

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077379.D
 Acq On : 23 Oct 2023 14:03
 Operator : JC/SY
 Sample : VD1023SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 23:39:27 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	7.875	168	189458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77102	45.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.805	113	89689	39.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.240%
50) Toluene-d8	10.269	98	331586	40.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.760%
62) 4-Bromofluorobenzene	12.575	95	94235	39.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	43580	24.742	ug/l	97
3) Chloromethane	2.152	50	76344	21.285	ug/l	100
4) Vinyl Chloride	2.287	62	103904	24.524	ug/l	96
5) Bromomethane	2.693	94	51211	18.809	ug/l	100
6) Chloroethane	2.840	64	60519	20.319	ug/l	97
7) Trichlorofluoromethane	3.181	101	100287	23.333	ug/l	100
8) Diethyl Ether	3.599	74	34756	30.171	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	68033	30.595	ug/l	94
10) Methyl Iodide	4.164	142	68940	25.338	ug/l	92
11) Tert butyl alcohol	5.058	59	25367	266.553	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	66276	30.382	ug/l	98
13) Acrolein	3.799	56	28274	171.149	ug/l	99
14) Allyl chloride	4.563	41	84060	40.614	ug/l	90
15) Acrylonitrile	5.252	53	73997	211.968	ug/l	98
16) Acetone	4.022	43	68513	184.681	ug/l	99
17) Carbon Disulfide	4.269	76	224276	34.974	ug/l	97
18) Methyl Acetate	4.563	43	53929	41.769	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	132245	35.593	ug/l	98
20) Methylene Chloride	4.799	84	94822	41.412	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	76695	33.804	ug/l	96
22) Diisopropyl ether	6.210	45	104495	25.719	ug/l	97
23) Vinyl Acetate	6.158	43	246119	129.260	ug/l	97
24) 1,1-Dichloroethane	6.110	63	81864	24.234	ug/l	98
25) 2-Butanone	7.075	43	50544	131.341	ug/l	92
26) 2,2-Dichloropropane	7.075	77	75654	24.562	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	55729	21.906	ug/l	96
28) Bromochloromethane	7.428	49	31357	25.411	ug/l	92
29) Tetrahydrofuran	7.446	42	27651	124.560	ug/l	99
30) Chloroform	7.593	83	90907	23.455	ug/l	98
31) Cyclohexane	7.881	56	61111	23.217	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	78016	23.332	ug/l	98
36) 1,1-Dichloropropene	8.004	75	66404	22.041	ug/l	98
37) Ethyl Acetate	7.169	43	19510	20.616	ug/l	99
38) Carbon Tetrachloride	7.993	117	71046	21.198	ug/l	96
39) Methylcyclohexane	9.275	83	73977	20.208	ug/l	97
40) Benzene	8.252	78	197369	21.587	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9968	22.070	ug/l	# 76
42) 1,2-Dichloroethane	8.328	62	48612	22.573	ug/l	97
43) Isopropyl Acetate	8.357	43	39822	23.374	ug/l	97
44) Trichloroethene	9.028	130	53681	20.082	ug/l	90
45) 1,2-Dichloropropane	9.304	63	49631	23.549	ug/l	97
46) Dibromomethane	9.393	93	27965	21.224	ug/l	96
47) Bromodichloromethane	9.587	83	69093	21.991	ug/l	99
48) Methyl methacrylate	9.381	41	18397	23.870	ug/l	88
49) 1,4-Dioxane	9.387	88	4901	401.568	ug/l	# 68
51) 4-Methyl-2-Pentanone	10.157	43	105496	123.527	ug/l	95
52) Toluene	10.334	92	129990	21.776	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	61379	21.764	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	76338	22.123	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	39716	21.763	ug/l	93
56) Ethyl methacrylate	10.598	69	37319	21.398	ug/l	96
57) 1,3-Dichloropropane	10.881	76	62690	22.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	101457	117.633	ug/l	98
59) 2-Hexanone	10.922	43	76030	123.952	ug/l	95
60) Dibromochloromethane	11.075	129	47340	20.315	ug/l	96
61) 1,2-Dibromoethane	11.181	107	38892	22.616	ug/l	96
64) Tetrachloroethene	10.810	164	46459	20.732	ug/l	97
65) Chlorobenzene	11.610	112	135591	20.632	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	50997	20.414	ug/l	98
67) Ethyl Benzene	11.687	91	226151	20.759	ug/l	97
68) m/p-Xylenes	11.793	106	187128	41.831	ug/l	96
69) o-Xylene	12.122	106	83392	20.250	ug/l	97
70) Styrene	12.134	104	148380	21.118	ug/l	100
71) Bromoform	12.298	173	27577	20.138	ug/l	# 98
73) Isopropylbenzene	12.422	105	211407	20.680	ug/l	98
74) N-amyl acetate	12.234	43	36992	25.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	46397	24.976	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	51601	25.985	ug/l	# 100
77) Bromobenzene	12.698	156	52522	19.570	ug/l	89
78) n-propylbenzene	12.763	91	275621	22.387	ug/l	98
79) 2-Chlorotoluene	12.851	91	147795	22.040	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	182364	21.617	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	15091	26.164	ug/l	89
82) 4-Chlorotoluene	12.951	91	160088	22.930	ug/l	97
83) tert-Butylbenzene	13.169	119	154829	20.701	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	184459	21.718	ug/l	97
85) sec-Butylbenzene	13.345	105	249987	22.212	ug/l	94
86) p-Isopropyltoluene	13.463	119	203177	20.780	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	117470	20.798	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	113021	20.193	ug/l	96
89) n-Butylbenzene	13.787	91	186877	21.950	ug/l	97
90) Hexachloroethane	14.057	117	42249	21.377	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	99869	20.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6028	26.511	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	55680	18.730	ug/l	95
94) Hexachlorobutadiene	15.210	225	32373	19.175	ug/l	96
95) Naphthalene	15.334	128	99840	19.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	48583	18.829	ug/l	99

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QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

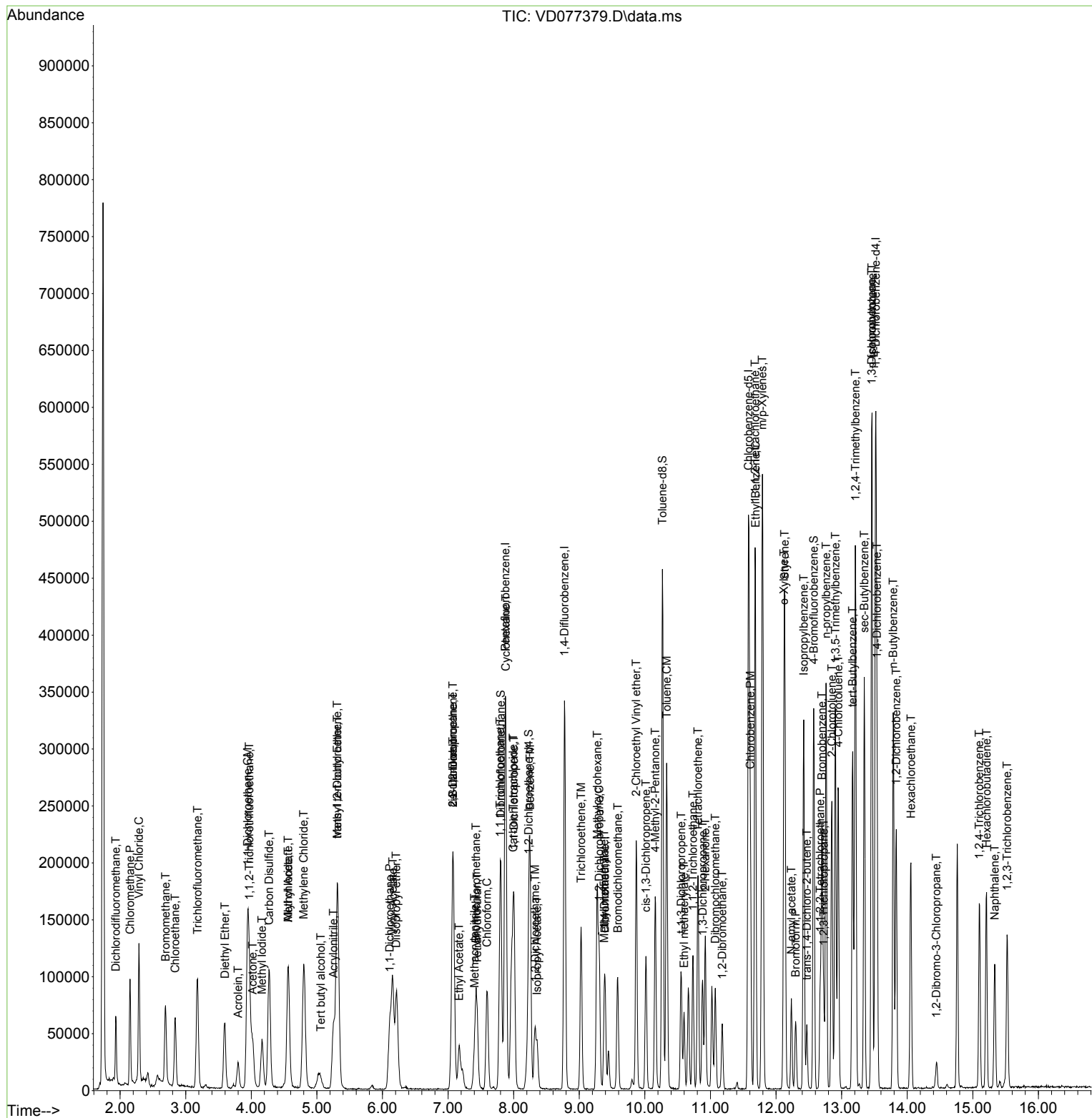
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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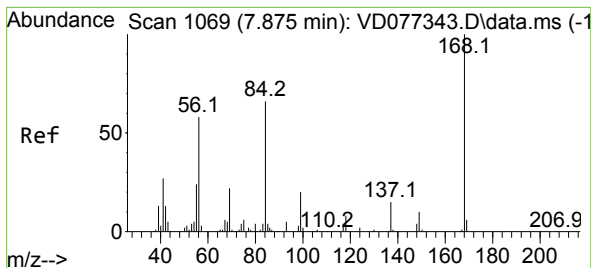
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077379.D

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Instrument :

MSVOA_D

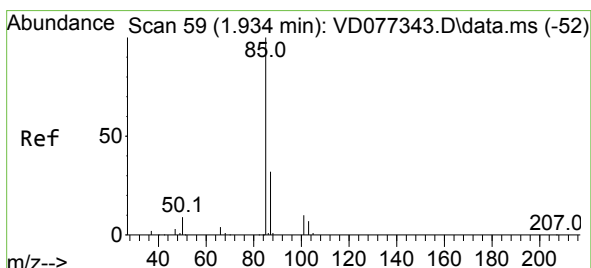
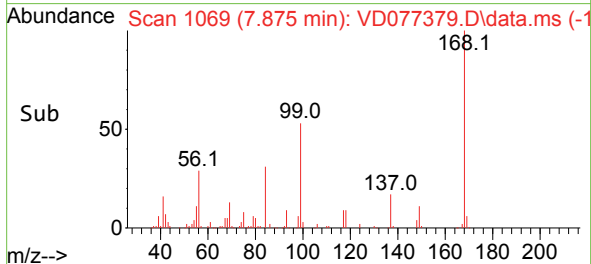
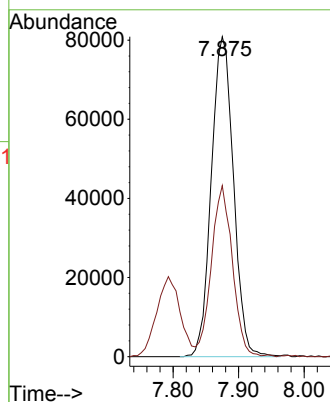
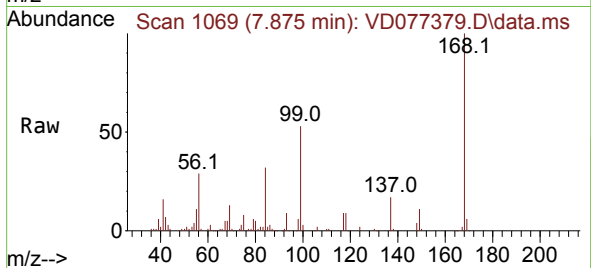
ClientSampleId :

Tgt Ion:168 Resp: 189458

Ion Ratio Lower Upper

168 100

99 53.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 24.742 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077379.D

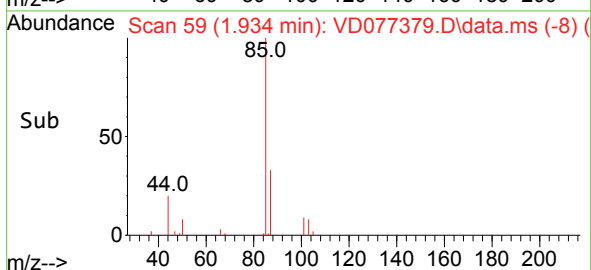
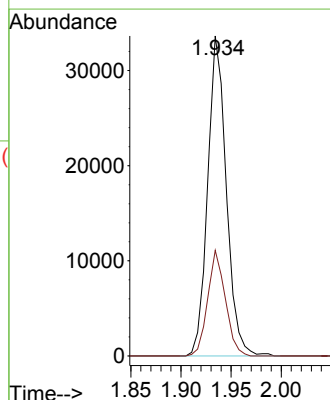
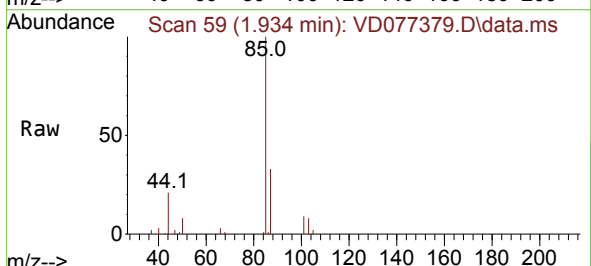
Acq: 23 Oct 2023 14:03

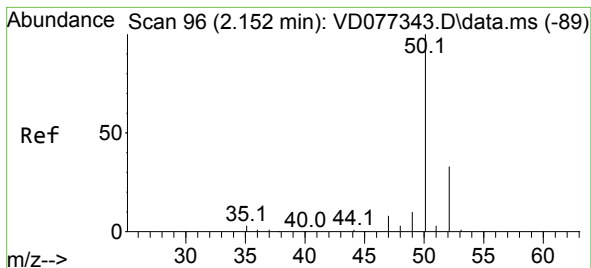
Tgt Ion: 85 Resp: 43580

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.0





#3

Chloromethane

Concen: 21.285 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

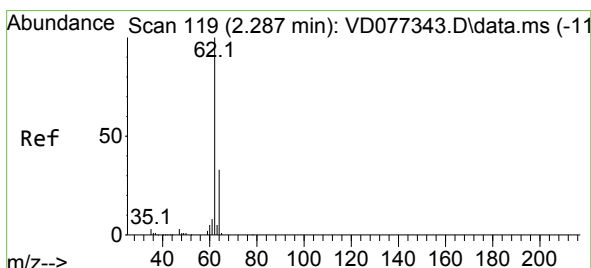
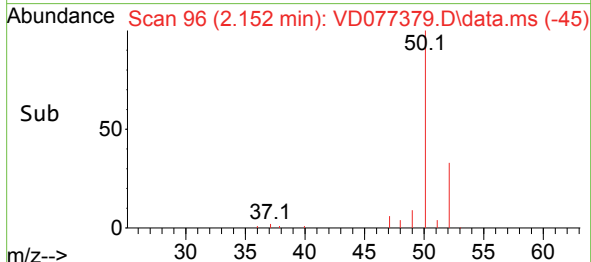
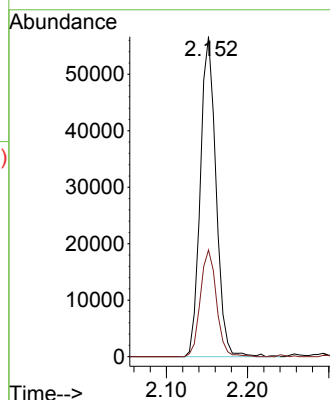
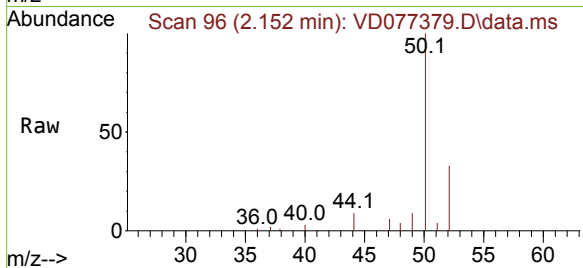
ClientSampleId :

Tgt Ion: 50 Resp: 76344

Ion Ratio Lower Upper

50 100

52 33.4 26.6 40.0



#4

Vinyl Chloride

Concen: 24.524 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD077379.D

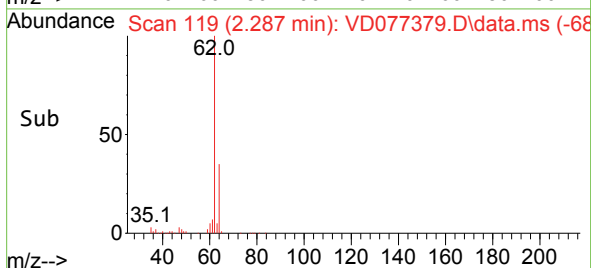
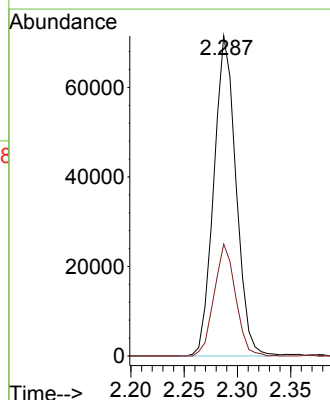
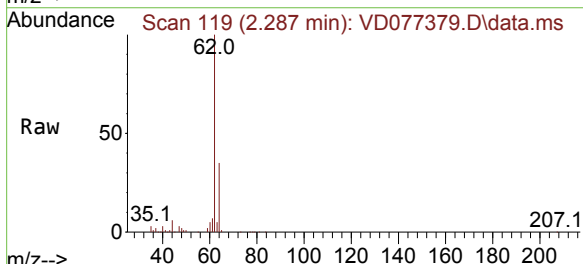
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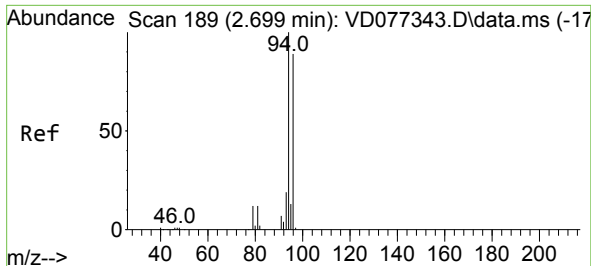
Tgt Ion: 62 Resp: 103904

Ion Ratio Lower Upper

62 100

64 35.0 26.0 39.0

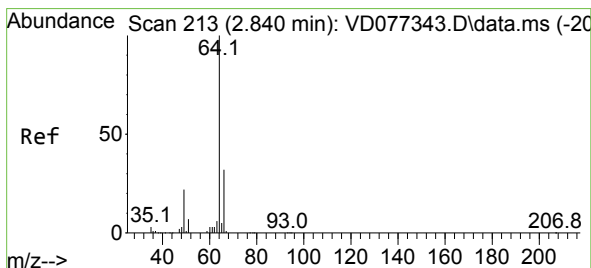
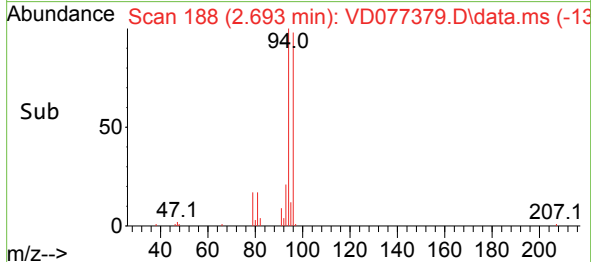
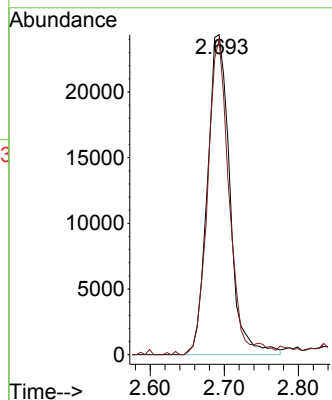
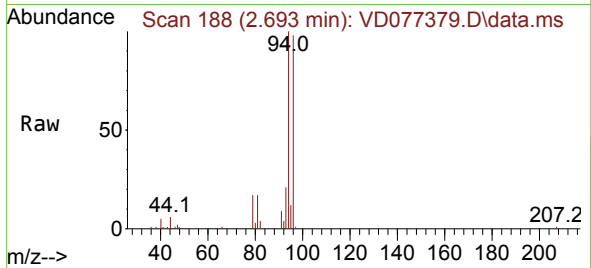




#5
Bromomethane
Concen: 18.809 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077379.D
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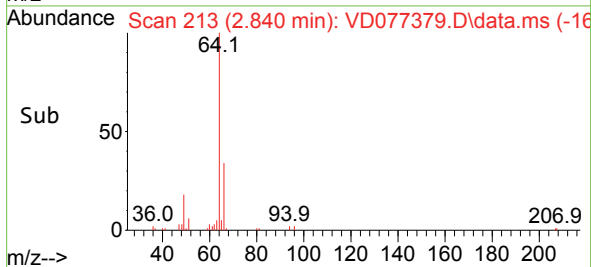
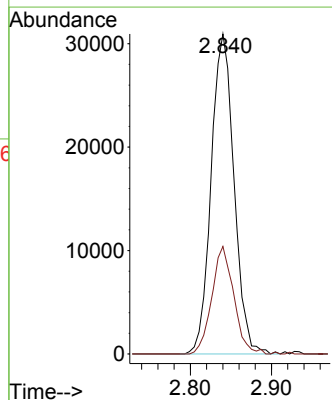
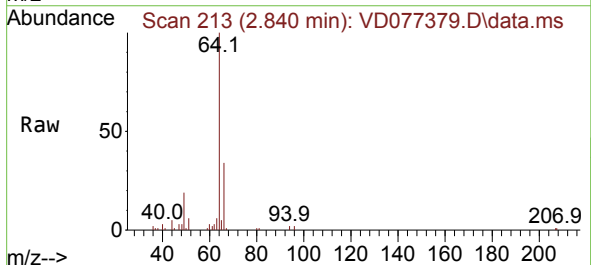
Instrument :
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ClientSampleId :

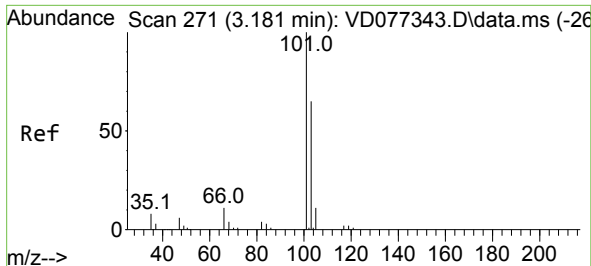
Tgt Ion: 94 Resp: 51211
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 20.319 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 64 Resp: 60519
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

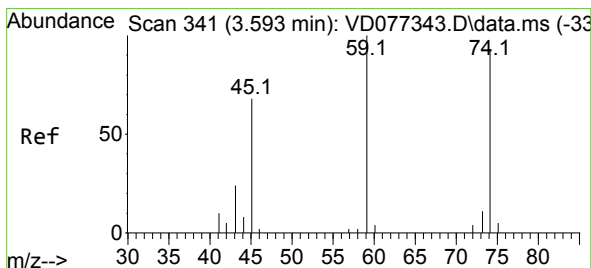
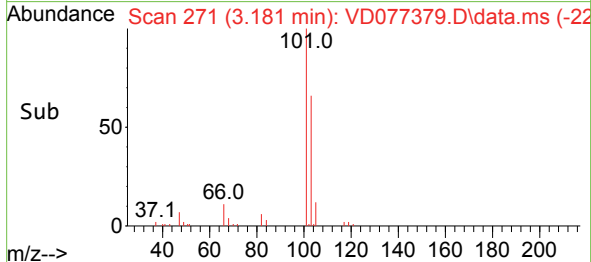
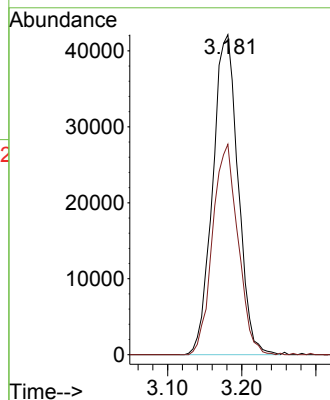
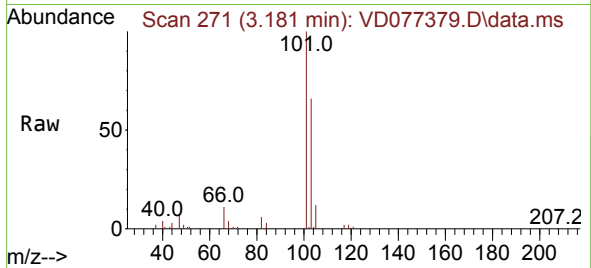




#7
 Trichlorofluoromethane
 Concen: 23.333 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

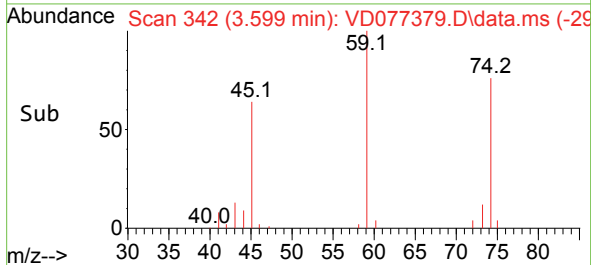
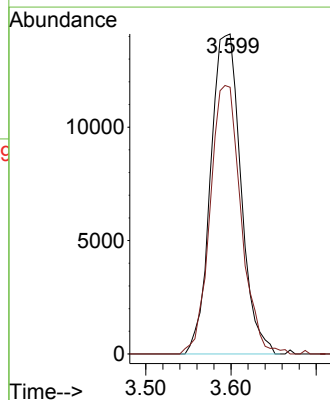
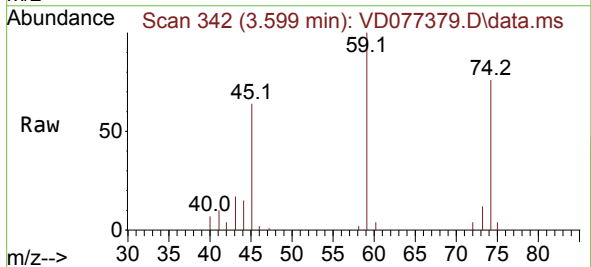
Instrument :
 MSVOA_D
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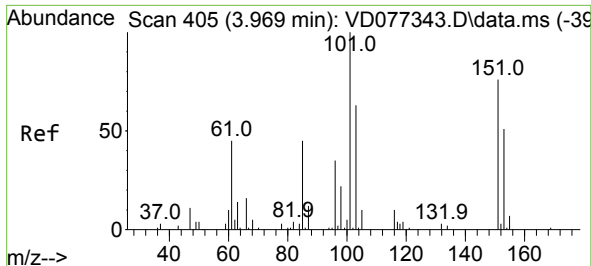
Tgt Ion:101 Resp: 100287
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 30.171 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

Tgt Ion: 74 Resp: 34756
 Ion Ratio Lower Upper
 74 100
 45 85.7 37.5 112.7

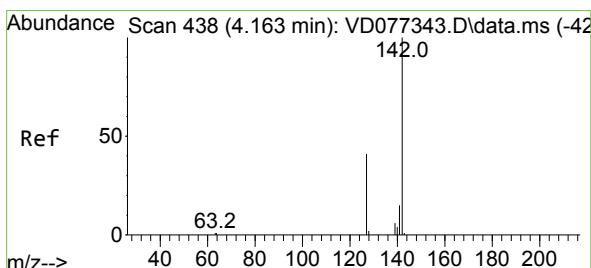
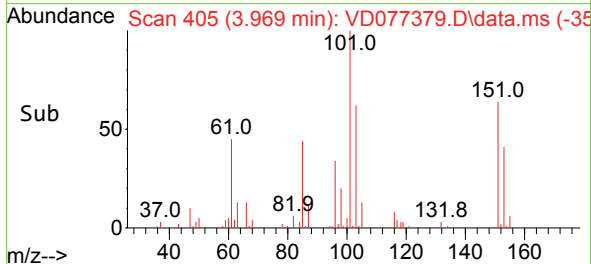
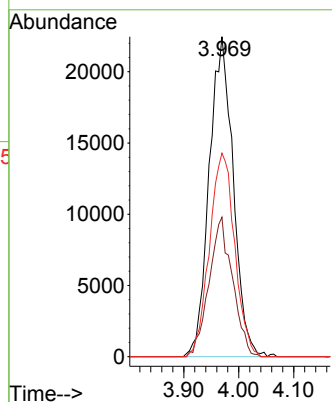
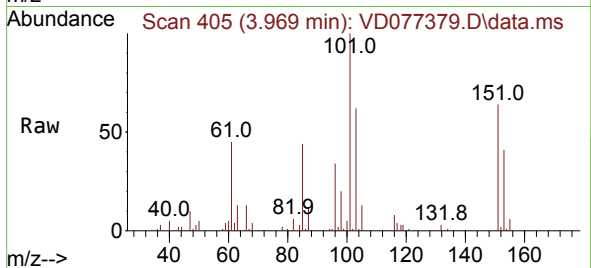




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.595 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

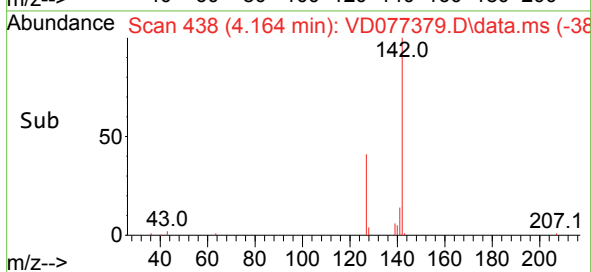
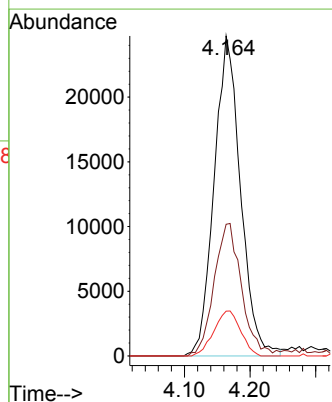
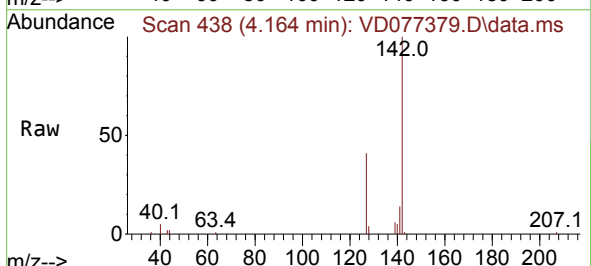
Instrument :
MSVOA_D
ClientSampleId :

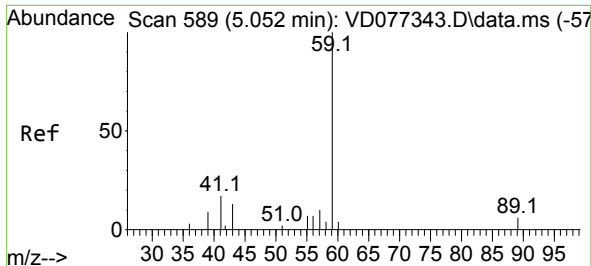
Tgt Ion:101 Resp: 68033
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 66.7 59.8 89.6



#10
Methyl Iodide
Concen: 25.338 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

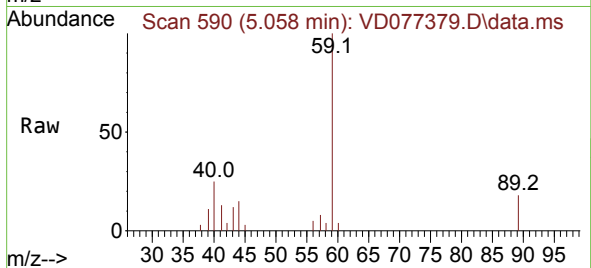
Tgt Ion:142 Resp: 68940
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.3 11.1 16.7



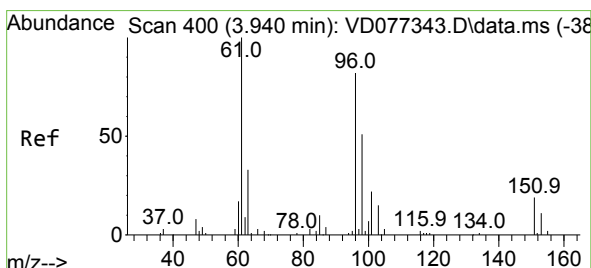
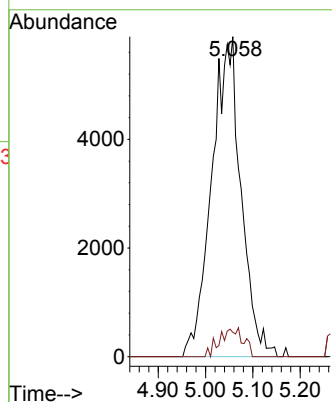
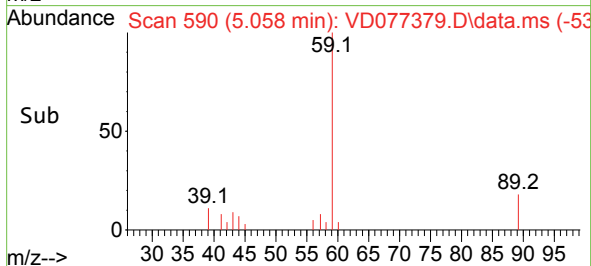


#11
Tert butyl alcohol
Concen: 266.553 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

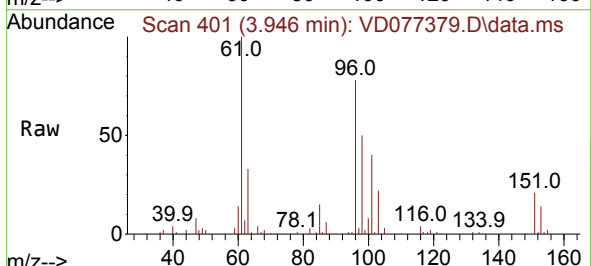
Instrument :
MSVOA_D
ClientSampleId :



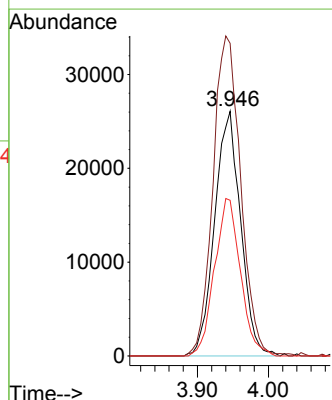
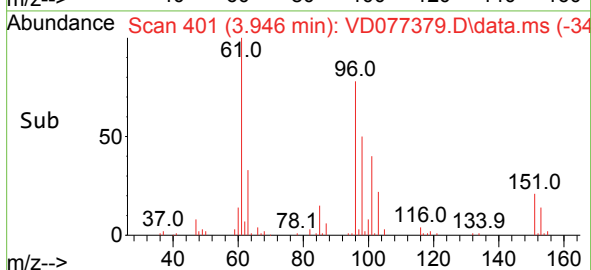
Tgt Ion: 59 Resp: 25367
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#

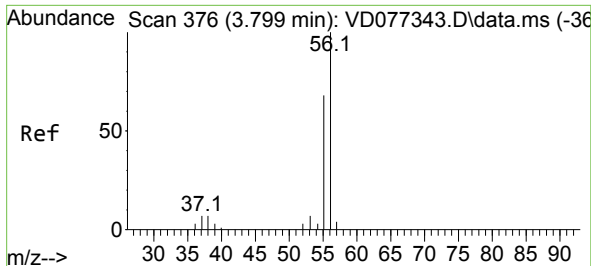


#12
1,1-Dichloroethene
Concen: 30.382 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03



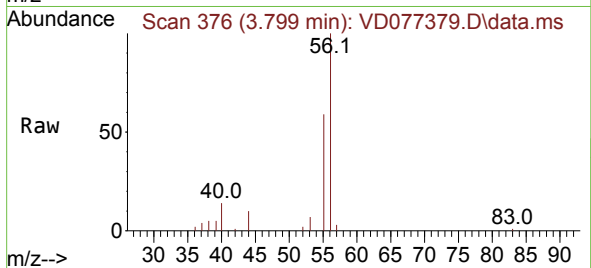
Tgt Ion: 96 Resp: 66276
Ion Ratio Lower Upper
96 100
61 127.8 100.6 150.8
98 63.6 50.2 75.2



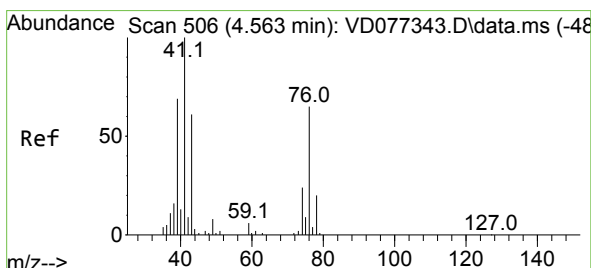
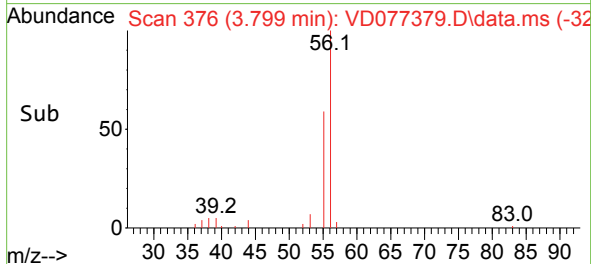
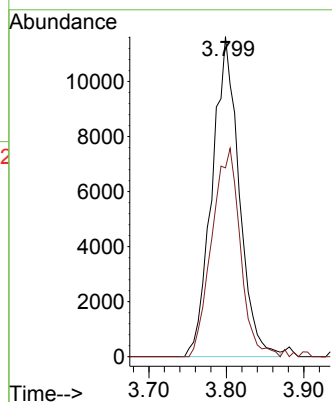


#13
Acrolein
Concen: 171.149 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

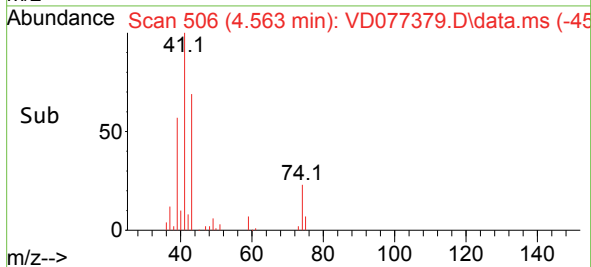
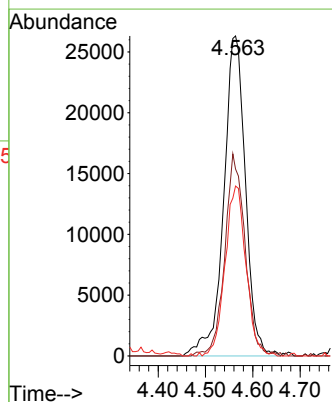
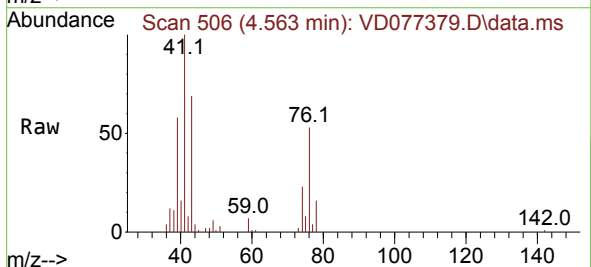


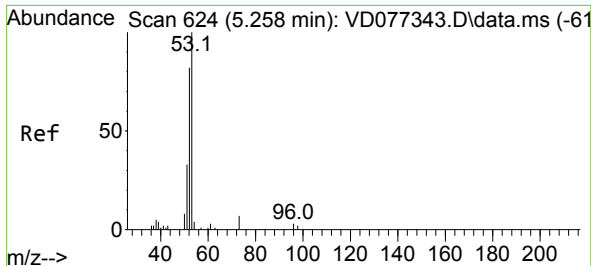
Tgt Ion: 56 Resp: 28274
Ion Ratio Lower Upper
56 100
55 68.2 55.1 82.7



#14
Allyl chloride
Concen: 40.614 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

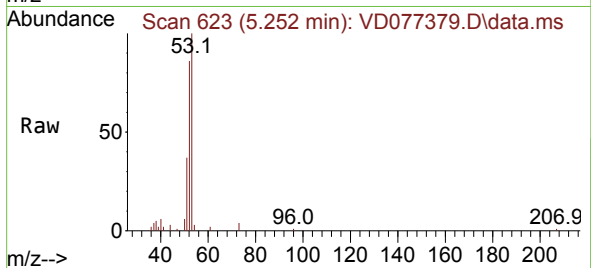
Tgt Ion: 41 Resp: 84060
Ion Ratio Lower Upper
41 100
39 58.6 53.8 80.6
76 51.1 45.8 68.8



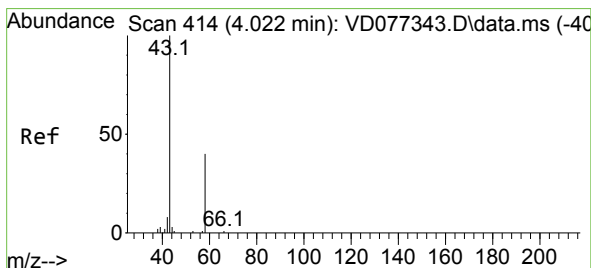
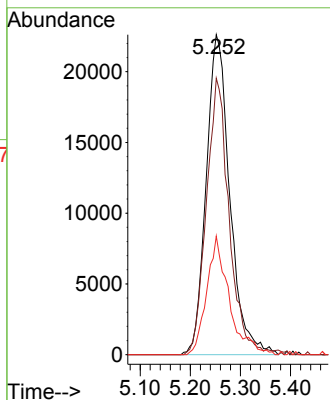
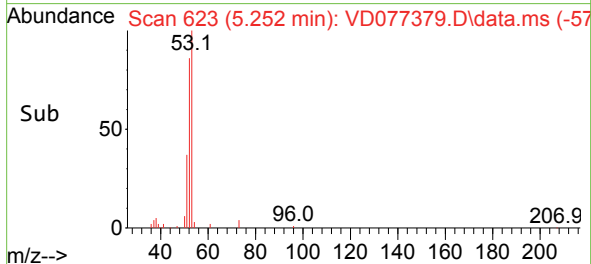


#15
Acrylonitrile
Concen: 211.968 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

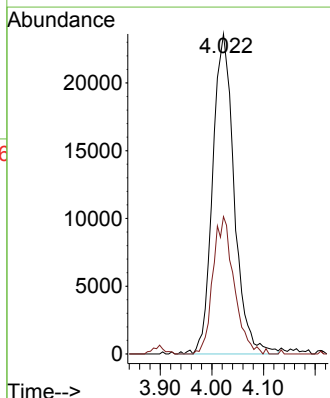
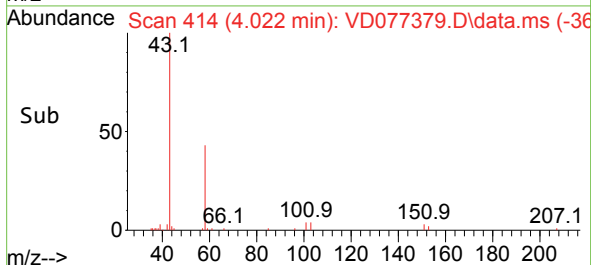
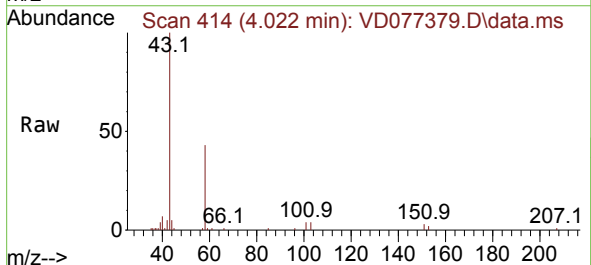


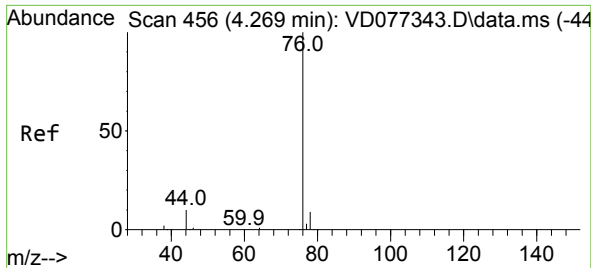
Tgt Ion: 53 Resp: 73997
Ion Ratio Lower Upper
53 100
52 83.5 65.0 97.4
51 35.3 28.3 42.5



#16
Acetone
Concen: 184.681 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

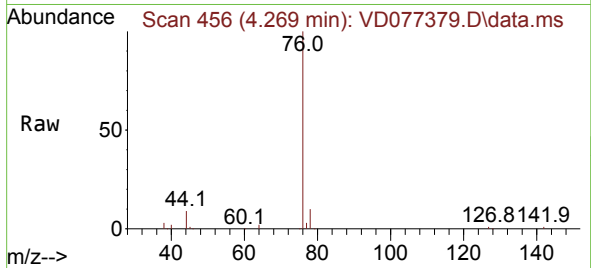
Tgt Ion: 43 Resp: 68513
Ion Ratio Lower Upper
43 100
58 42.9 34.7 52.1



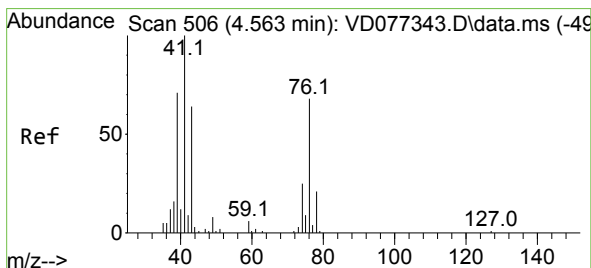
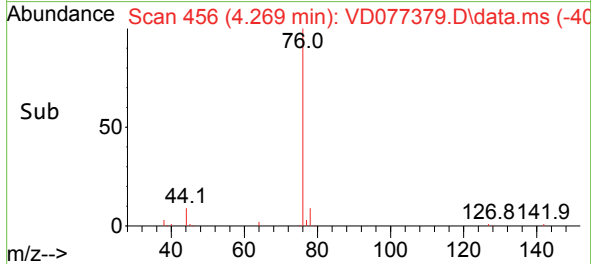
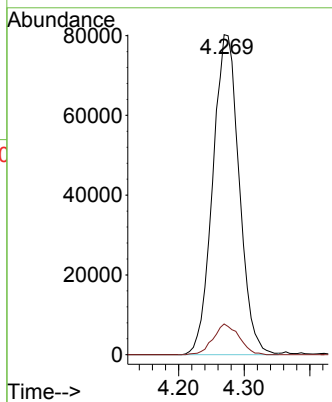


#17
Carbon Disulfide
Concen: 34.974 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

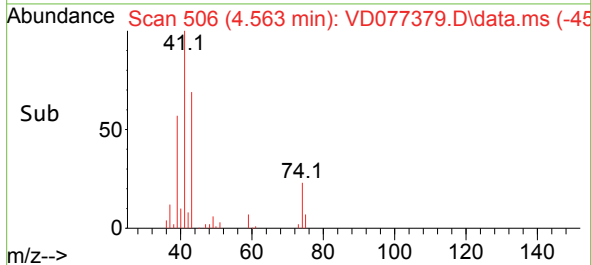
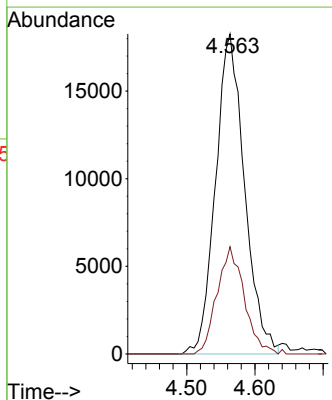
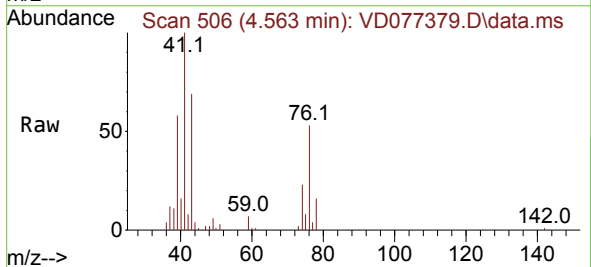


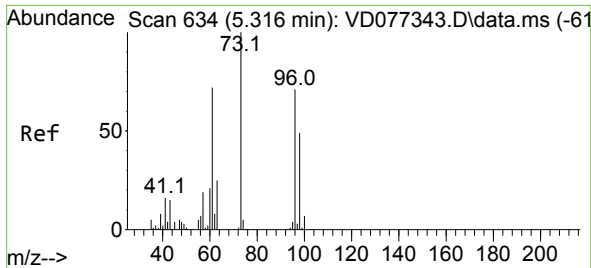
Tgt Ion: 76 Resp: 224276
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 41.769 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 43 Resp: 53929
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6

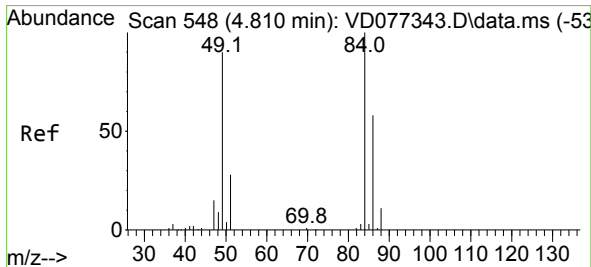
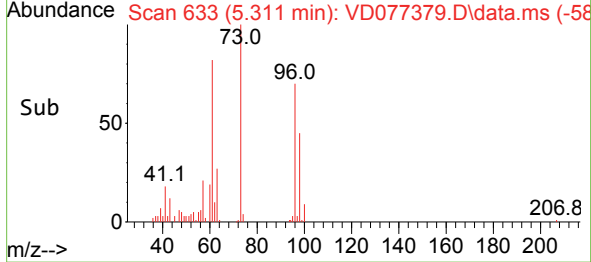
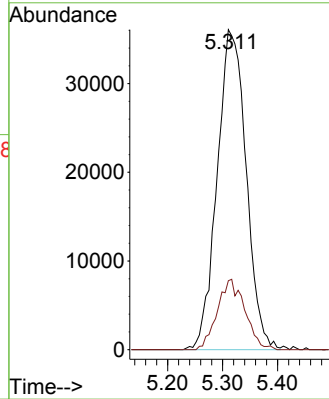
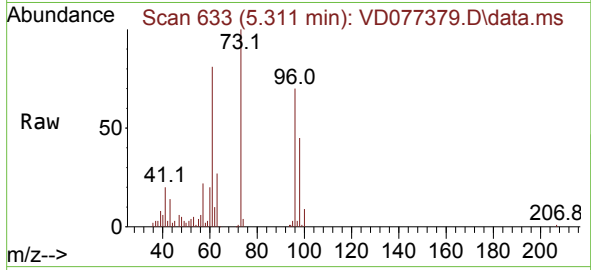




#19
Methyl tert-butyl Ether
Concen: 35.593 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

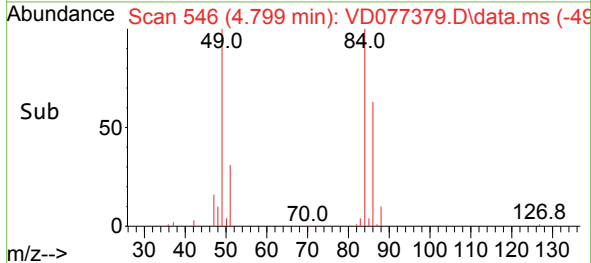
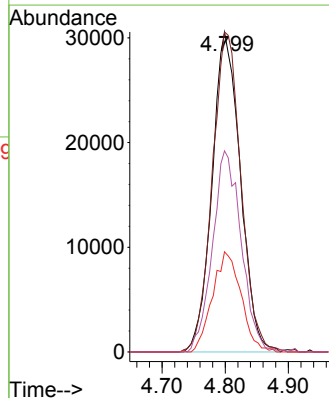
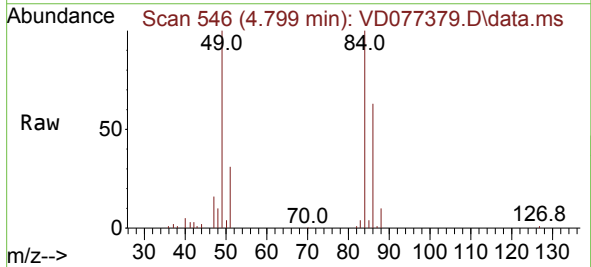
Instrument :
MSVOA_D
ClientSampleId :

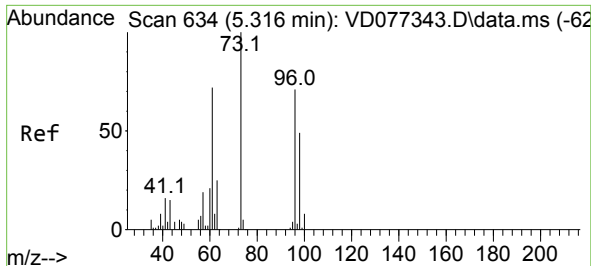
Tgt Ion: 73 Resp: 132245
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0



#20
Methylene Chloride
Concen: 41.412 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 84 Resp: 94822
Ion Ratio Lower Upper
84 100
49 100.0 71.4 107.2
51 31.3 24.5 36.7
86 62.8 48.7 73.1

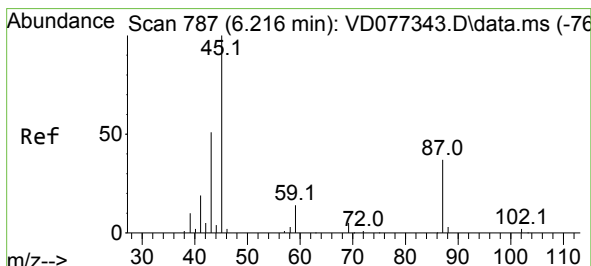
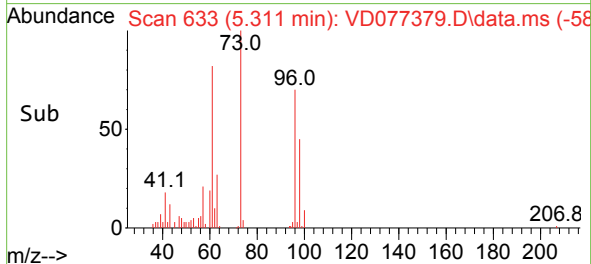
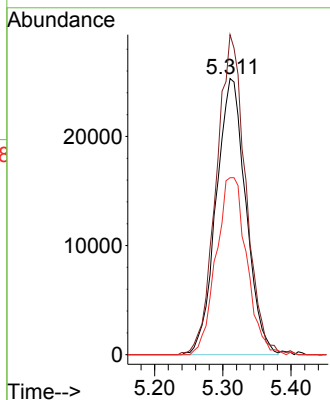
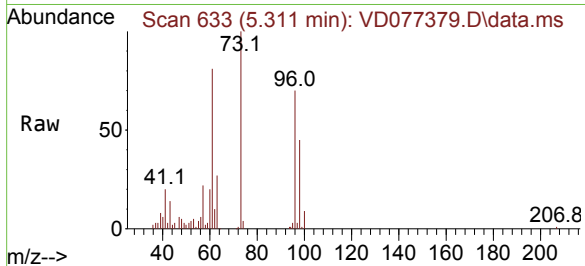




#21
trans-1,2-Dichloroethene
Concen: 33.804 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

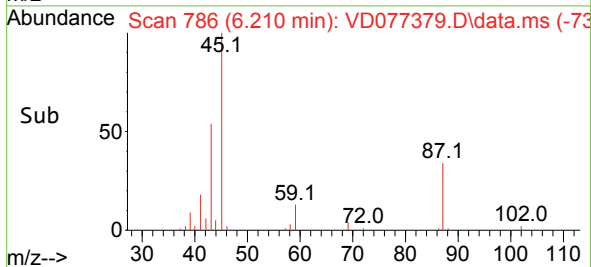
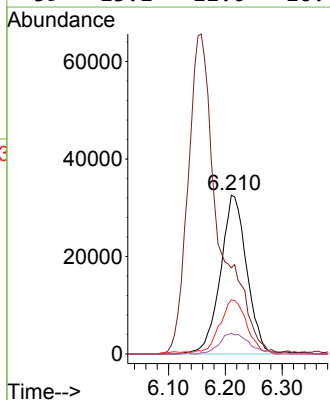
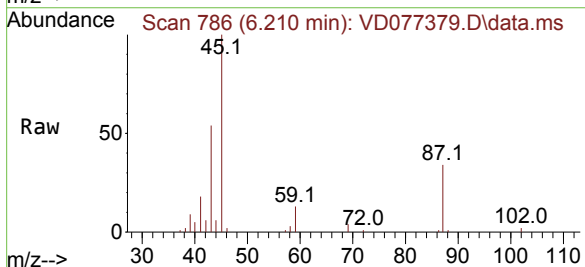
Instrument :
MSVOA_D
ClientSampleId :

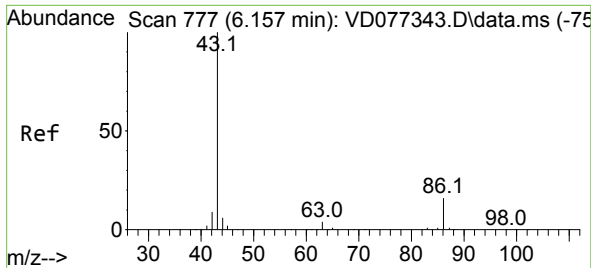
Tgt Ion: 96 Resp: 76695
Ion Ratio Lower Upper
96 100
61 115.9 89.3 133.9
98 64.0 48.6 73.0



#22
Diisopropyl ether
Concen: 25.719 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 45 Resp: 104495
Ion Ratio Lower Upper
45 100
43 53.3 40.0 60.0
87 34.1 28.2 42.4
59 13.1 11.0 16.4

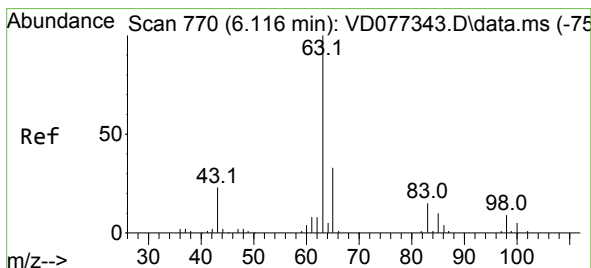
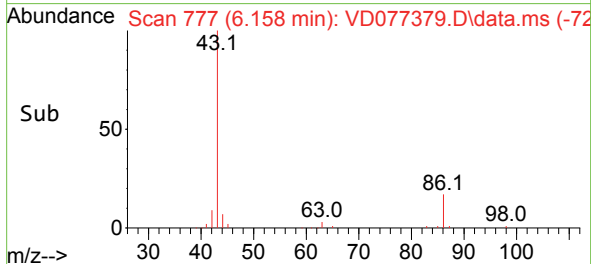
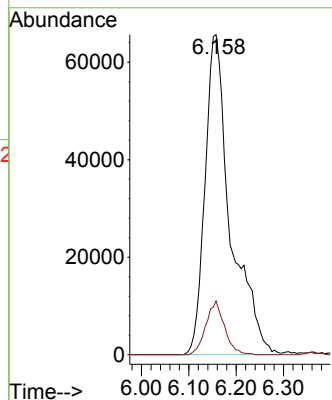
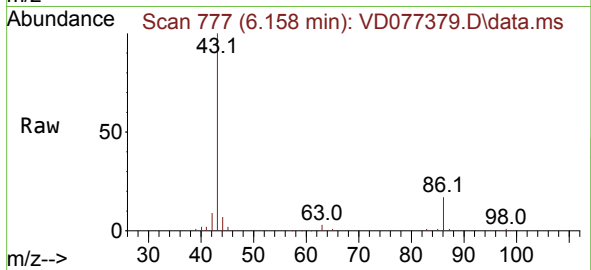




#23
 Vinyl Acetate
 Concen: 129.260 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

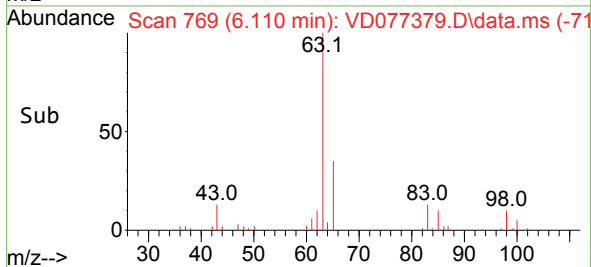
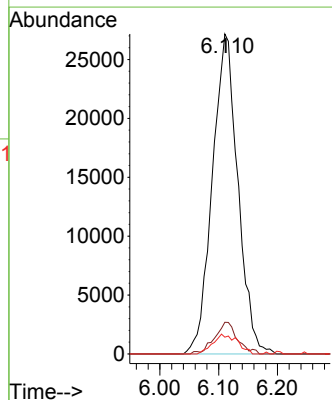
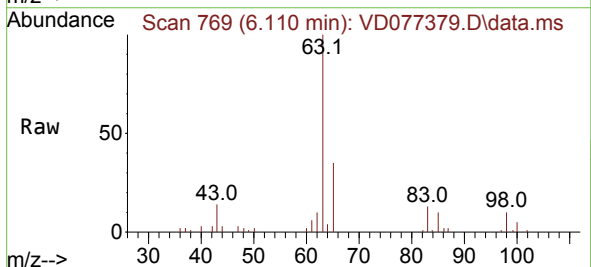
Instrument :
 MSVOA_D
 ClientSampleId :

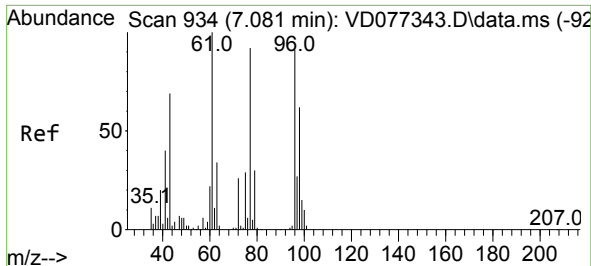
Tgt Ion: 43 Resp: 246119
 Ion Ratio Lower Upper
 43 100
 86 16.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 24.234 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

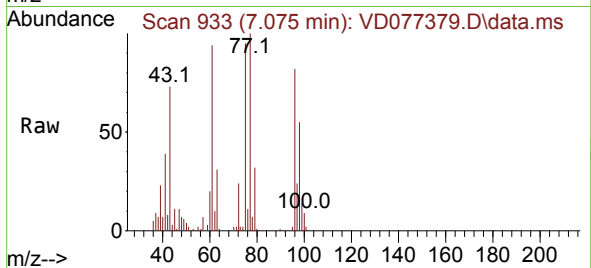
Tgt Ion: 63 Resp: 81864
 Ion Ratio Lower Upper
 63 100
 98 9.9 4.5 13.7
 100 5.3 2.5 7.5



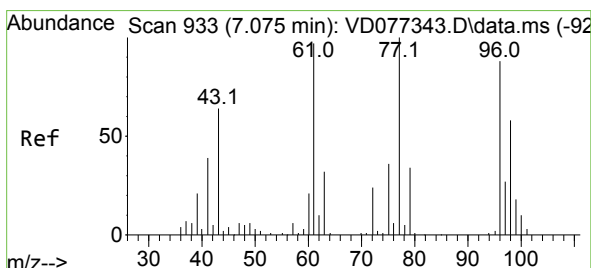
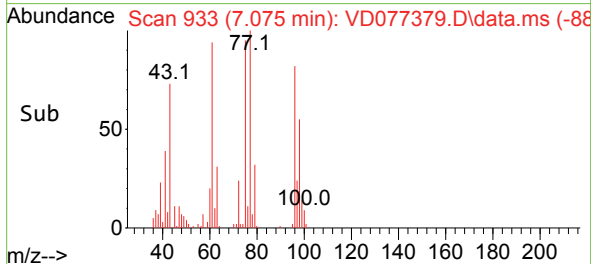
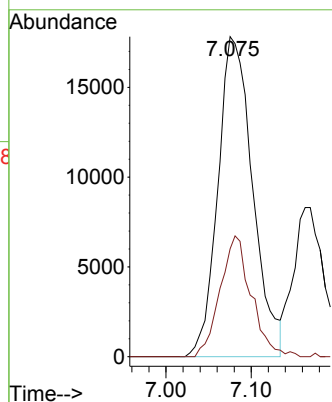


#25
2-Butanone
Concen: 131.341 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

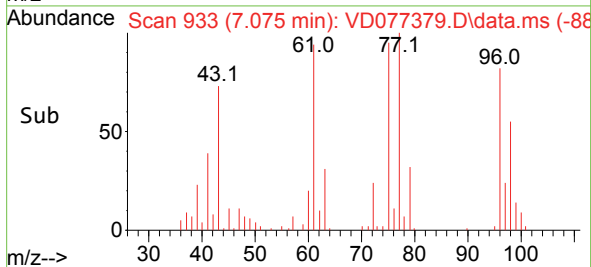
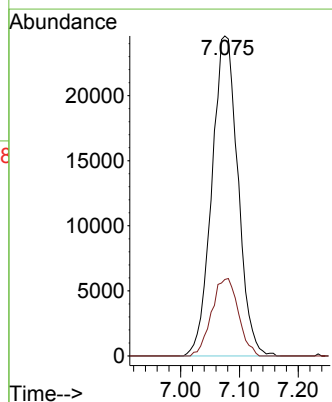
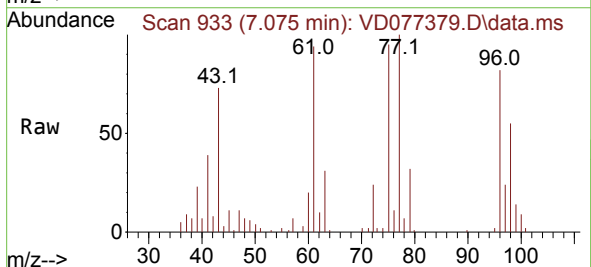


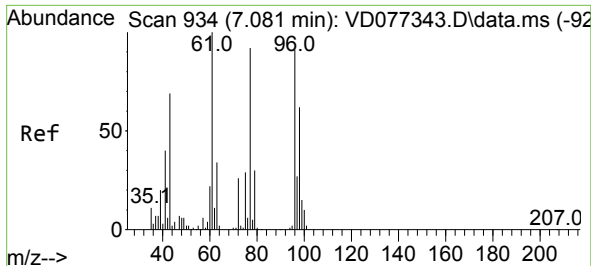
Tgt Ion: 43 Resp: 50544
Ion Ratio Lower Upper
43 100
72 33.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 24.562 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

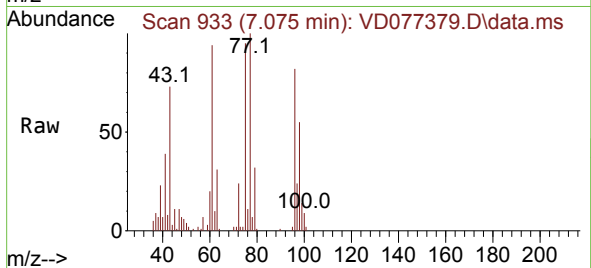
Tgt Ion: 77 Resp: 75654
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6



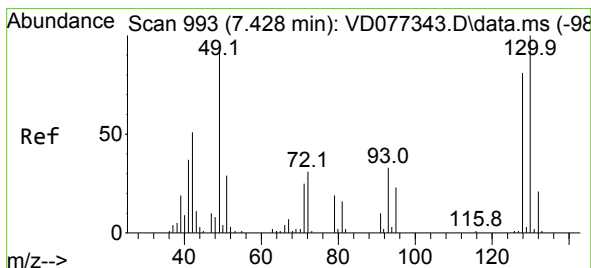
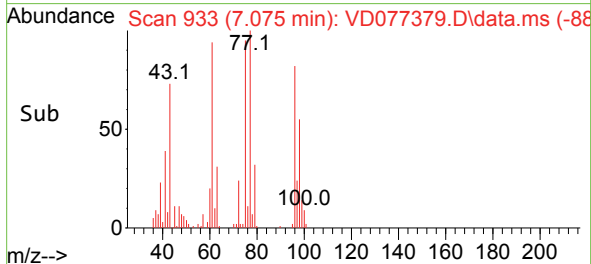
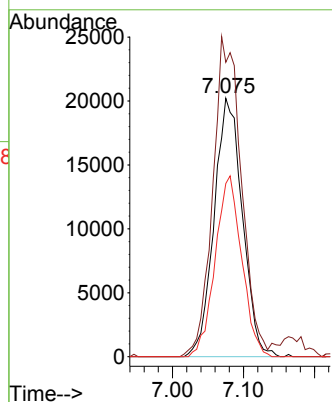


#27
 cis-1,2-Dichloroethene
 Concen: 21.906 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

Instrument :
 MSVOA_D
 ClientSampleId :

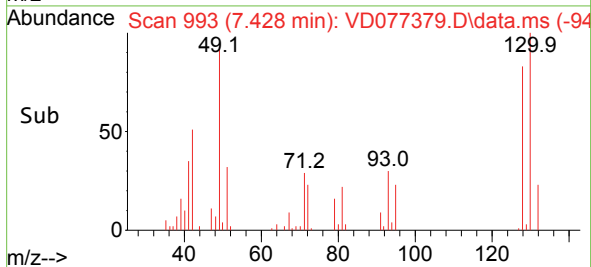
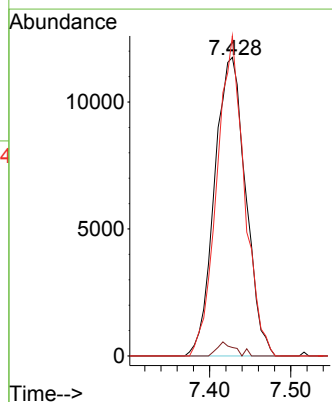
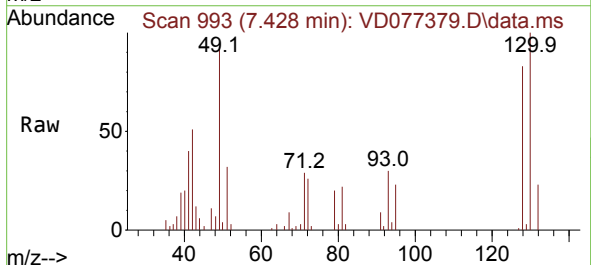


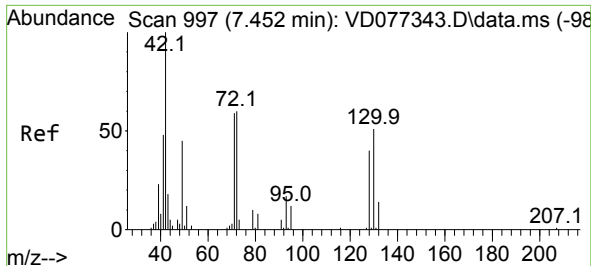
Tgt Ion: 96 Resp: 55729
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 239.2
 98 65.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 25.411 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

Tgt Ion: 49 Resp: 31357
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 95.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 124.560 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

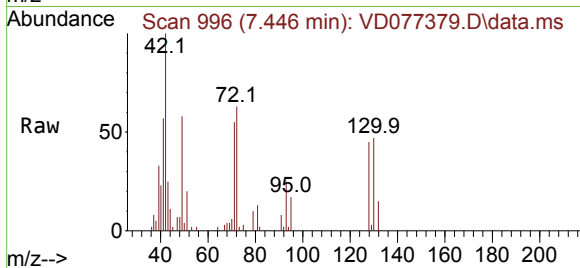
Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

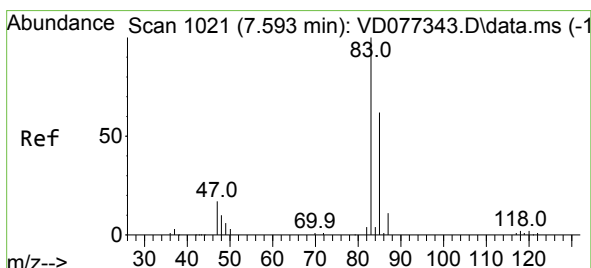
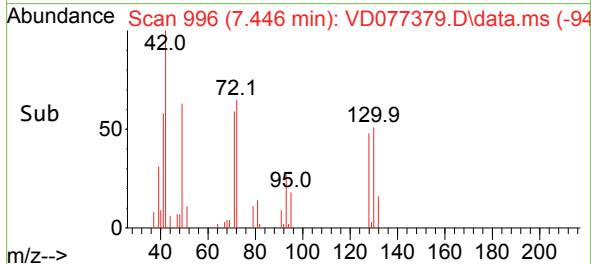
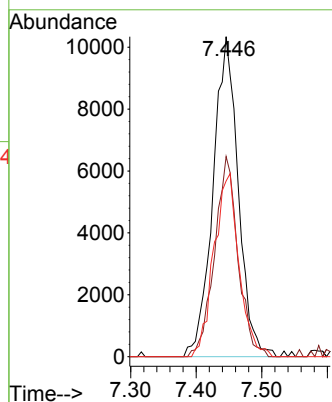
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	27651
Ion	Ratio	Lower	Upper
42	100		
72	58.0	46.5	69.7
71	56.7	44.5	66.7



#30

Chloroform

Concen: 23.455 ug/l

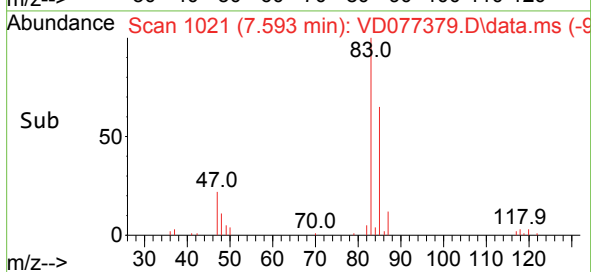
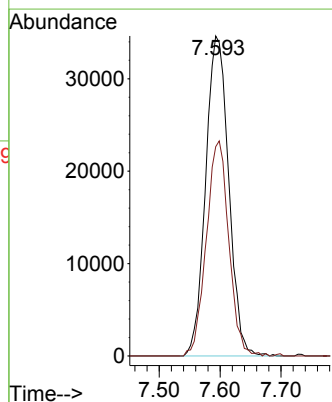
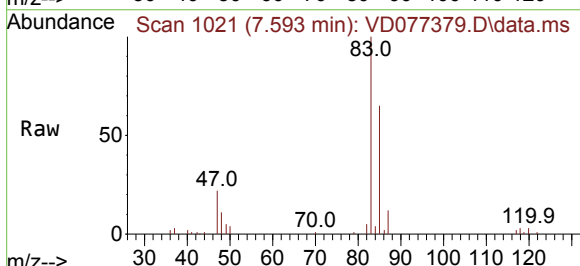
RT: 7.593 min Scan# 1021

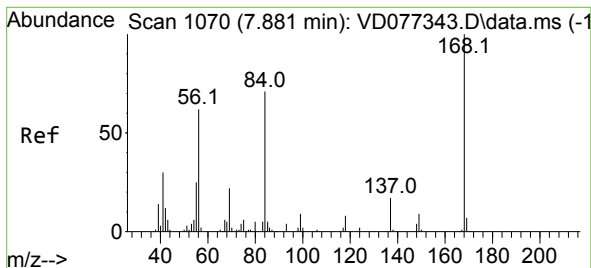
Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Tgt Ion:	83	Resp:	90907
Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.4	80.2





#31

Cyclohexane

Concen: 23.217 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

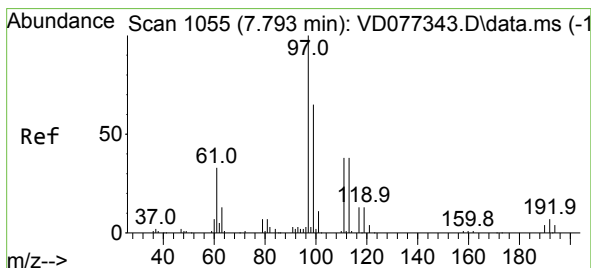
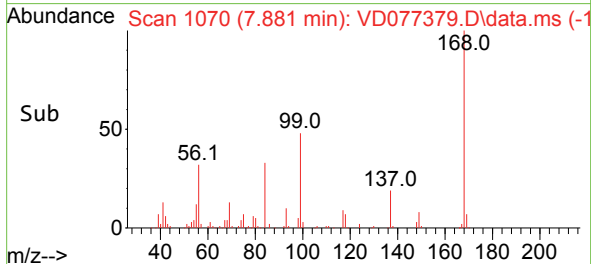
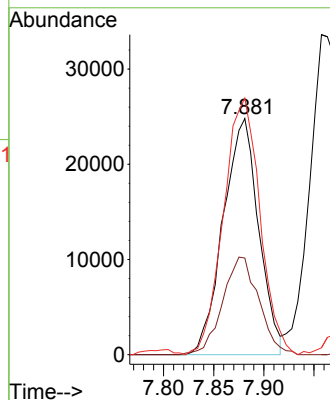
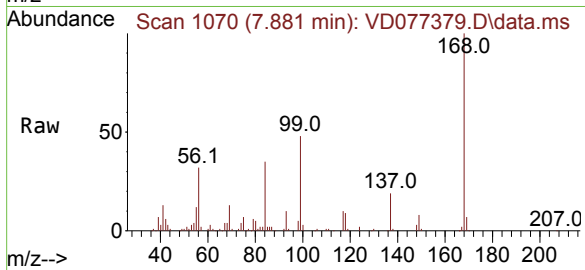
Tgt Ion: 56 Resp: 61111

Ion Ratio Lower Upper

56 100

69 40.9 28.6 43.0

84 107.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 23.332 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

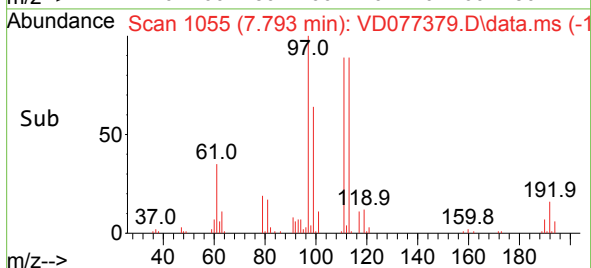
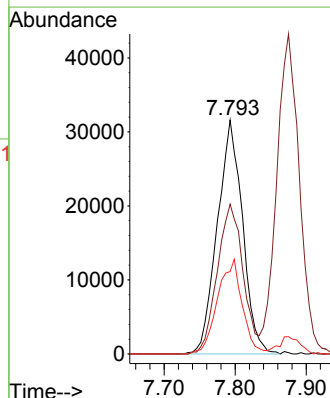
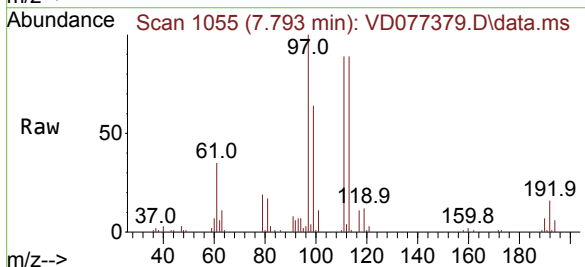
Tgt Ion: 97 Resp: 78016

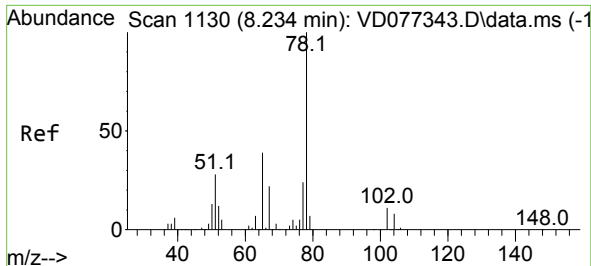
Ion Ratio Lower Upper

97 100

99 65.7 52.0 78.0

61 39.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.575 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

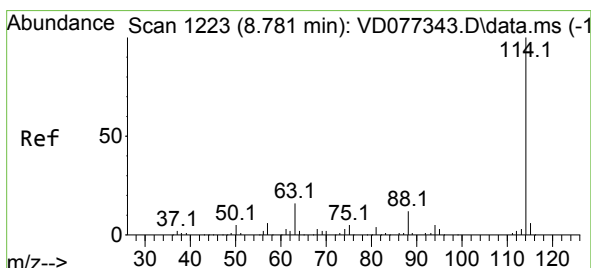
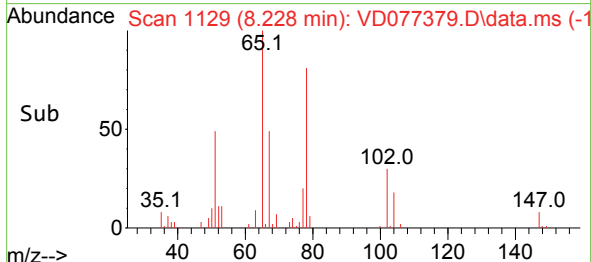
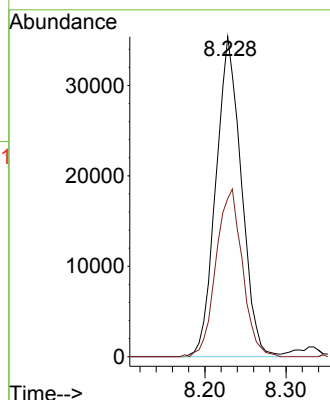
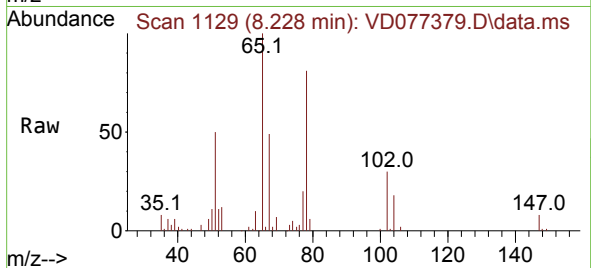
ClientSampleId :

Tgt Ion: 65 Resp: 77102

Ion Ratio Lower Upper

65 100

67 54.3 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: VD077379.D

Acq: 23 Oct 2023 14:03

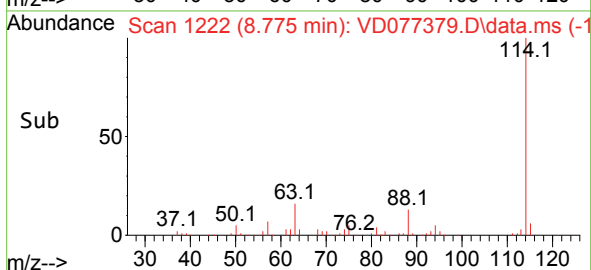
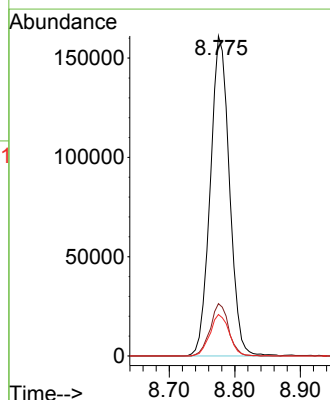
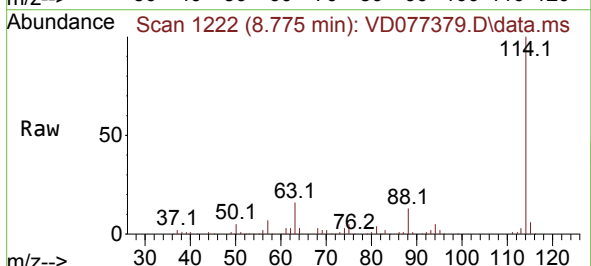
Tgt Ion: 114 Resp: 326366

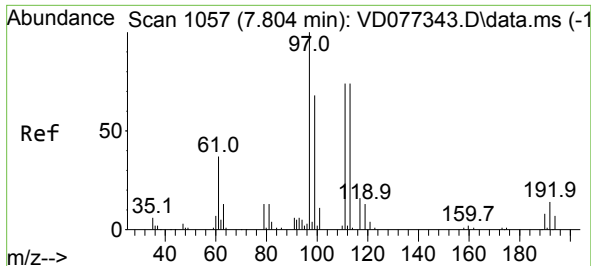
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 39.117 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

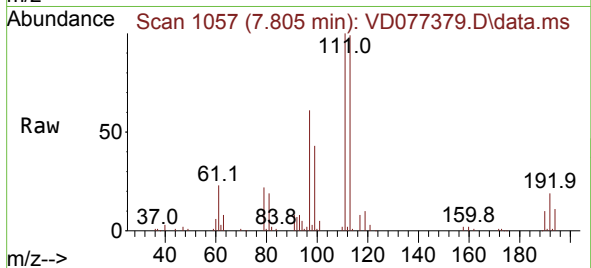
Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



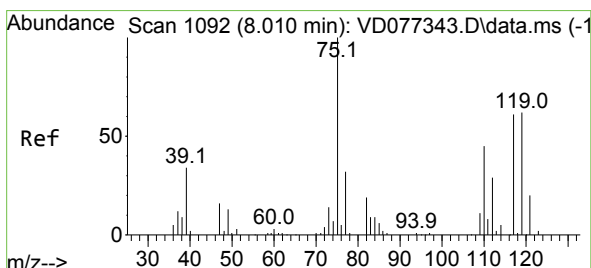
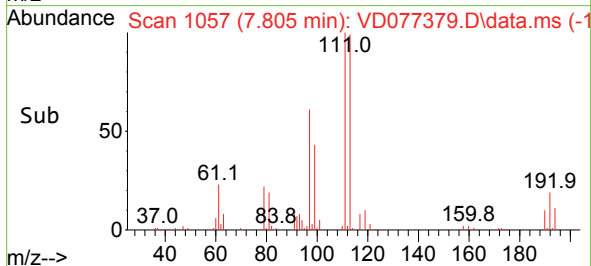
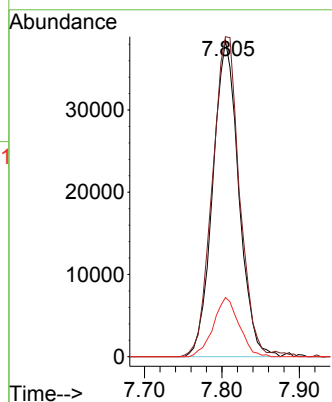
Tgt Ion:113 Resp: 89689

Ion Ratio Lower Upper

113 100

111 105.8 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 22.041 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

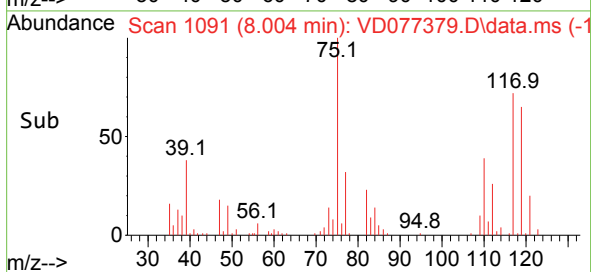
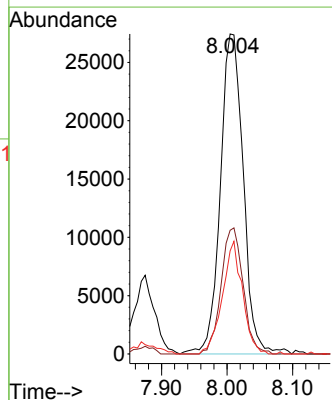
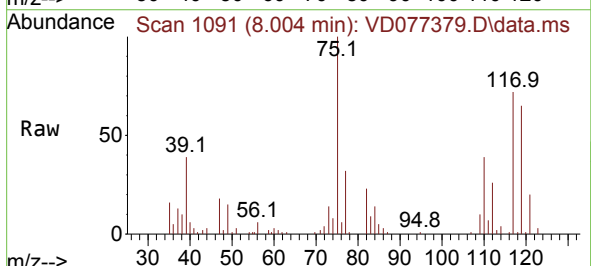
Tgt Ion: 75 Resp: 66404

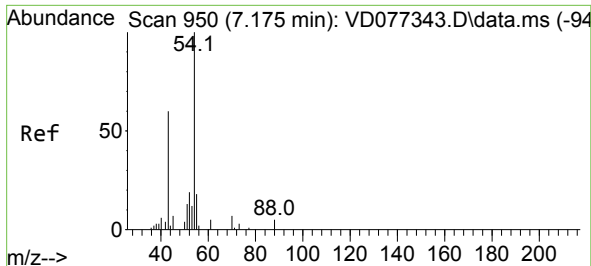
Ion Ratio Lower Upper

75 100

110 37.9 19.9 59.6

77 31.0 24.7 37.1

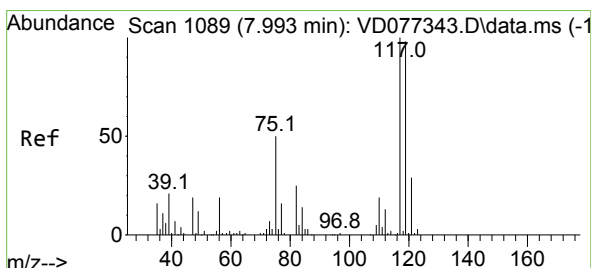
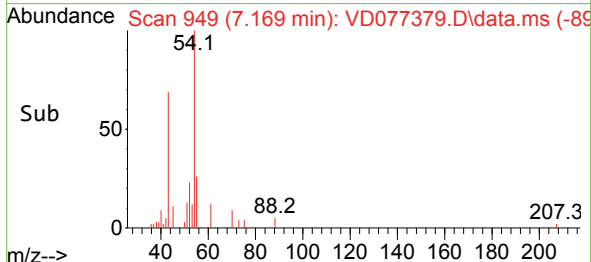
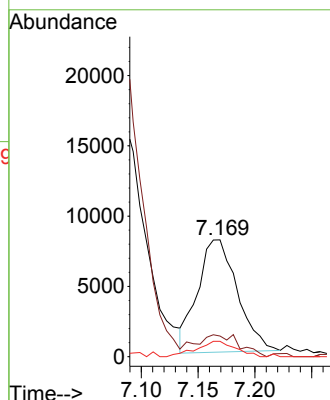
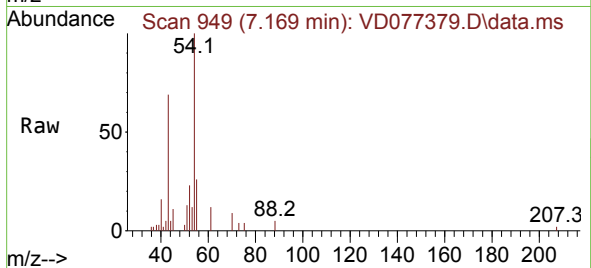




#37
Ethyl Acetate
Concen: 20.616 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

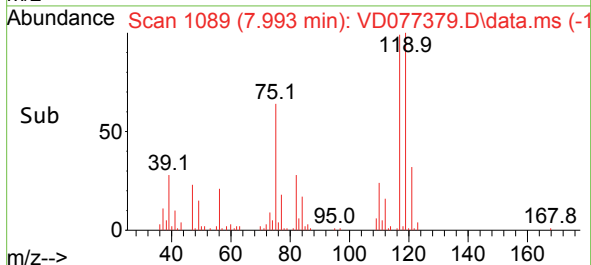
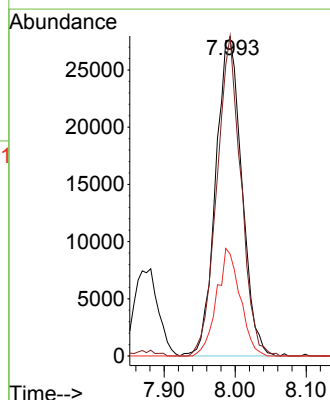
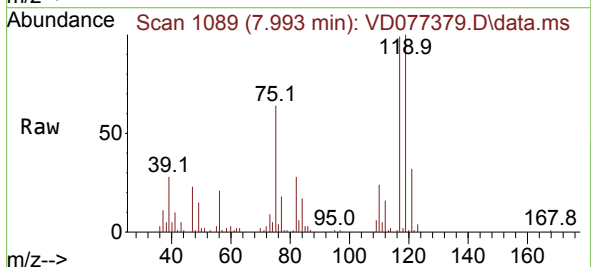
Instrument :
MSVOA_D
ClientSampleId :

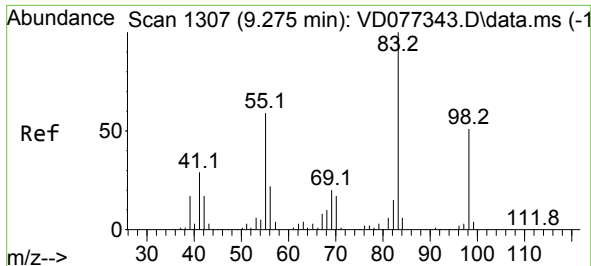
Tgt Ion: 43 Resp: 19510
Ion Ratio Lower Upper
43 100
61 18.2 14.9 22.3
70 13.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.198 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 117 Resp: 71046
Ion Ratio Lower Upper
117 100
119 101.2 78.0 117.0
121 32.2 24.2 36.2





#39

Methylcyclohexane

Concen: 20.208 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

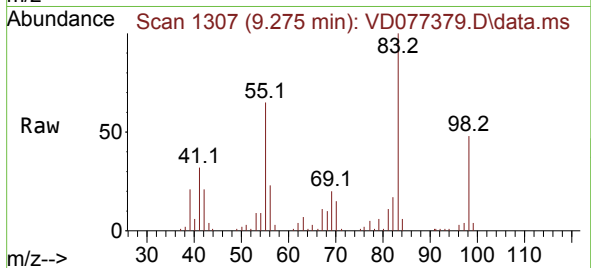
Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



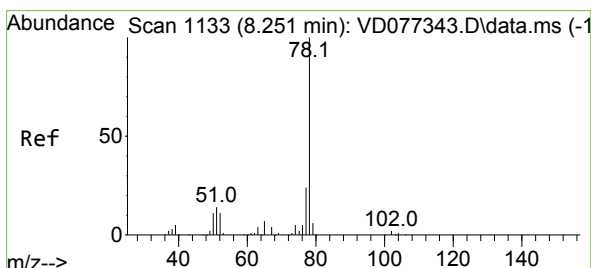
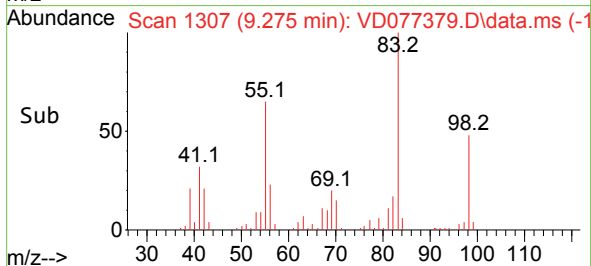
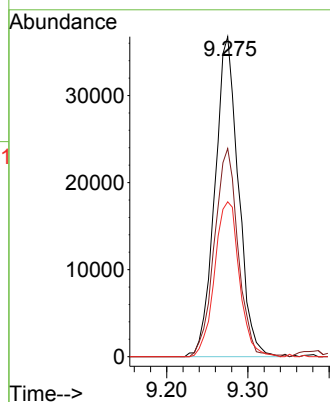
Tgt Ion: 83 Resp: 73977

Ion Ratio Lower Upper

83 100

55 65.0 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 21.587 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077379.D

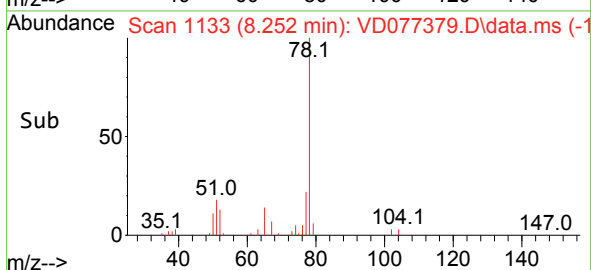
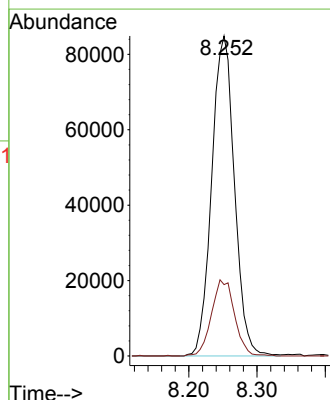
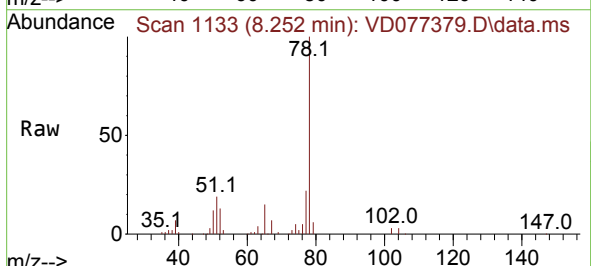
Acq: 23 Oct 2023 14:03

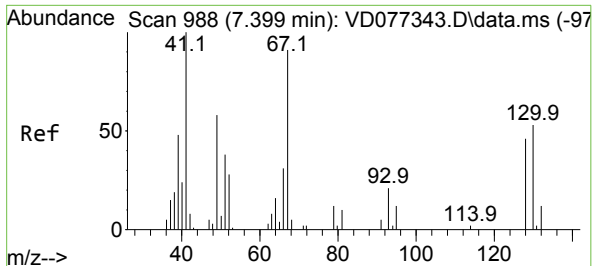
Tgt Ion: 78 Resp: 197369

Ion Ratio Lower Upper

78 100

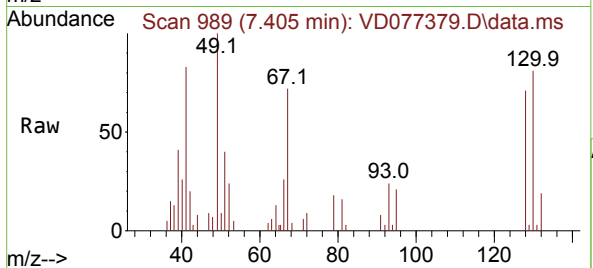
77 22.3 19.4 29.0



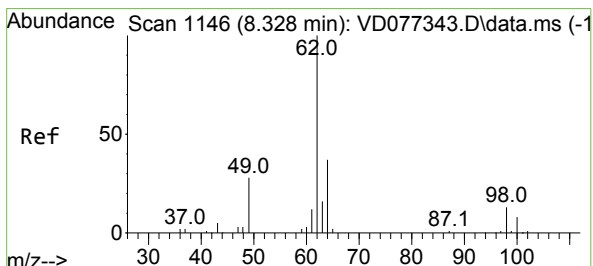
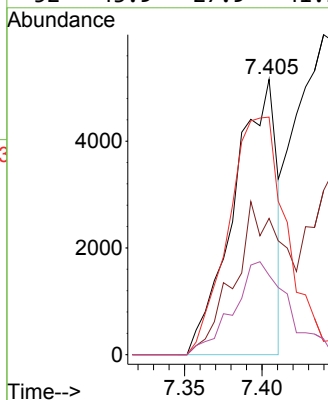
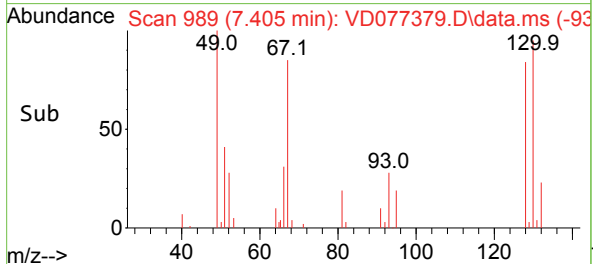


#41
Methacrylonitrile
Concen: 22.070 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

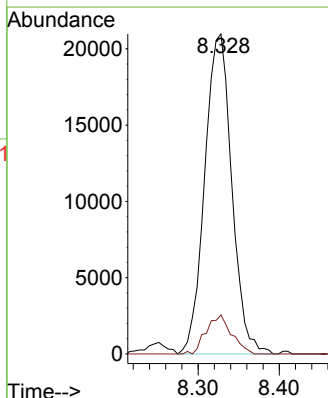
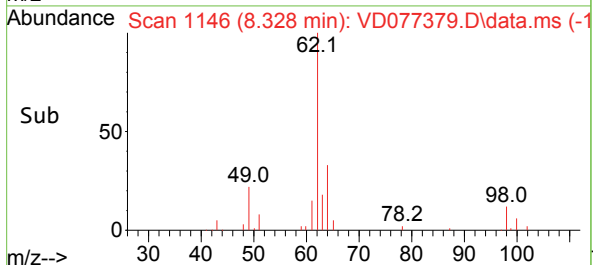
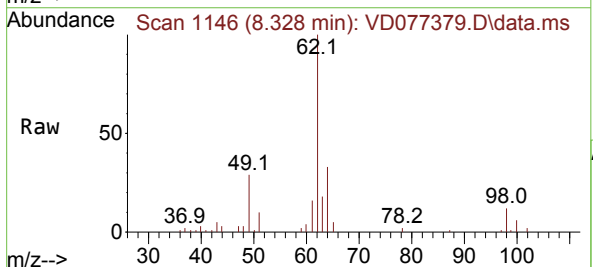


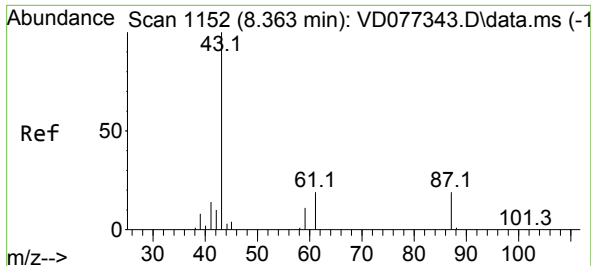
Tgt Ion: 41 Resp: 9968
Ion Ratio Lower Upper
41 100
39 65.6 34.0 51.0#
67 117.6 77.0 115.4#
52 43.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 22.573 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 62 Resp: 48612
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

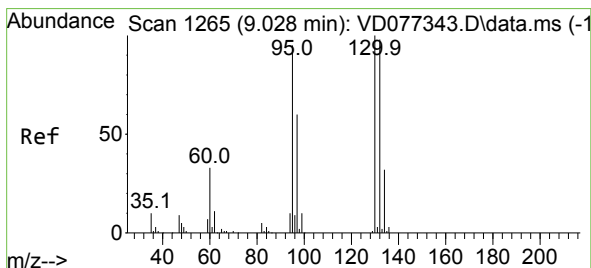
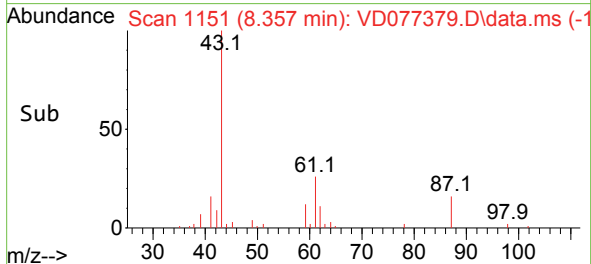
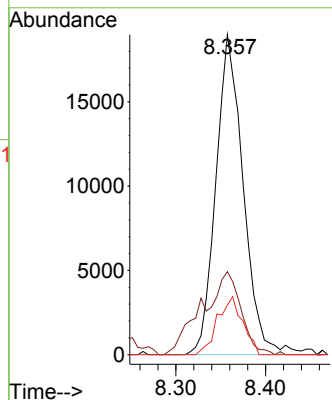
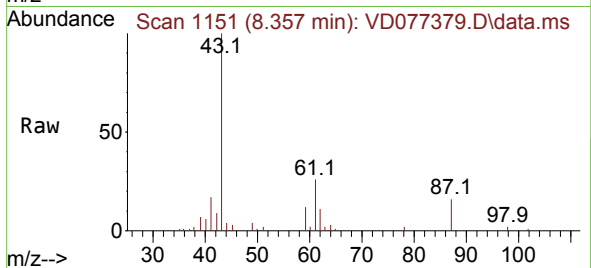




#43
Isopropyl Acetate
Concen: 23.374 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

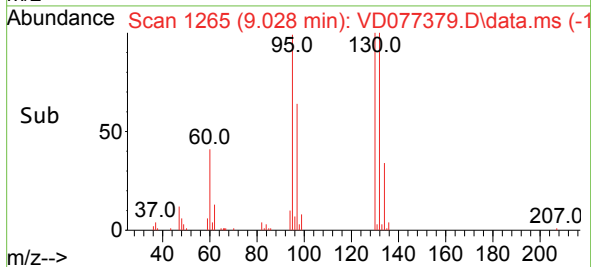
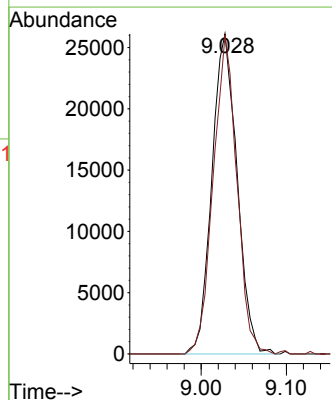
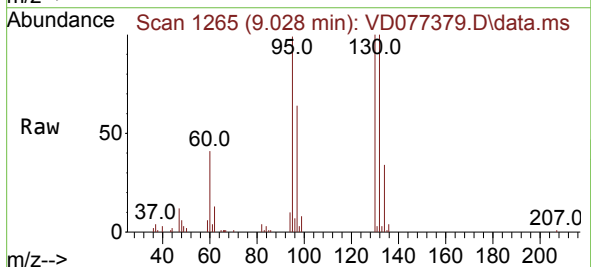
Instrument :
MSVOA_D
ClientSampleId :

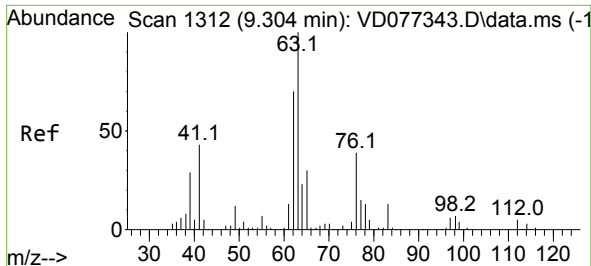
Tgt Ion: 43 Resp: 39822
Ion Ratio Lower Upper
43 100
61 37.4 31.4 47.0
87 16.9 14.9 22.3



#44
Trichloroethene
Concen: 20.082 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion:130 Resp: 53681
Ion Ratio Lower Upper
130 100
95 99.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.549 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

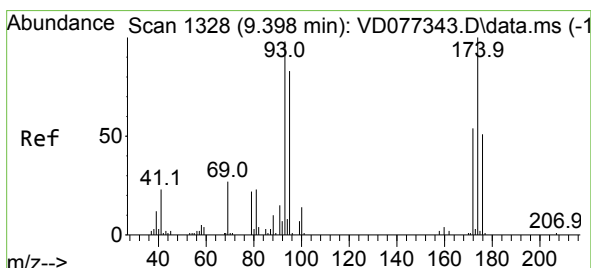
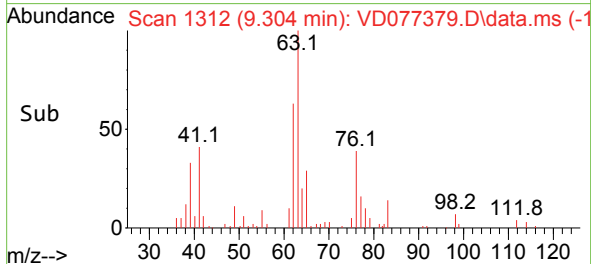
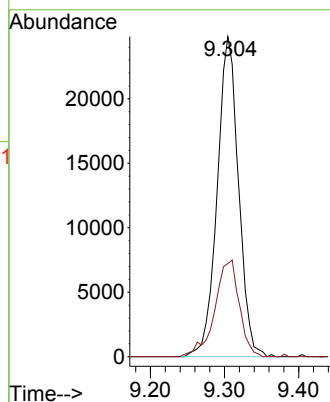
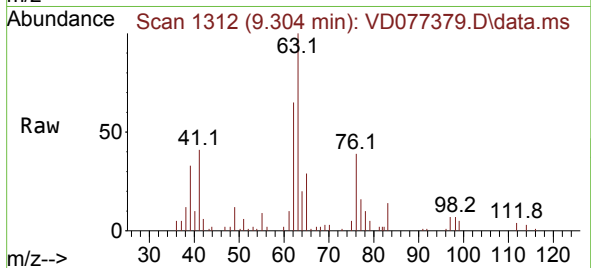
ClientSampleId :

Tgt Ion: 63 Resp: 49631

Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



#46

Dibromomethane

Concen: 21.224 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

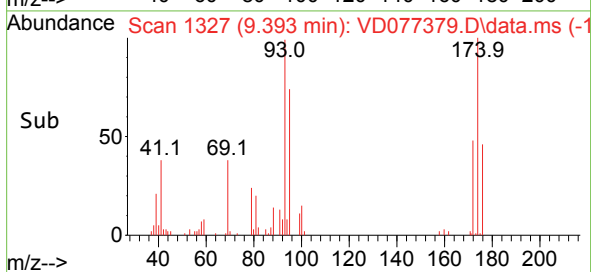
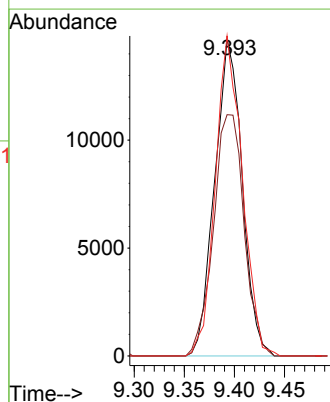
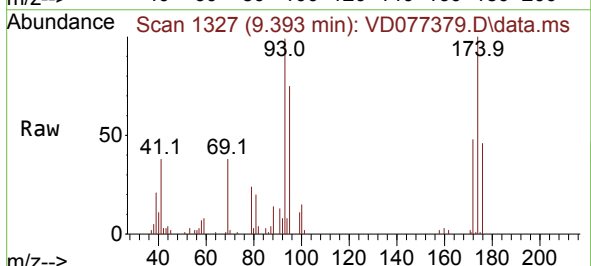
Tgt Ion: 93 Resp: 27965

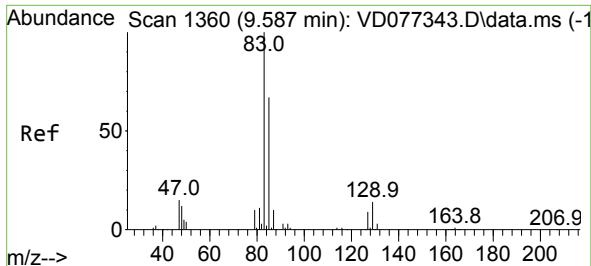
Ion Ratio Lower Upper

93 100

95 85.2 67.7 101.5

174 99.4 85.4 128.2

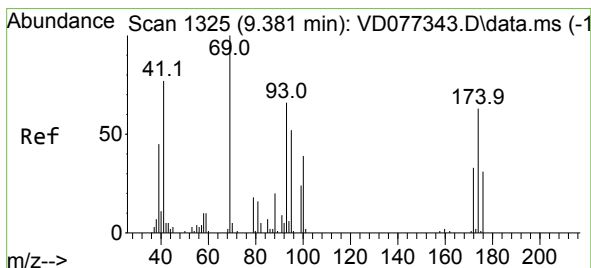
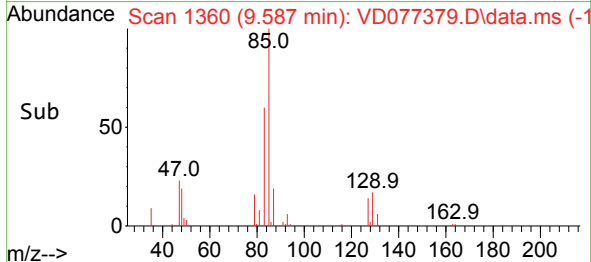
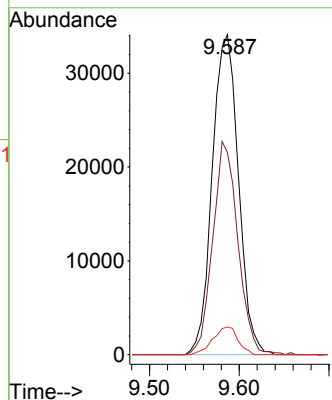
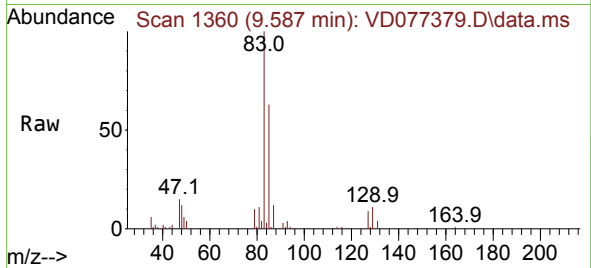




#47
Bromodichloromethane
Concen: 21.991 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

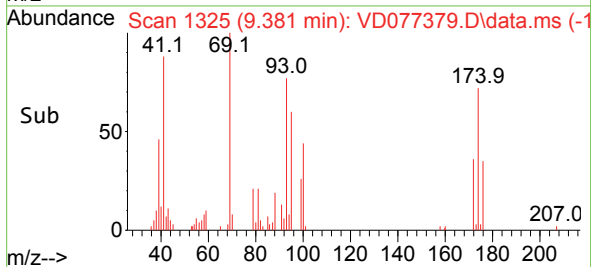
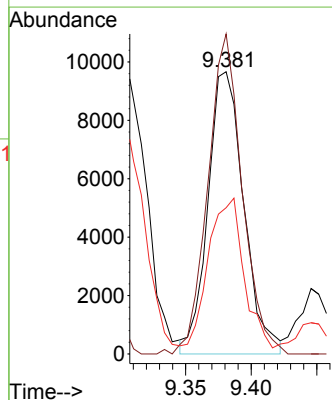
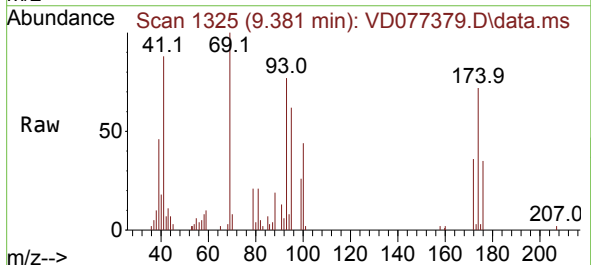
Instrument :
MSVOA_D
ClientSampleId :

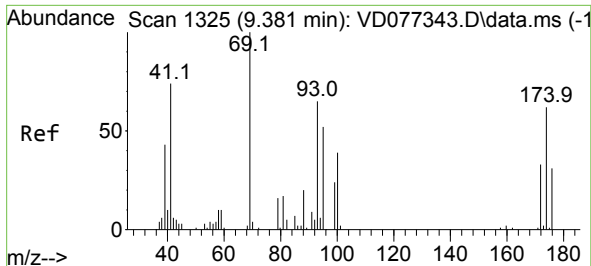
Tgt Ion: 83 Resp: 69093
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 23.870 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 41 Resp: 18397
Ion Ratio Lower Upper
41 100
69 108.3 102.2 153.2
39 52.4 41.4 62.2

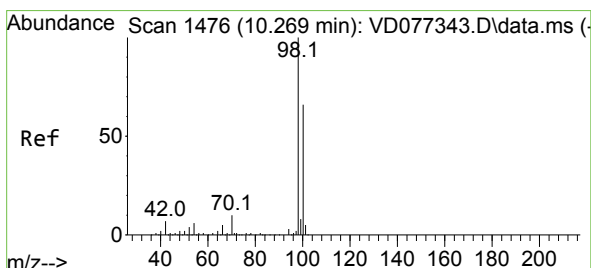
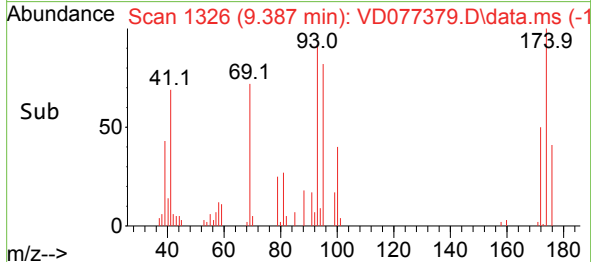
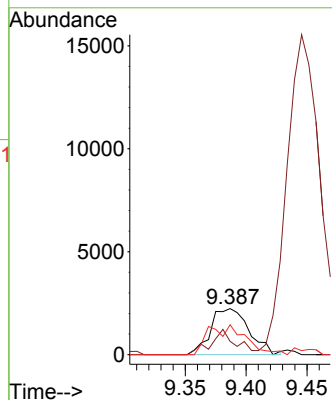
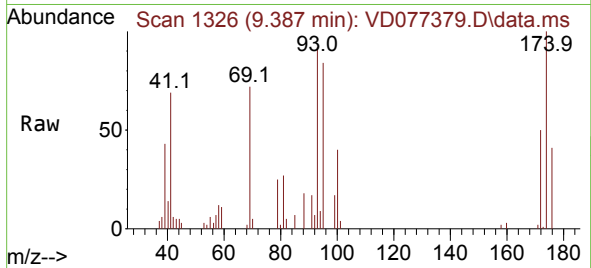




#49
1,4-Dioxane
Concen: 401.568 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

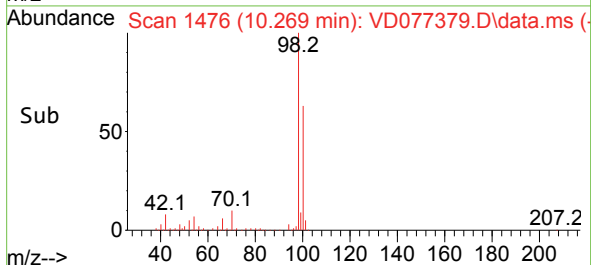
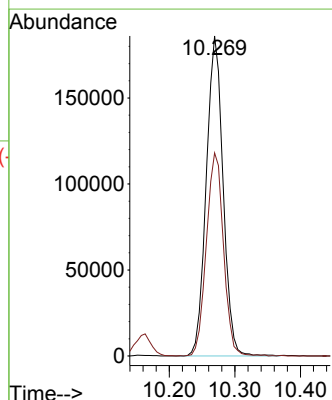
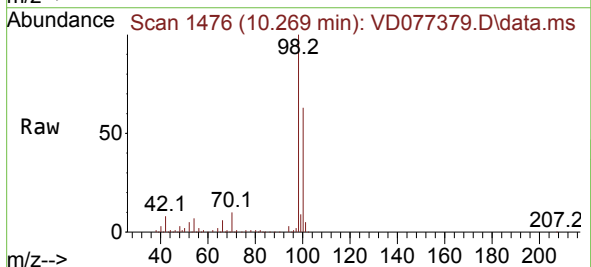
Instrument :
MSVOA_D
ClientSampleId :

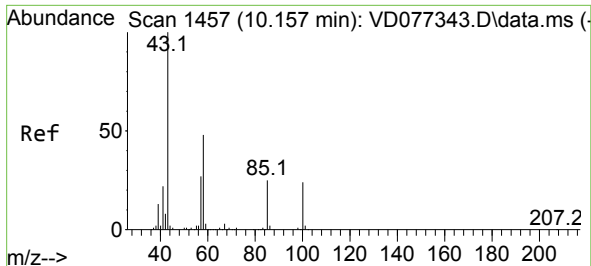
Tgt Ion: 88 Resp: 4901
Ion Ratio Lower Upper
88 100
43 35.1 19.0 28.6#
58 28.9 43.5 65.3#



#50
Toluene-d8
Concen: 40.381 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 98 Resp: 331586
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

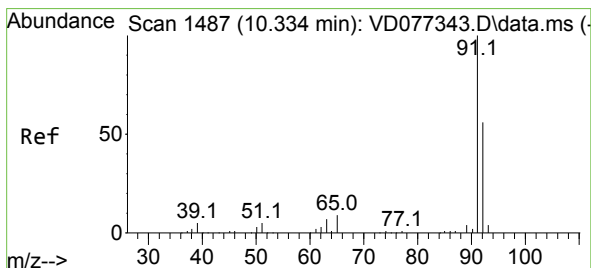
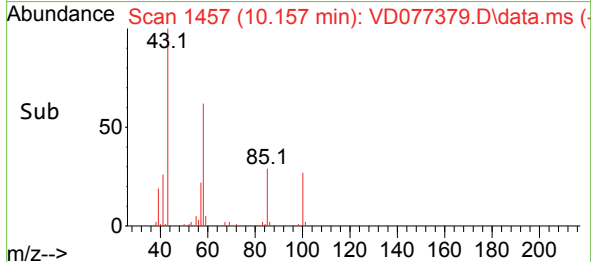
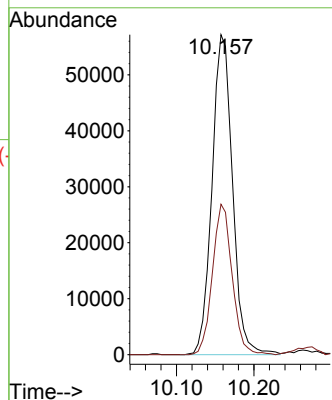
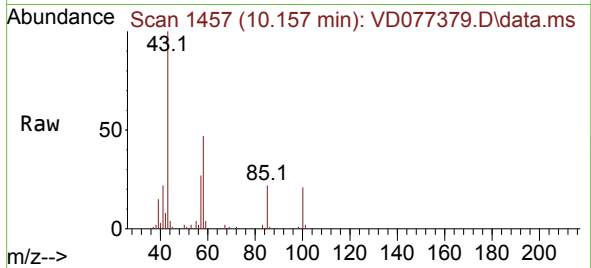




#51
4-Methyl-2-Pentanone
Concen: 123.527 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

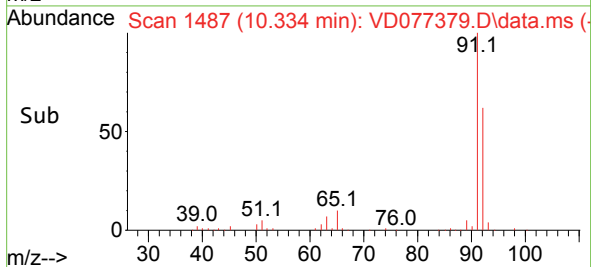
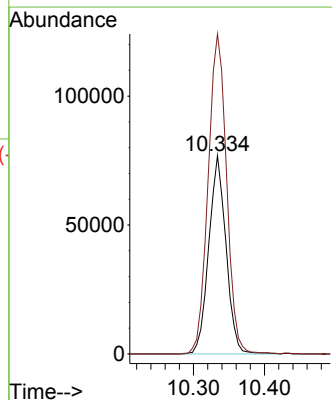
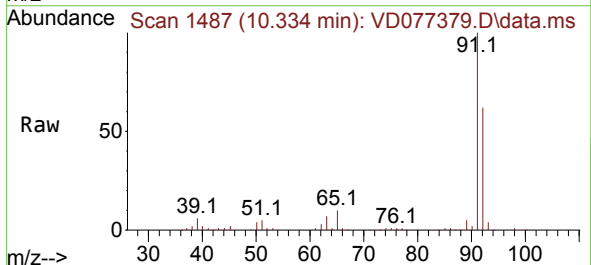
Instrument :
MSVOA_D
ClientSampleId :

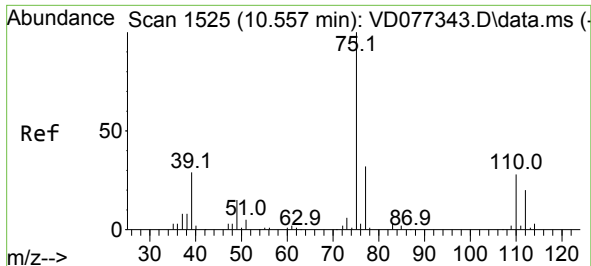
Tgt Ion: 43 Resp: 105496
Ion Ratio Lower Upper
43 100
58 45.1 38.9 58.3



#52
Toluene
Concen: 21.776 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 92 Resp: 129990
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4

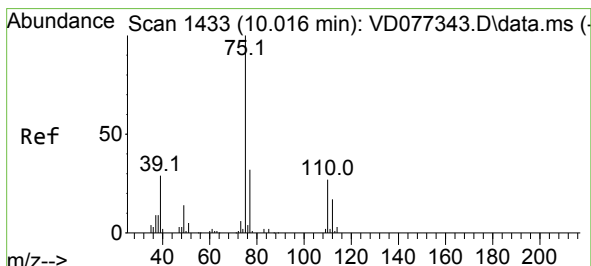
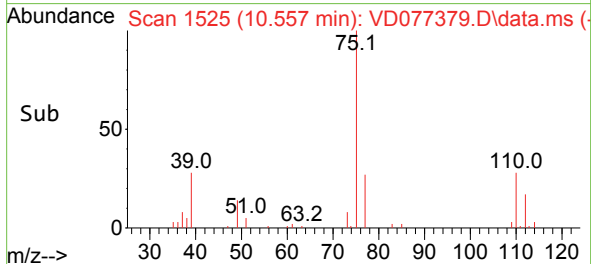
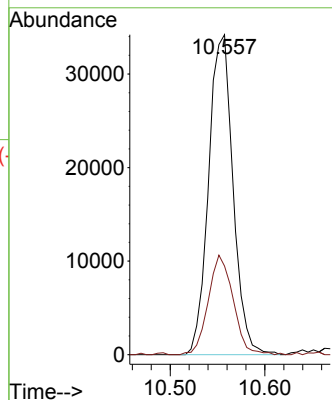
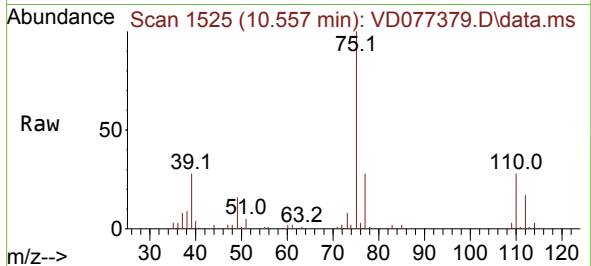




#53
 t-1,3-Dichloropropene
 Concen: 21.764 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

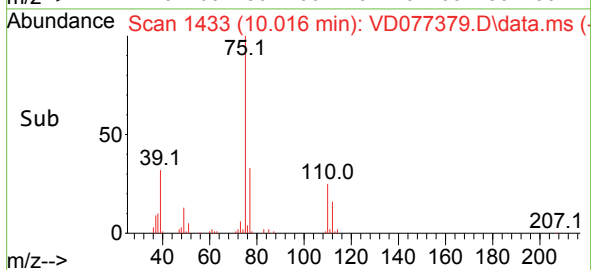
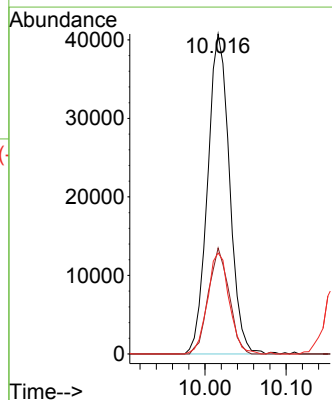
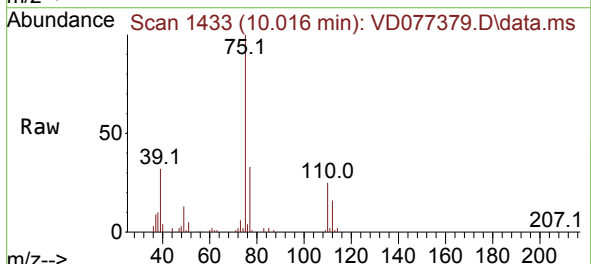
Instrument :
 MSVOA_D
 ClientSampleId :

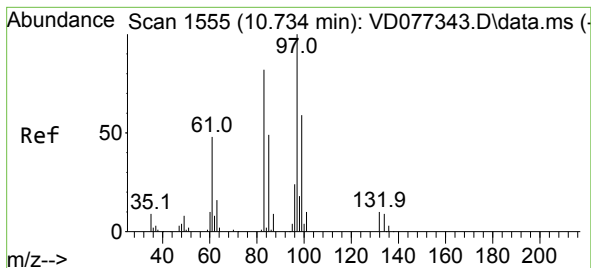
Tgt Ion: 75 Resp: 61379
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.123 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077379.D
 Acq: 23 Oct 2023 14:03

Tgt Ion: 75 Resp: 76338
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 39 31.6 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 21.763 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

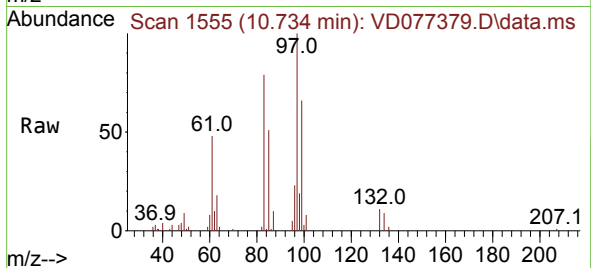
Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 39716

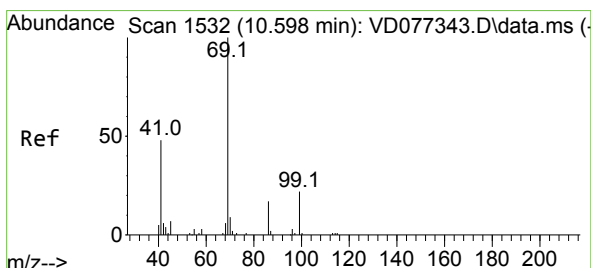
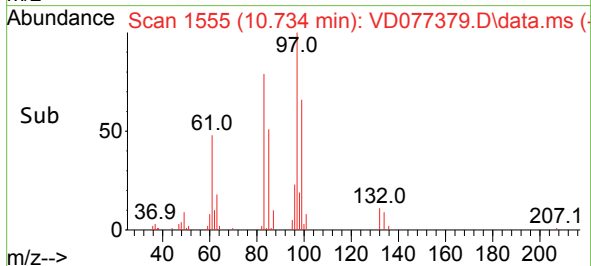
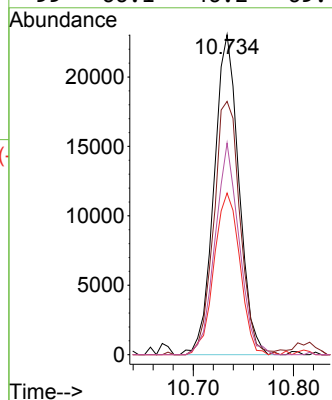
Ion Ratio Lower Upper

97 100

83 79.1 65.8 98.6

85 50.5 45.7 68.5

99 66.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.398 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

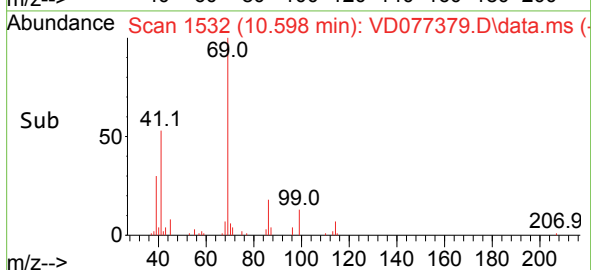
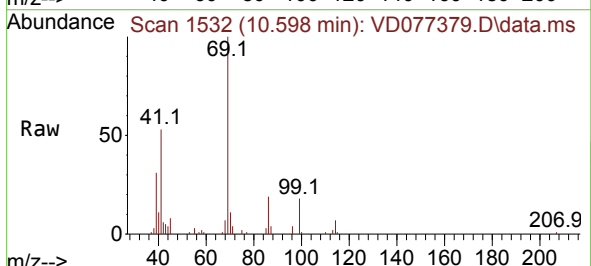
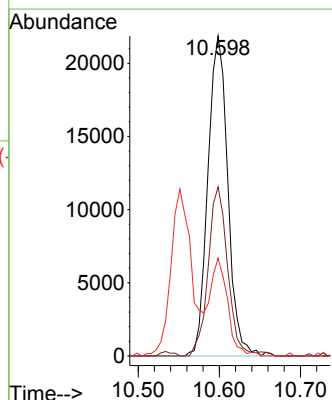
Tgt Ion: 69 Resp: 37319

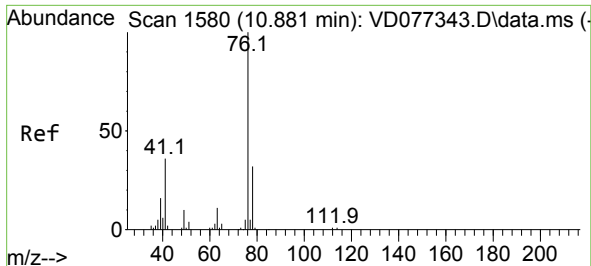
Ion Ratio Lower Upper

69 100

41 51.5 39.1 58.7

39 26.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 22.363 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

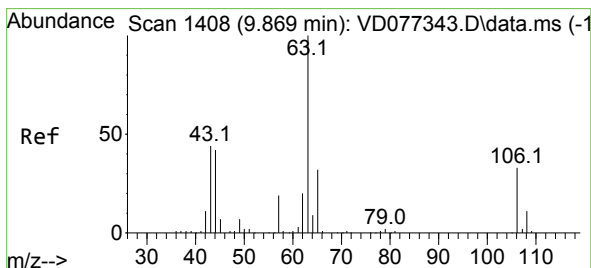
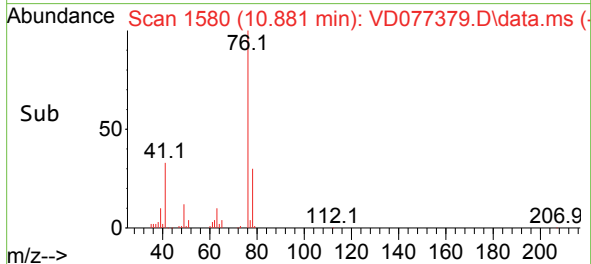
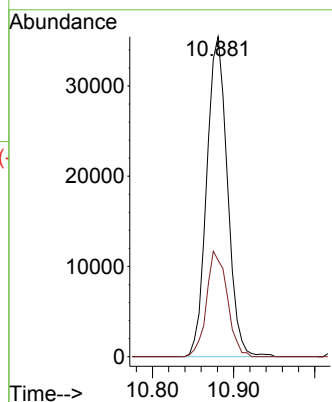
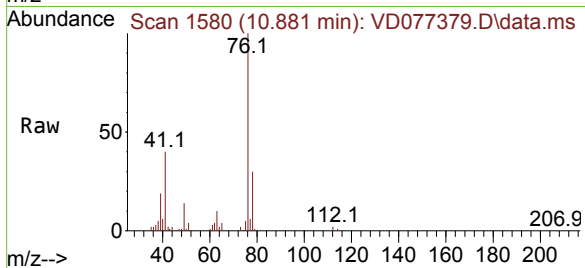
ClientSampleId :

Tgt Ion: 76 Resp: 62690

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 117.633 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077379.D

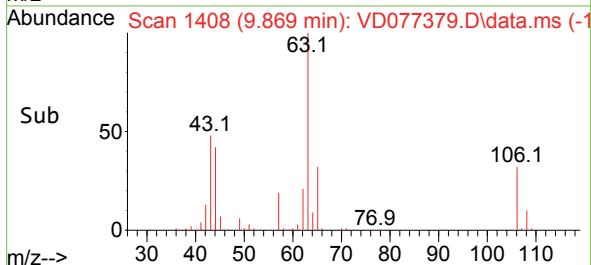
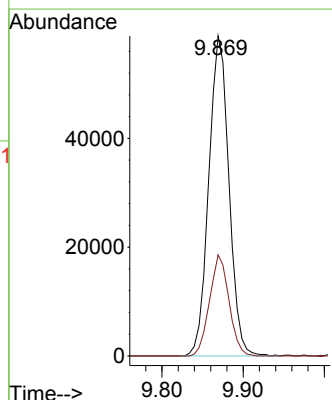
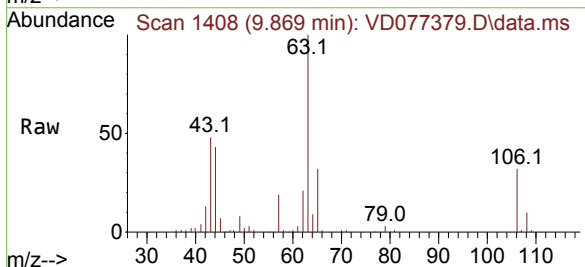
Acq: 23 Oct 2023 14:03

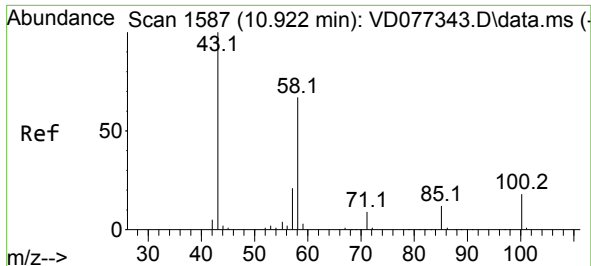
Tgt Ion: 63 Resp: 101457

Ion Ratio Lower Upper

63 100

106 30.4 25.3 37.9

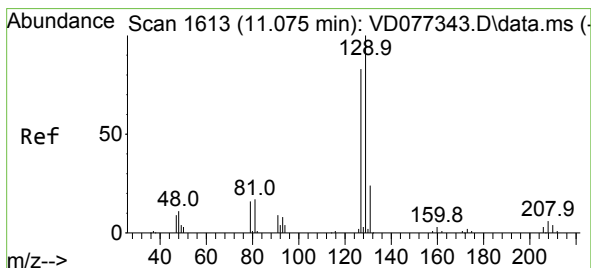
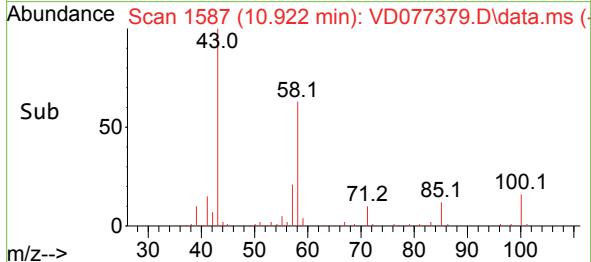
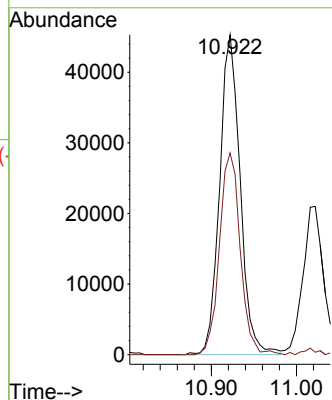
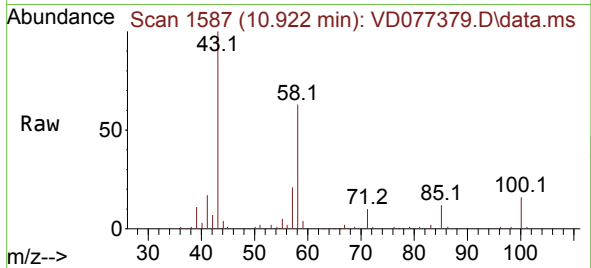




#59
2-Hexanone
Concen: 123.952 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

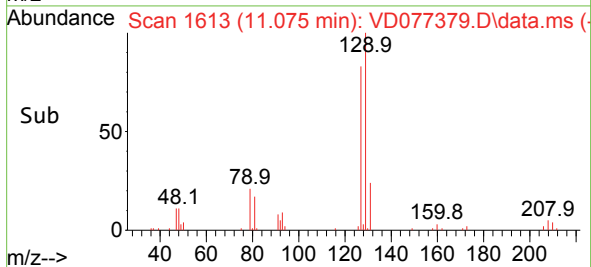
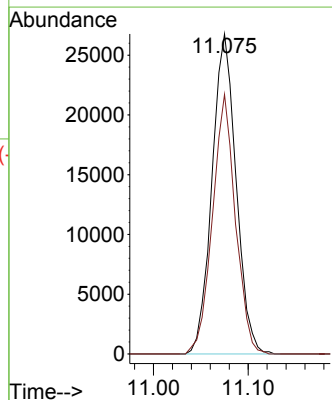
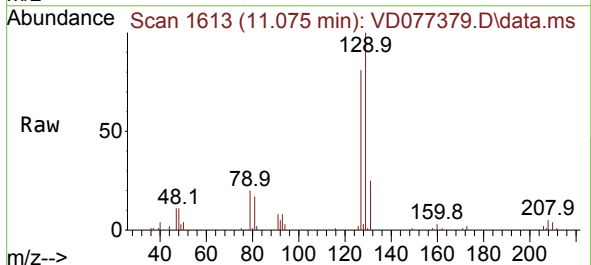
Instrument :
MSVOA_D
ClientSampleId :

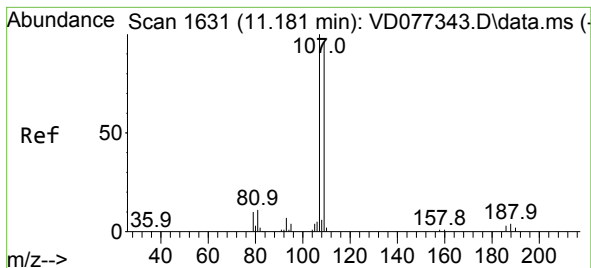
Tgt Ion: 43 Resp: 76030
Ion Ratio Lower Upper
43 100
58 63.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.315 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 129 Resp: 47340
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

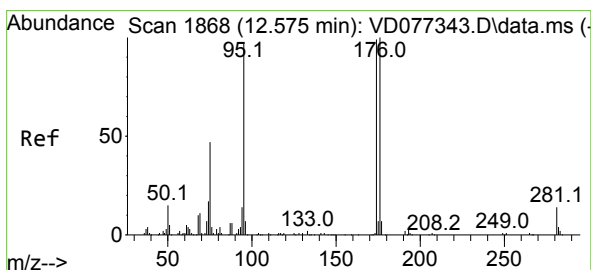
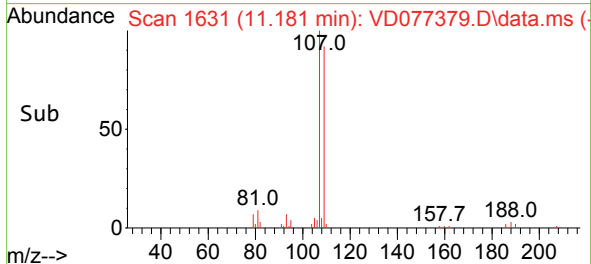
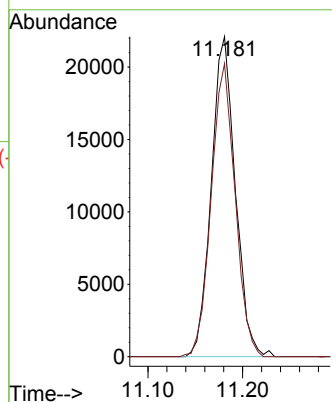
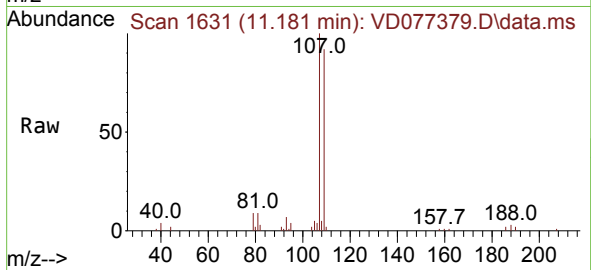




#61
1,2-Dibromoethane
Concen: 22.616 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

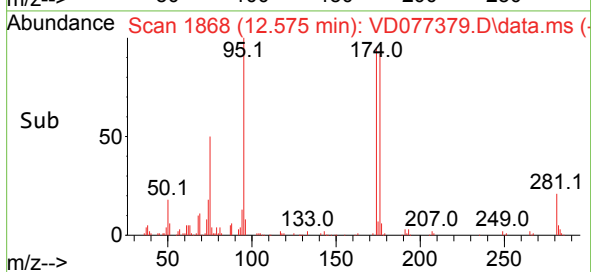
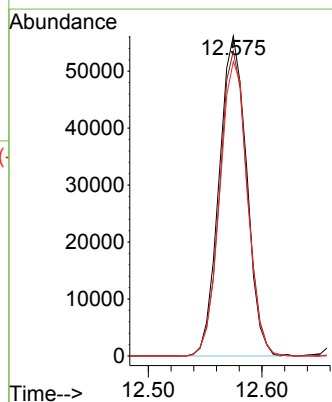
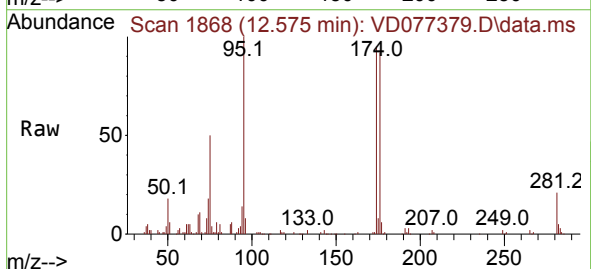
Instrument :
MSVOA_D
ClientSampleId :

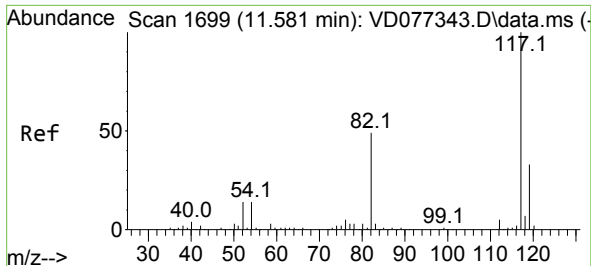
Tgt Ion:107 Resp: 38892
Ion Ratio Lower Upper
107 100
109 91.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 39.867 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 95 Resp: 94235
Ion Ratio Lower Upper
95 100
174 95.3 0.0 201.8
176 92.8 0.0 191.8

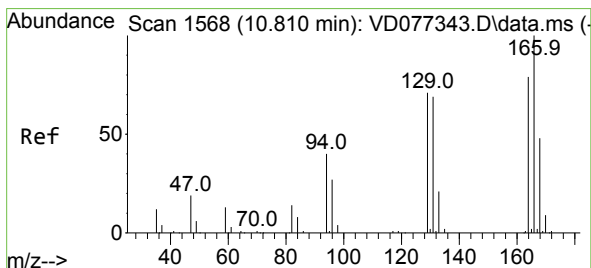
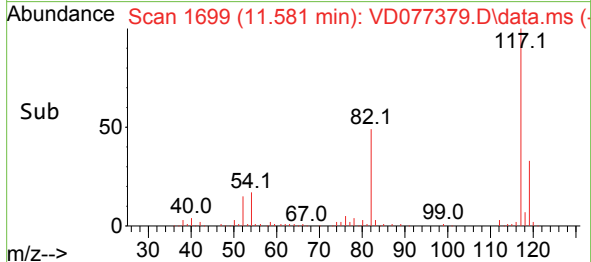
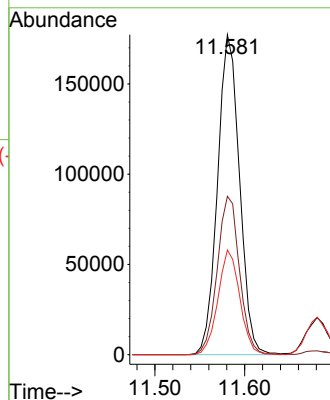
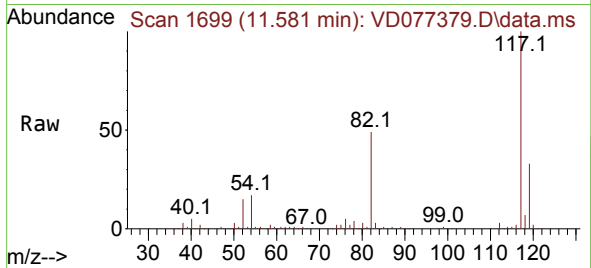




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

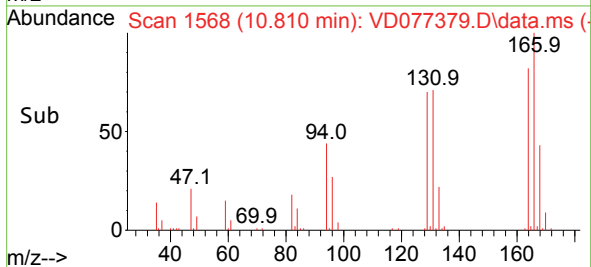
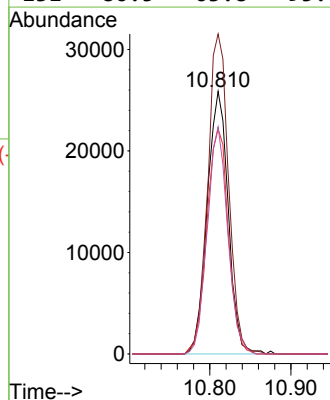
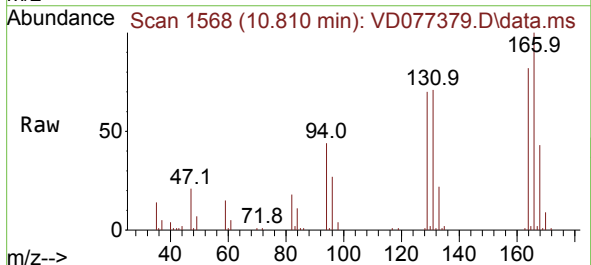
Instrument :
MSVOA_D
ClientSampleId :

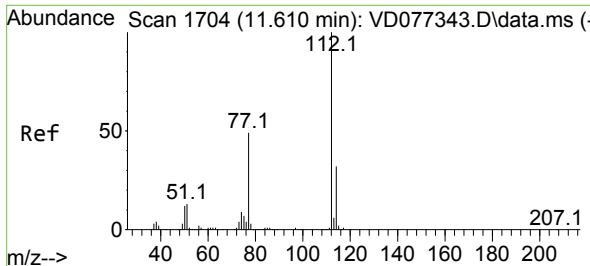
Tgt Ion:117 Resp: 301499
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 20.732 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

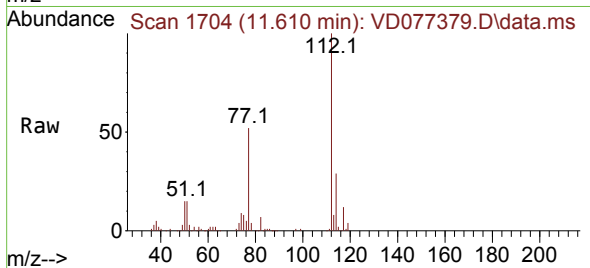
Tgt Ion:164 Resp: 46459
Ion Ratio Lower Upper
164 100
166 121.9 99.2 148.8
129 85.8 68.4 102.6
131 86.5 63.8 95.8



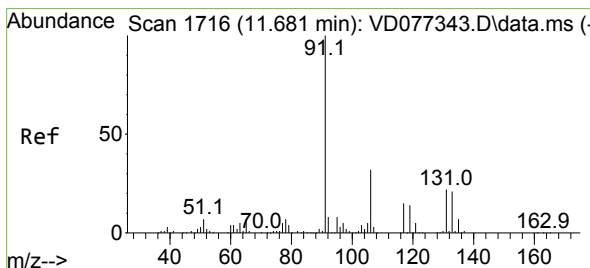
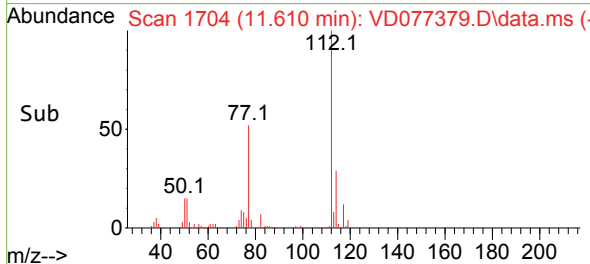
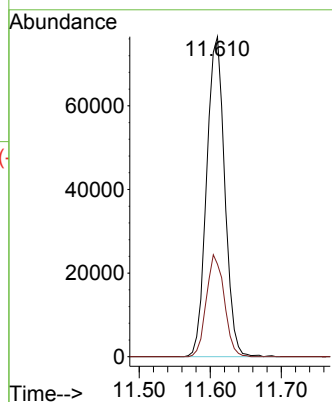


#65
Chlorobenzene
Concen: 20.632 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

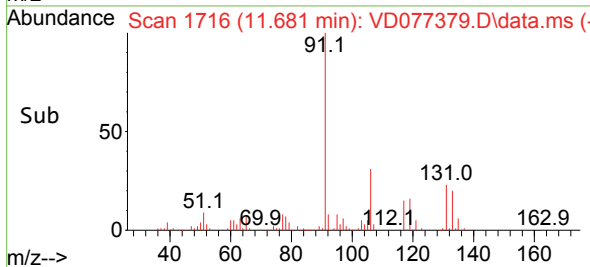
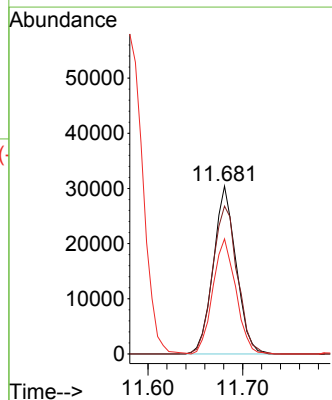
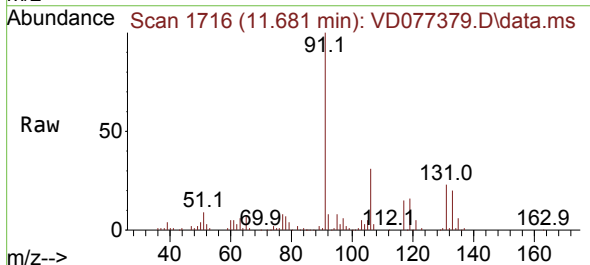


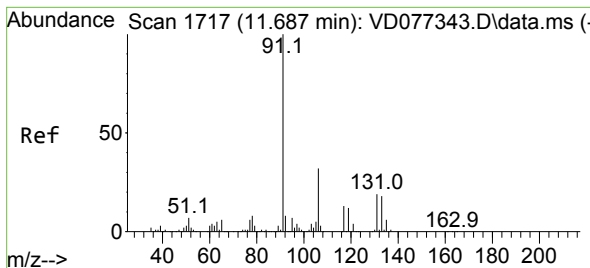
Tgt Ion:112 Resp: 135591
Ion Ratio Lower Upper
112 100
114 28.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.414 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion:131 Resp: 50997
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 69.3 35.6 106.9





#67

Ethyl Benzene

Concen: 20.759 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

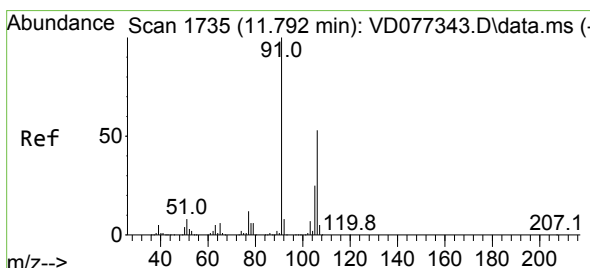
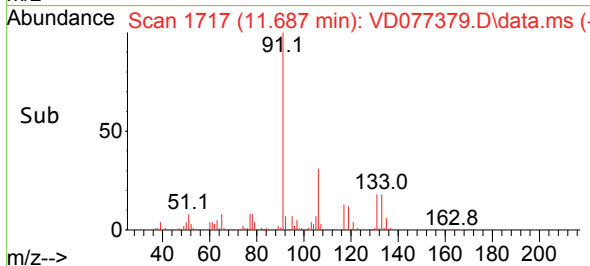
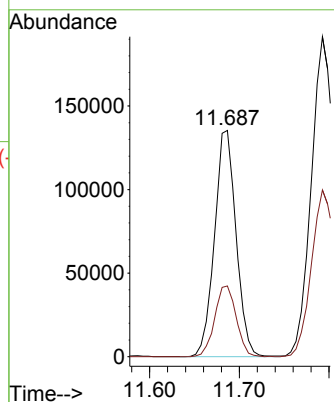
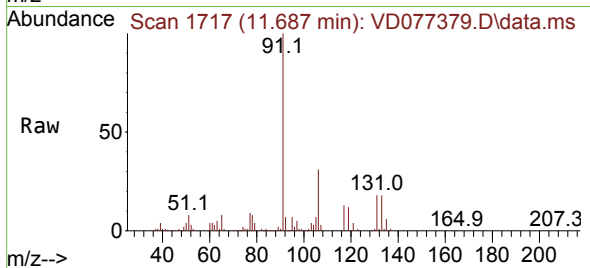
ClientSampleId :

Tgt Ion: 91 Resp: 226151

Ion Ratio Lower Upper

91 100

106 31.3 26.5 39.7



#68

m/p-Xylenes

Concen: 41.831 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077379.D

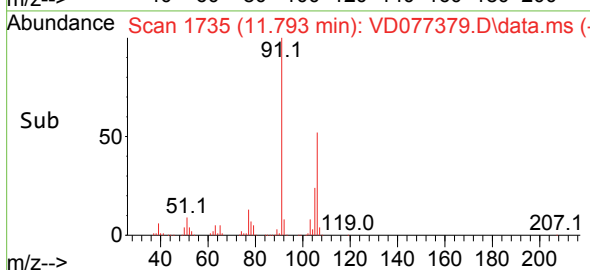
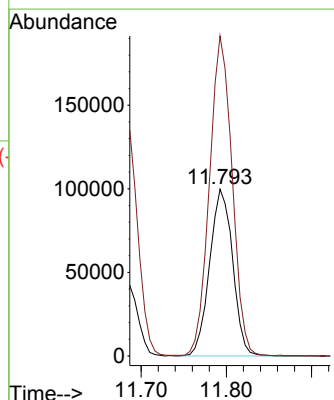
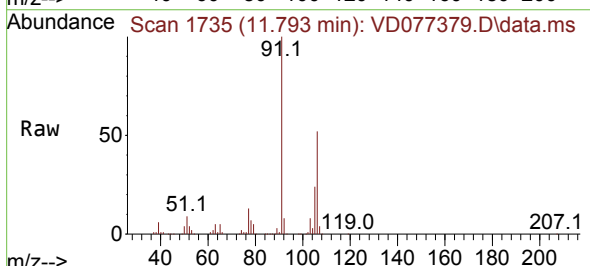
Acq: 23 Oct 2023 14:03

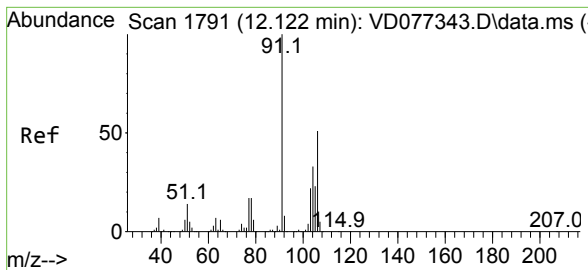
Tgt Ion:106 Resp: 187128

Ion Ratio Lower Upper

106 100

91 188.9 147.0 220.6

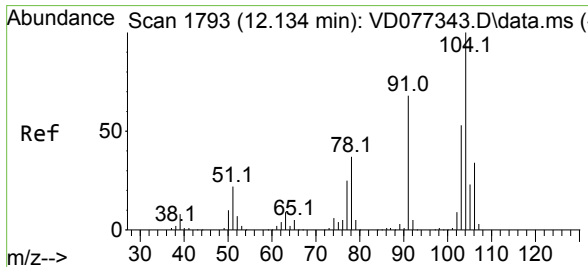
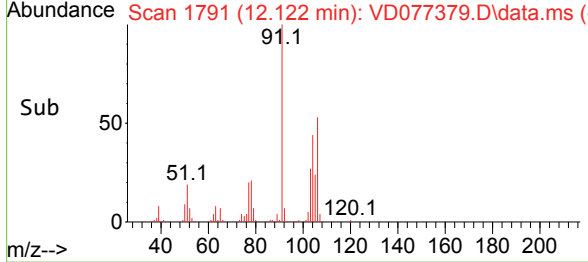
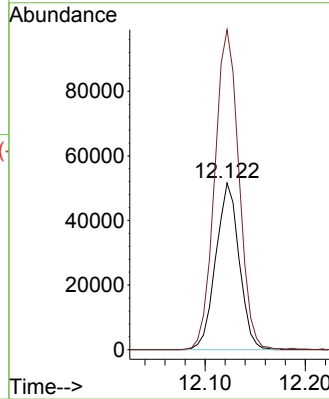
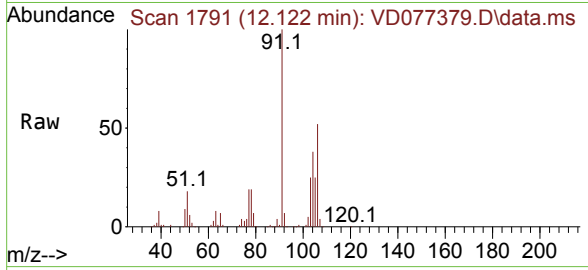




#69
o-Xylene
Concen: 20.250 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

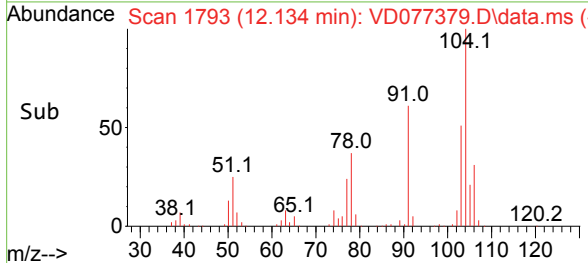
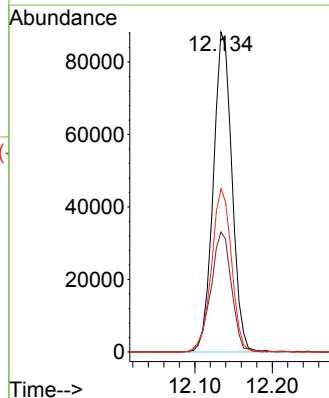
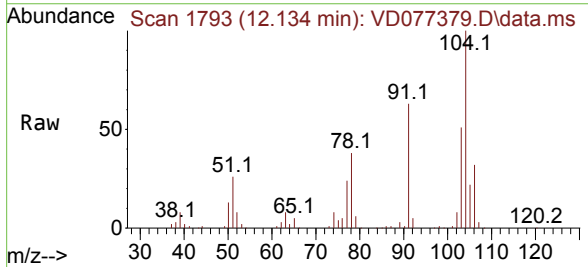
Instrument :
MSVOA_D
ClientSampleId :

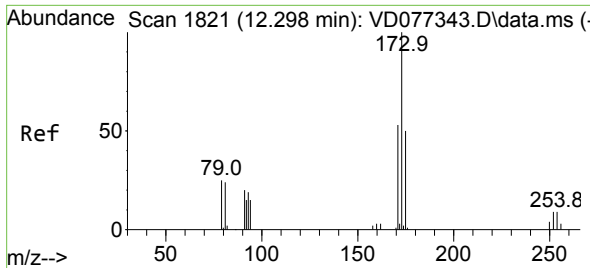
Tgt Ion:106 Resp: 83392
Ion Ratio Lower Upper
106 100
91 199.4 97.9 293.6



#70
Styrene
Concen: 21.118 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

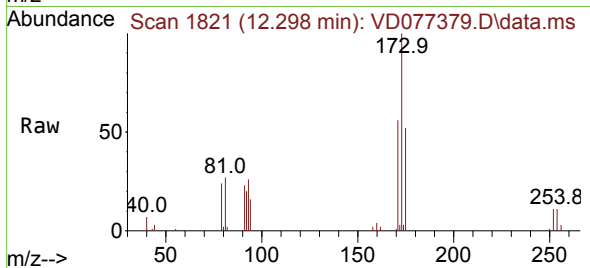
Tgt Ion:104 Resp: 148380
Ion Ratio Lower Upper
104 100
78 41.1 33.2 49.8
103 54.5 43.6 65.4



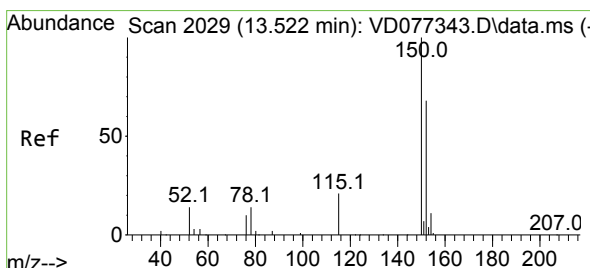
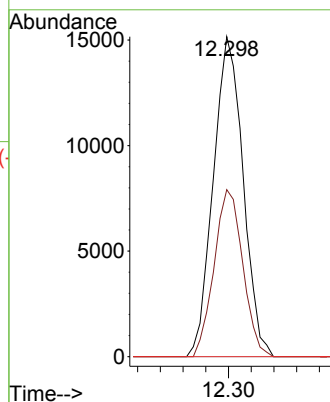
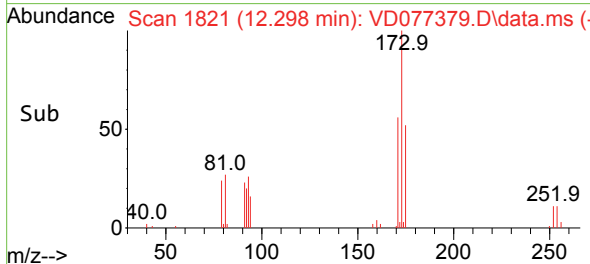


#71
Bromoform
Concen: 20.138 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

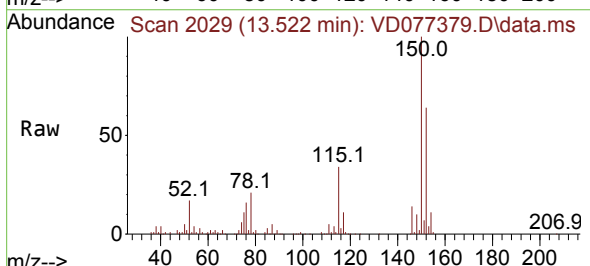
Instrument :
MSVOA_D
ClientSampleId :



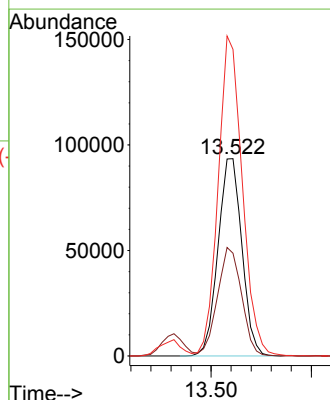
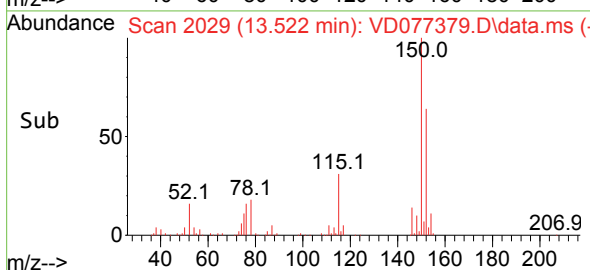
Tgt Ion:173 Resp: 27577
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.0 0.0

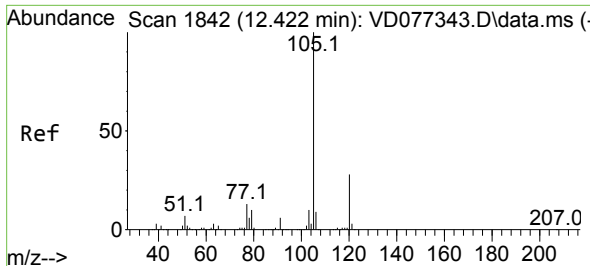


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03



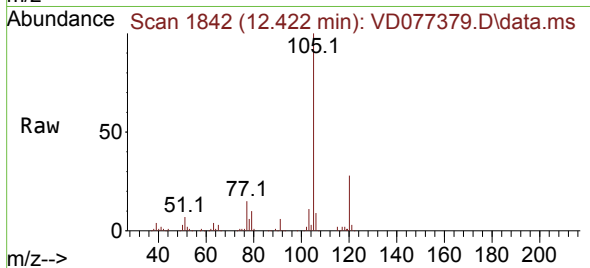
Tgt Ion:152 Resp: 154552
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 164.2 0.0 353.6



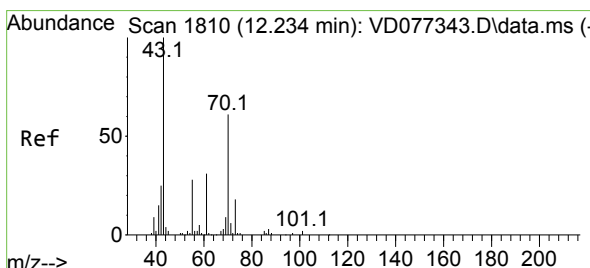
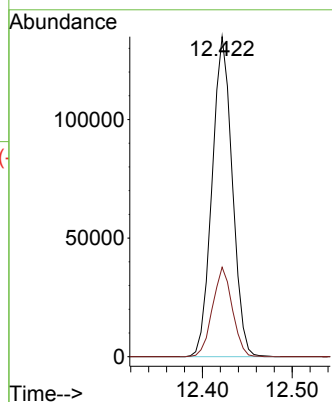
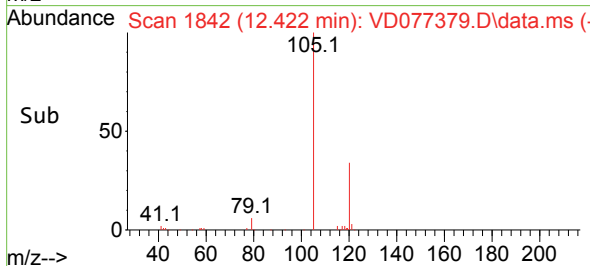


#73
Isopropylbenzene
Concen: 20.680 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Instrument :
MSVOA_D
ClientSampleId :

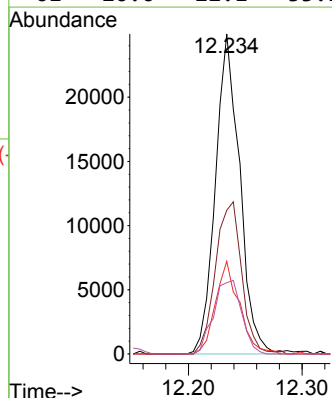
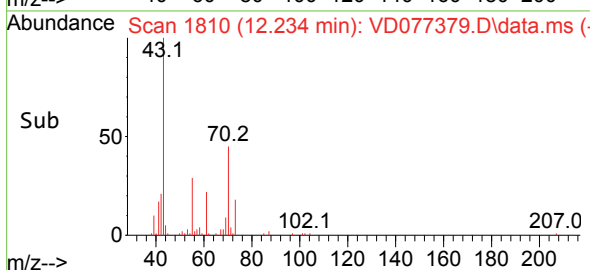
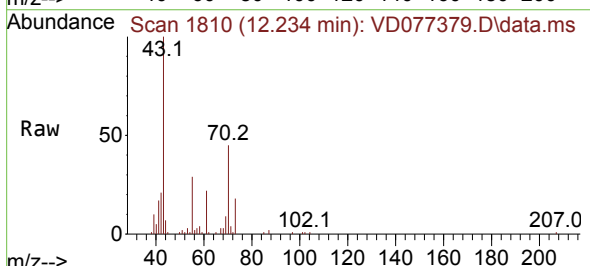


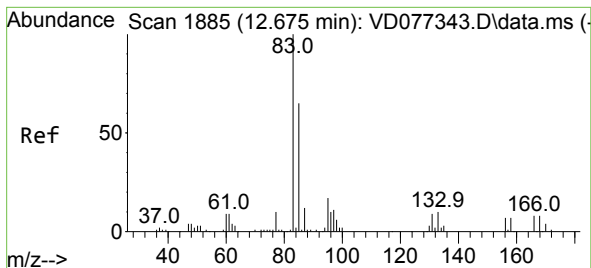
Tgt Ion:105 Resp: 211407
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 25.154 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 43 Resp: 36992
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 28.5 23.8 35.6
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 24.976 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077379.D

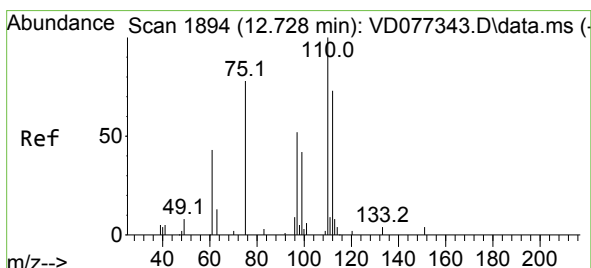
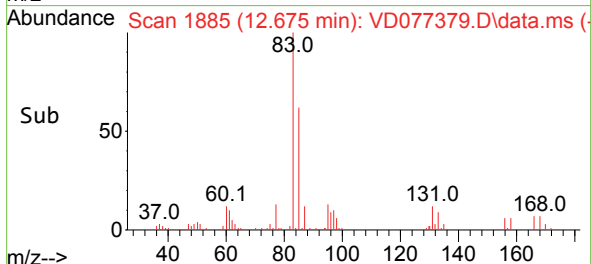
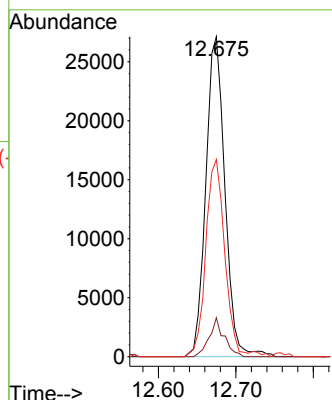
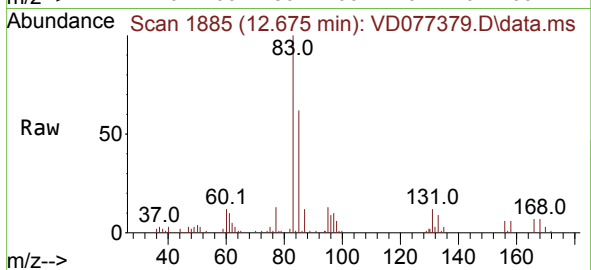
Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	46397
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.3
85	60.8	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 25.985 ug/l

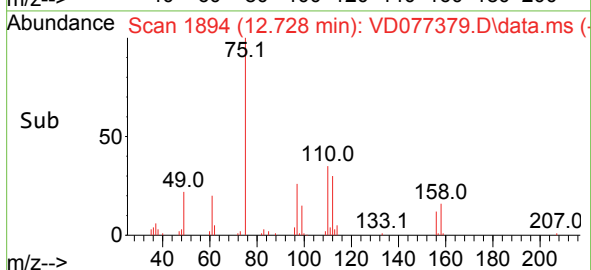
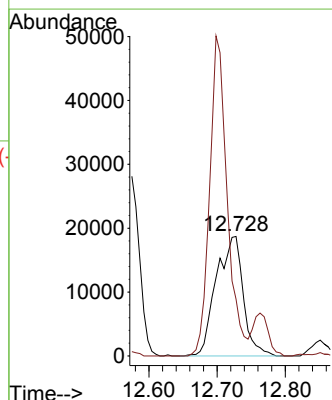
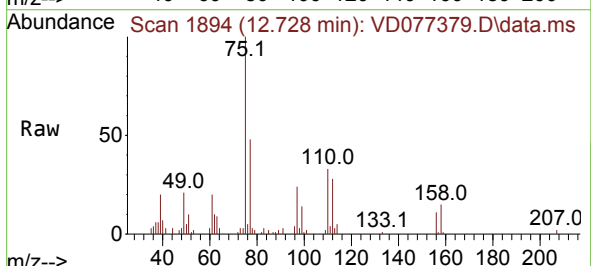
RT: 12.728 min Scan# 1894

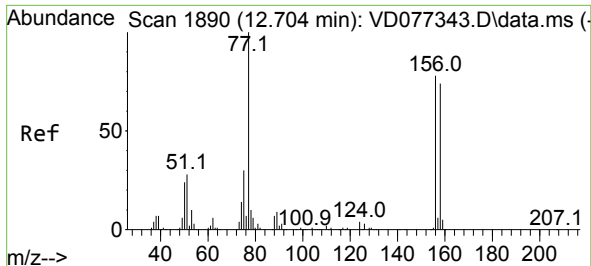
Delta R.T. -0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Tgt Ion:	75	Resp:	51601
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

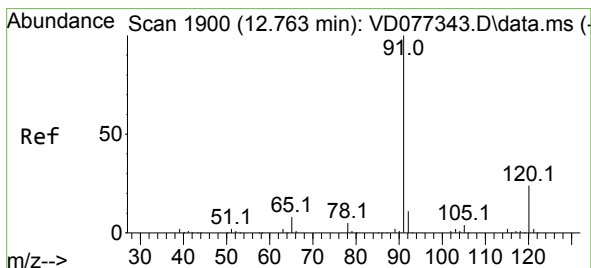
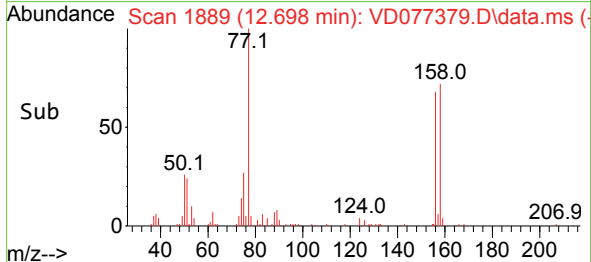
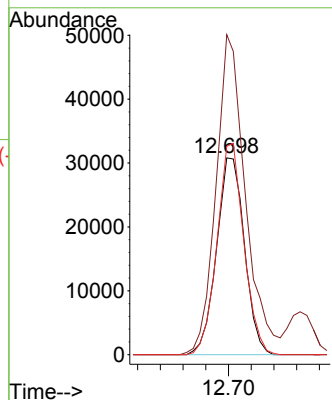
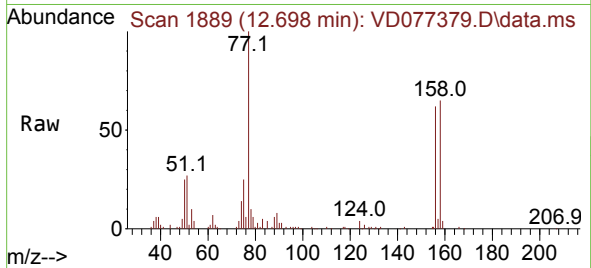




#77
Bromobenzene
Concen: 19.570 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

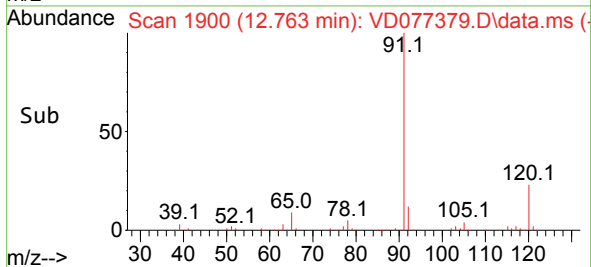
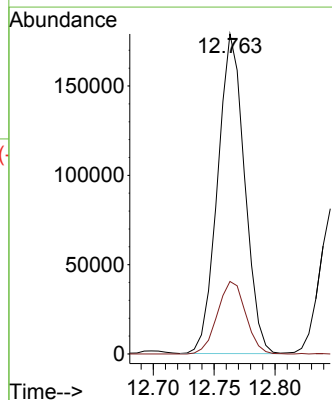
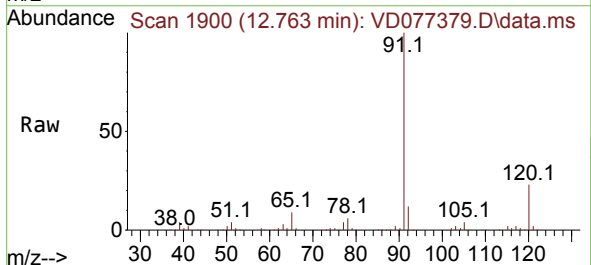
Instrument :
MSVOA_D
ClientSampleId :

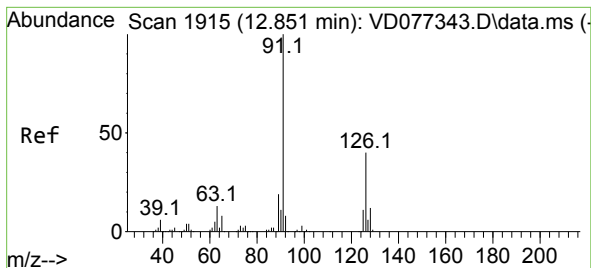
Tgt Ion:156 Resp: 52522
Ion Ratio Lower Upper
156 100
77 171.7 76.8 230.4
158 103.4 48.6 145.9



#78
n-propylbenzene
Concen: 22.387 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 91 Resp: 275621
Ion Ratio Lower Upper
91 100
120 23.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 22.040 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

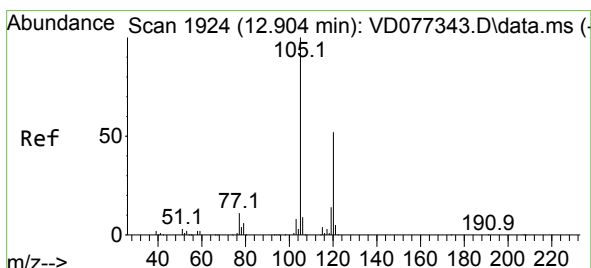
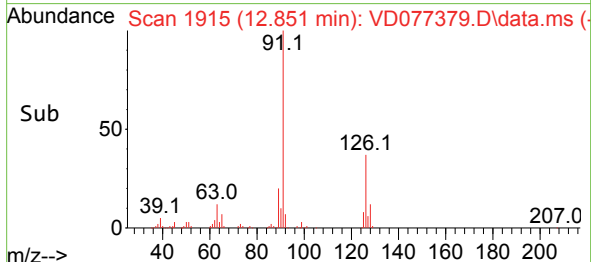
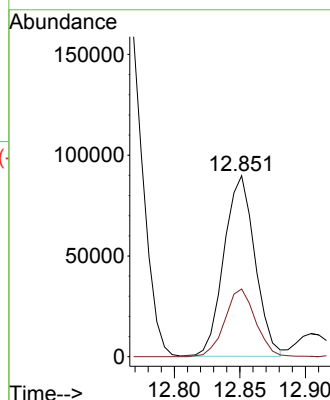
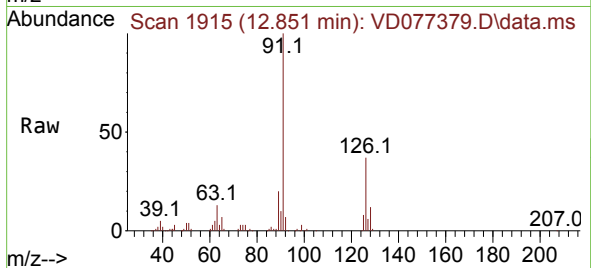
ClientSampleId :

Tgt Ion: 91 Resp: 147795

Ion Ratio Lower Upper

91 100

126 37.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.617 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077379.D

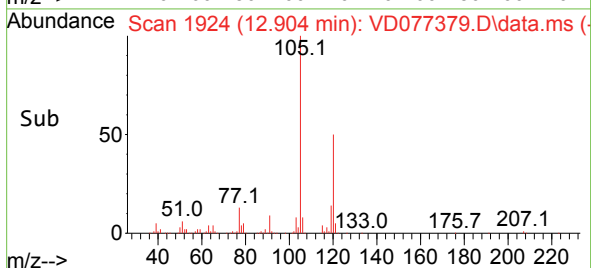
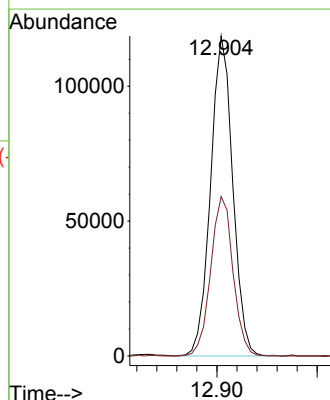
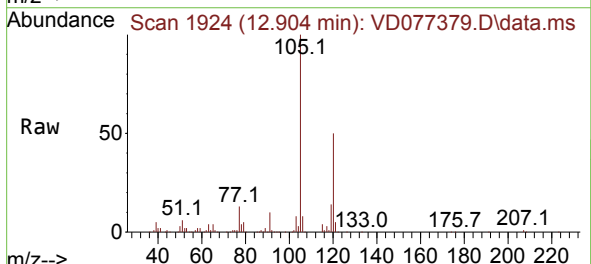
Acq: 23 Oct 2023 14:03

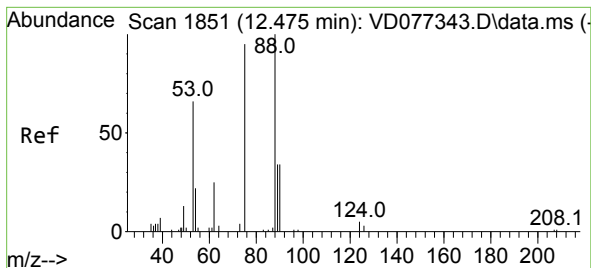
Tgt Ion:105 Resp: 182364

Ion Ratio Lower Upper

105 100

120 50.1 26.4 79.2

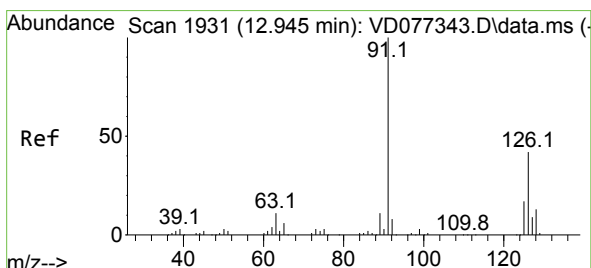
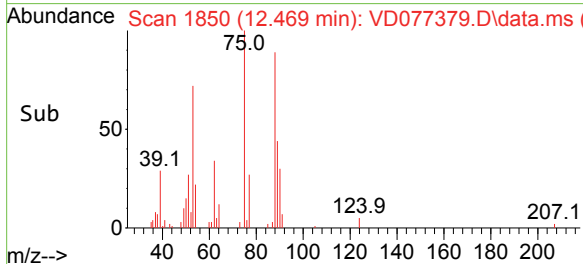
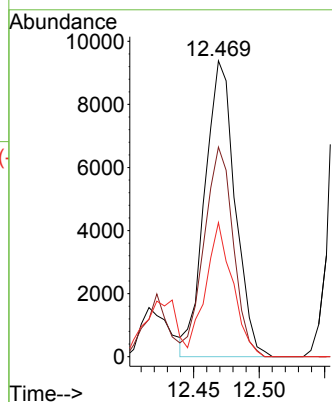
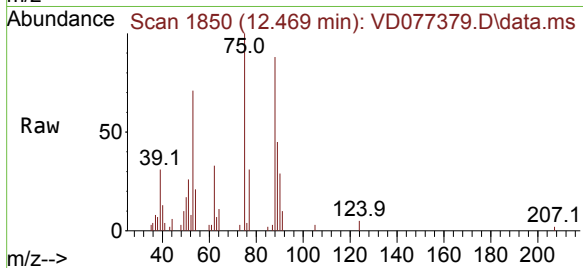




#81
trans-1,4-Dichloro-2-butene
Concen: 26.164 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

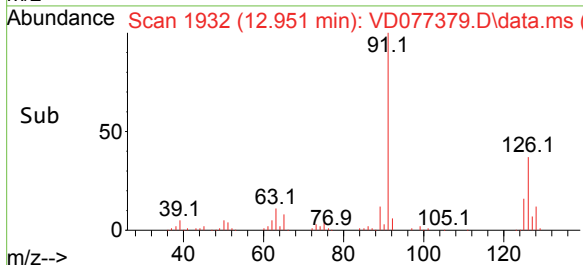
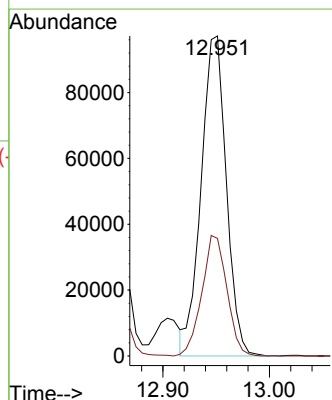
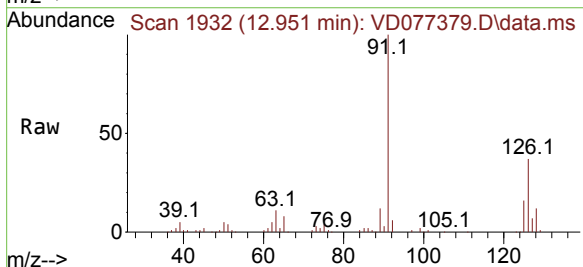
Instrument :
MSVOA_D
ClientSampleId :

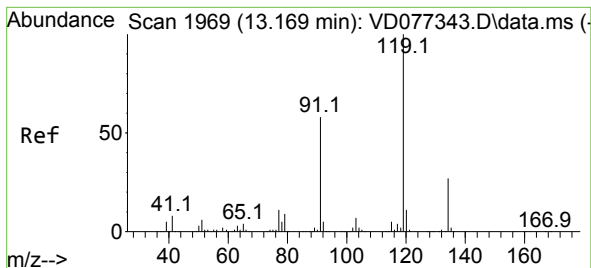
Tgt Ion: 75 Resp: 15091
Ion Ratio Lower Upper
75 100
53 68.4 63.0 94.4
89 40.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 22.930 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion: 91 Resp: 160088
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.701 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

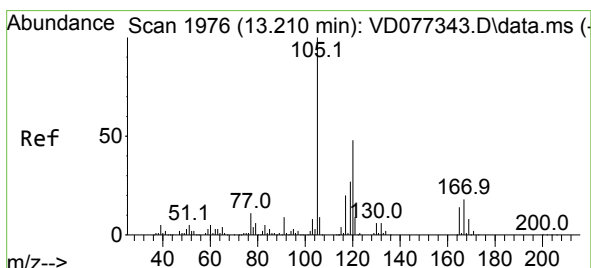
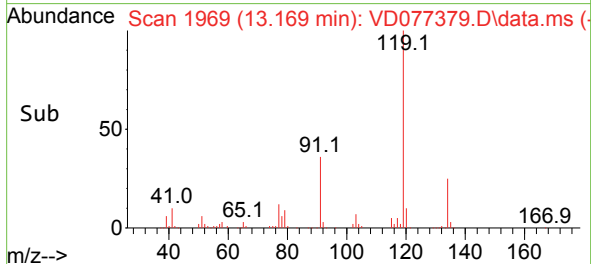
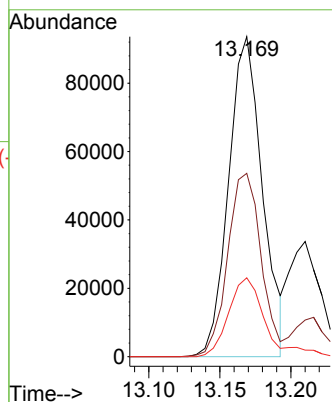
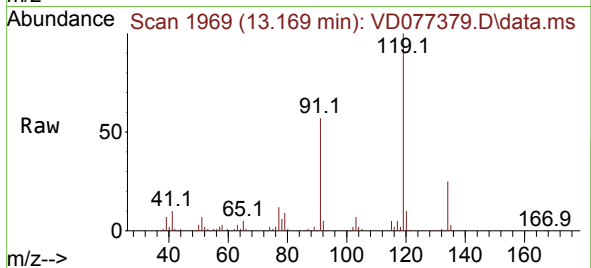
Tgt Ion:119 Resp: 154829

Ion Ratio Lower Upper

119 100

91 56.7 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.718 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077379.D

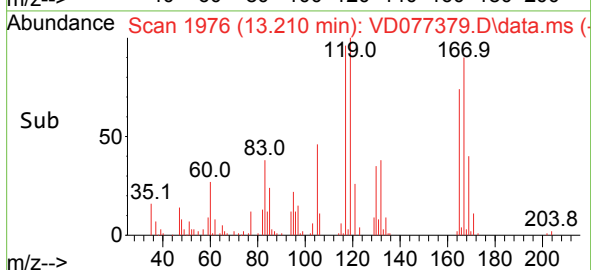
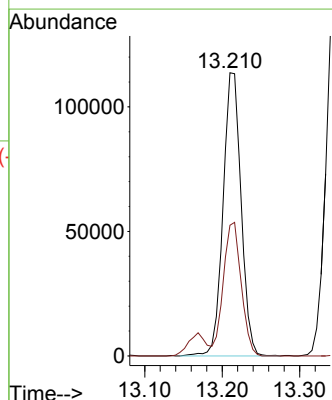
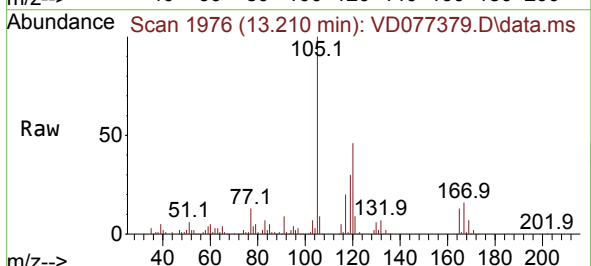
Acq: 23 Oct 2023 14:03

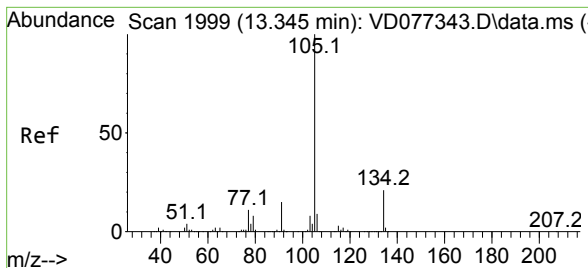
Tgt Ion:105 Resp: 184459

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 22.212 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

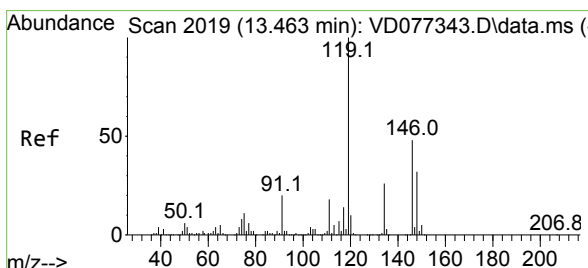
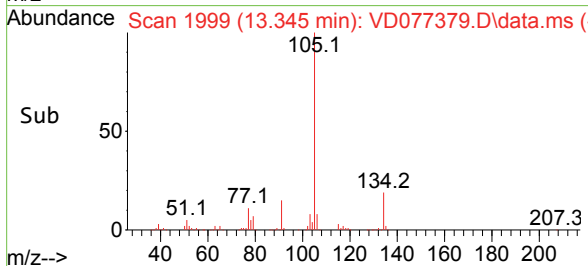
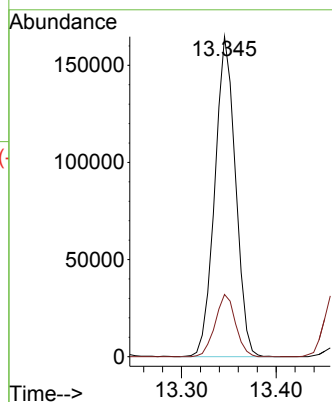
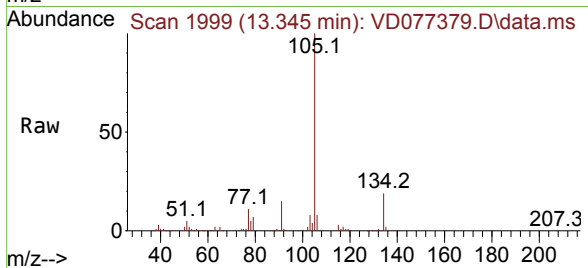
ClientSampleId :

Tgt Ion:105 Resp: 249987

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.780 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

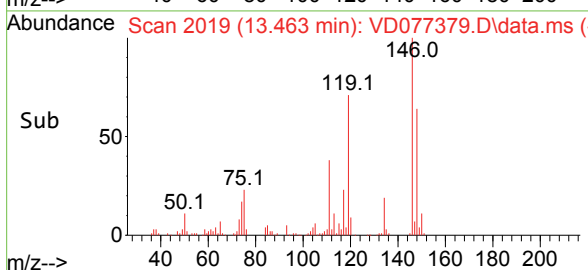
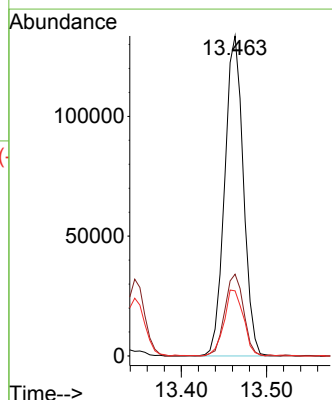
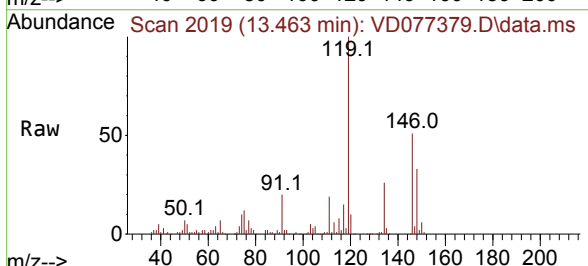
Tgt Ion:119 Resp: 203177

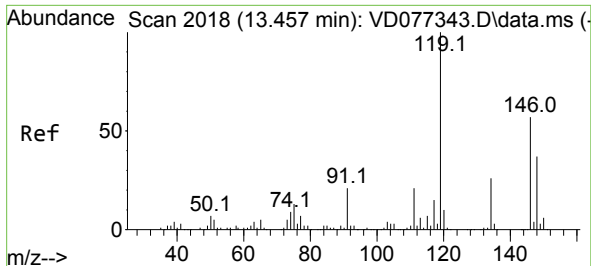
Ion Ratio Lower Upper

119 100

134 25.8 14.2 42.6

91 21.5 10.5 31.5

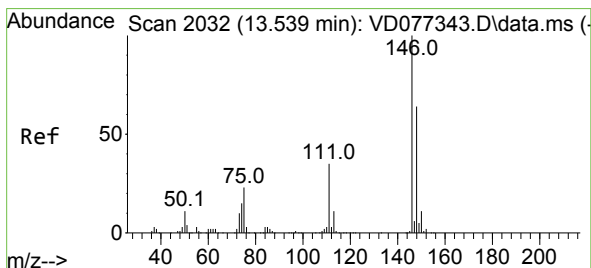
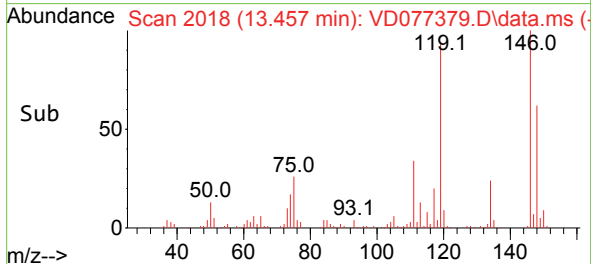
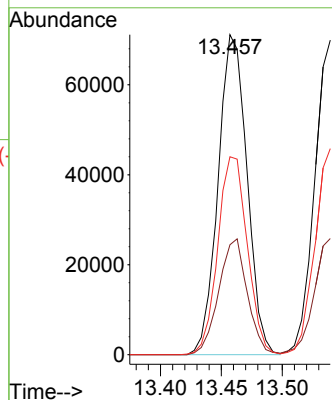
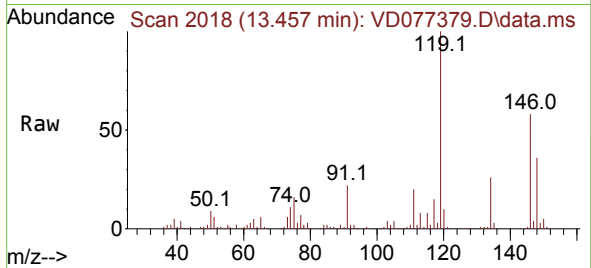




#87
1,3-Dichlorobenzene
Concen: 20.798 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

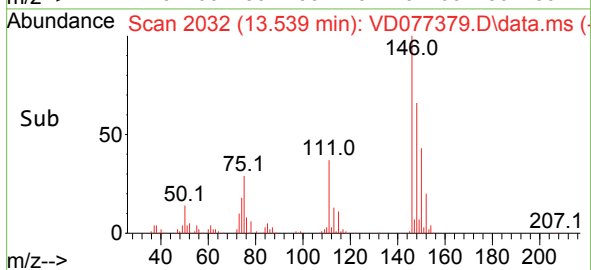
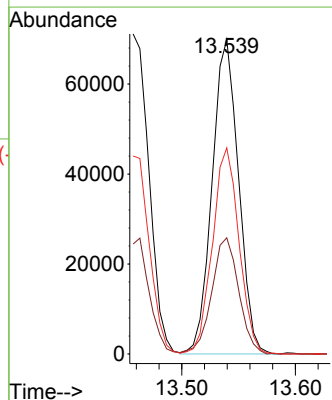
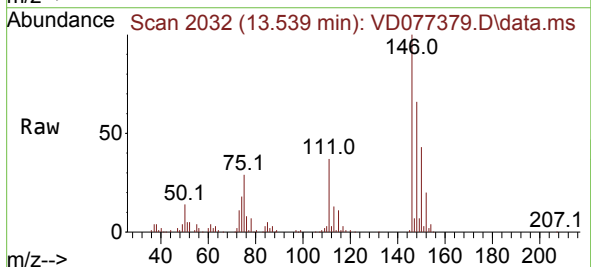
Instrument :
MSVOA_D
ClientSampleId :

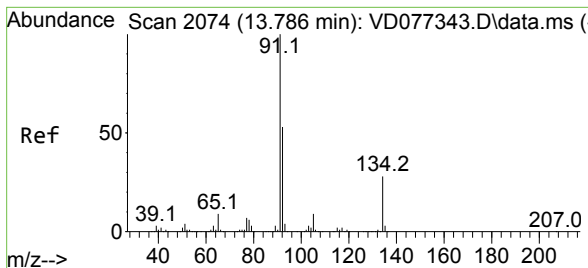
Tgt Ion:146 Resp: 117470
Ion Ratio Lower Upper
146 100
111 35.9 17.9 53.8
148 63.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.193 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

Tgt Ion:146 Resp: 113021
Ion Ratio Lower Upper
146 100
111 37.8 17.4 52.3
148 65.9 31.7 95.1





#89

n-Butylbenzene

Concen: 21.950 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

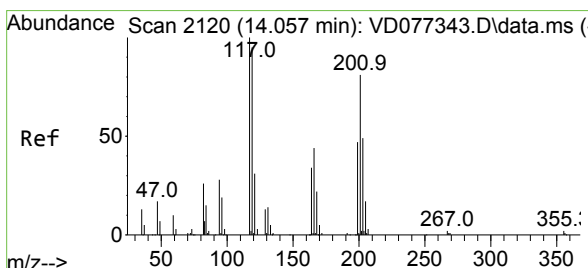
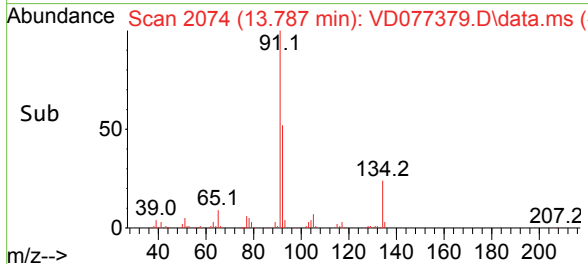
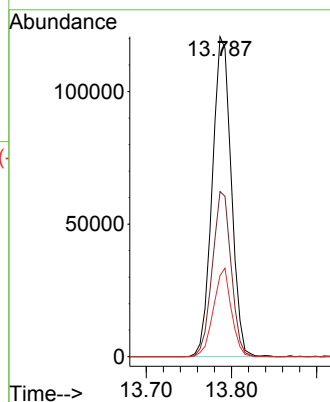
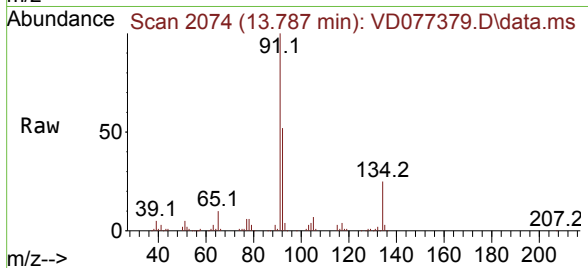
Tgt Ion: 91 Resp: 186877

Ion Ratio Lower Upper

91 100

92 51.1 26.5 79.5

134 26.0 13.8 41.3



#90

Hexachloroethane

Concen: 21.377 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD077379.D

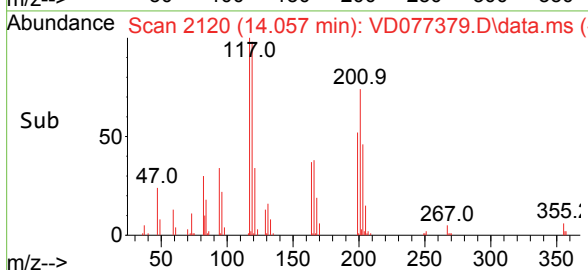
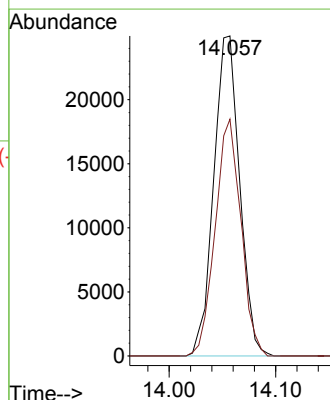
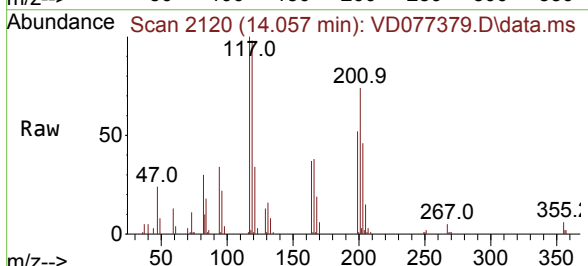
Acq: 23 Oct 2023 14:03

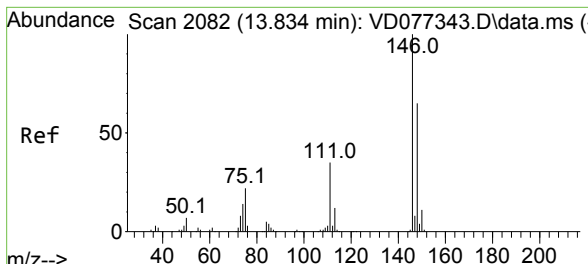
Tgt Ion: 117 Resp: 42249

Ion Ratio Lower Upper

117 100

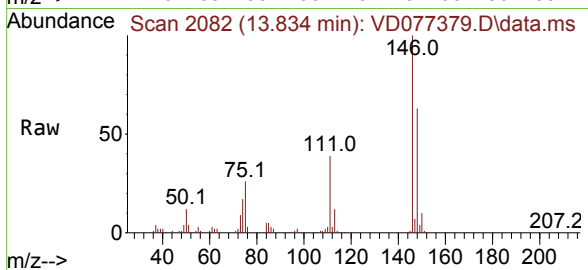
201 73.4 38.5 115.5



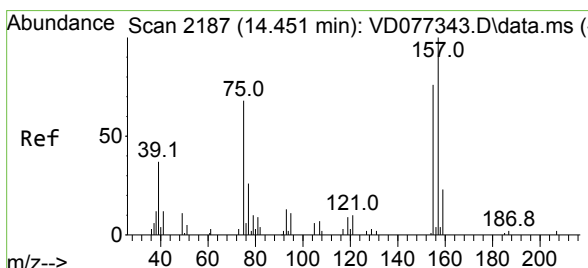
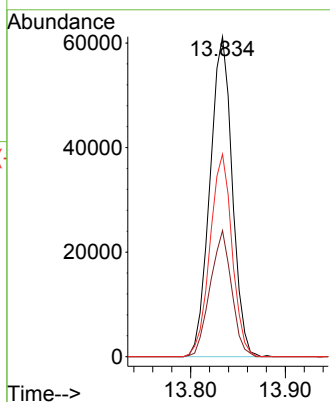
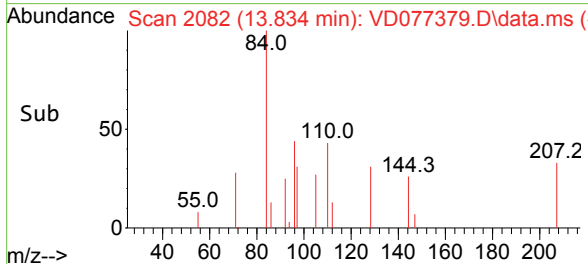


#91
1,2-Dichlorobenzene
Concen: 20.932 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03

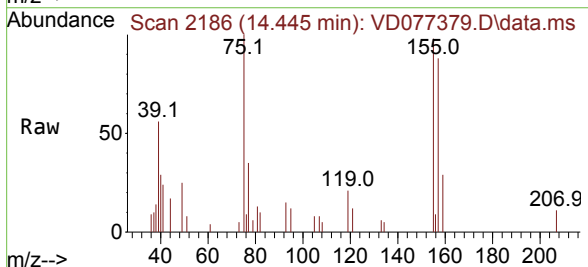
Instrument :
MSVOA_D
ClientSampleId :



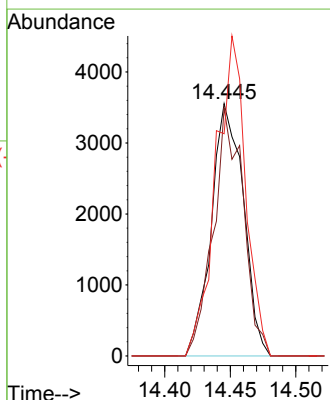
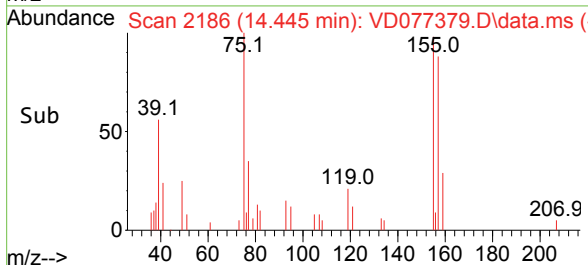
Tgt Ion:146 Resp: 99869
Ion Ratio Lower Upper
146 100
111 37.9 18.3 54.8
148 62.8 31.6 94.7

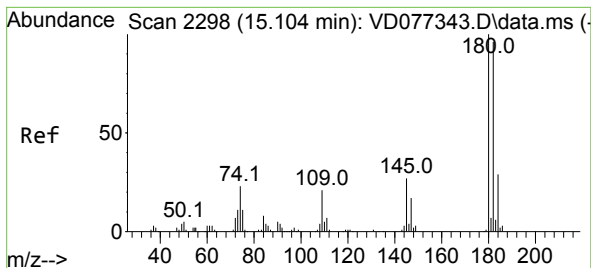


#92
1,2-Dibromo-3-Chloropropane
Concen: 26.511 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077379.D
Acq: 23 Oct 2023 14:03



Tgt Ion: 75 Resp: 6028
Ion Ratio Lower Upper
75 100
155 92.2 47.9 143.8
157 118.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.730 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077379.D

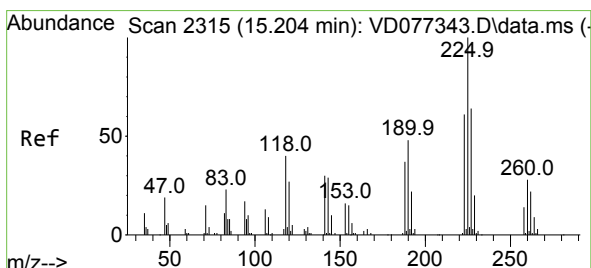
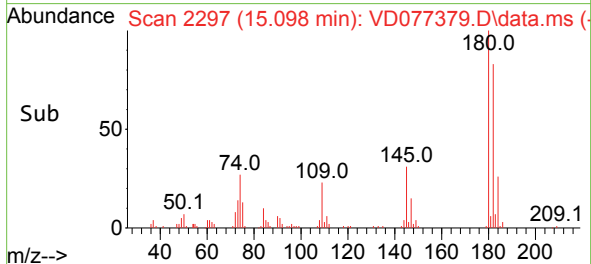
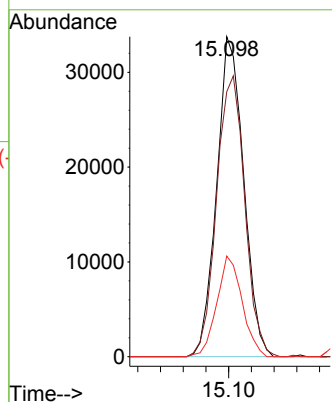
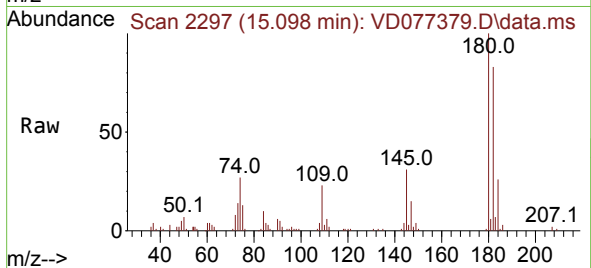
Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	55680
Ion Ratio	Lower	Upper
180	100	
182	91.6	48.5 145.6
145	29.5	14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.175 ug/l

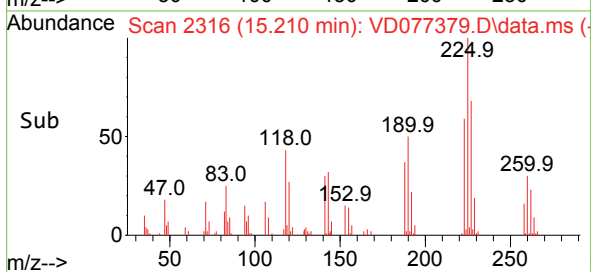
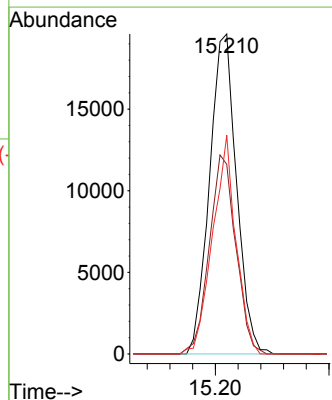
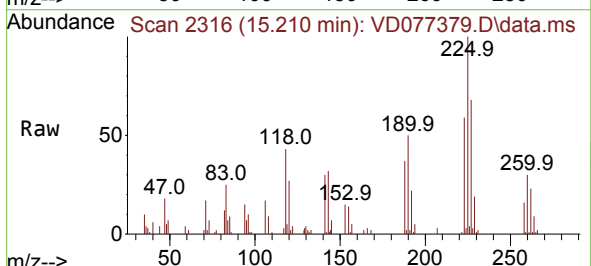
RT: 15.210 min Scan# 2316

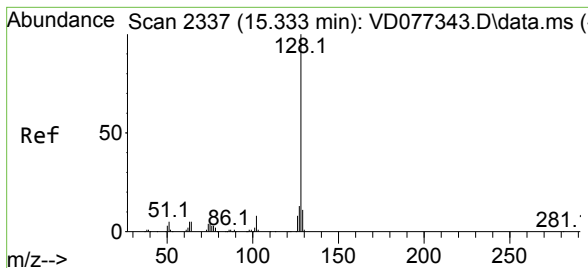
Delta R.T. 0.006 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Tgt Ion:225	Resp:	32373
Ion Ratio	Lower	Upper
225	100	
223	61.0	31.6 94.8
227	59.1	31.7 95.1





#95

Naphthalene

Concen: 19.892 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

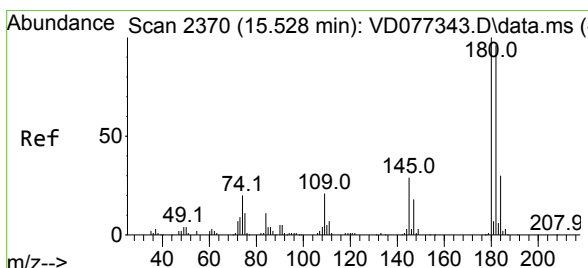
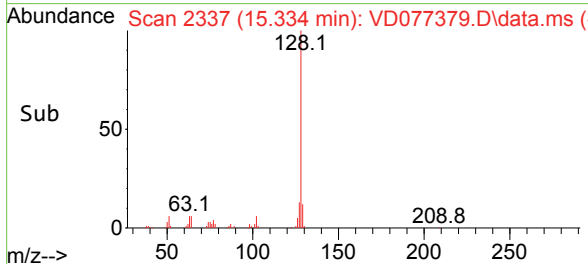
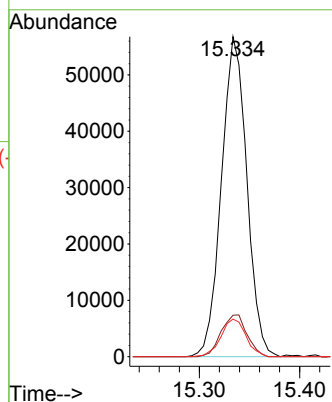
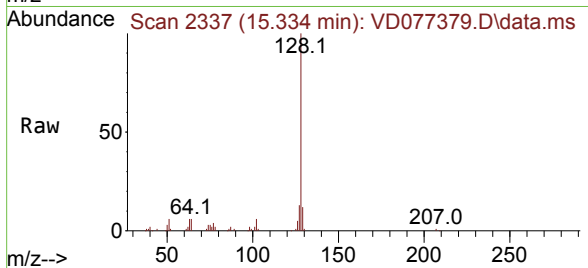
Tgt Ion:128 Resp: 99840

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.829 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077379.D

Acq: 23 Oct 2023 14:03

Tgt Ion:180 Resp: 48583

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 29.7 15.1 45.3

