	74403	20.146	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	53845	16.468	ug/l	97
22) Diisopropyl ether	6.210	45	113495	19.384	ug/l	94
23) Vinyl Acetate	6.152	43	229403	83.605	ug/l	96
24) 1,1-Dichloroethane	6.110	63	86631	17.795	ug/l	97
25) 2-Butanone	7.081	43	56342	101.596	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	78702	17.730	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	60795	16.583	ug/l	99
28) Bromochloromethane	7.434	49	38326	21.552	ug/l	93
29) Tetrahydrofuran	7.440	42	44768	139.942	ug/l	96
30) Chloroform	7.593	83	122119	21.864	ug/l	97
31) Cyclohexane	7.875	56	67409	17.771	ug/l #	96
32) 1,1,1-Trichloroethane	7.793	97	97973	20.332	ug/l	95
36) 1,1-Dichloropropene	8.005	75	72321	17.223	ug/l	99
37) Ethyl Acetate	7.163	43	24972	18.933	ug/l	97
38) Carbon Tetrachloride	7.987	117	79610	17.043	ug/l #	96
39) Methylcyclohexane	9.269	83	79148	15.513	ug/l	93
40) Benzene	8.246	78	221651	17.394	ug/l	97

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:47:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	11500	18.269	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	54609	18.194	ug/l	100
43) Isopropyl Acetate	8.357	43	45172	19.024	ug/l	98
44) Trichloroethene	9.028	130	62785	16.852	ug/l	91
45) 1,2-Dichloropropane	9.304	63	52758	17.961	ug/l	96
46) Dibromomethane	9.393	93	32169	17.517	ug/l	98
47) Bromodichloromethane	9.581	83	82704	18.887	ug/l #	95
48) Methyl methacrylate	9.381	41	20226	18.829	ug/l	91
49) 1,4-Dioxane	9.387	88	6696	394.378	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	114947	96.570	ug/l	98
52) Toluene	10.334	92	134530	16.170	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	67360	17.137	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	79052	16.438	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	43687	17.176	ug/l	95
56) Ethyl methacrylate	10.598	69	41664	17.140	ug/l	99
57) 1,3-Dichloropropane	10.881	76	68136	17.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	102563	85.321	ug/l	100
59) 2-Hexanone	10.922	43	85680	100.223	ug/l	94
60) Dibromochloromethane	11.075	129	54085	16.653	ug/l	99
61) 1,2-Dibromoethane	11.181	107	41288	17.227	ug/l	97
64) Tetrachloroethene	10.810	164	45804	16.540	ug/l	95
65) Chlorobenzene	11.604	112	147591	18.174	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	54847	17.767	ug/l	98
67) Ethyl Benzene	11.681	91	239757	17.810	ug/l	99
68) m/p-Xylenes	11.793	106	197715	35.766	ug/l	96
69) o-Xylene	12.122	106	87452	17.185	ug/l	95
70) Styrene	12.134	104	158785	18.288	ug/l	98
71) Bromoform	12.298	173	31609	18.679	ug/l #	100
73) Isopropylbenzene	12.422	105	229249	18.500	ug/l	97
74) N-amyl acetate	12.234	43	38773	21.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	48168	21.390	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	56092	23.585	ug/l #	100
77) Bromobenzene	12.698	156	57445	17.657	ug/l	93
78) n-propylbenzene	12.763	91	288323	19.319	ug/l	97
79) 2-Chlorotoluene	12.851	91	157797	19.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	194444	19.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	14915	21.332	ug/l	98
82) 4-Chlorotoluene	12.945	91	167670	19.812	ug/l	97
83) tert-Butylbenzene	13.169	119	170525	18.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	197459	19.178	ug/l	97
85) sec-Butylbenzene	13.345	105	261279	19.151	ug/l	95
86) p-Isopropyltoluene	13.463	119	209607	17.685	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	121879	17.801	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	124437	18.341	ug/l	98
89) n-Butylbenzene	13.787	91	194176	18.815	ug/l	97
90) Hexachloroethane	14.057	117	47565	19.854	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	108795	18.811	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6544	23.743	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	62964	17.473	ug/l	98
94) Hexachlorobutadiene	15.204	225	33676	16.455	ug/l	99
95) Naphthalene	15.334	128	107447	17.660	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	55353	17.697	ug/l	100

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 27 07:47:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

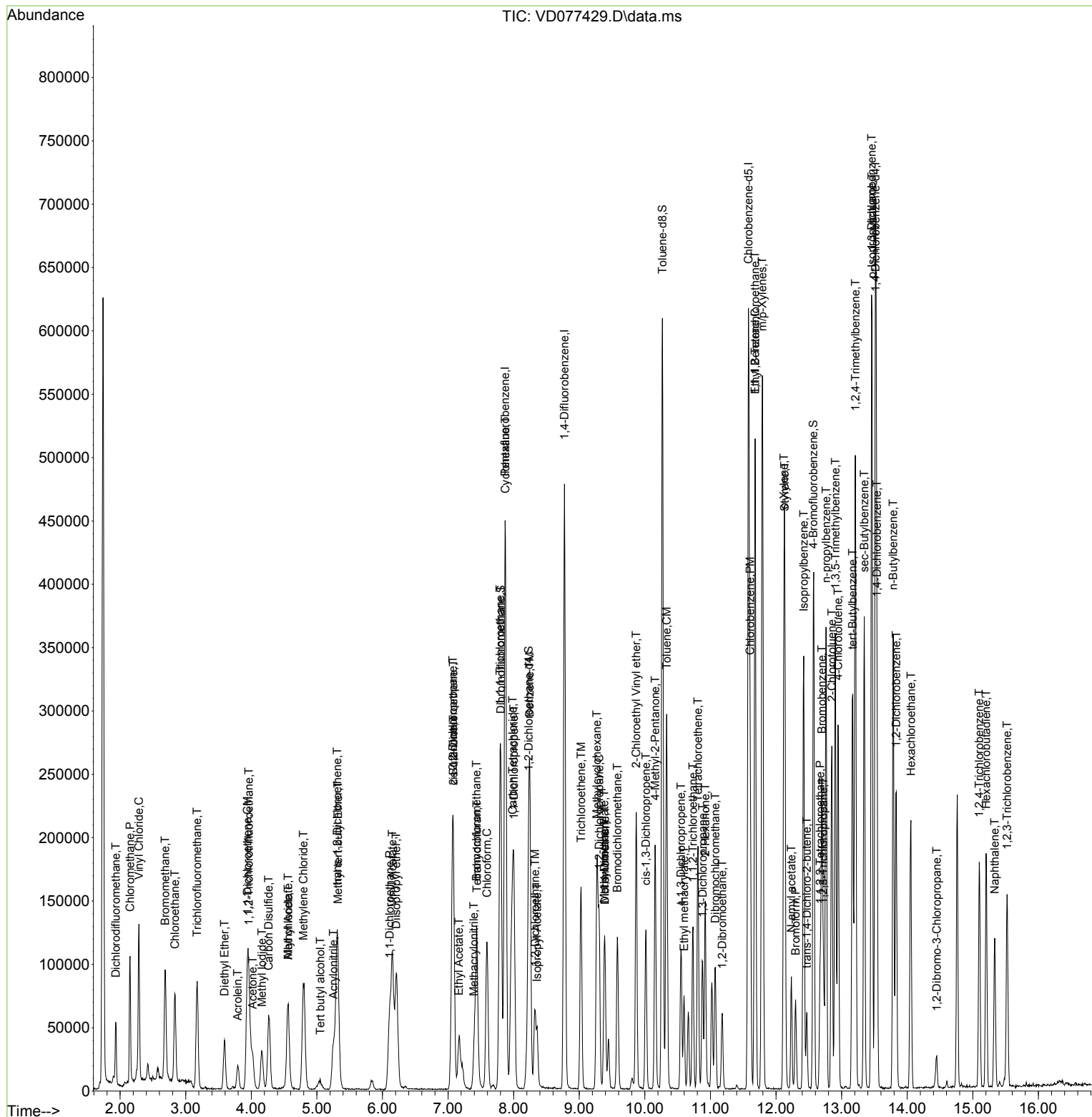
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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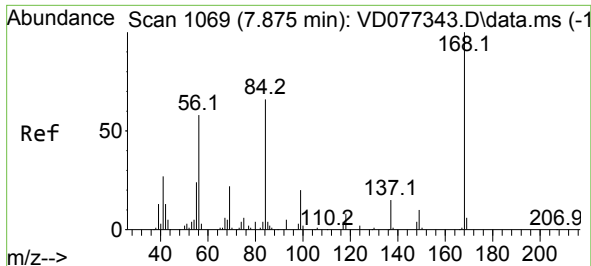
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
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 Sample : VD1026SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Oct 27 07:47:21 2023
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 Quant Title : SW846 8260
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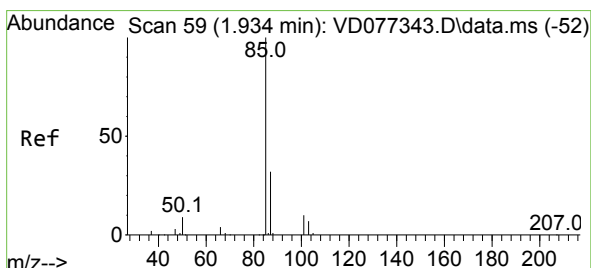
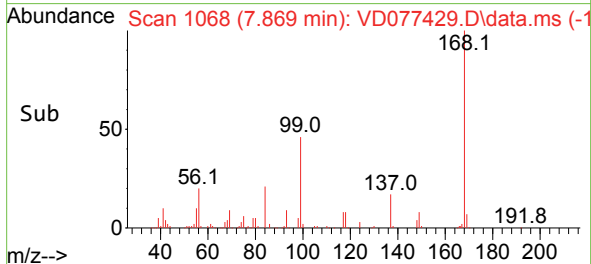
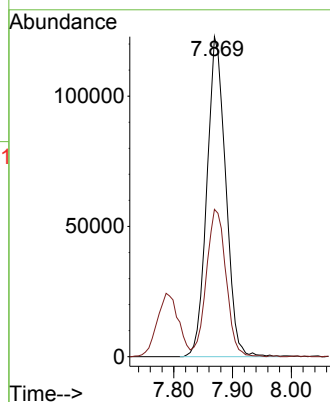
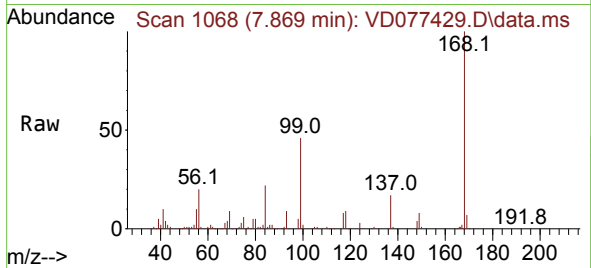




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

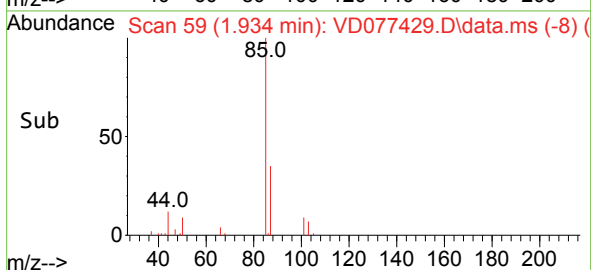
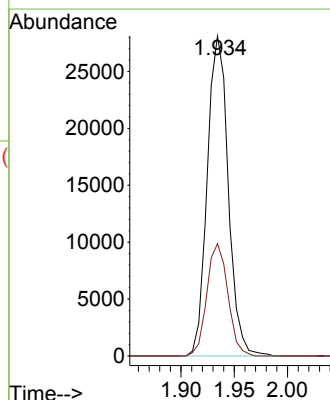
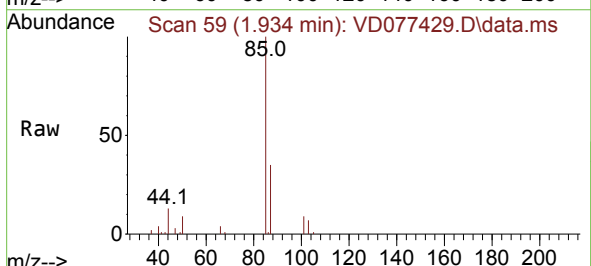
Instrument :
MSVOA_D
ClientSampleId :

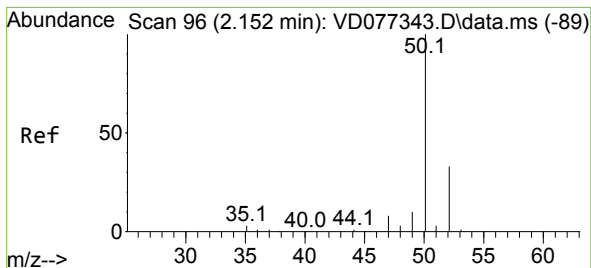
Tgt Ion:168 Resp: 273025
Ion Ratio Lower Upper
168 100
99 46.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 15.223 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 85 Resp: 38639
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0





#3

Chloromethane

Concen: 16.026 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

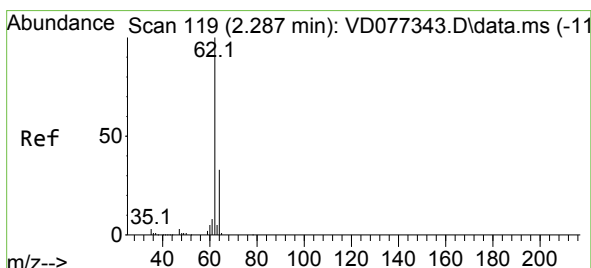
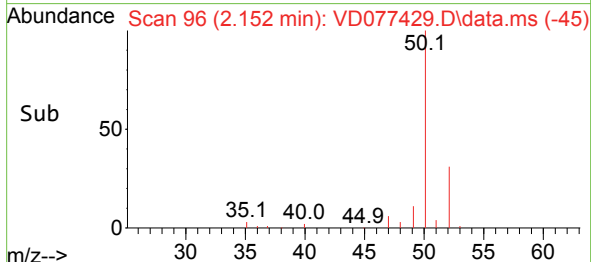
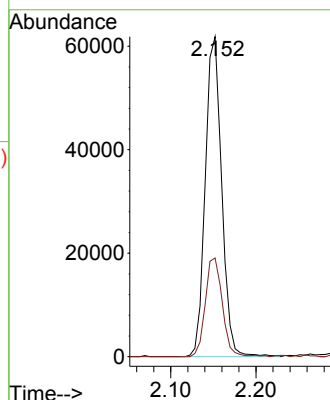
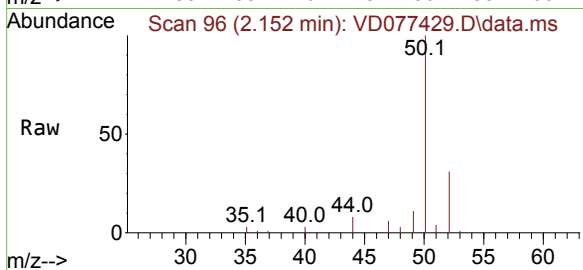
ClientSampleId :

Tgt Ion: 50 Resp: 82837

Ion Ratio Lower Upper

50 100

52 30.8 26.6 40.0



#4

Vinyl Chloride

Concen: 17.242 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD077429.D

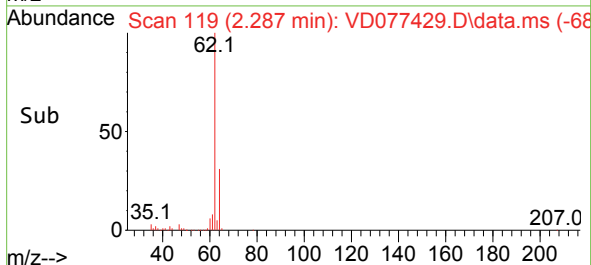
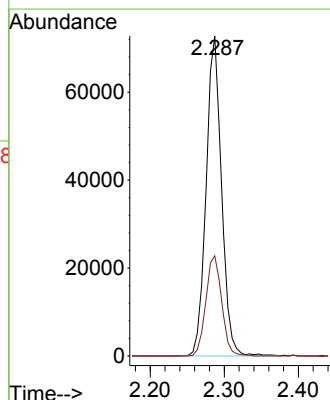
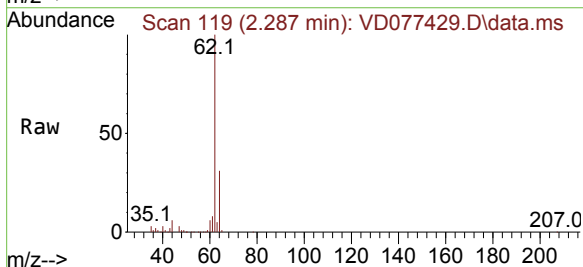
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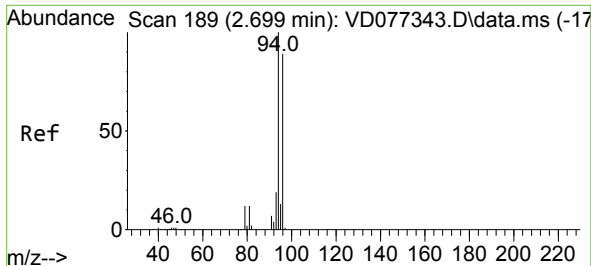
Tgt Ion: 62 Resp: 105273

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0

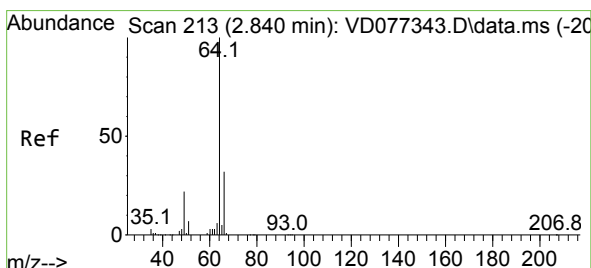
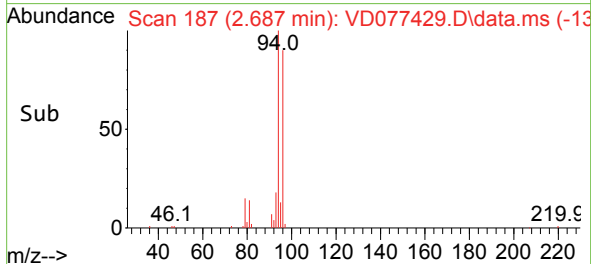
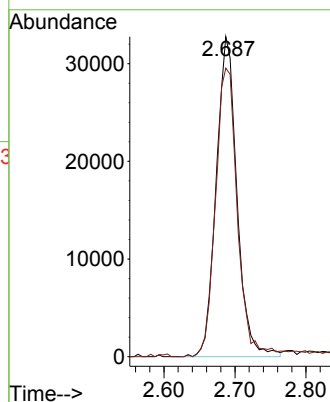
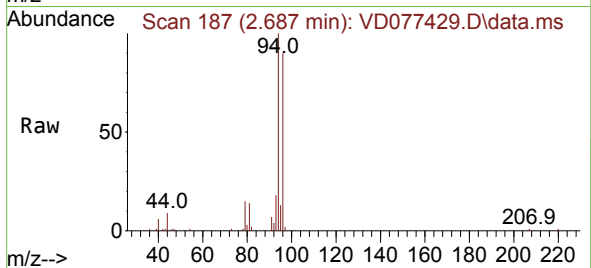




#5
Bromomethane
Concen: 16.912 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

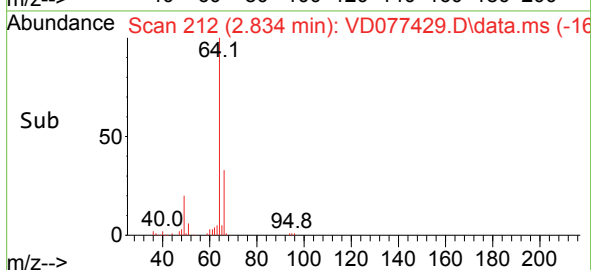
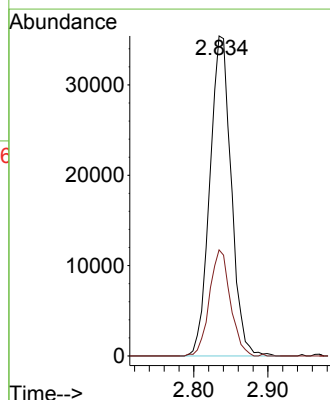
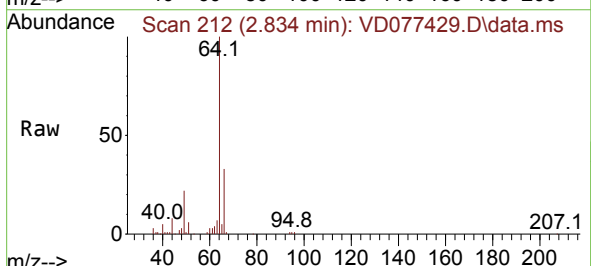
Instrument :
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ClientSampleId :

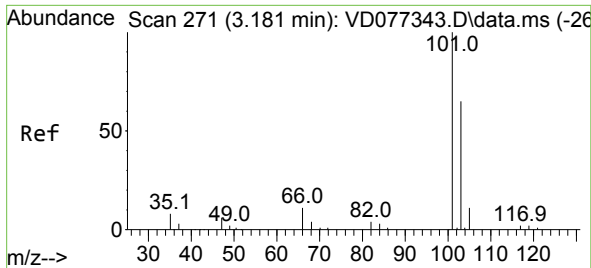
Tgt Ion: 94 Resp: 66358
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 16.530 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 64 Resp: 70951
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

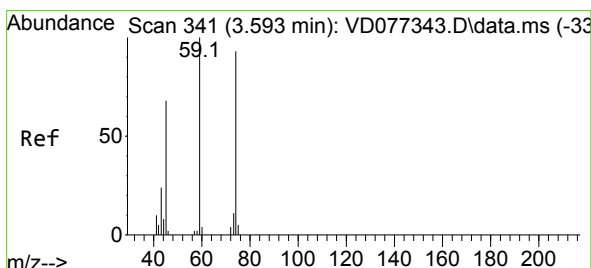
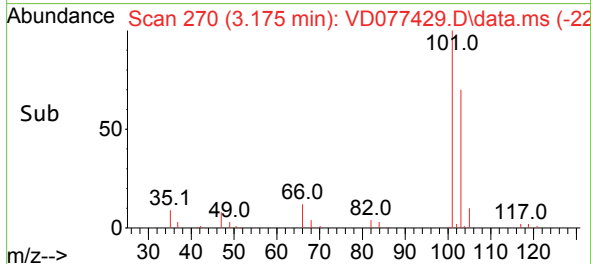
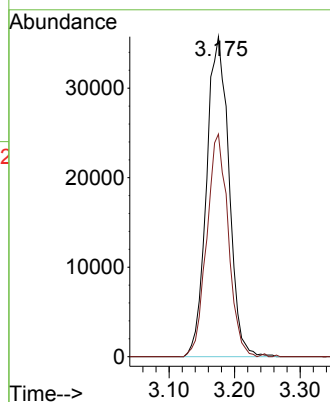
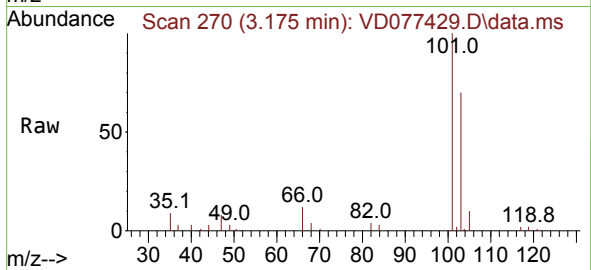




#7
 Trichlorofluoromethane
 Concen: 13.682 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

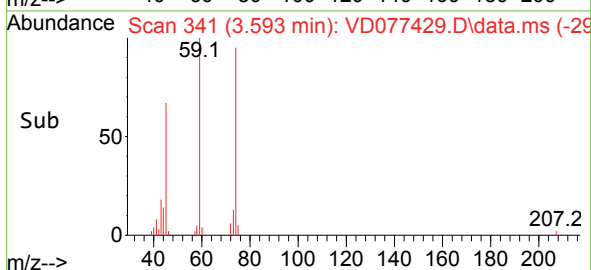
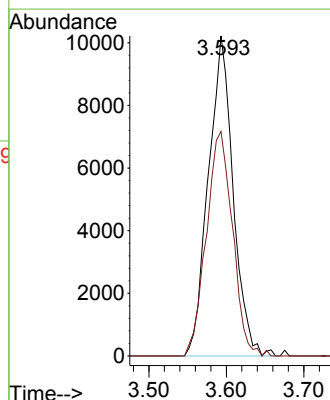
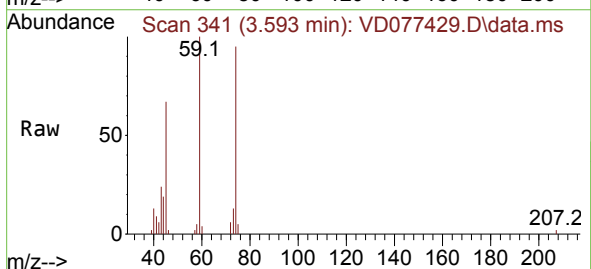
Instrument :
 MSVOA_D
 ClientSampleId :

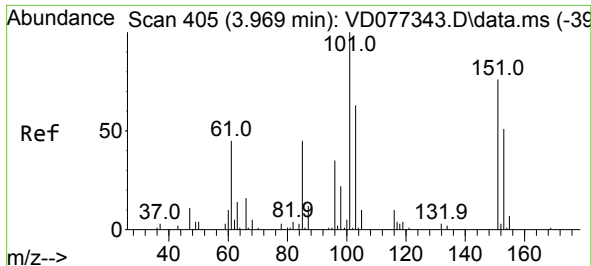
Tgt Ion:101 Resp: 84744
 Ion Ratio Lower Upper
 101 100
 103 69.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 13.669 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

Tgt Ion: 74 Resp: 22692
 Ion Ratio Lower Upper
 74 100
 45 74.3 37.5 112.7

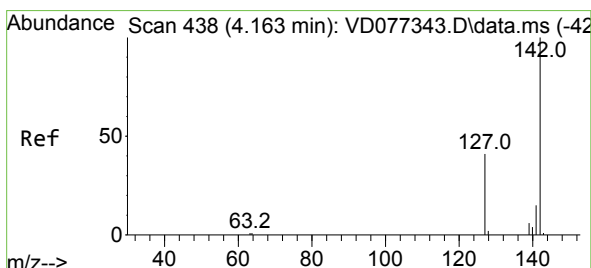
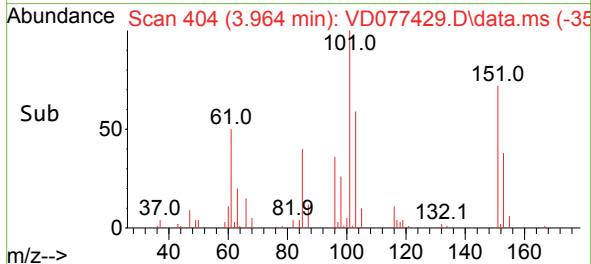
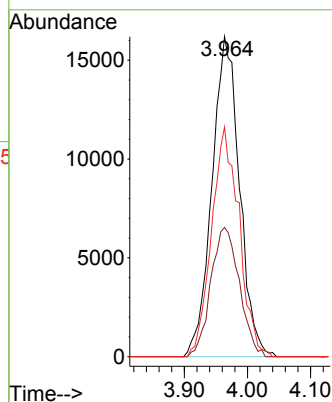
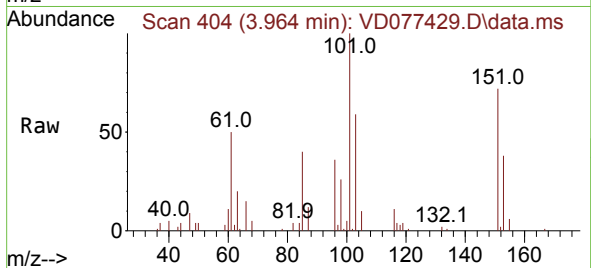




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.274 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

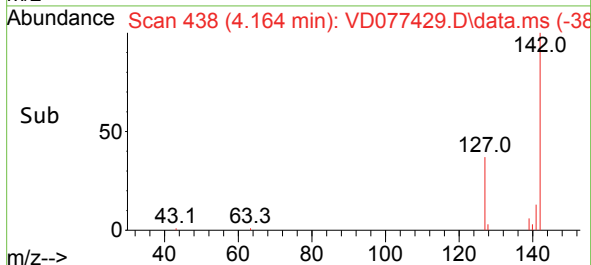
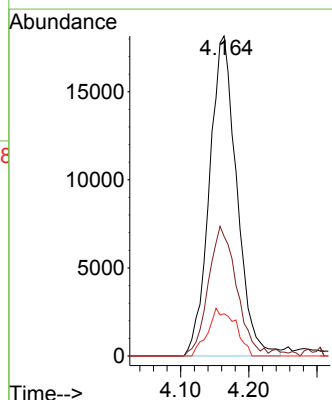
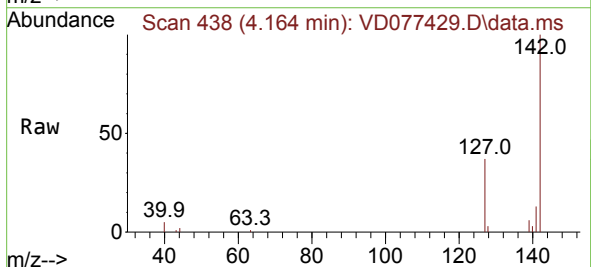
Instrument :
MSVOA_D
ClientSampleId :

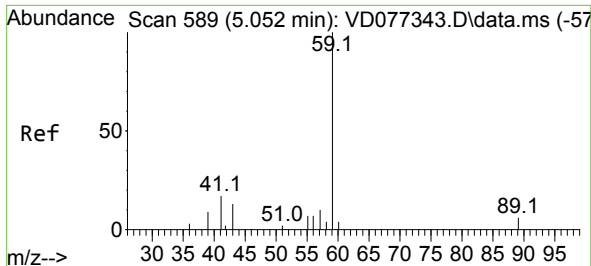
Tgt Ion:101 Resp: 48944
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.6
151 71.6 59.8 89.6



#10
Methyl Iodide
Concen: 12.916 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:142 Resp: 50643
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 15.0 11.1 16.7

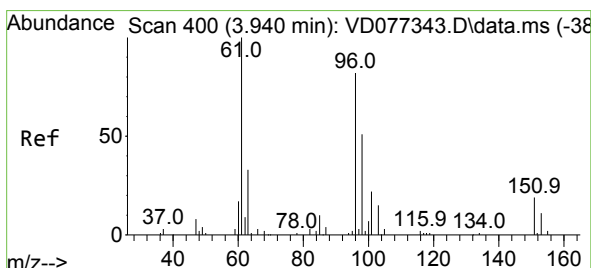
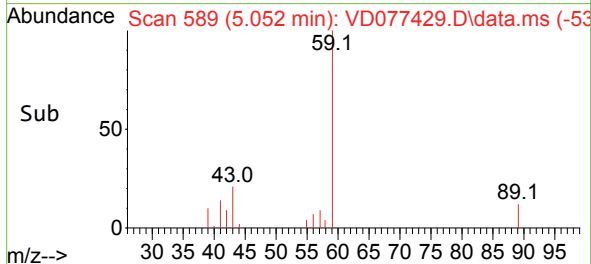
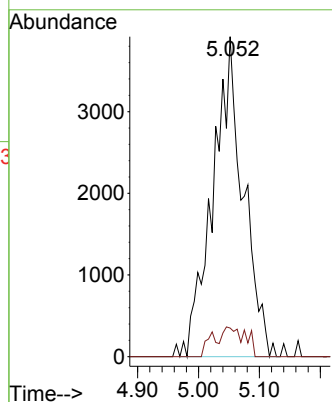
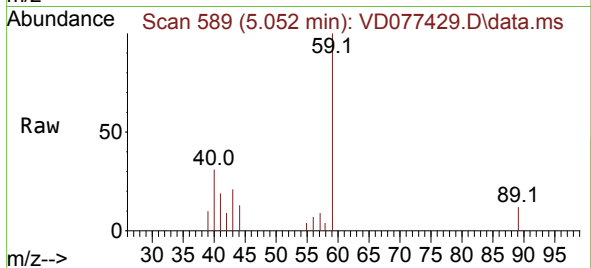




#11
Tert butyl alcohol
Concen: 99.487 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

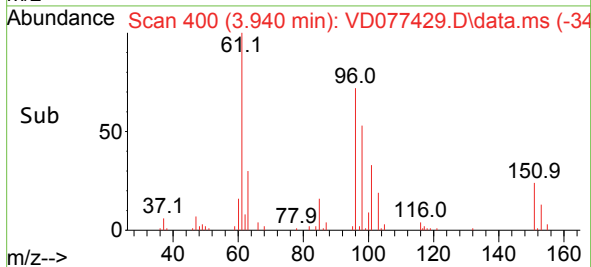
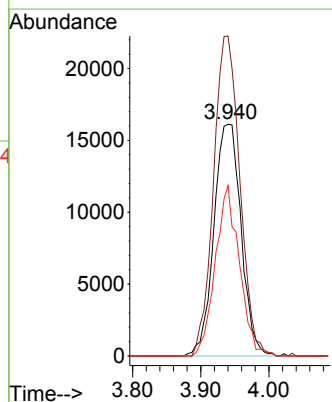
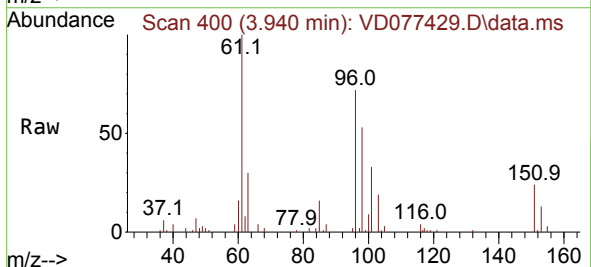
Instrument :
MSVOA_D
ClientSampleId :

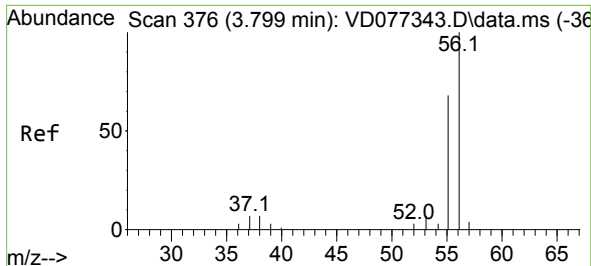
Tgt Ion: 59 Resp: 13644
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 14.211 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 96 Resp: 44672
Ion Ratio Lower Upper
96 100
61 138.2 100.6 150.8
98 73.6 50.2 75.2





#13

Acrolein

Concen: 97.333 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

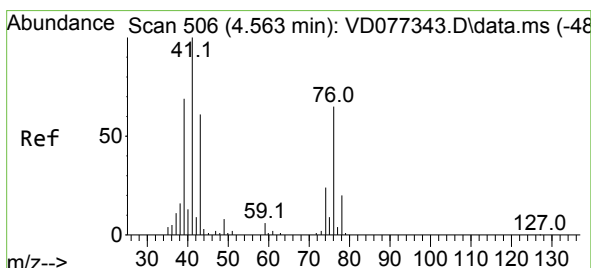
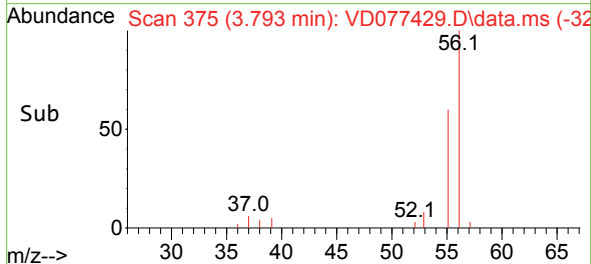
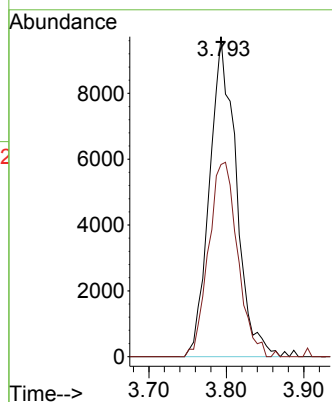
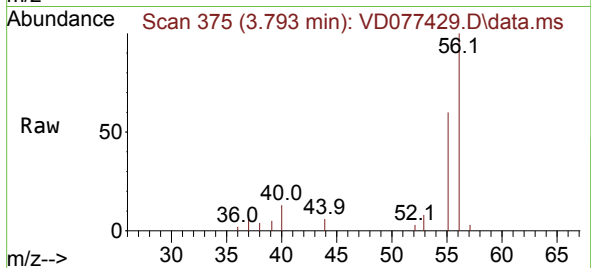
ClientSampleId :

Tgt Ion: 56 Resp: 23172

Ion Ratio Lower Upper

56 100

55 66.2 55.1 82.7



#14

Allyl chloride

Concen: 15.898 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

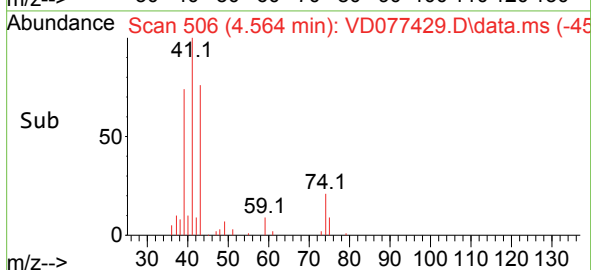
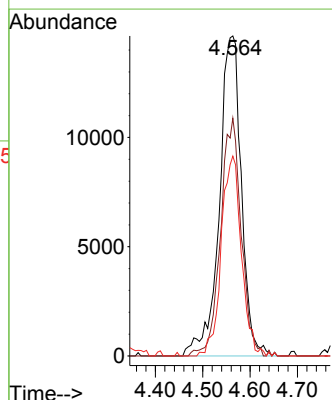
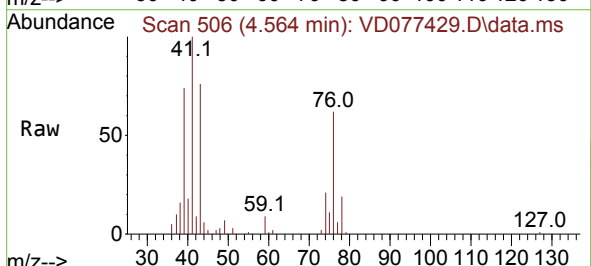
Tgt Ion: 41 Resp: 47418

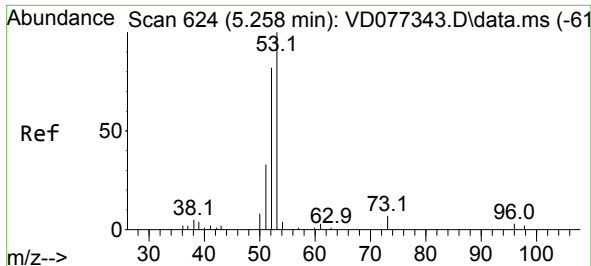
Ion Ratio Lower Upper

41 100

39 69.6 53.8 80.6

76 56.8 45.8 68.8

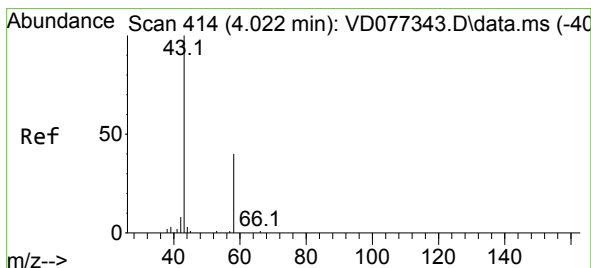
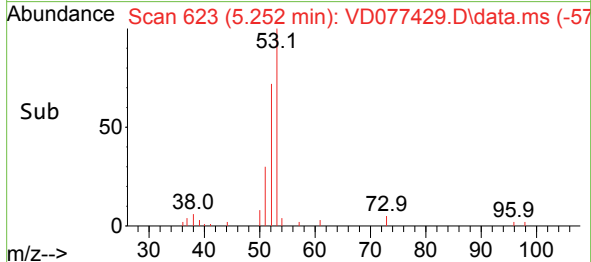
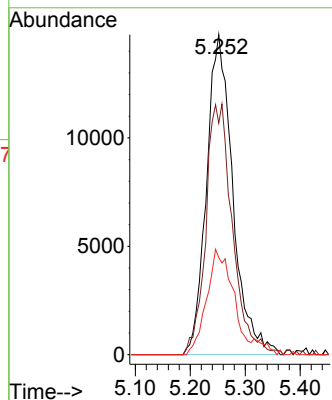
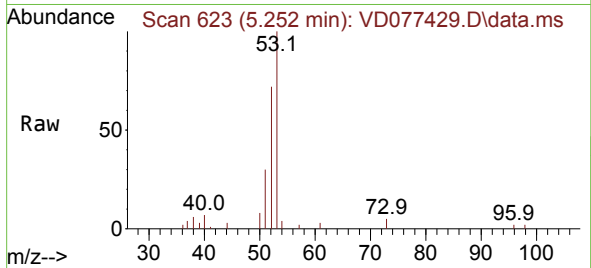




#15
Acrylonitrile
Concen: 97.739 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

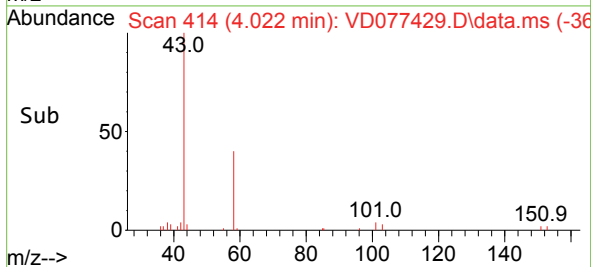
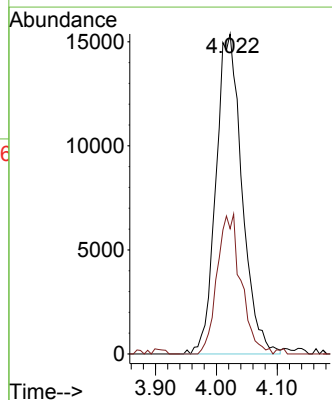
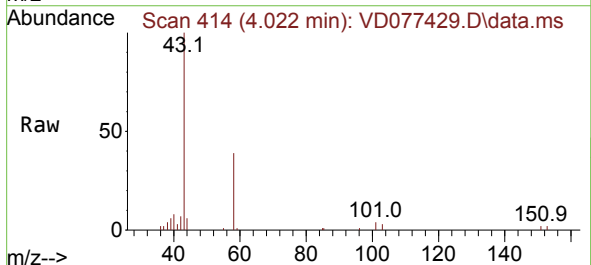
Instrument :
MSVOA_D
ClientSampleId :

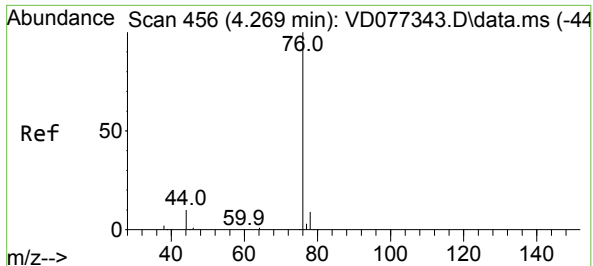
Tgt Ion: 53 Resp: 49170
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.4
51 32.9 28.3 42.5



#16
Acetone
Concen: 85.552 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 43 Resp: 45737
Ion Ratio Lower Upper
43 100
58 39.1 34.7 52.1





#17

Carbon Disulfide

Concen: 13.816 ug/l

RT: 4.264 min Scan# 456

Delta R.T. -0.005 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

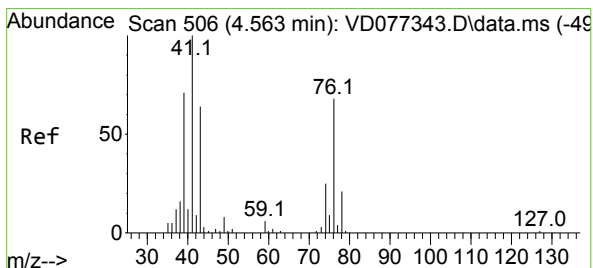
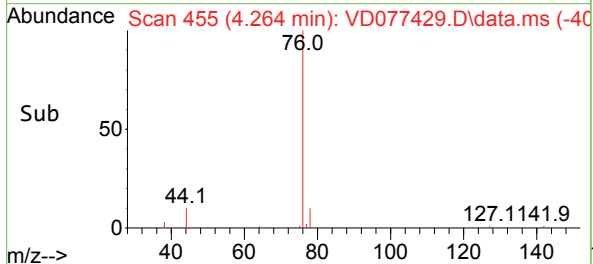
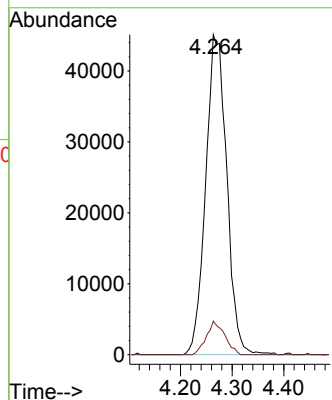
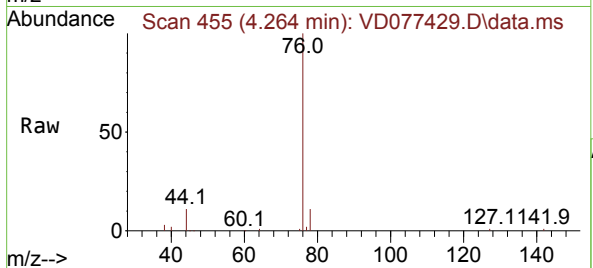
ClientSampleId :

Tgt Ion: 76 Resp: 127671

Ion Ratio Lower Upper

76 100

78 10.5 6.8 10.2#



#18

Methyl Acetate

Concen: 17.221 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077429.D

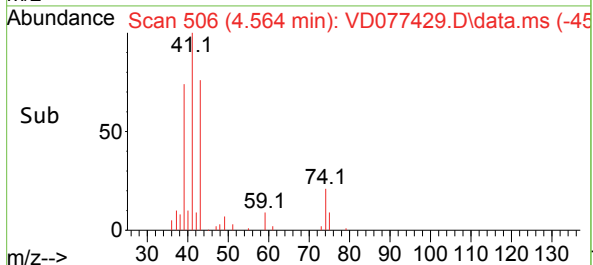
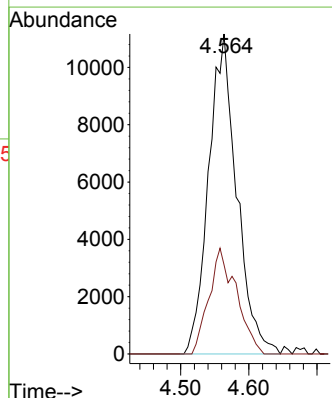
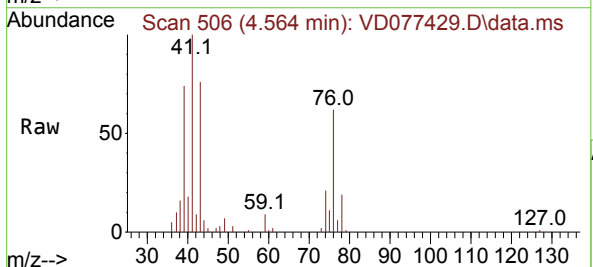
Acq: 26 Oct 2023 15:22

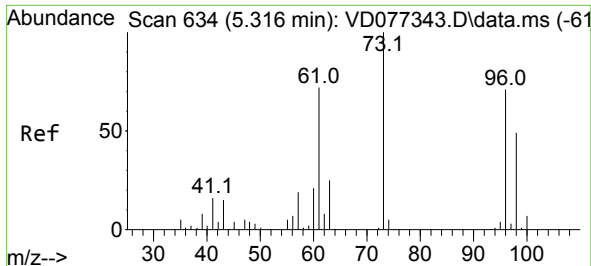
Tgt Ion: 43 Resp: 32041

Ion Ratio Lower Upper

43 100

74 32.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 17.899 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

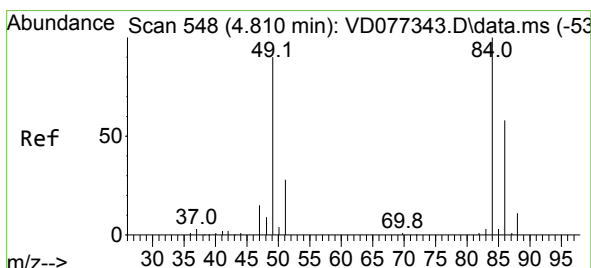
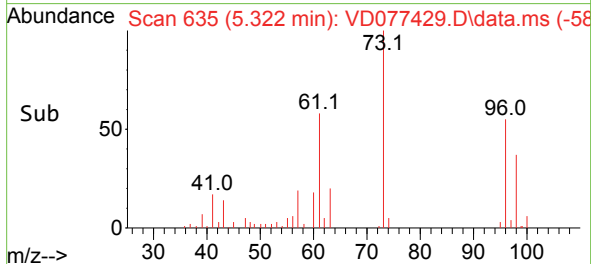
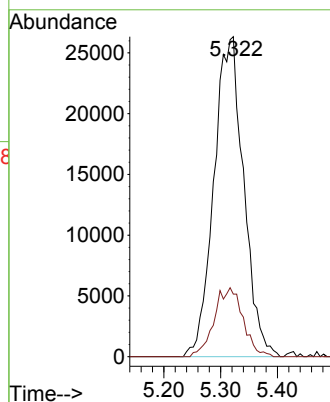
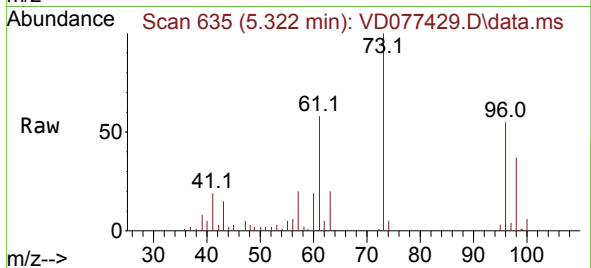
ClientSampleId :

Tgt Ion: 73 Resp: 95836

Ion Ratio Lower Upper

73 100

57 19.5 16.6 25.0



#20

Methylene Chloride

Concen: 20.146 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.017 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Tgt Ion: 84 Resp: 74403

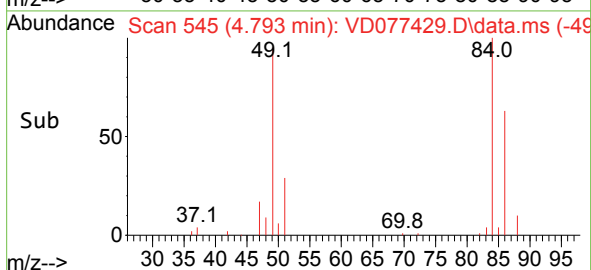
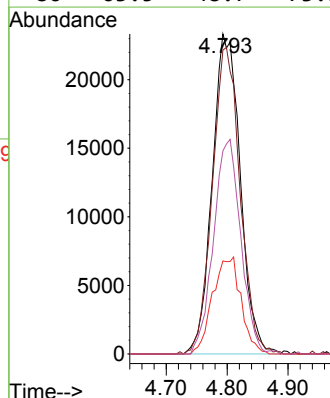
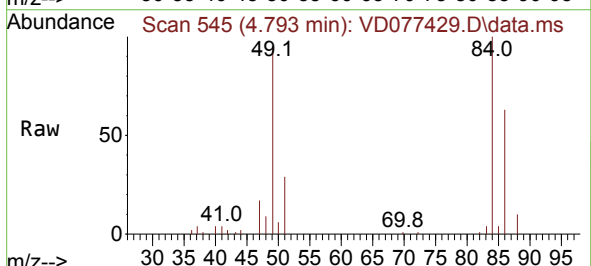
Ion Ratio Lower Upper

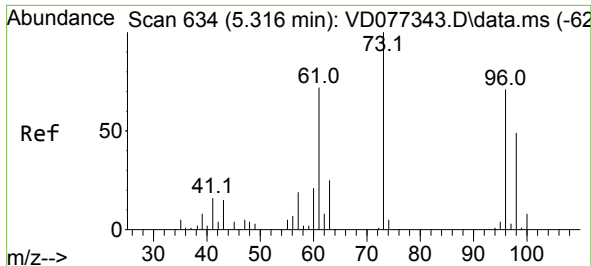
84 100

49 94.3 71.4 107.2

51 29.1 24.5 36.7

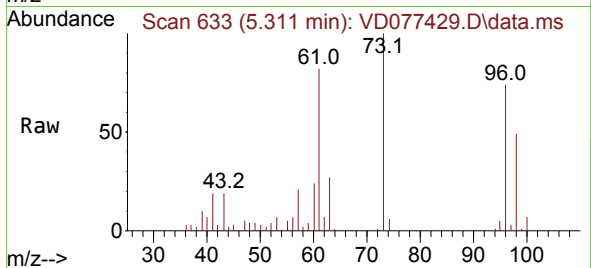
86 63.5 48.7 73.1



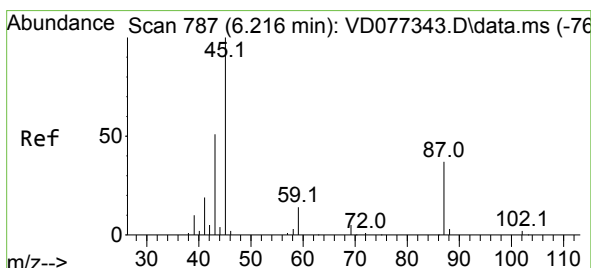
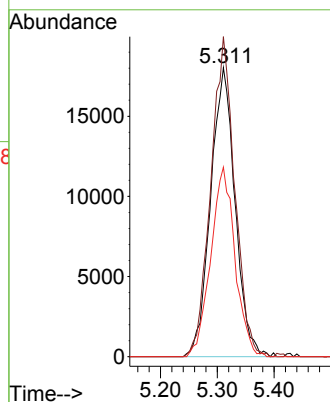
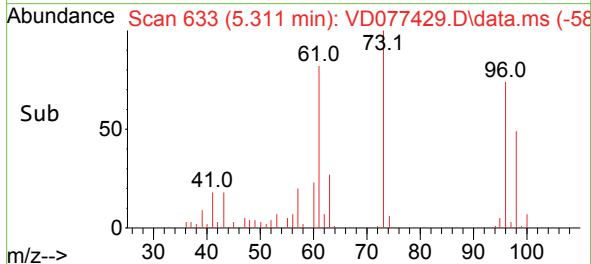


#21
trans-1,2-Dichloroethene
Concen: 16.468 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

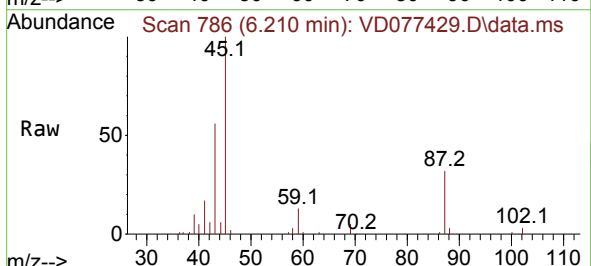
Instrument :
MSVOA_D
ClientSampleId :



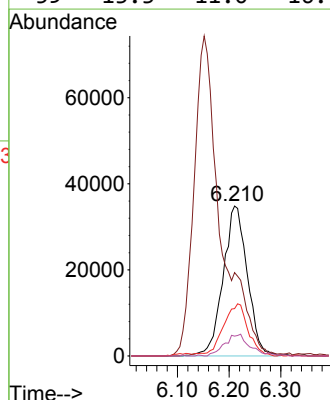
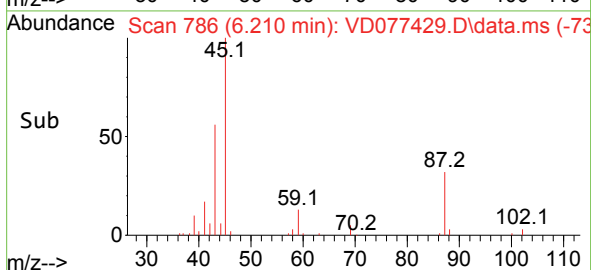
Tgt Ion: 96 Resp: 53845
Ion Ratio Lower Upper
96 100
61 110.7 89.3 133.9
98 65.5 48.6 73.0

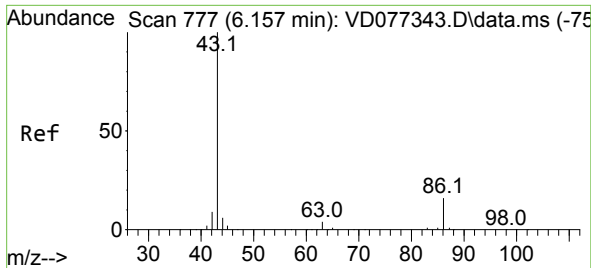


#22
Diisopropyl ether
Concen: 19.384 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22



Tgt Ion: 45 Resp: 113495
Ion Ratio Lower Upper
45 100
43 54.1 40.0 60.0
87 31.0 28.2 42.4
59 13.3 11.0 16.4

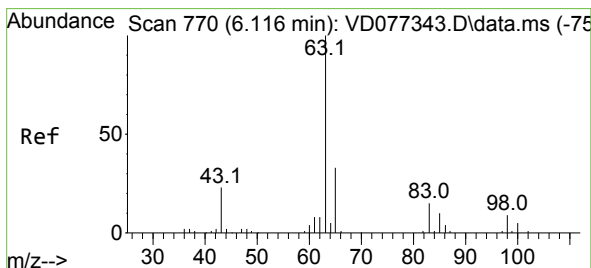
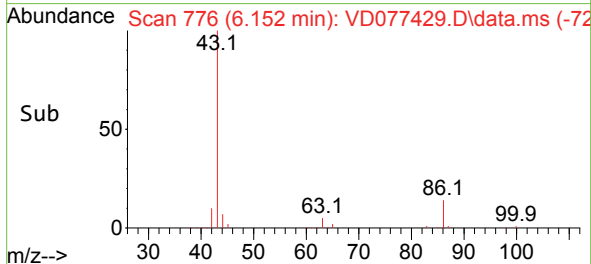
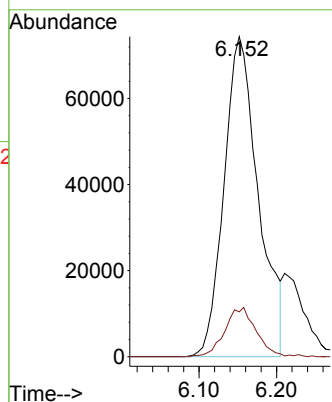
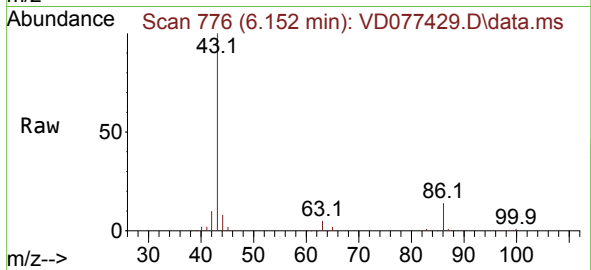




#23
 Vinyl Acetate
 Concen: 83.605 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

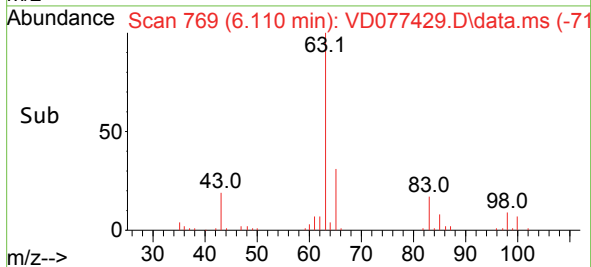
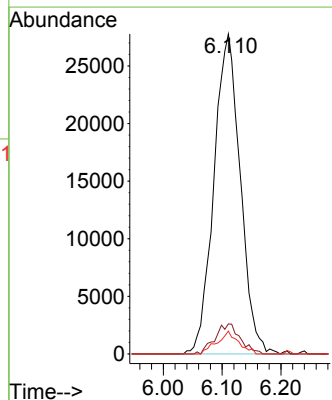
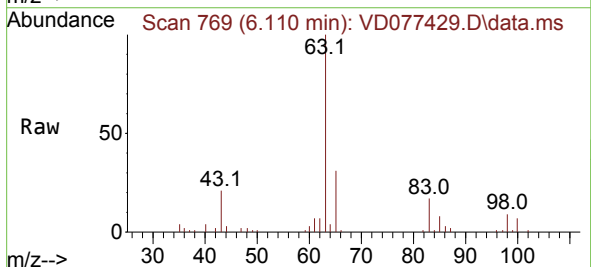
Instrument :
 MSVOA_D
 ClientSampleId :

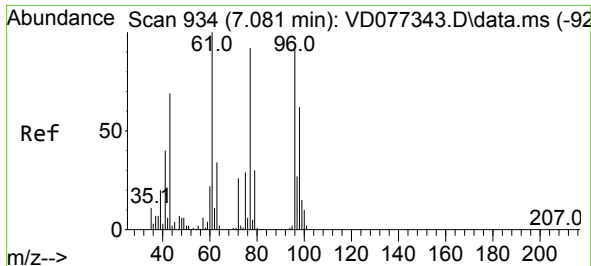
Tgt Ion: 43 Resp: 229403
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 17.795 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

Tgt Ion: 63 Resp: 86631
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.5 13.7
 100 7.2 2.5 7.5





#25

2-Butanone

Concen: 101.596 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

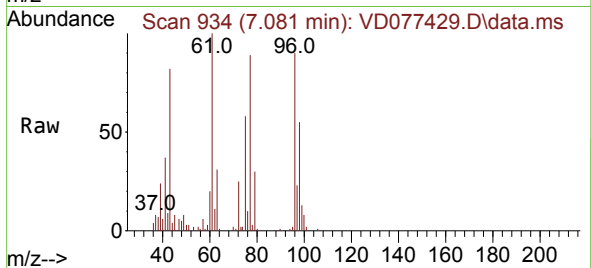
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

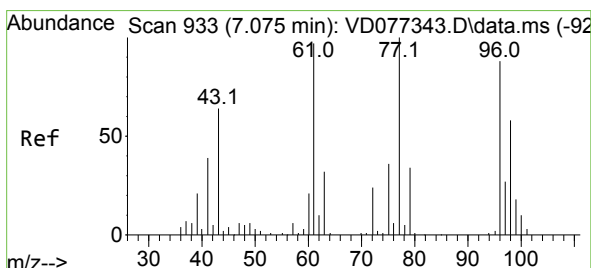
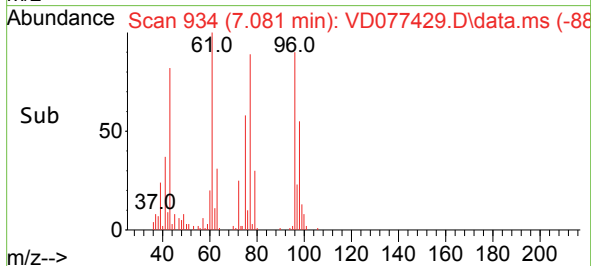
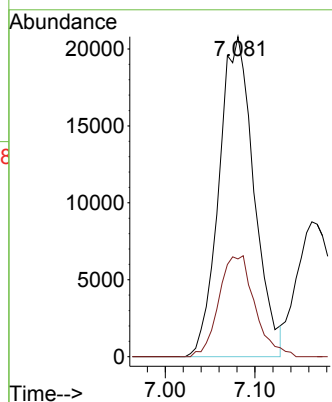


Tgt Ion: 43 Resp: 56342

Ion Ratio Lower Upper

43 100

72 30.5 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 17.730 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077429.D

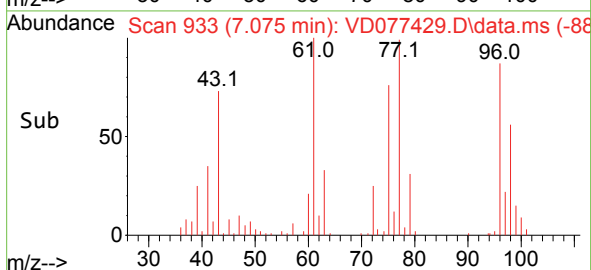
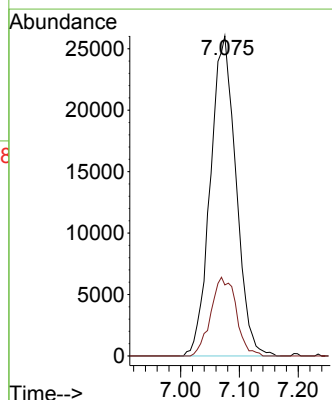
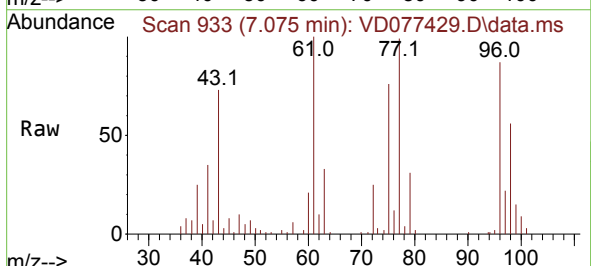
Acq: 26 Oct 2023 15:22

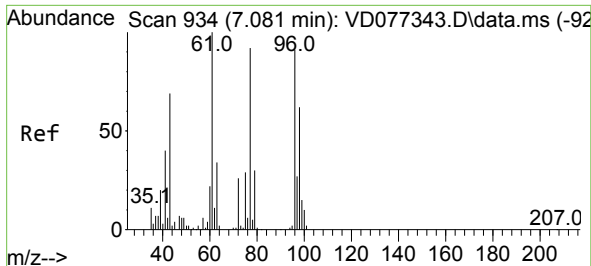
Tgt Ion: 77 Resp: 78702

Ion Ratio Lower Upper

77 100

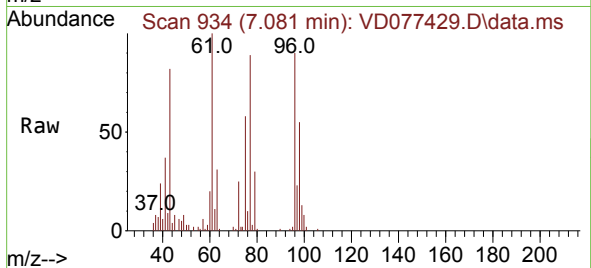
97 24.3 13.2 39.6





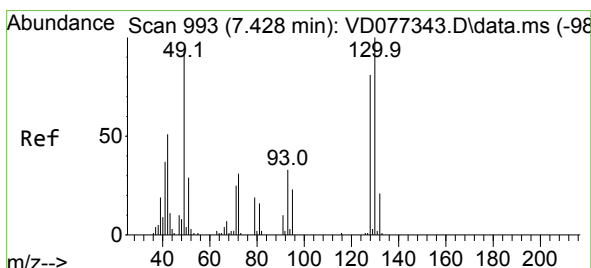
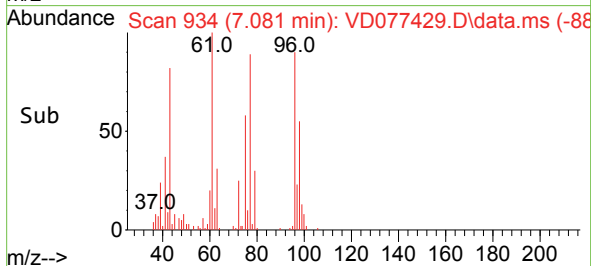
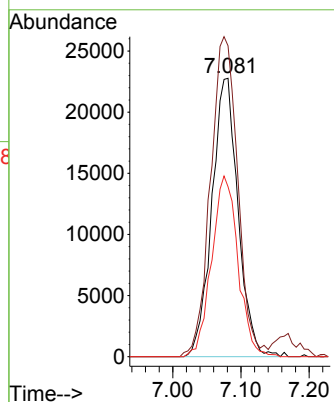
#27
 cis-1,2-Dichloroethene
 Concen: 16.583 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 60795

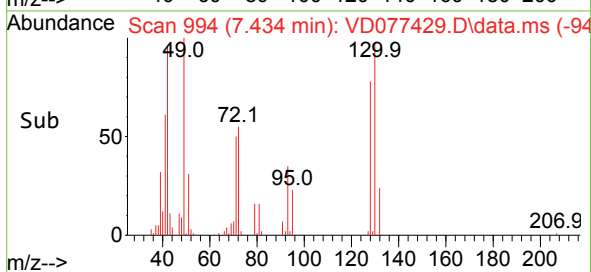
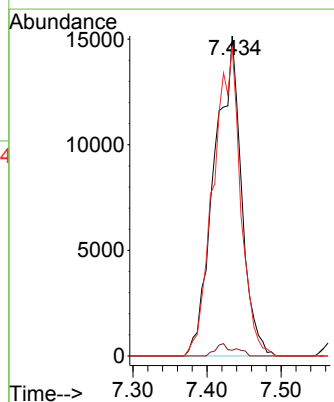
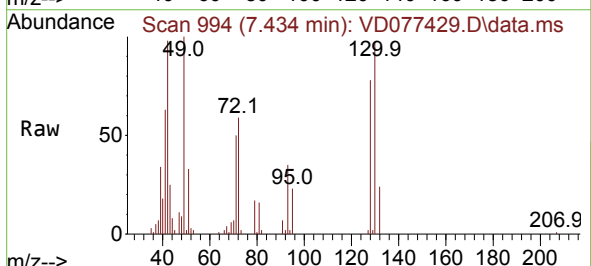
Ion	Ratio	Lower	Upper
96	100		
61	119.7	0.0	239.2
98	65.6	0.0	128.6

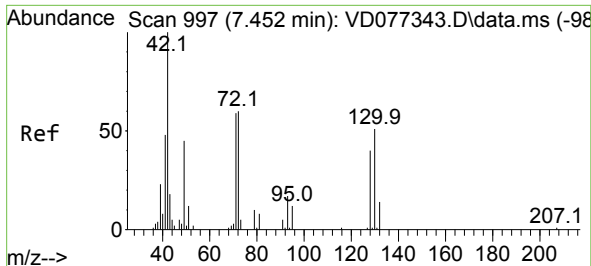


#28
 Bromochloromethane
 Concen: 21.552 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

Tgt Ion: 49 Resp: 38326

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	6.0
130	97.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 139.942 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

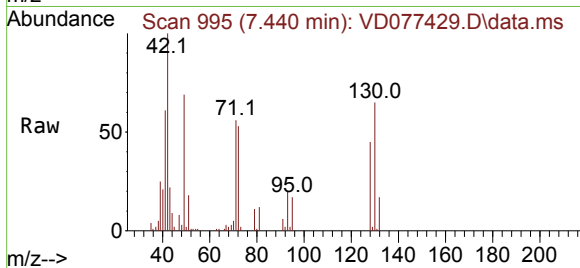
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :



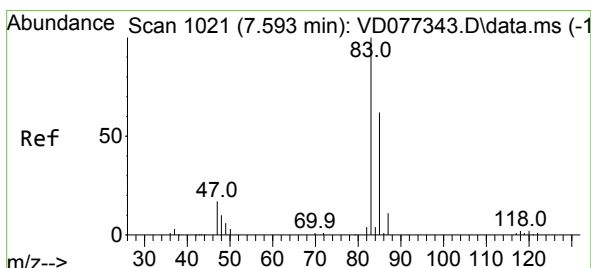
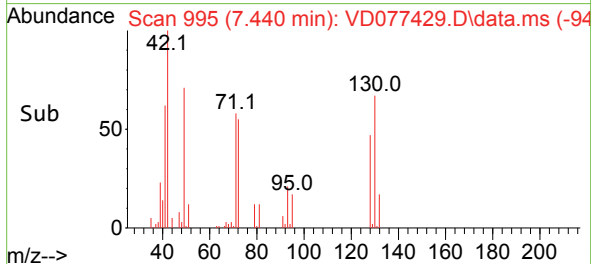
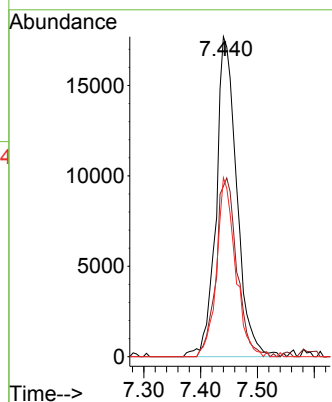
Tgt Ion: 42 Resp: 44768

Ion Ratio Lower Upper

42 100

72 56.5 46.5 69.7

71 51.2 44.5 66.7



#30

Chloroform

Concen: 21.864 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077429.D

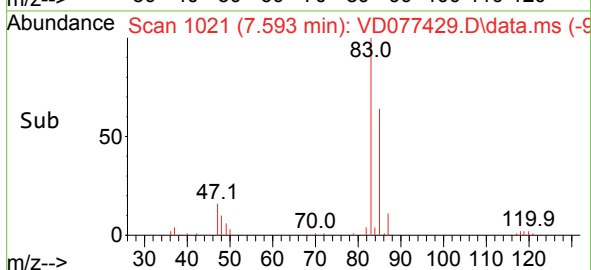
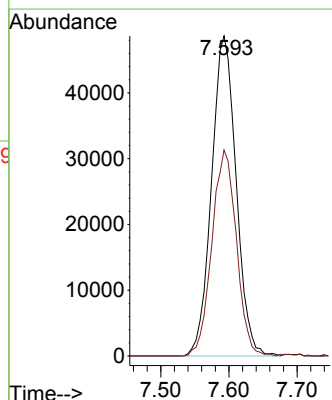
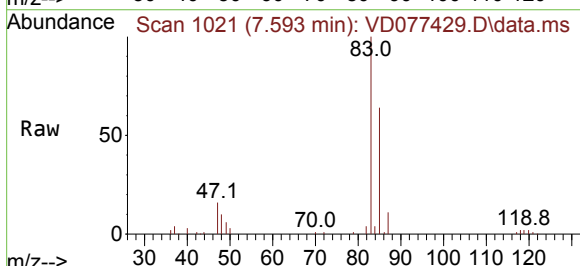
Acq: 26 Oct 2023 15:22

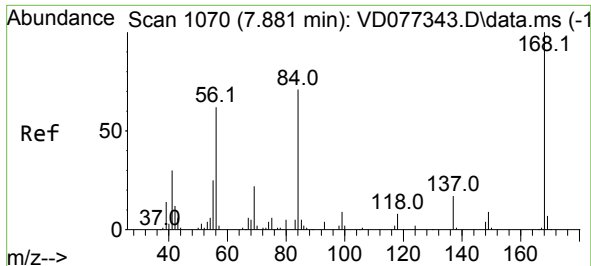
Tgt Ion: 83 Resp: 122119

Ion Ratio Lower Upper

83 100

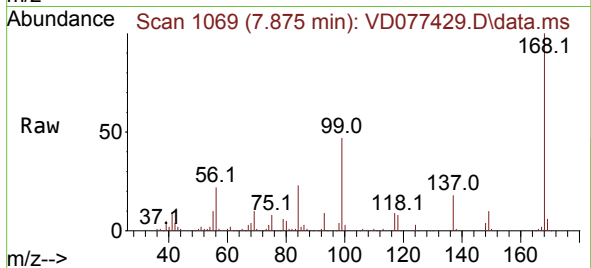
85 64.4 53.4 80.2



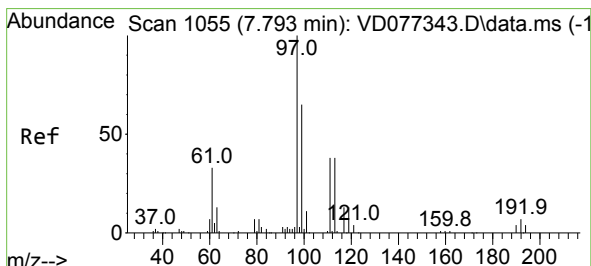
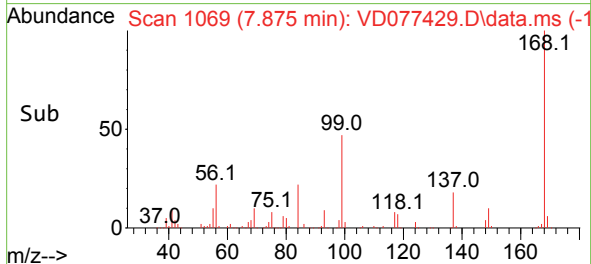
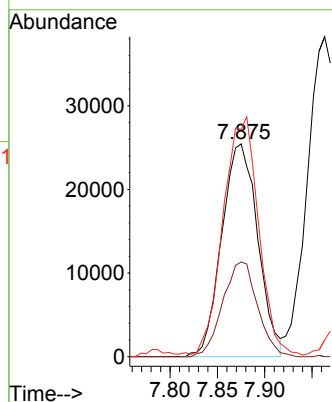


#31
Cyclohexane
Concen: 17.771 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

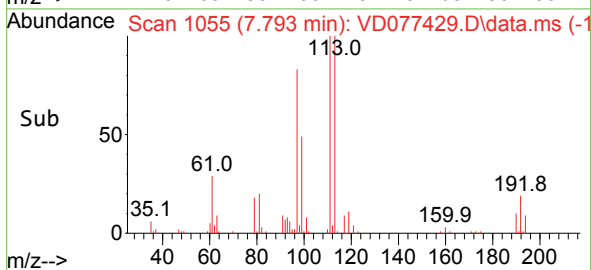
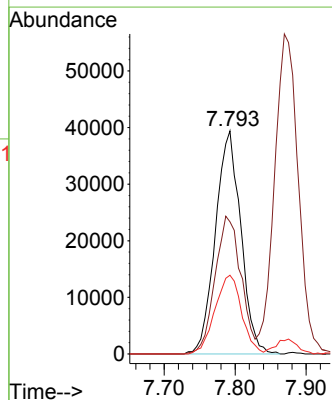
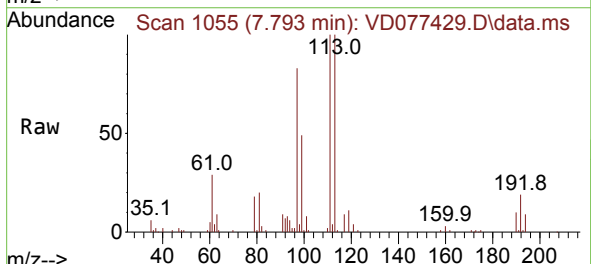


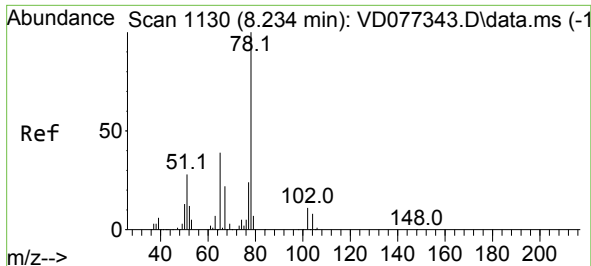
Tgt Ion: 56 Resp: 67409
Ion Ratio Lower Upper
56 100
69 44.5 28.6 43.0#
84 105.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.332 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 97 Resp: 97973
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 37.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 42.105 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

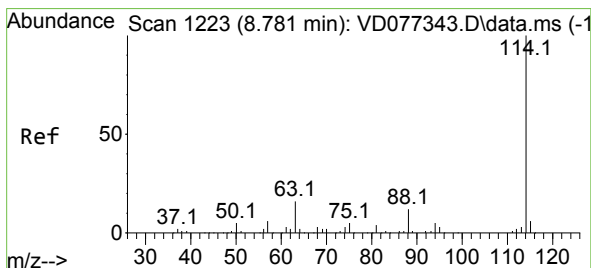
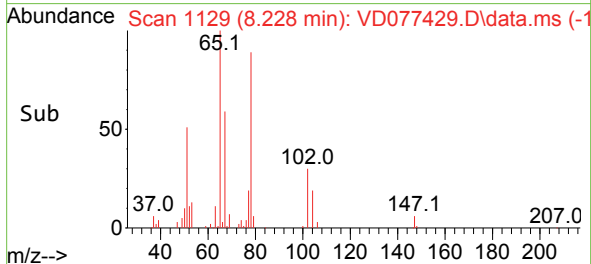
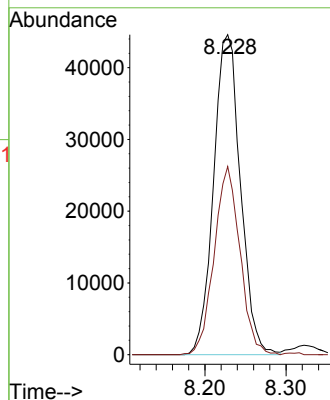
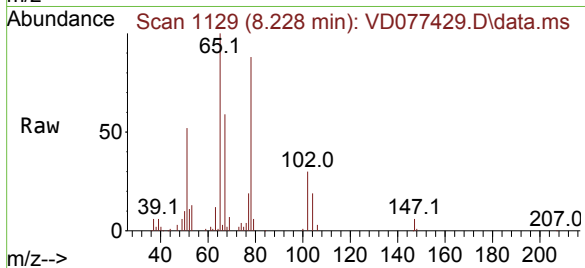
ClientSampleId :

Tgt Ion: 65 Resp: 102649

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

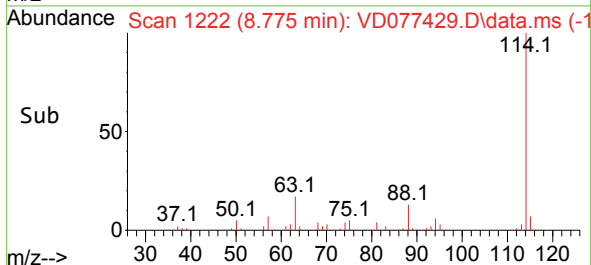
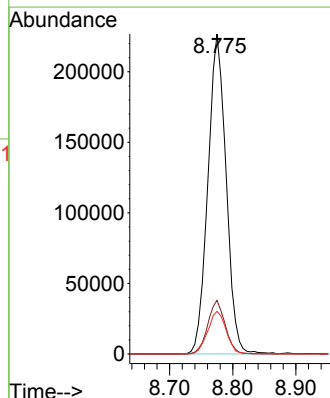
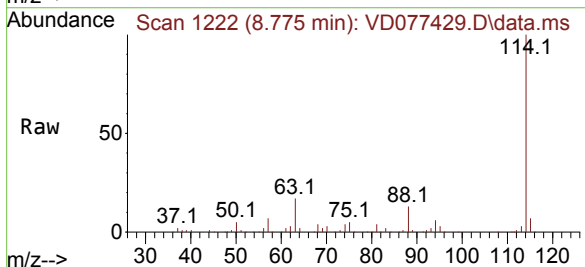
Tgt Ion: 114 Resp: 454867

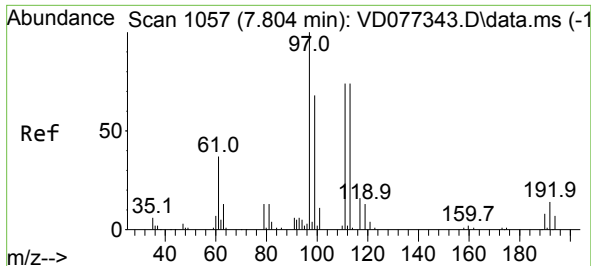
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

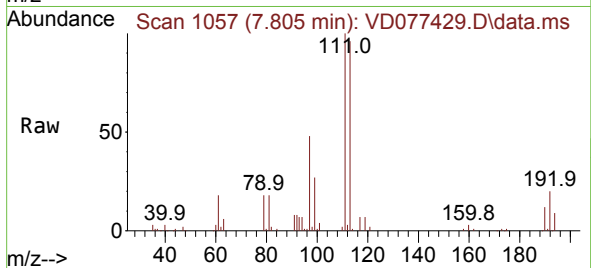
88 13.3 0.0 26.2



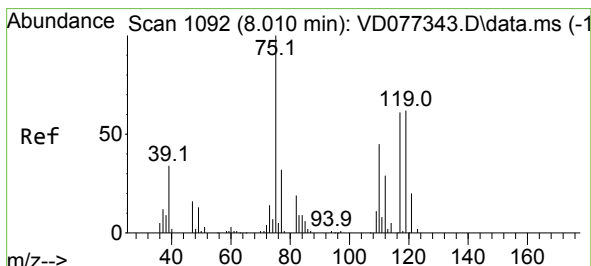
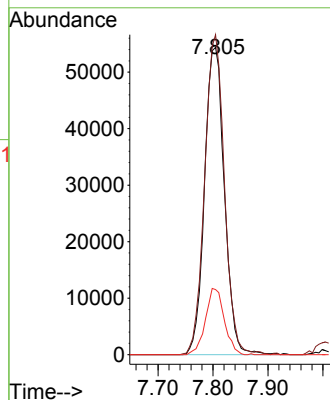
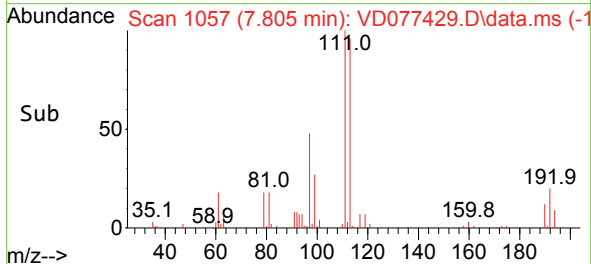


#35
Dibromofluoromethane
Concen: 42.763 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

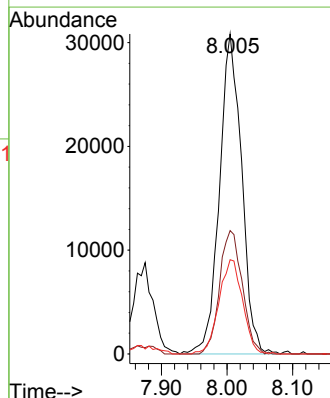
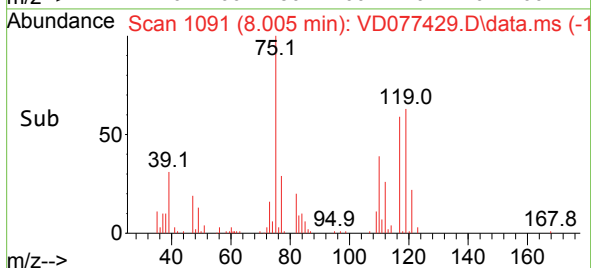
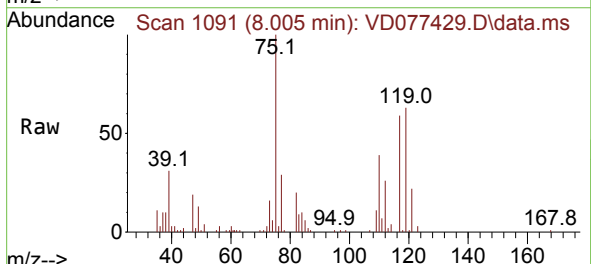


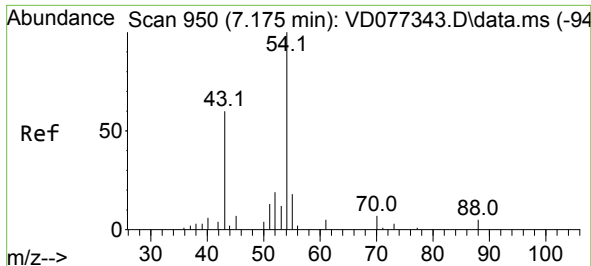
Tgt Ion:113 Resp: 136655
Ion Ratio Lower Upper
113 100
111 103.6 84.7 127.1
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.223 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 75 Resp: 72321
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.6
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.933 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

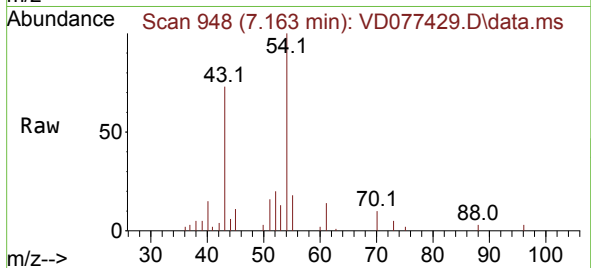
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

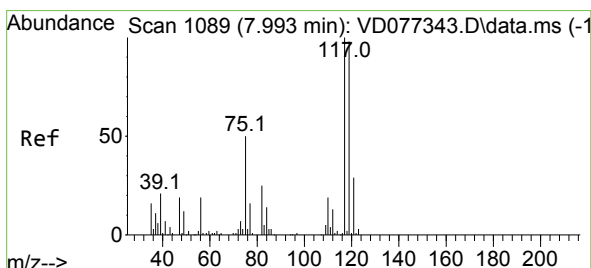
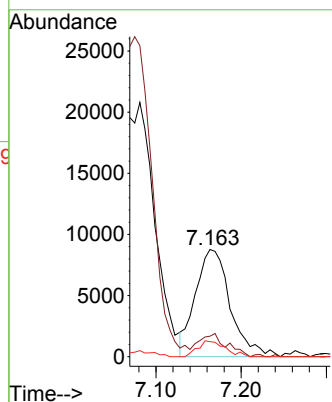
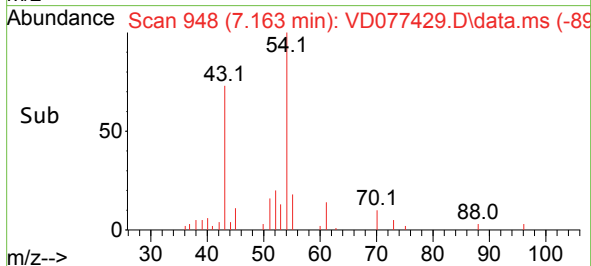
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 24972
Ion Ratio	Lower Upper
43	100
61	17.0 14.9 22.3
70	11.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 17.043 ug/l

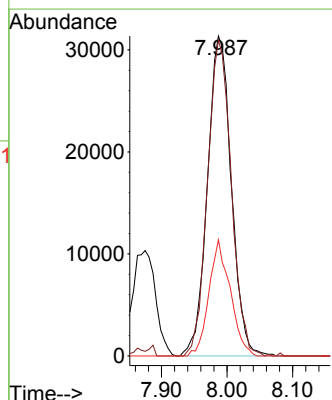
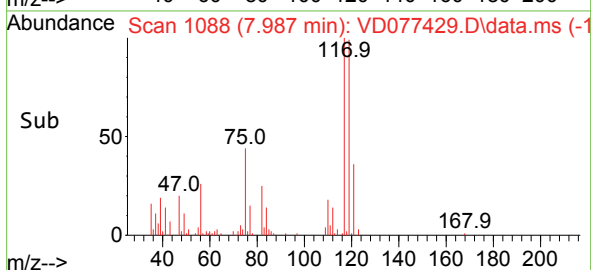
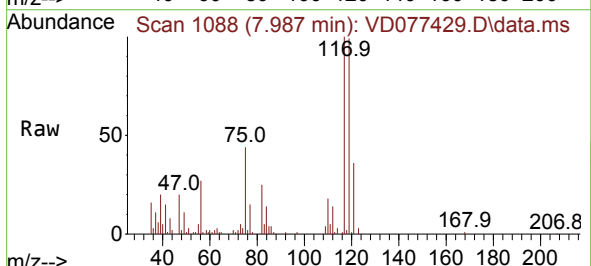
RT: 7.987 min Scan# 1088

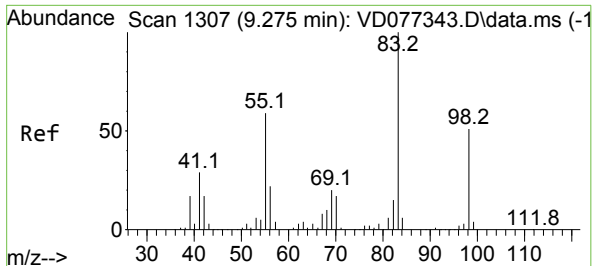
Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Tgt Ion: 117	Resp: 79610
Ion Ratio	Lower Upper
117	100
119	98.6 78.0 117.0
121	36.3 24.2 36.2#





#39

Methylcyclohexane

Concen: 15.513 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

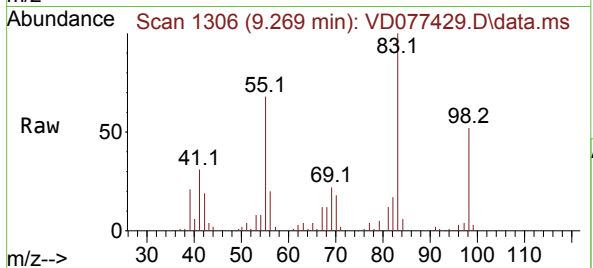
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

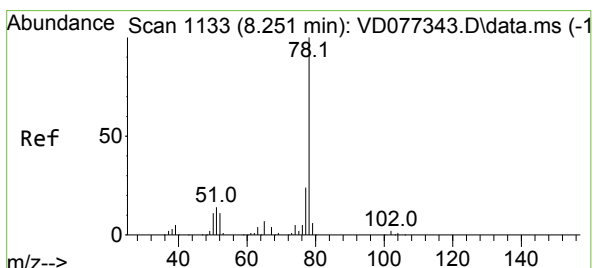
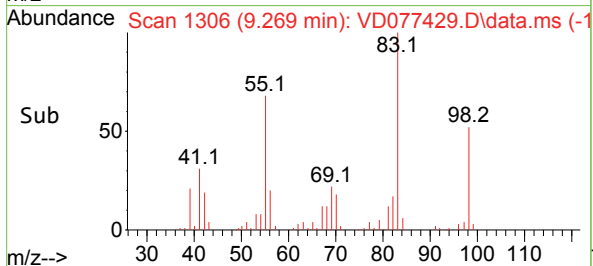
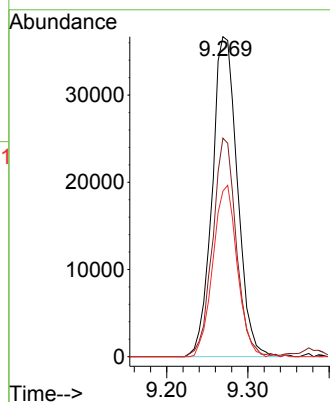
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 79148
Ion Ratio	Lower Upper
83	100
55	68.3 49.4 74.0
98	51.7 38.4 57.6



#40

Benzene

Concen: 17.394 ug/l

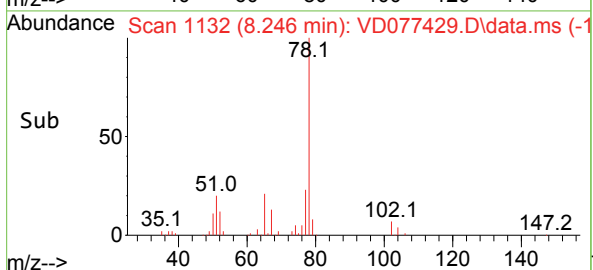
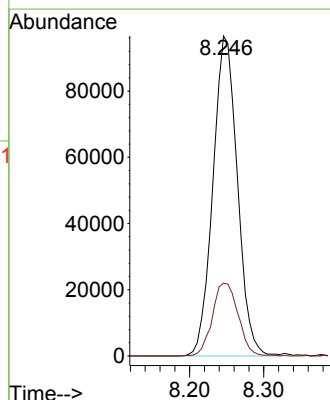
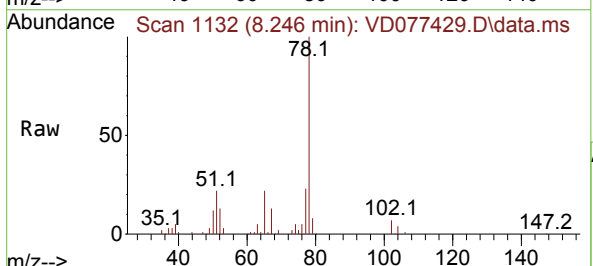
RT: 8.246 min Scan# 1132

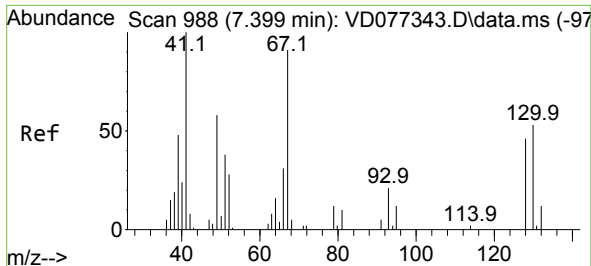
Delta R.T. -0.005 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

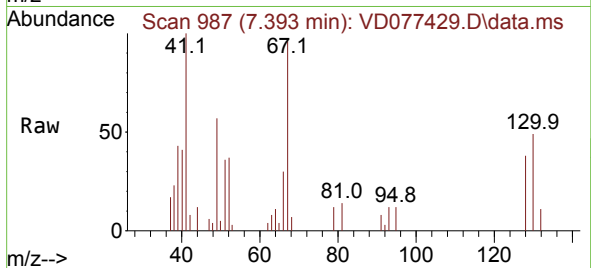
Tgt Ion: 78	Resp: 221651
Ion Ratio	Lower Upper
78	100
77	22.8 19.4 29.0



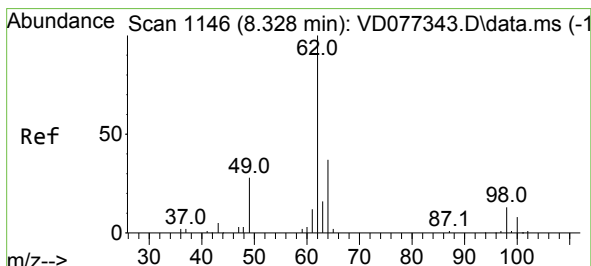
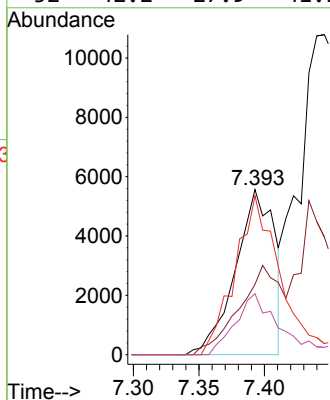
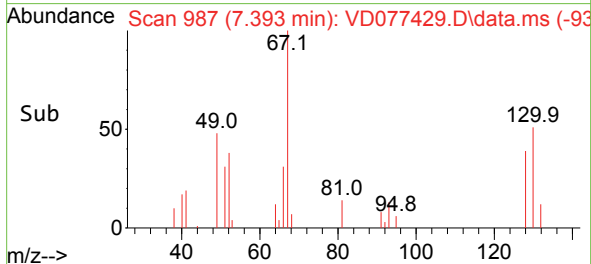


#41
Methacrylonitrile
Concen: 18.269 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

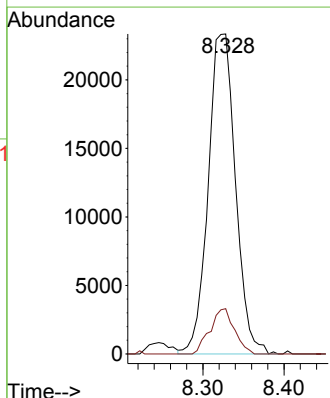
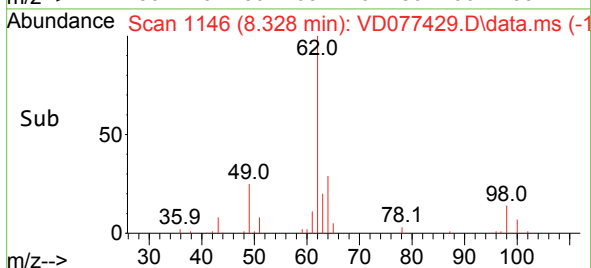
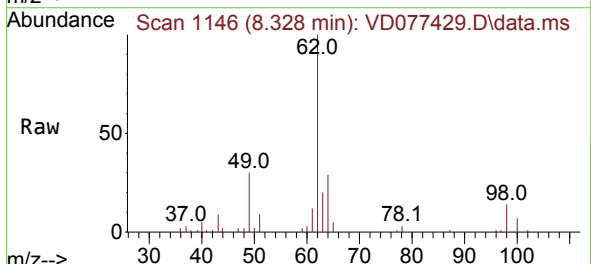


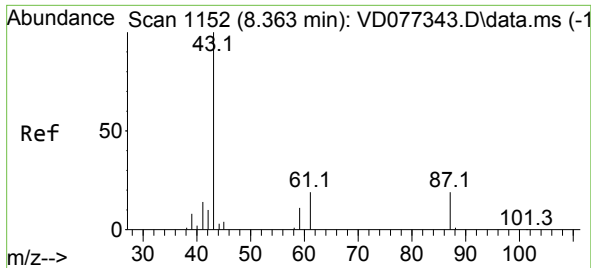
Tgt Ion: 41 Resp: 11500
Ion Ratio Lower Upper
41 100
39 58.7 34.0 51.0#
67 112.2 77.0 115.4
52 42.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 18.194 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 62 Resp: 54609
Ion Ratio Lower Upper
62 100
98 12.6 0.0 25.4

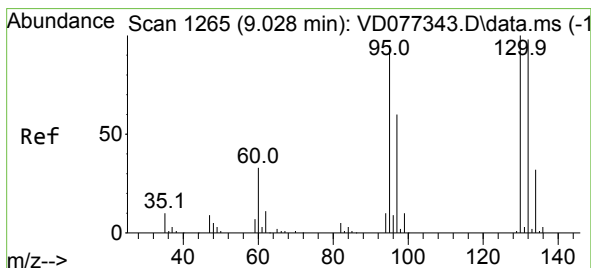
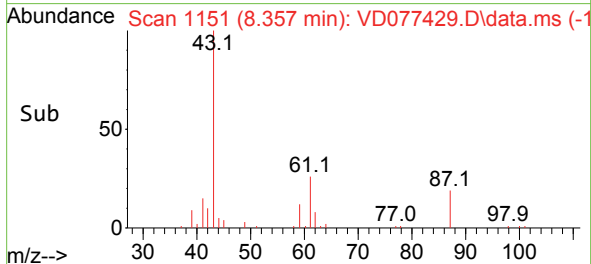
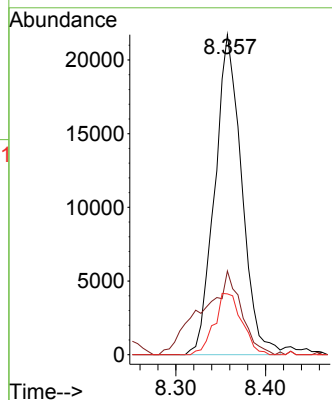
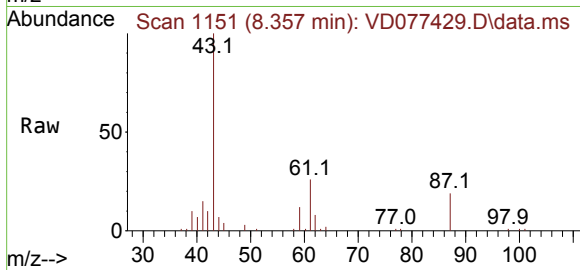




#43
Isopropyl Acetate
Concen: 19.024 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

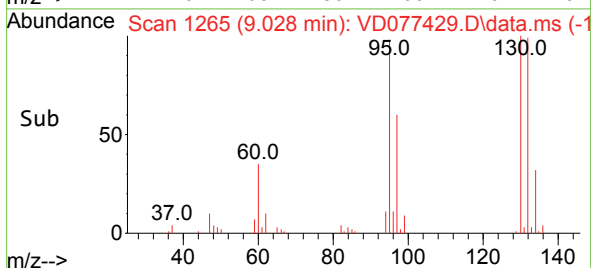
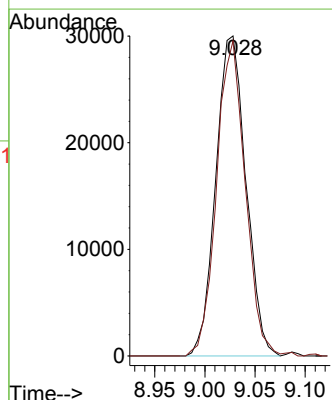
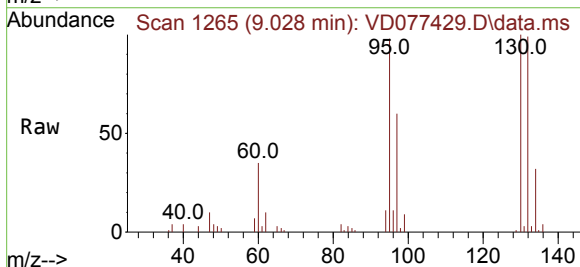
Instrument :
MSVOA_D
ClientSampleId :

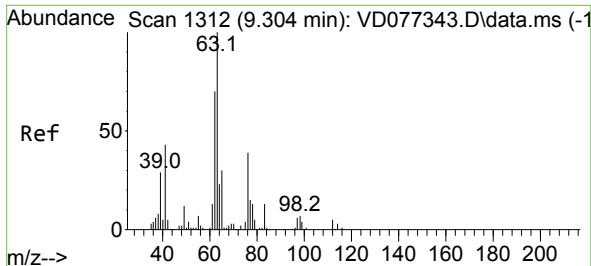
Tgt Ion: 43 Resp: 45172
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 19.6 14.9 22.3



#44
Trichloroethene
Concen: 16.852 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:130 Resp: 62785
Ion Ratio Lower Upper
130 100
95 98.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 17.961 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

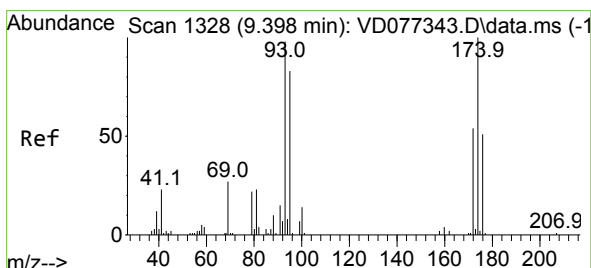
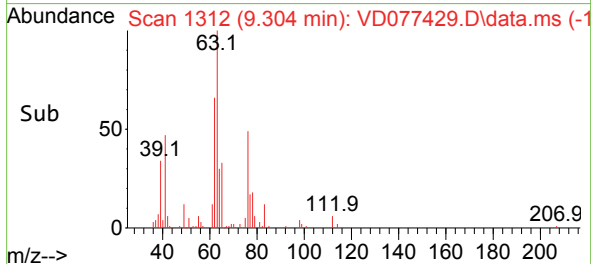
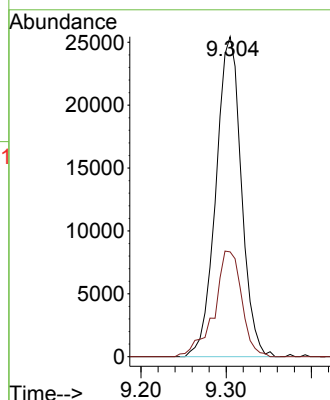
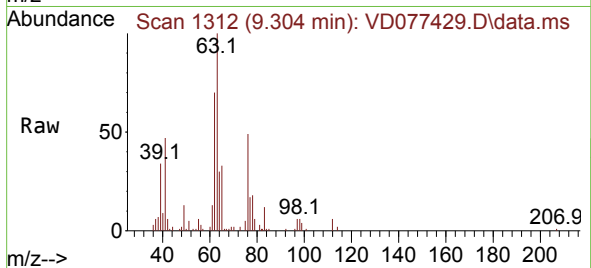
ClientSampleId :

Tgt Ion: 63 Resp: 52758

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 17.517 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

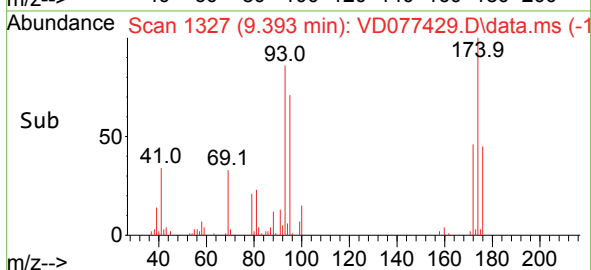
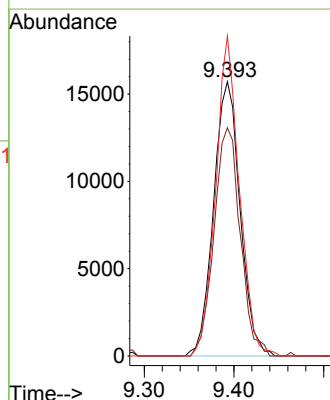
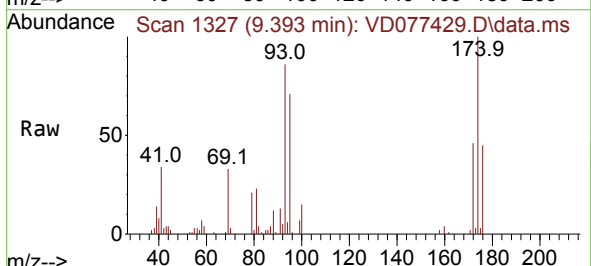
Tgt Ion: 93 Resp: 32169

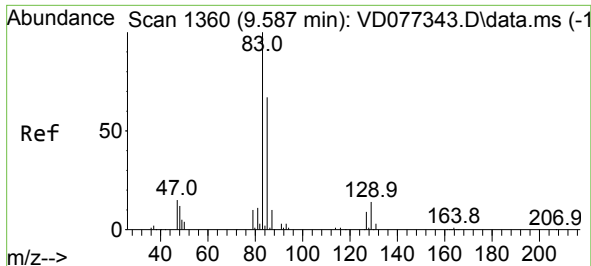
Ion Ratio Lower Upper

93 100

95 82.5 67.7 101.5

174 104.4 85.4 128.2

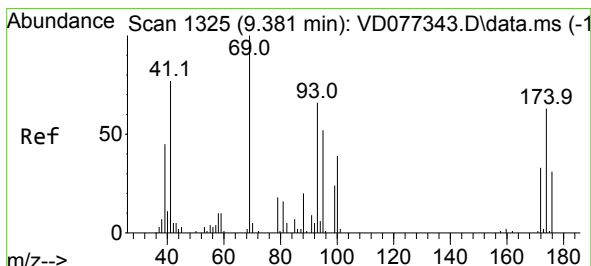
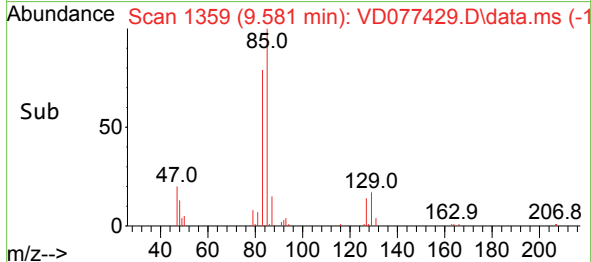
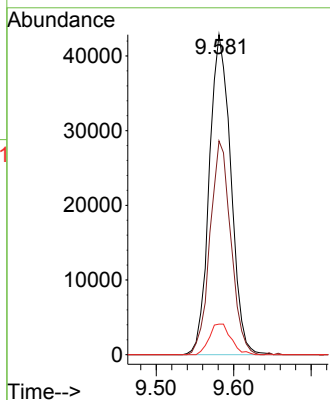
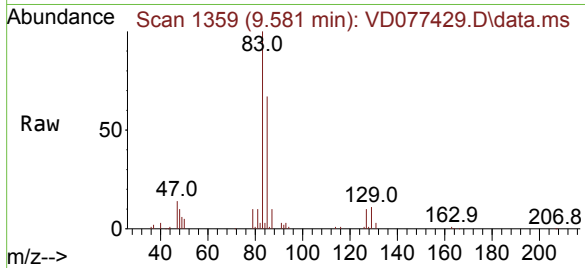




#47
Bromodichloromethane
Concen: 18.887 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

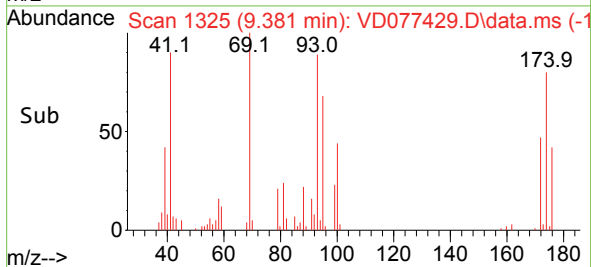
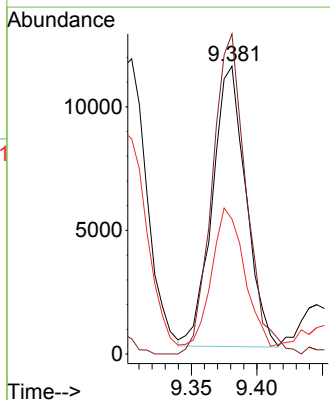
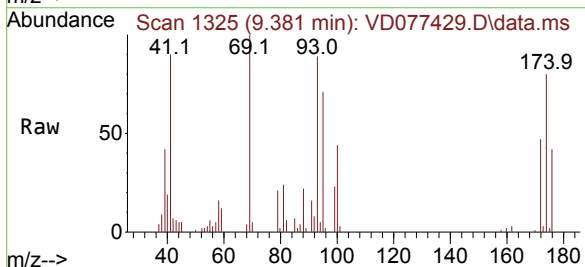
Instrument :
MSVOA_D
ClientSampleId :

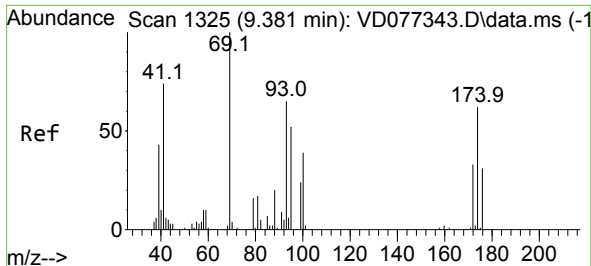
Tgt Ion: 83 Resp: 82704
Ion Ratio Lower Upper
83 100
85 66.8 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 18.829 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 41 Resp: 20226
Ion Ratio Lower Upper
41 100
69 114.7 102.2 153.2
39 54.6 41.4 62.2





#49

1,4-Dioxane

Concen: 394.378 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

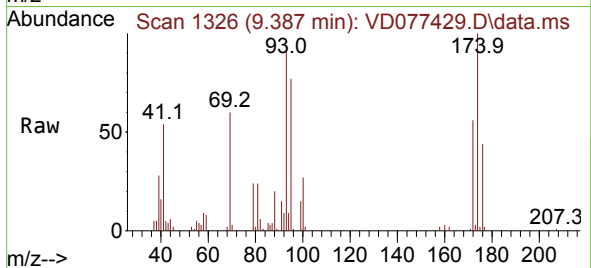
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :



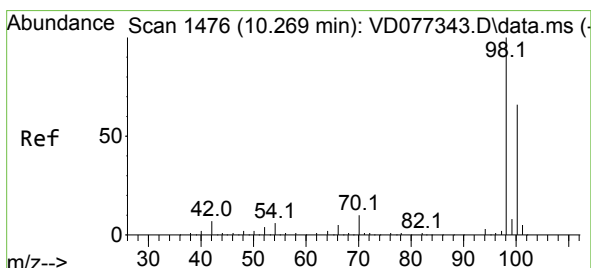
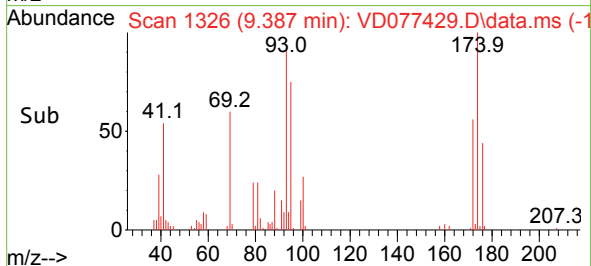
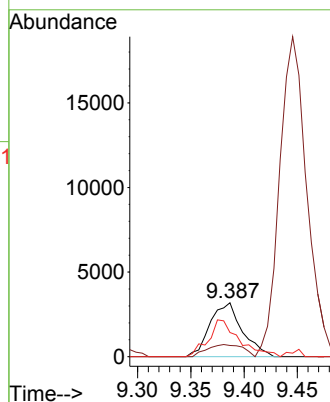
Tgt Ion: 88 Resp: 6696

Ion Ratio Lower Upper

88 100

43 25.1 19.0 28.6

58 65.2 43.5 65.3



#50

Toluene-d8

Concen: 39.680 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077429.D

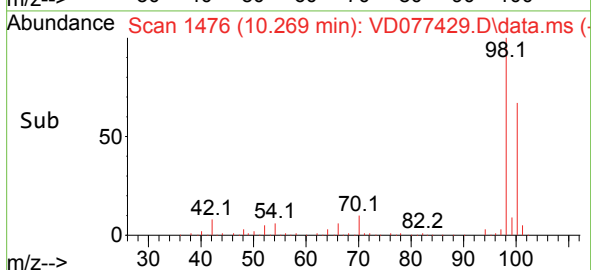
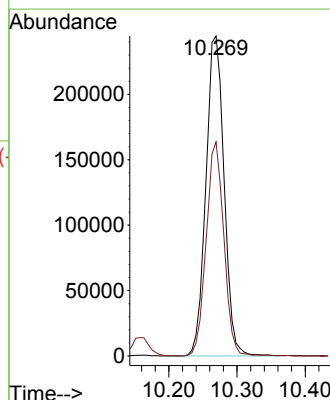
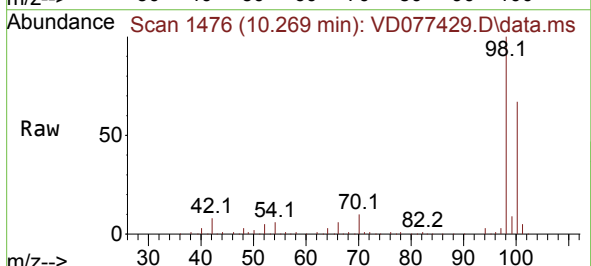
Acq: 26 Oct 2023 15:22

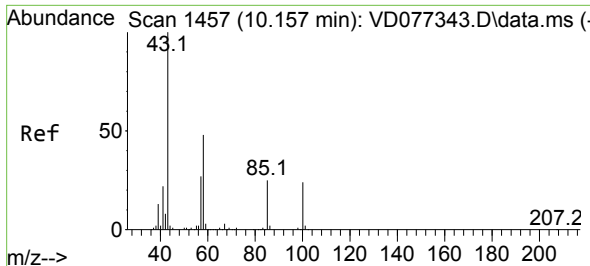
Tgt Ion: 98 Resp: 454126

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

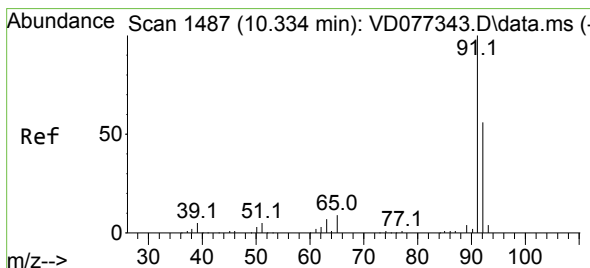
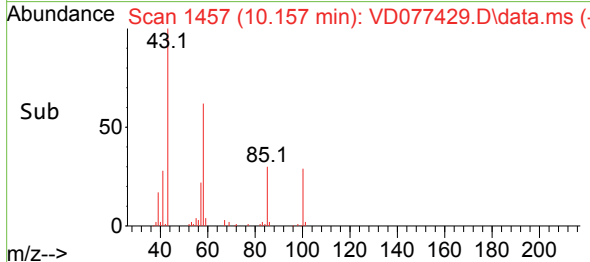
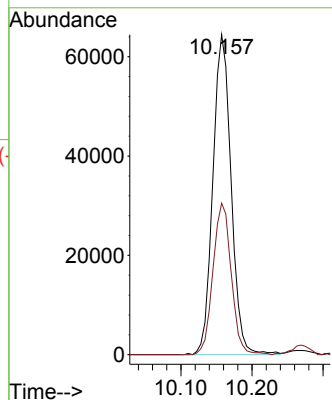
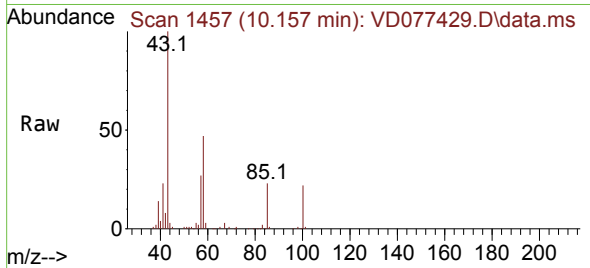




#51
4-Methyl-2-Pentanone
Concen: 96.570 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

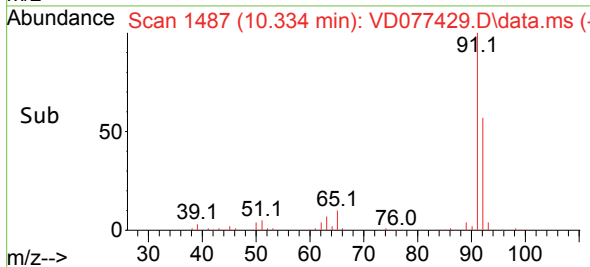
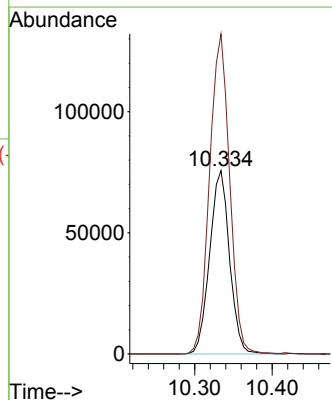
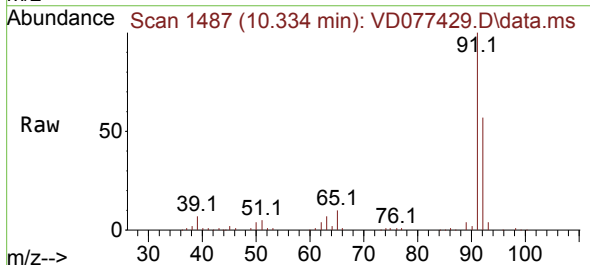
Instrument :
MSVOA_D
ClientSampleId :

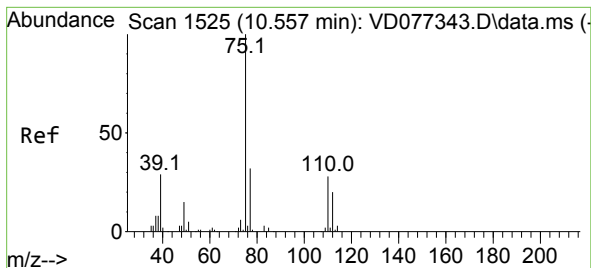
Tgt Ion: 43 Resp: 114947
Ion Ratio Lower Upper
43 100
58 47.3 38.9 58.3



#52
Toluene
Concen: 16.170 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

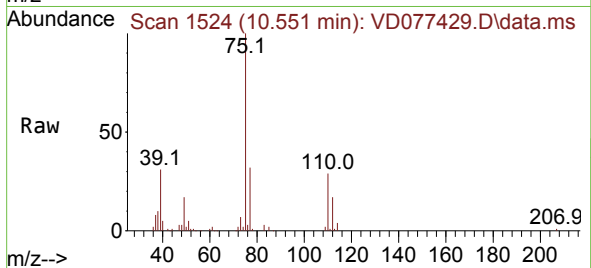
Tgt Ion: 92 Resp: 134530
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4



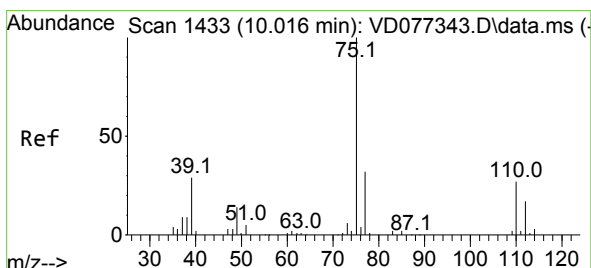
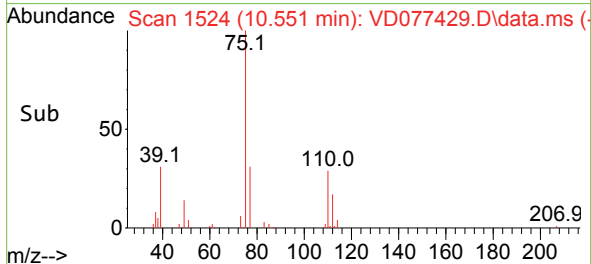
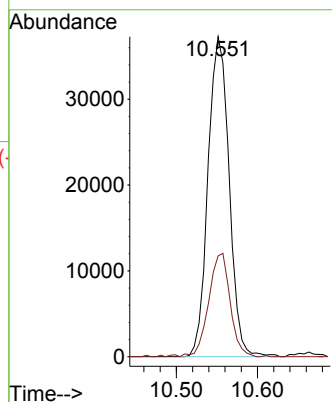


#53
 t-1,3-Dichloropropene
 Concen: 17.137 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

Instrument :
 MSVOA_D
 ClientSampleId :

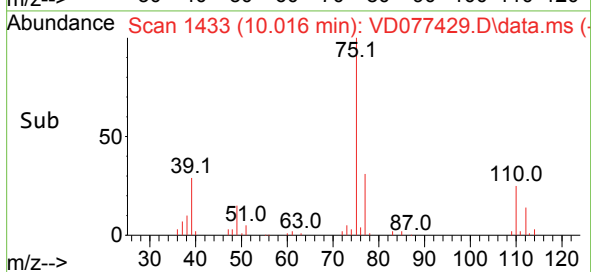
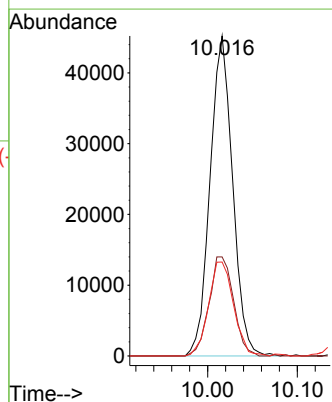
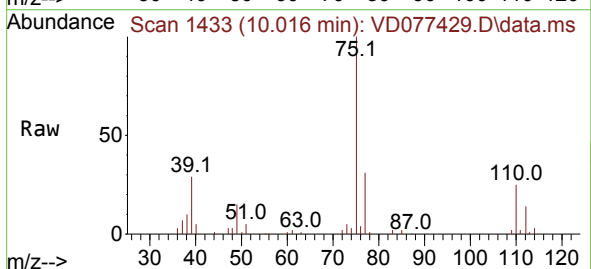


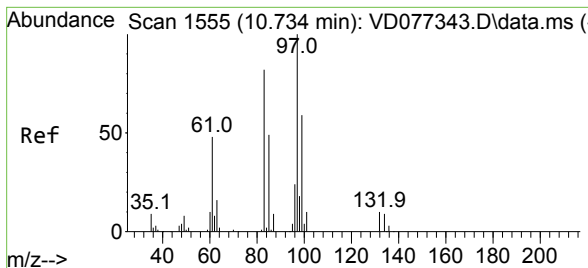
Tgt Ion: 75 Resp: 67360
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 16.438 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077429.D
 Acq: 26 Oct 2023 15:22

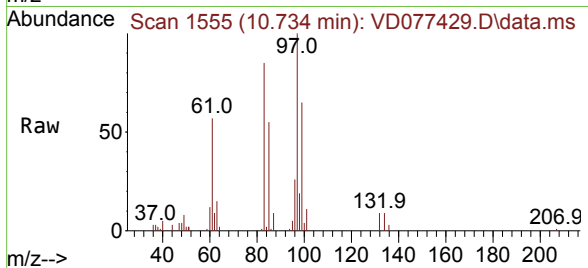
Tgt Ion: 75 Resp: 79052
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.5 38.3
 39 29.3 22.1 33.1



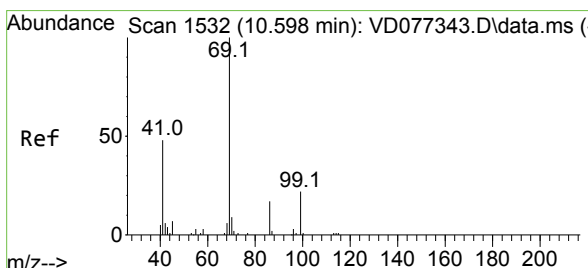
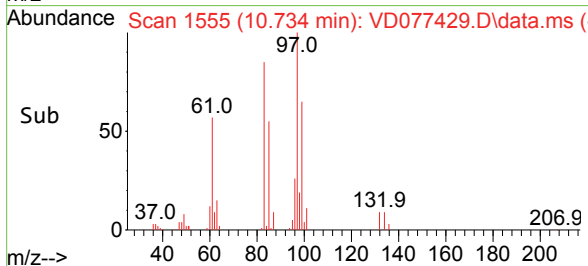
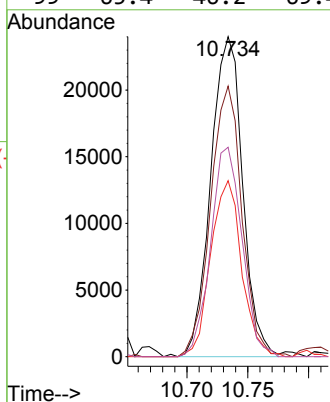


#55
1,1,2-Trichloroethane
Concen: 17.176 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

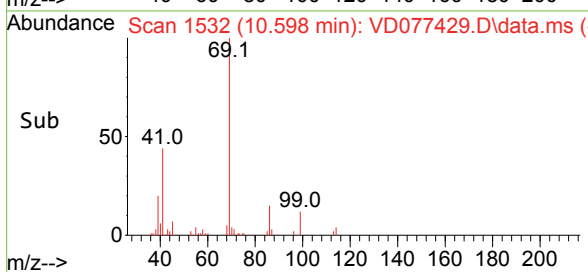
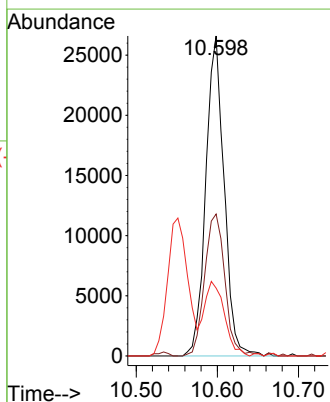
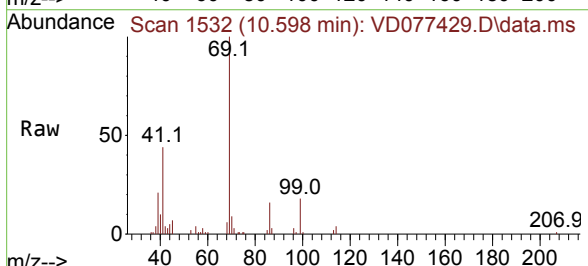


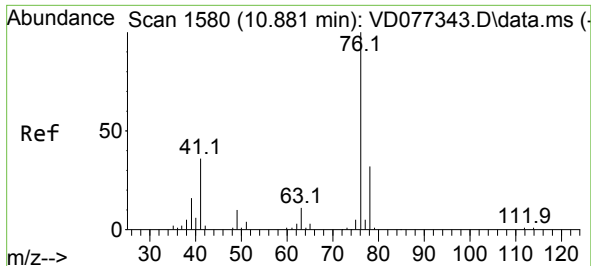
Tgt Ion:	97	Resp:	43687
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.8	98.6
85	55.0	45.7	68.5
99	65.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 17.140 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:	69	Resp:	41664
Ion	Ratio	Lower	Upper
69	100		
41	49.1	39.1	58.7
39	25.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 17.439 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

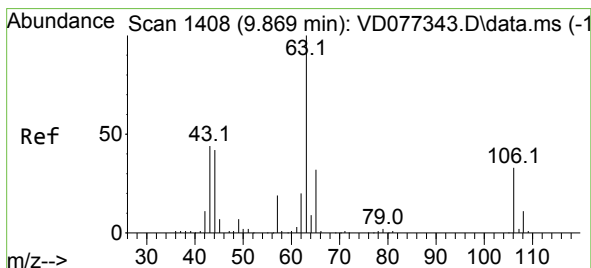
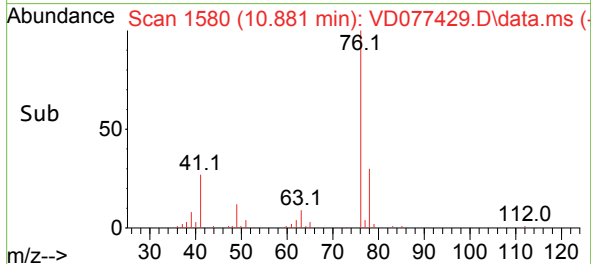
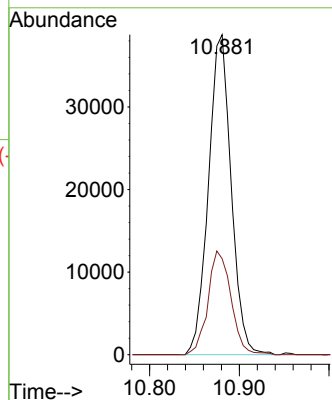
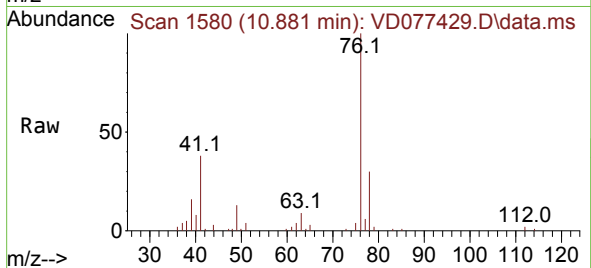
ClientSampleId :

Tgt Ion: 76 Resp: 68136

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.321 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077429.D

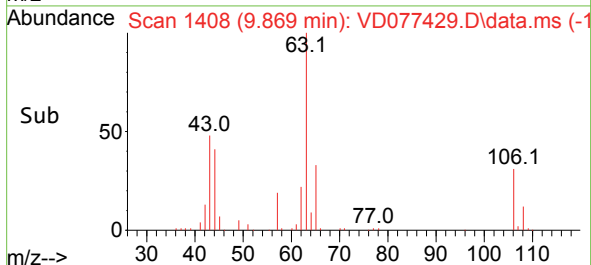
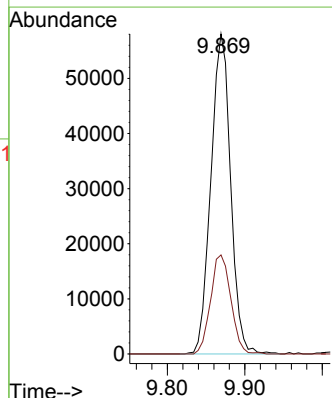
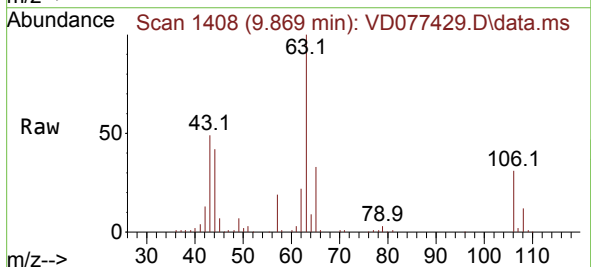
Acq: 26 Oct 2023 15:22

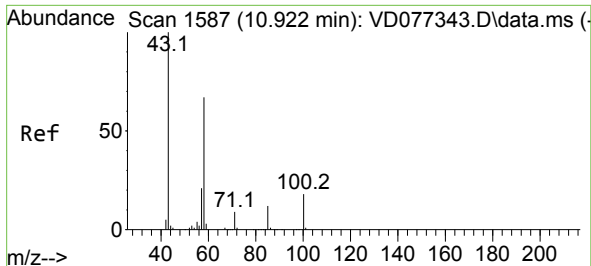
Tgt Ion: 63 Resp: 102563

Ion Ratio Lower Upper

63 100

106 31.8 25.3 37.9

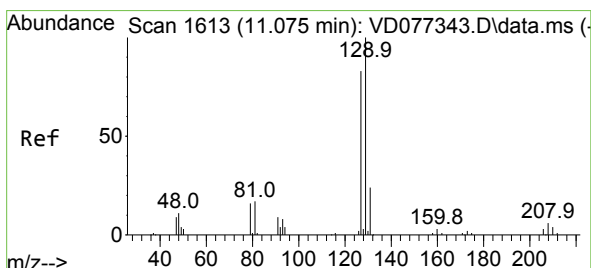
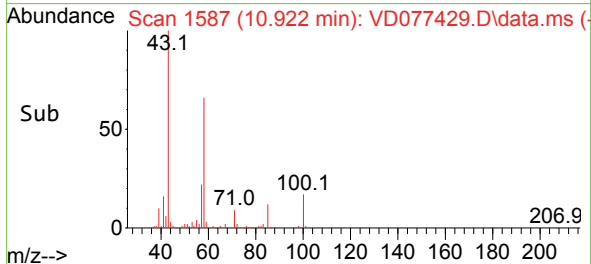
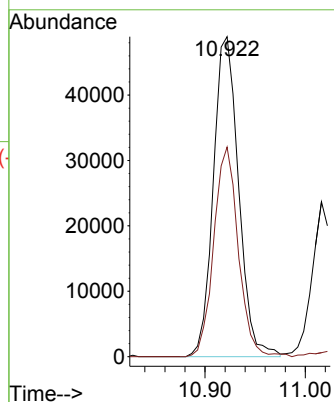
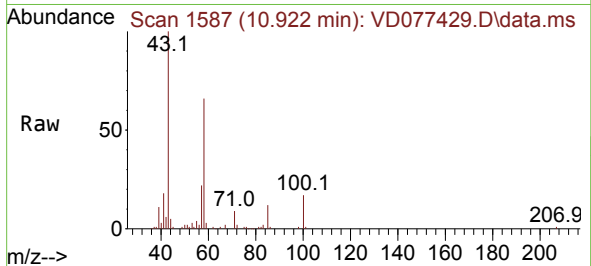




#59
2-Hexanone
Concen: 100.223 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

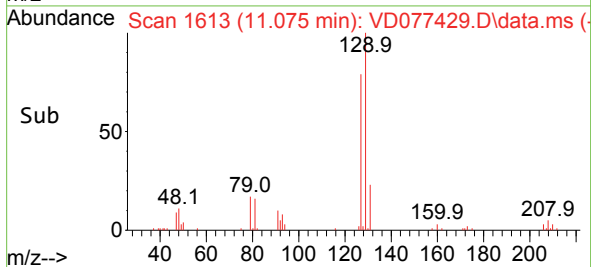
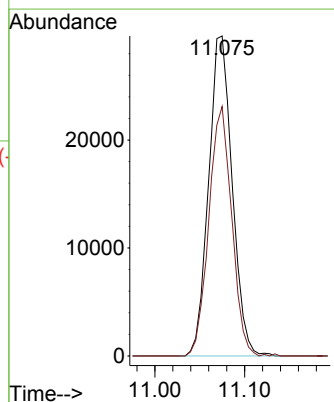
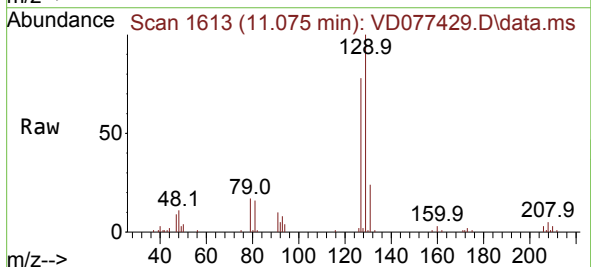
Instrument :
MSVOA_D
ClientSampleId :

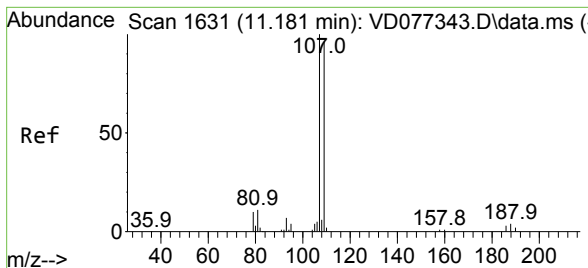
Tgt Ion: 43 Resp: 85680
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2



#60
Dibromochloromethane
Concen: 16.653 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:129 Resp: 54085
Ion Ratio Lower Upper
129 100
127 75.5 37.1 111.5

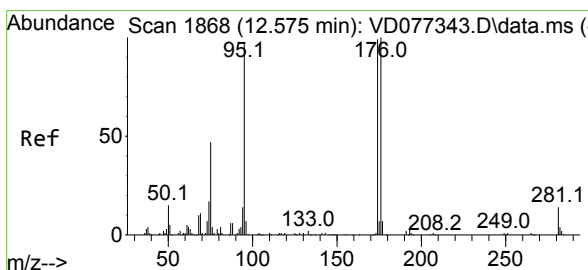
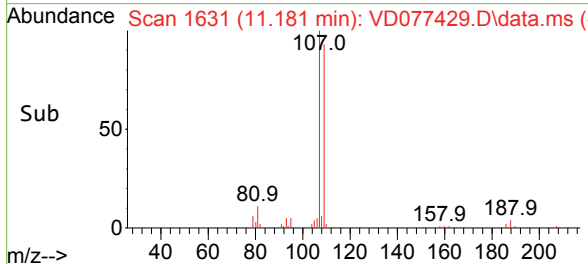
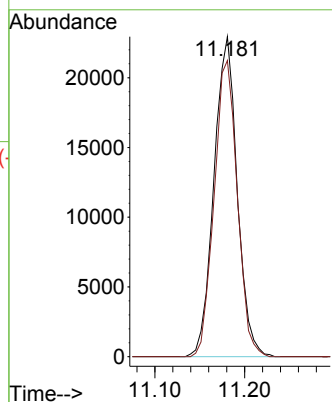
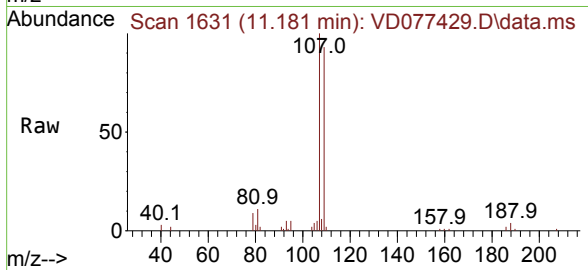




#61
1,2-Dibromoethane
Concen: 17.227 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

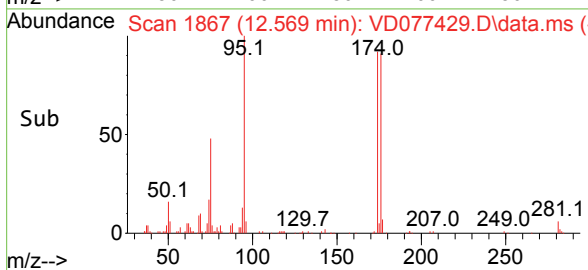
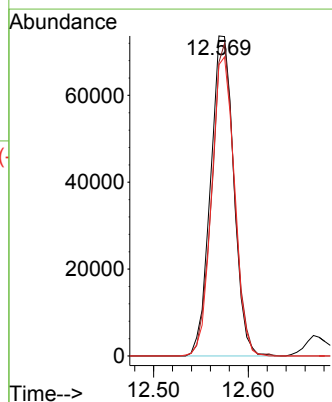
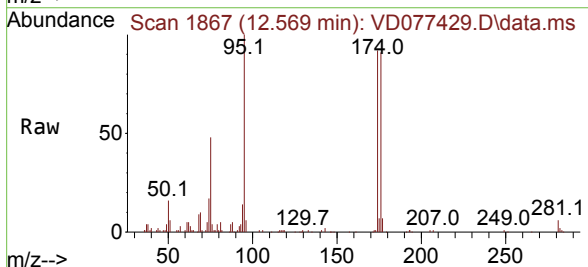
Instrument :
MSVOA_D
ClientSampleId :

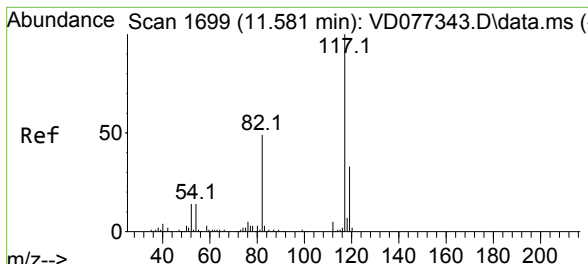
Tgt Ion:107 Resp: 41288
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 38.055 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

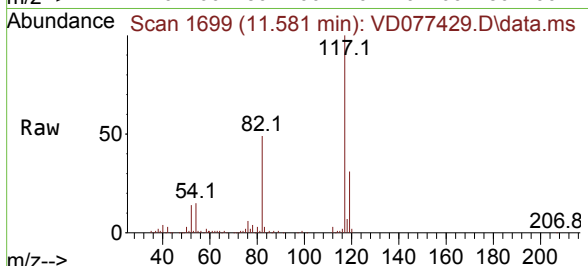
Tgt Ion: 95 Resp: 125369
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 92.2 0.0 191.8



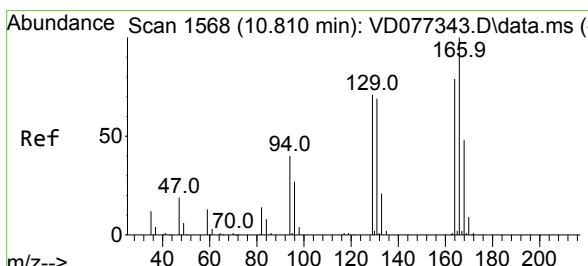
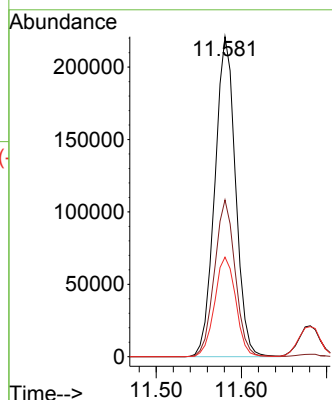
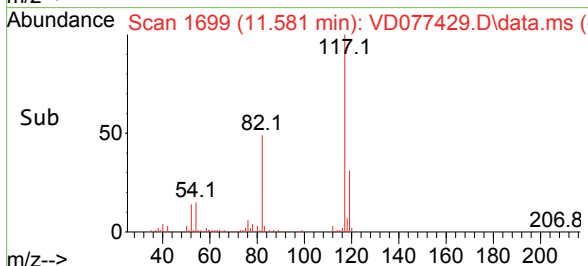


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

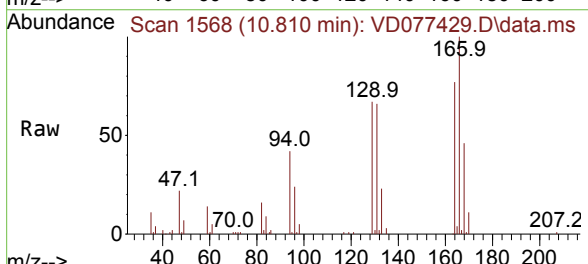
Instrument :
MSVOA_D
ClientSampleId :



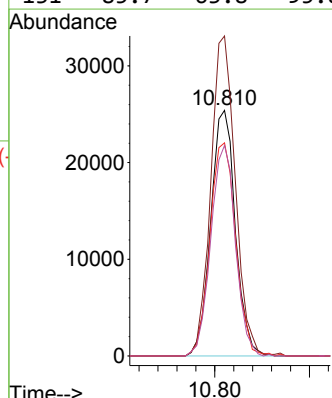
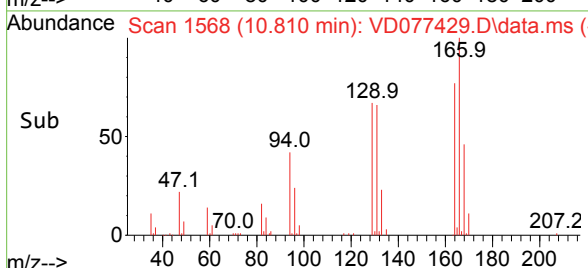
Tgt Ion:	117	Resp:	372572
Ion Ratio	Lower	Upper	
117	100		
82	49.0	38.3	57.5
119	31.1	25.0	37.4

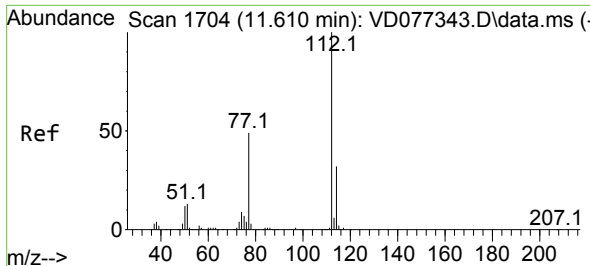


#64
Tetrachloroethene
Concen: 16.540 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22



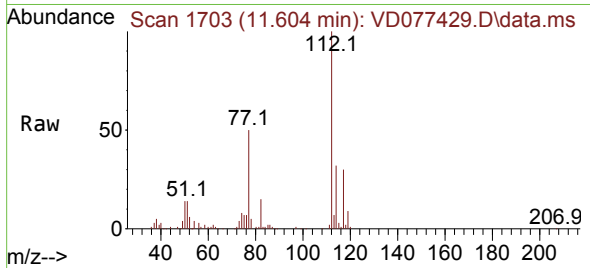
Tgt Ion:	164	Resp:	45804
Ion Ratio	Lower	Upper	
164	100		
166	130.3	99.2	148.8
129	86.7	68.4	102.6
131	85.7	63.8	95.8



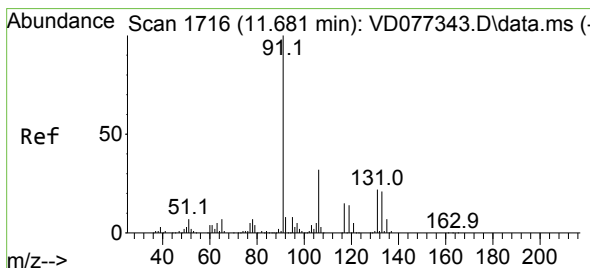
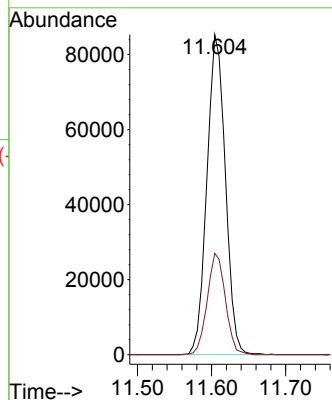
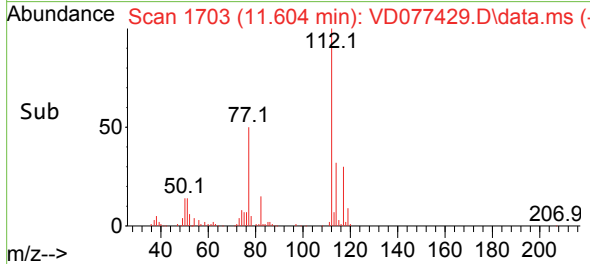


#65
Chlorobenzene
Concen: 18.174 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

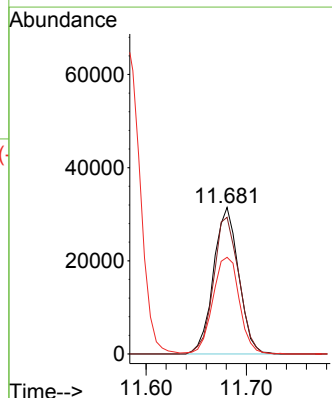
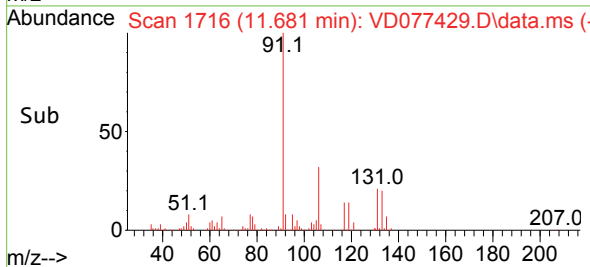
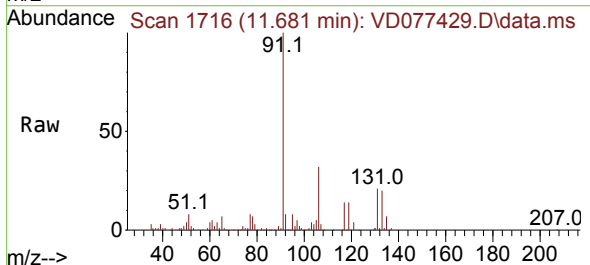


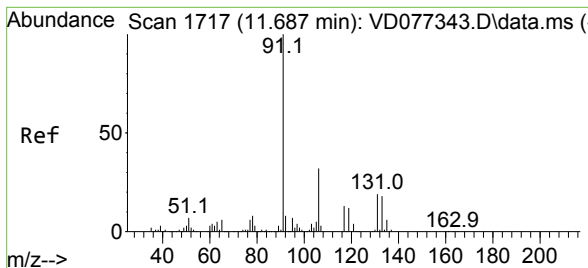
Tgt Ion:112 Resp: 147591
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.767 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:131 Resp: 54847
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 70.0 35.6 106.9





#67

Ethyl Benzene

Concen: 17.810 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

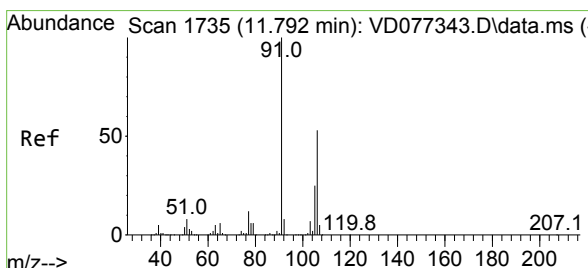
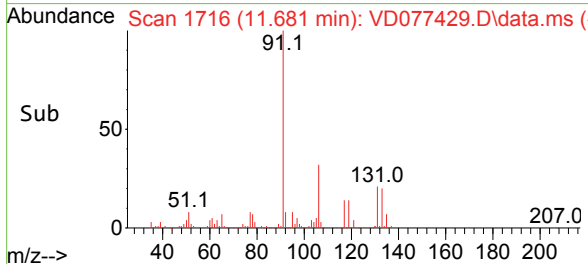
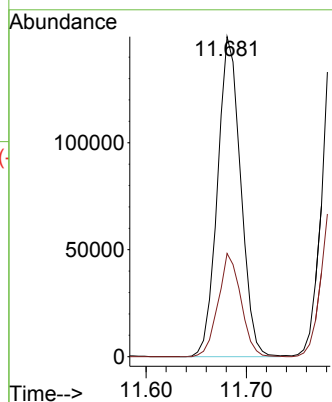
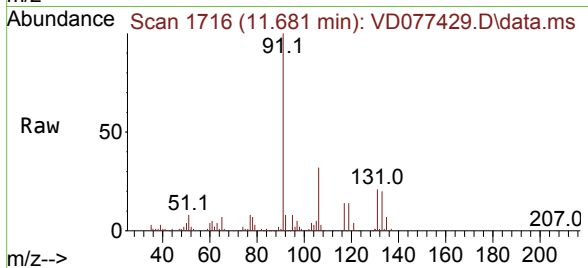
ClientSampleId :

Tgt Ion: 91 Resp: 239757

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 35.766 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077429.D

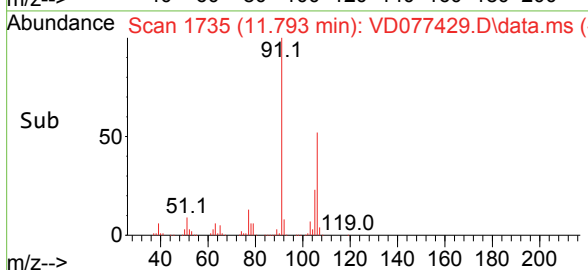
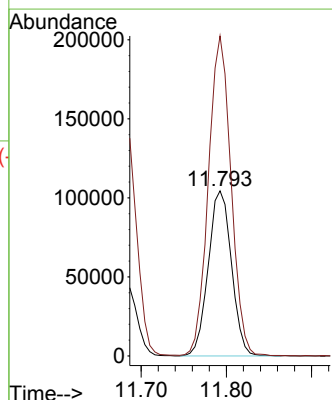
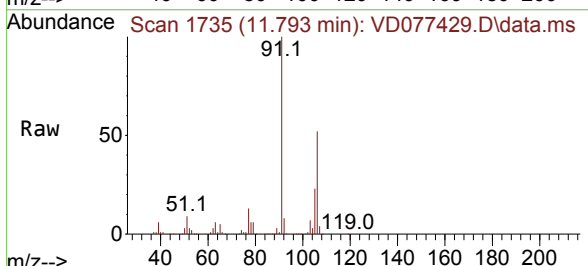
Acq: 26 Oct 2023 15:22

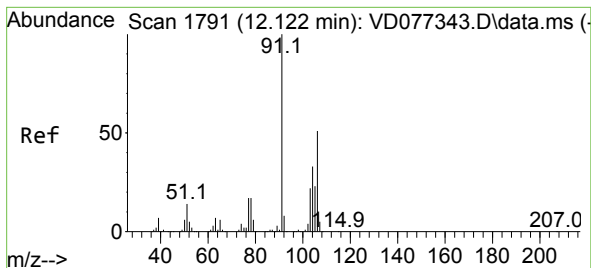
Tgt Ion:106 Resp: 197715

Ion Ratio Lower Upper

106 100

91 189.6 147.0 220.6





#69

o-Xylene

Concen: 17.185 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

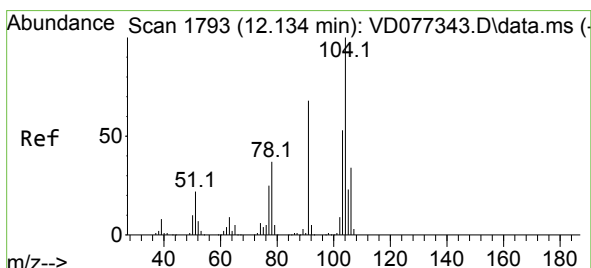
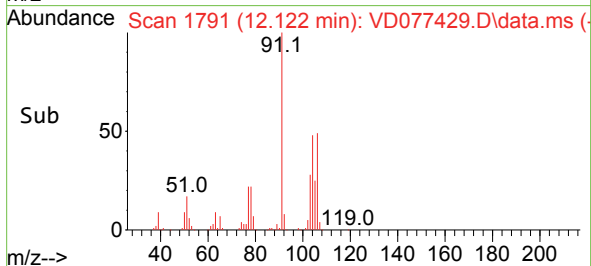
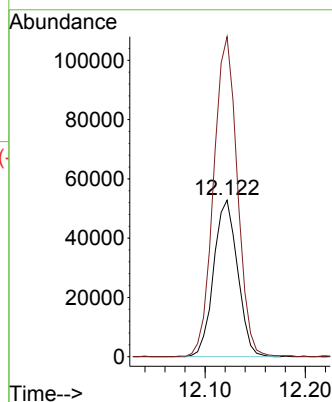
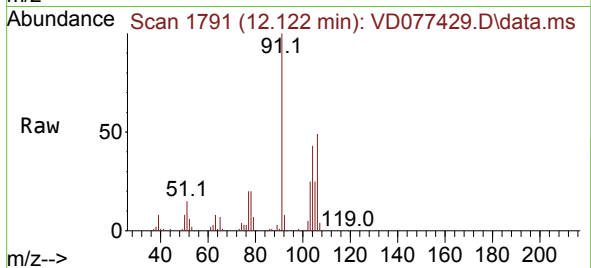
ClientSampleId :

Tgt Ion:106 Resp: 87452

Ion Ratio Lower Upper

106 100

91 203.5 97.9 293.6



#70

Styrene

Concen: 18.288 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

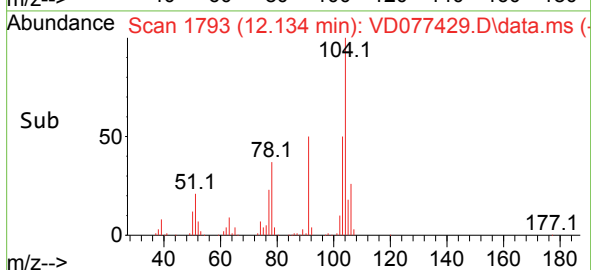
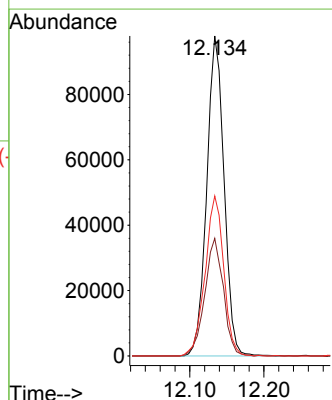
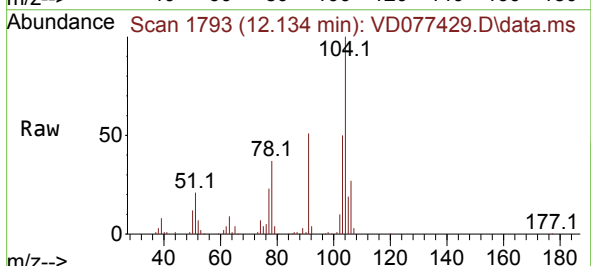
Tgt Ion:104 Resp: 158785

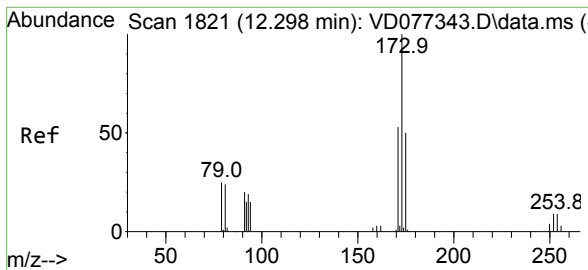
Ion Ratio Lower Upper

104 100

78 39.6 33.2 49.8

103 53.7 43.6 65.4





#71

Bromoform

Concen: 18.679 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

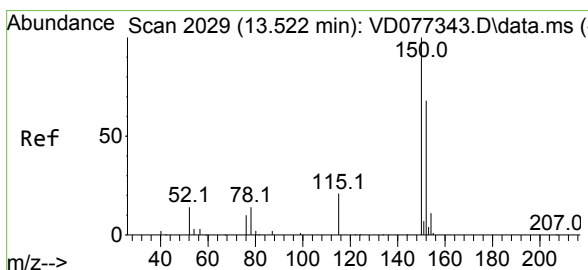
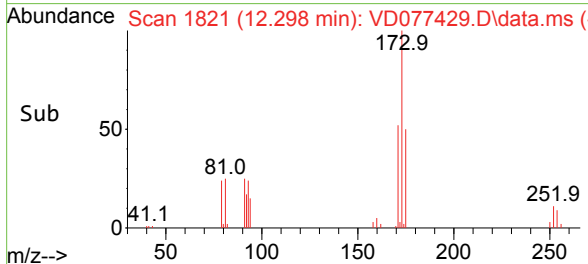
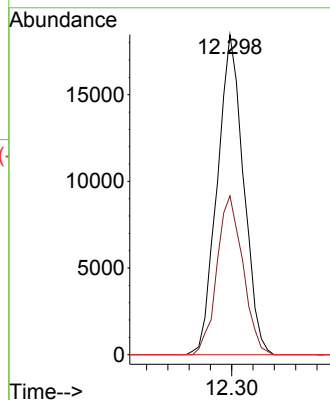
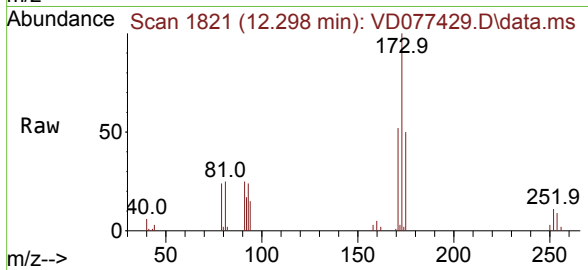
Tgt Ion:173 Resp: 31609

Ion Ratio Lower Upper

173 100

175 49.0 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: VD077429.D

Acq: 26 Oct 2023 15:22

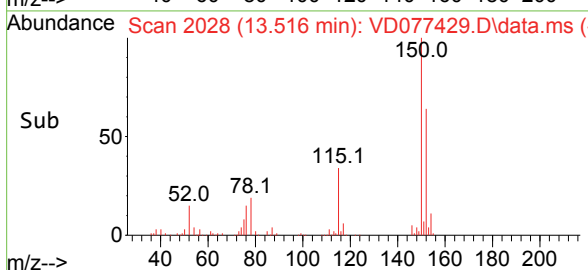
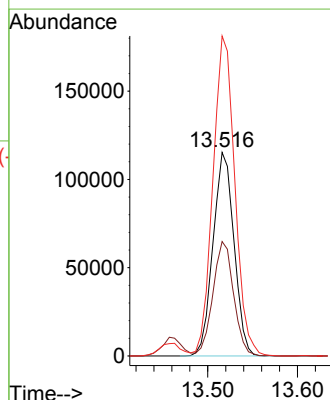
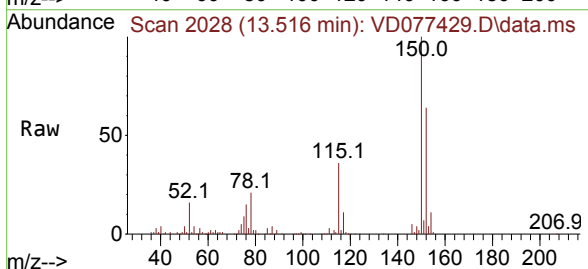
Tgt Ion:152 Resp: 187348

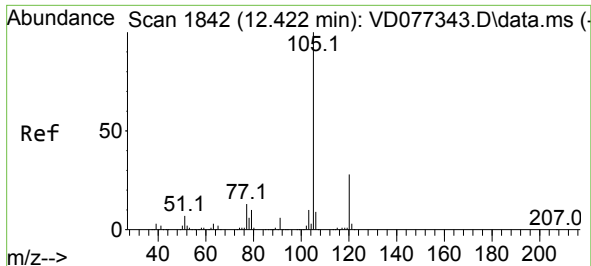
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

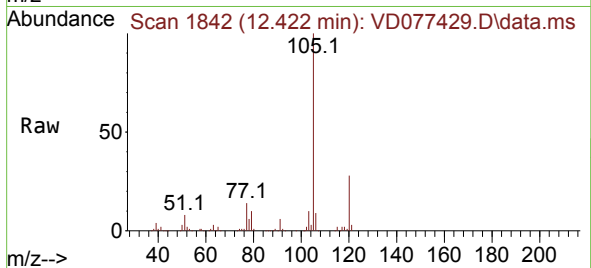
150 163.9 0.0 353.6



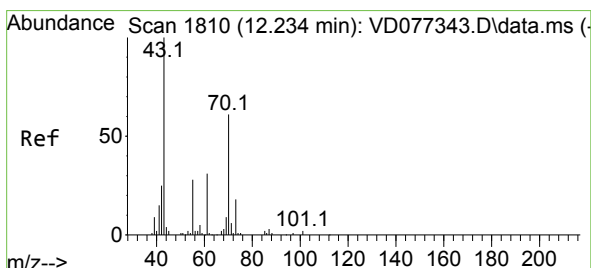
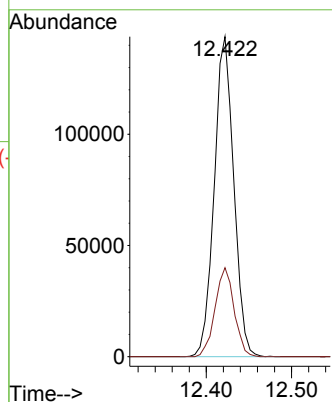
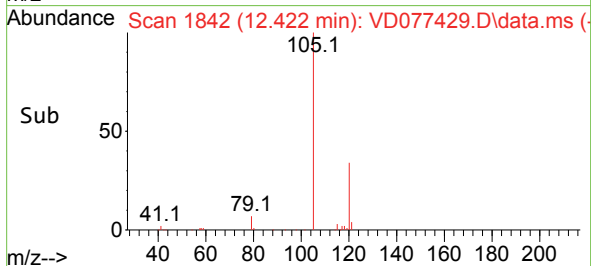


#73
Isopropylbenzene
Concen: 18.500 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

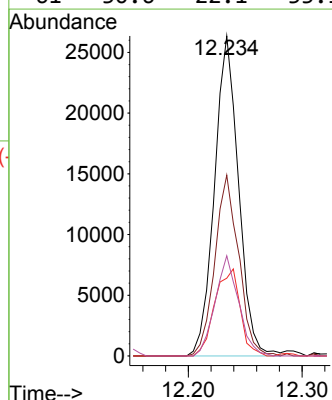
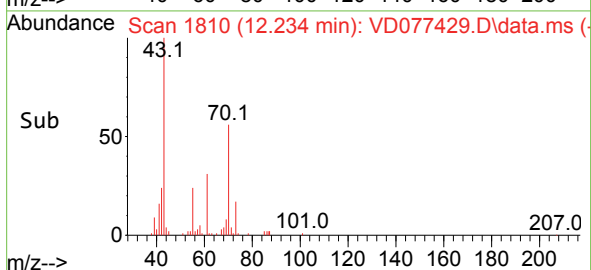
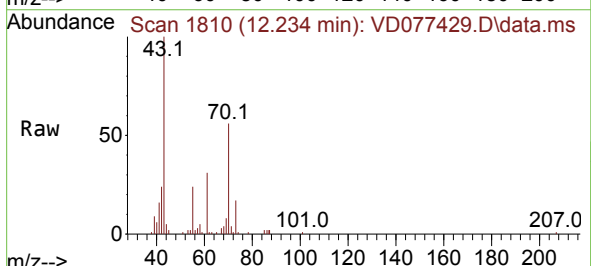


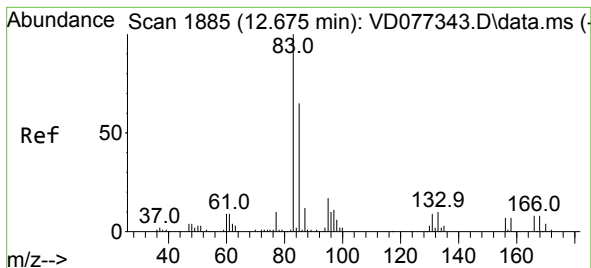
Tgt Ion:105 Resp: 229249
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 21.750 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 43 Resp: 38773
Ion Ratio Lower Upper
43 100
70 56.1 45.0 67.4
55 28.7 23.8 35.6
61 30.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.390 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

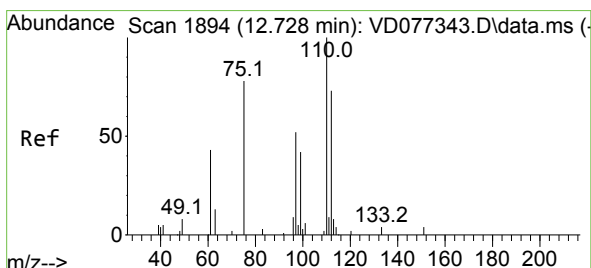
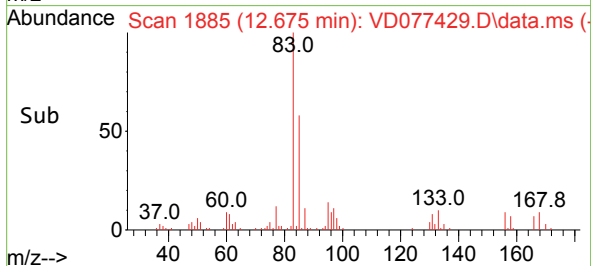
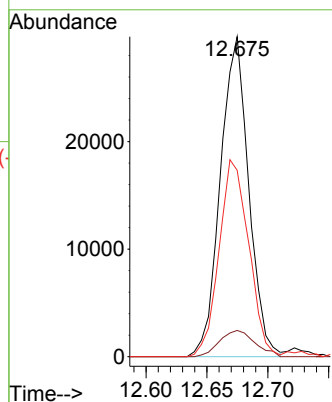
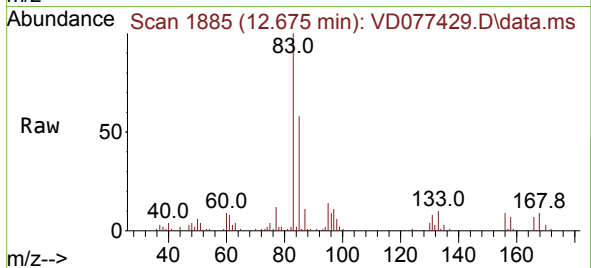
Tgt Ion: 83 Resp: 48168

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 23.585 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077429.D

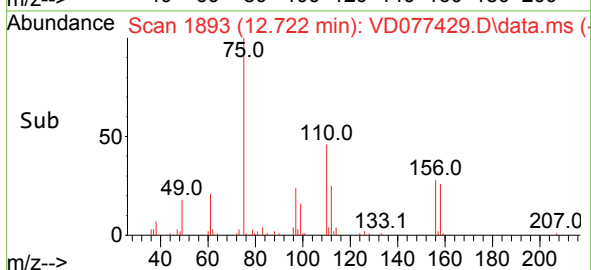
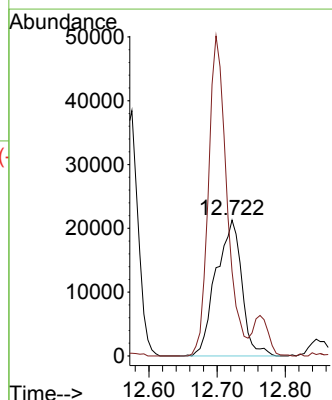
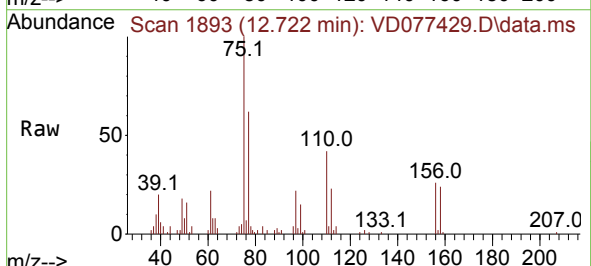
Acq: 26 Oct 2023 15:22

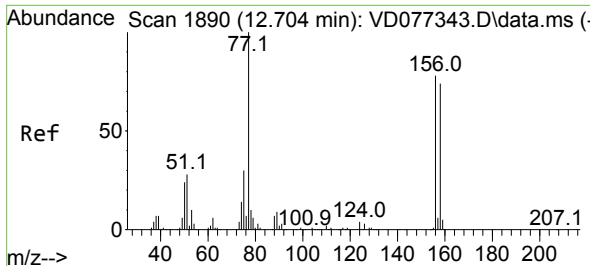
Tgt Ion: 75 Resp: 56092

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

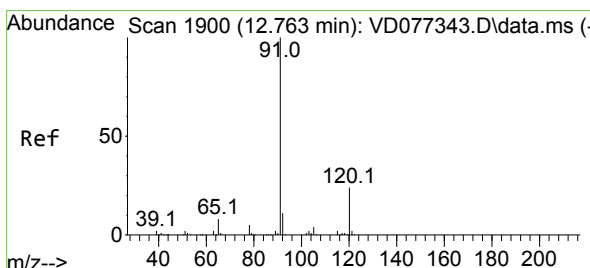
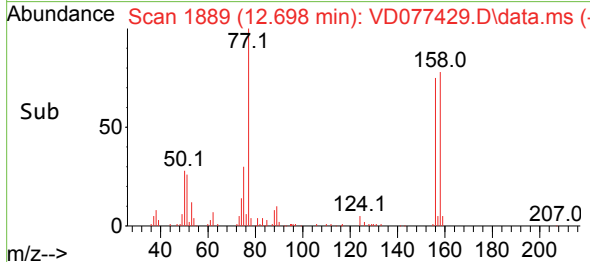
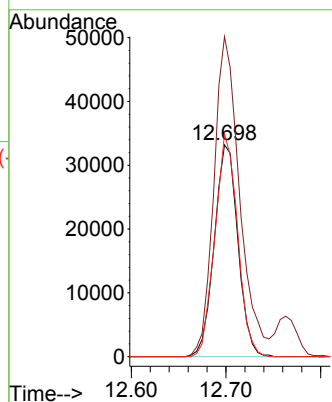
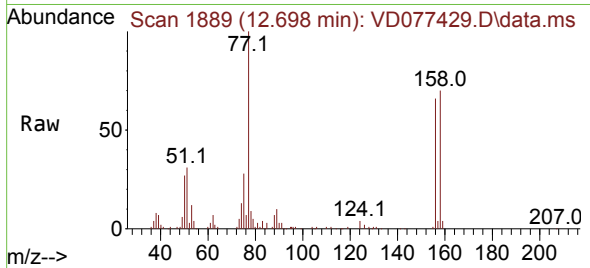




#77
Bromobenzene
Concen: 17.657 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

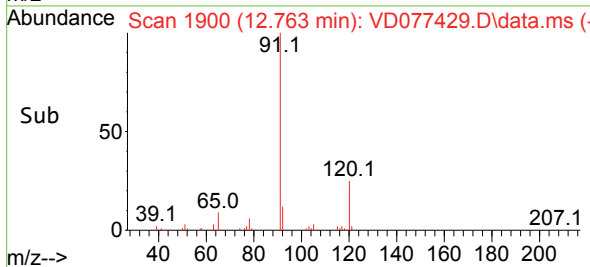
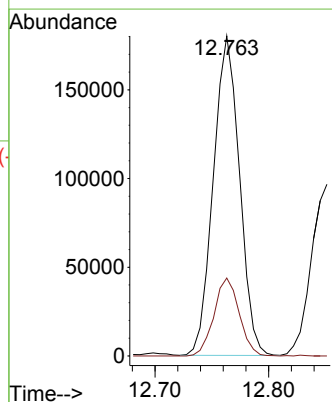
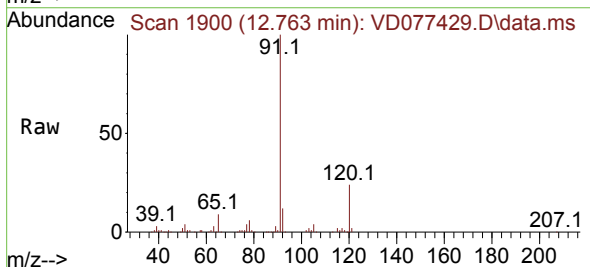
Instrument :
MSVOA_D
ClientSampleId :

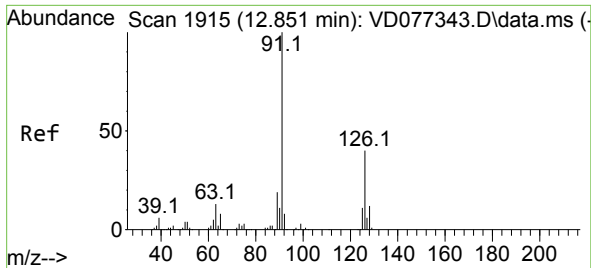
Tgt Ion:156 Resp: 57445
Ion Ratio Lower Upper
156 100
77 165.3 76.8 230.4
158 101.4 48.6 145.9



#78
n-propylbenzene
Concen: 19.319 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 91 Resp: 288323
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2

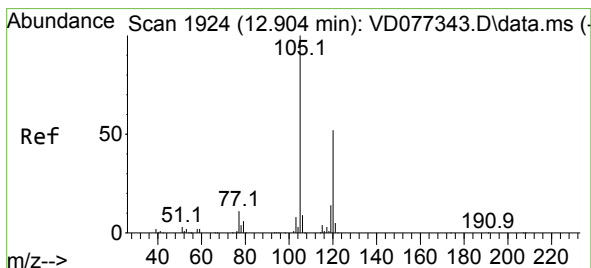
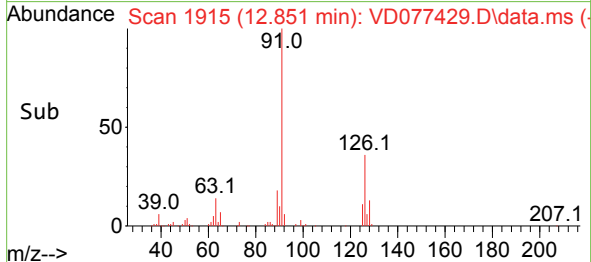
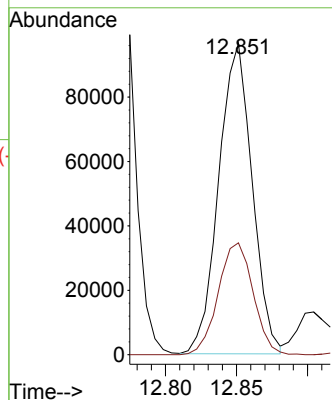
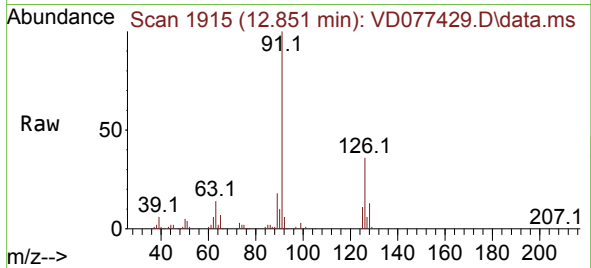




#79
2-Chlorotoluene
Concen: 19.412 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

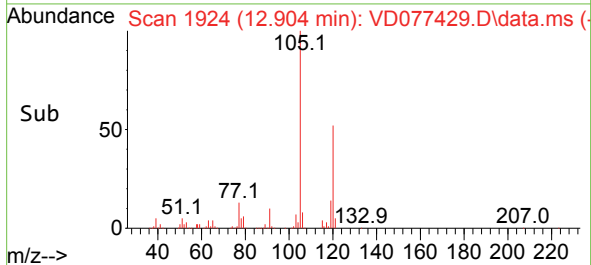
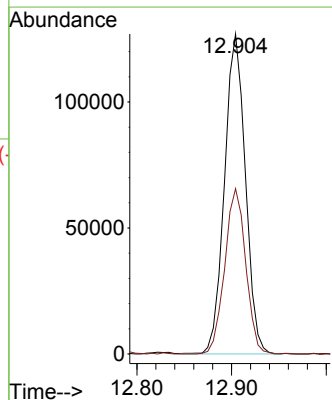
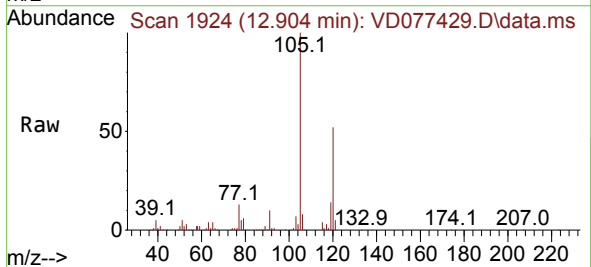
Instrument :
MSVOA_D
ClientSampleId :

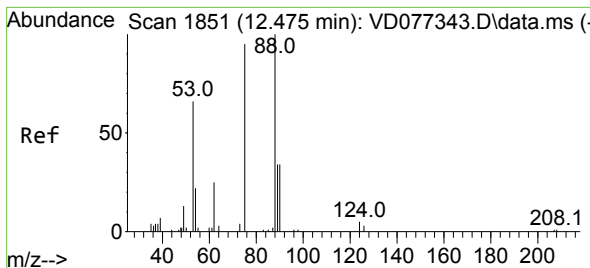
Tgt Ion: 91 Resp: 157797
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.014 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

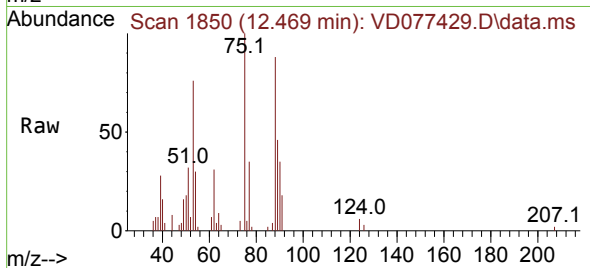
Tgt Ion: 105 Resp: 194444
Ion Ratio Lower Upper
105 100
120 51.8 26.4 79.2



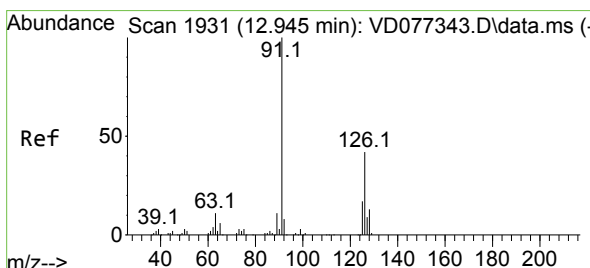
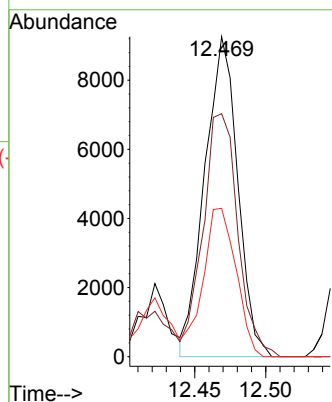
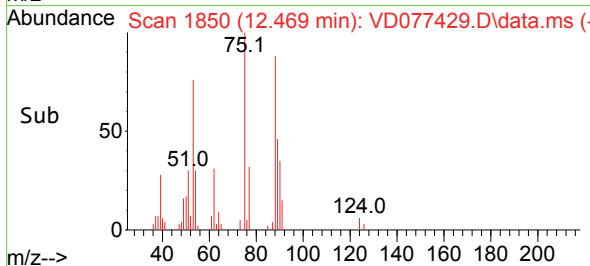


#81
trans-1,4-Dichloro-2-butene
Concen: 21.332 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

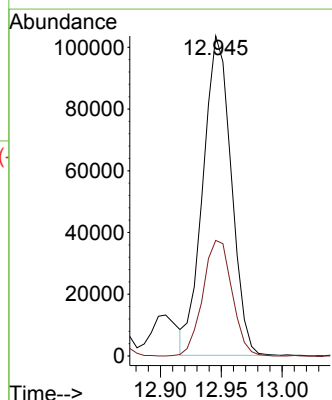
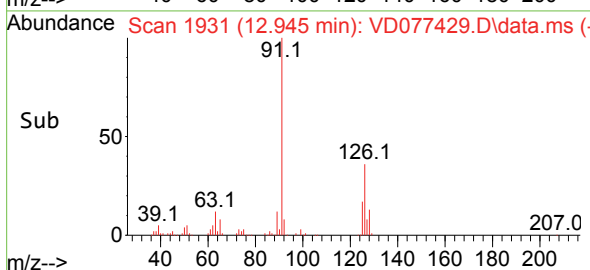
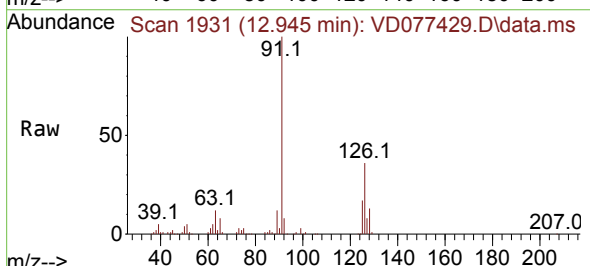


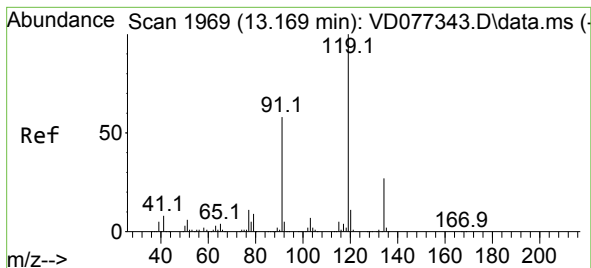
Tgt Ion: 75 Resp: 14915
Ion Ratio Lower Upper
75 100
53 80.3 63.0 94.4
89 46.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.812 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 91 Resp: 167670
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 18.809 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

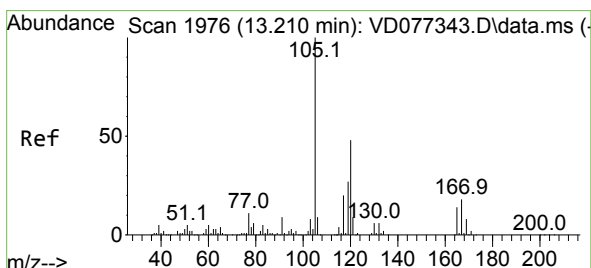
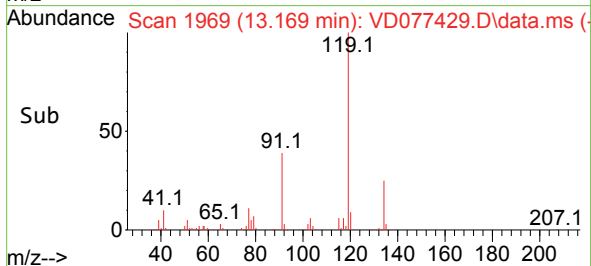
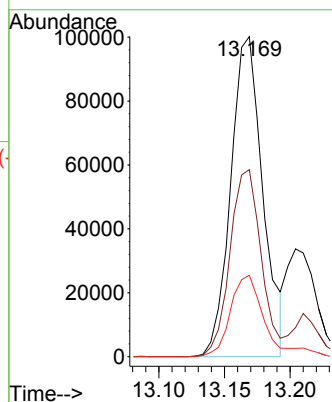
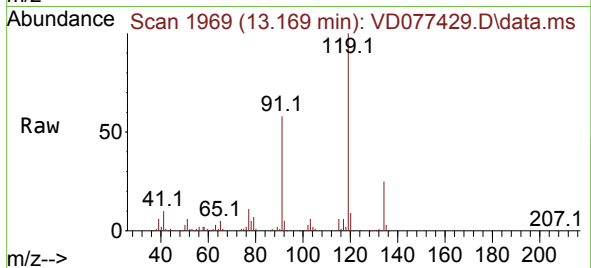
Tgt Ion:119 Resp: 170525

Ion Ratio Lower Upper

119 100

91 56.8 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.178 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077429.D

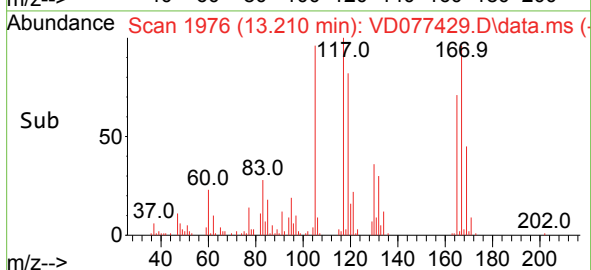
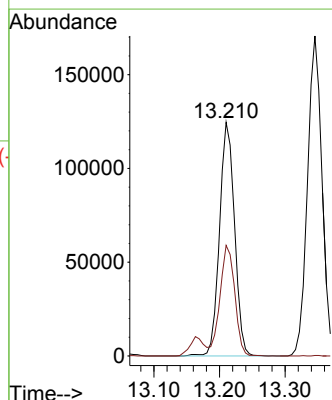
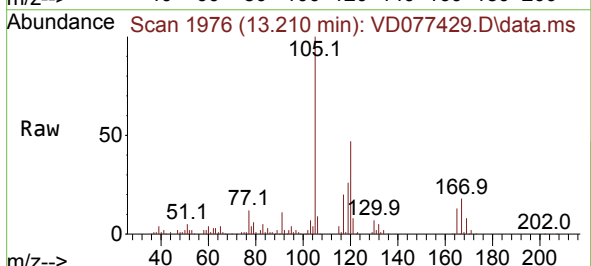
Acq: 26 Oct 2023 15:22

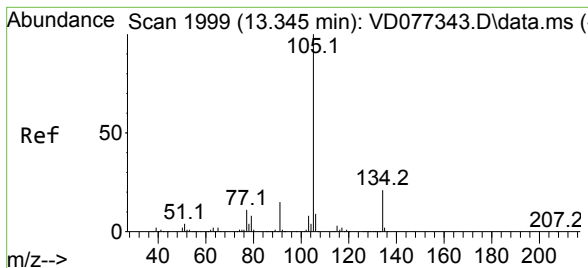
Tgt Ion:105 Resp: 197459

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.151 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

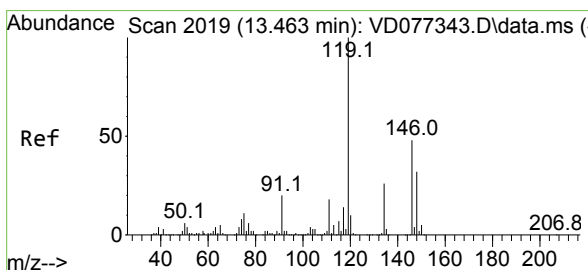
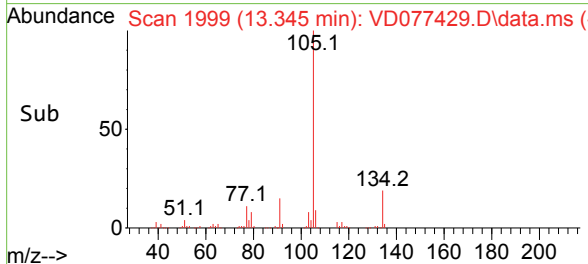
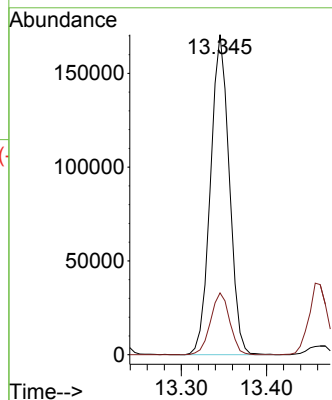
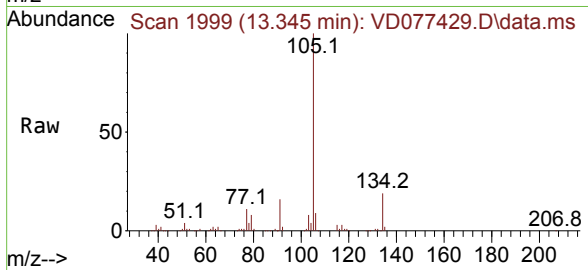
ClientSampleId :

Tgt Ion:105 Resp: 261279

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 17.685 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

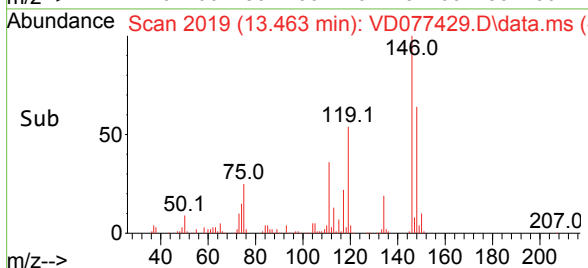
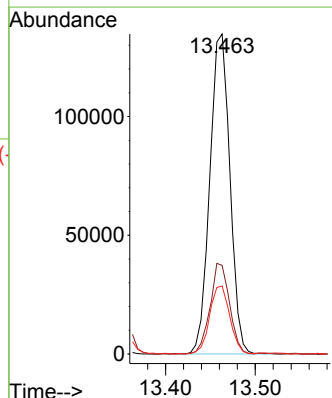
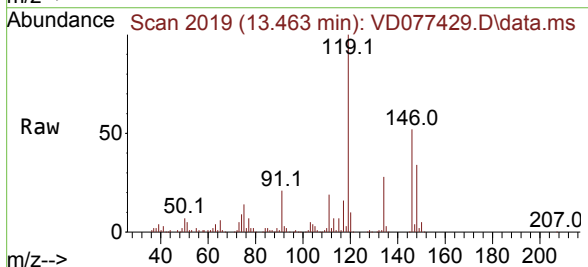
Tgt Ion:119 Resp: 209607

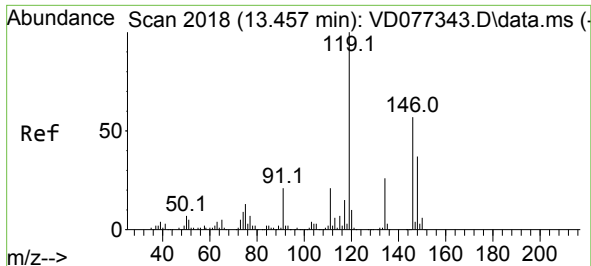
Ion Ratio Lower Upper

119 100

134 27.5 14.2 42.6

91 21.3 10.5 31.5

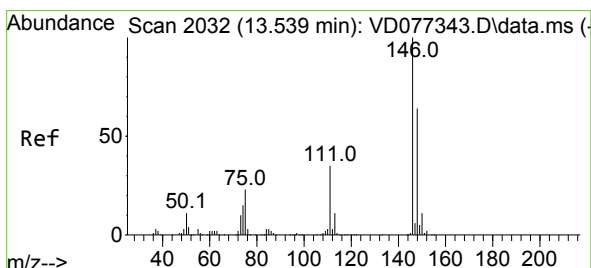
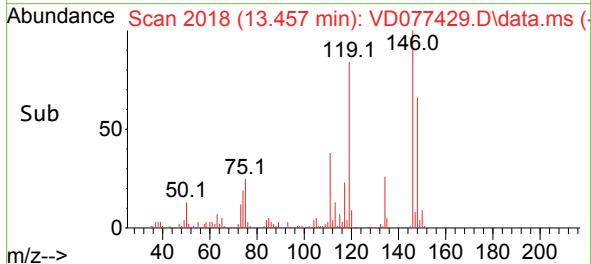
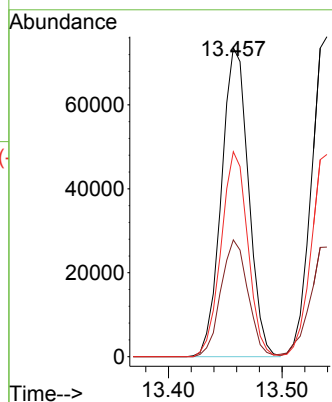
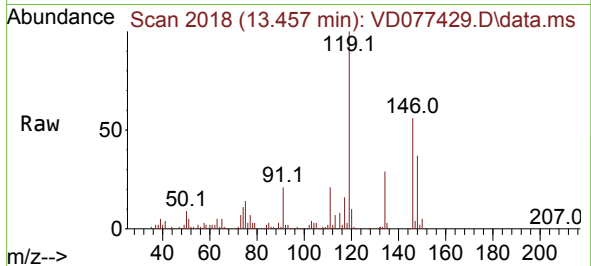




#87
1,3-Dichlorobenzene
Concen: 17.801 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

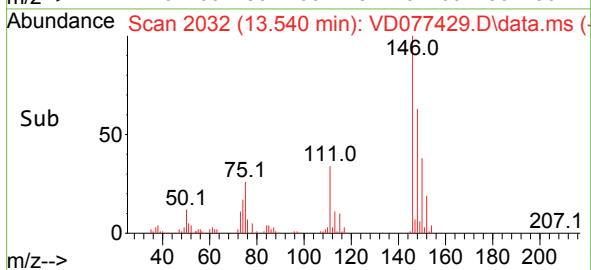
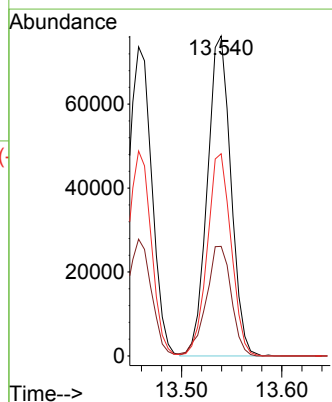
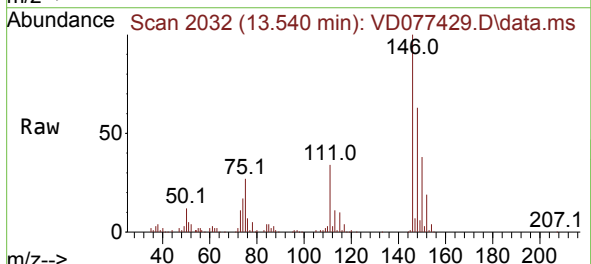
Instrument :
MSVOA_D
ClientSampleId :

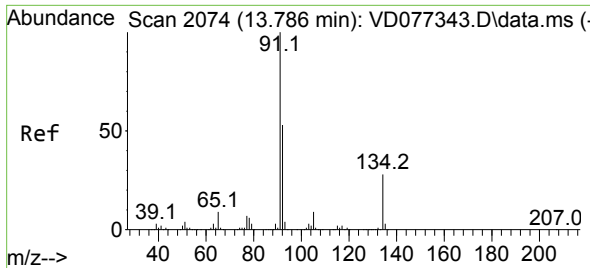
Tgt Ion:146 Resp: 121879
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 65.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.341 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion:146 Resp: 124437
Ion Ratio Lower Upper
146 100
111 36.6 17.4 52.3
148 64.1 31.7 95.1

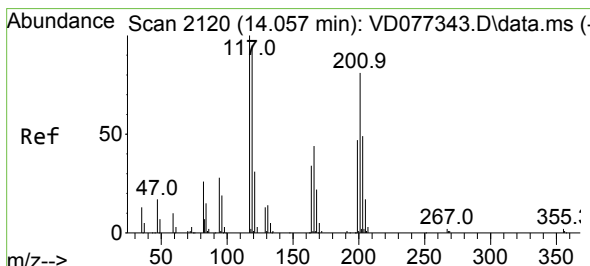
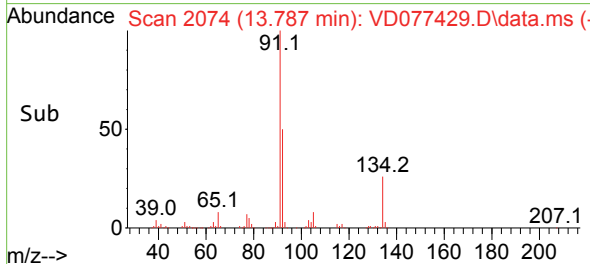
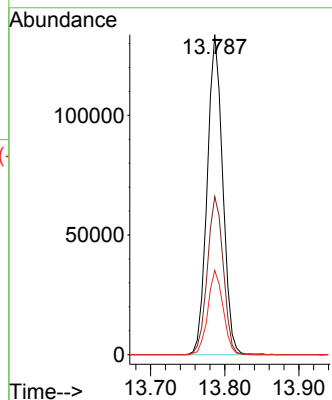
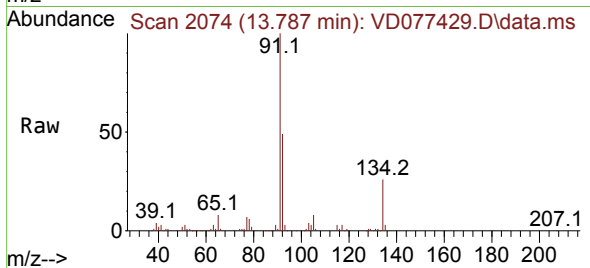




#89
n-Butylbenzene
Concen: 18.815 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

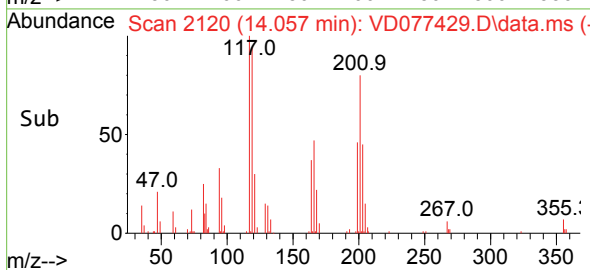
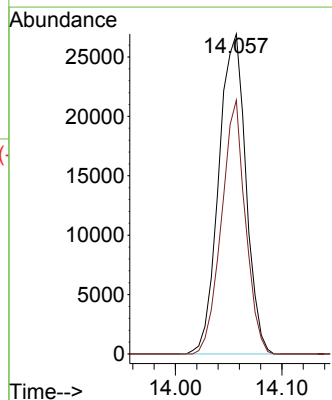
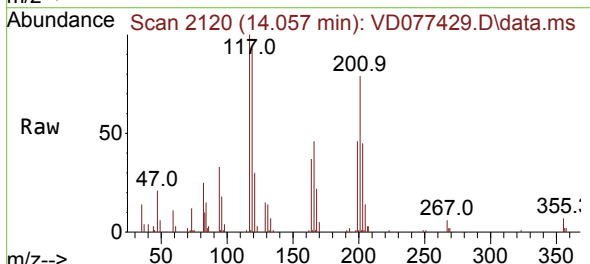
Instrument :
MSVOA_D
ClientSampleId :

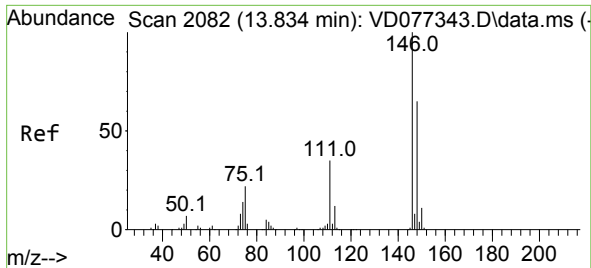
Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.5	79.5
134	26.1	13.8	41.3



#90
Hexachloroethane
Concen: 19.854 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

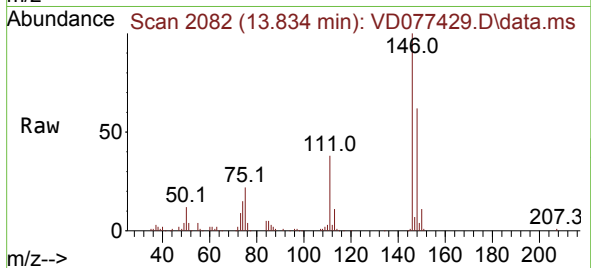
Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	38.5	115.5



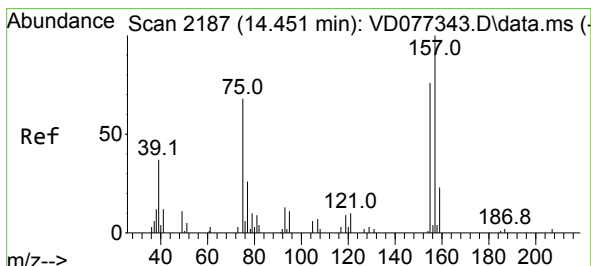
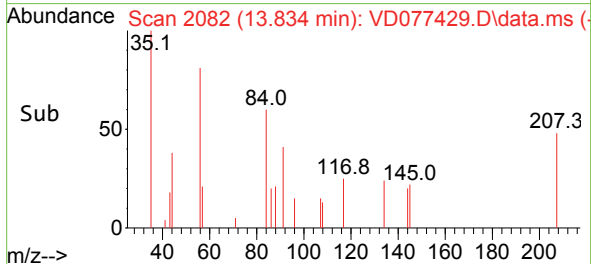
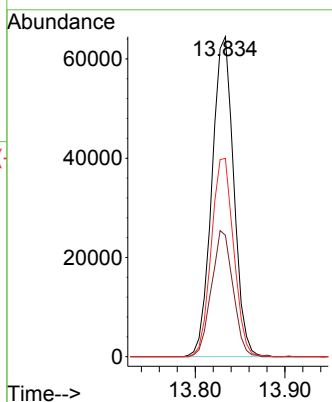


#91
1,2-Dichlorobenzene
Concen: 18.811 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :

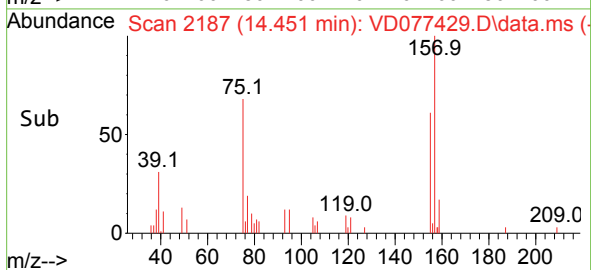
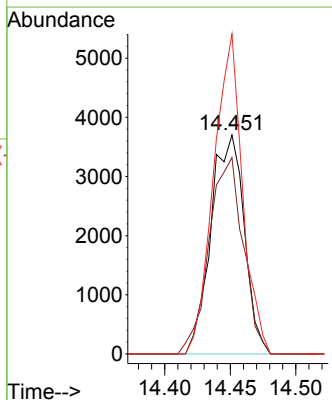
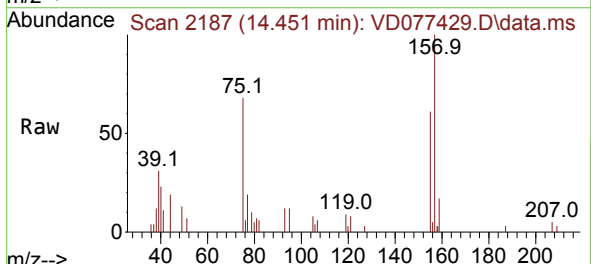


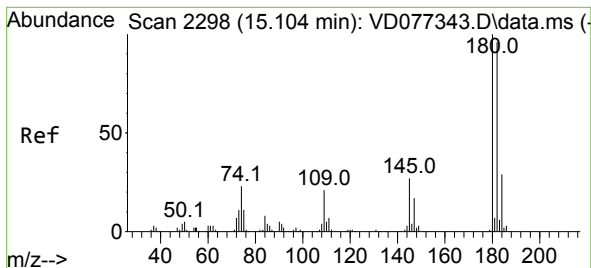
Tgt Ion:146 Resp: 108795
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.743 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077429.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 75 Resp: 6544
Ion Ratio Lower Upper
75 100
155 91.1 47.9 143.8
157 126.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.473 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

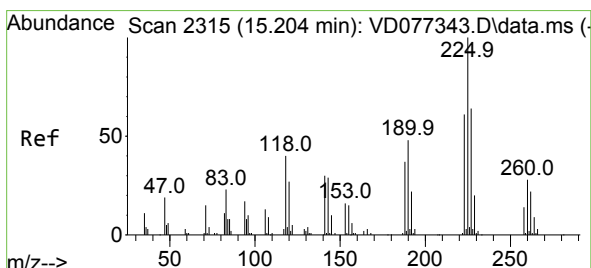
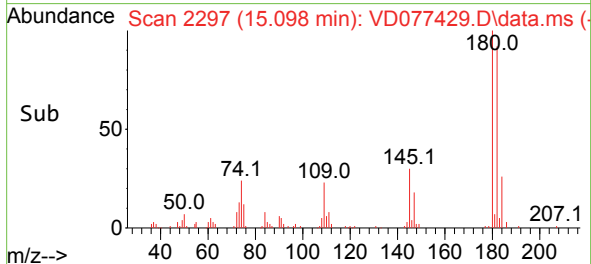
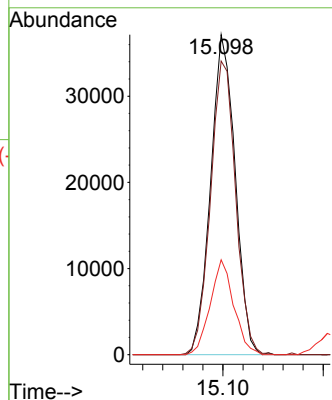
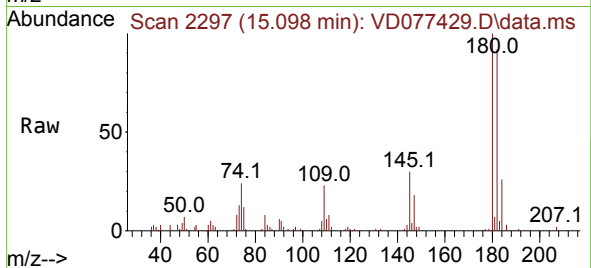
Tgt Ion:180 Resp: 62964

Ion Ratio Lower Upper

180 100

182 94.0 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 16.455 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

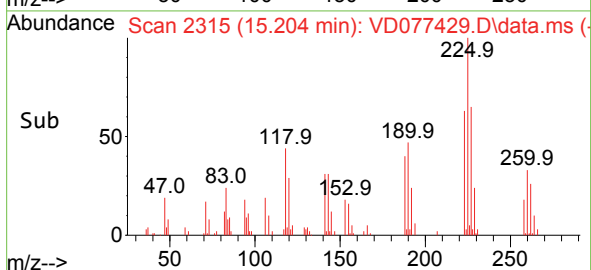
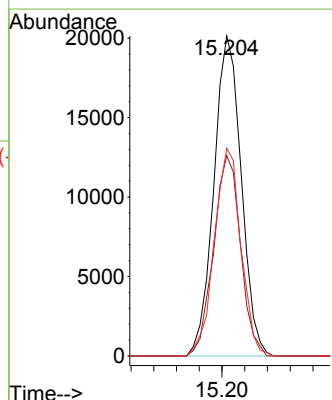
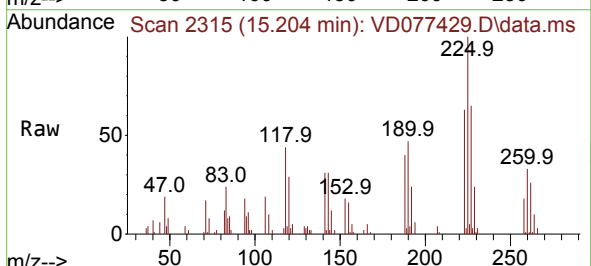
Tgt Ion:225 Resp: 33676

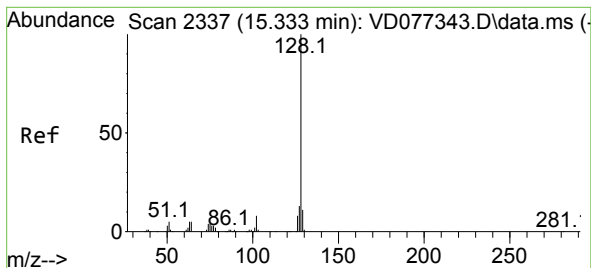
Ion Ratio Lower Upper

225 100

223 61.5 31.6 94.8

227 63.1 31.7 95.1





#95

Naphthalene

Concen: 17.660 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

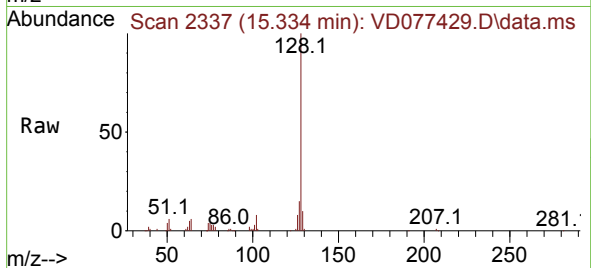
Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :



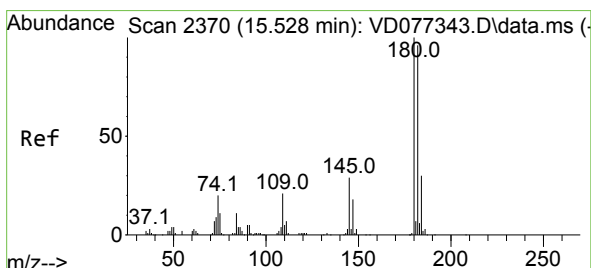
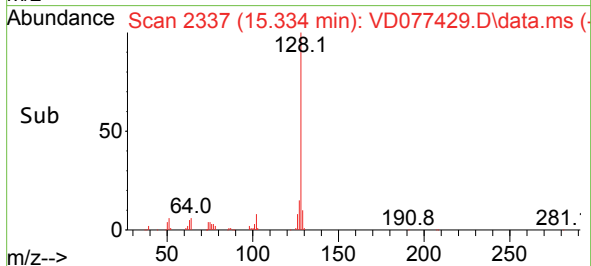
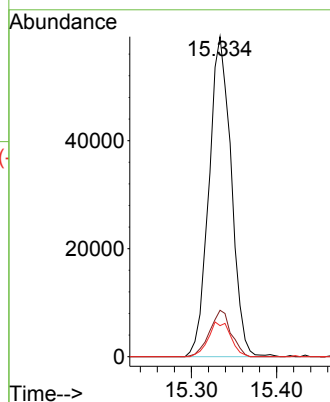
Tgt Ion:128 Resp: 107447

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 9.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.697 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077429.D

Acq: 26 Oct 2023 15:22

Tgt Ion:180 Resp: 55353

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 30.3 15.1 45.3

