

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077801.D
 Acq On : 08 Dec 2023 19:52
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 08 23:15:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85513	55.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.810	113	86070	53.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.269	98	344758	53.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.575	95	105762	55.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75634	46.176	ug/l	99
3) Chloromethane	2.152	50	120668	54.047	ug/l	99
4) Vinyl Chloride	2.287	62	161804	53.384	ug/l	97
5) Bromomethane	2.699	94	96479	56.728	ug/l	97
6) Chloroethane	2.840	64	110543	53.495	ug/l	96
7) Trichlorofluoromethane	3.175	101	140539	50.346	ug/l	91
8) Diethyl Ether	3.599	74	44462	56.722	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.975	101	82140	51.435	ug/l	98
10) Methyl Iodide	4.163	142	79993	56.188	ug/l	91
11) Tert butyl alcohol	5.058	59	22528	305.262	ug/l	97
12) 1,1-Dichloroethene	3.946	96	83490	52.971	ug/l #	83
13) Acrolein	3.799	56	46480	284.379	ug/l	95
14) Allyl chloride	4.569	41	119660	55.200	ug/l #	90
15) Acrylonitrile	5.252	53	101430	302.225	ug/l	99
16) Acetone	4.022	43	84461	253.356	ug/l #	81
17) Carbon Disulfide	4.275	76	276541	51.860	ug/l	97
18) Methyl Acetate	4.569	43	74241	61.010	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	197940	59.192	ug/l	96
20) Methylene Chloride	4.805	84	102176	56.465	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	98400	55.118	ug/l	87
22) Diisopropyl ether	6.222	45	266933	58.925	ug/l	95
23) Vinyl Acetate	6.157	43	642256	290.326	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	170217	55.486	ug/l	95
25) 2-Butanone	7.087	43	122505	290.890	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	135281	52.523	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	111899	58.251	ug/l	91
28) Bromochloromethane	7.428	49	68786	55.490	ug/l #	75
29) Tetrahydrofuran	7.452	42	75302	306.051	ug/l	86
30) Chloroform	7.599	83	175971	57.315	ug/l	93
31) Cyclohexane	7.881	56	138995	50.576	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	146137	53.993	ug/l	99
36) 1,1-Dichloropropene	8.010	75	133629	52.212	ug/l	95
37) Ethyl Acetate	7.169	43	52407	52.515	ug/l #	94
38) Carbon Tetrachloride	7.993	117	131396	51.497	ug/l	96
39) Methylcyclohexane	9.275	83	161915	53.365	ug/l	92
40) Benzene	8.251	78	391193	53.854	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23241	45.820	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	108076	57.398	ug/l	94
43) Isopropyl Acetate	8.363	43	103683	58.446	ug/l #	90
44) Trichloroethene	9.034	130	100903	53.304	ug/l	99
45) 1,2-Dichloropropane	9.304	63	98654	55.867	ug/l	92
46) Dibromomethane	9.398	93	54183	57.991	ug/l	91
47) Bromodichloromethane	9.587	83	133140	56.219	ug/l	99
48) Methyl methacrylate	9.381	41	59445	58.949	ug/l #	79
49) 1,4-Dioxane	9.387	88	10421	1123.231	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	265454	293.199	ug/l	90
52) Toluene	10.334	92	247193	54.860	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	131681	57.902	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	154346	56.134	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	71956	56.302	ug/l	95
56) Ethyl methacrylate	10.598	69	65192	57.865	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	128141	58.167	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	179527	279.426	ug/l	94
59) 2-Hexanone	10.922	43	190564	253.700	ug/l	89
60) Dibromochloromethane	11.075	129	89517	58.176	ug/l	97
61) 1,2-Dibromoethane	11.181	107	68601	57.023	ug/l	98
64) Tetrachloroethene	10.810	164	83577	53.394	ug/l	92
65) Chlorobenzene	11.604	112	265363	52.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97142	54.853	ug/l	96
67) Ethyl Benzene	11.681	91	482742	54.446	ug/l	99
68) m/p-Xylenes	11.792	106	377327	111.258	ug/l	92
69) o-Xylene	12.122	106	177518	56.794	ug/l	93
70) Styrene	12.134	104	269408	57.966	ug/l	95
71) Bromoform	12.298	173	54520	58.919	ug/l #	98
73) Isopropylbenzene	12.422	105	458798	51.610	ug/l	97
74) N-amyl acetate	12.234	43	91550	52.390	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	83584	53.924	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	104937	103.011	ug/l #	100
77) Bromobenzene	12.698	156	108913	52.087	ug/l	92
78) n-propylbenzene	12.763	91	565105	52.168	ug/l	97
79) 2-Chlorotoluene	12.851	91	302853	52.169	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	392016	52.872	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26871	53.443	ug/l	94
82) 4-Chlorotoluene	12.945	91	319580	52.658	ug/l	96
83) tert-Butylbenzene	13.169	119	339096	54.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	398538	53.742	ug/l	98
85) sec-Butylbenzene	13.345	105	483709	52.279	ug/l	97
86) p-Isopropyltoluene	13.457	119	441970	53.352	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	225576	52.753	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	223357	52.409	ug/l	98
89) n-Butylbenzene	13.786	91	410675	52.685	ug/l	99
90) Hexachloroethane	14.051	117	81206	53.303	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	192746	53.000	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12574	56.120	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	127386	51.281	ug/l	97
94) Hexachlorobutadiene	15.204	225	70168	52.383	ug/l	99
95) Naphthalene	15.333	128	239901	58.126	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	109613	53.525	ug/l	100

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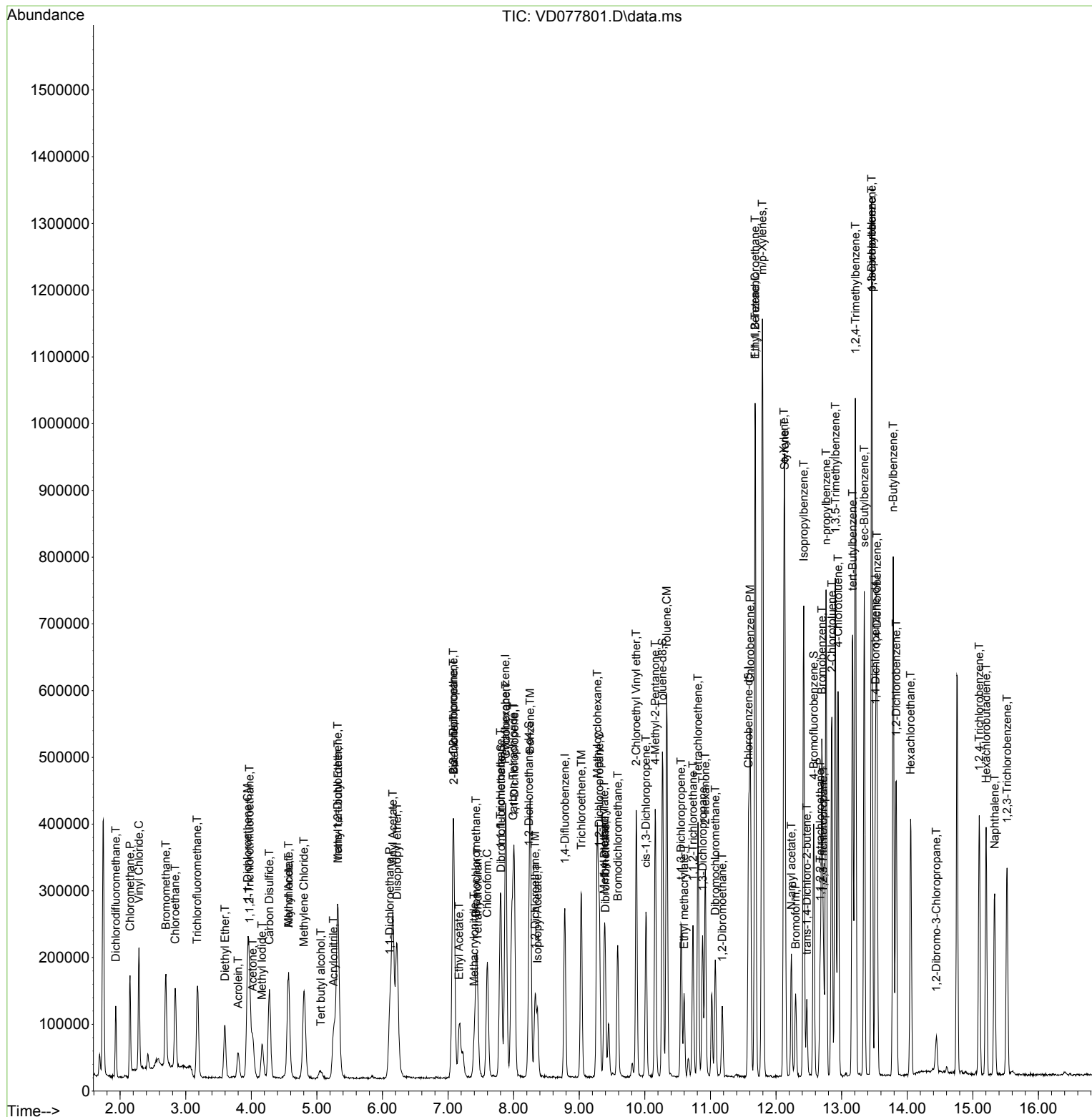
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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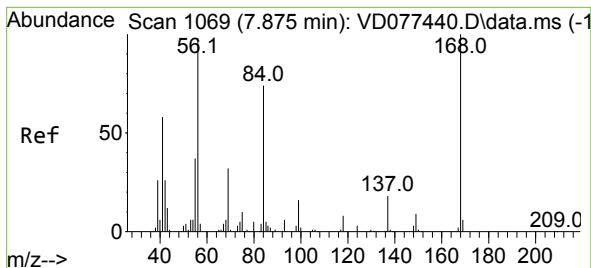
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

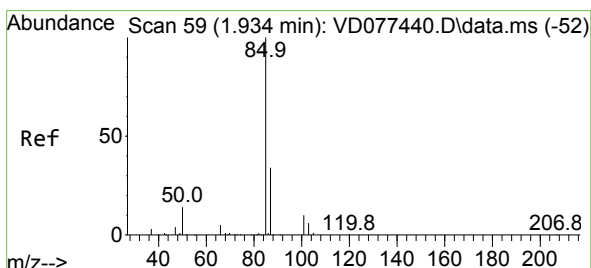
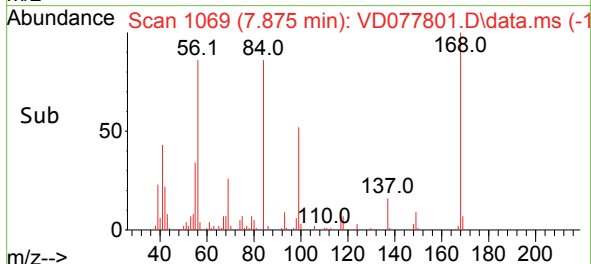
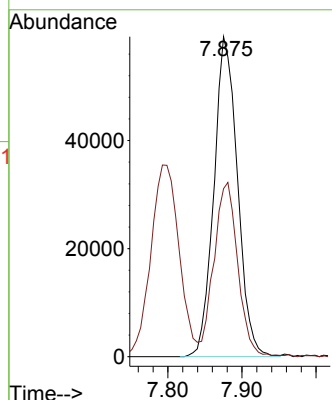
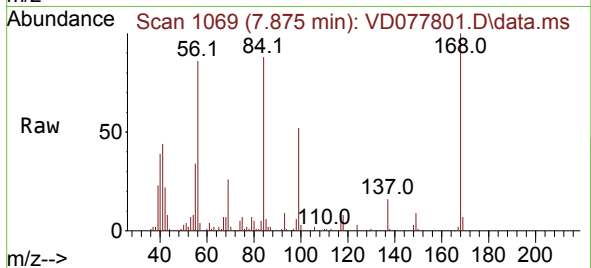
VSTDCCC050EC

Tgt Ion:168 Resp: 131124

Ion Ratio Lower Upper

168 100

99 52.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 46.176 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077801.D

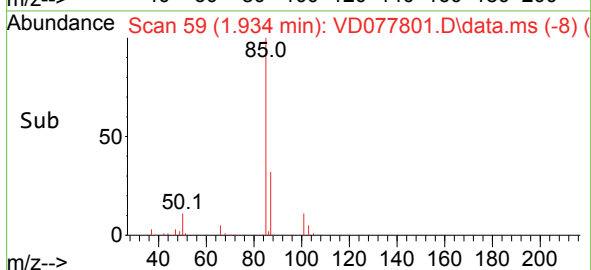
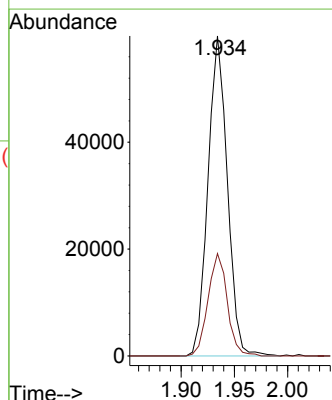
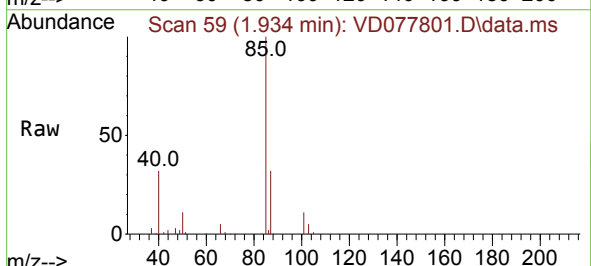
Acq: 08 Dec 2023 19:52

Tgt Ion: 85 Resp: 75634

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

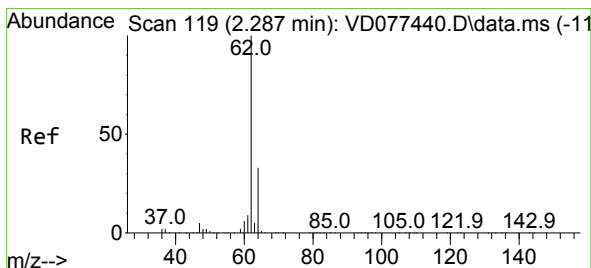
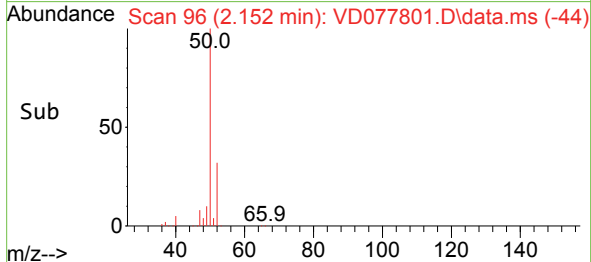
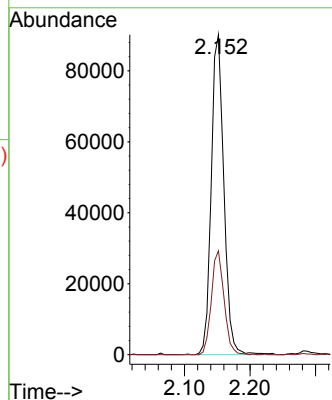
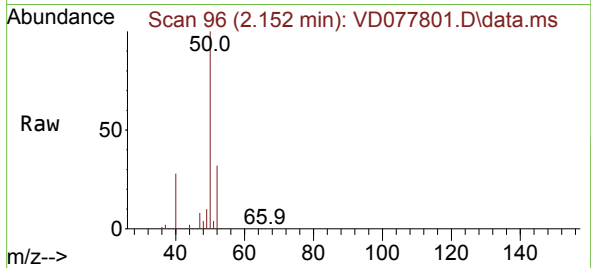




#3
Chloromethane
Concen: 54.047 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

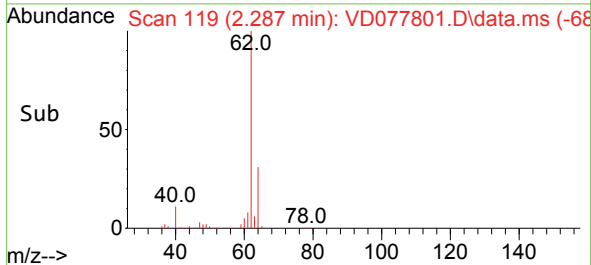
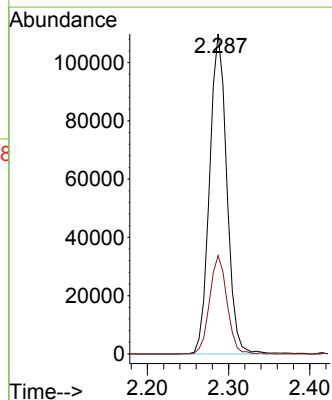
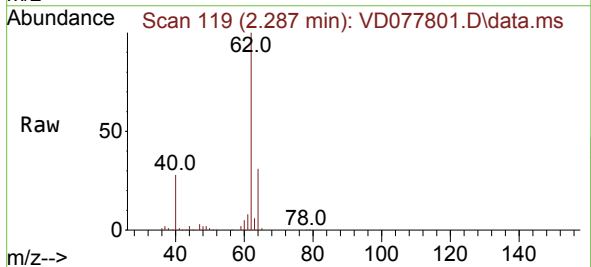
Instrument :
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ClientSampleId :
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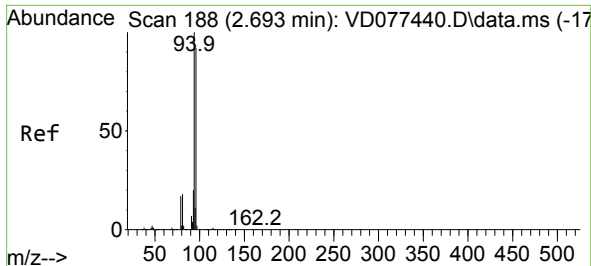
Tgt Ion: 50 Resp: 120668
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 53.384 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 62 Resp: 161804
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

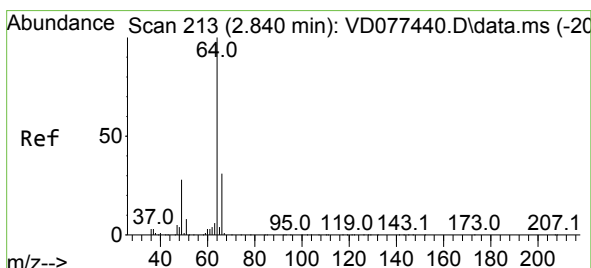
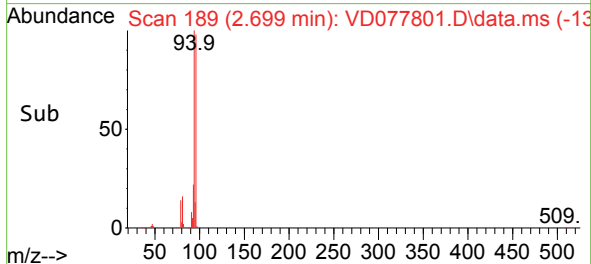
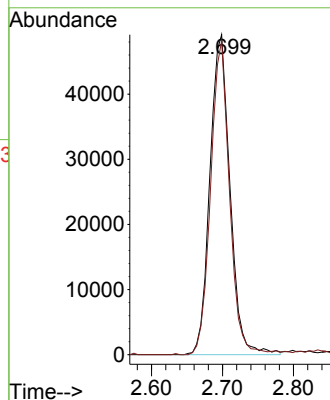
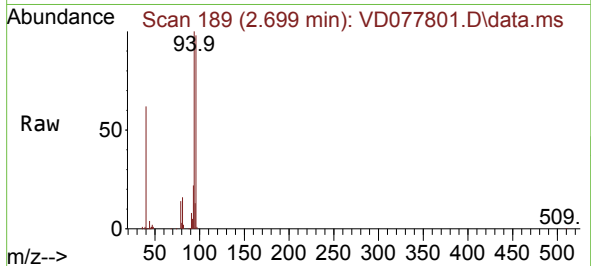




#5
Bromomethane
Concen: 56.728 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

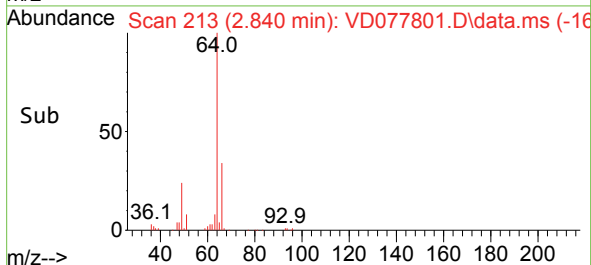
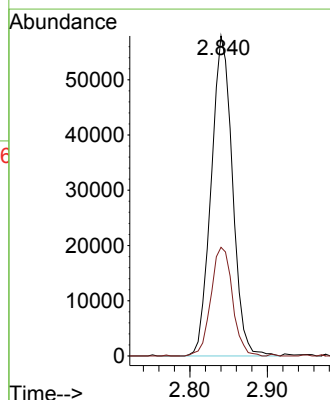
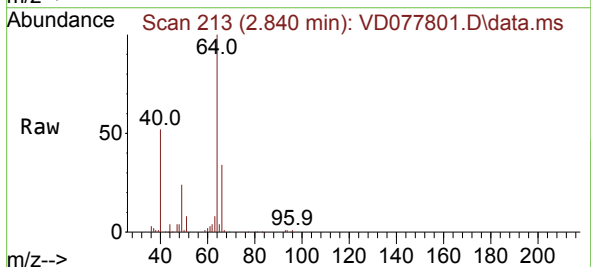
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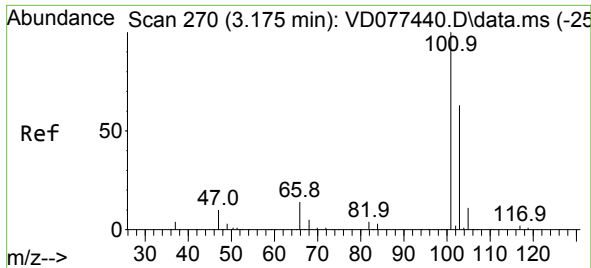
Tgt Ion: 94 Resp: 96479
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.8



#6
Chloroethane
Concen: 53.495 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 64 Resp: 110543
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3

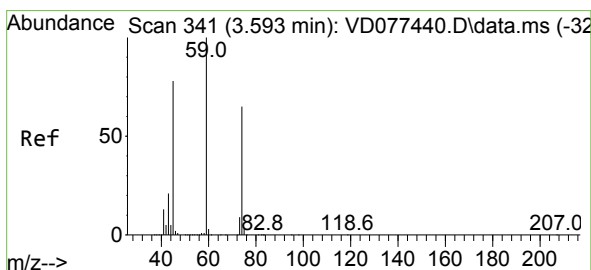
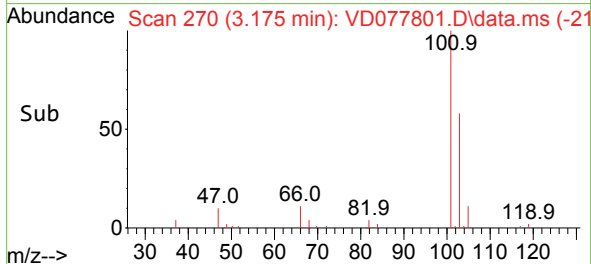
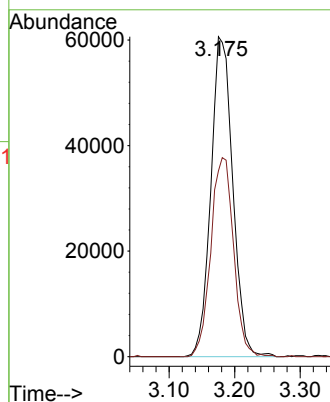
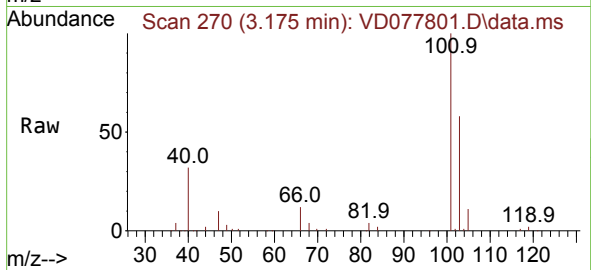




#7
 Trichlorofluoromethane
 Concen: 50.346 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

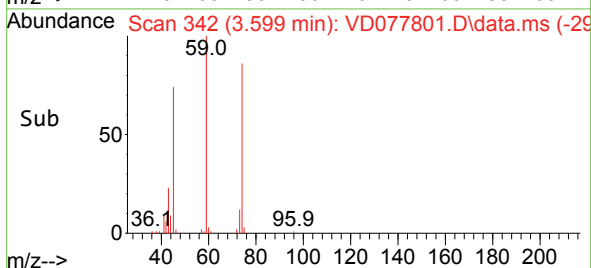
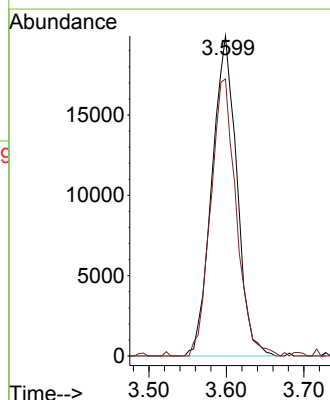
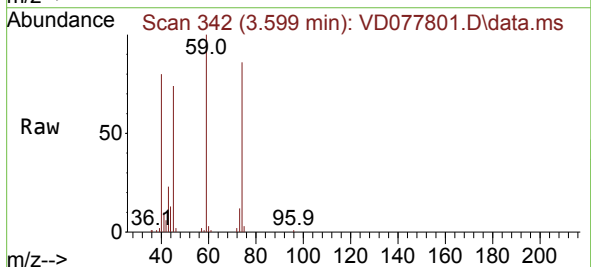
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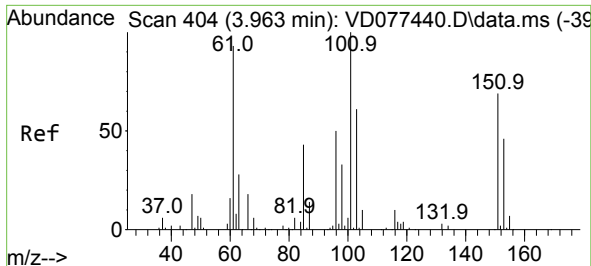
Tgt Ion:101 Resp: 140539
 Ion Ratio Lower Upper
 101 100
 103 58.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 56.722 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

Tgt Ion: 74 Resp: 44462
 Ion Ratio Lower Upper
 74 100
 45 88.9 37.5 112.7

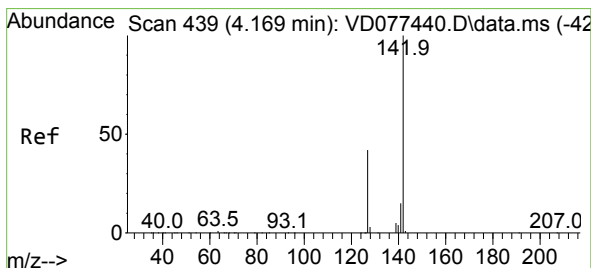
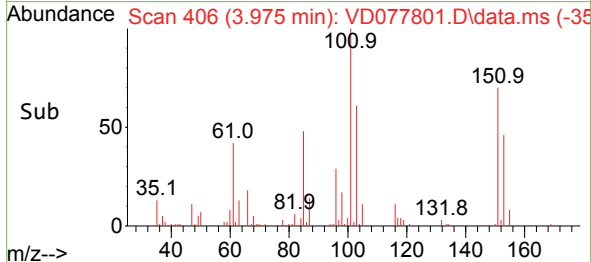
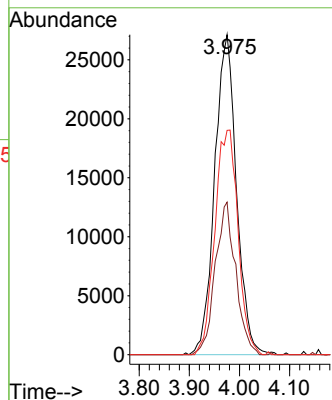
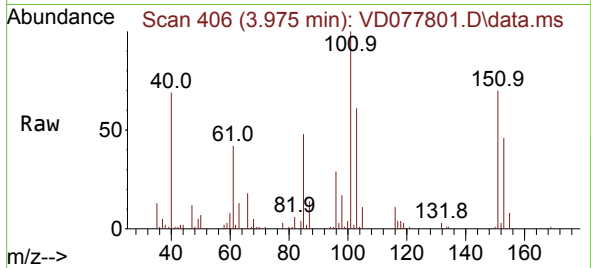




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.435 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

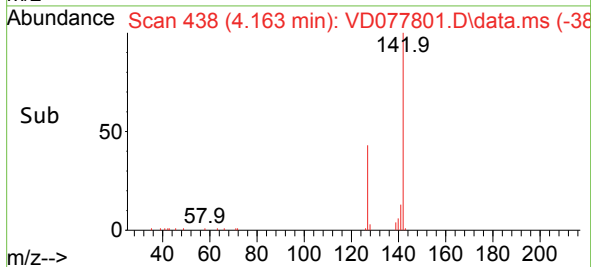
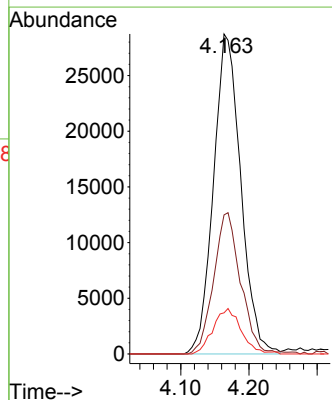
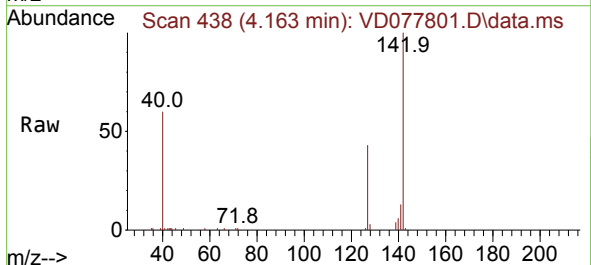
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

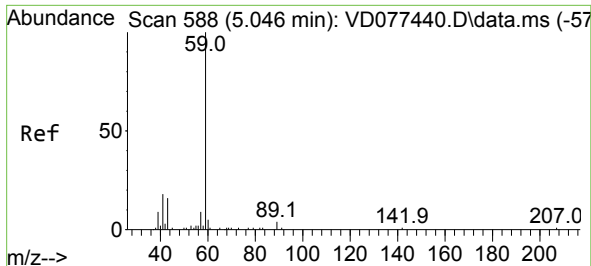
Tgt Ion:101 Resp: 82140
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 74.5 59.8 89.6



#10
Methyl Iodide
Concen: 56.188 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:142 Resp: 79993
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.7 11.1 16.7

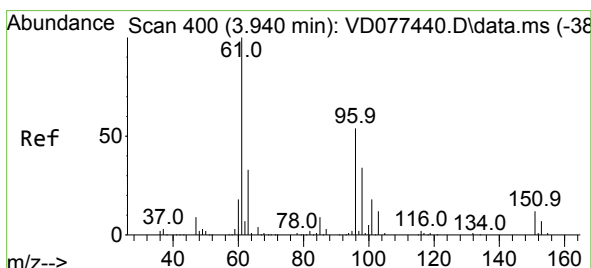
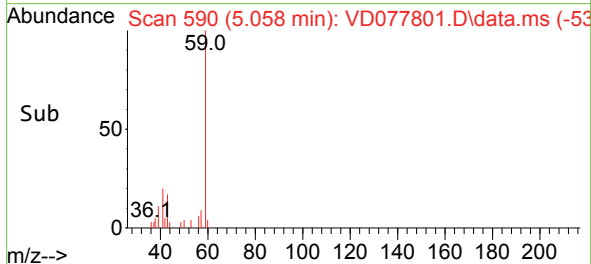
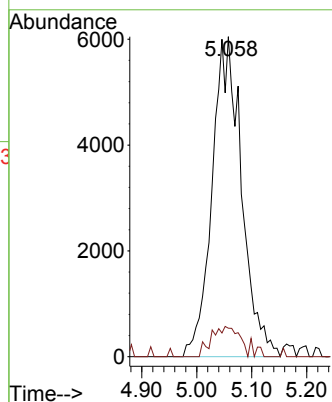
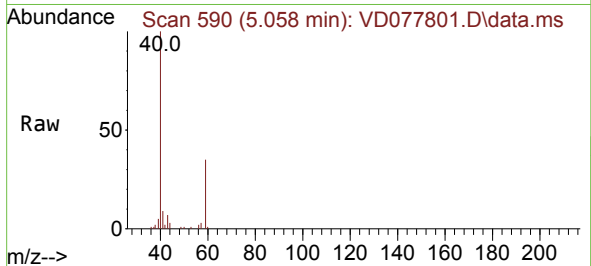




#11
Tert butyl alcohol
Concen: 305.262 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

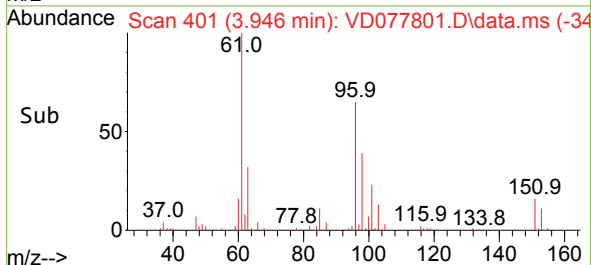
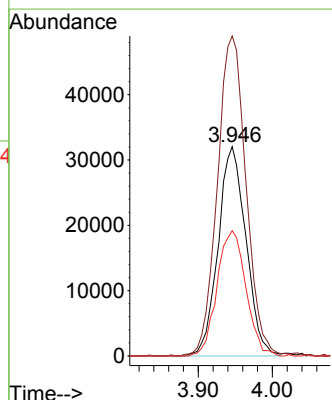
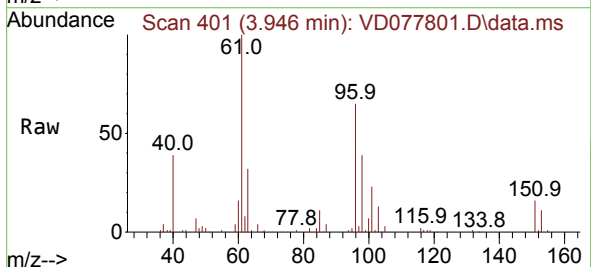
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

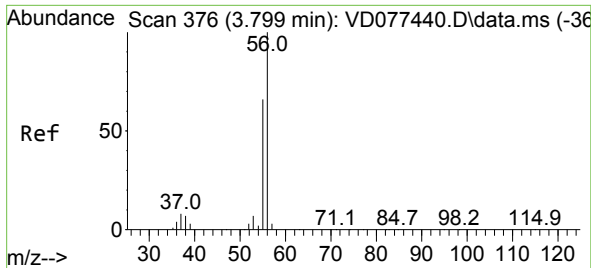
Tgt Ion: 59 Resp: 22528
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.971 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 96 Resp: 83490
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 59.9 50.2 75.2

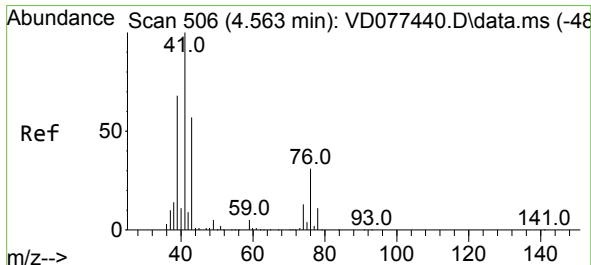
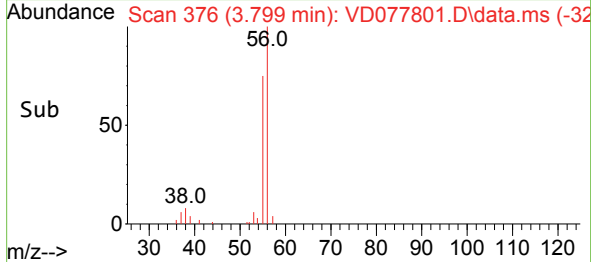
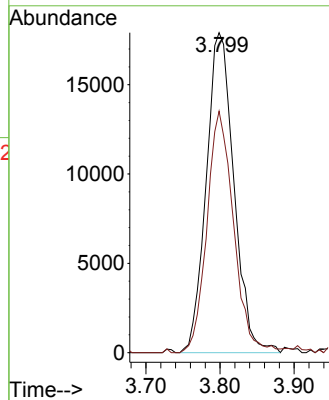
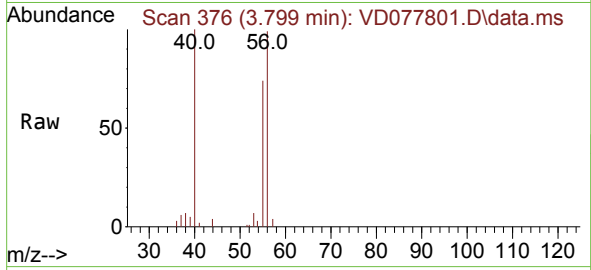




#13
Acrolein
Concen: 284.379 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

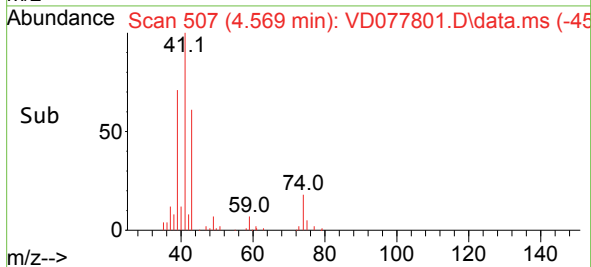
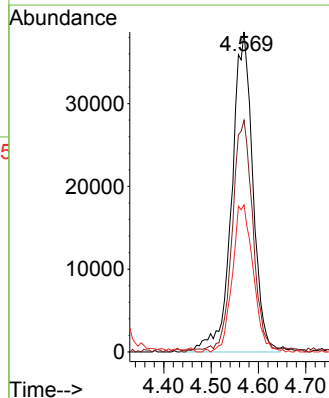
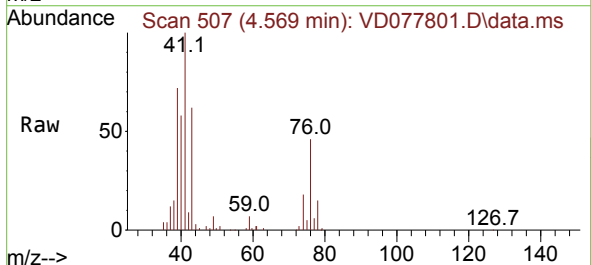
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 46480
Ion Ratio Lower Upper
56 100
55 72.7 55.1 82.7



#14
Allyl chloride
Concen: 55.200 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 41 Resp: 119660
Ion Ratio Lower Upper
41 100
39 71.3 53.8 80.6
76 45.4 45.8 68.8#

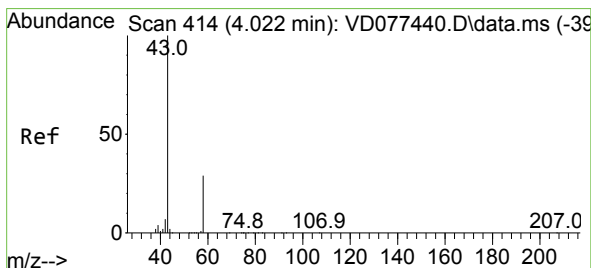
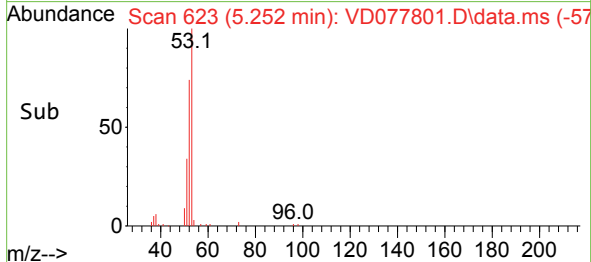
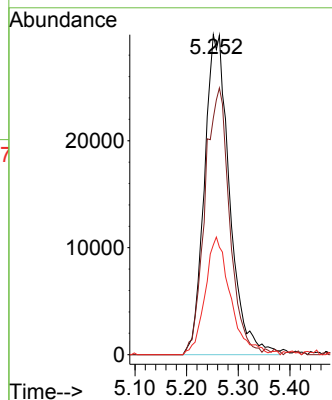
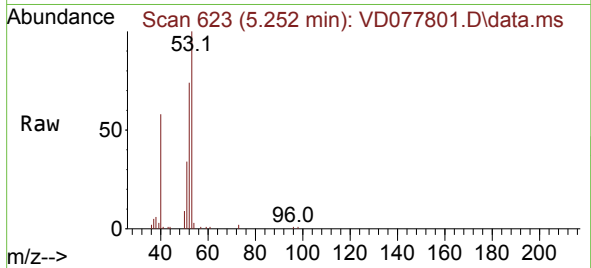




#15
Acrylonitrile
Concen: 302.225 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

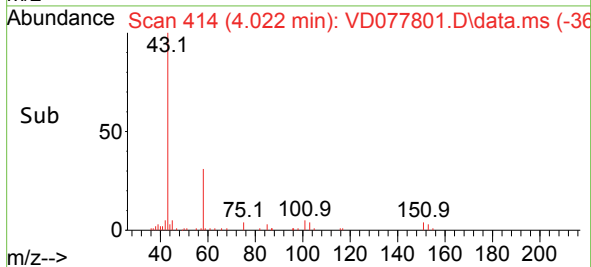
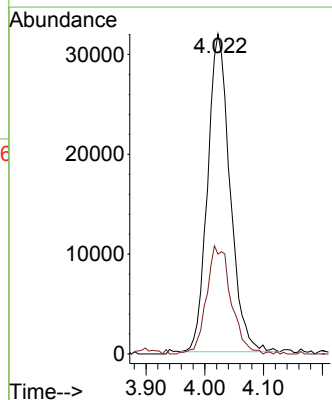
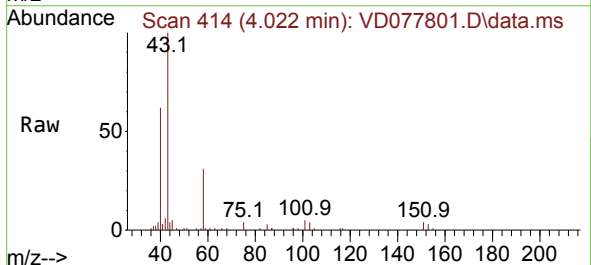
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

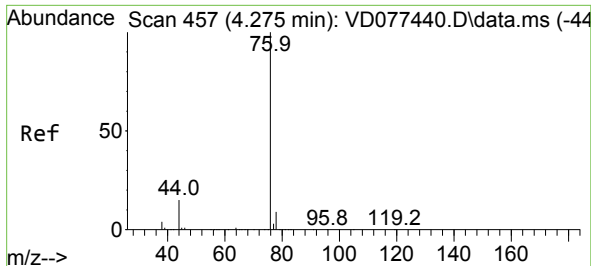
Tgt Ion: 53 Resp: 101430
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 36.8 28.3 42.5



#16
Acetone
Concen: 253.356 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 43 Resp: 84461
Ion Ratio Lower Upper
43 100
58 31.4 34.7 52.1#

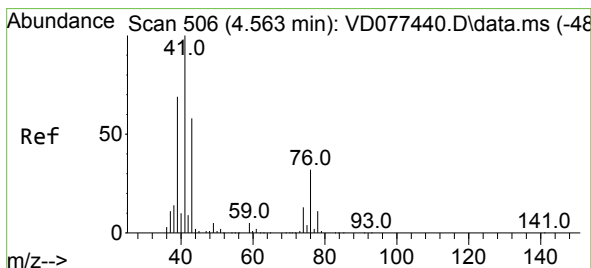
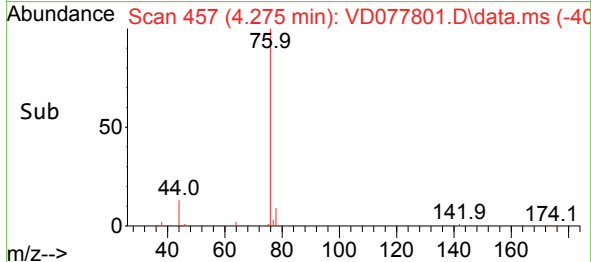
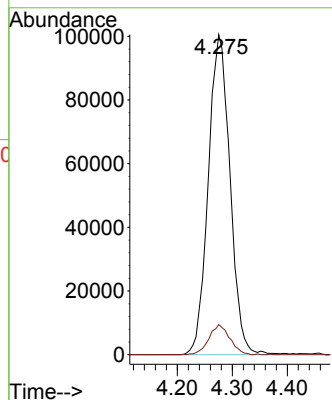
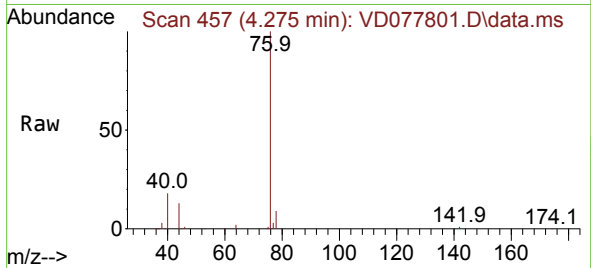




#17
Carbon Disulfide
Concen: 51.860 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

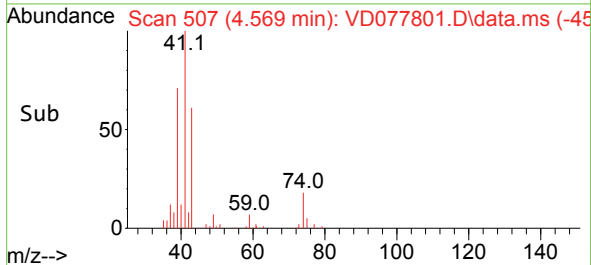
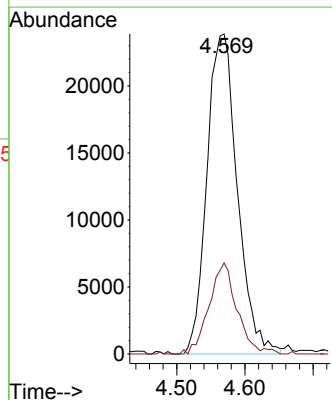
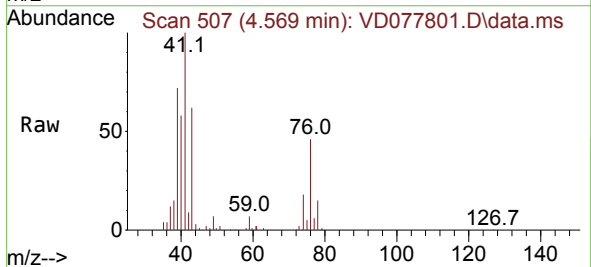
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

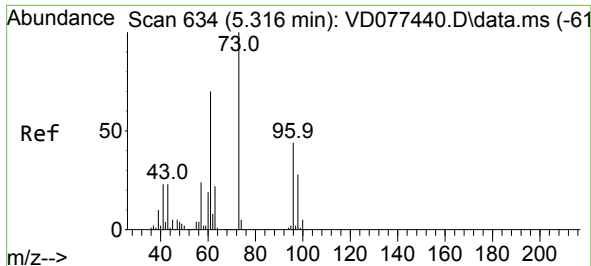
Tgt Ion: 76 Resp: 276541
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 61.010 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 43 Resp: 74241
Ion Ratio Lower Upper
43 100
74 26.1 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 59.192 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

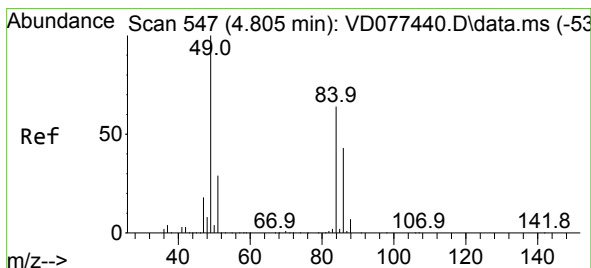
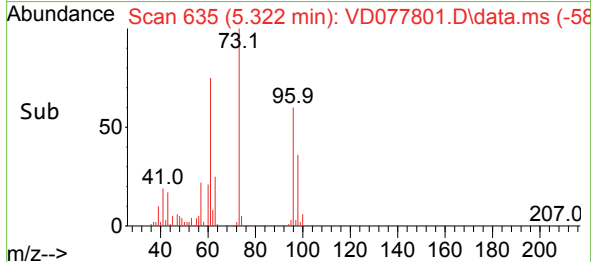
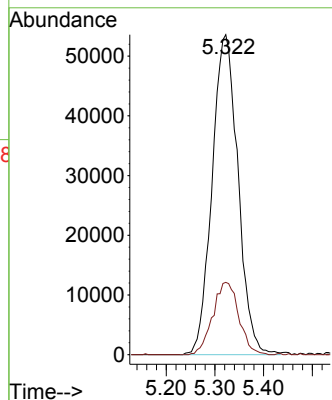
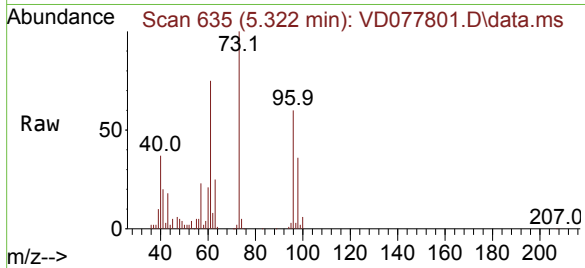
VSTDCCC050EC

Tgt Ion: 73 Resp: 197940

Ion Ratio Lower Upper

73 100

57 22.6 16.6 25.0



#20

Methylene Chloride

Concen: 56.465 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Tgt Ion: 84 Resp: 102176

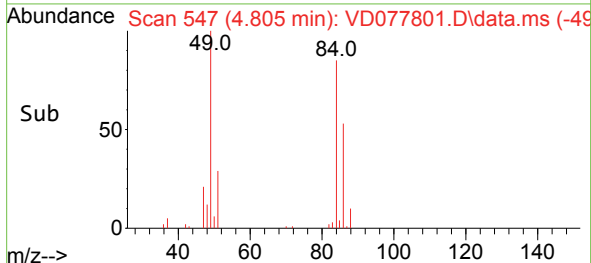
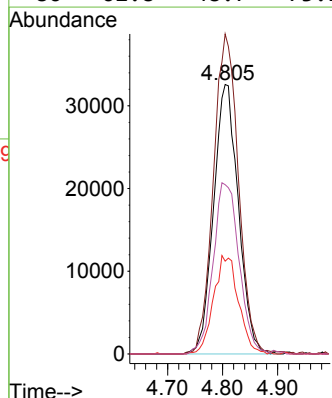
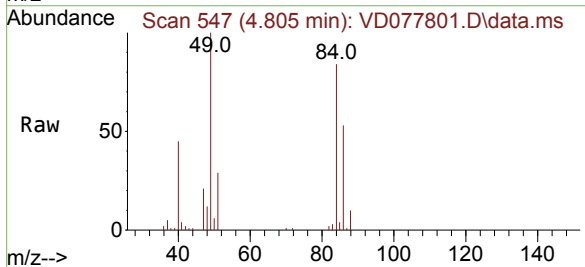
Ion Ratio Lower Upper

84 100

49 118.8 71.4 107.2#

51 34.5 24.5 36.7

86 62.8 48.7 73.1

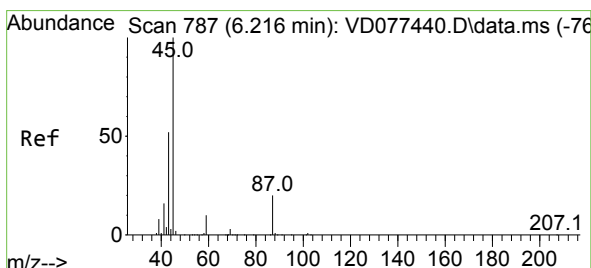
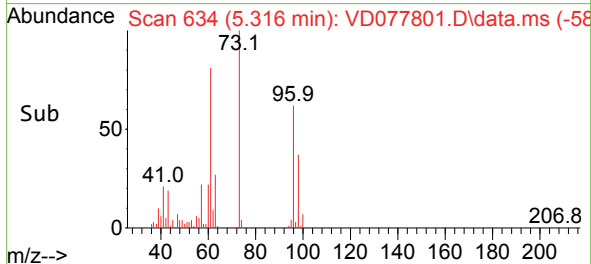
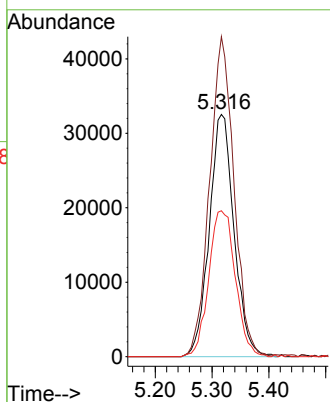
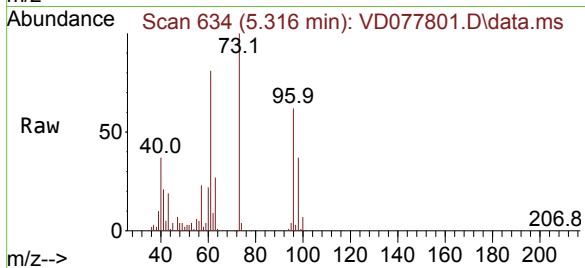




#21
trans-1,2-Dichloroethene
Concen: 55.118 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

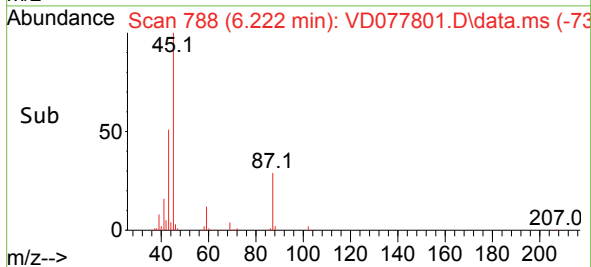
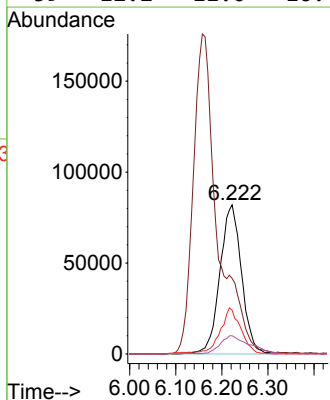
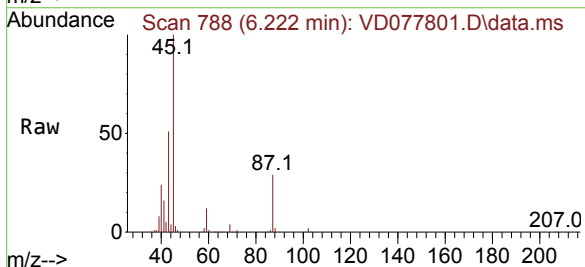
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

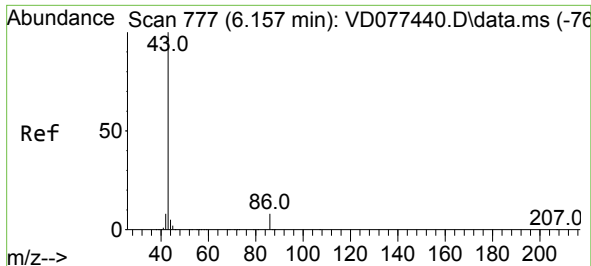
Tgt Ion: 96 Resp: 98400
Ion Ratio Lower Upper
96 100
61 132.1 89.3 133.9
98 60.3 48.6 73.0



#22
Diisopropyl ether
Concen: 58.925 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 45 Resp: 266933
Ion Ratio Lower Upper
45 100
43 49.4 40.0 60.0
87 29.3 28.2 42.4
59 12.2 11.0 16.4

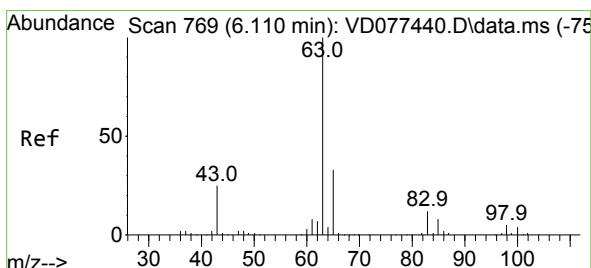
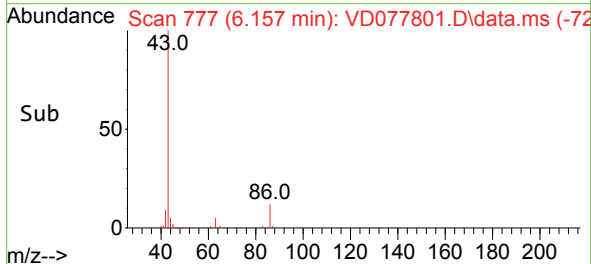
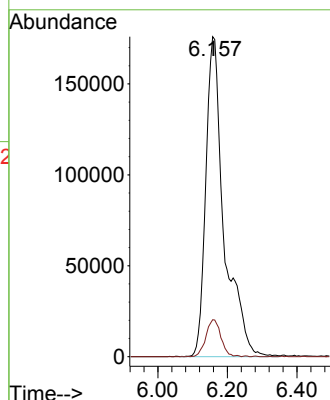
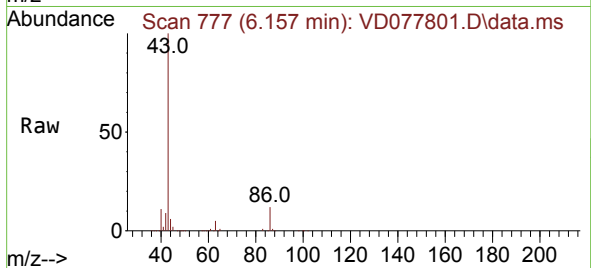




#23
 Vinyl Acetate
 Concen: 290.326 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

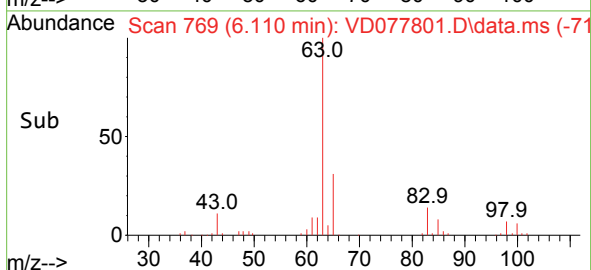
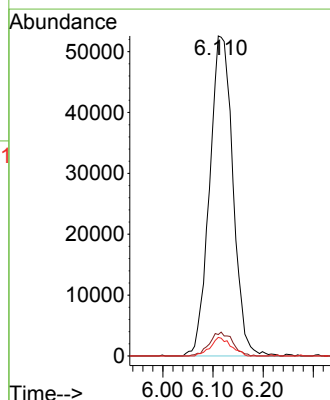
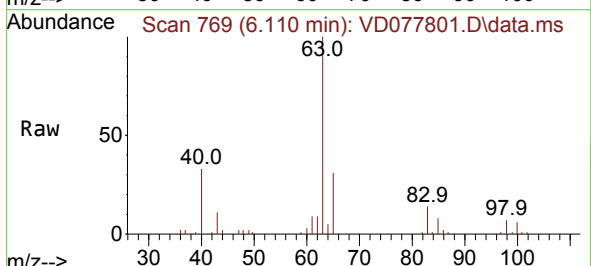
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 642256
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 55.486 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

Tgt Ion: 63 Resp: 170217
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 5.8 2.5 7.5





#25

2-Butanone

Concen: 290.890 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

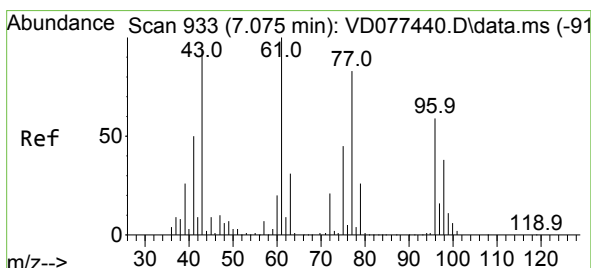
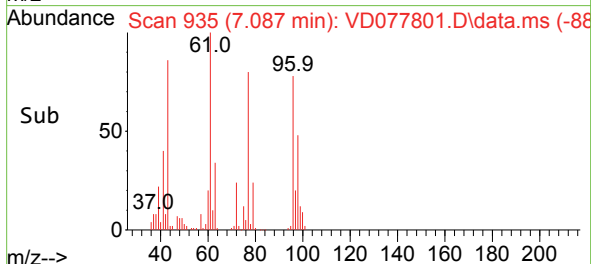
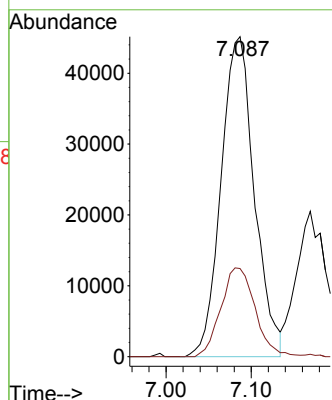
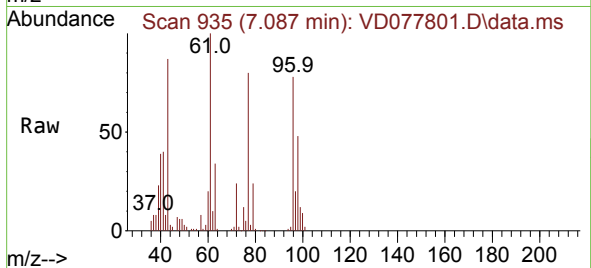
VSTDCCC050EC

Tgt Ion: 43 Resp: 122505

Ion Ratio Lower Upper

43 100

72 27.5 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 52.523 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077801.D

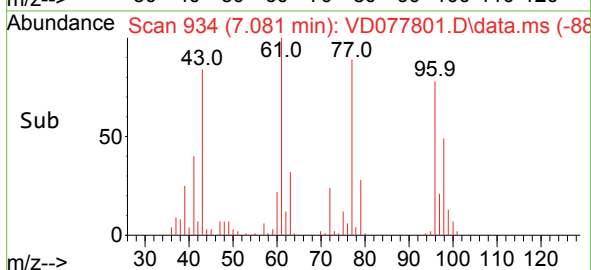
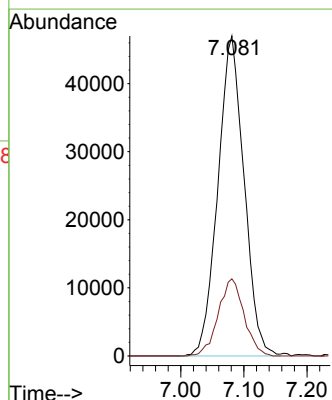
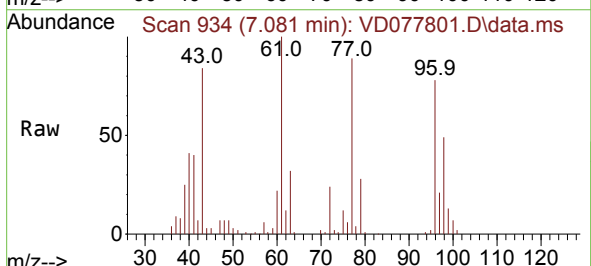
Acq: 08 Dec 2023 19:52

Tgt Ion: 77 Resp: 135281

Ion Ratio Lower Upper

77 100

97 23.7 13.2 39.6

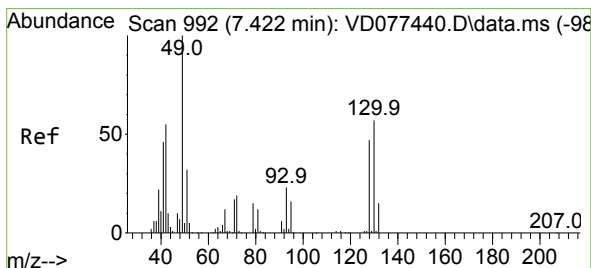
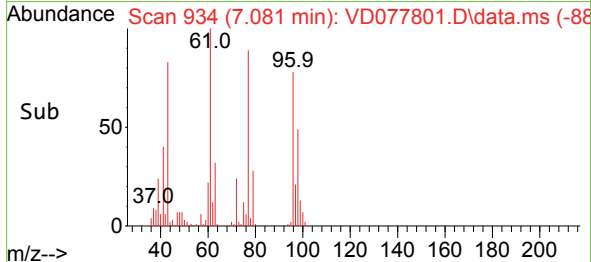
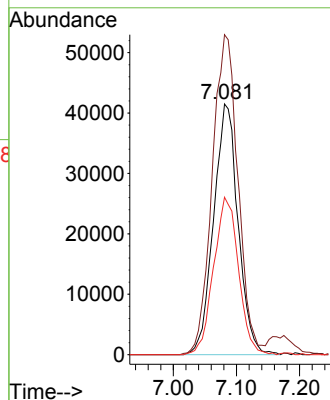
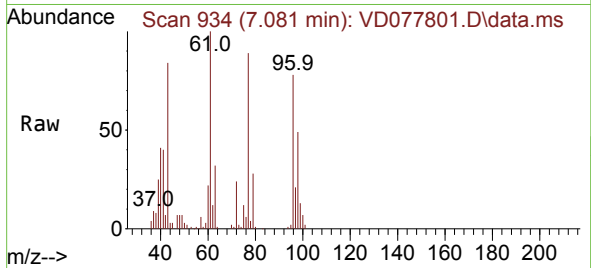




#27
 cis-1,2-Dichloroethene
 Concen: 58.251 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

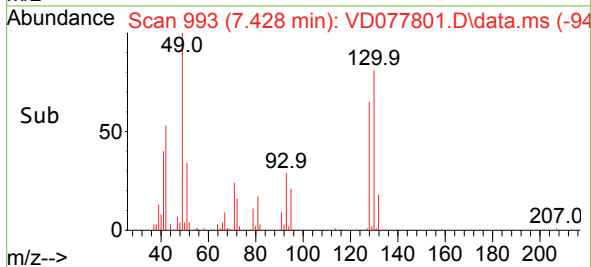
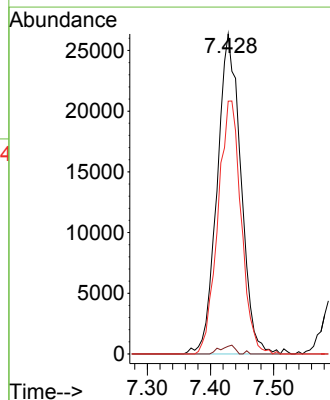
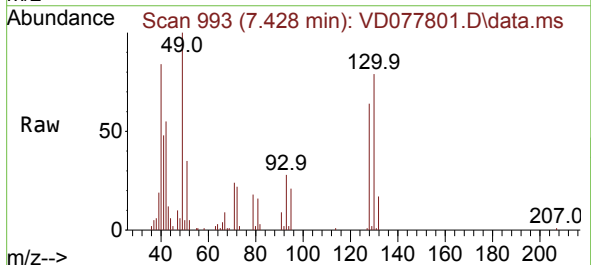
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

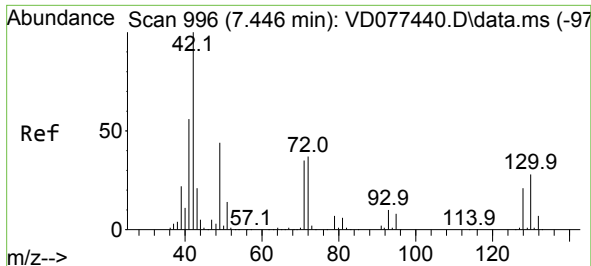
Tgt Ion: 96 Resp: 111899
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.490 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

Tgt Ion: 49 Resp: 68786
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 77.4 83.2 124.8#

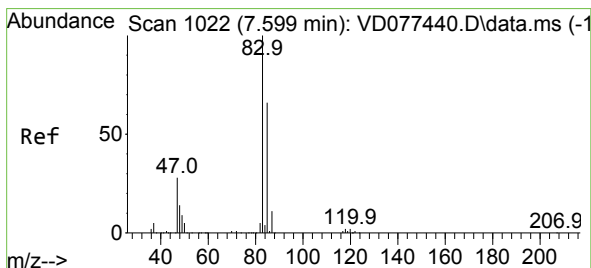
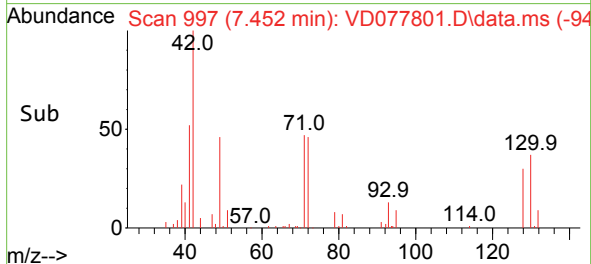
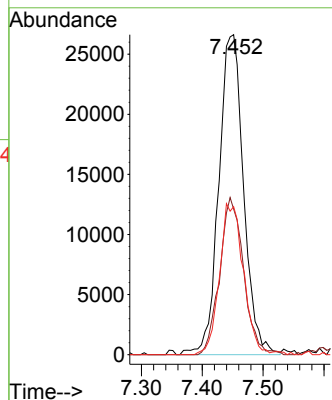
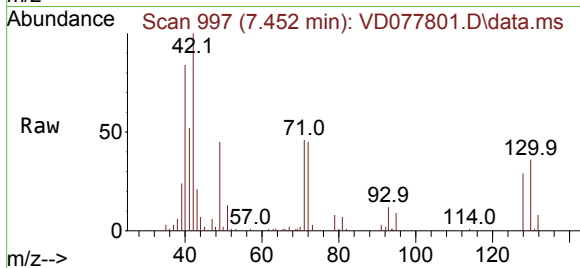




#29
Tetrahydrofuran
Concen: 306.051 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

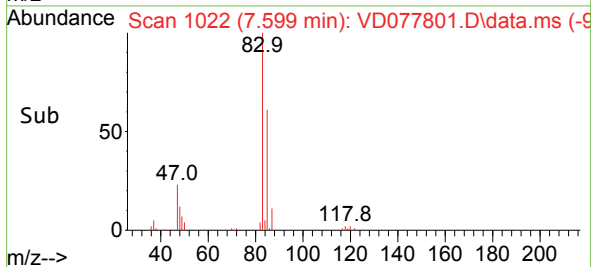
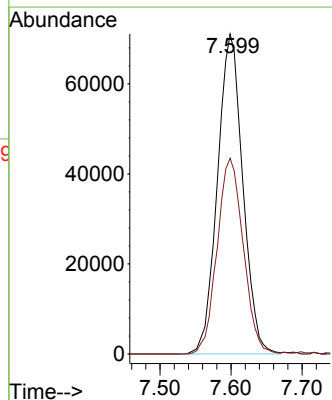
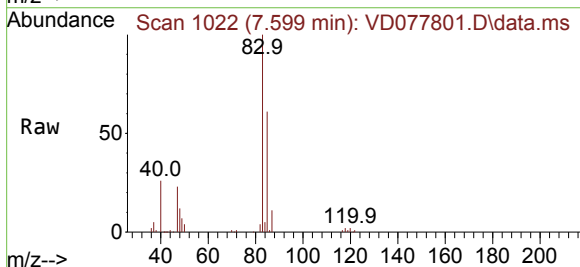
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

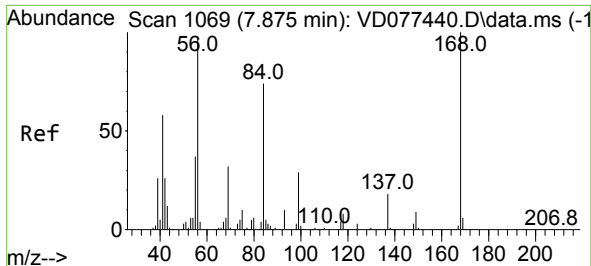
Tgt Ion:	42	Resp:	75302
Ion	Ratio	Lower	Upper
42	100		
72	47.3	46.5	69.7
71	45.5	44.5	66.7



#30
Chloroform
Concen: 57.315 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:	83	Resp:	175971
Ion	Ratio	Lower	Upper
83	100		
85	61.2	53.4	80.2

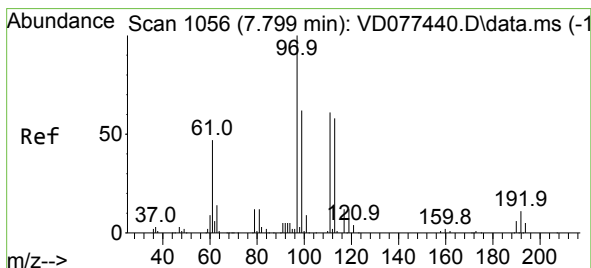
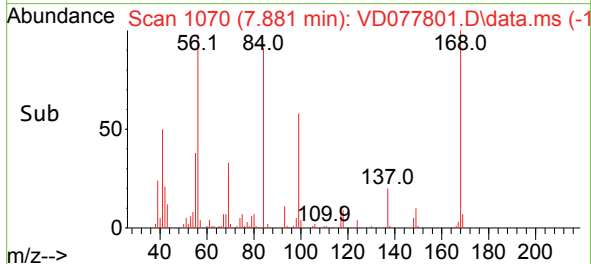
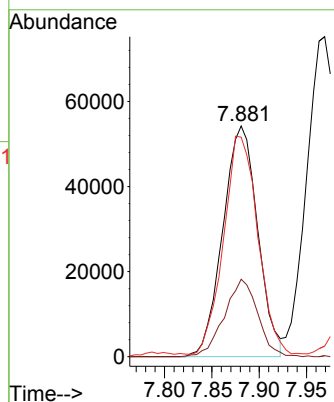
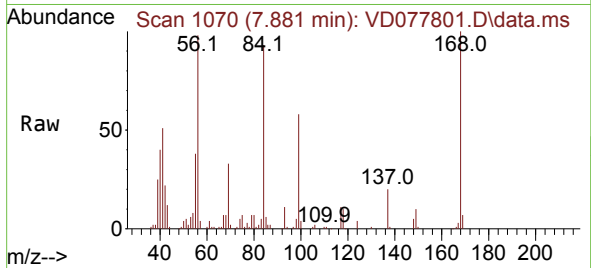




#31
Cyclohexane
Concen: 50.576 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

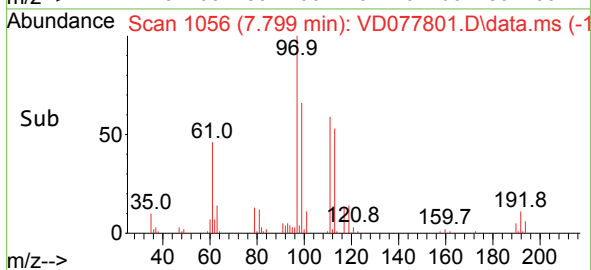
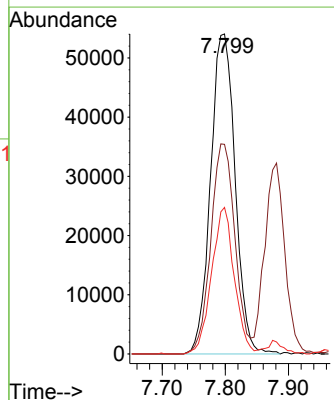
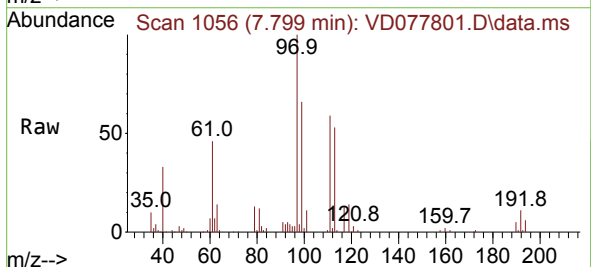
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

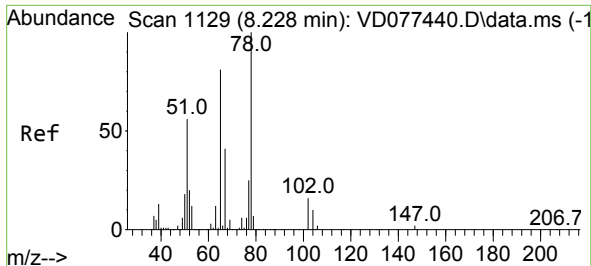
Tgt Ion: 56 Resp: 138995
Ion Ratio Lower Upper
56 100
69 33.6 28.6 43.0
84 93.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 53.993 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 97 Resp: 146137
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.344 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

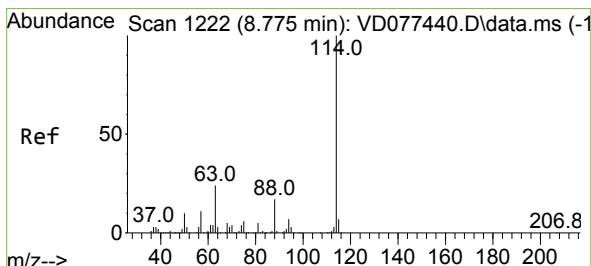
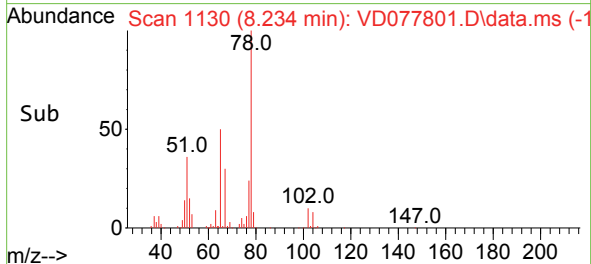
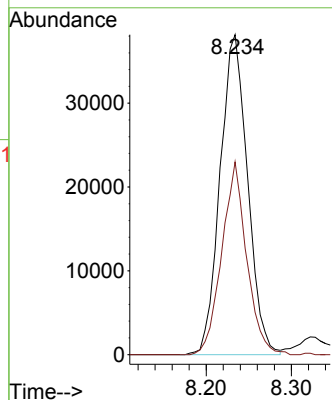
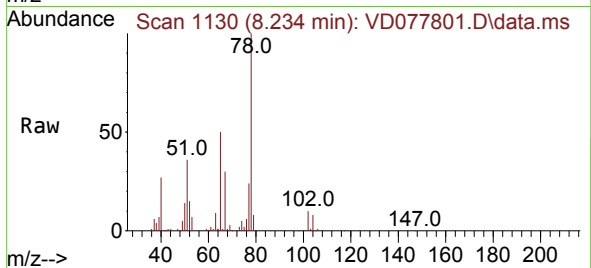
VSTDCCC050EC

Tgt Ion: 65 Resp: 85513

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

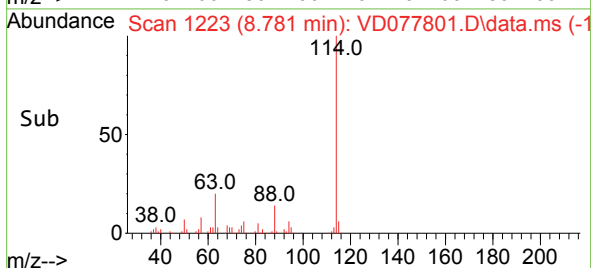
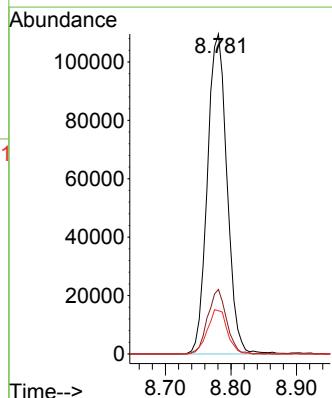
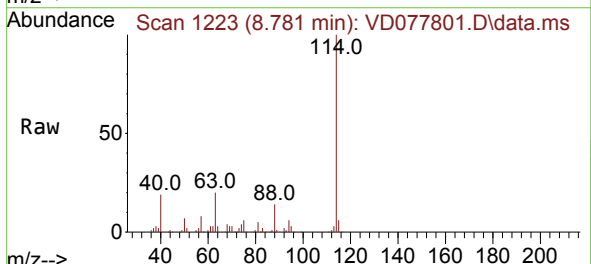
Tgt Ion: 114 Resp: 228426

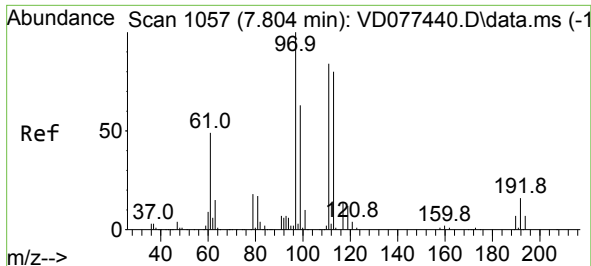
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 13.5 0.0 26.2

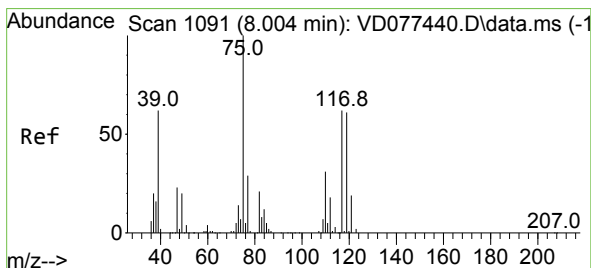
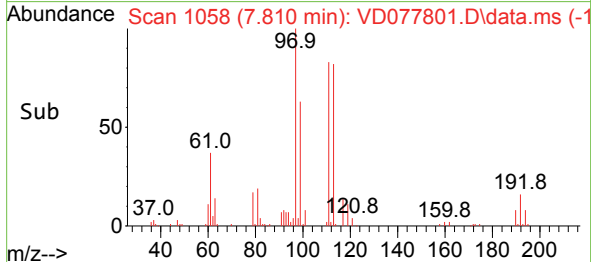
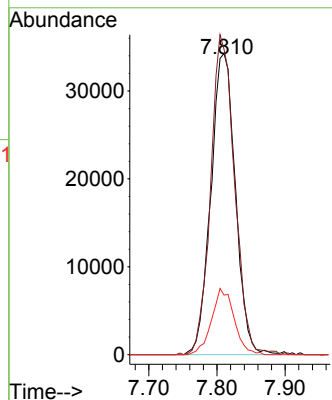
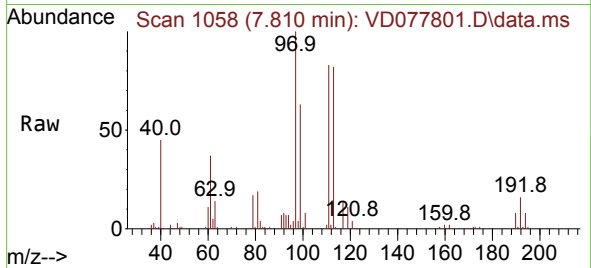




#35
Dibromofluoromethane
Concen: 53.792 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

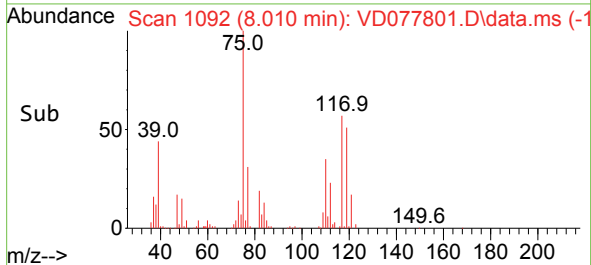
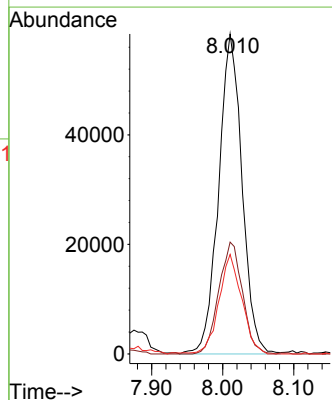
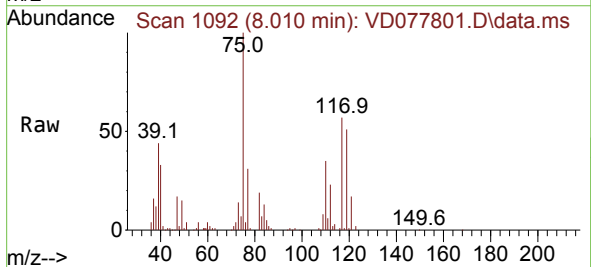
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 86070
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.212 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 75 Resp: 133629
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 30.3 24.7 37.1

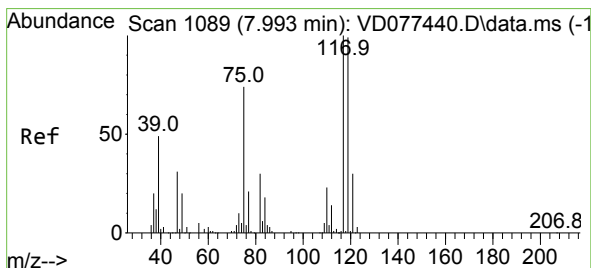
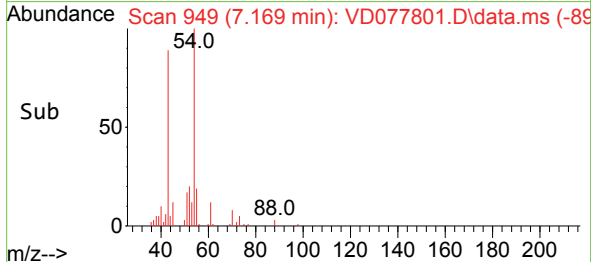
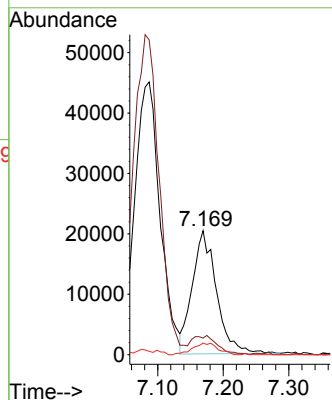
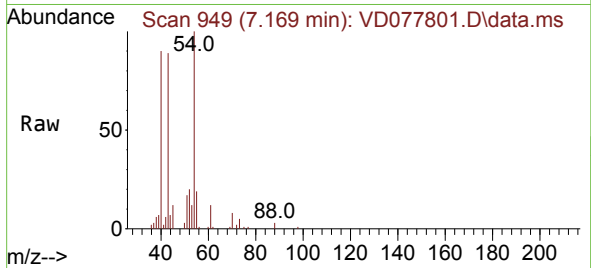




#37
Ethyl Acetate
Concen: 52.515 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

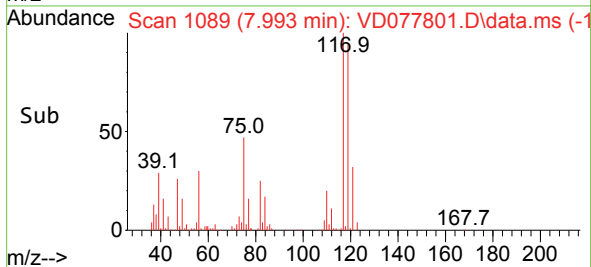
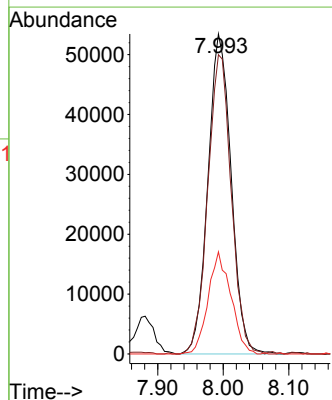
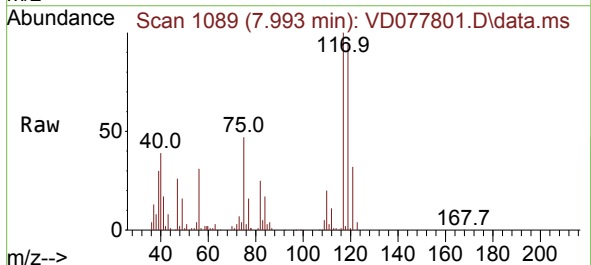
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

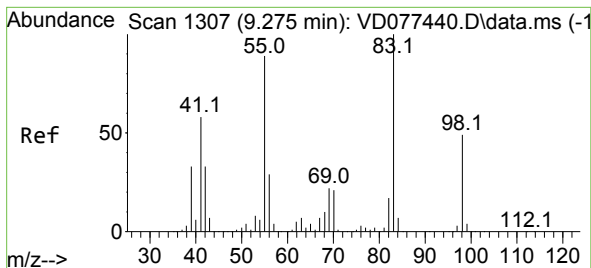
Tgt Ion: 43 Resp: 52407
Ion Ratio Lower Upper
43 100
61 15.9 14.9 22.3
70 9.8 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 51.497 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 117 Resp: 131396
Ion Ratio Lower Upper
117 100
119 93.5 78.0 117.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 53.365 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

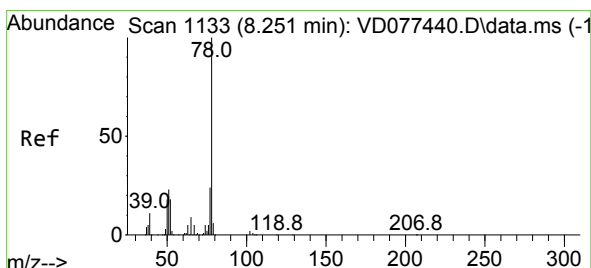
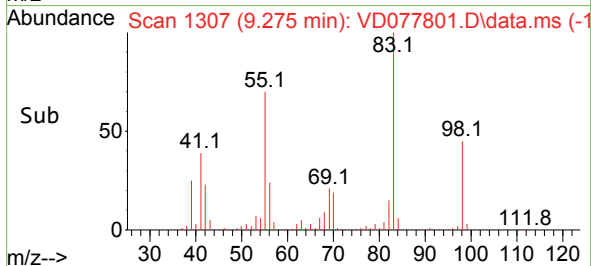
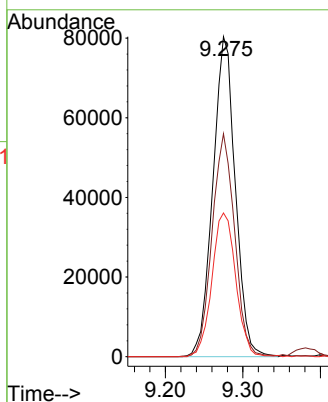
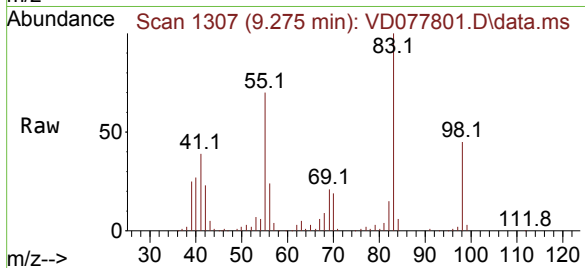
Tgt Ion: 83 Resp: 161915

Ion Ratio Lower Upper

83 100

55 69.7 49.4 74.0

98 44.9 38.4 57.6



#40

Benzene

Concen: 53.854 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077801.D

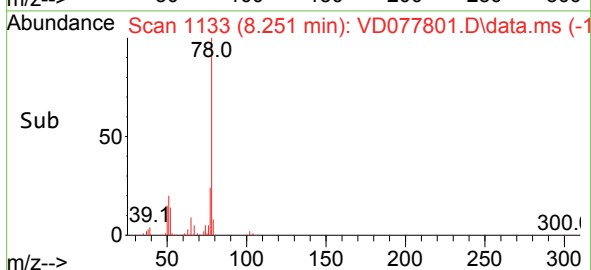
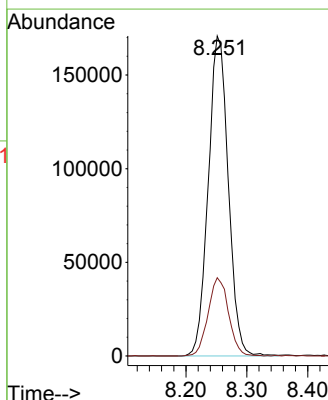
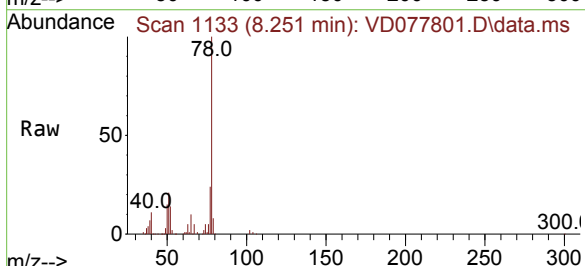
Acq: 08 Dec 2023 19:52

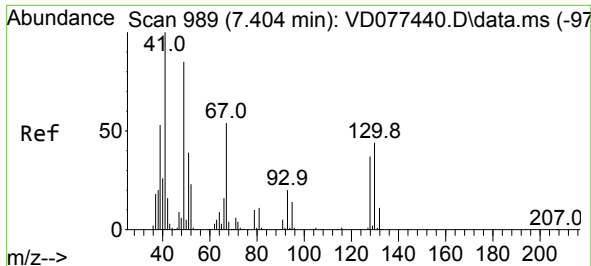
Tgt Ion: 78 Resp: 391193

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

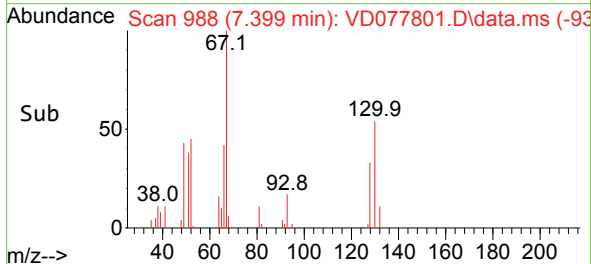
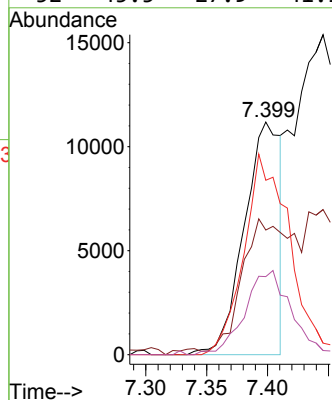
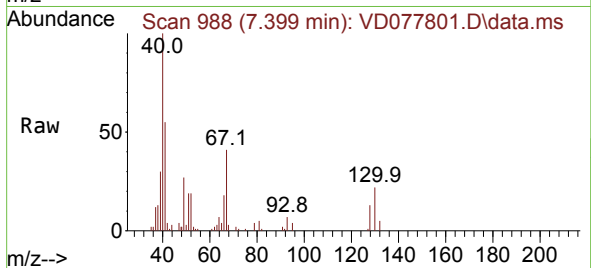




#41
Methacrylonitrile
Concen: 45.820 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

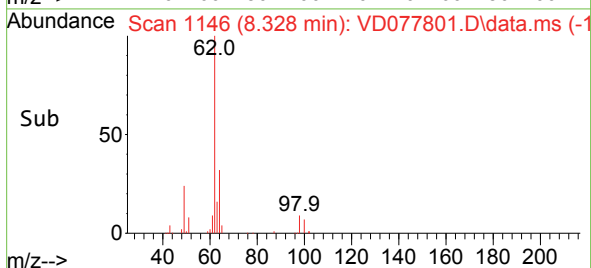
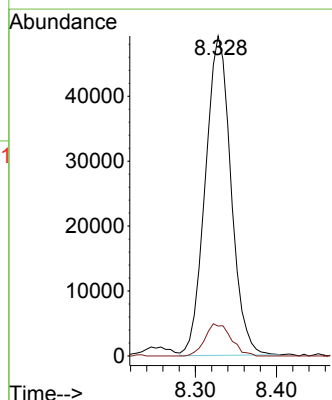
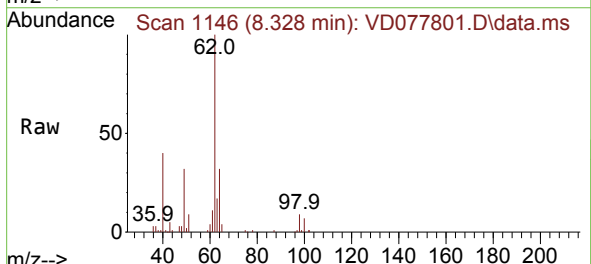
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

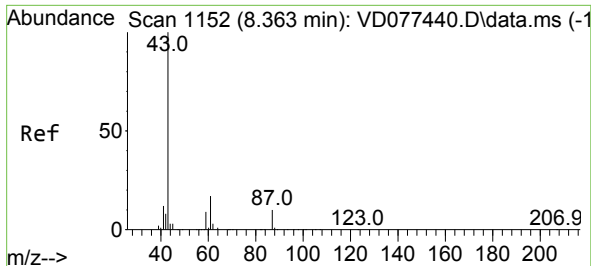
Tgt Ion: 41 Resp: 23241
Ion Ratio Lower Upper
41 100
39 66.8 34.0 51.0#
67 108.8 77.0 115.4
52 45.5 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 57.398 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 62 Resp: 108076
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

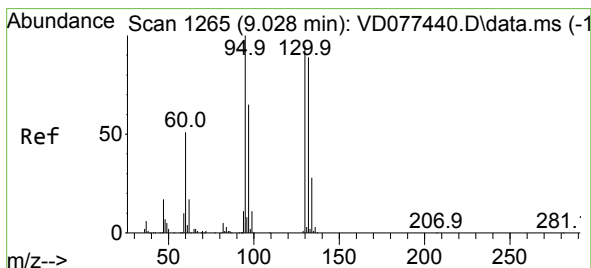
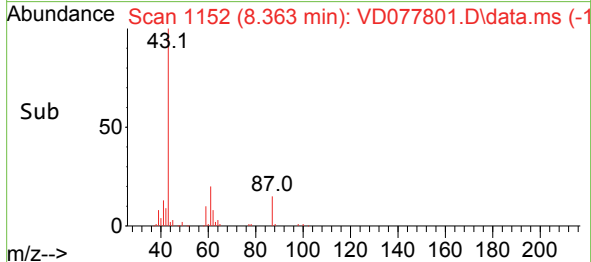
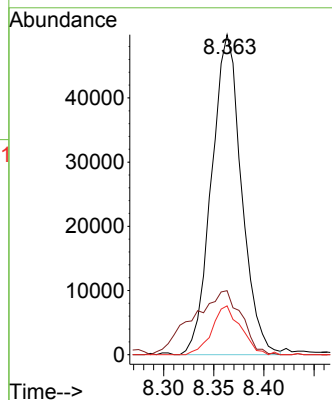
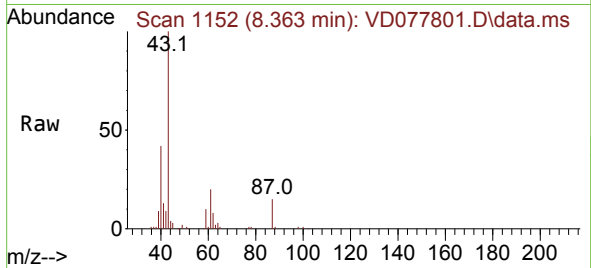




#43
Isopropyl Acetate
Concen: 58.446 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

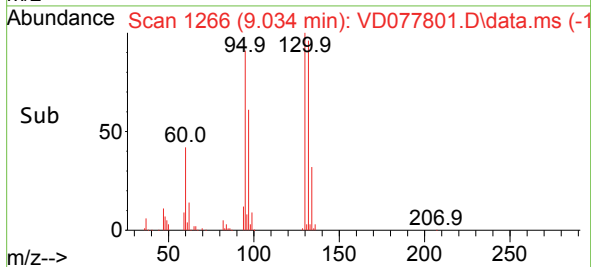
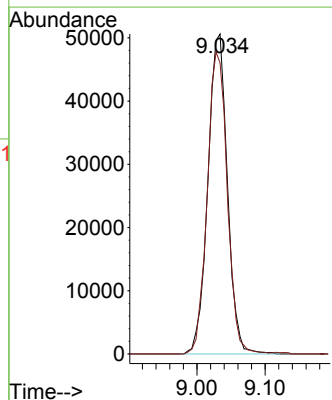
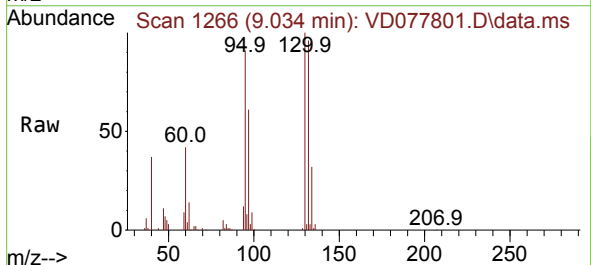
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 103683
Ion Ratio Lower Upper
43 100
61 32.3 31.4 47.0
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 53.304 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:130 Resp: 100903
Ion Ratio Lower Upper
130 100
95 91.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.867 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

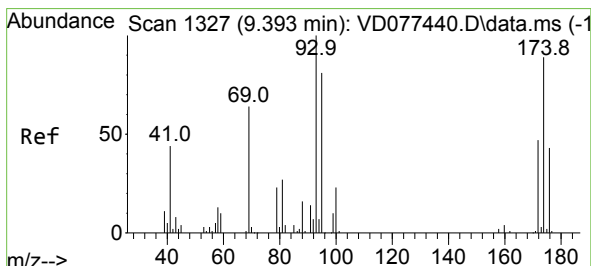
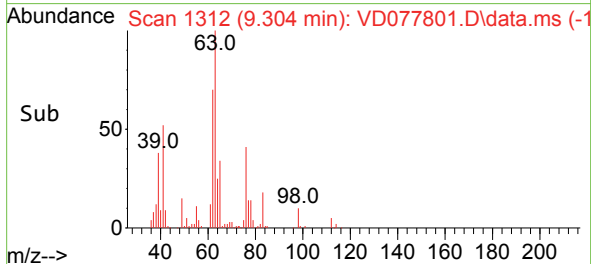
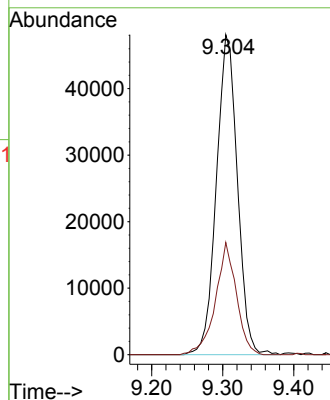
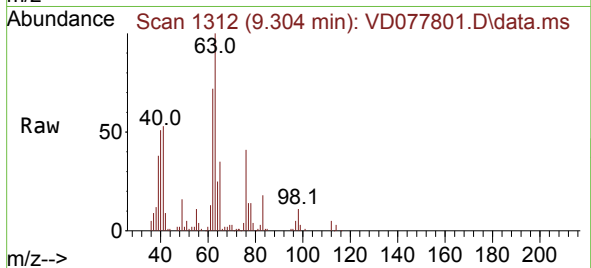
VSTDCCC050EC

Tgt Ion: 63 Resp: 98654

Ion Ratio Lower Upper

63 100

65 35.0 24.5 36.7



#46

Dibromomethane

Concen: 57.991 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

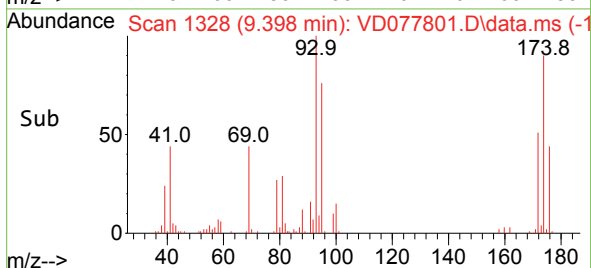
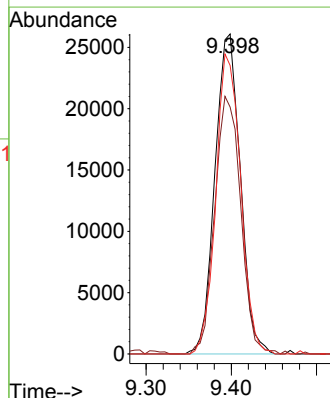
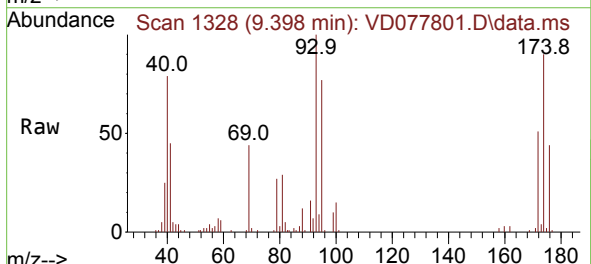
Tgt Ion: 93 Resp: 54183

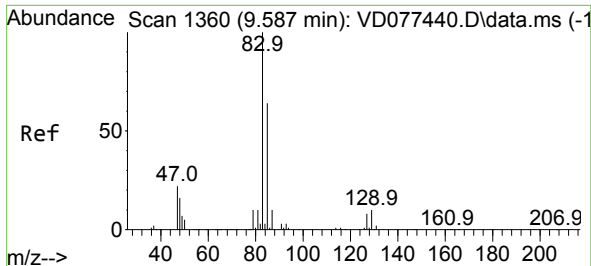
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 91.7 85.4 128.2

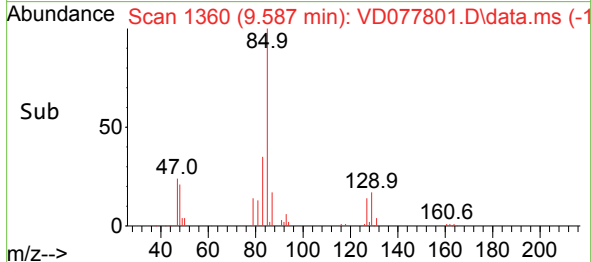
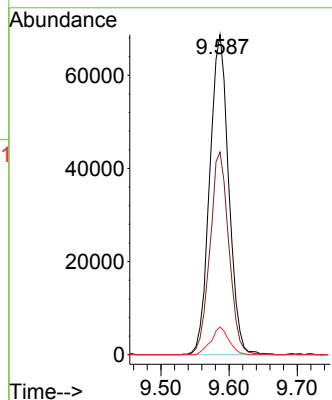
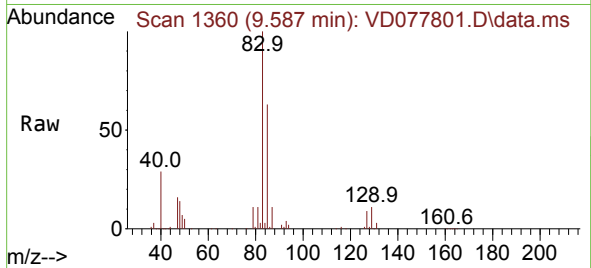




#47
Bromodichloromethane
Concen: 56.219 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

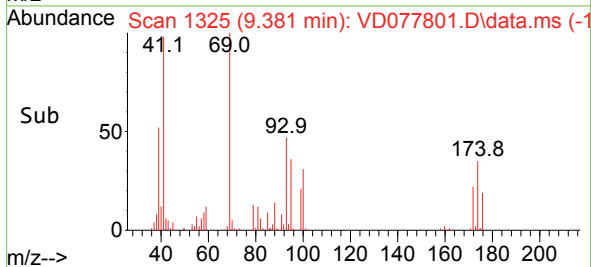
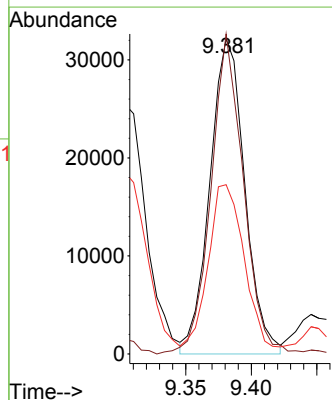
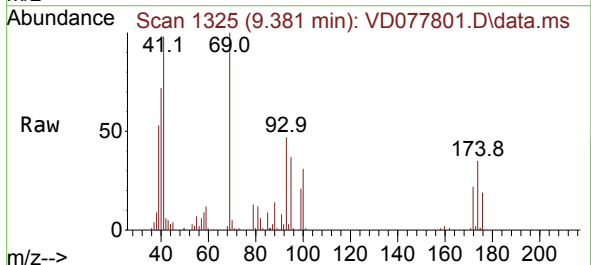
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

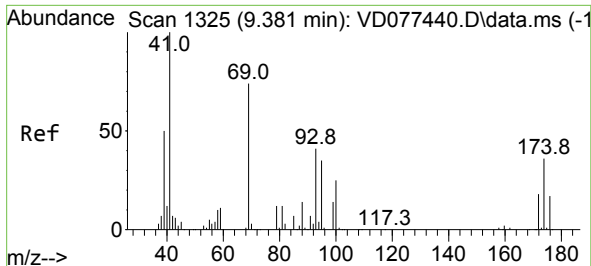
Tgt Ion: 83 Resp: 133140
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 58.949 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 41 Resp: 59445
Ion Ratio Lower Upper
41 100
69 94.3 102.2 153.2#
39 51.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1123.231 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

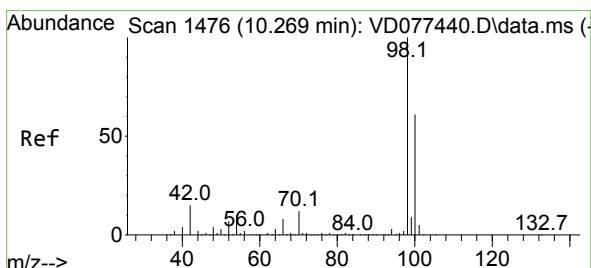
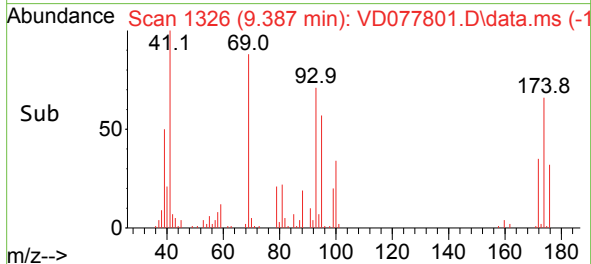
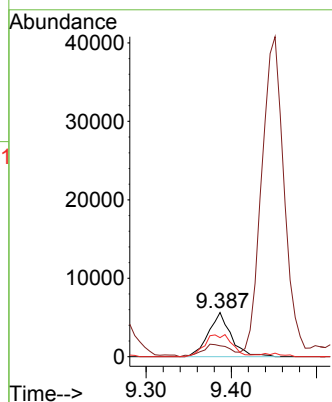
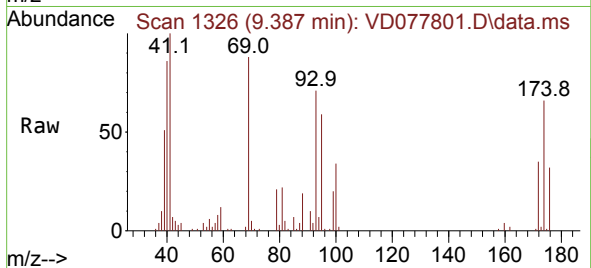
Tgt Ion: 88 Resp: 10421

Ion Ratio Lower Upper

88 100

43 34.4 19.0 28.6#

58 60.5 43.5 65.3



#50

Toluene-d8

Concen: 53.798 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077801.D

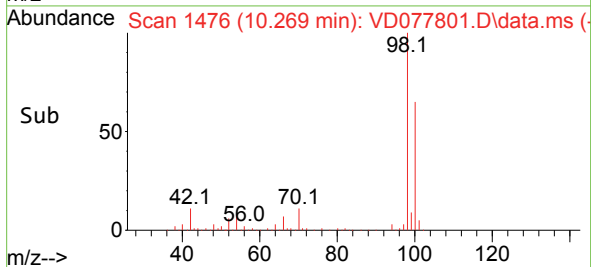
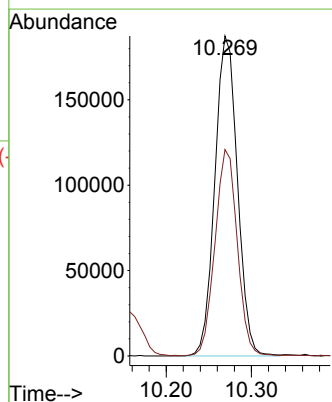
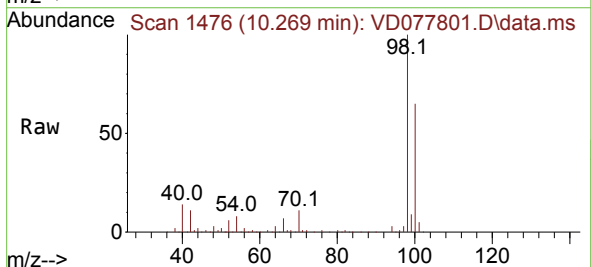
Acq: 08 Dec 2023 19:52

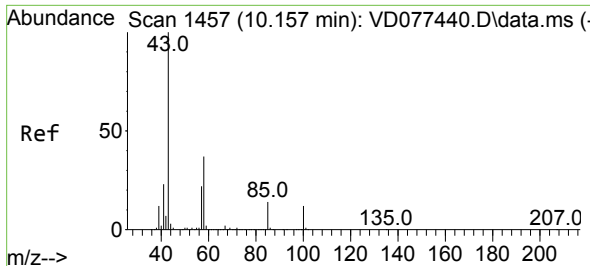
Tgt Ion: 98 Resp: 344758

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

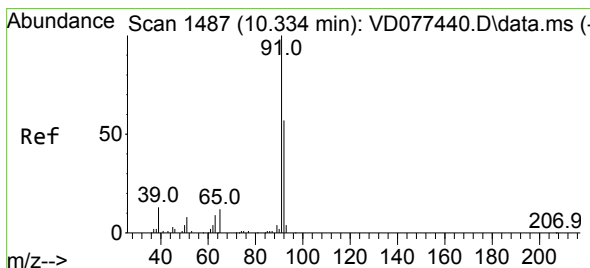
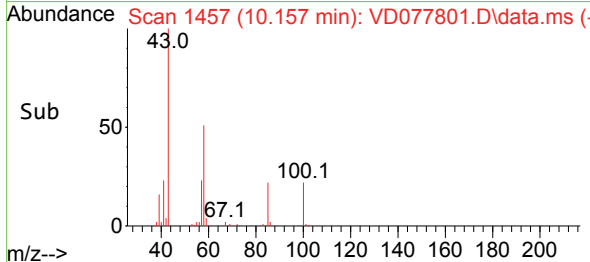
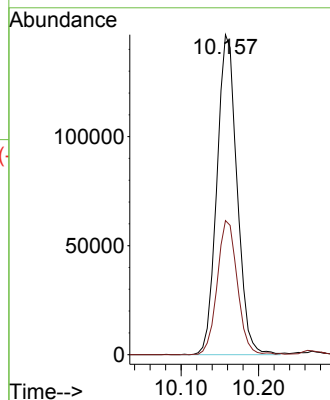
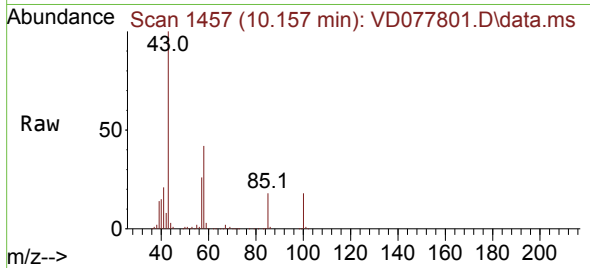




#51
4-Methyl-2-Pentanone
Concen: 293.199 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

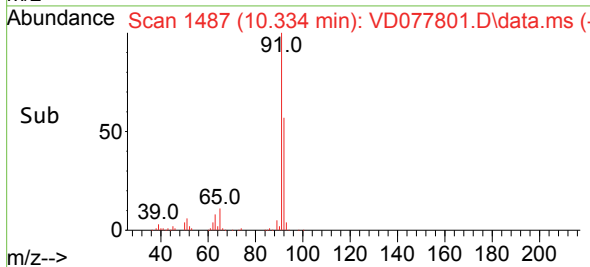
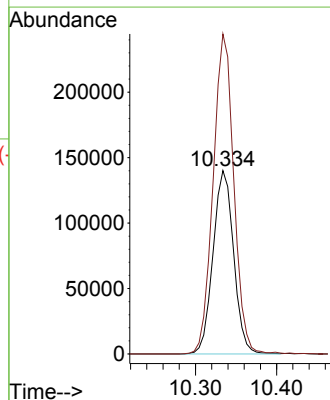
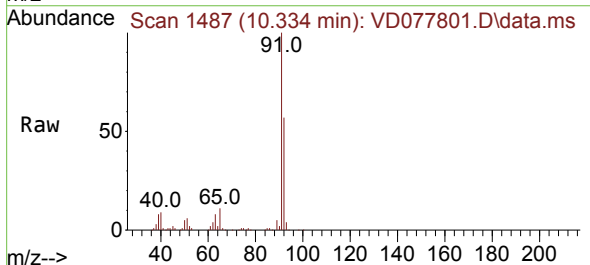
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

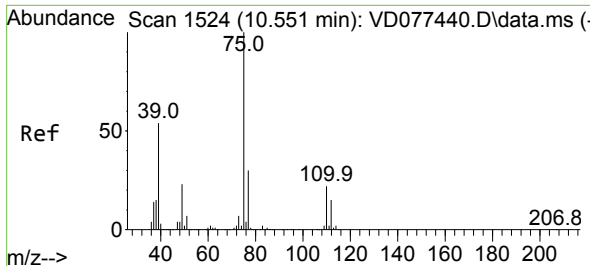
Tgt Ion: 43 Resp: 265454
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 54.860 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 92 Resp: 247193
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

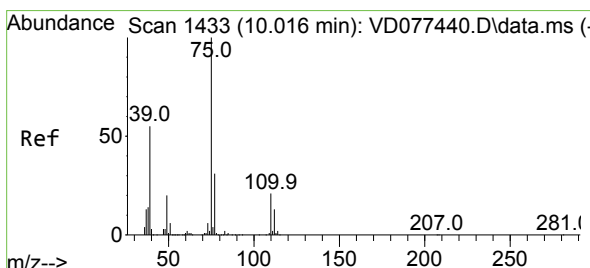
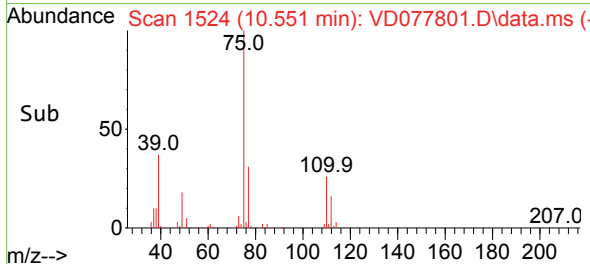
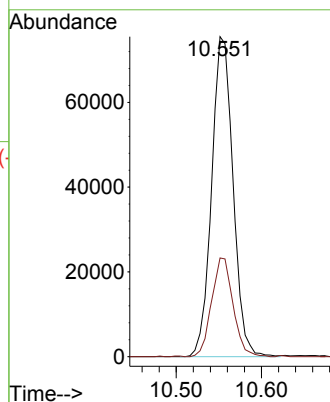
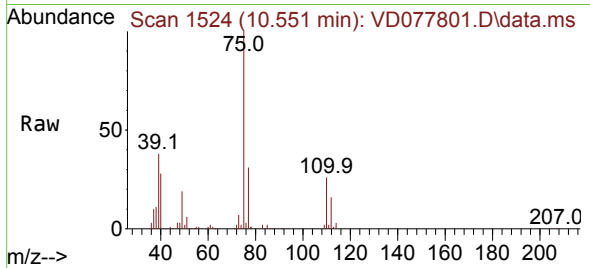




#53
t-1,3-Dichloropropene
Concen: 57.902 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

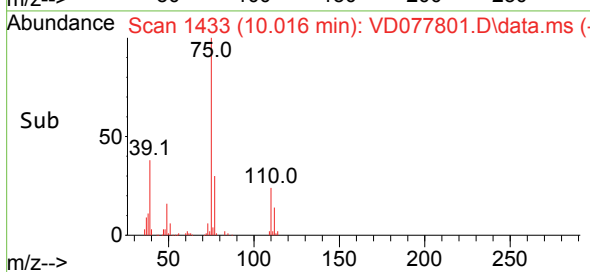
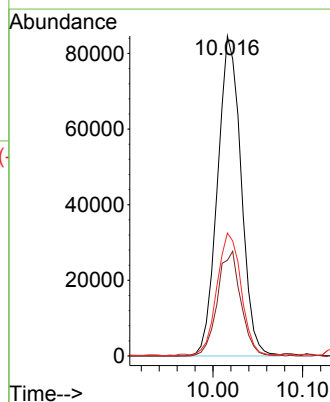
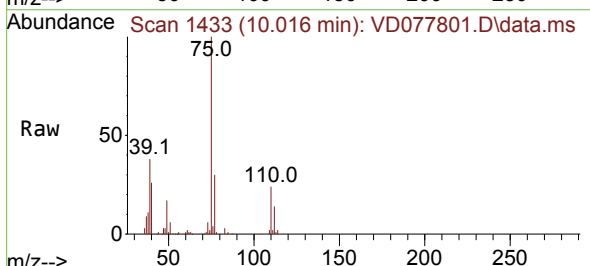
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

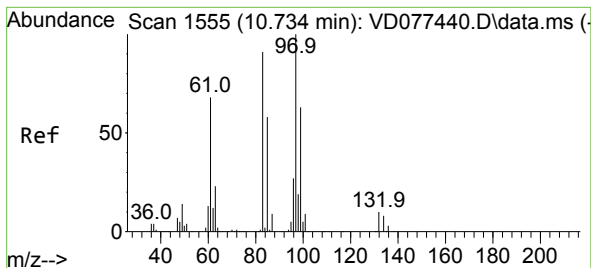
Tgt Ion: 75 Resp: 131681
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.134 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 75 Resp: 154346
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 38.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 56.302 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 71956

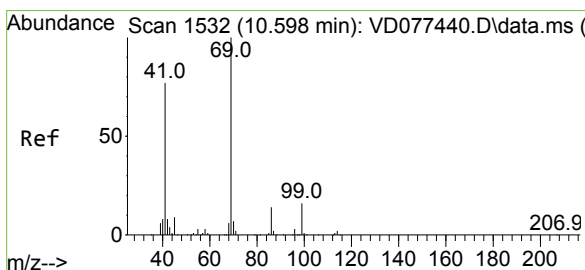
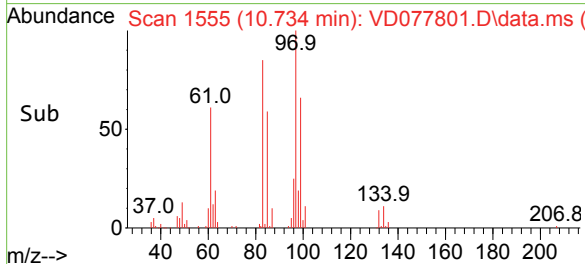
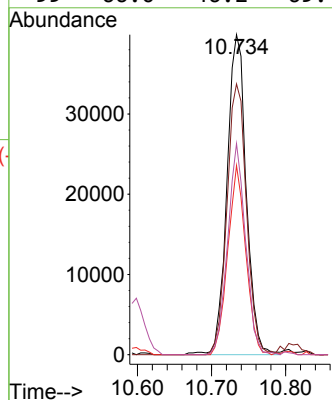
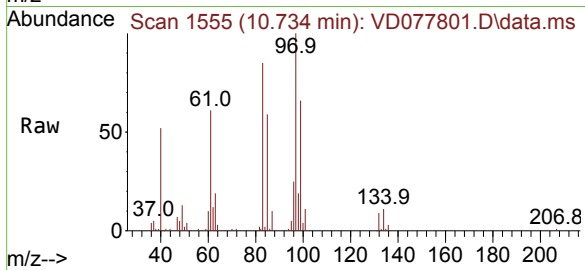
Ion Ratio Lower Upper

97 100

83 84.6 65.8 98.6

85 59.1 45.7 68.5

99 66.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 57.865 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

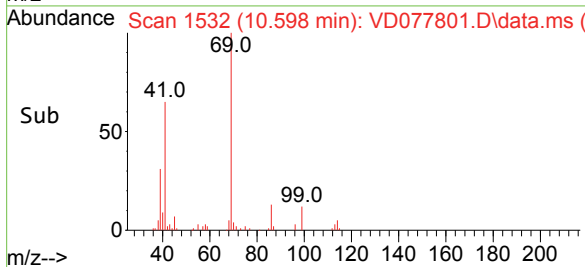
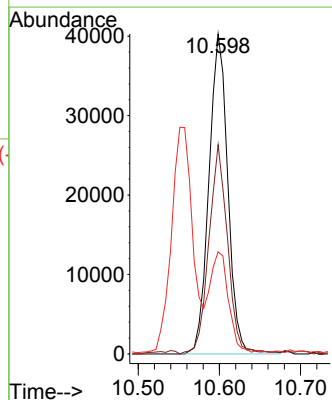
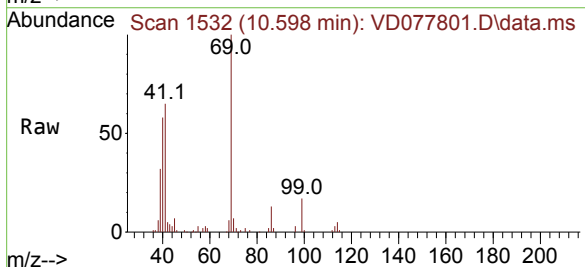
Tgt Ion: 69 Resp: 65192

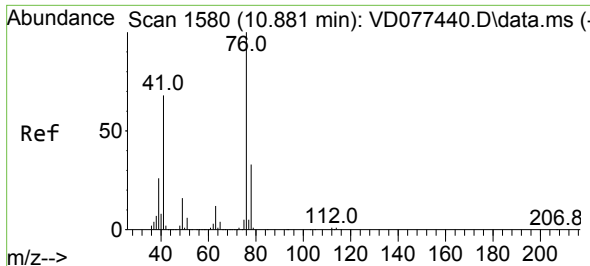
Ion Ratio Lower Upper

69 100

41 64.4 39.1 58.7#

39 30.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 58.167 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

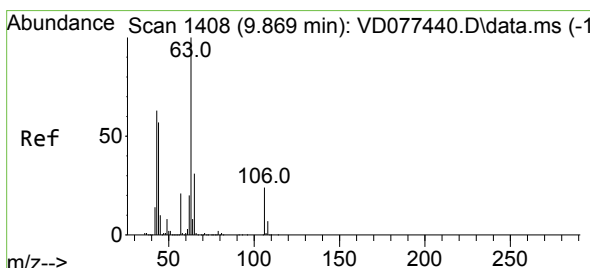
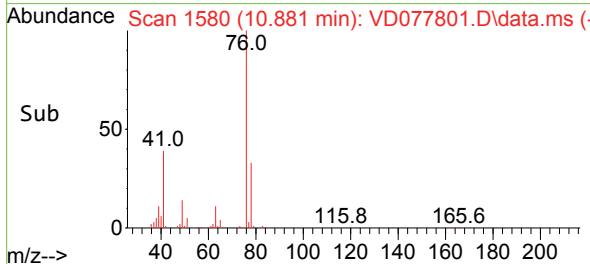
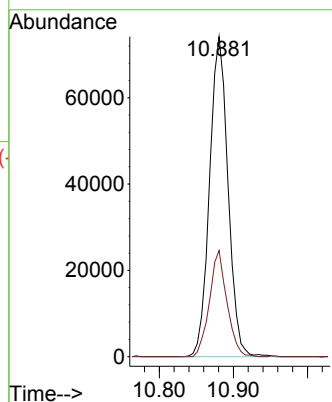
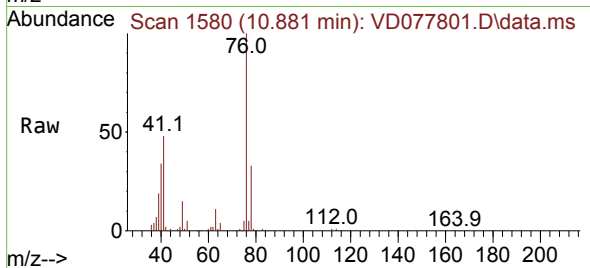
VSTDCCC050EC

Tgt Ion: 76 Resp: 128141

Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.426 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077801.D

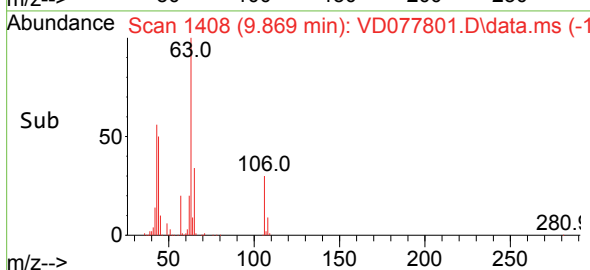
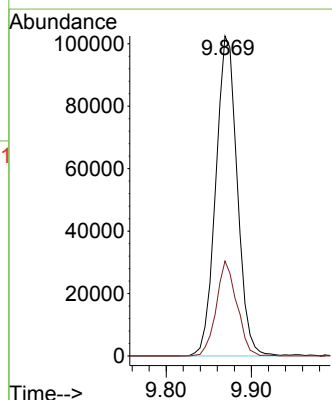
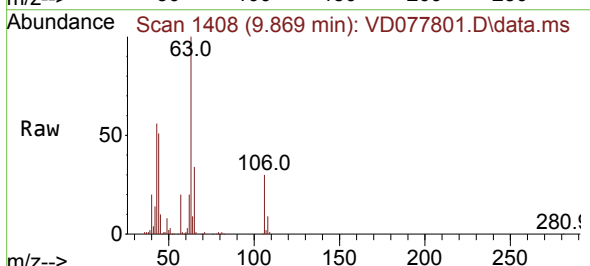
Acq: 08 Dec 2023 19:52

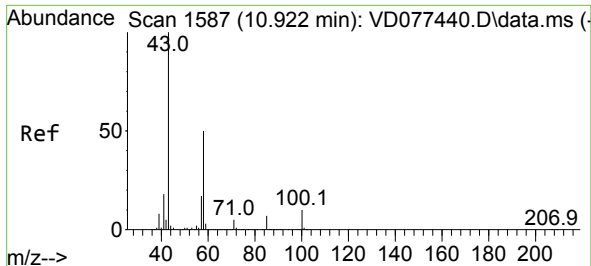
Tgt Ion: 63 Resp: 179527

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

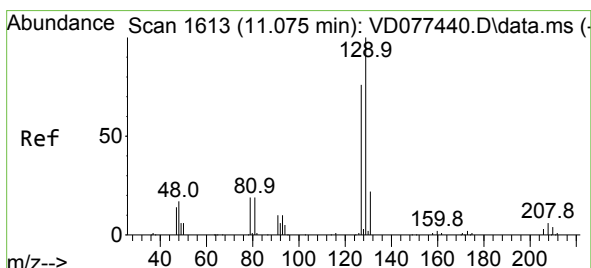
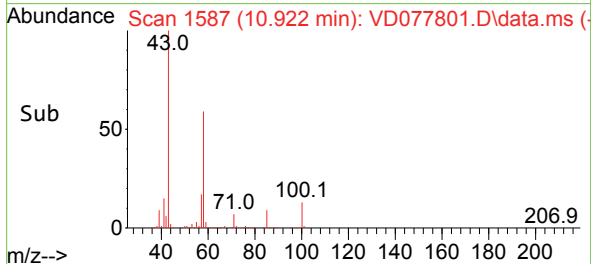
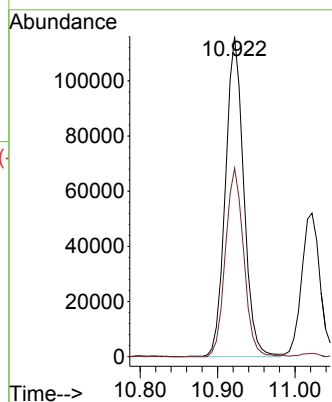
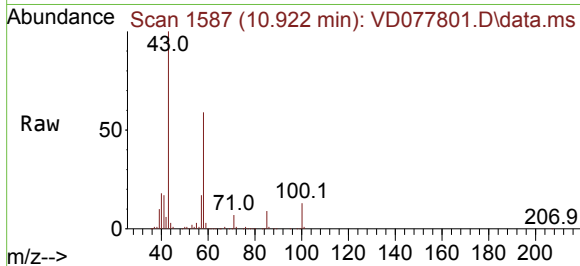




#59
2-Hexanone
Concen: 253.700 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

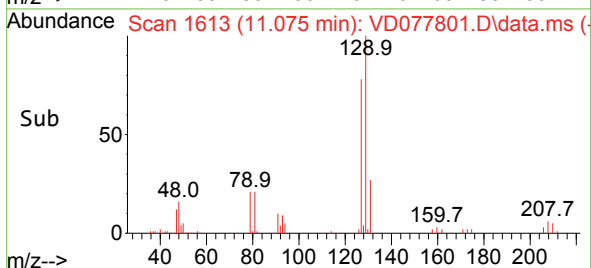
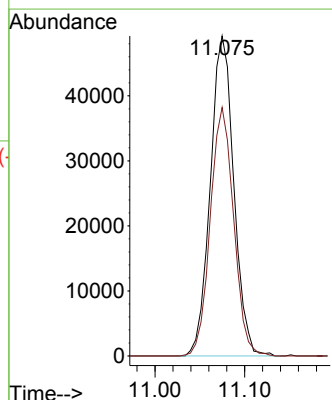
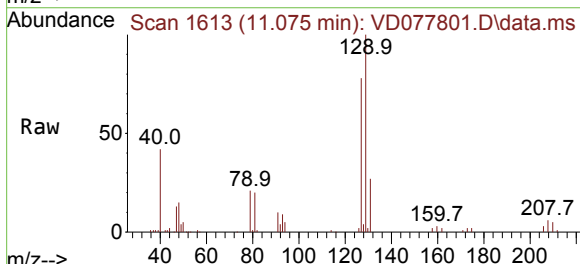
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

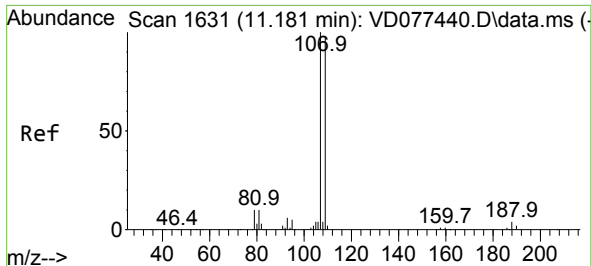
Tgt Ion: 43 Resp: 190564
Ion Ratio Lower Upper
43 100
58 59.0 34.1 102.2



#60
Dibromochloromethane
Concen: 58.176 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 129 Resp: 89517
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

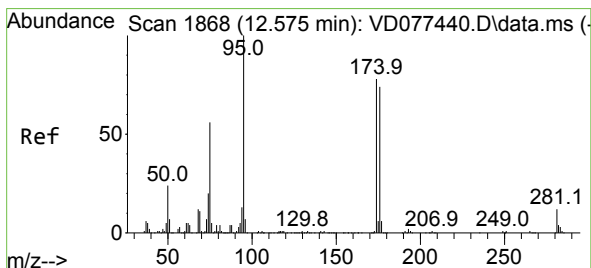
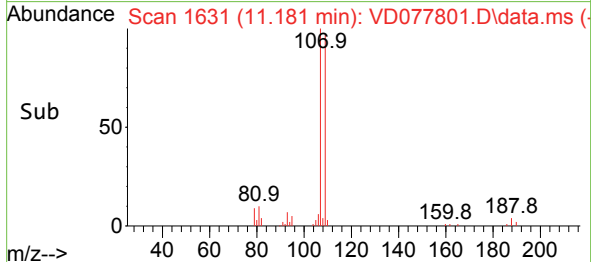
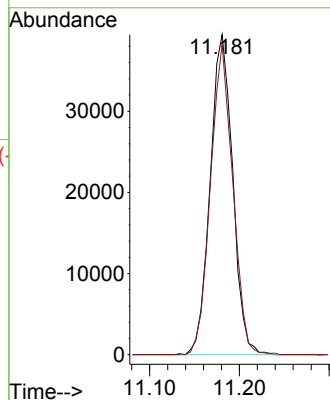
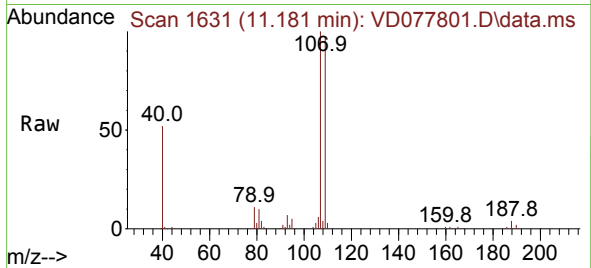




#61
1,2-Dibromoethane
Concen: 57.023 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

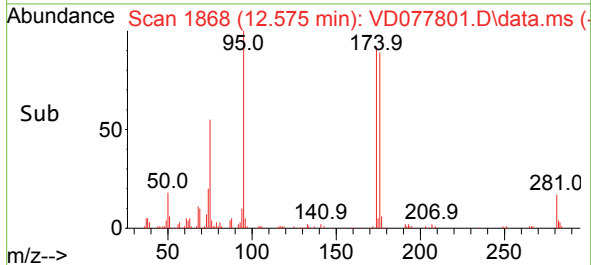
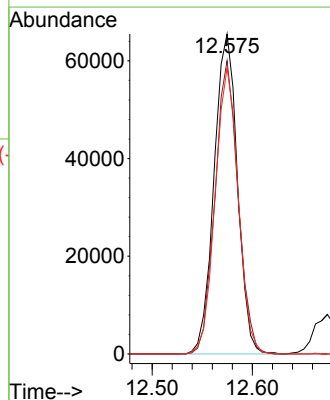
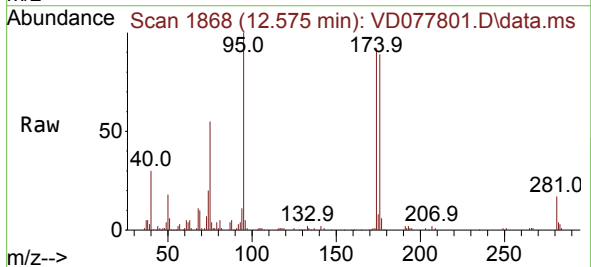
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

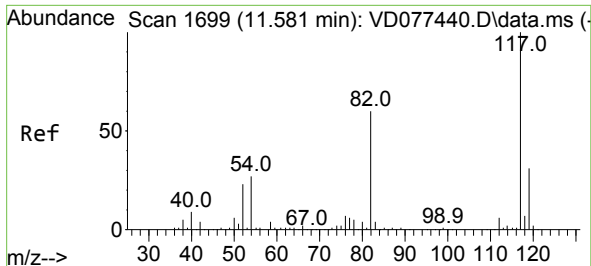
Tgt Ion:107 Resp: 68601
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.201 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 95 Resp: 105762
Ion Ratio Lower Upper
95 100
174 90.5 0.0 201.8
176 88.6 0.0 191.8

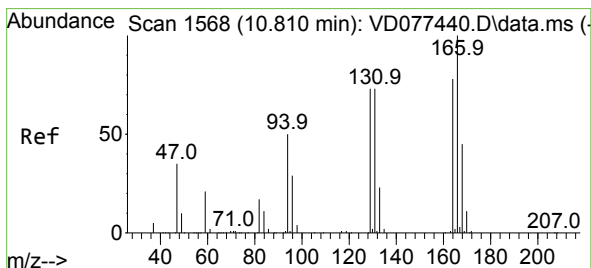
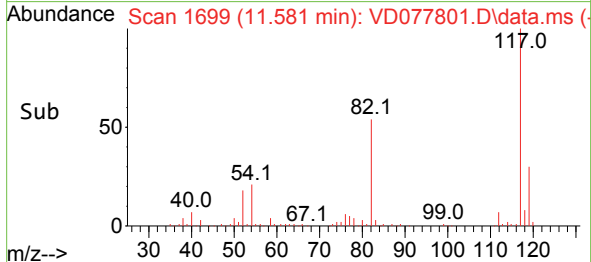
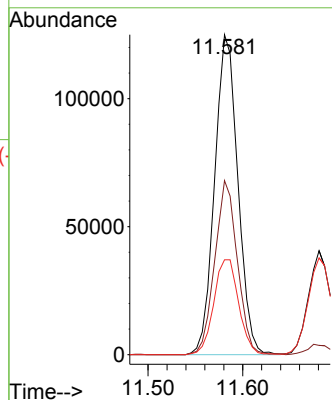
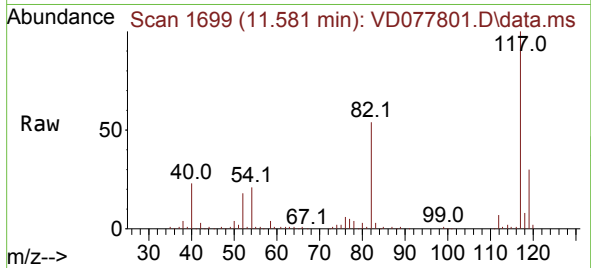




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

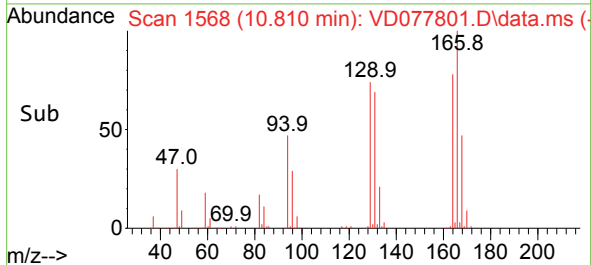
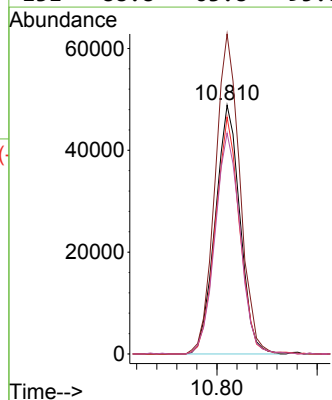
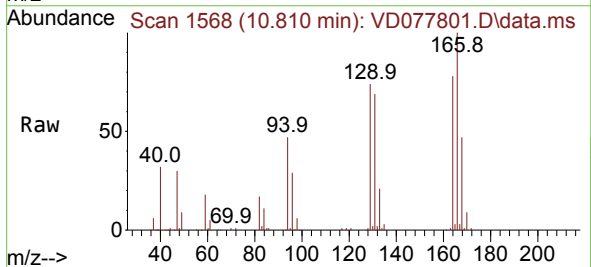
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

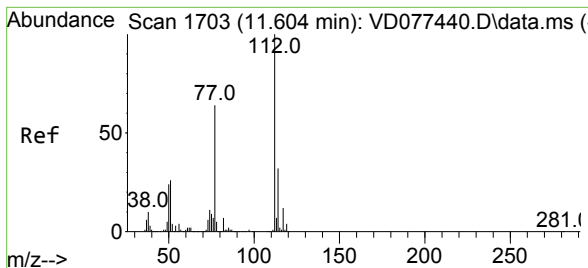
Tgt Ion:117 Resp: 212967
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 29.7 25.0 37.4



#64
Tetrachloroethene
Concen: 53.394 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:164 Resp: 83577
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 95.2 68.4 102.6
131 88.8 63.8 95.8





#65

Chlorobenzene

Concen: 52.968 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

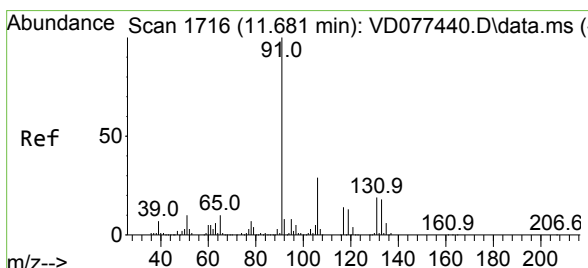
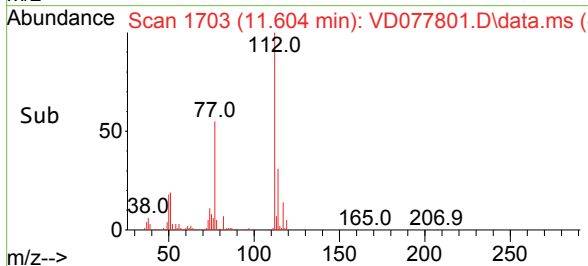
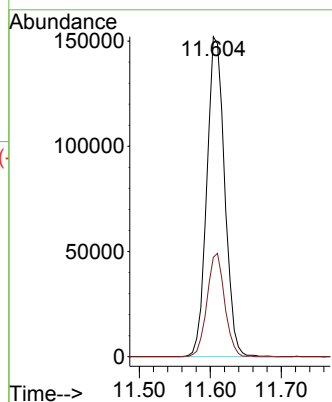
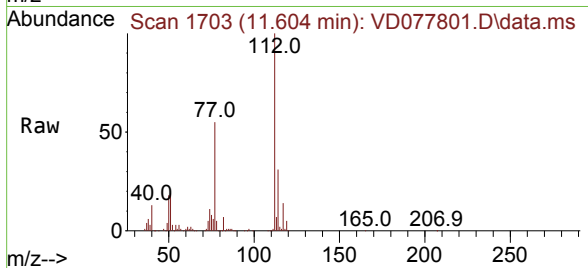
VSTDCCC050EC

Tgt Ion:112 Resp: 265363

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.853 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

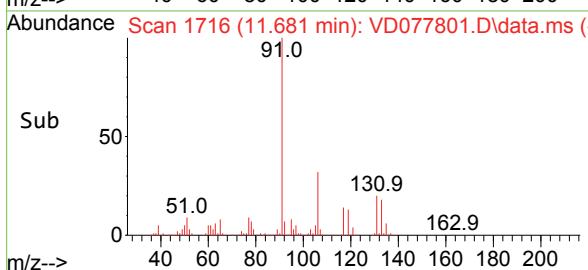
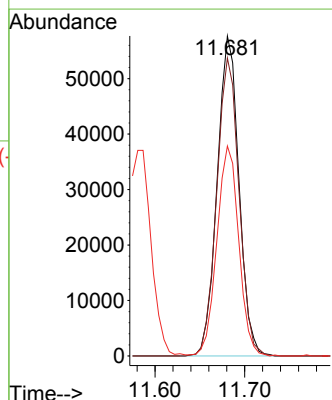
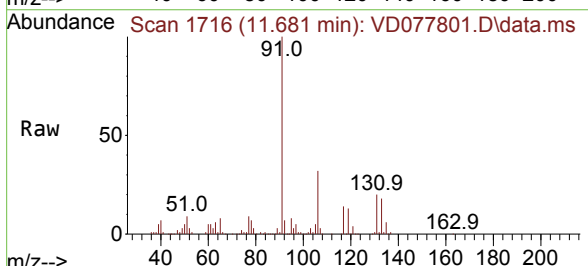
Tgt Ion:131 Resp: 97142

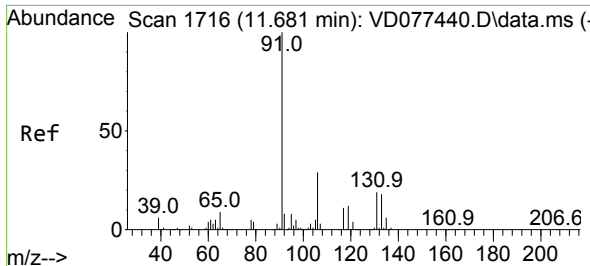
Ion Ratio Lower Upper

131 100

133 95.3 48.5 145.5

119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 54.446 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

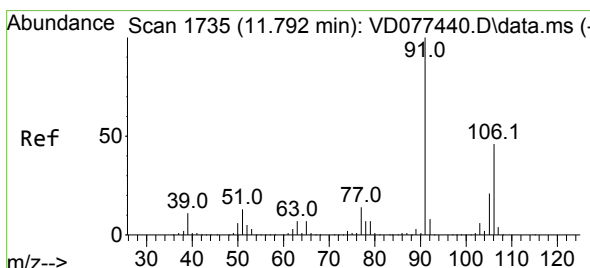
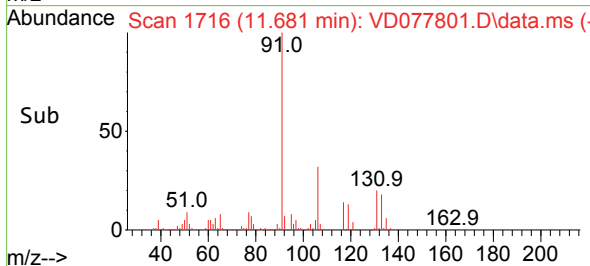
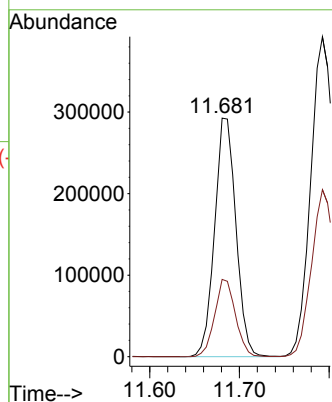
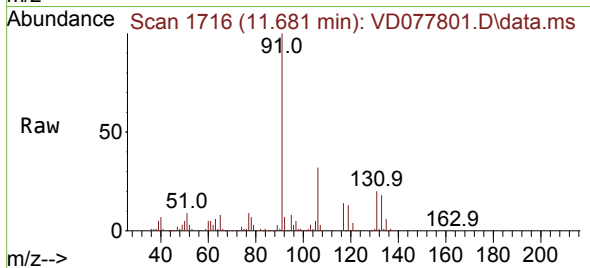
VSTDCCC050EC

Tgt Ion: 91 Resp: 482742

Ion Ratio Lower Upper

91 100

106 32.4 26.5 39.7



#68

m/p-Xylenes

Concen: 111.258 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077801.D

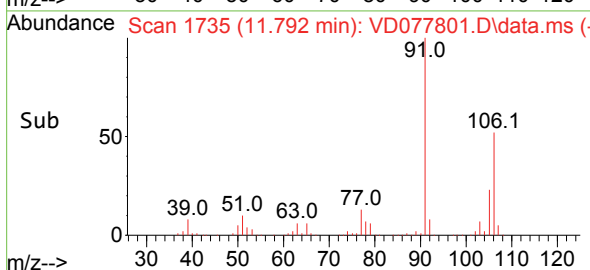
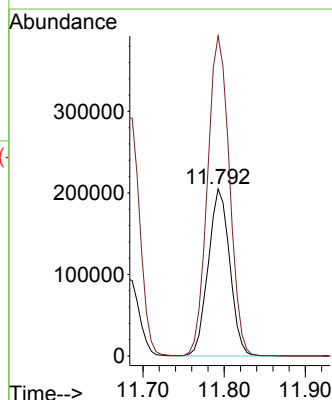
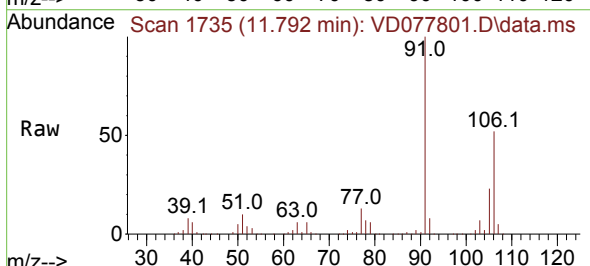
Acq: 08 Dec 2023 19:52

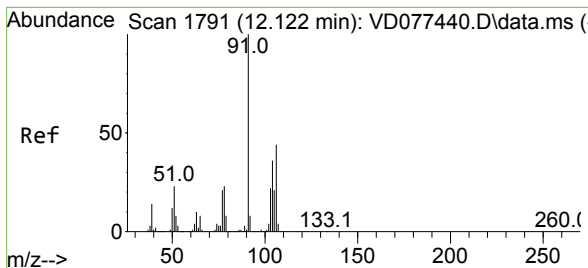
Tgt Ion:106 Resp: 377327

Ion Ratio Lower Upper

106 100

91 195.6 147.0 220.6

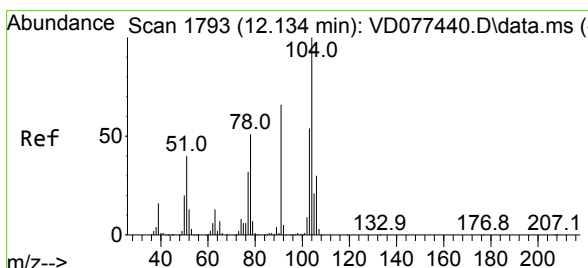
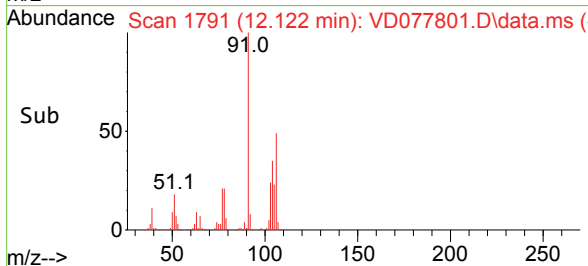
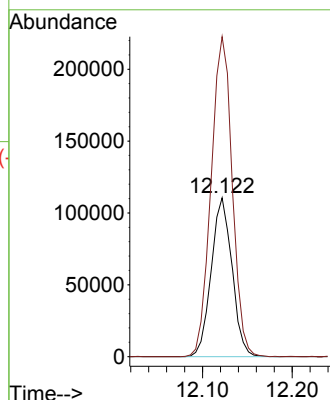
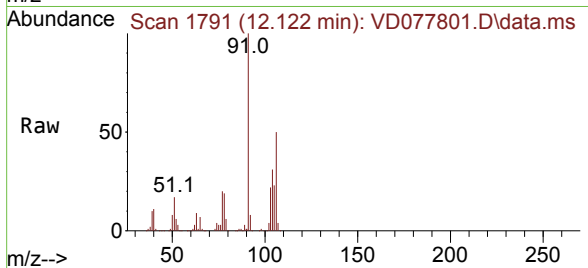




#69
o-Xylene
Concen: 56.794 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

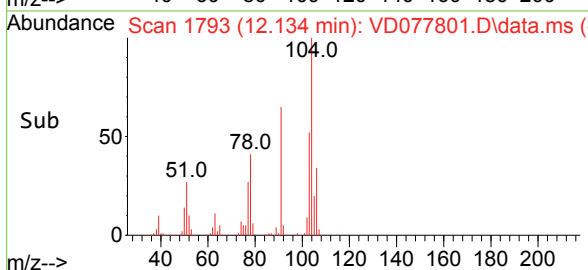
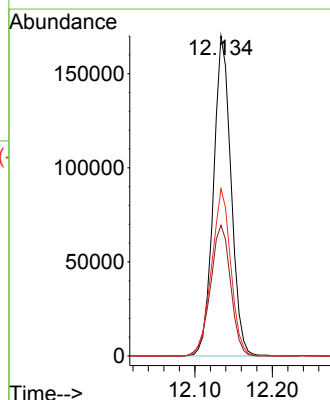
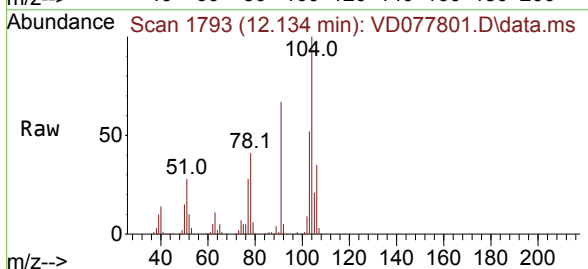
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

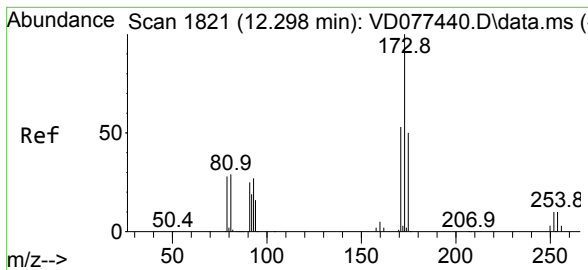
Tgt Ion:106 Resp: 177518
Ion Ratio Lower Upper
106 100
91 205.6 97.9 293.6



#70
Styrene
Concen: 57.966 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:104 Resp: 269408
Ion Ratio Lower Upper
104 100
78 46.6 33.2 49.8
103 56.9 43.6 65.4

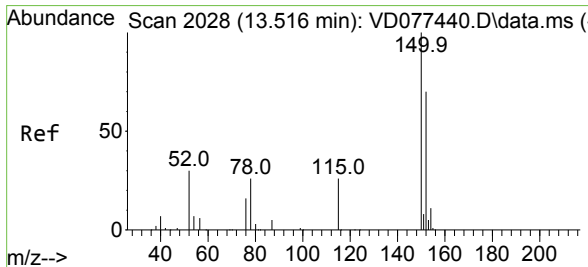
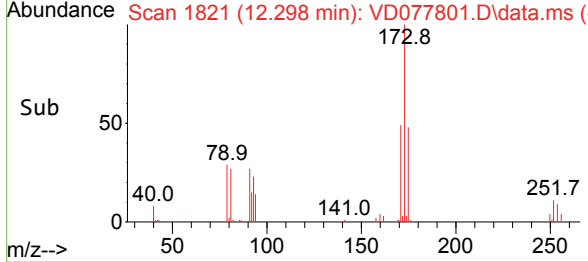
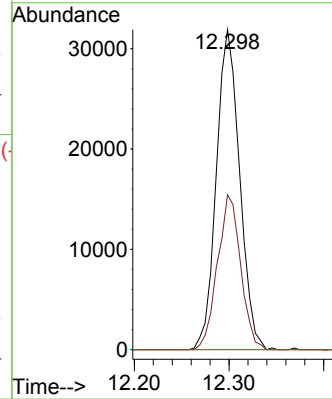
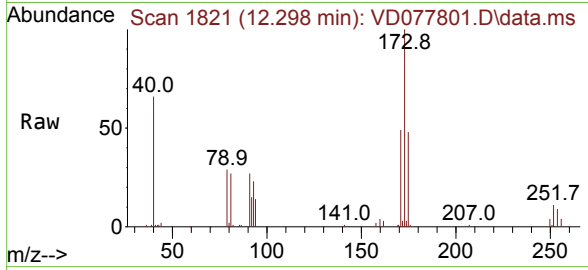




#71
Bromoform
Concen: 58.919 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

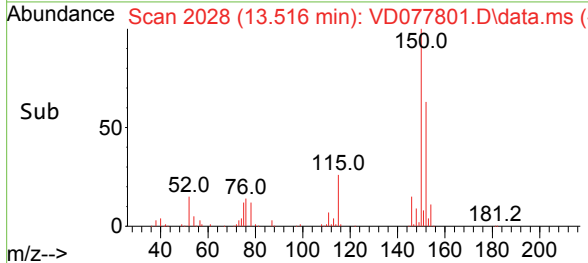
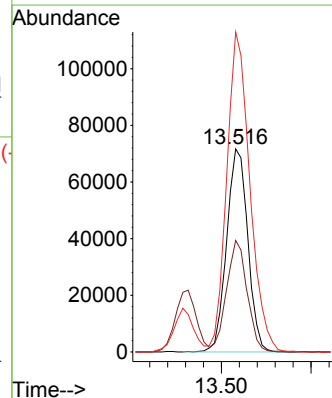
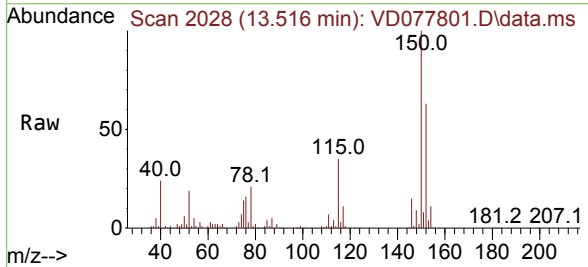
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

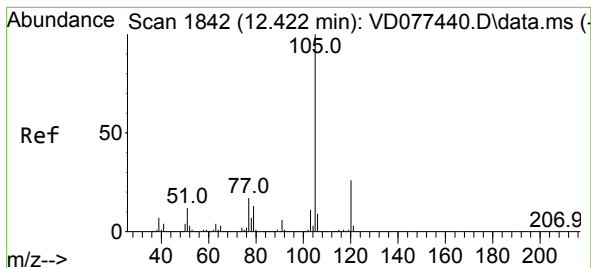
Tgt Ion:	173	Resp:	54520
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:	152	Resp:	117293
Ion Ratio	Lower	Upper	
152	100		
115	53.6	27.1	81.3
150	172.5	0.0	353.6





#73

Isopropylbenzene

Concen: 51.610 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

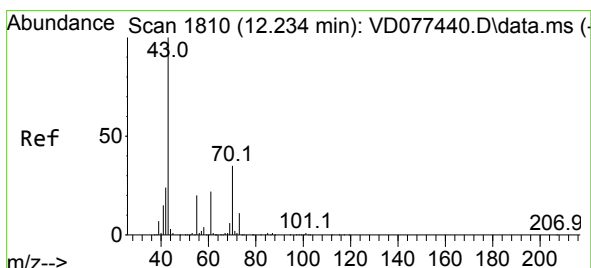
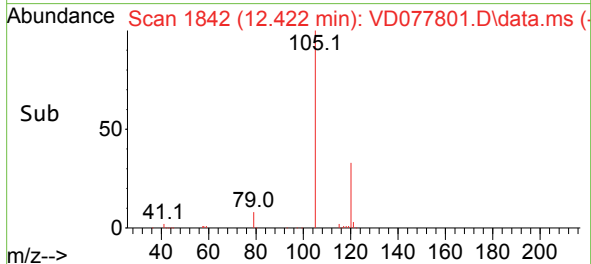
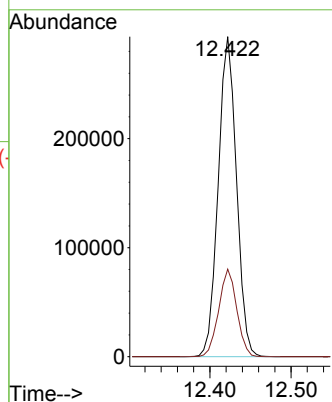
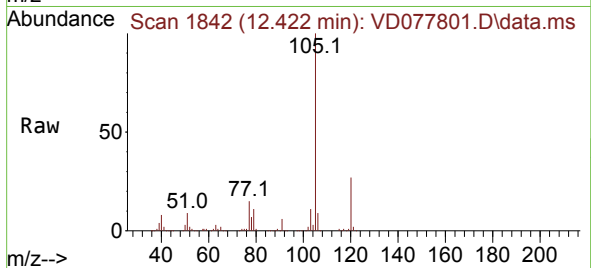
VSTDC0050EC

Tgt Ion:105 Resp: 458798

Ion Ratio Lower Upper

105 100

120 27.1 14.3 42.9



#74

N-ethyl acetate

Concen: 52.390 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Tgt Ion: 43 Resp: 91550

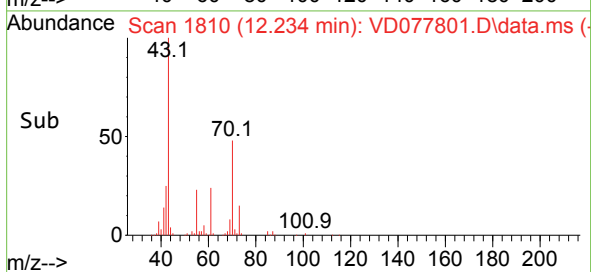
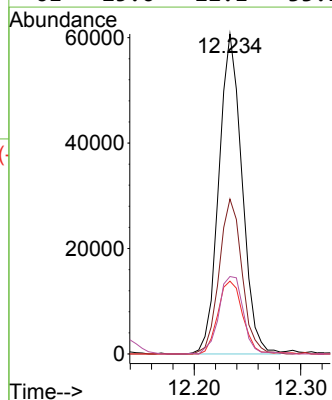
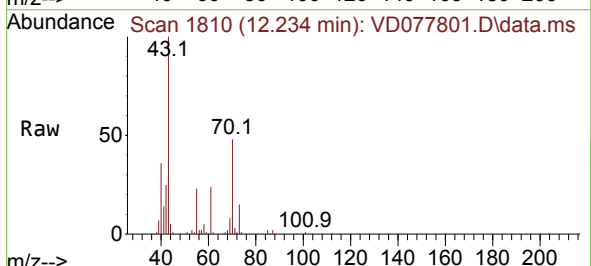
Ion Ratio Lower Upper

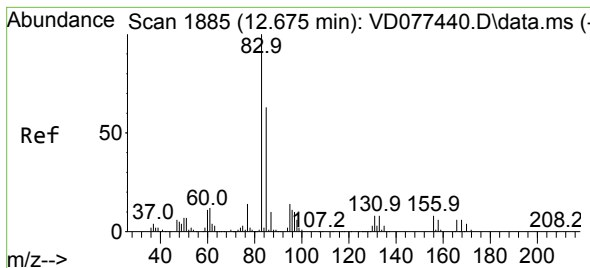
43 100

70 47.7 45.0 67.4

55 24.2 23.8 35.6

61 25.6 22.1 33.1

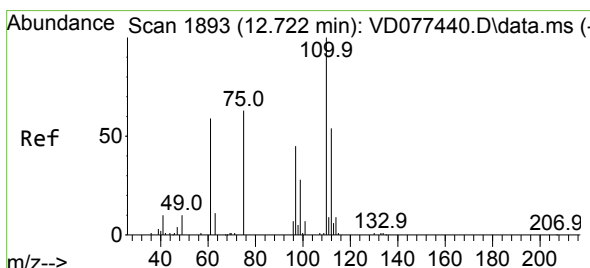
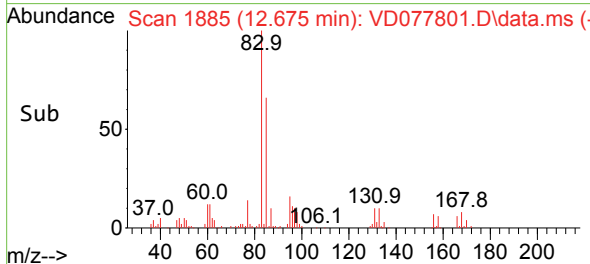
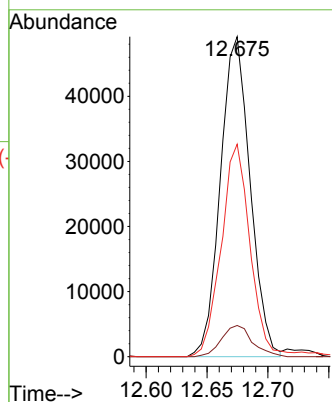
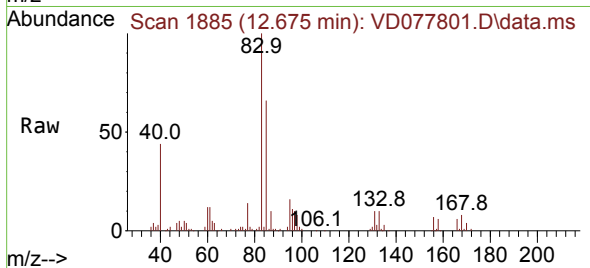




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.924 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

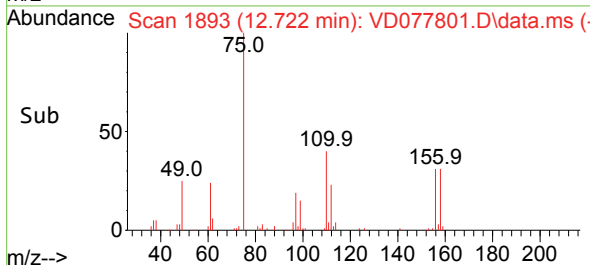
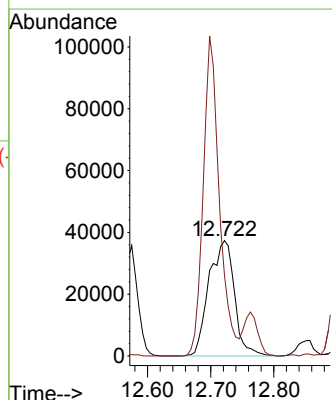
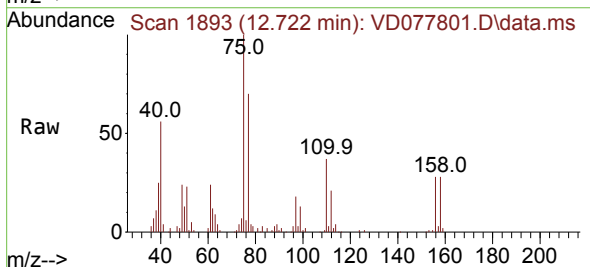
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

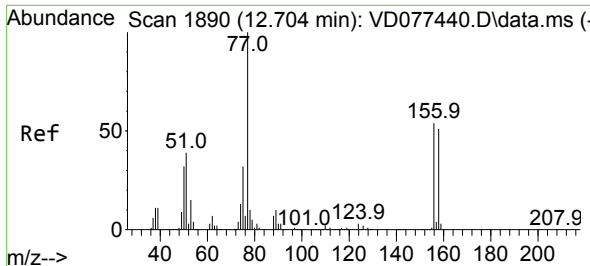
Tgt Ion: 83 Resp: 83584
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.3
 85 65.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 103.011 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

Tgt Ion: 75 Resp: 104937
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

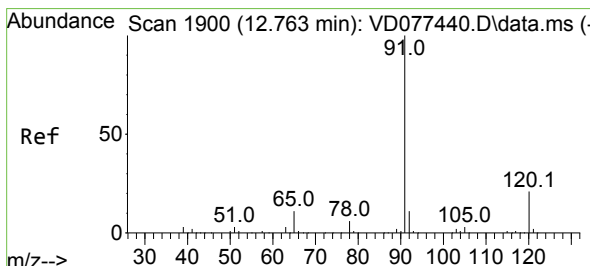
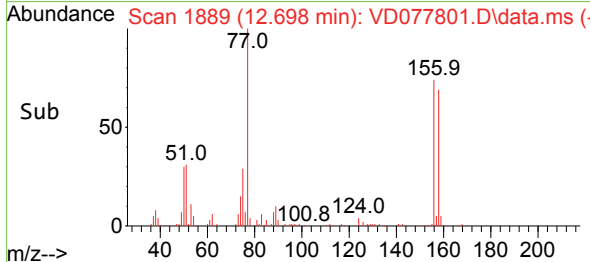
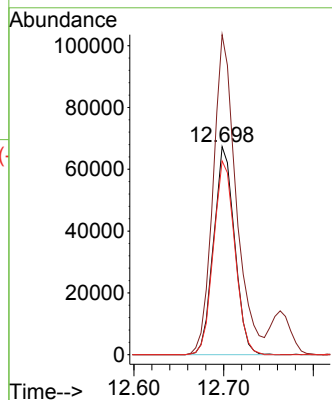
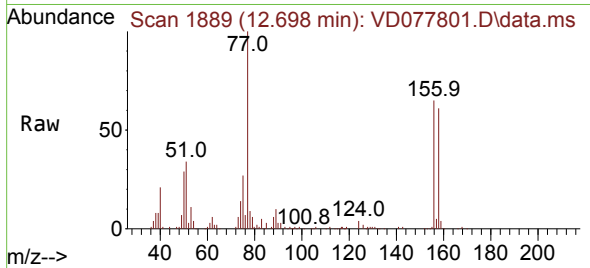




#77
Bromobenzene
Concen: 52.087 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

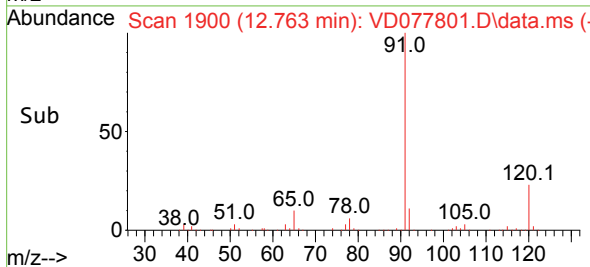
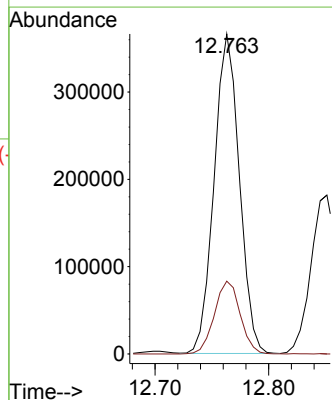
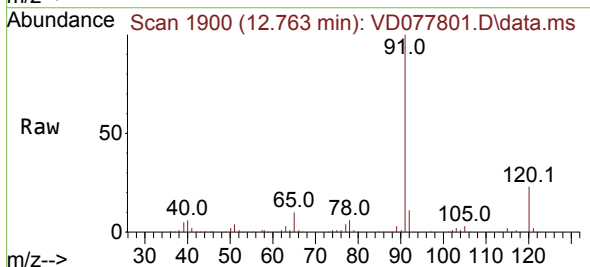
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

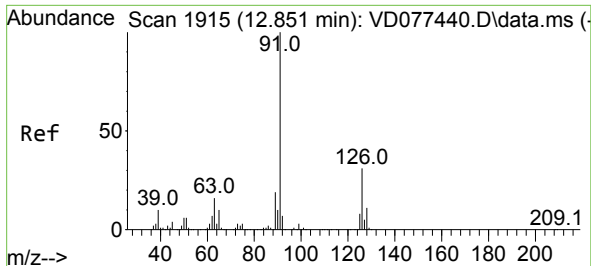
Tgt Ion:156 Resp: 108913
Ion Ratio Lower Upper
156 100
77 169.7 76.8 230.4
158 95.2 48.6 145.9



#78
n-propylbenzene
Concen: 52.168 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 91 Resp: 565105
Ion Ratio Lower Upper
91 100
120 23.2 12.4 37.2

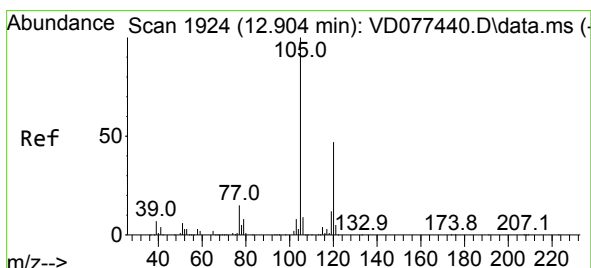
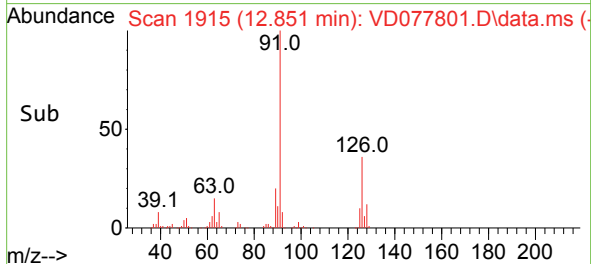
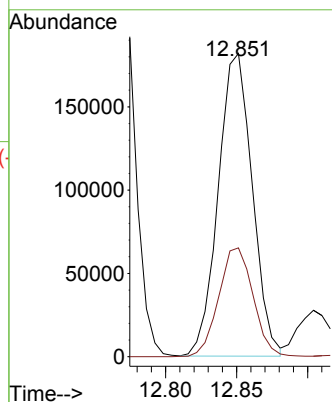
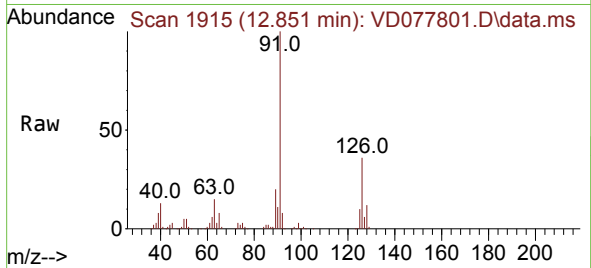




#79
2-Chlorotoluene
Concen: 52.169 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

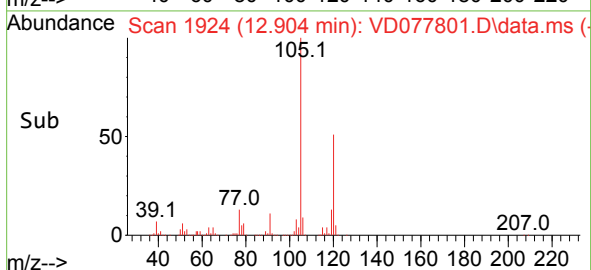
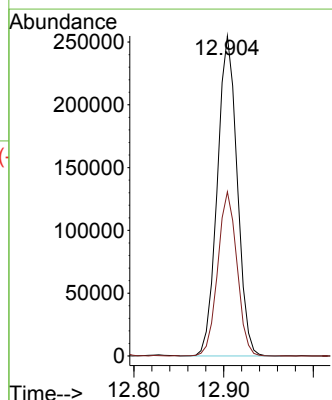
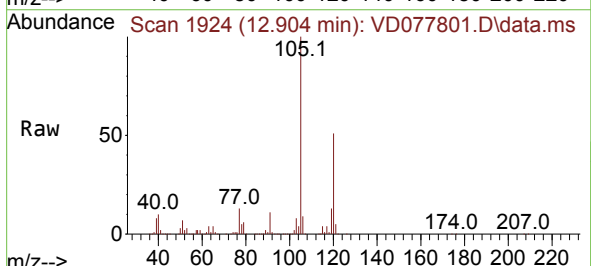
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

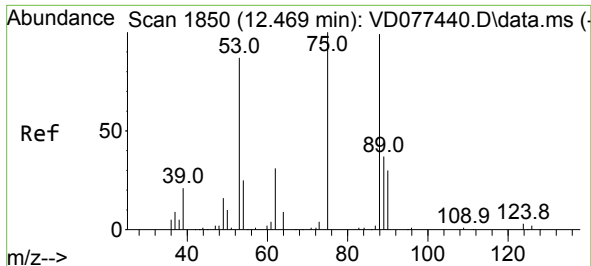
Tgt Ion: 91 Resp: 302853
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.872 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 105 Resp: 392016
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

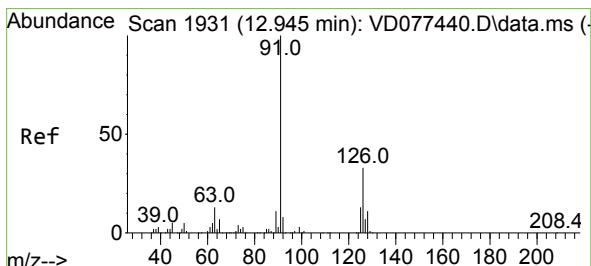
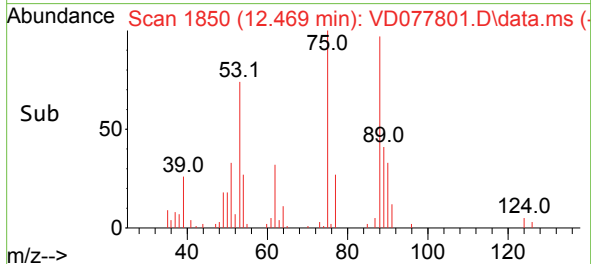
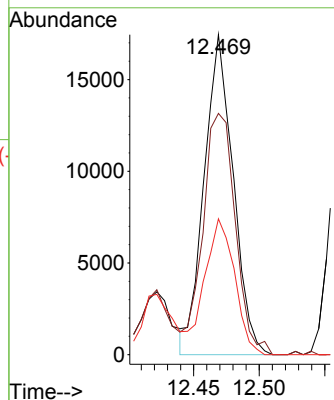
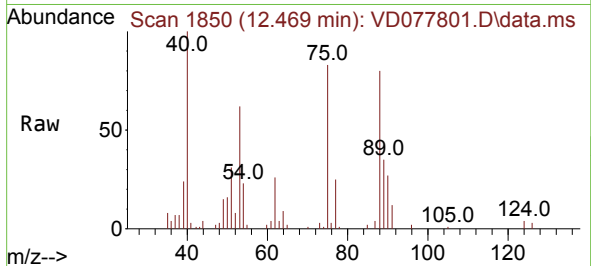




#81
trans-1,4-Dichloro-2-butene
Concen: 53.443 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

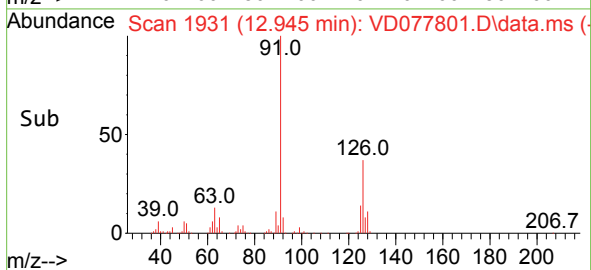
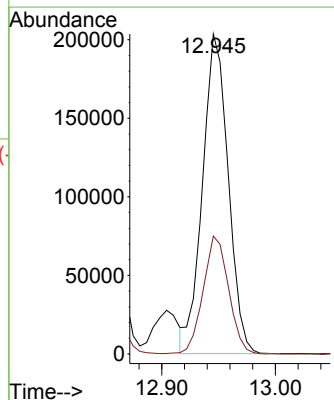
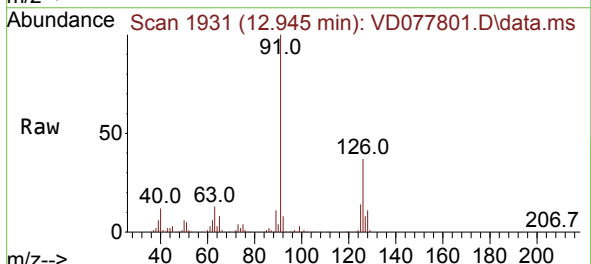
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

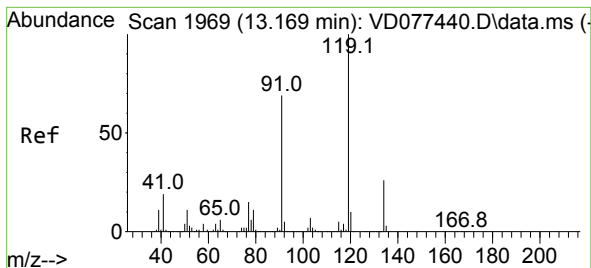
Tgt Ion:	75	Resp:	26871
Ion	Ratio	Lower	Upper
75	100		
53	84.6	63.0	94.4
89	44.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.658 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:	91	Resp:	319580
Ion	Ratio	Lower	Upper
91	100		
126	36.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 54.173 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

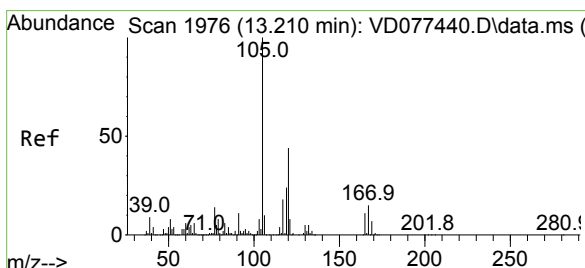
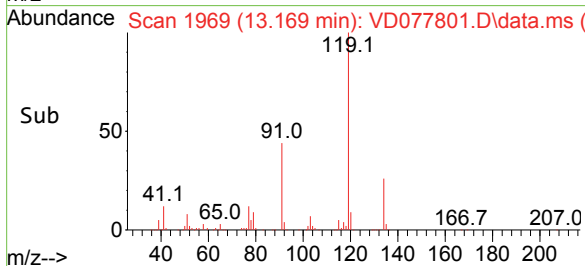
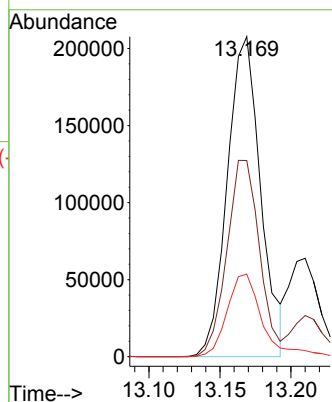
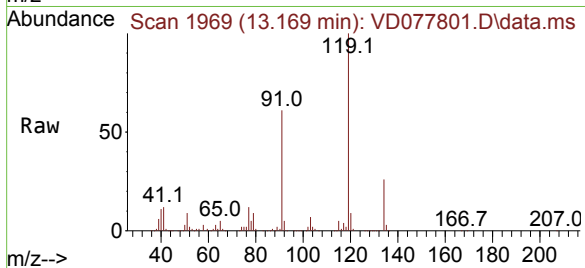
Tgt Ion:119 Resp: 339096

Ion Ratio Lower Upper

119 100

91 60.1 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.742 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077801.D

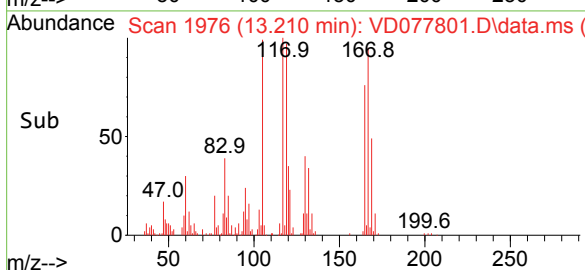
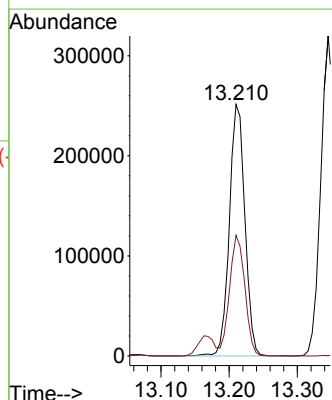
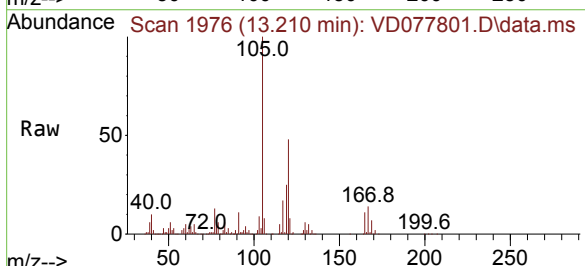
Acq: 08 Dec 2023 19:52

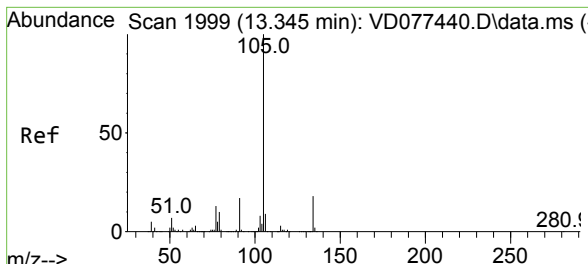
Tgt Ion:105 Resp: 398538

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.9

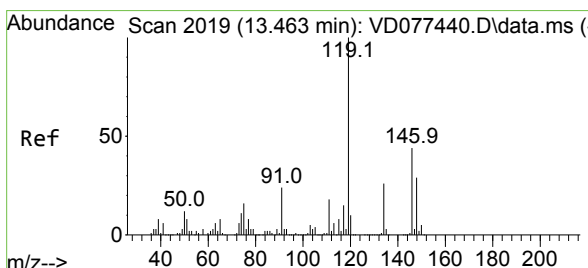
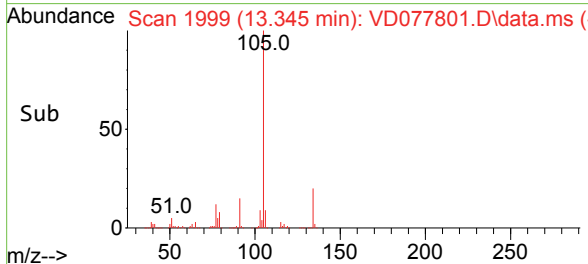
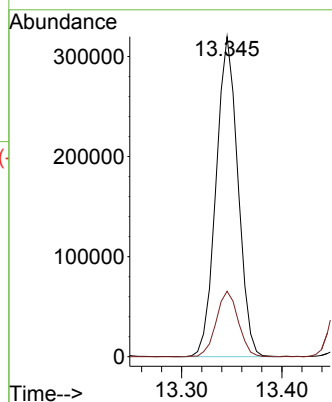
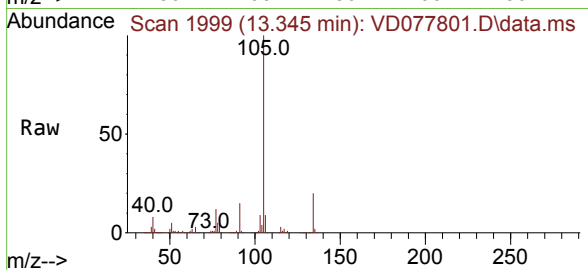




#85
 sec-Butylbenzene
 Concen: 52.279 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

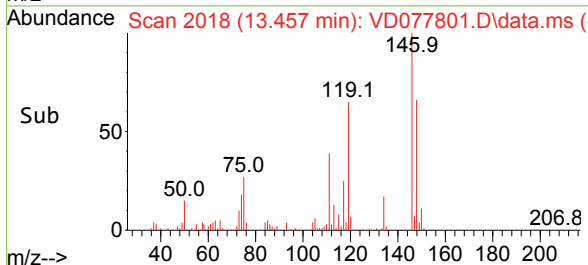
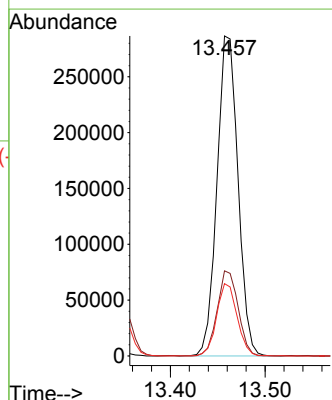
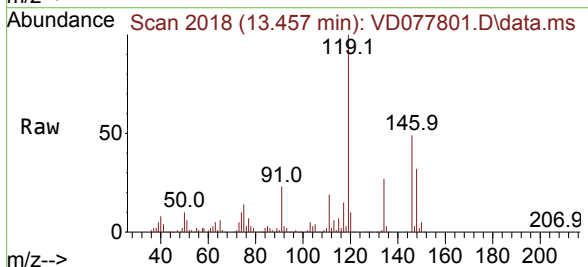
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

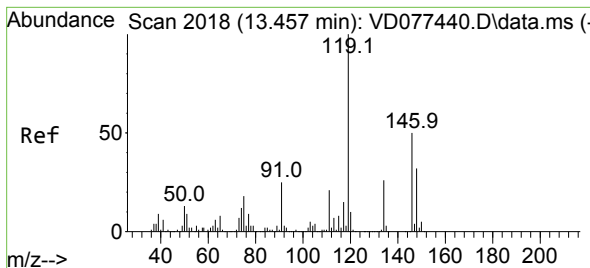
Tgt Ion:105 Resp: 483709
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 53.352 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077801.D
 Acq: 08 Dec 2023 19:52

Tgt Ion:119 Resp: 441970
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.753 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

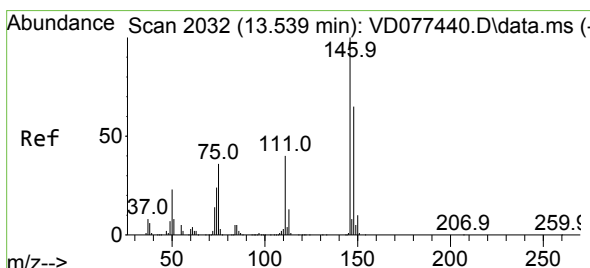
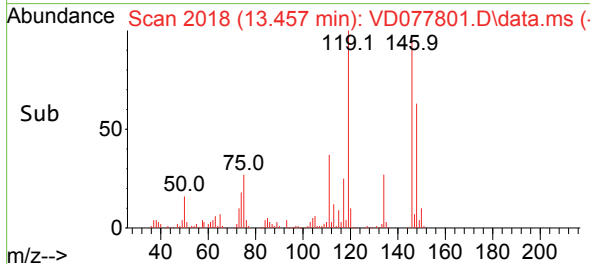
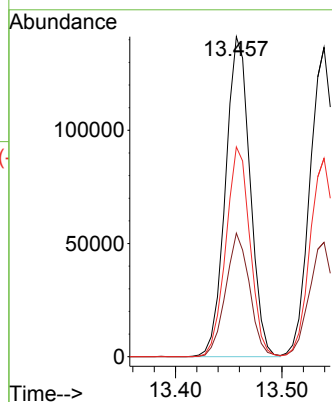
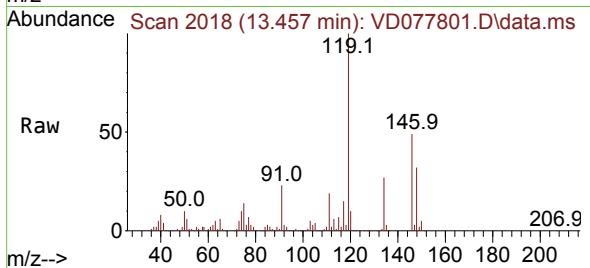
Tgt Ion:146 Resp: 225576

Ion Ratio Lower Upper

146 100

111 37.8 17.9 53.8

148 64.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.409 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

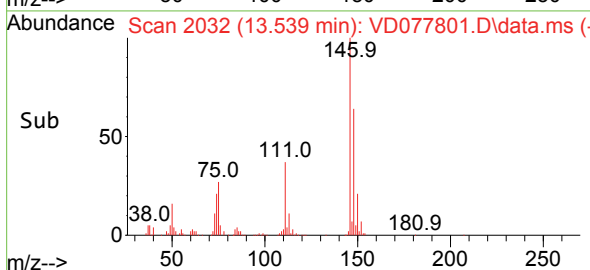
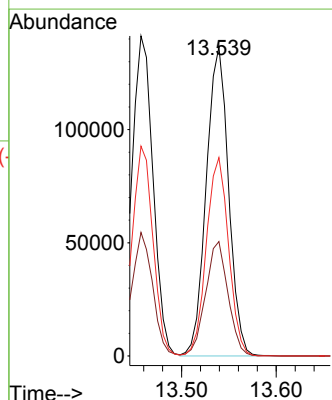
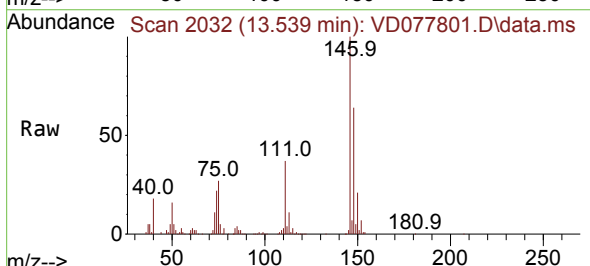
Tgt Ion:146 Resp: 223357

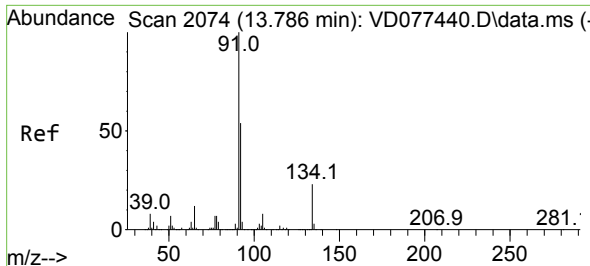
Ion Ratio Lower Upper

146 100

111 37.4 17.4 52.3

148 63.9 31.7 95.1

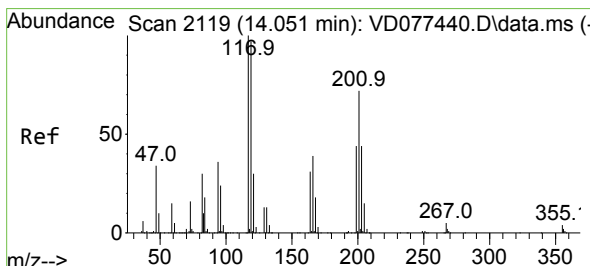
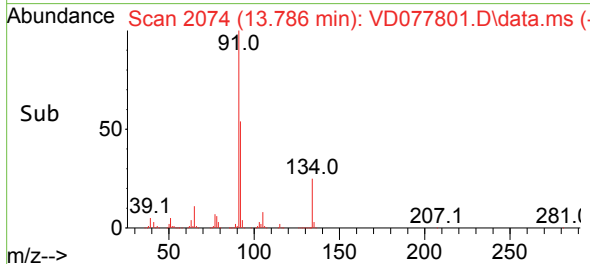
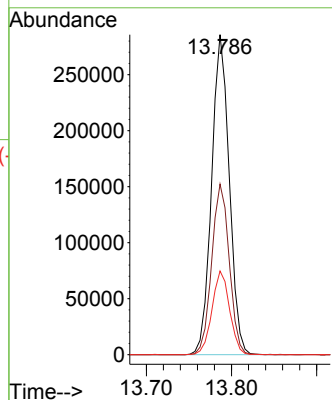
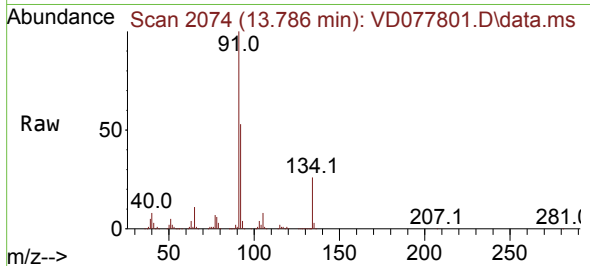




#89
n-Butylbenzene
Concen: 52.685 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

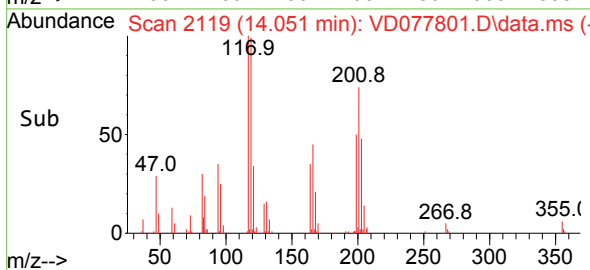
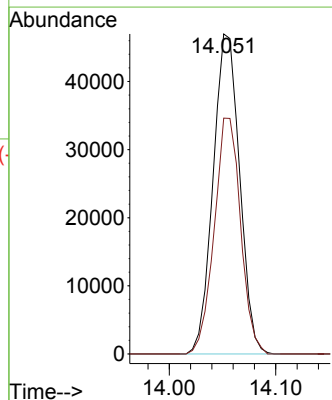
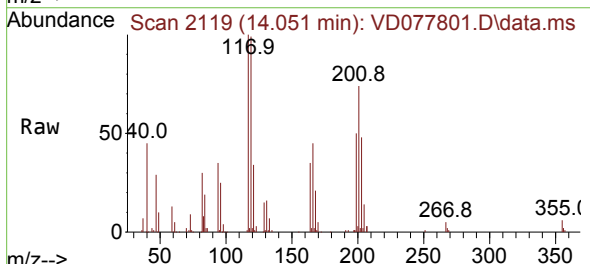
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

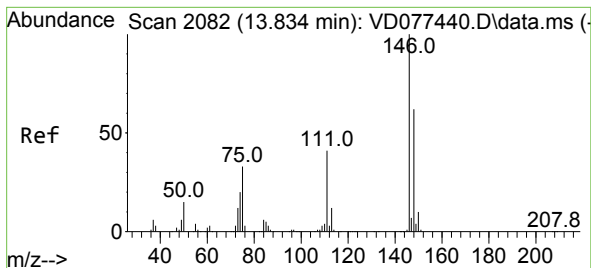
Tgt Ion: 91 Resp: 410675
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 53.303 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion: 117 Resp: 81206
Ion Ratio Lower Upper
117 100
201 73.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 53.000 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

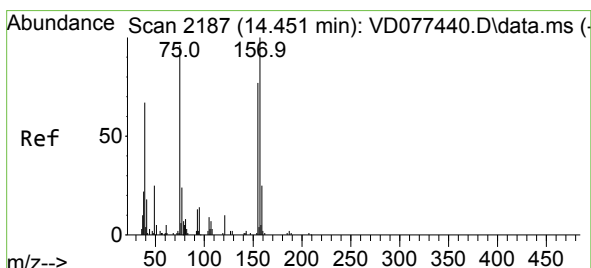
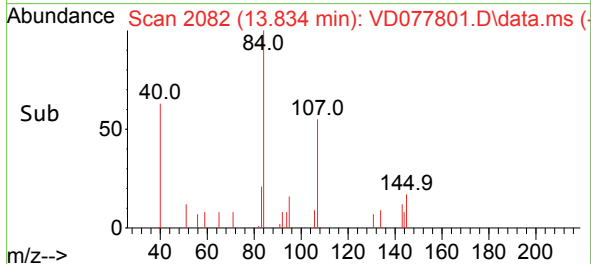
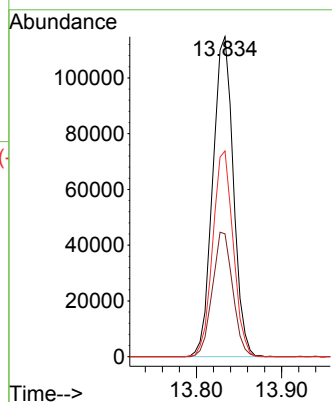
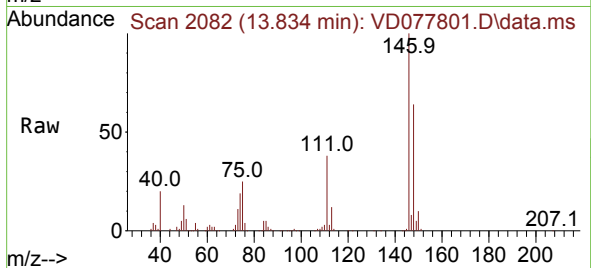
Tgt Ion:146 Resp: 192746

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.120 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

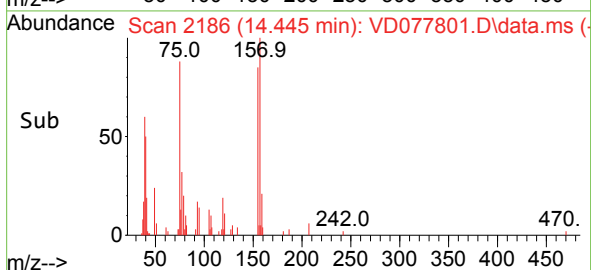
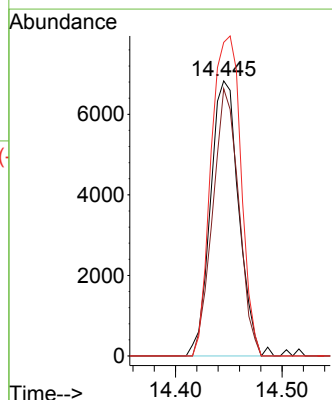
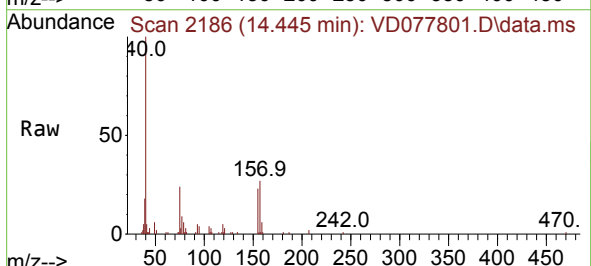
Tgt Ion: 75 Resp: 12574

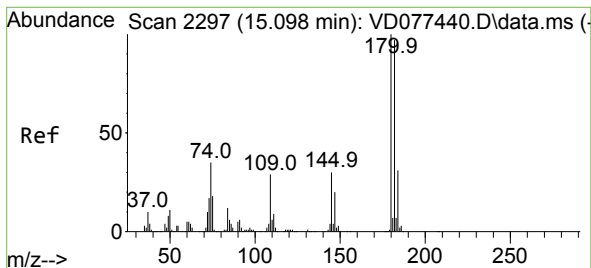
Ion Ratio Lower Upper

75 100

155 89.2 47.9 143.8

157 122.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.281 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

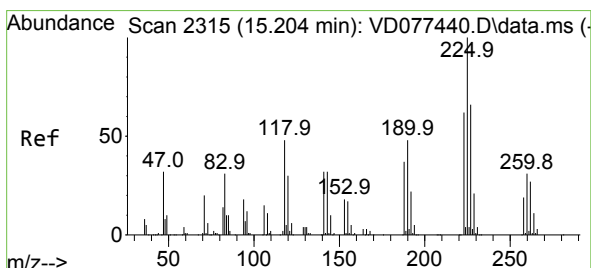
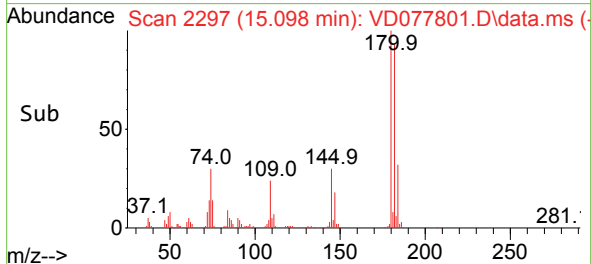
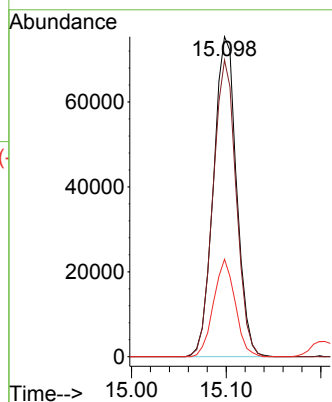
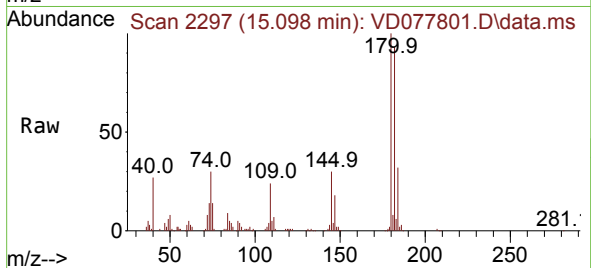
Tgt Ion:180 Resp: 127386

Ion Ratio Lower Upper

180 100

182 93.0 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.383 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077801.D

Acq: 08 Dec 2023 19:52

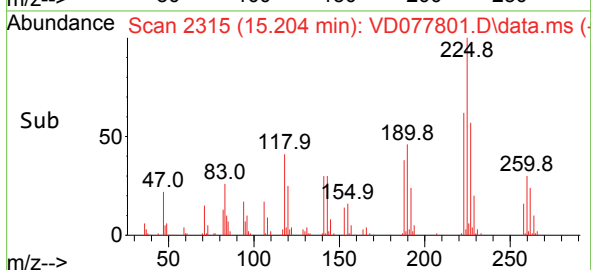
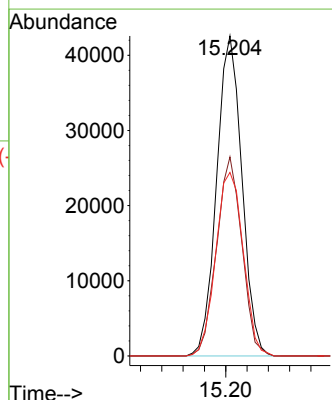
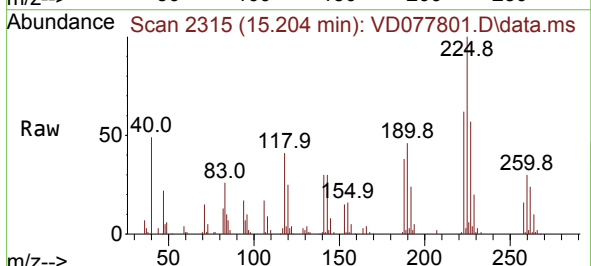
Tgt Ion:225 Resp: 70168

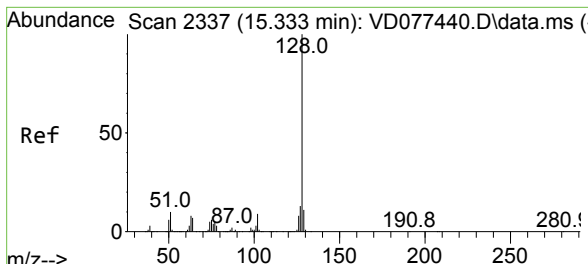
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 62.4 31.7 95.1

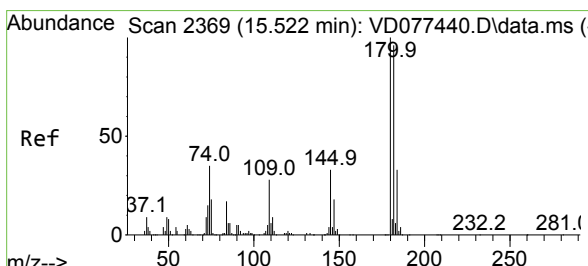
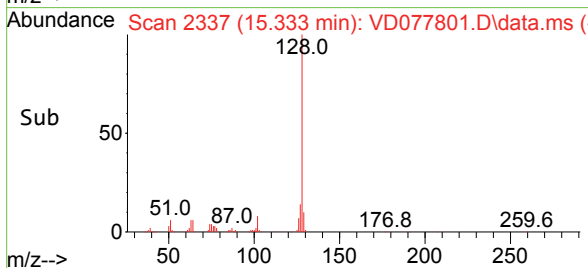
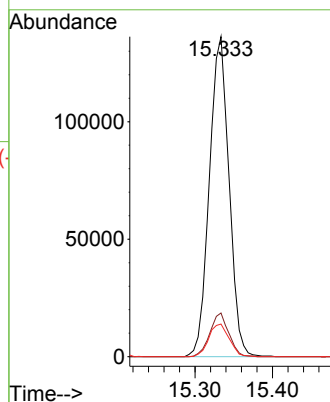
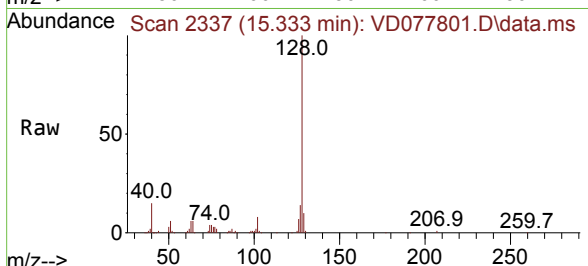




#95
Naphthalene
Concen: 58.126 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	239901
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.525 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077801.D
Acq: 08 Dec 2023 19:52

Tgt Ion:	180	Resp:	109613
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	30.0	15.1	45.3

