

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078101.D
 Acq On : 29 Dec 2023 11:23
 Operator : RP/MD
 Sample : VD1229SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

Quant Time: Dec 29 22:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117561	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63274	44.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.420%
35) Dibromofluoromethane	7.804	113	74266	46.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.269	98	267625	48.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.575	95	85075	47.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27941	20.267	ug/l	96
3) Chloromethane	2.146	50	34263	18.021	ug/l	96
4) Vinyl Chloride	2.287	62	52383	18.279	ug/l	99
5) Bromomethane	2.687	94	39488	17.185	ug/l	100
6) Chloroethane	2.834	64	40477	19.220	ug/l	89
7) Trichlorofluoromethane	3.181	101	53725	19.477	ug/l	95
8) Diethyl Ether	3.587	74	13334	17.628	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	32420	18.870	ug/l	97
10) Methyl Iodide	4.164	142	29474	18.257	ug/l	96
11) Tert butyl alcohol	5.069	59	8605	123.844	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	28145	18.514	ug/l	97
13) Acrolein	3.793	56	8420	111.696	ug/l	97
14) Allyl chloride	4.563	41	32032	17.433	ug/l	90
15) Acrylonitrile	5.258	53	30093	95.110	ug/l	96
16) Acetone	4.022	43	39127	119.491	ug/l	94
17) Carbon Disulfide	4.269	76	62681	16.688	ug/l	98
18) Methyl Acetate	4.569	43	19616	16.722	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	65631	19.507	ug/l	97
20) Methylene Chloride	4.805	84	40255	21.112	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	31638	18.105	ug/l	97
22) Diisopropyl ether	6.216	45	77907	18.982	ug/l	93
23) Vinyl Acetate	6.157	43	181635	115.759	ug/l	96
24) 1,1-Dichloroethane	6.116	63	58393	19.225	ug/l	97
25) 2-Butanone	7.081	43	44547	110.553	ug/l	91
26) 2,2-Dichloropropane	7.069	77	50707	18.582	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	38154	18.404	ug/l	96
28) Bromochloromethane	7.434	49	20343	18.721	ug/l	90
29) Tetrahydrofuran	7.446	42	19022	85.851	ug/l	98
30) Chloroform	7.599	83	63379	19.255	ug/l	96
31) Cyclohexane	7.875	56	40249	17.628	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	55100	19.478	ug/l	99
36) 1,1-Dichloropropene	8.010	75	42809	19.249	ug/l	97
37) Ethyl Acetate	7.163	43	15243	20.607	ug/l	99
38) Carbon Tetrachloride	7.987	117	48965	20.318	ug/l	97
39) Methylcyclohexane	9.275	83	45448	17.824	ug/l	94
40) Benzene	8.257	78	125335	19.553	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	7919	16.922	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	33812	19.518	ug/l	95
43) Isopropyl Acetate	8.363	43	29609	19.994	ug/l	94
44) Trichloroethene	9.034	130	37829	20.513	ug/l	83
45) 1,2-Dichloropropane	9.304	63	32466	19.988	ug/l	95
46) Dibromomethane	9.399	93	18990	20.874	ug/l	94
47) Bromodichloromethane	9.587	83	48004	20.314	ug/l	99
48) Methyl methacrylate	9.381	41	17596	21.083	ug/l #	77
49) 1,4-Dioxane	9.381	88	3714	431.855	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	76168	100.238	ug/l	94
52) Toluene	10.334	92	83668	20.124	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	42013	19.595	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	51301	19.925	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	26256	20.509	ug/l	89
56) Ethyl methacrylate	10.598	69	20111	19.795	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	41941	19.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	38137	86.703	ug/l	100
59) 2-Hexanone	10.922	43	62680	106.193	ug/l	96
60) Dibromochloromethane	11.075	129	33696	20.661	ug/l	96
61) 1,2-Dibromoethane	11.181	107	24931	20.313	ug/l	98
64) Tetrachloroethene	10.810	164	30447	19.879	ug/l	96
65) Chlorobenzene	11.604	112	92840	19.279	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	35559	19.510	ug/l	99
67) Ethyl Benzene	11.687	91	159899	19.047	ug/l	95
68) m/p-Xylenes	11.793	106	123289	37.735	ug/l	94
69) o-Xylene	12.122	106	56603	18.588	ug/l	94
70) Styrene	12.134	104	86927	19.334	ug/l	95
71) Bromoform	12.298	173	20359	20.247	ug/l #	100
73) Isopropylbenzene	12.422	105	154195	19.043	ug/l	98
74) N-amyl acetate	12.234	43	26540	19.744	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	29058	19.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34996	35.285	ug/l #	100
77) Bromobenzene	12.698	156	39973	20.293	ug/l	98
78) n-propylbenzene	12.763	91	183844	18.863	ug/l	99
79) 2-Chlorotoluene	12.851	91	101894	19.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	129170	19.287	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8903	19.342	ug/l	96
82) 4-Chlorotoluene	12.945	91	112353	19.878	ug/l	96
83) tert-Butylbenzene	13.169	119	116773	19.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	130897	19.189	ug/l	98
85) sec-Butylbenzene	13.345	105	165419	19.313	ug/l	98
86) p-Isopropyltoluene	13.463	119	145757	19.016	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	78955	19.373	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	79687	19.936	ug/l	97
89) n-Butylbenzene	13.787	91	134737	19.151	ug/l	100
90) Hexachloroethane	14.057	117	30646	19.999	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	70264	20.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4340	21.057	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	44366	19.415	ug/l	98
94) Hexachlorobutadiene	15.204	225	26222	20.424	ug/l	96
95) Naphthalene	15.334	128	72159	18.549	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	39108	20.170	ug/l	98

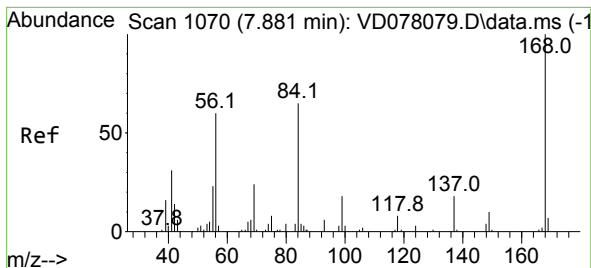
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Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

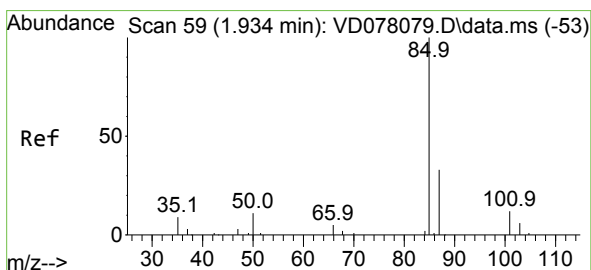
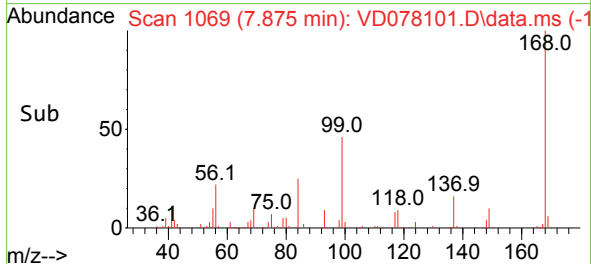
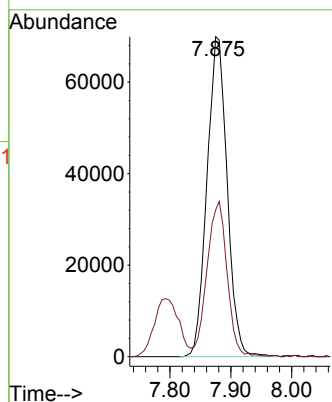
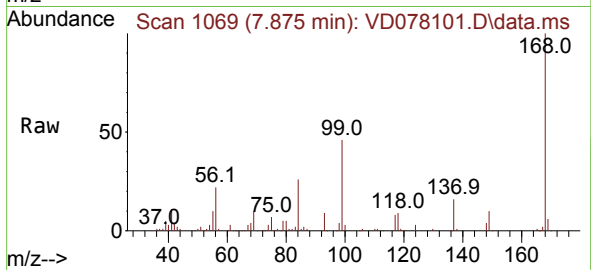
VD1229SBS02

Tgt Ion:168 Resp: 160861

Ion Ratio Lower Upper

168 100

99 45.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.267 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078101.D

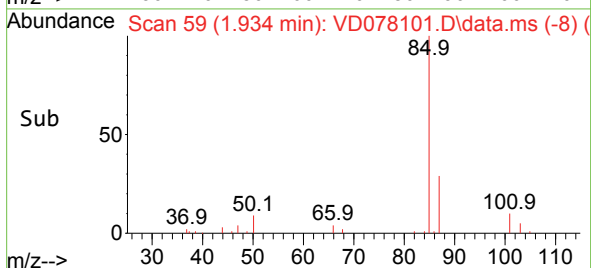
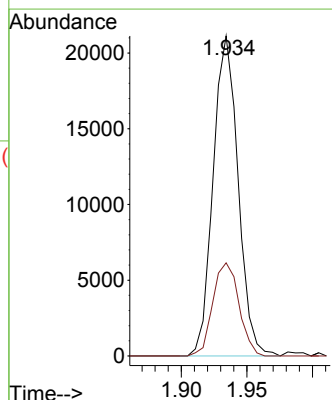
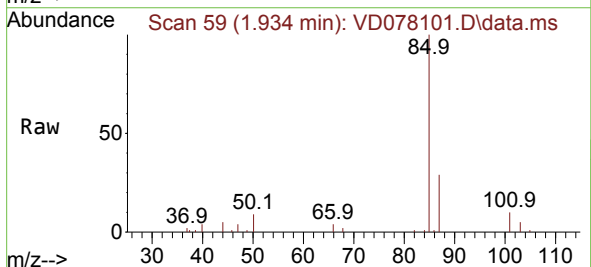
Acq: 29 Dec 2023 11:23

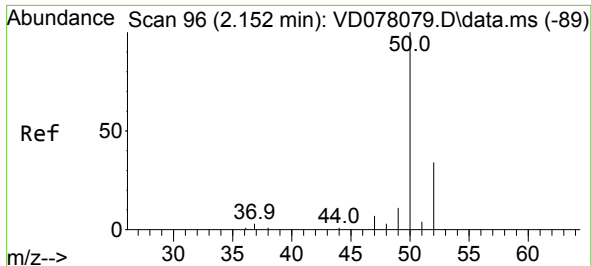
Tgt Ion: 85 Resp: 27941

Ion Ratio Lower Upper

85 100

87 29.1 15.7 47.0

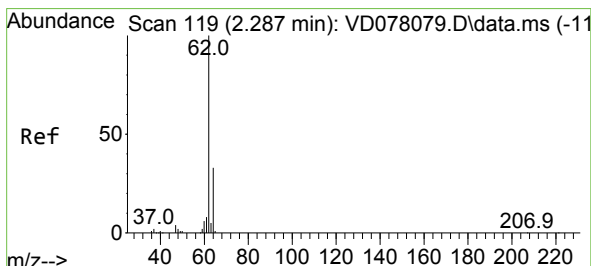
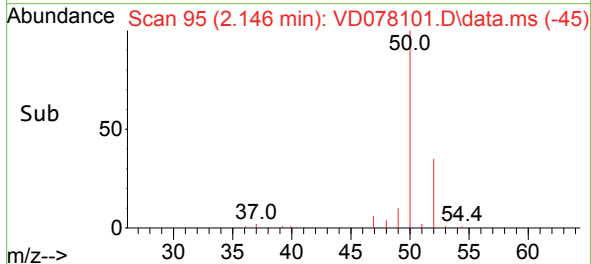
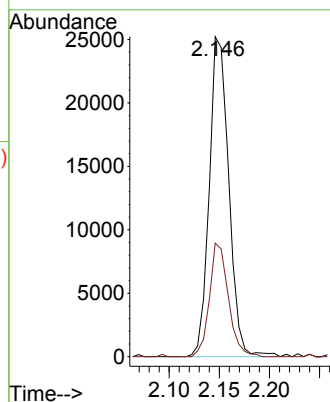
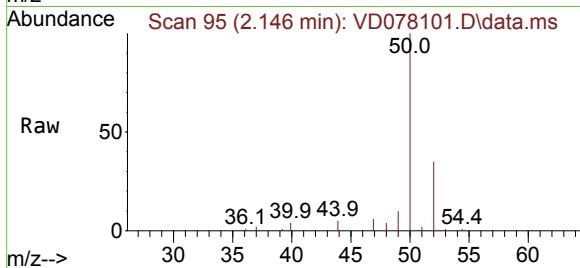




#3
Chloromethane
Concen: 18.021 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

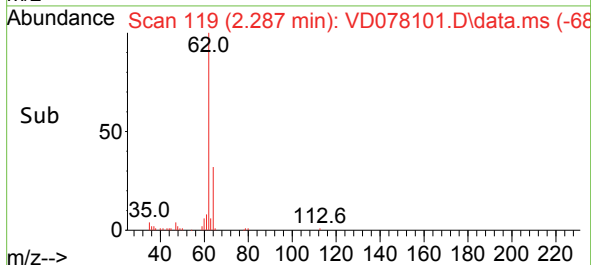
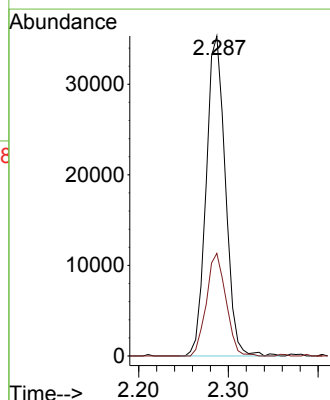
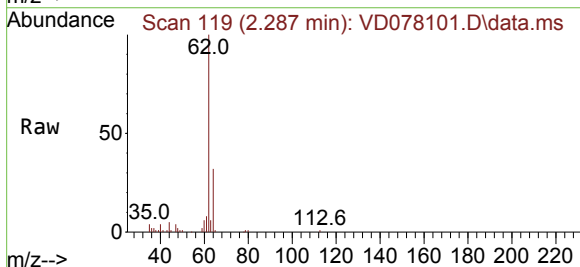
Instrument :
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ClientSampleId :
VD1229SBS02

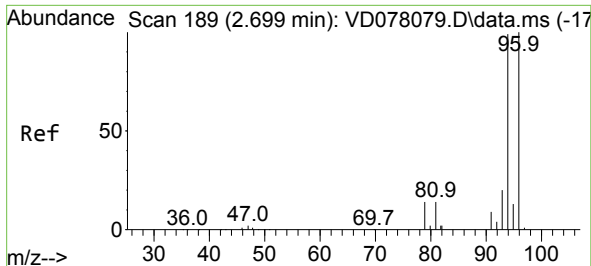
Tgt Ion: 50 Resp: 34263
Ion Ratio Lower Upper
50 100
52 35.5 26.6 40.0



#4
Vinyl Chloride
Concen: 18.279 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 62 Resp: 52383
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

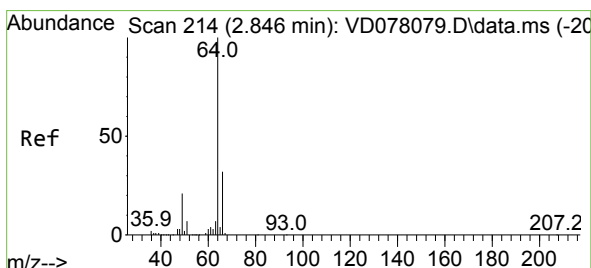
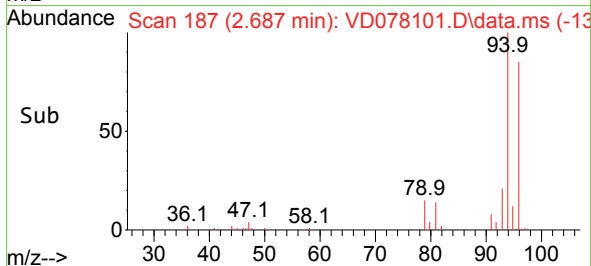
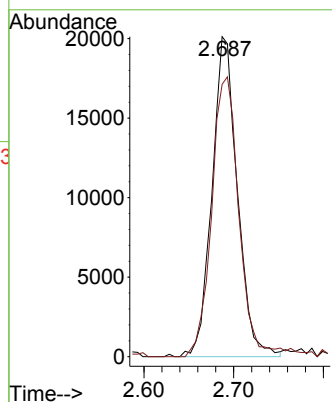
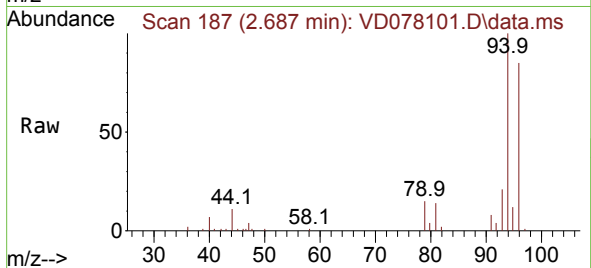




#5
Bromomethane
Concen: 17.185 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.012 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

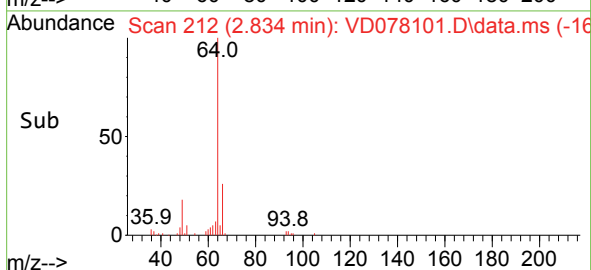
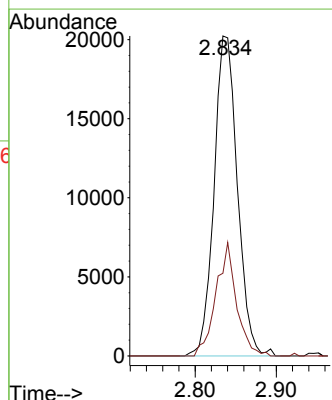
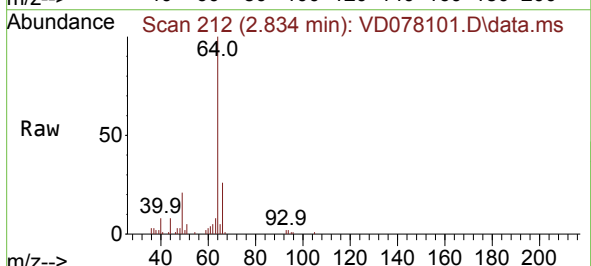
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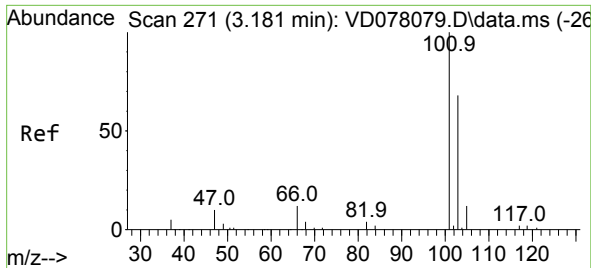
Tgt Ion: 94 Resp: 39488
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 19.220 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.012 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 64 Resp: 40477
Ion Ratio Lower Upper
64 100
66 25.9 25.5 38.3

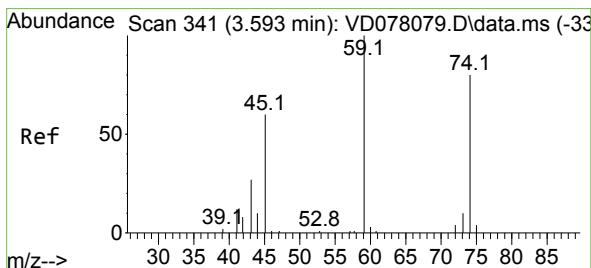
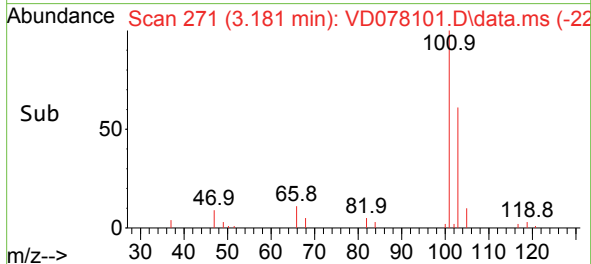
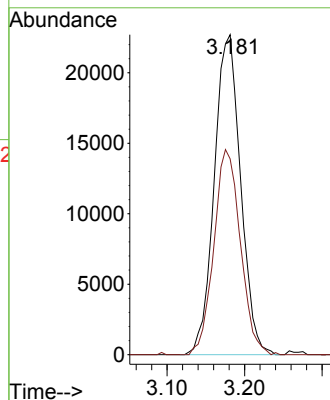
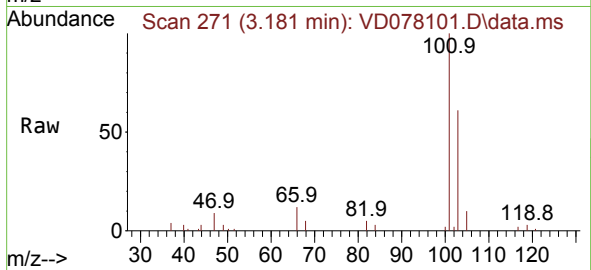




#7
 Trichlorofluoromethane
 Concen: 19.477 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

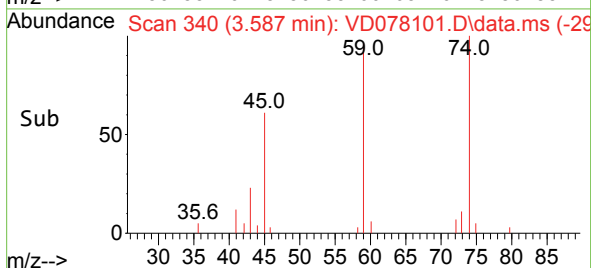
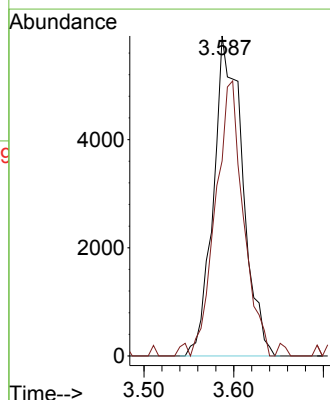
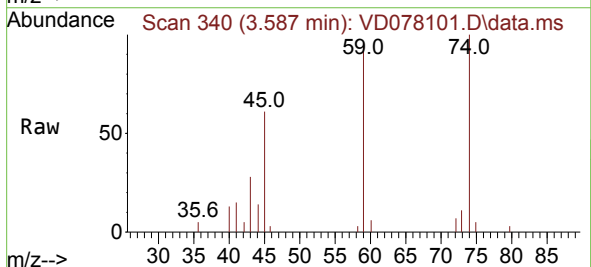
Instrument :
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 ClientSampleId :
 VD1229SBS02

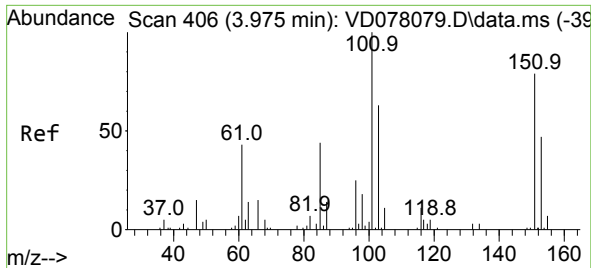
Tgt Ion:101 Resp: 53725
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 17.628 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion: 74 Resp: 13334
 Ion Ratio Lower Upper
 74 100
 45 83.0 37.5 112.7

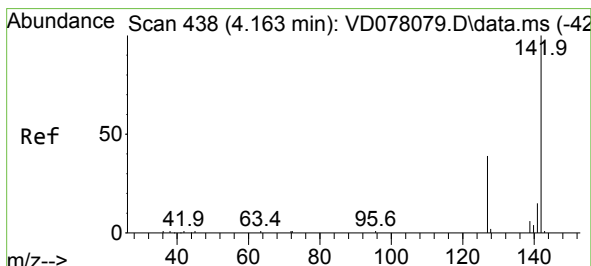
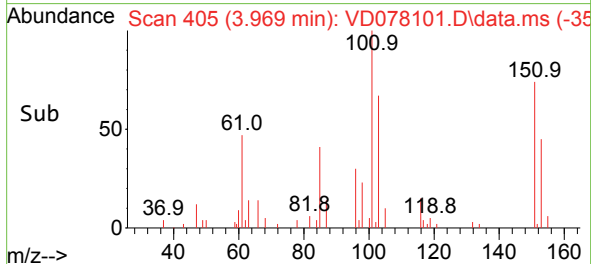
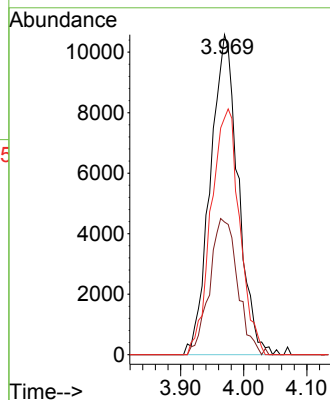
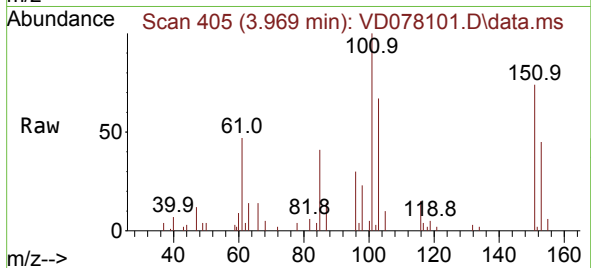




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.870 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

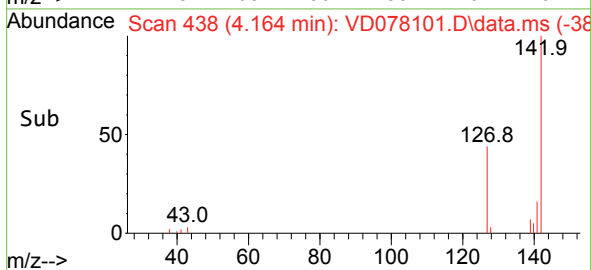
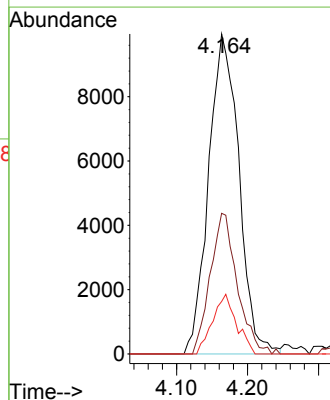
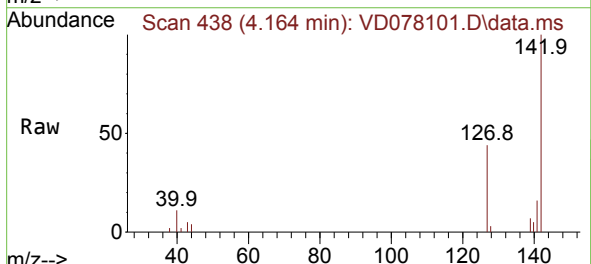
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

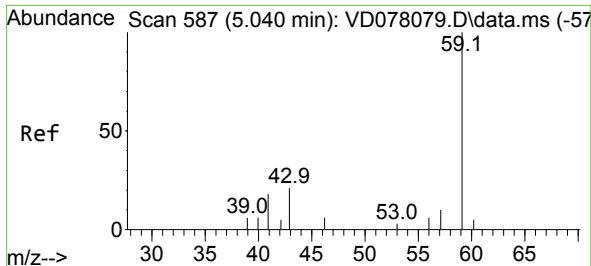
Tgt Ion:101 Resp: 32420
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 78.6 59.8 89.6



#10
Methyl Iodide
Concen: 18.257 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:142 Resp: 29474
Ion Ratio Lower Upper
142 100
127 39.2 29.4 44.0
141 14.7 11.1 16.7

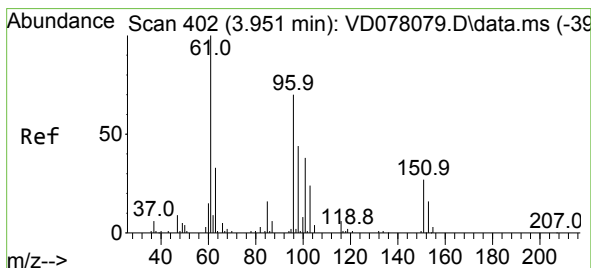
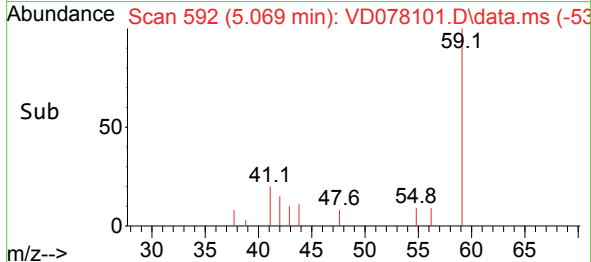
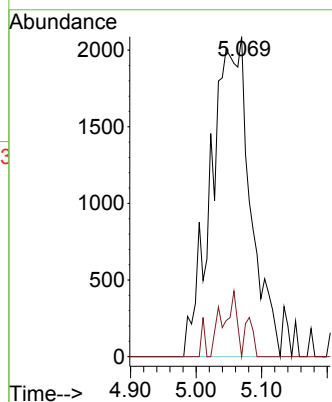
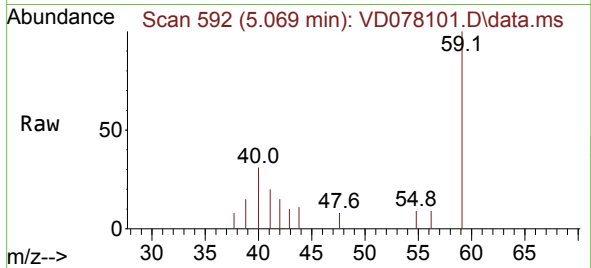




#11
Tert butyl alcohol
Concen: 123.844 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.029 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

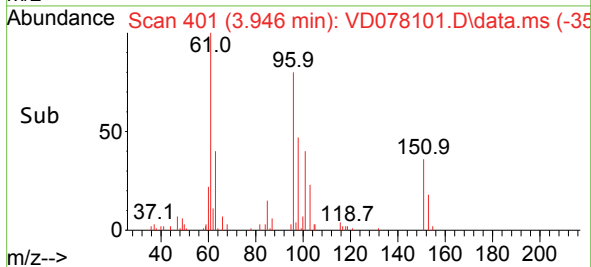
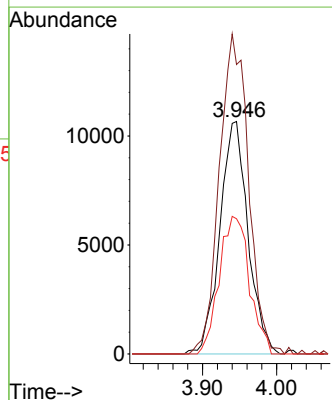
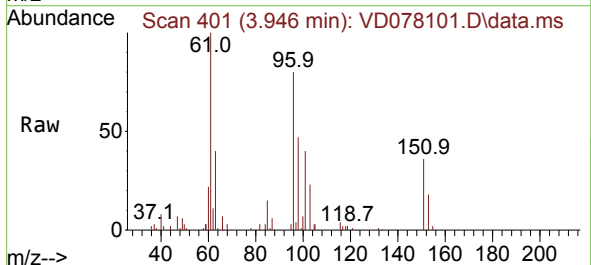
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

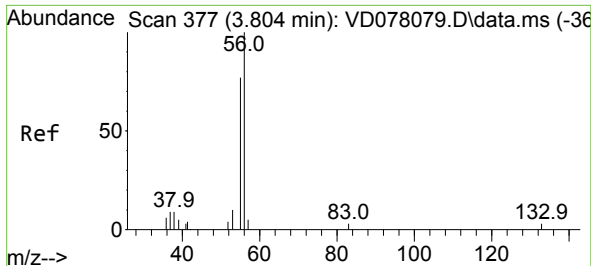
Tgt Ion: 59 Resp: 8605
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.514 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 96 Resp: 28145
Ion Ratio Lower Upper
96 100
61 124.5 100.6 150.8
98 58.1 50.2 75.2

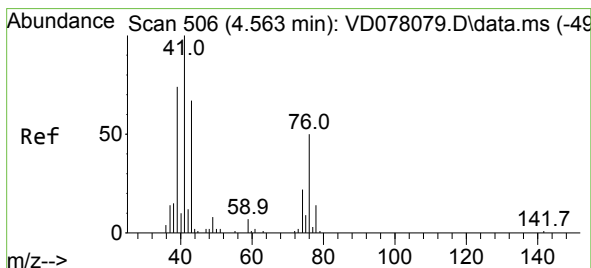
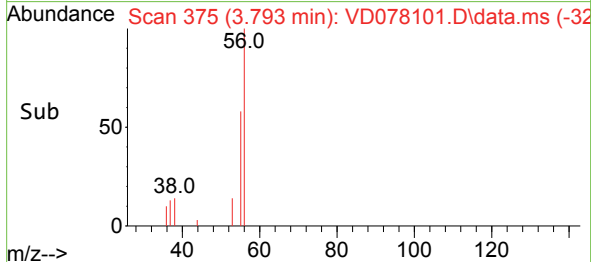
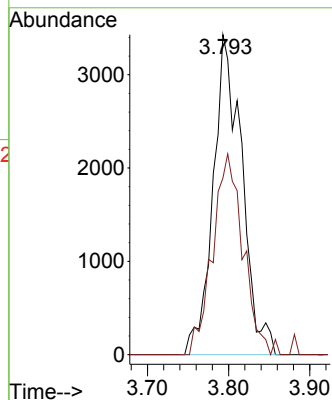
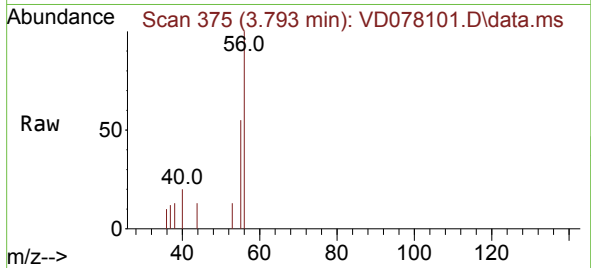




#13
Acrolein
Concen: 111.696 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

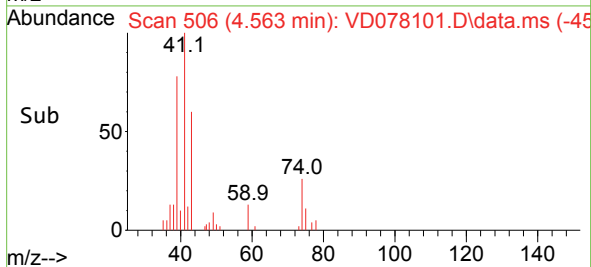
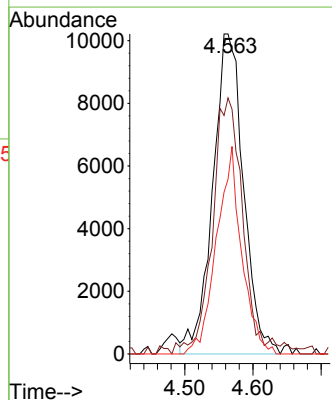
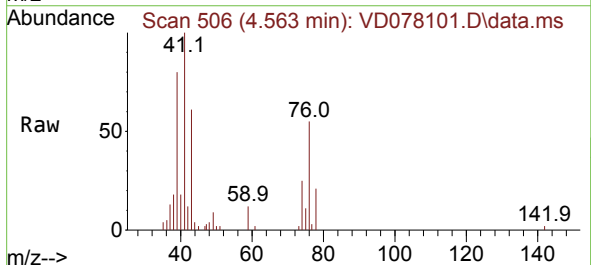
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

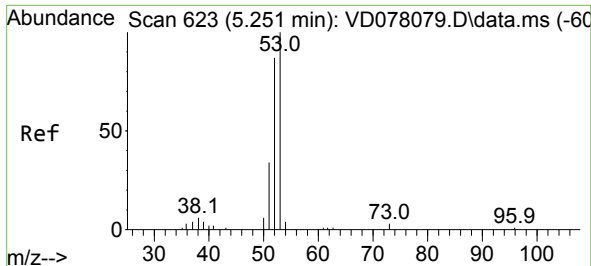
Tgt Ion: 56 Resp: 8420
Ion Ratio Lower Upper
56 100
55 66.7 55.1 82.7



#14
Allyl chloride
Concen: 17.433 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 41 Resp: 32032
Ion Ratio Lower Upper
41 100
39 77.5 53.8 80.6
76 53.1 45.8 68.8

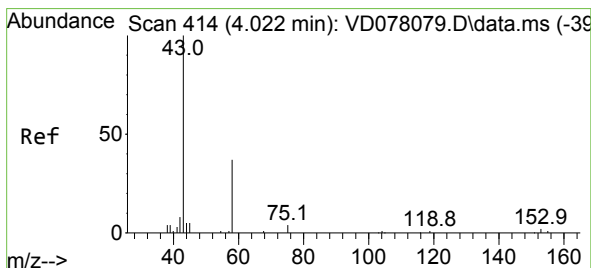
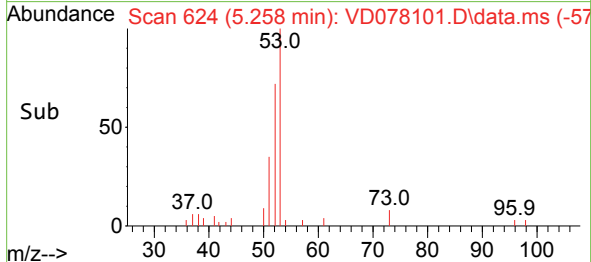
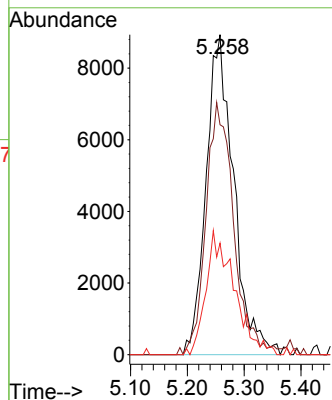
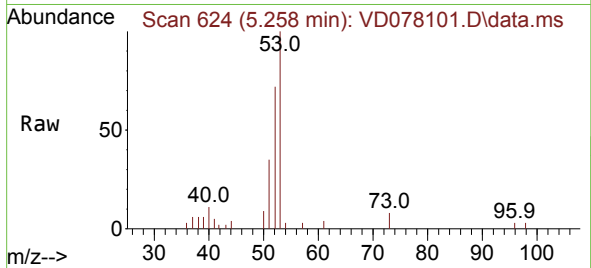




#15
Acrylonitrile
Concen: 95.110 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

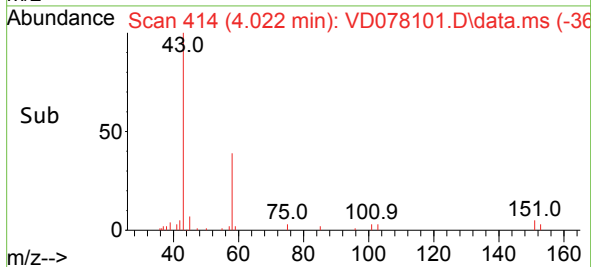
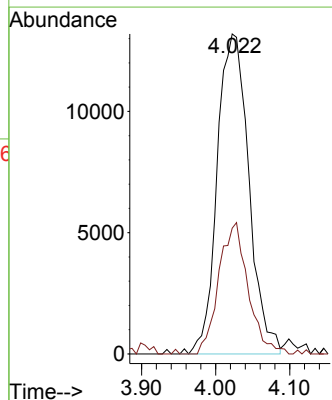
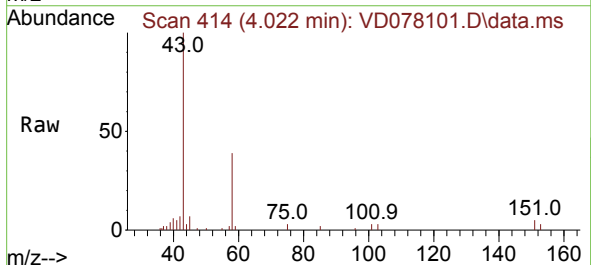
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

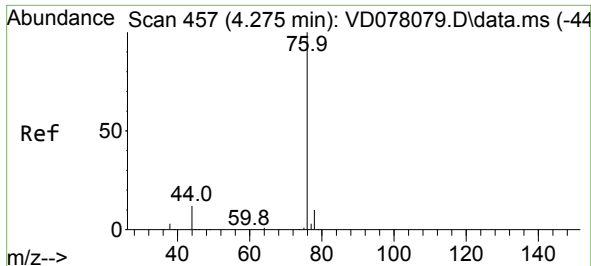
Tgt Ion: 53 Resp: 30093
Ion Ratio Lower Upper
53 100
52 79.3 65.0 97.4
51 39.9 28.3 42.5



#16
Acetone
Concen: 119.491 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 43 Resp: 39127
Ion Ratio Lower Upper
43 100
58 39.3 34.7 52.1

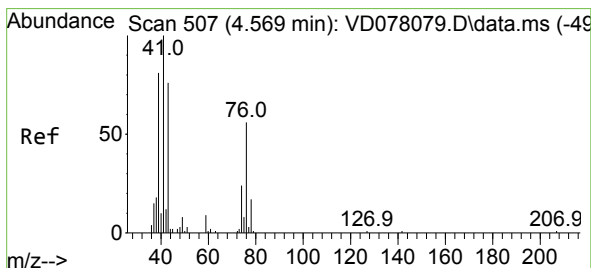
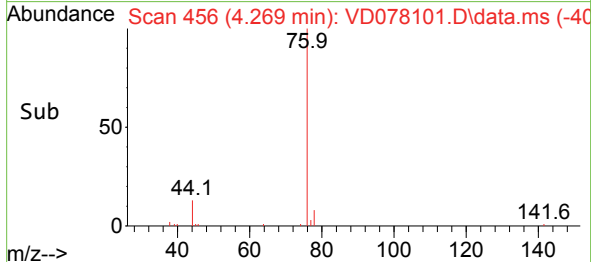
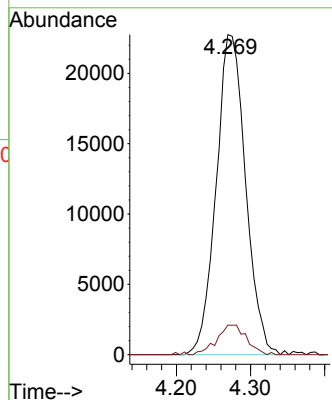
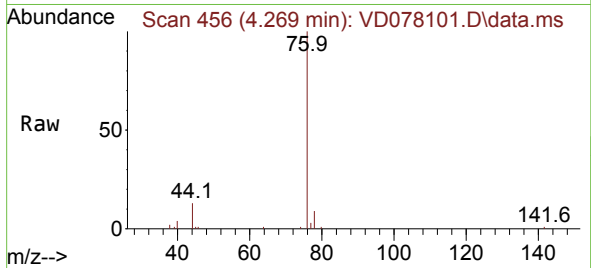




#17
Carbon Disulfide
Concen: 16.688 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

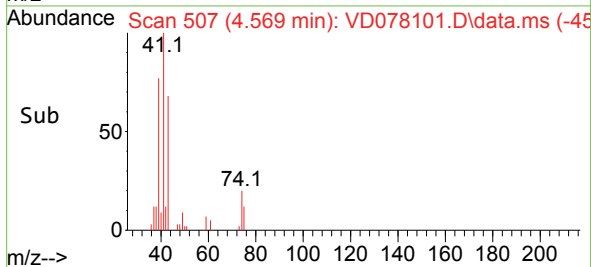
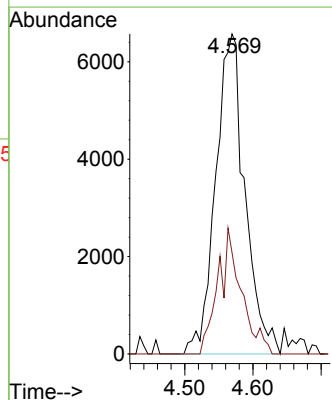
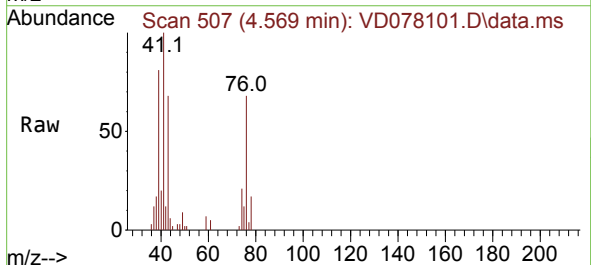
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

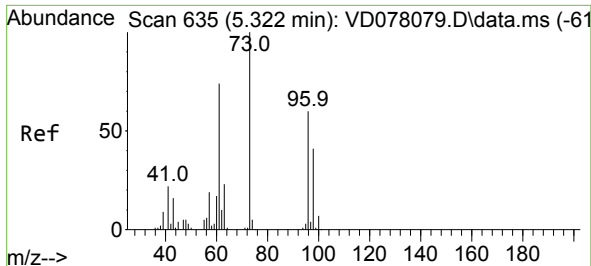
Tgt Ion: 76 Resp: 62681
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 16.722 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 43 Resp: 19616
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6

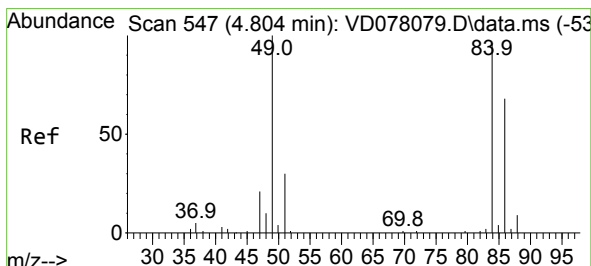
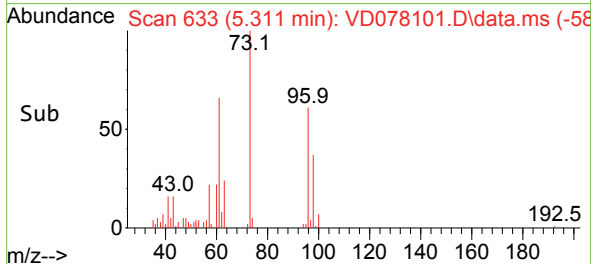
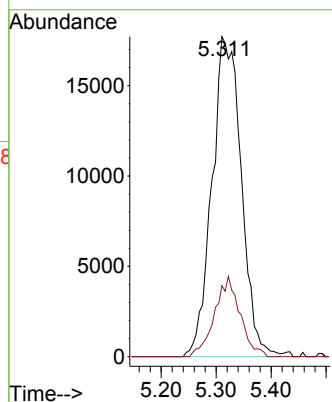
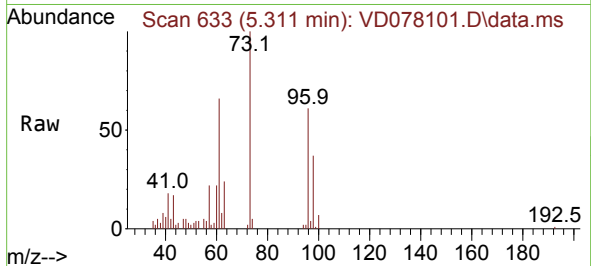




#19
Methyl tert-butyl Ether
Concen: 19.507 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

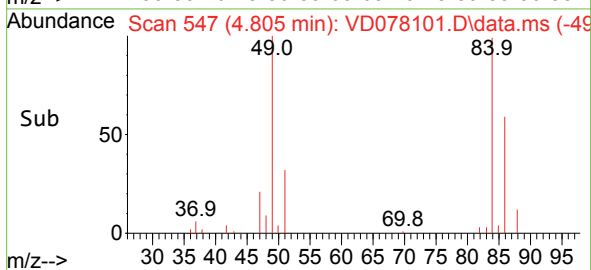
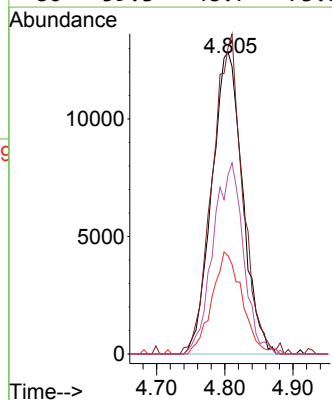
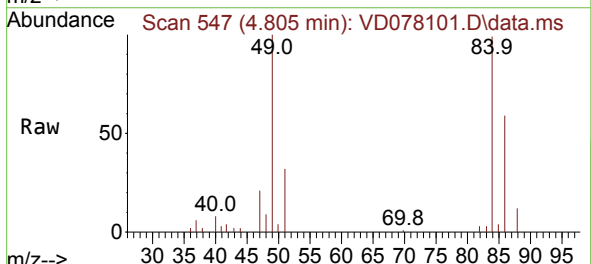
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

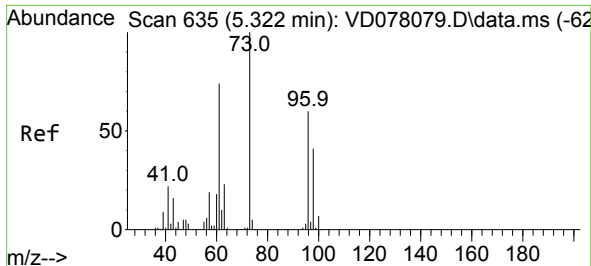
Tgt Ion: 73 Resp: 65631
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#20
Methylene Chloride
Concen: 21.112 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 84 Resp: 40255
Ion Ratio Lower Upper
84 100
49 101.3 71.4 107.2
51 32.5 24.5 36.7
86 59.3 48.7 73.1

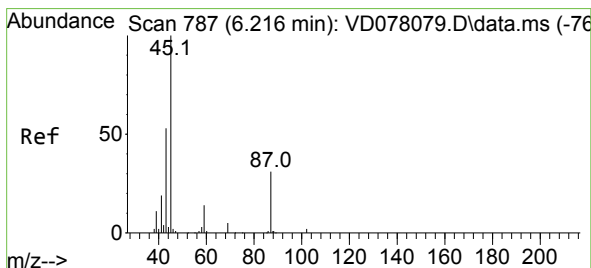
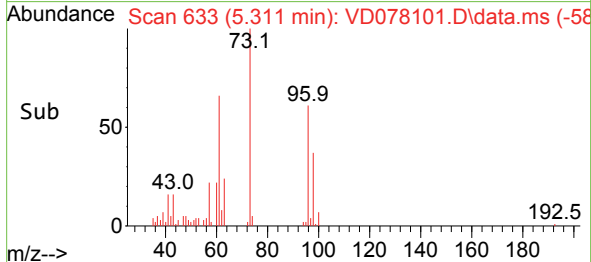
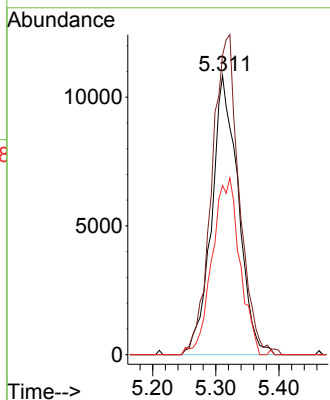
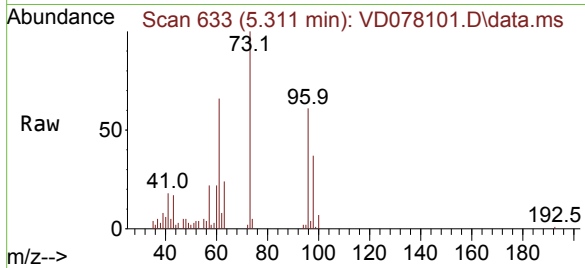




#21
trans-1,2-Dichloroethene
Concen: 18.105 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

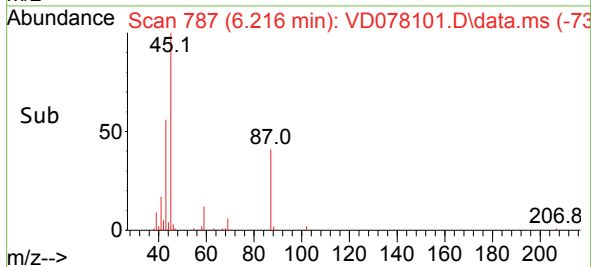
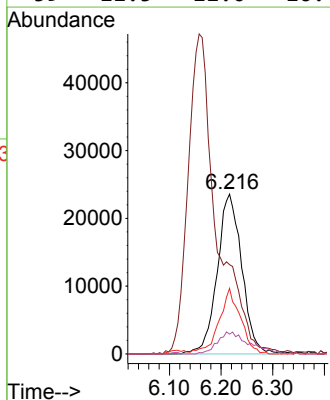
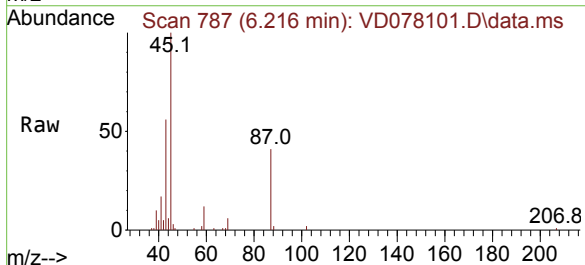
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

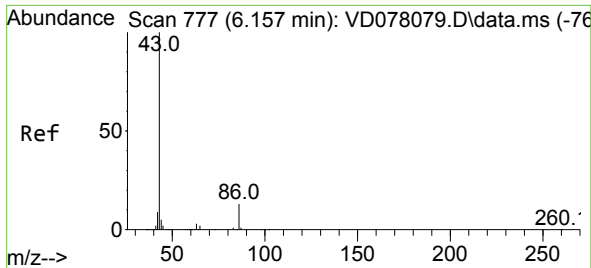
Tgt Ion: 96 Resp: 31638
Ion Ratio Lower Upper
96 100
61 107.2 89.3 133.9
98 60.6 48.6 73.0



#22
Diisopropyl ether
Concen: 18.982 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 45 Resp: 77907
Ion Ratio Lower Upper
45 100
43 54.1 40.0 60.0
87 41.0 28.2 42.4
59 11.5 11.0 16.4

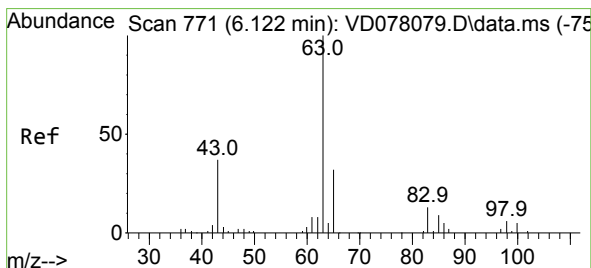
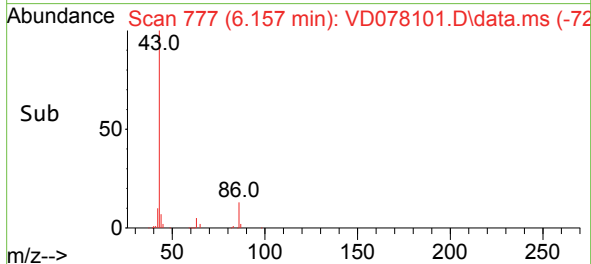
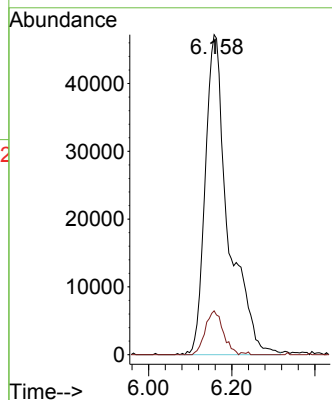
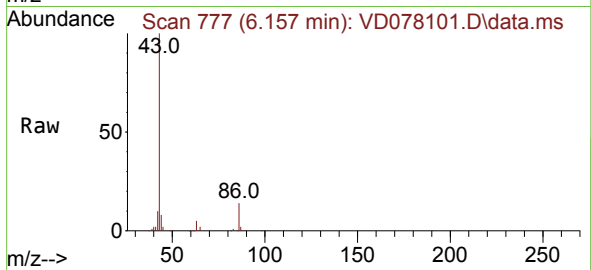




#23
 Vinyl Acetate
 Concen: 115.759 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

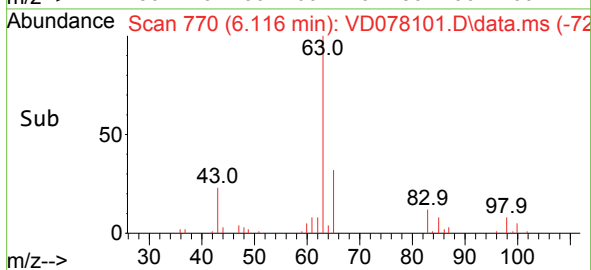
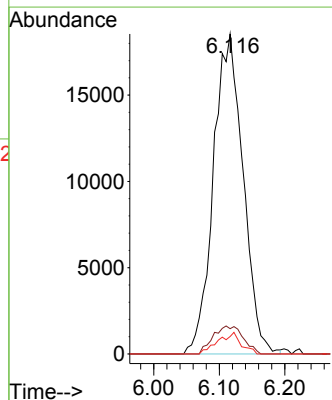
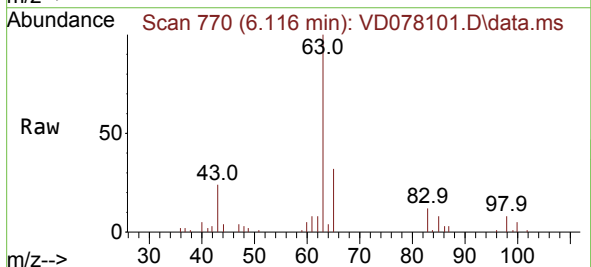
Instrument :
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 ClientSampleId :
 VD1229SBS02

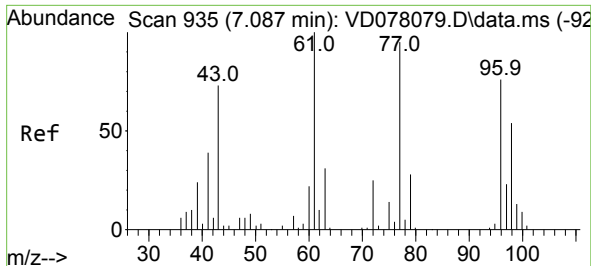
Tgt Ion: 43 Resp: 181635
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.225 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion: 63 Resp: 58393
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 5.4 2.5 7.5

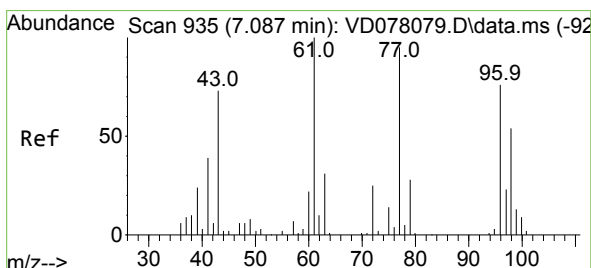
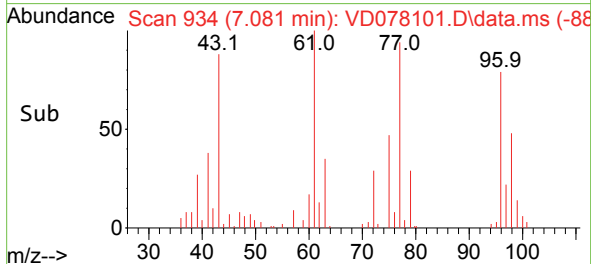
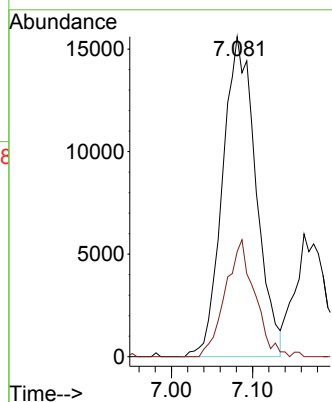
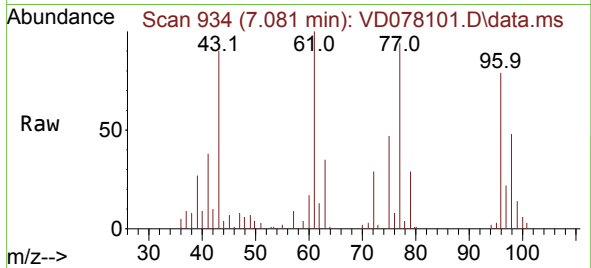




#25
2-Butanone
Concen: 110.553 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

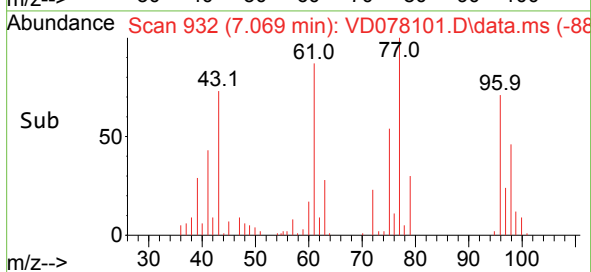
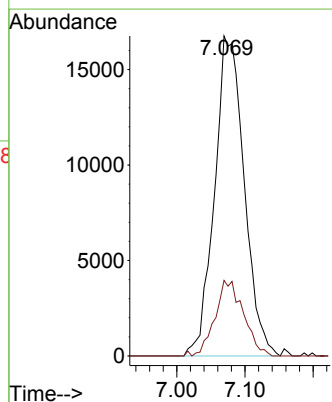
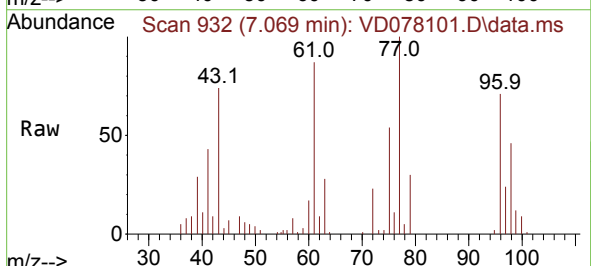
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

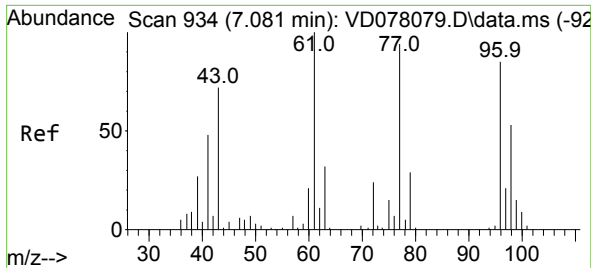
Tgt Ion: 43 Resp: 44547
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 18.582 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.017 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 77 Resp: 50707
Ion Ratio Lower Upper
77 100
97 22.6 13.2 39.6

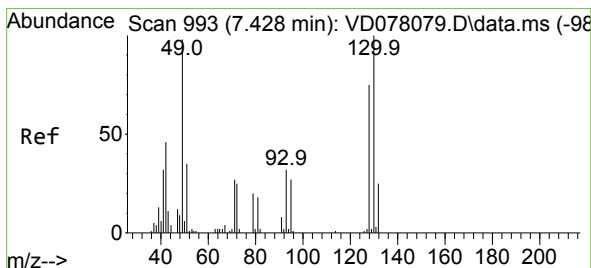
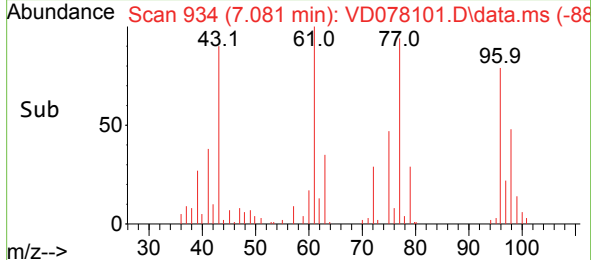
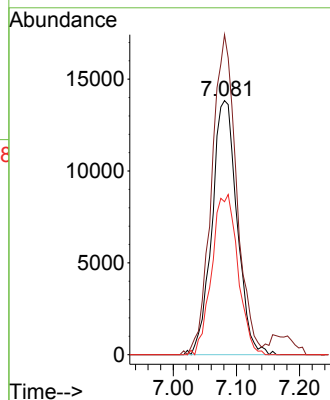
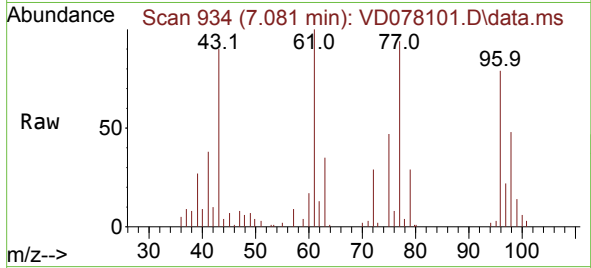




#27
 cis-1,2-Dichloroethene
 Concen: 18.404 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

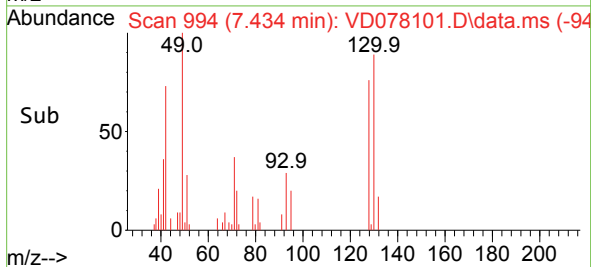
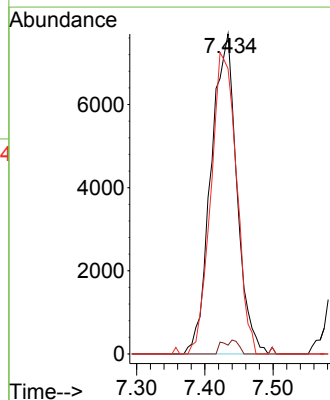
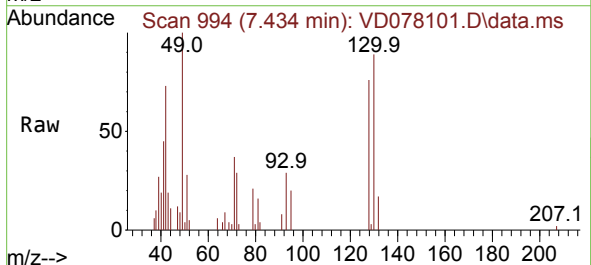
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

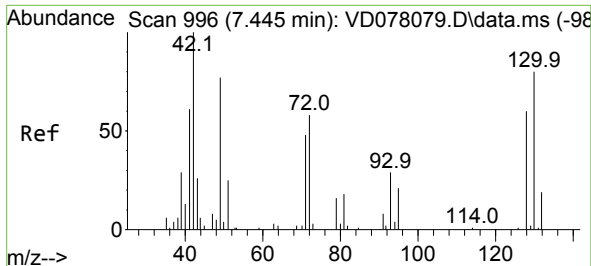
Tgt Ion: 96 Resp: 38154
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 239.2
 98 65.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 18.721 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion: 49 Resp: 20343
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 93.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 85.851 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

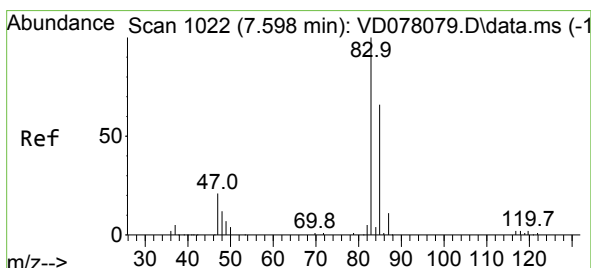
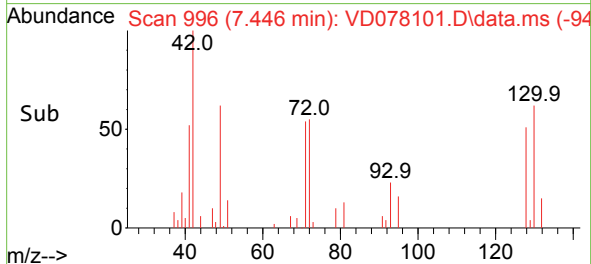
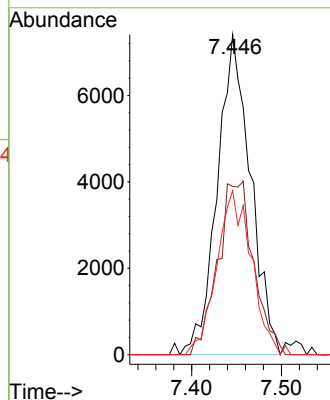
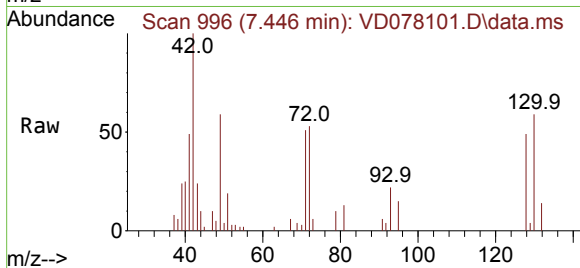
Tgt Ion: 42 Resp: 19022

Ion Ratio Lower Upper

42 100

72 58.7 46.5 69.7

71 53.9 44.5 66.7



#30

Chloroform

Concen: 19.255 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078101.D

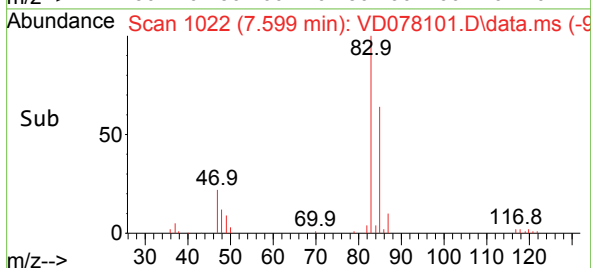
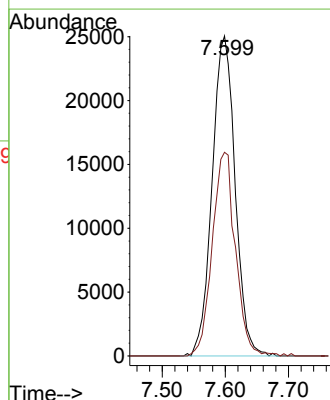
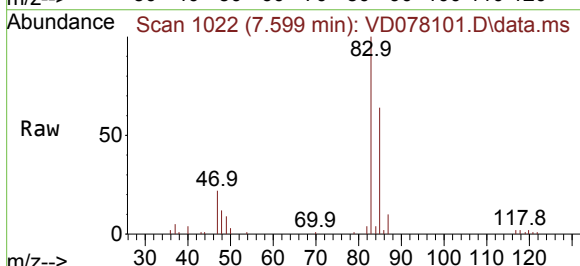
Acq: 29 Dec 2023 11:23

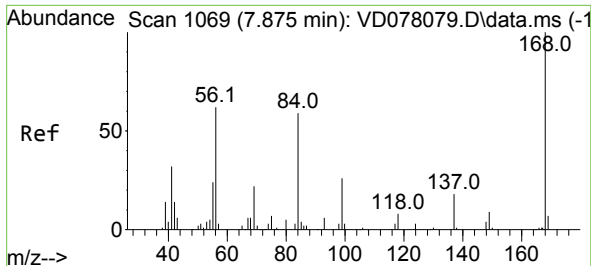
Tgt Ion: 83 Resp: 63379

Ion Ratio Lower Upper

83 100

85 63.7 53.4 80.2

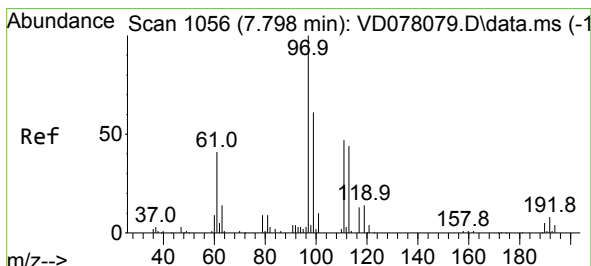
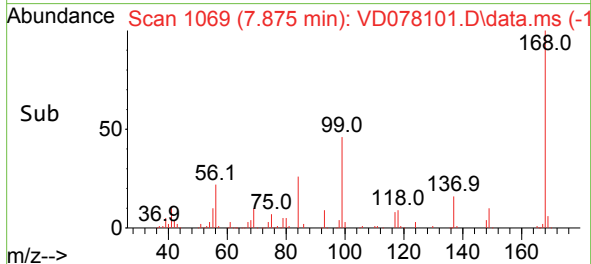
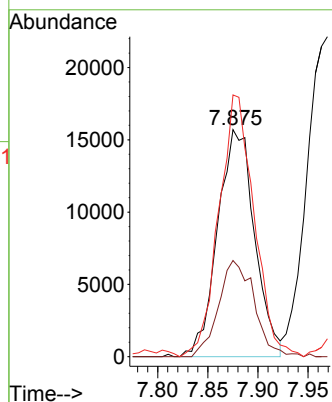
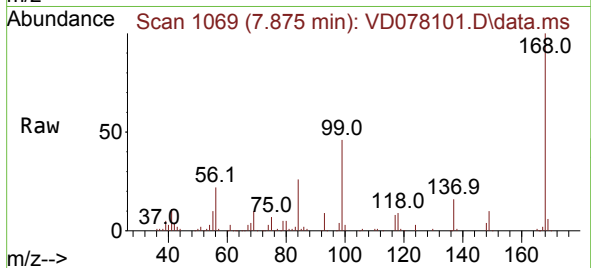




#31
Cyclohexane
Concen: 17.628 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

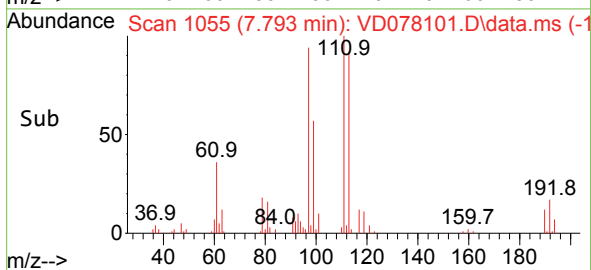
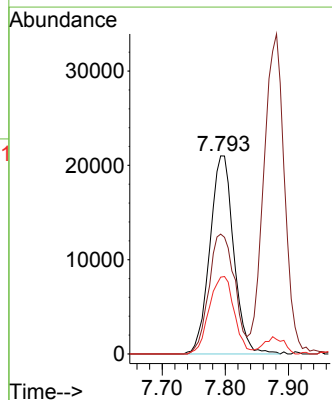
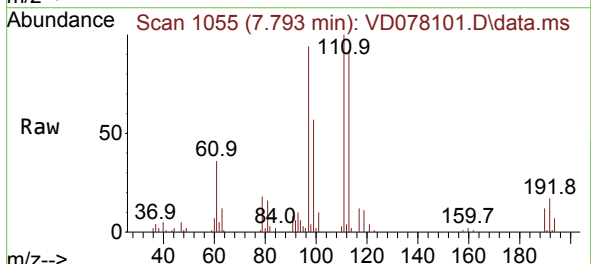
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

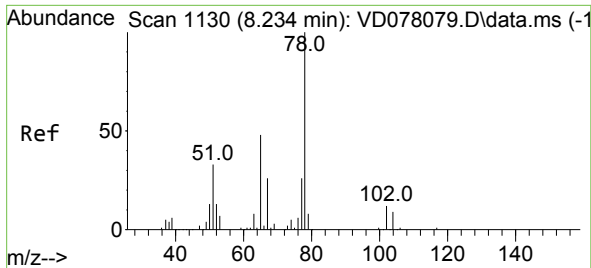
Tgt Ion: 56 Resp: 40249
Ion Ratio Lower Upper
56 100
69 42.4 28.6 43.0
84 115.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.478 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 97 Resp: 55100
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 41.1 33.8 50.8

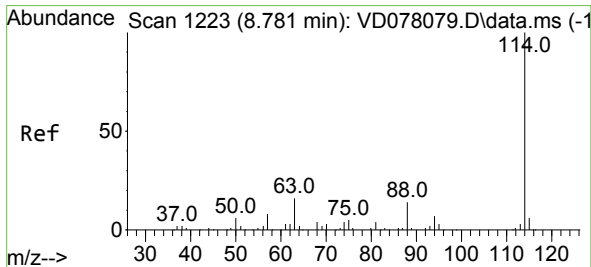
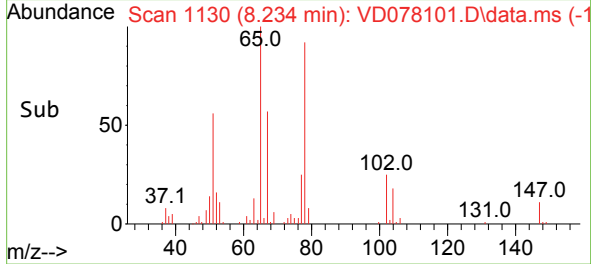
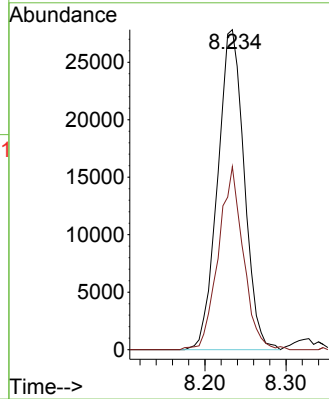
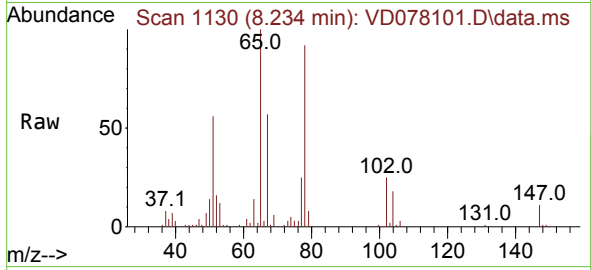




#33
 1,2-Dichloroethane-d4
 Concen: 44.207 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

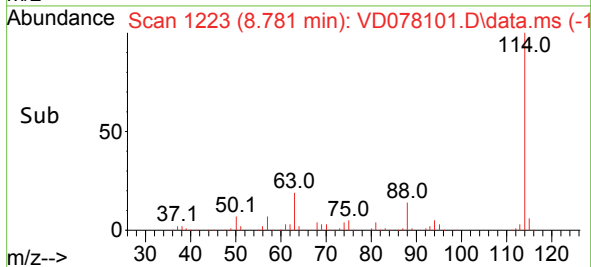
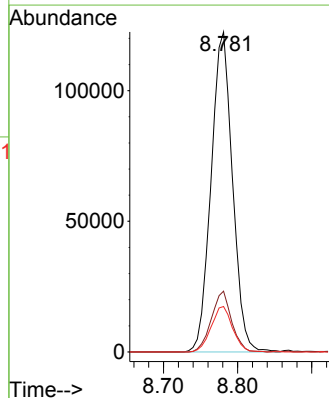
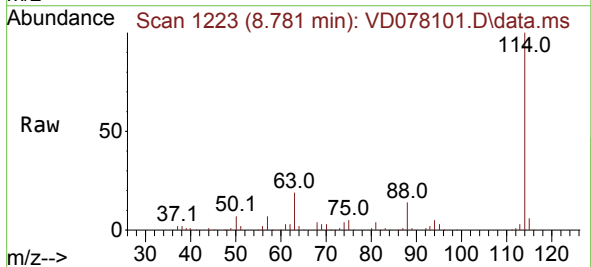
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

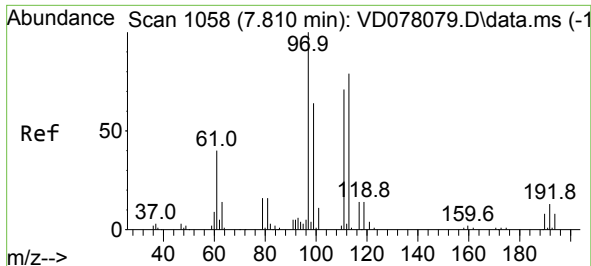
Tgt Ion: 65 Resp: 63274
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion: 114 Resp: 245659
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 33.4
 88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.985 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

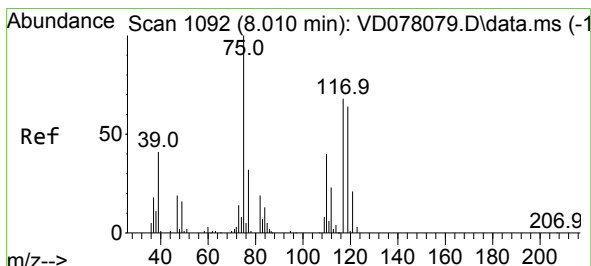
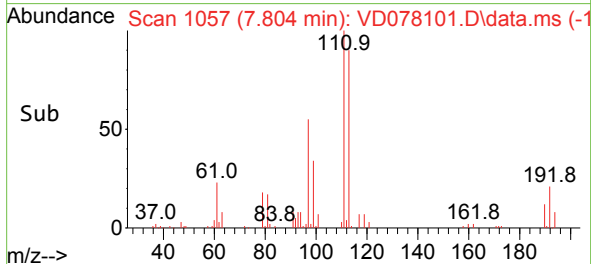
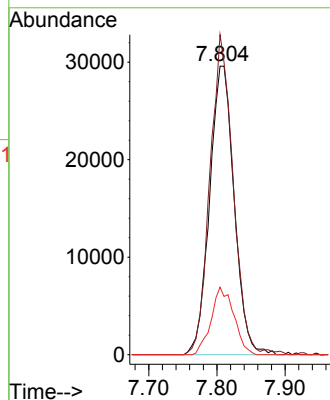
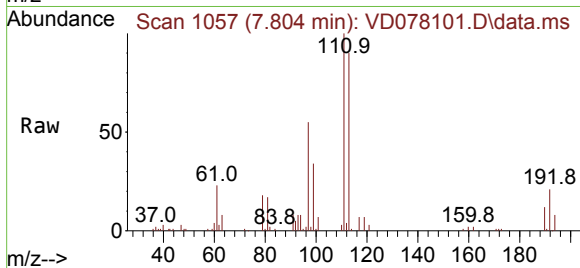
Tgt Ion:113 Resp: 74266

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 21.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.249 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

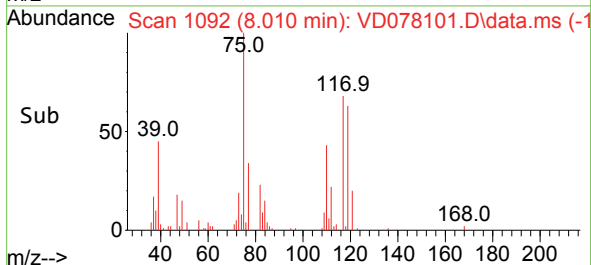
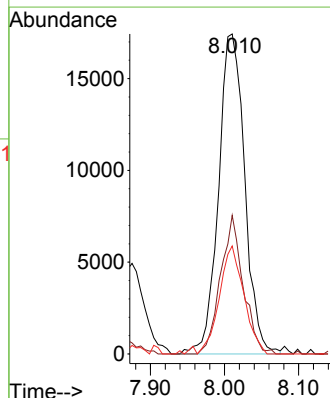
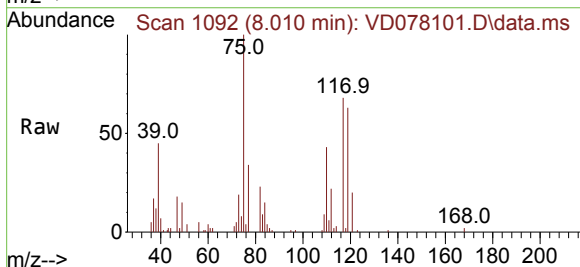
Tgt Ion: 75 Resp: 42809

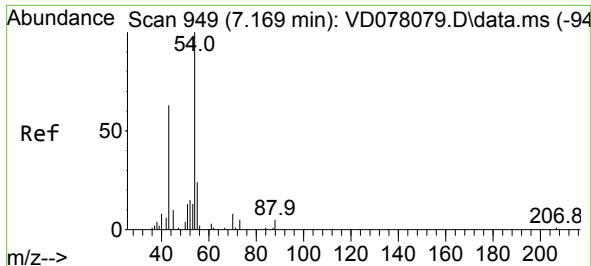
Ion Ratio Lower Upper

75 100

110 37.5 19.9 59.6

77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 20.607 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

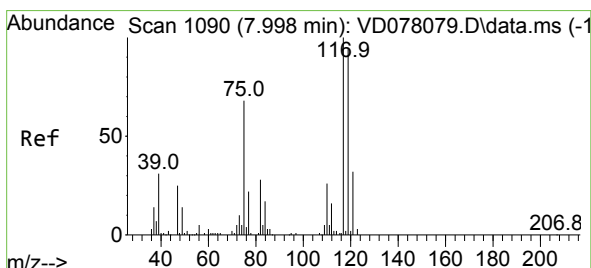
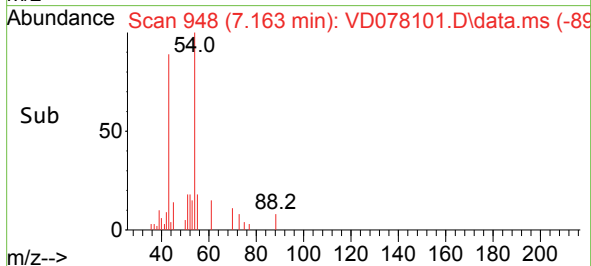
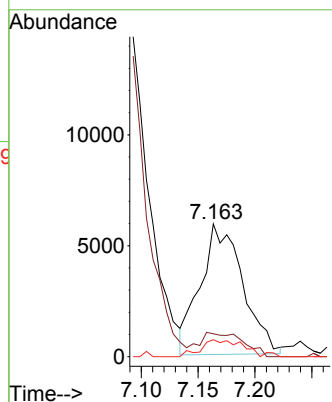
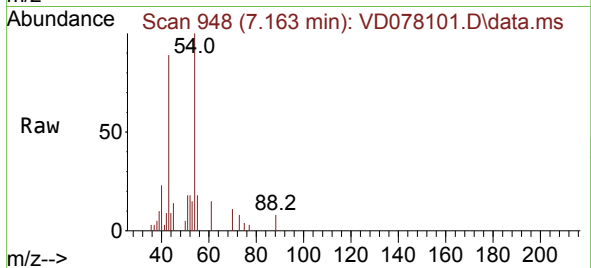
Tgt Ion: 43 Resp: 15243

Ion Ratio Lower Upper

43 100

61 19.1 14.9 22.3

70 13.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.318 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

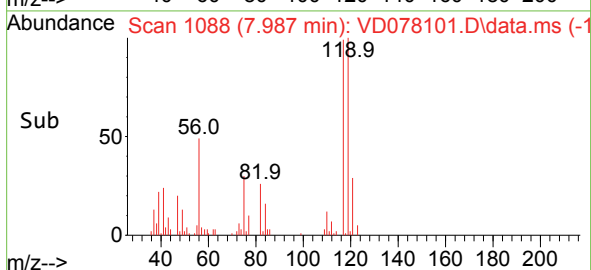
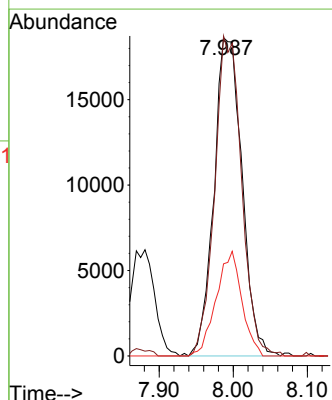
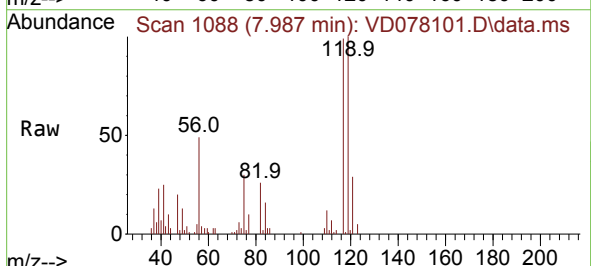
Tgt Ion: 117 Resp: 48965

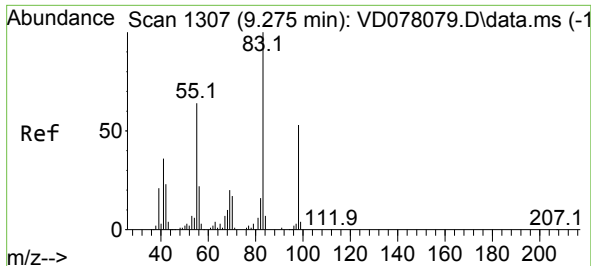
Ion Ratio Lower Upper

117 100

119 100.6 78.0 117.0

121 29.0 24.2 36.2

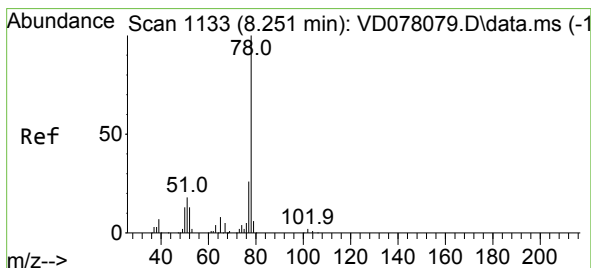
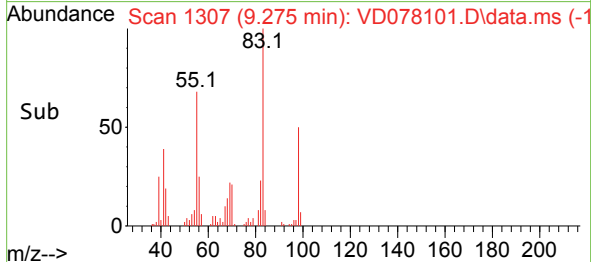
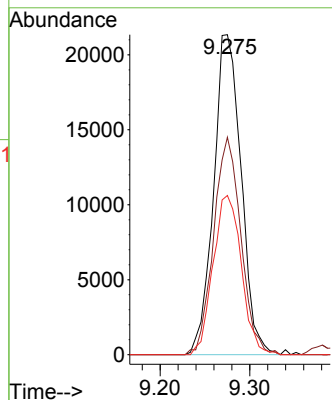
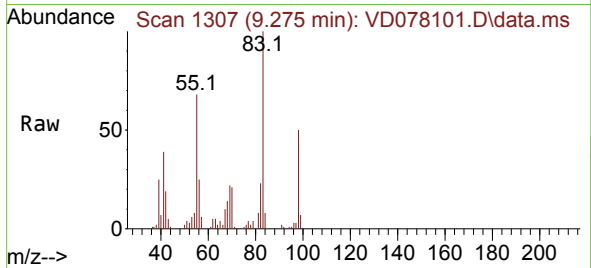




#39
Methylcyclohexane
Concen: 17.824 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

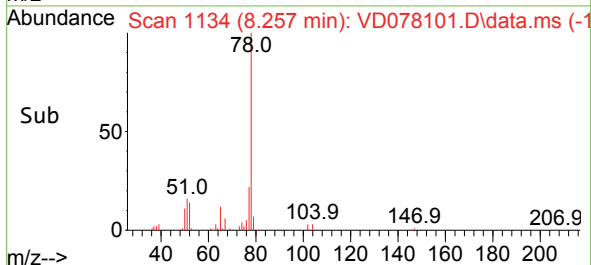
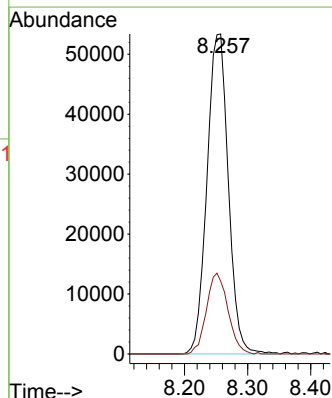
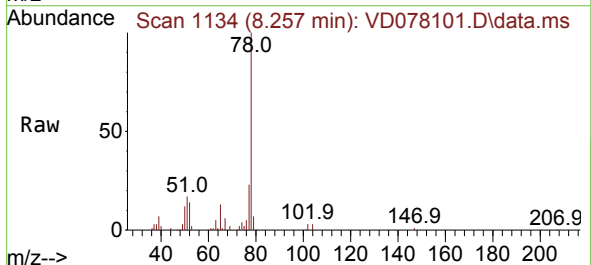
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

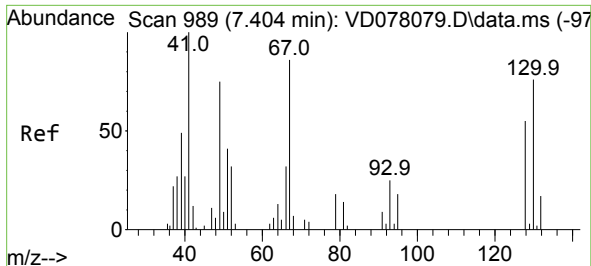
Tgt Ion: 83 Resp: 45448
Ion Ratio Lower Upper
83 100
55 68.0 49.4 74.0
98 49.8 38.4 57.6



#40
Benzene
Concen: 19.553 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 78 Resp: 125335
Ion Ratio Lower Upper
78 100
77 22.8 19.4 29.0

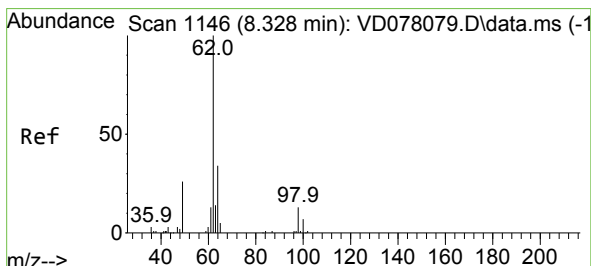
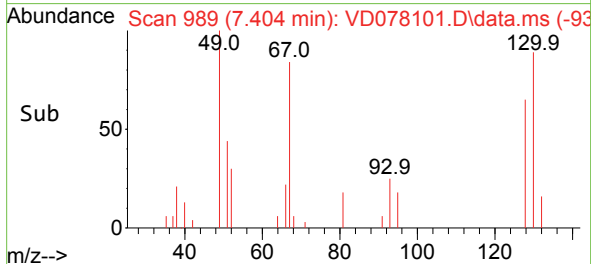
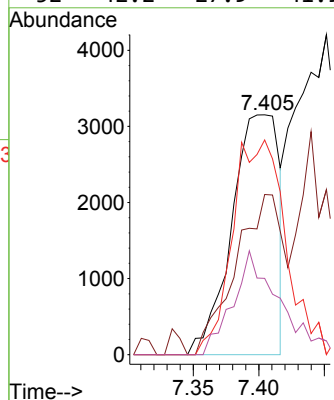
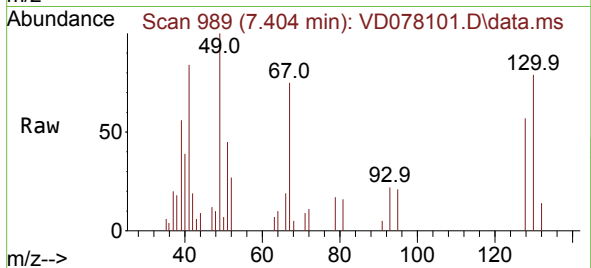




#41
Methacrylonitrile
Concen: 16.922 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

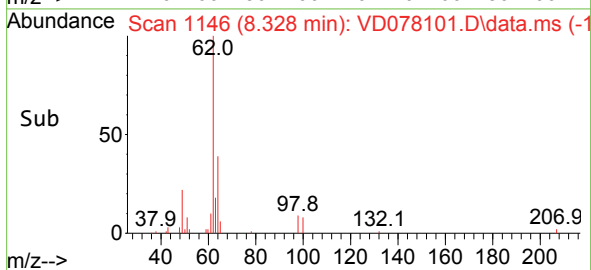
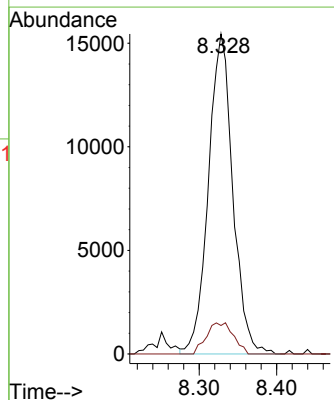
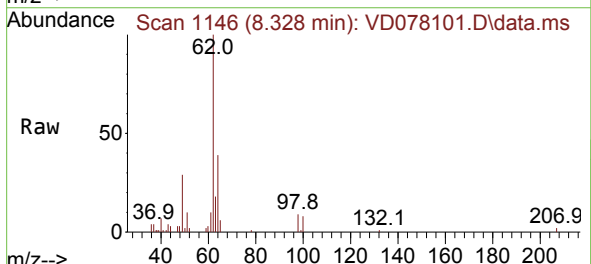
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

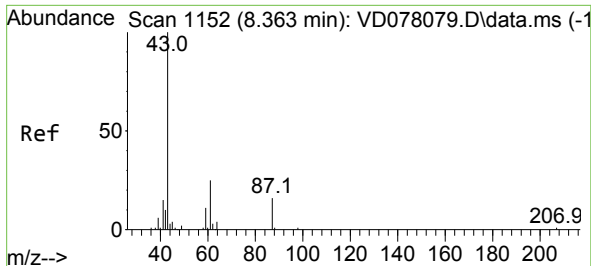
Tgt Ion: 41 Resp: 7919
Ion Ratio Lower Upper
41 100
39 67.2 34.0 51.0#
67 100.8 77.0 115.4
52 42.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.518 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 62 Resp: 33812
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

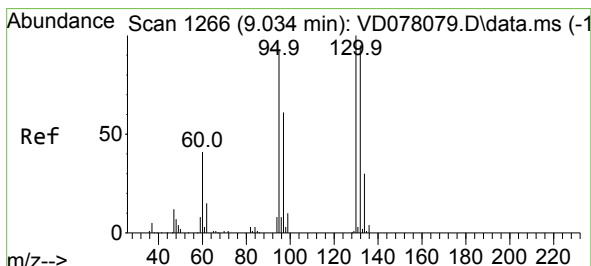
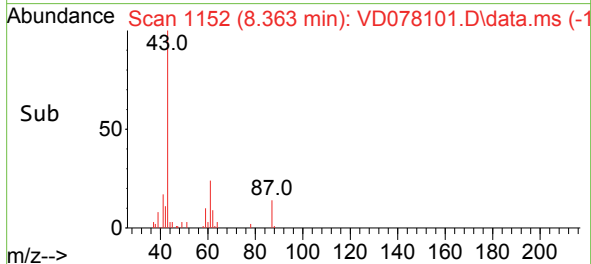
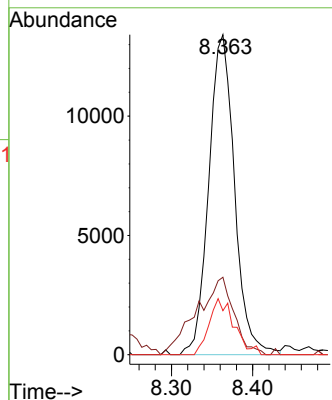
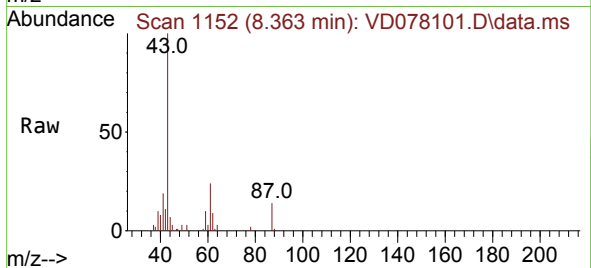




#43
Isopropyl Acetate
Concen: 19.994 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

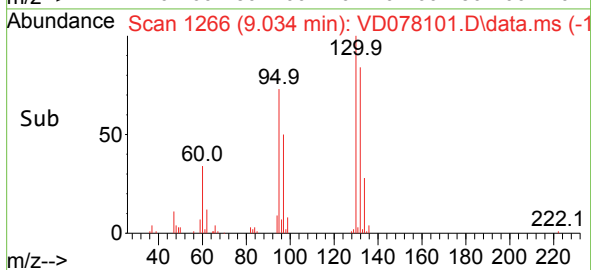
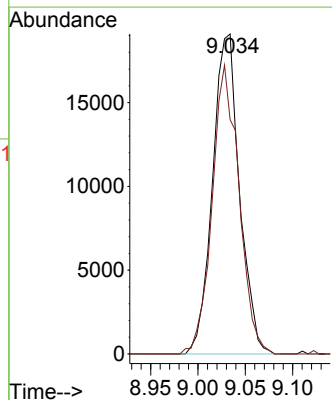
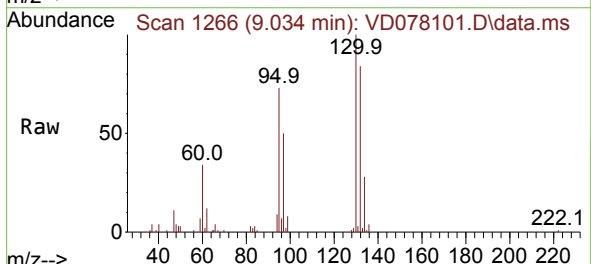
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

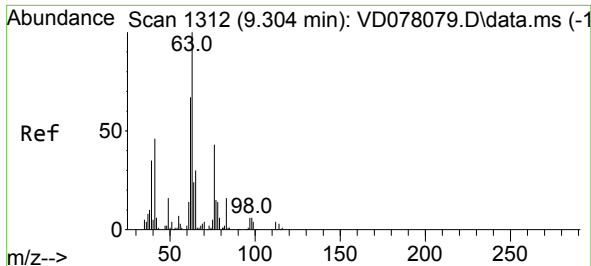
Tgt Ion: 43 Resp: 29609
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 17.0 14.9 22.3



#44
Trichloroethene
Concen: 20.513 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:130 Resp: 37829
Ion Ratio Lower Upper
130 100
95 73.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.988 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

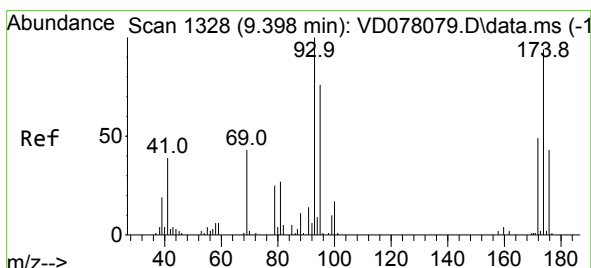
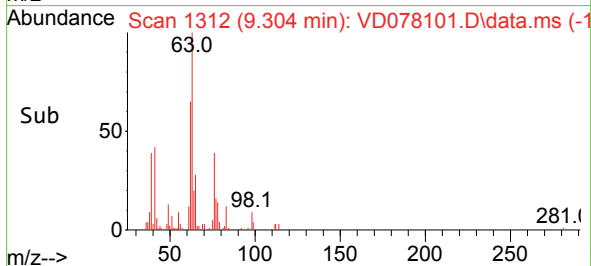
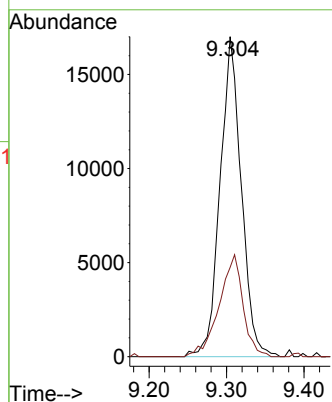
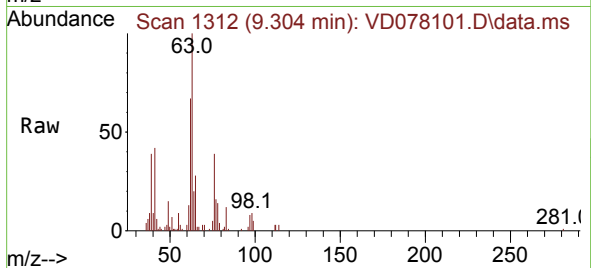
VD1229SBS02

Tgt Ion: 63 Resp: 32466

Ion Ratio Lower Upper

63 100

65 27.9 24.5 36.7



#46

Dibromomethane

Concen: 20.874 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

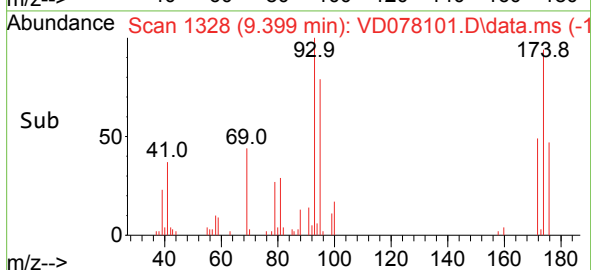
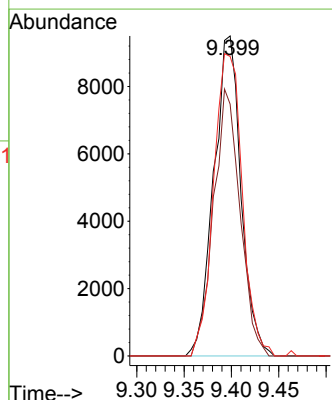
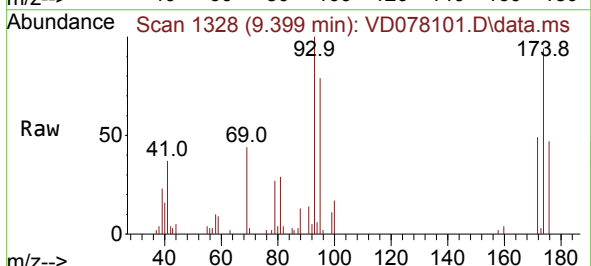
Tgt Ion: 93 Resp: 18990

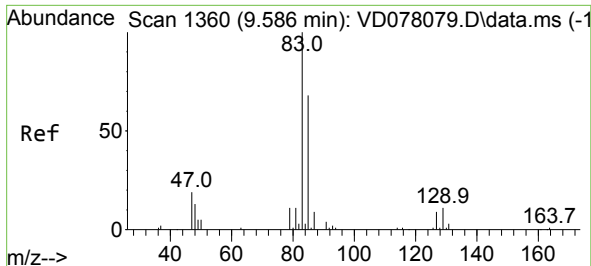
Ion Ratio Lower Upper

93 100

95 81.3 67.7 101.5

174 99.3 85.4 128.2





#47

Bromodichloromethane

Concen: 20.314 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

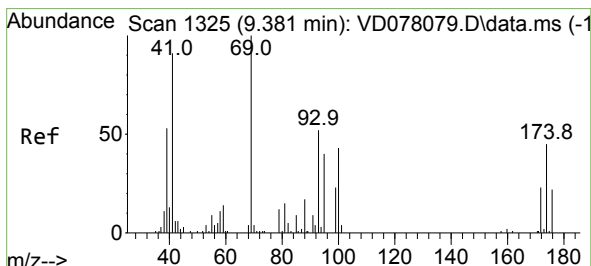
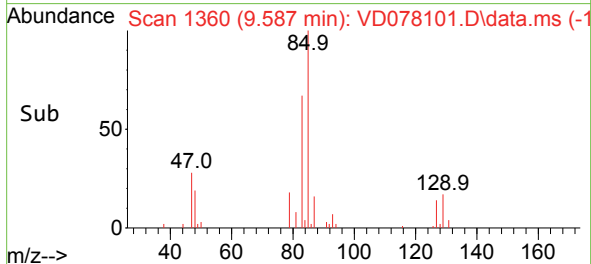
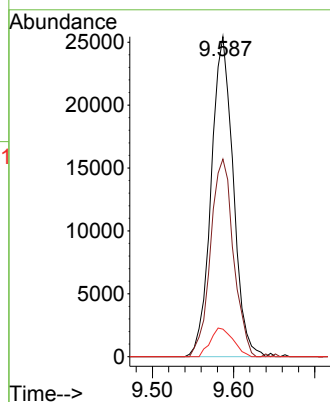
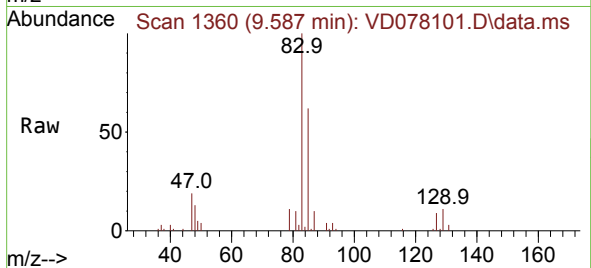
Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

Tgt Ion:	83	Resp:	48004
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.2	75.4
127	8.6	6.3	9.5



#48

Methyl methacrylate

Concen: 21.083 ug/l

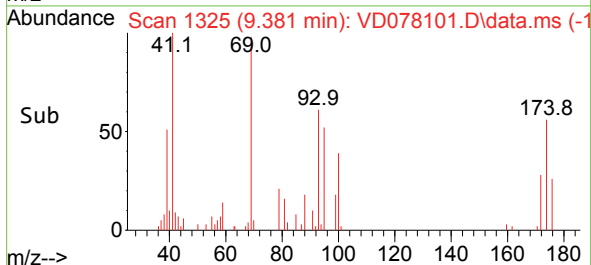
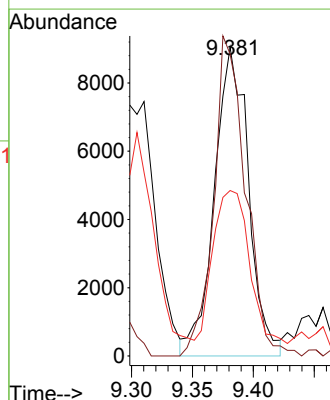
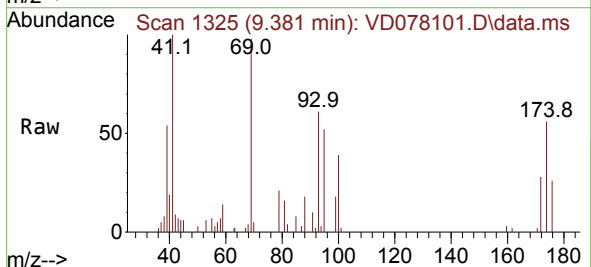
RT: 9.381 min Scan# 1325

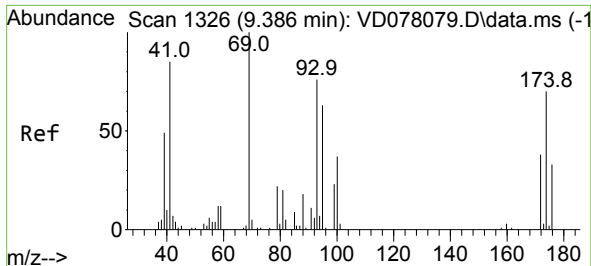
Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Tgt Ion:	41	Resp:	17596
Ion	Ratio	Lower	Upper
41	100		
69	97.0	102.2	153.2#
39	61.8	41.4	62.2





#49

1,4-Dioxane

Concen: 431.855 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

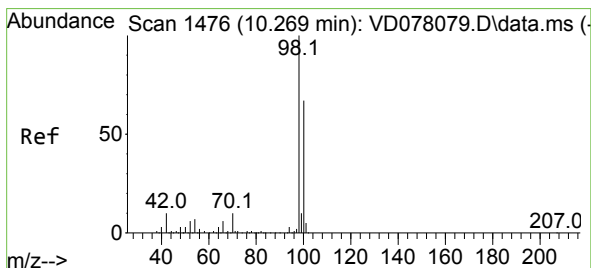
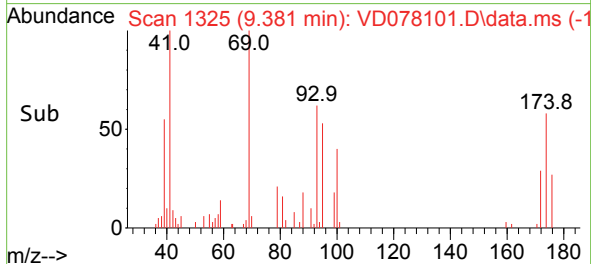
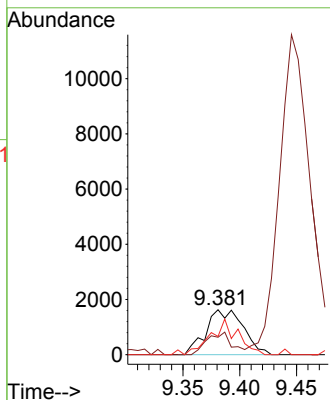
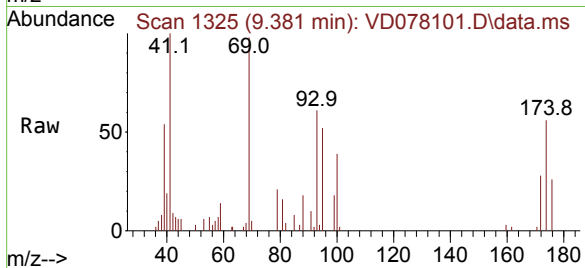
Tgt Ion: 88 Resp: 3714

Ion Ratio Lower Upper

88 100

43 33.4 19.0 28.6#

58 58.6 43.5 65.3



#50

Toluene-d8

Concen: 48.118 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078101.D

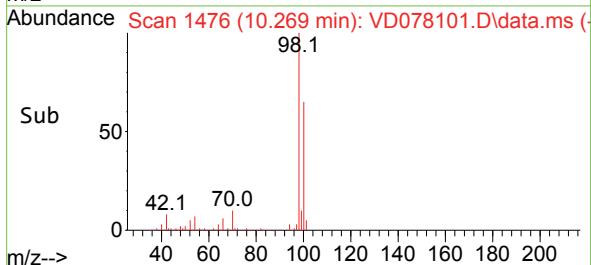
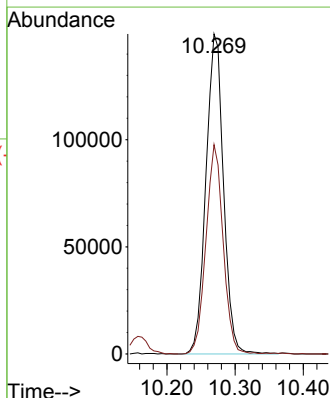
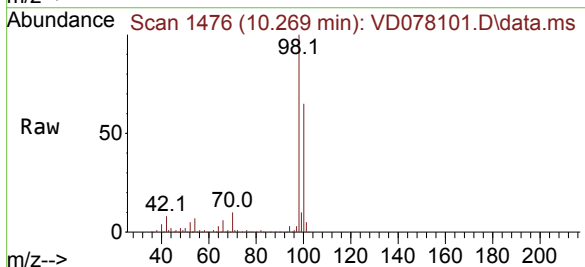
Acq: 29 Dec 2023 11:23

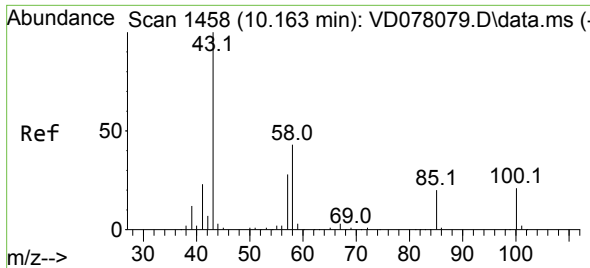
Tgt Ion: 98 Resp: 267625

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

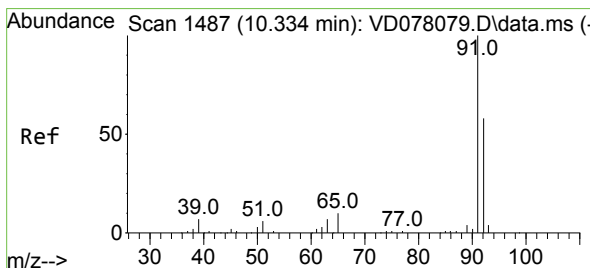
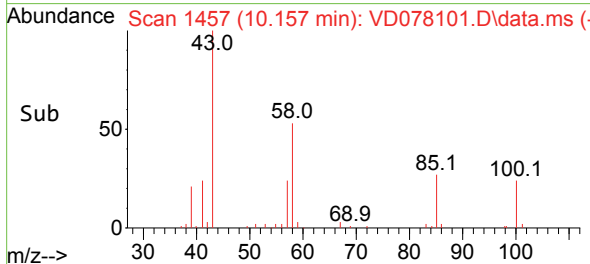
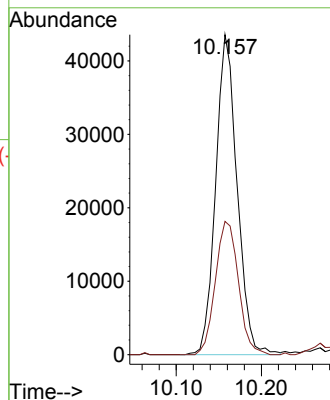
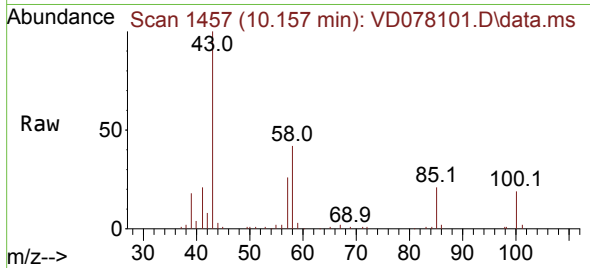




#51
4-Methyl-2-Pentanone
Concen: 100.238 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

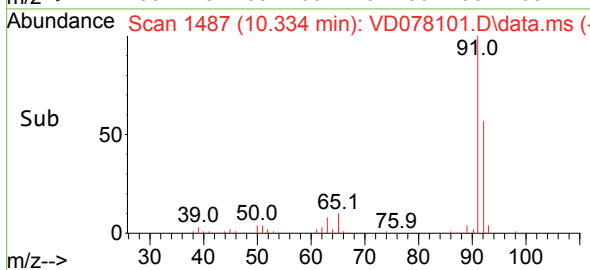
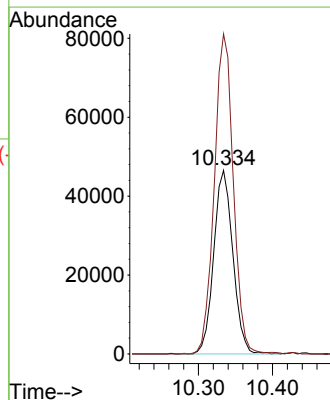
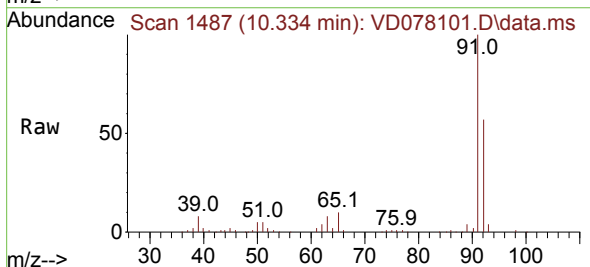
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

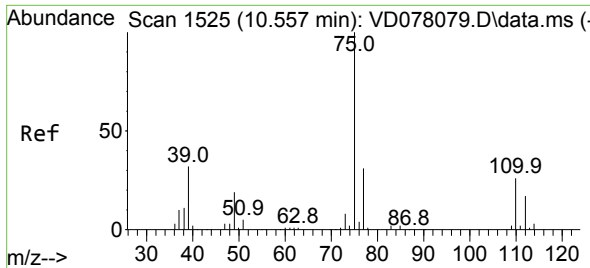
Tgt Ion: 43 Resp: 76168
Ion Ratio Lower Upper
43 100
58 44.8 38.9 58.3



#52
Toluene
Concen: 20.124 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 92 Resp: 83668
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4

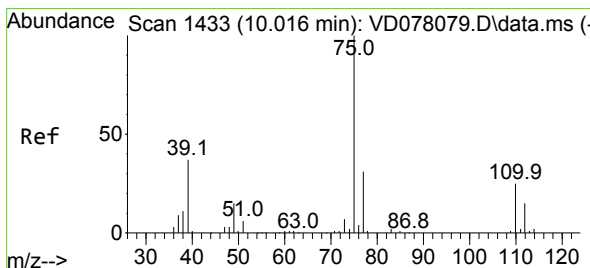
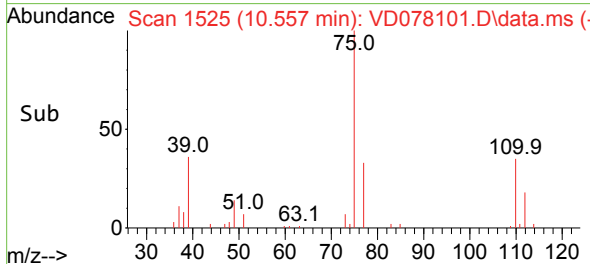
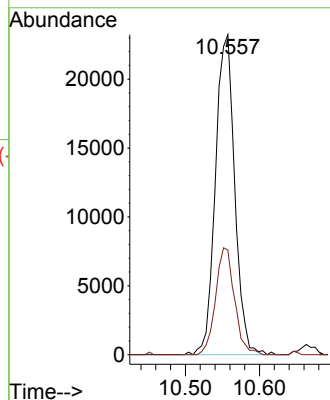
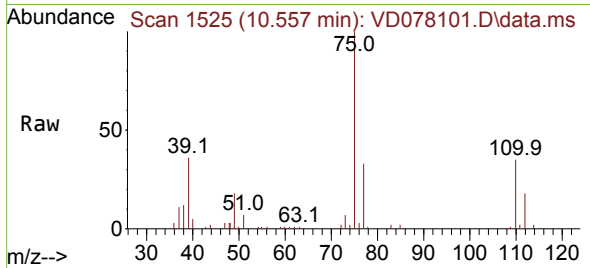




#53
 t-1,3-Dichloropropene
 Concen: 19.595 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

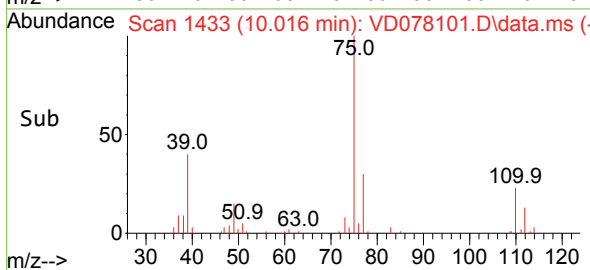
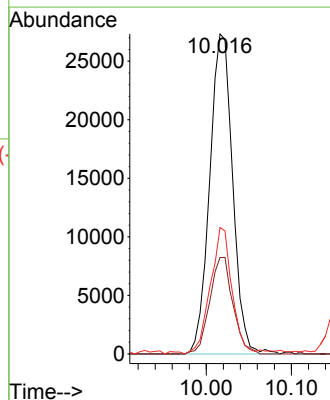
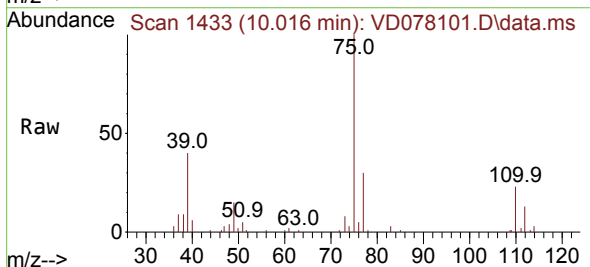
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

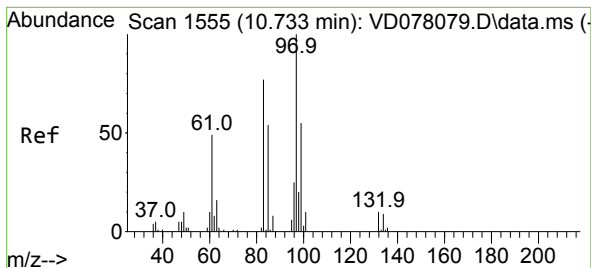
Tgt Ion: 75 Resp: 42013
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.925 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion: 75 Resp: 51301
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.5 38.3
 39 38.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.509 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

Tgt Ion: 97 Resp: 26256

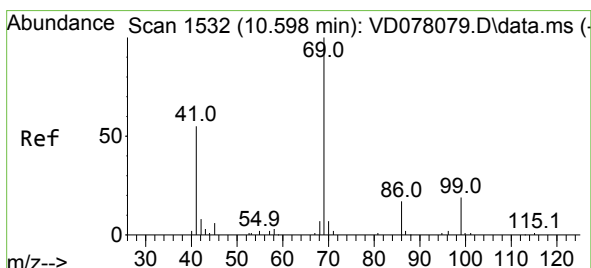
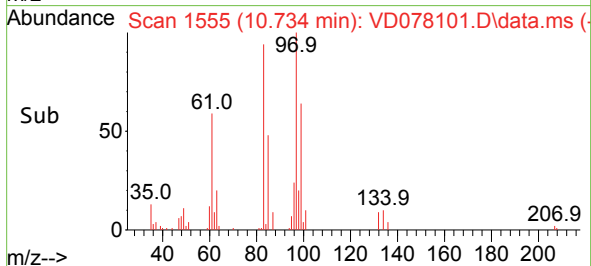
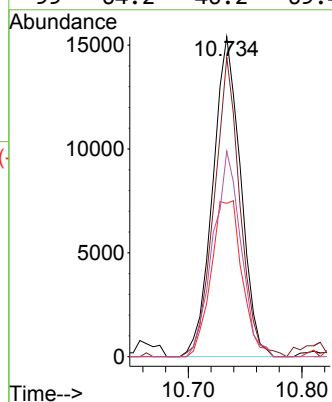
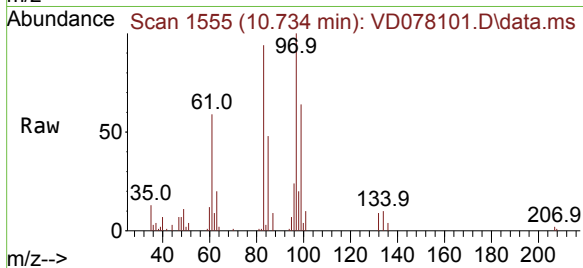
Ion Ratio Lower Upper

97 100

83 93.6 65.8 98.6

85 47.9 45.7 68.5

99 64.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.795 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

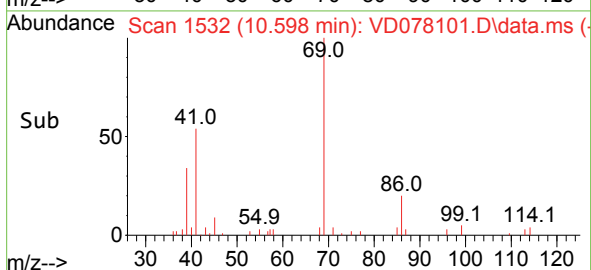
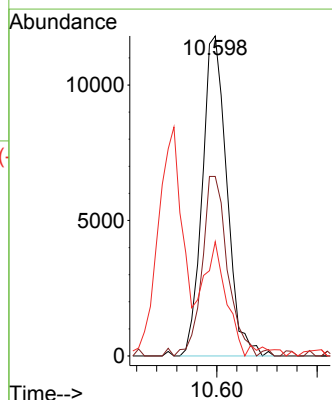
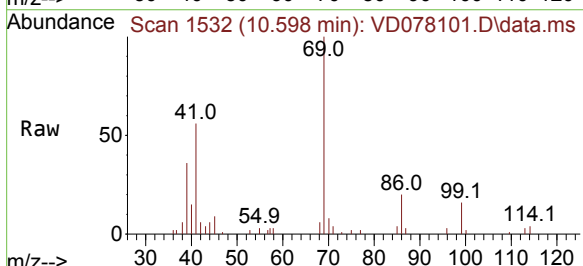
Tgt Ion: 69 Resp: 20111

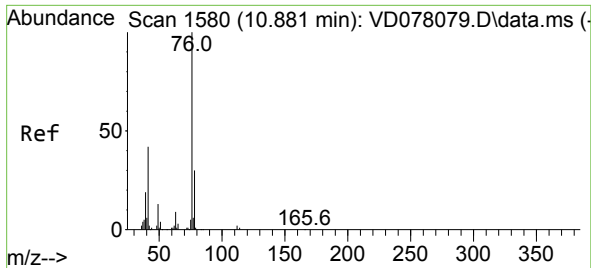
Ion Ratio Lower Upper

69 100

41 58.7 39.1 58.7#

39 30.6 20.0 30.0#

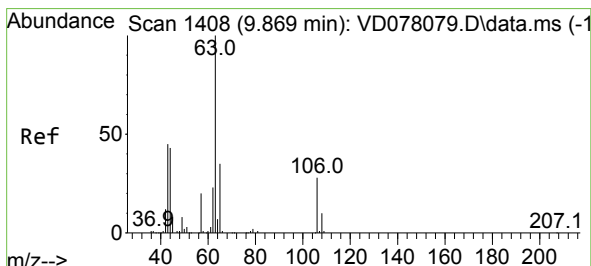
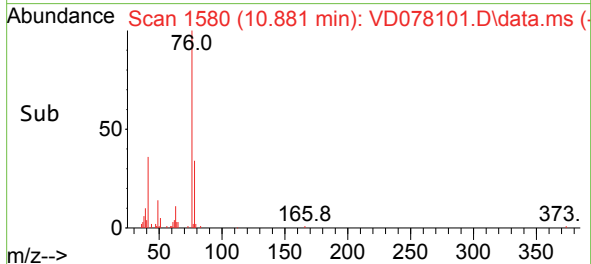
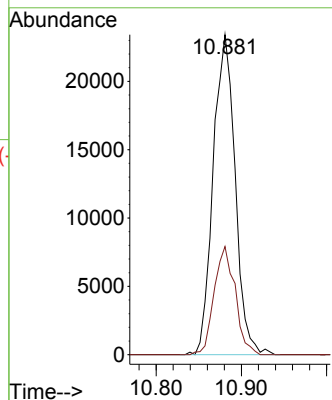
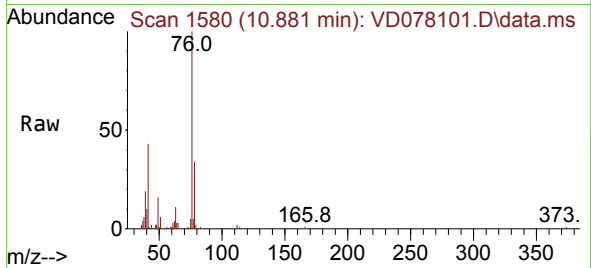




#57
1,3-Dichloropropane
Concen: 19.940 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

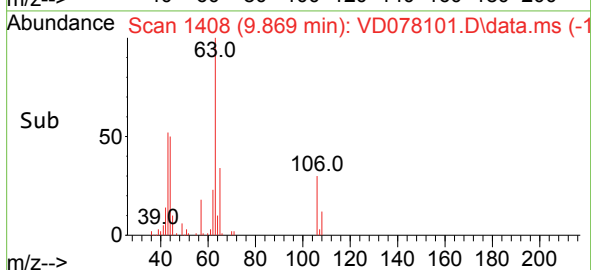
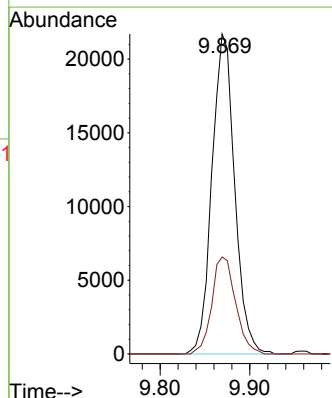
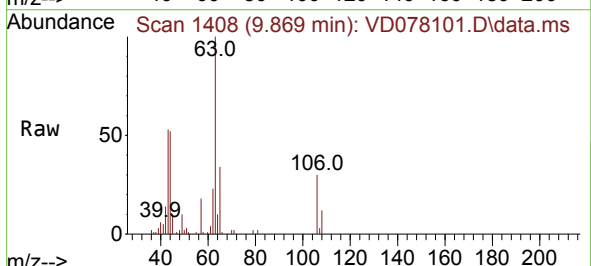
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

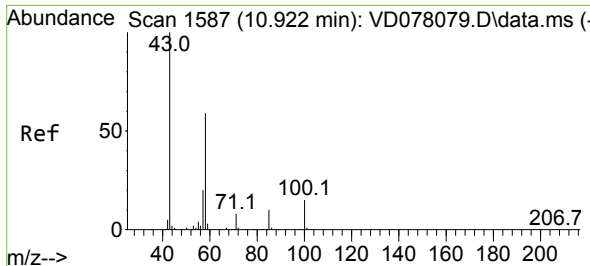
Tgt Ion: 76 Resp: 41941
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 86.703 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 63 Resp: 38137
Ion Ratio Lower Upper
63 100
106 31.7 25.3 37.9

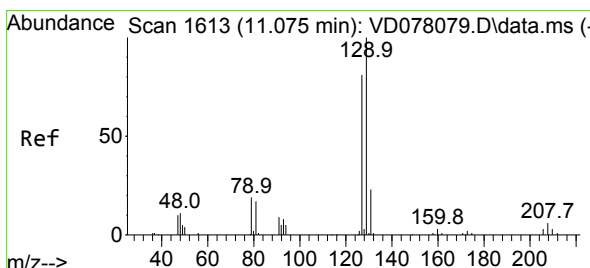
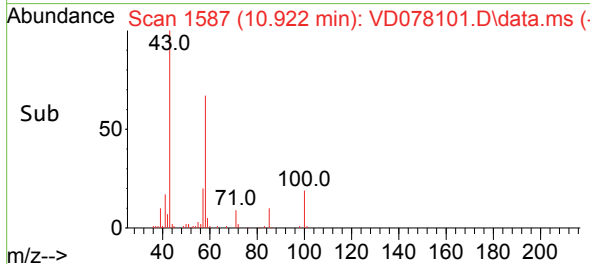
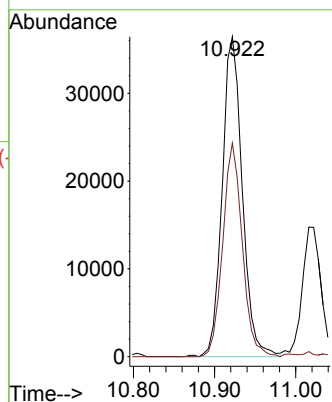
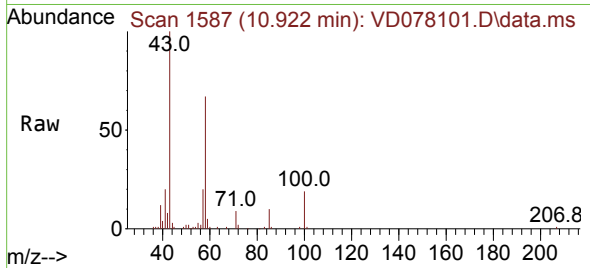




#59
2-Hexanone
Concen: 106.193 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

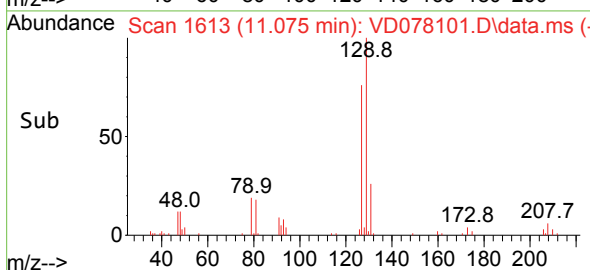
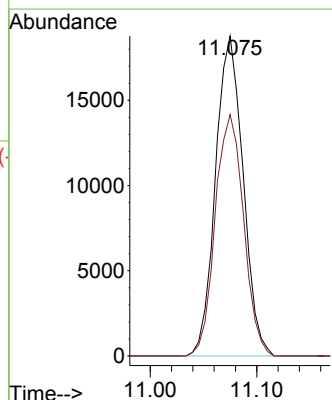
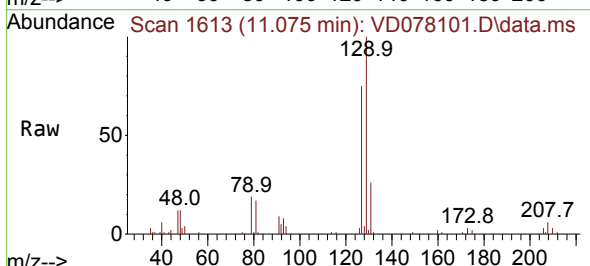
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

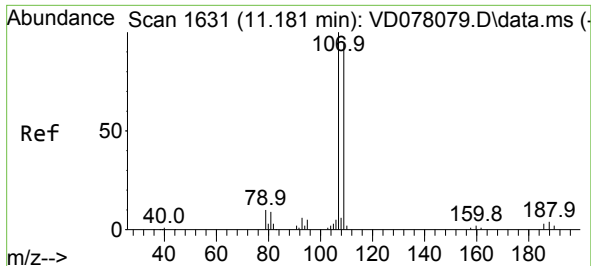
Tgt Ion: 43 Resp: 62680
Ion Ratio Lower Upper
43 100
58 64.9 34.1 102.2



#60
Dibromochloromethane
Concen: 20.661 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 129 Resp: 33696
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

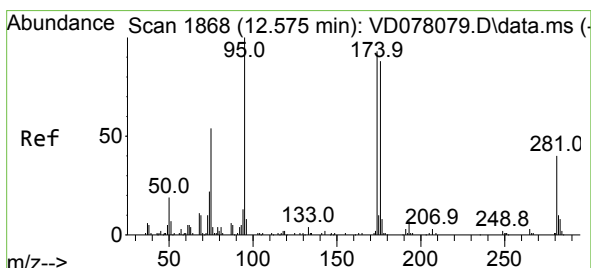
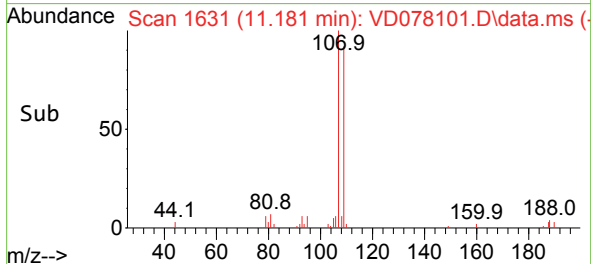
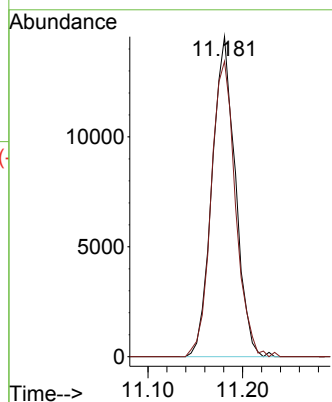
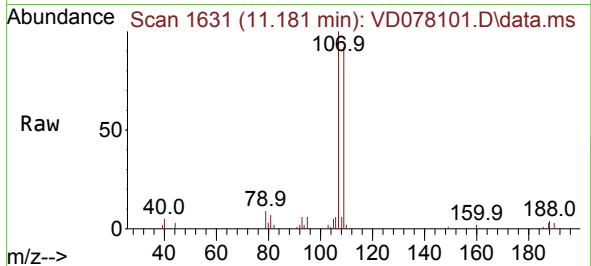




#61
1,2-Dibromoethane
Concen: 20.313 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

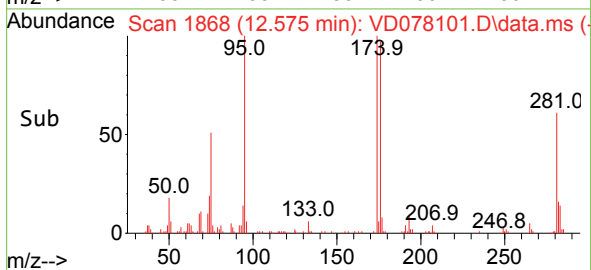
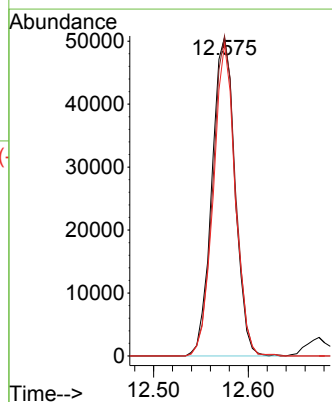
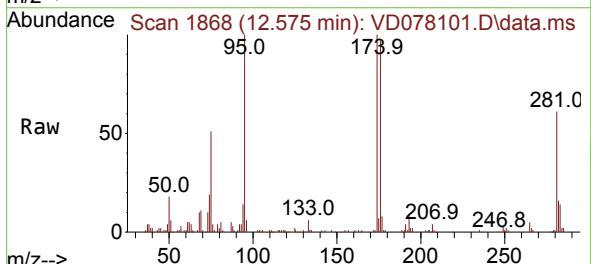
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

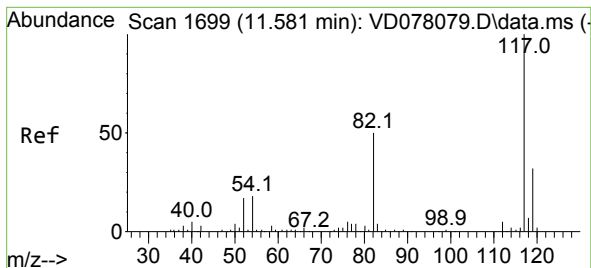
Tgt Ion:107 Resp: 24931
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.540 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 95 Resp: 85075
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 93.1 0.0 191.8

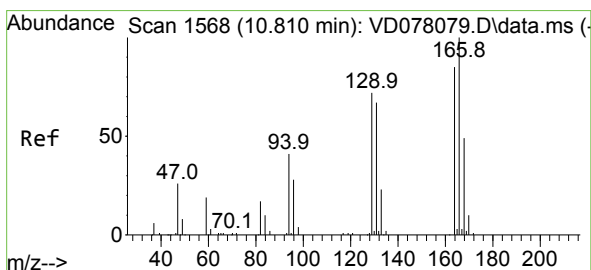
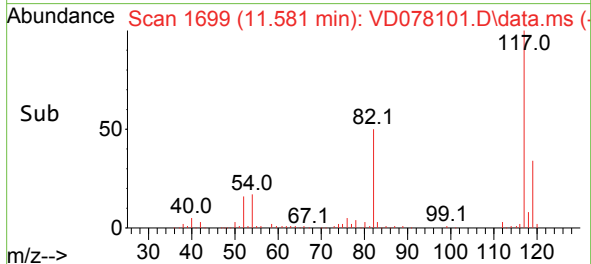
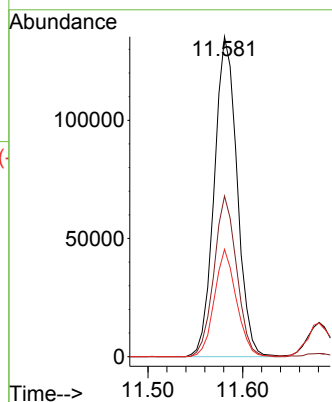
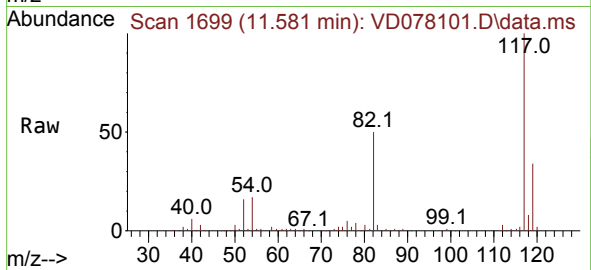




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

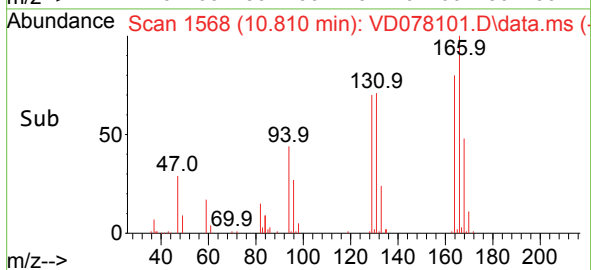
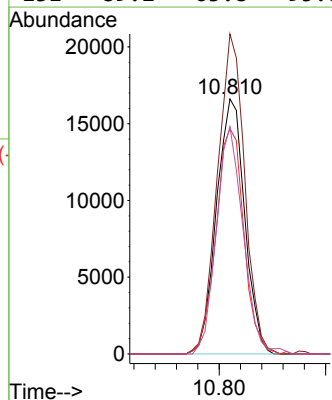
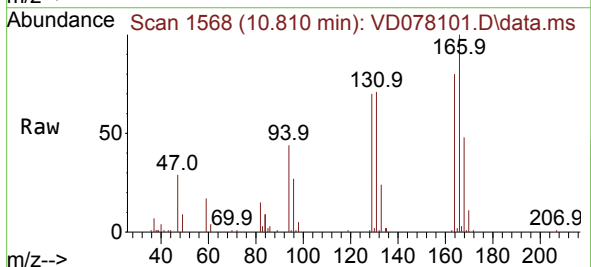
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

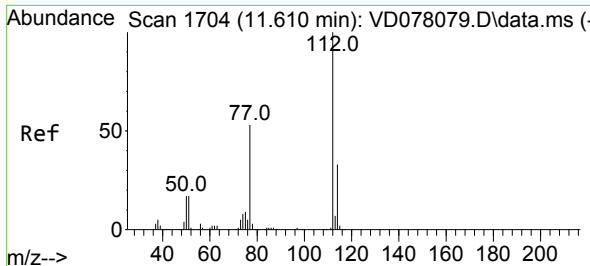
Tgt Ion:117 Resp: 226668
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 33.5 25.0 37.4



#64
Tetrachloroethene
Concen: 19.879 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:164 Resp: 30447
Ion Ratio Lower Upper
164 100
166 125.5 99.2 148.8
129 88.4 68.4 102.6
131 89.2 63.8 95.8

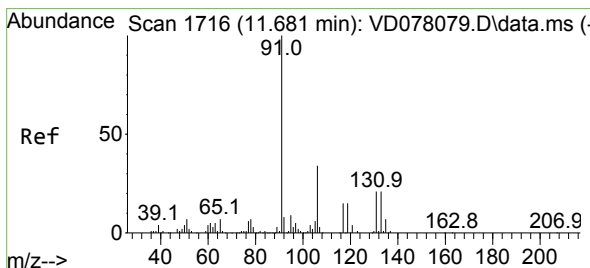
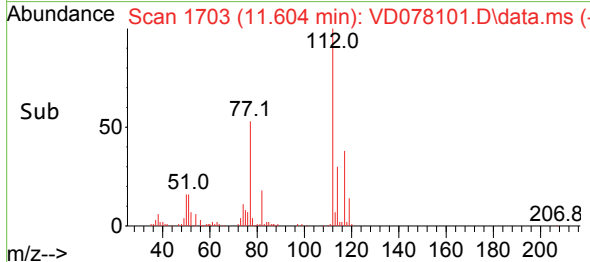
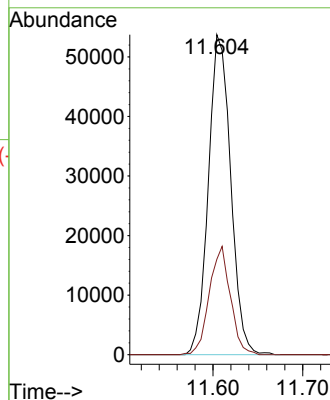
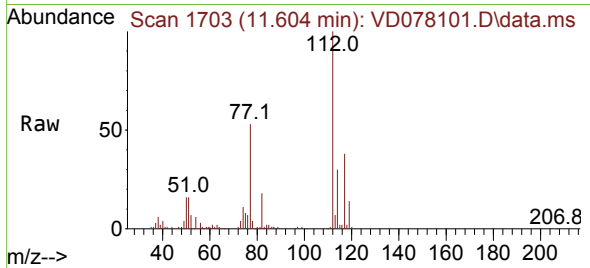




#65
Chlorobenzene
Concen: 19.279 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

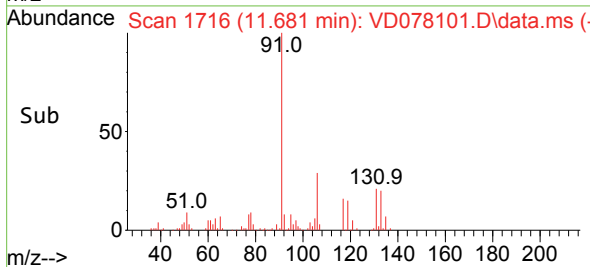
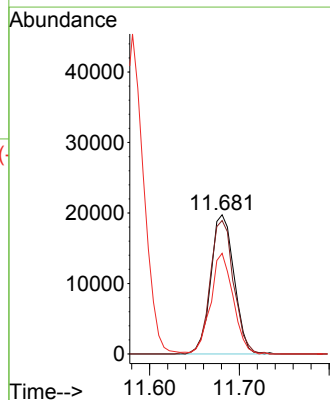
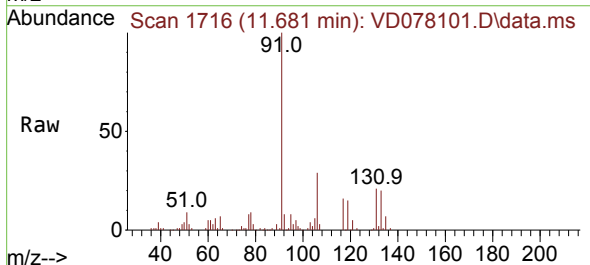
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

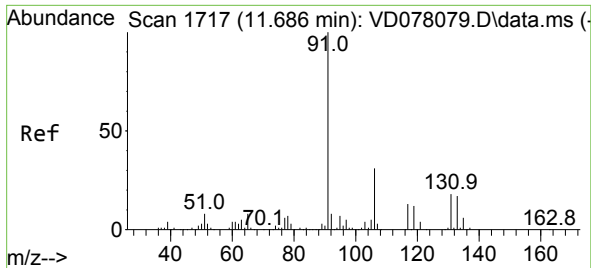
Tgt Ion:112 Resp: 92840
Ion Ratio Lower Upper
112 100
114 29.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.510 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:131 Resp: 35559
Ion Ratio Lower Upper
131 100
133 97.2 48.5 145.5
119 70.4 35.6 106.9

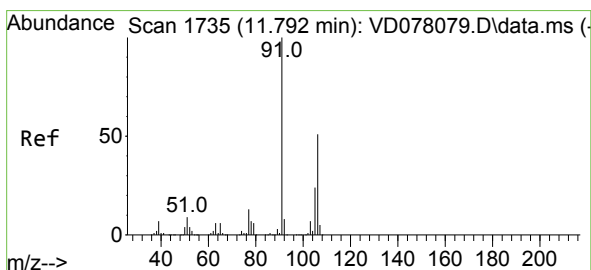
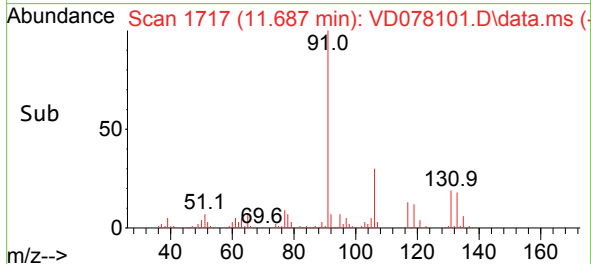
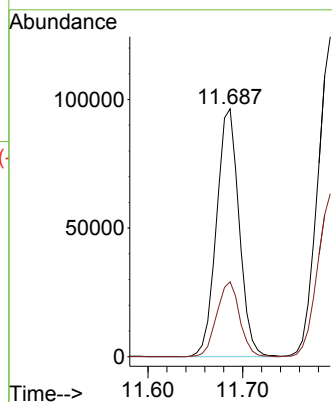
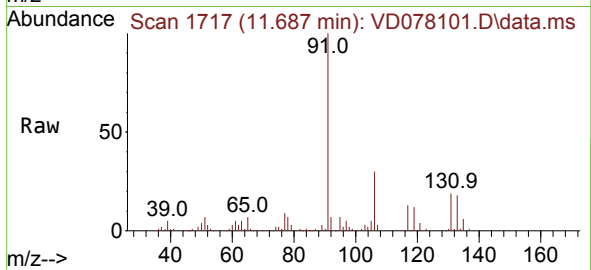




#67
Ethyl Benzene
Concen: 19.047 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

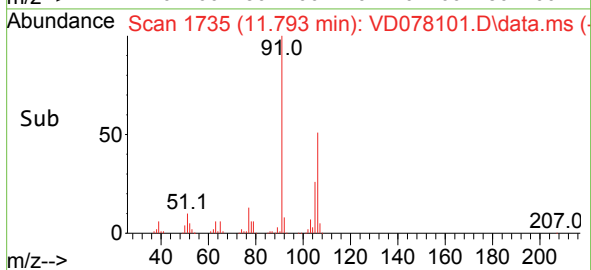
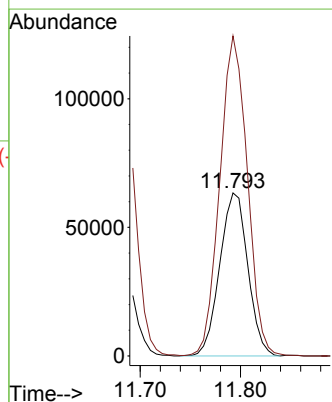
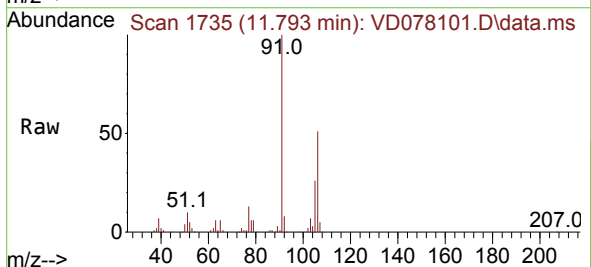
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

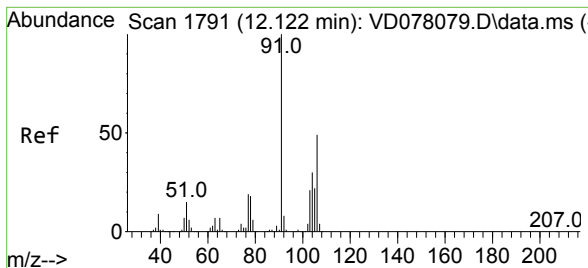
Tgt Ion: 91 Resp: 159899
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 37.735 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:106 Resp: 123289
Ion Ratio Lower Upper
106 100
91 192.7 147.0 220.6

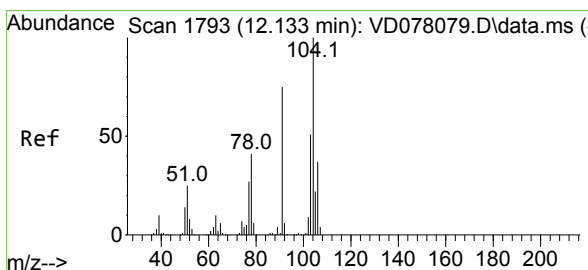
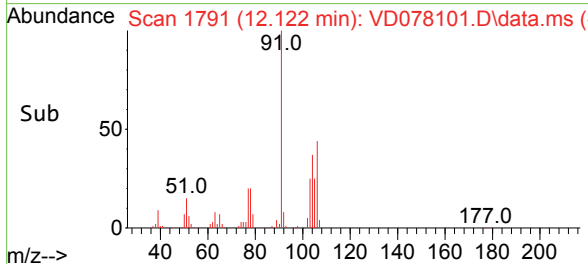
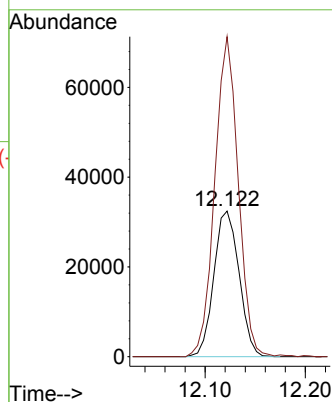
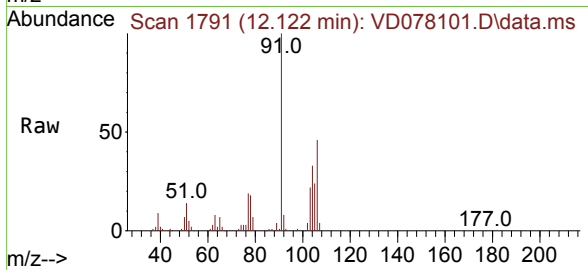




#69
o-Xylene
Concen: 18.588 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

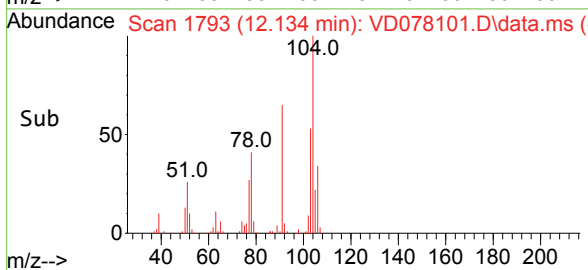
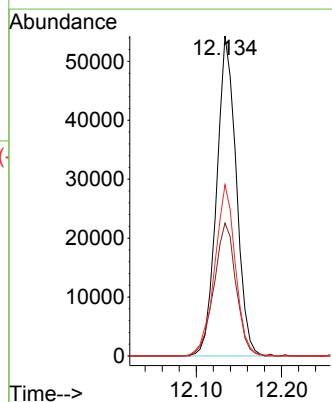
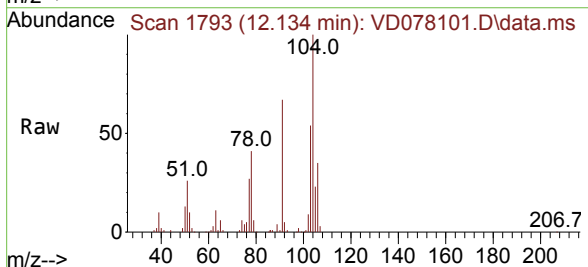
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

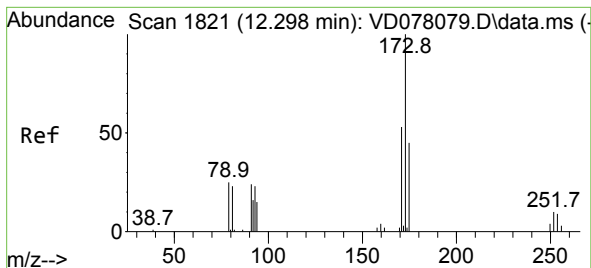
Tgt Ion:106 Resp: 56603
Ion Ratio Lower Upper
106 100
91 205.0 97.9 293.6



#70
Styrene
Concen: 19.334 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion:104 Resp: 86927
Ion Ratio Lower Upper
104 100
78 46.5 33.2 49.8
103 56.4 43.6 65.4





#71

Bromoform

Concen: 20.247 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

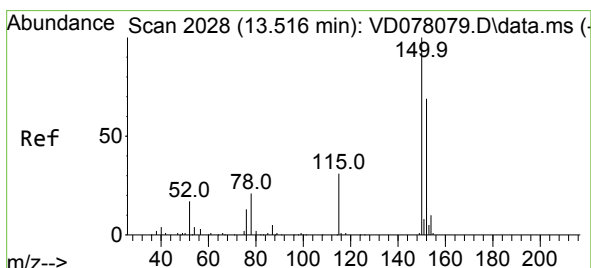
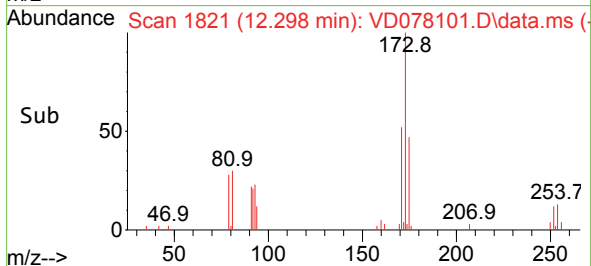
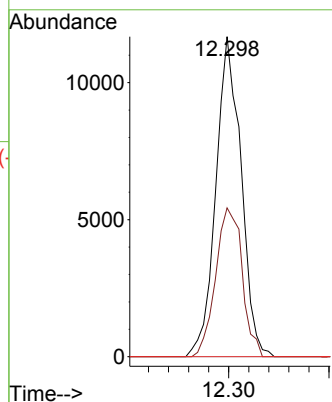
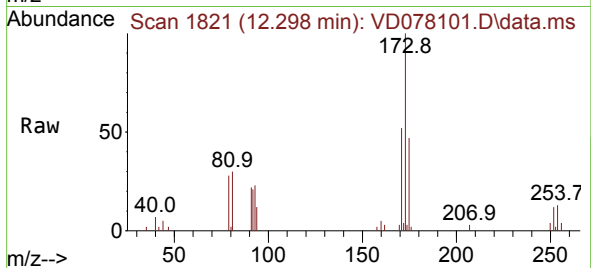
Tgt Ion:173 Resp: 20359

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

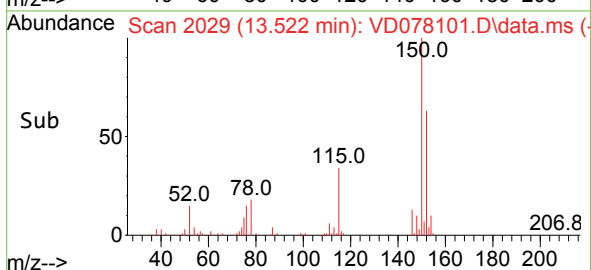
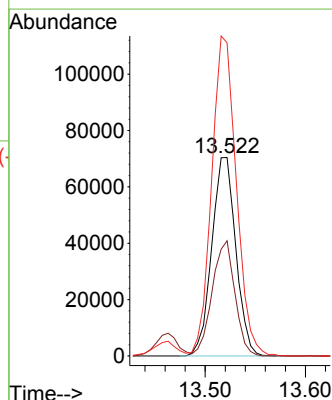
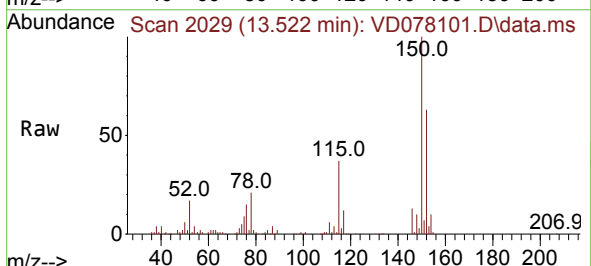
Tgt Ion:152 Resp: 117561

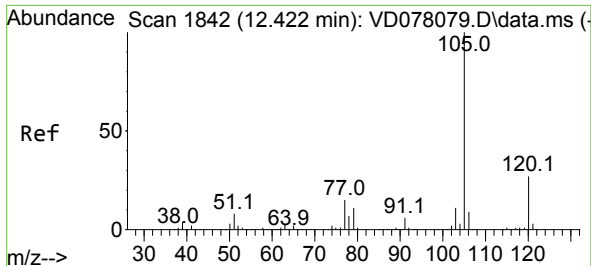
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 165.2 0.0 353.6

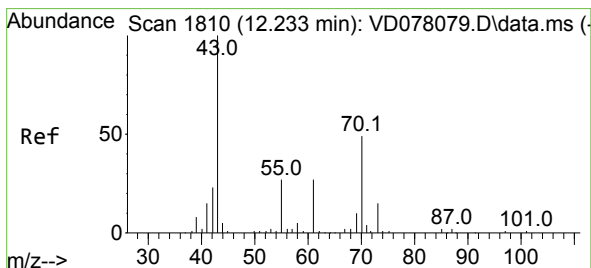
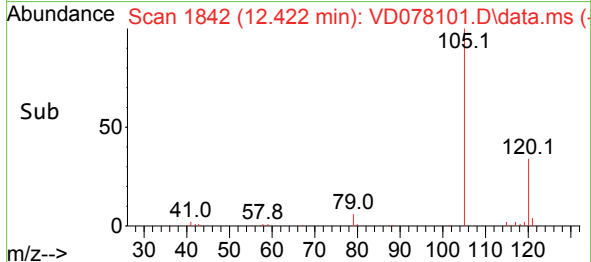
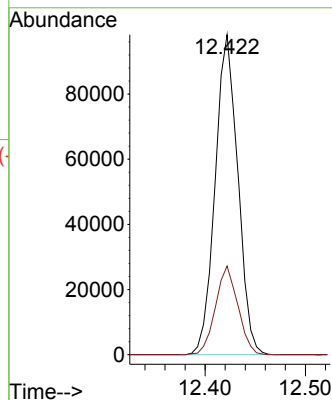
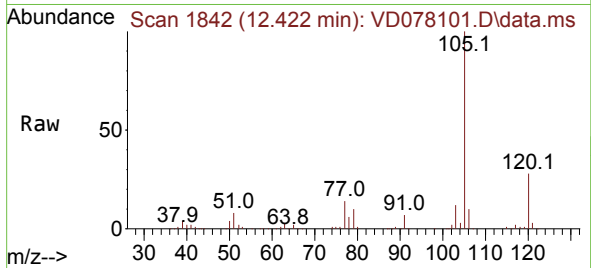




#73
Isopropylbenzene
Concen: 19.043 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

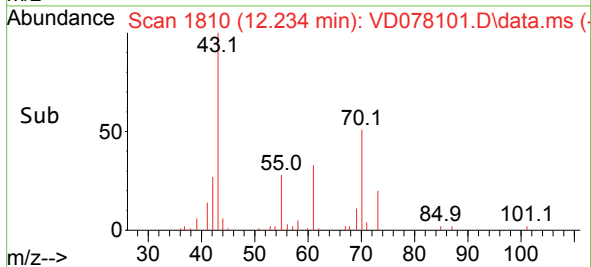
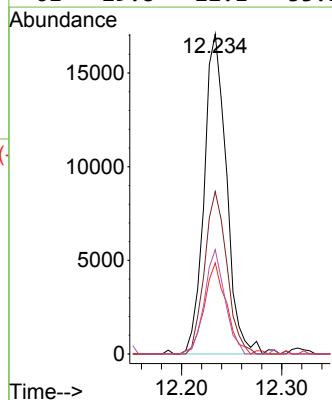
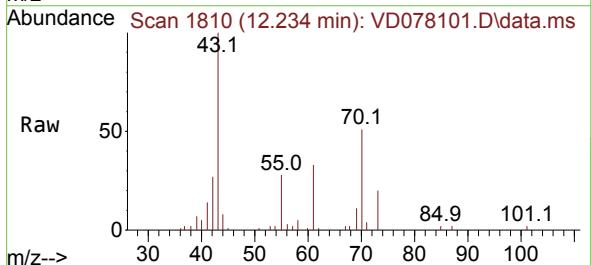
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

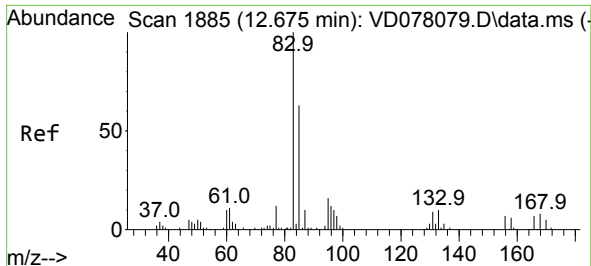
Tgt Ion:105 Resp: 154195
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 19.744 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 43 Resp: 26540
Ion Ratio Lower Upper
43 100
70 50.6 45.0 67.4
55 28.4 23.8 35.6
61 29.8 22.1 33.1

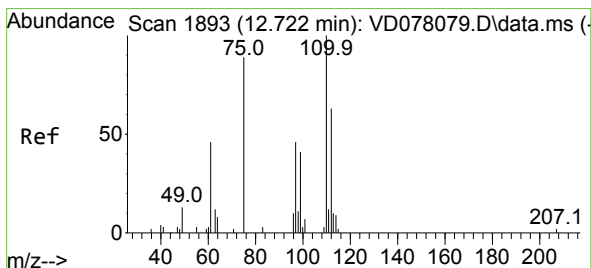
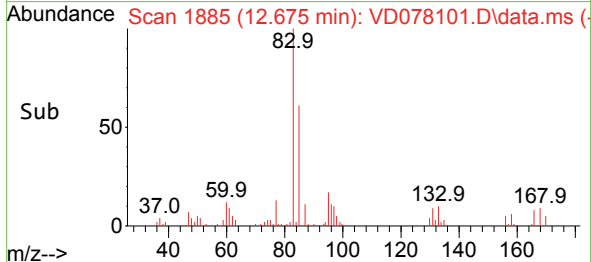
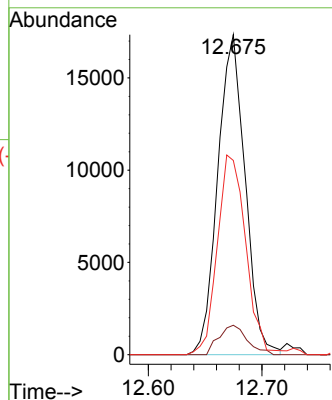
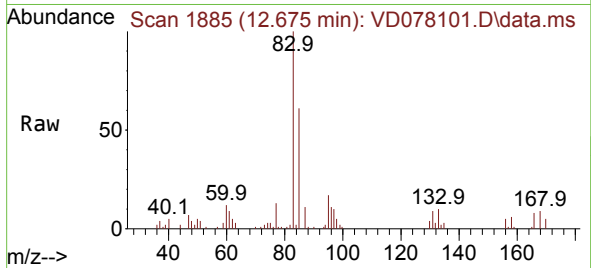




#75
1,1,2,2-Tetrachloroethane
Concen: 19.746 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

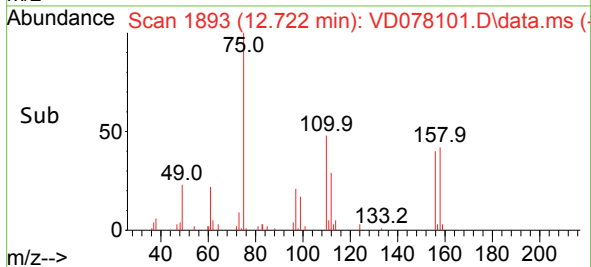
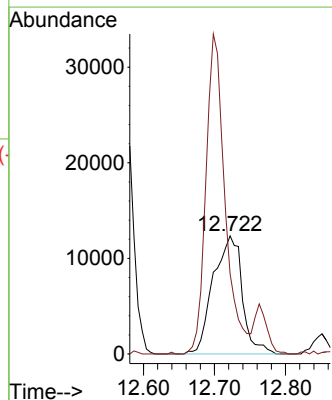
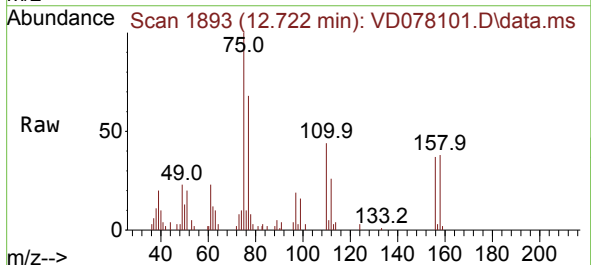
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

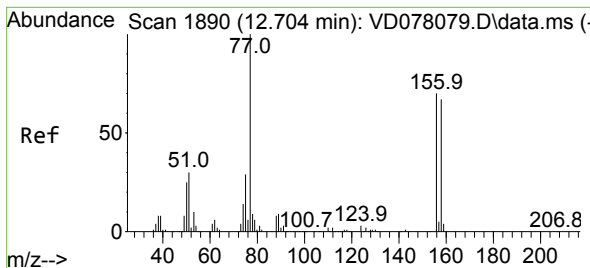
Tgt Ion: 83 Resp: 29058
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 35.285 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 75 Resp: 34996
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.293 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

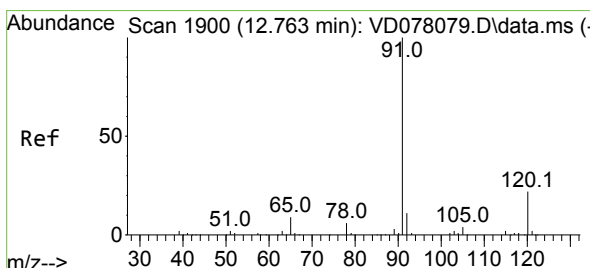
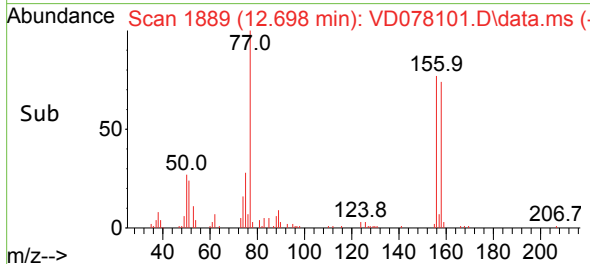
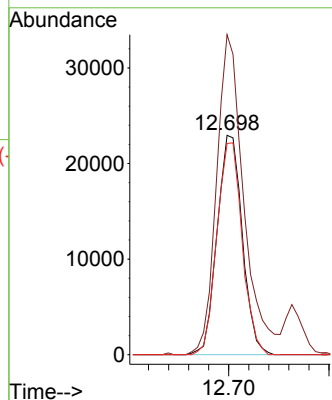
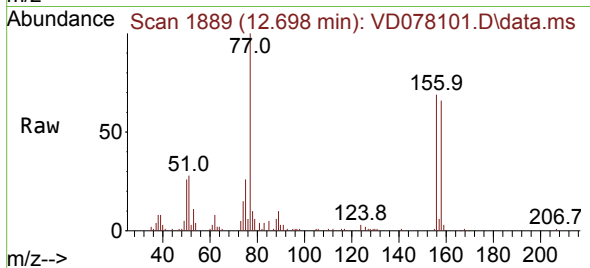
Tgt Ion:156 Resp: 39973

Ion Ratio Lower Upper

156 100

77 158.2 76.8 230.4

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 18.863 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078101.D

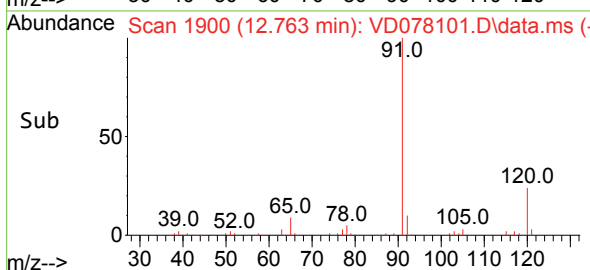
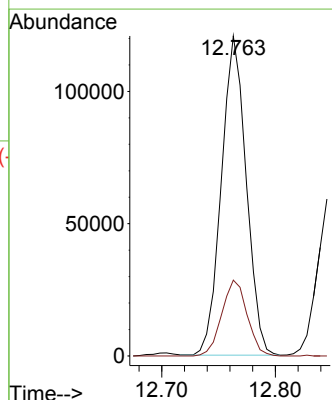
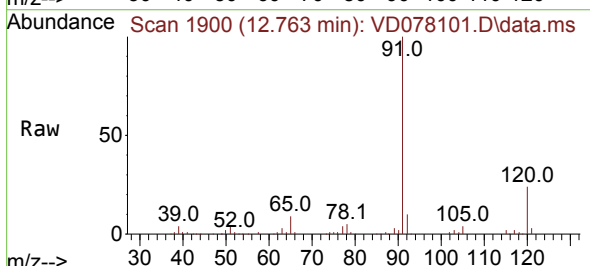
Acq: 29 Dec 2023 11:23

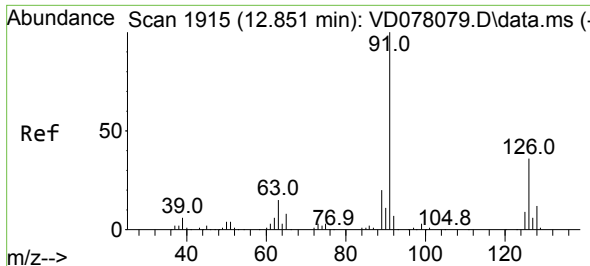
Tgt Ion: 91 Resp: 183844

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2

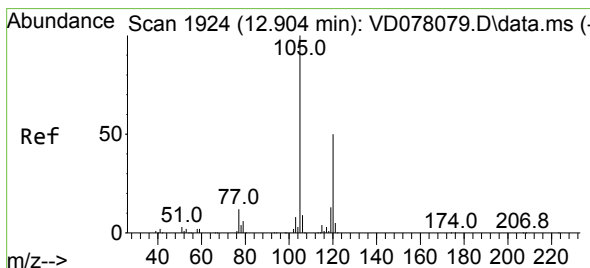
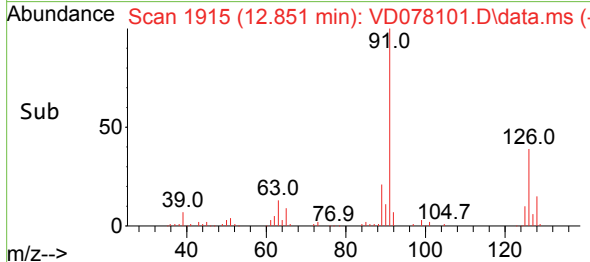
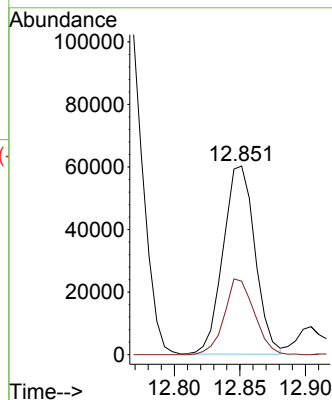
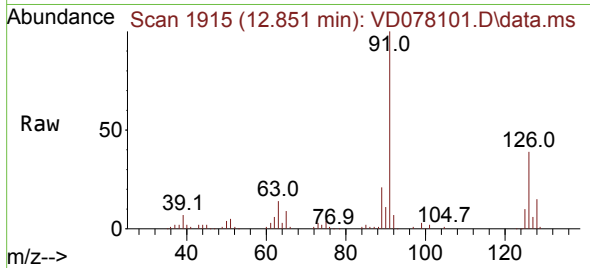




#79
2-Chlorotoluene
Concen: 19.328 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

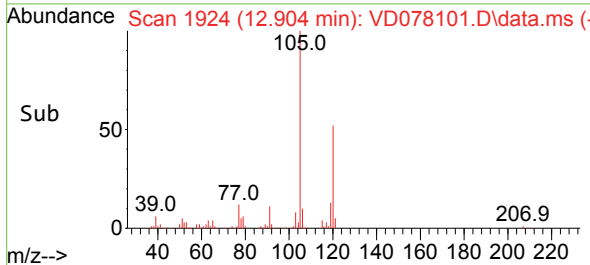
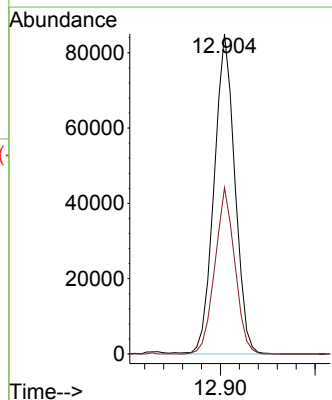
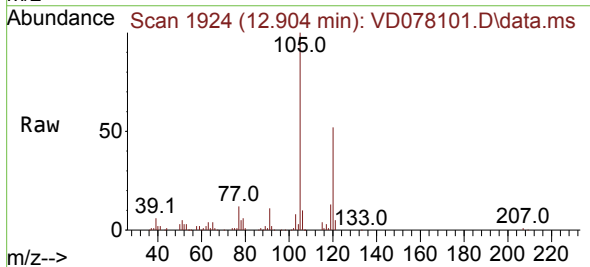
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

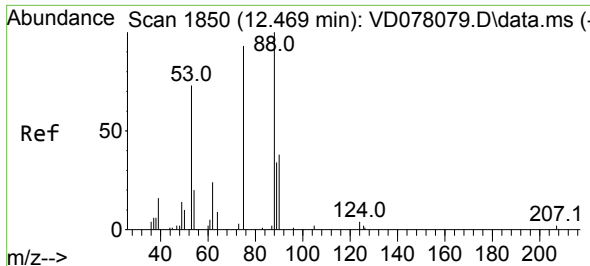
Tgt Ion: 91 Resp: 101894
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 105 Resp: 129170
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

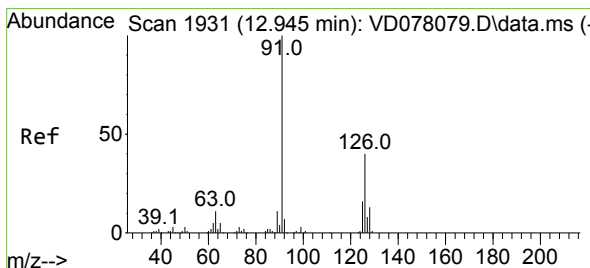
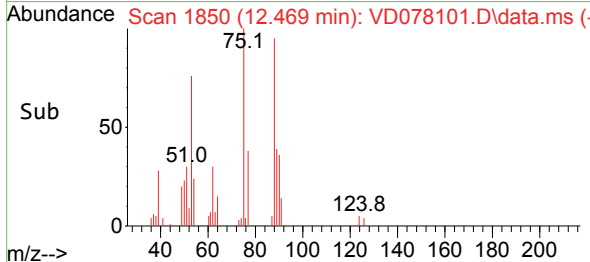
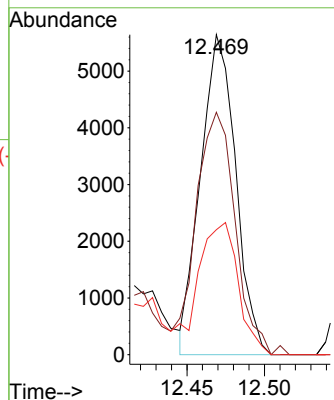
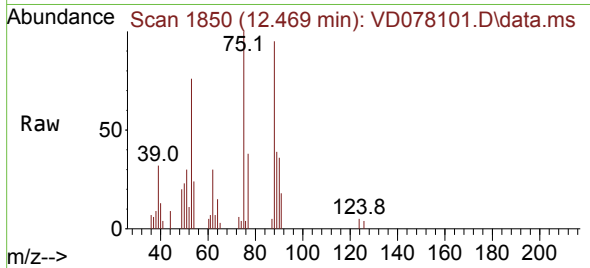




#81
trans-1,4-Dichloro-2-butene
Concen: 19.342 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

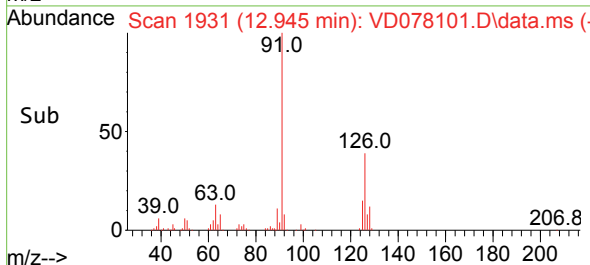
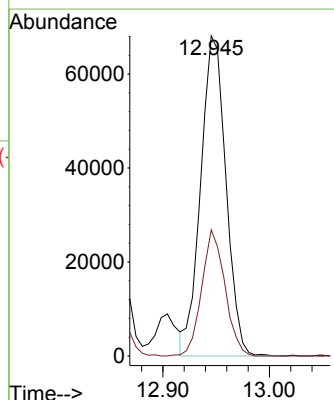
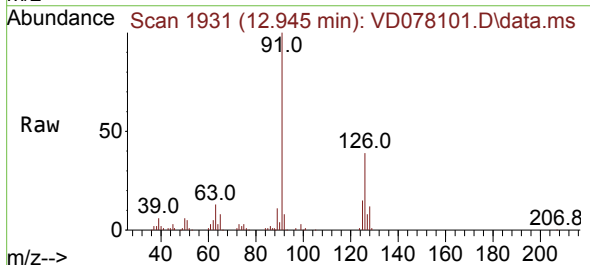
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

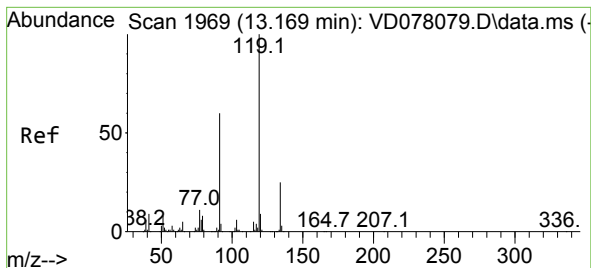
Tgt Ion: 75 Resp: 8903
Ion Ratio Lower Upper
75 100
53 84.7 63.0 94.4
89 47.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.878 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 91 Resp: 112353
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4

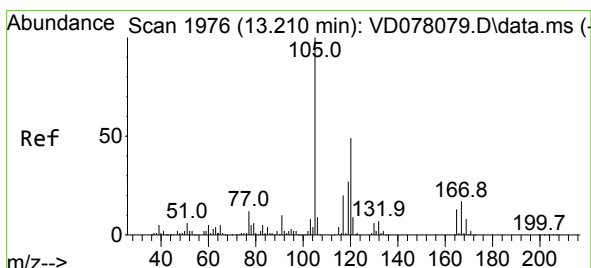
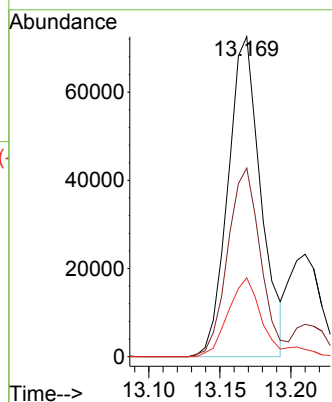
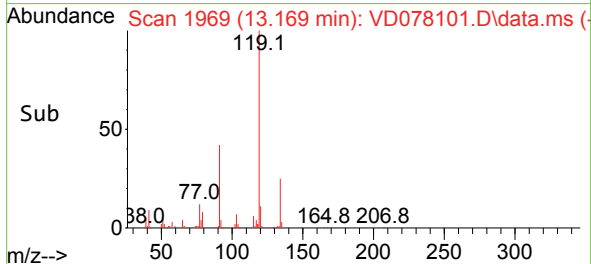
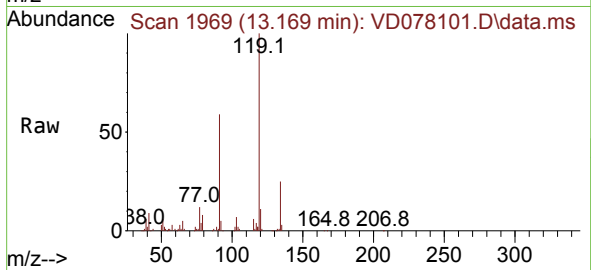




#83
 tert-Butylbenzene
 Concen: 19.465 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

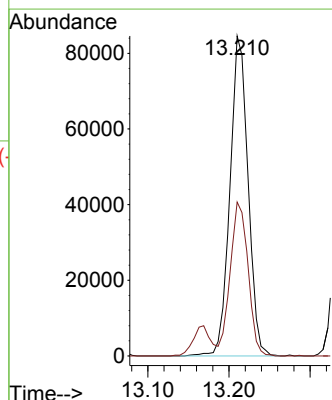
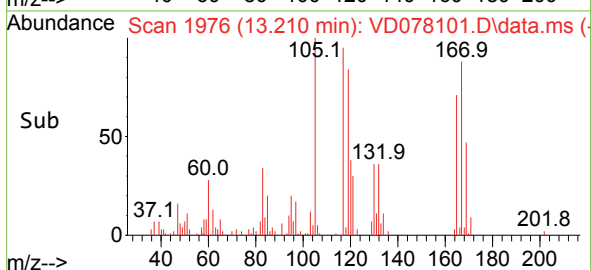
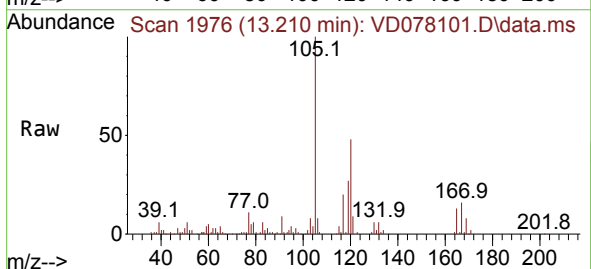
Instrument :
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 ClientSampleId :
 VD1229SBS02

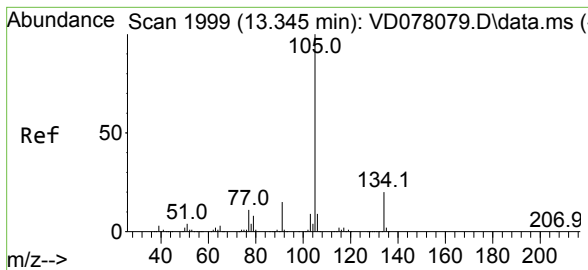
Tgt Ion:119 Resp: 116773
 Ion Ratio Lower Upper
 119 100
 91 59.6 29.3 87.8
 134 26.6 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.189 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion:105 Resp: 130897
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.3 72.9

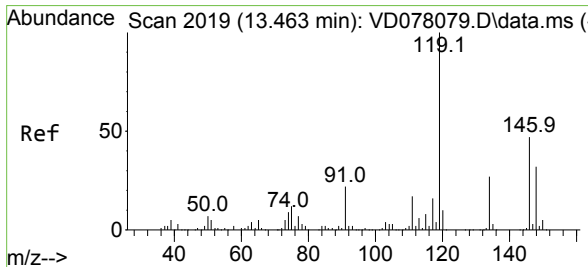
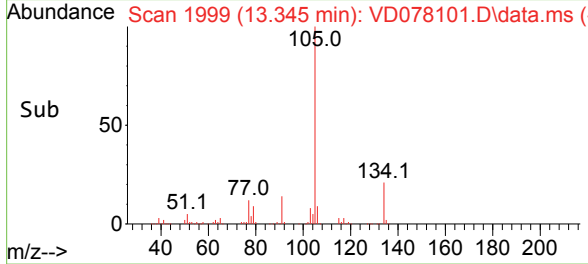
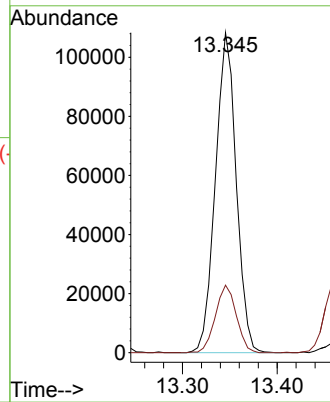
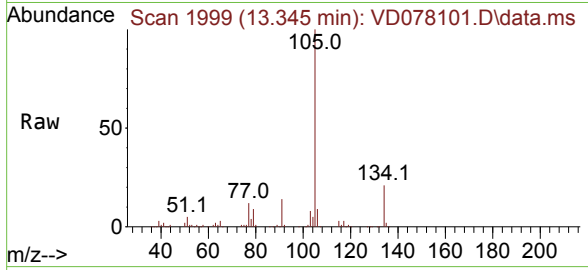




#85
 sec-Butylbenzene
 Concen: 19.313 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

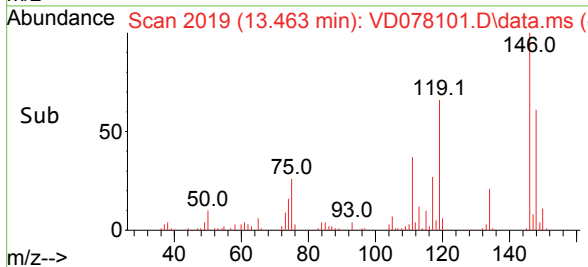
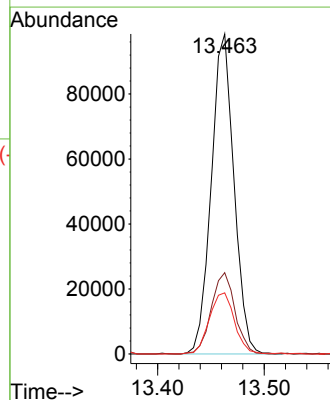
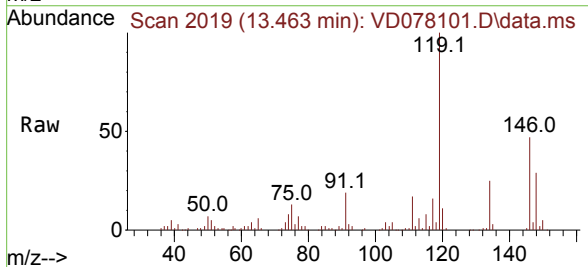
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

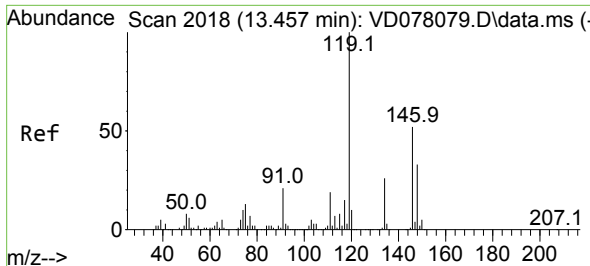
Tgt Ion:105 Resp: 165419
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.016 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078101.D
 Acq: 29 Dec 2023 11:23

Tgt Ion:119 Resp: 145757
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.373 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

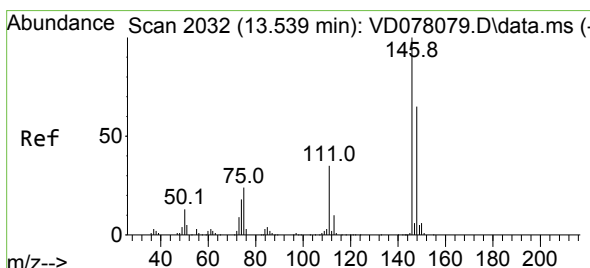
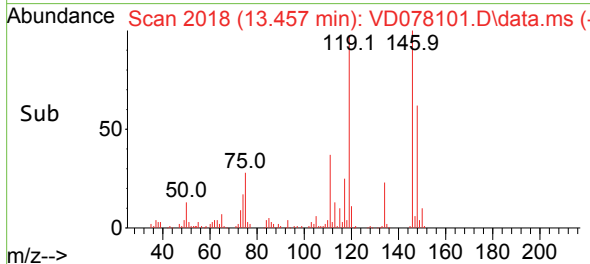
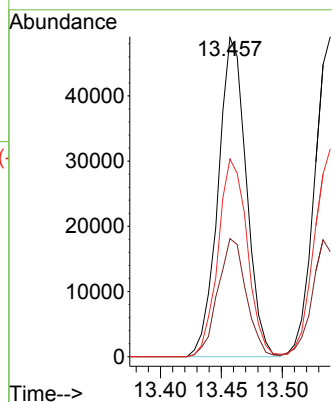
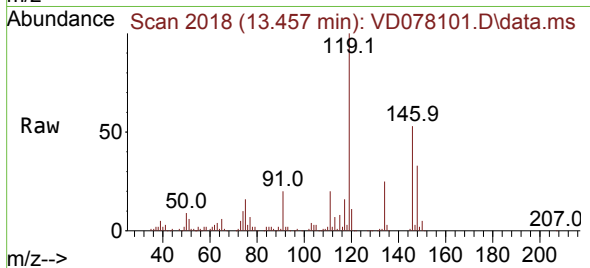
Tgt Ion:146 Resp: 78955

Ion Ratio Lower Upper

146 100

111 37.4 17.9 53.8

148 64.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.936 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

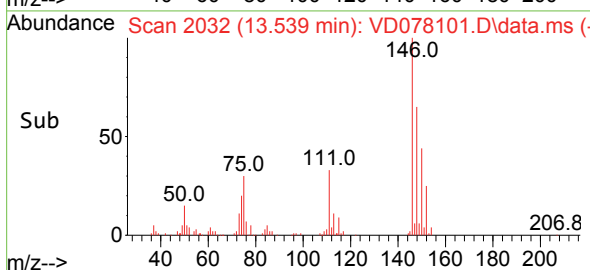
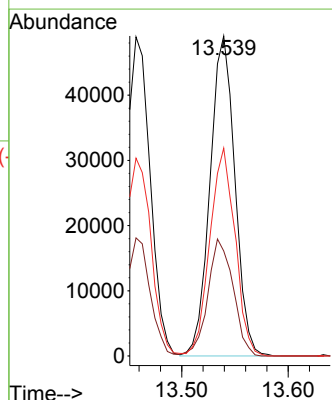
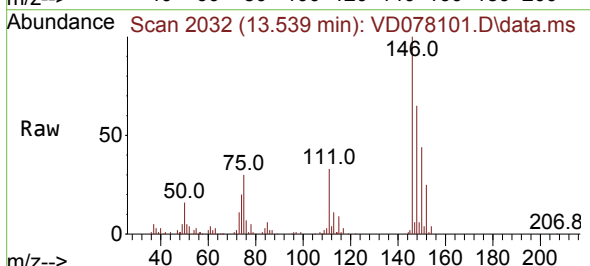
Tgt Ion:146 Resp: 79687

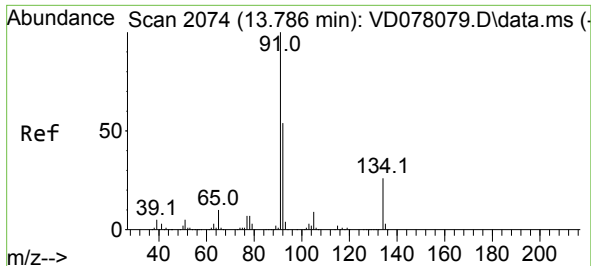
Ion Ratio Lower Upper

146 100

111 37.1 17.4 52.3

148 65.8 31.7 95.1

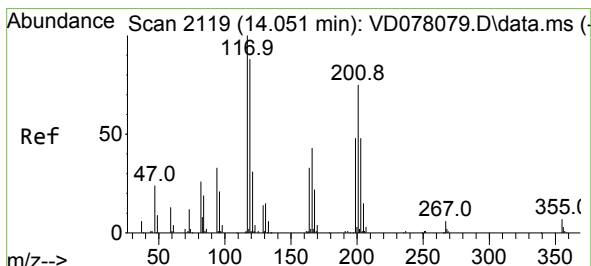
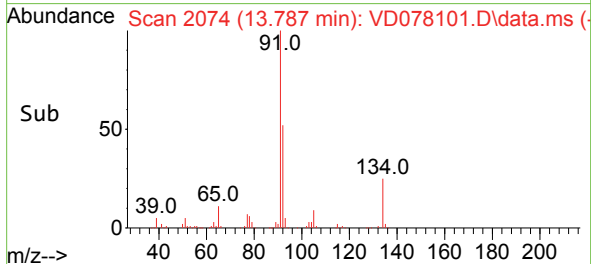
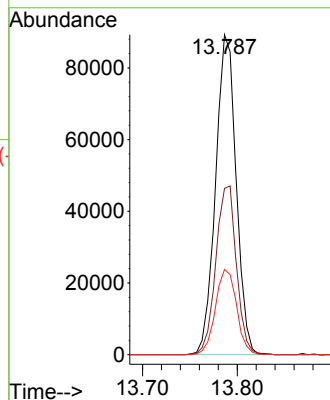
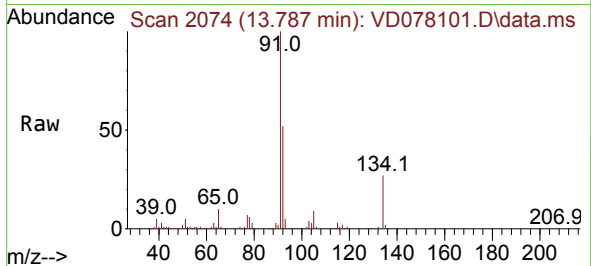




#89
n-Butylbenzene
Concen: 19.151 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

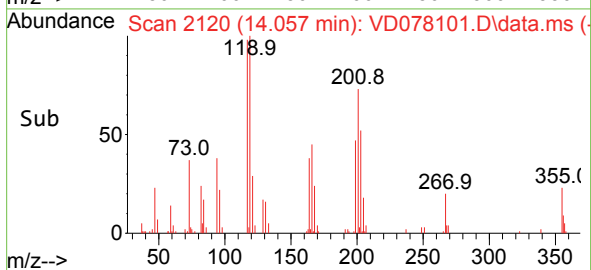
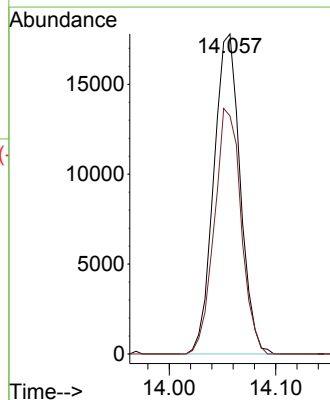
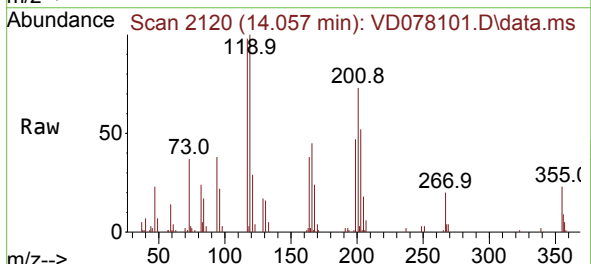
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

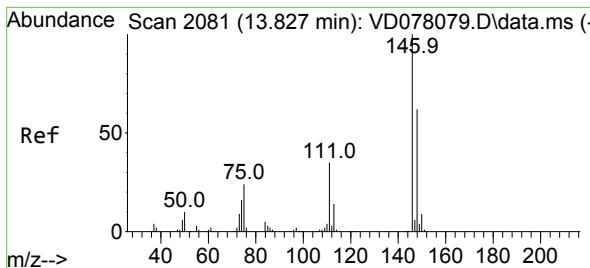
Tgt Ion: 91 Resp: 134737
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 27.4 13.8 41.3



#90
Hexachloroethane
Concen: 19.999 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078101.D
Acq: 29 Dec 2023 11:23

Tgt Ion: 117 Resp: 30646
Ion Ratio Lower Upper
117 100
201 77.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.075 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

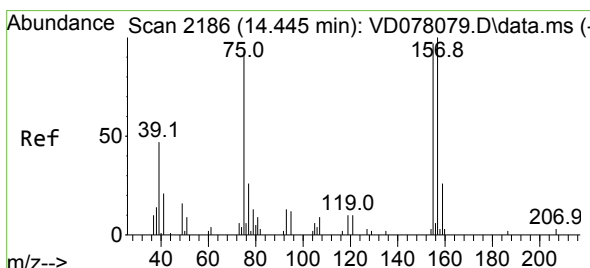
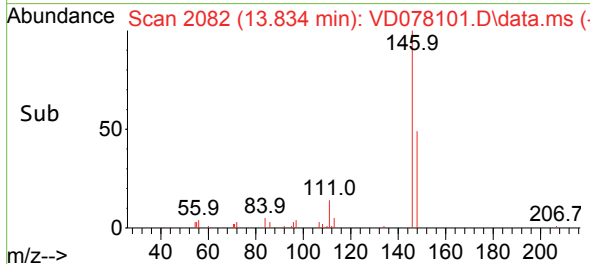
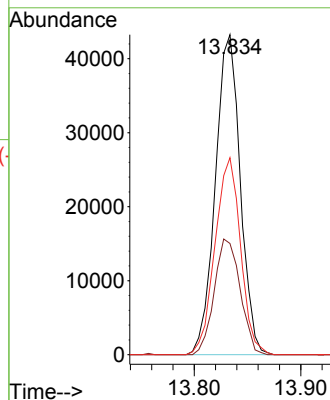
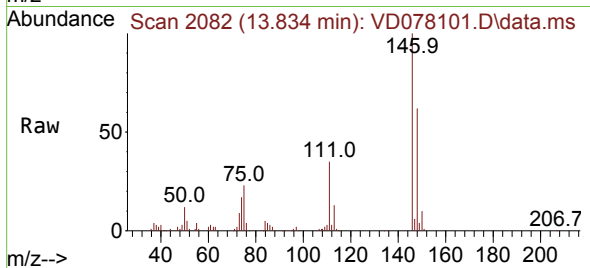
Tgt Ion:146 Resp: 70264

Ion Ratio Lower Upper

146 100

111 37.6 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.057 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

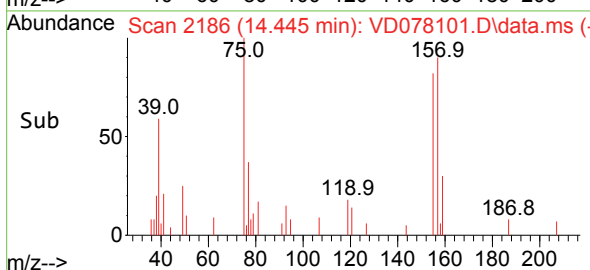
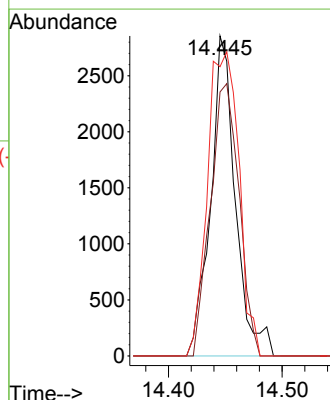
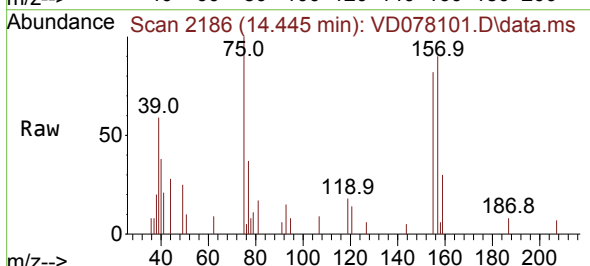
Tgt Ion: 75 Resp: 4340

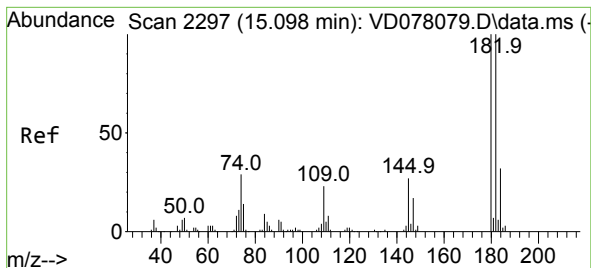
Ion Ratio Lower Upper

75 100

155 98.2 47.9 143.8

157 120.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.415 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

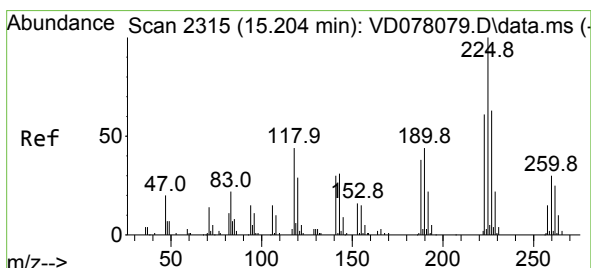
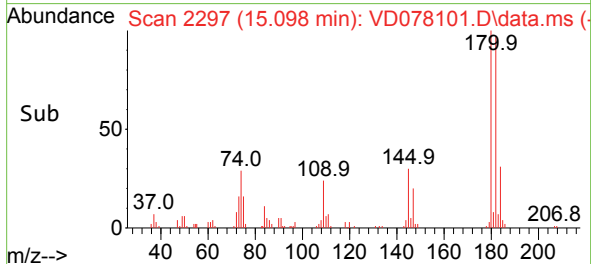
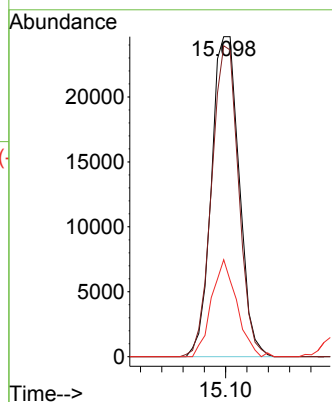
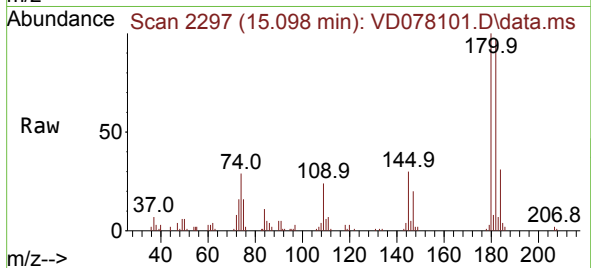
Tgt Ion:180 Resp: 44366

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.424 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

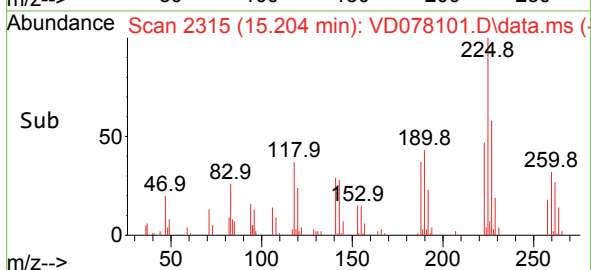
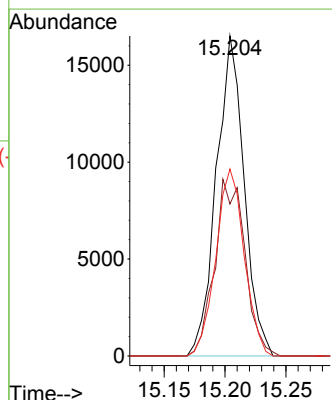
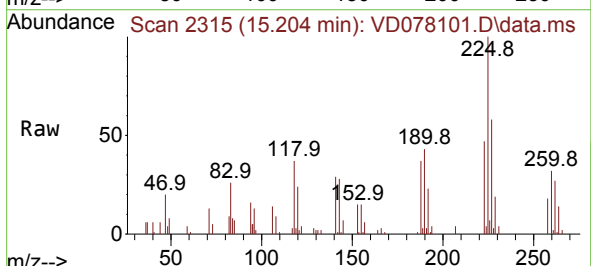
Tgt Ion:225 Resp: 26222

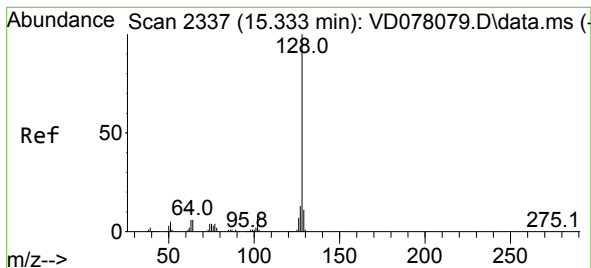
Ion Ratio Lower Upper

225 100

223 60.1 31.6 94.8

227 59.7 31.7 95.1





#95

Naphthalene

Concen: 18.549 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

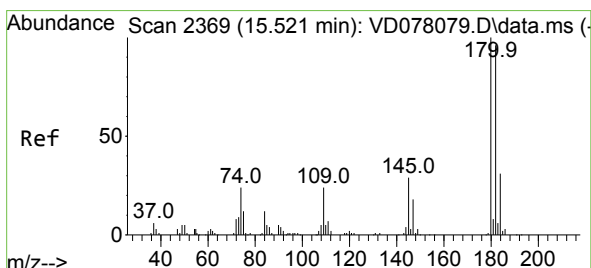
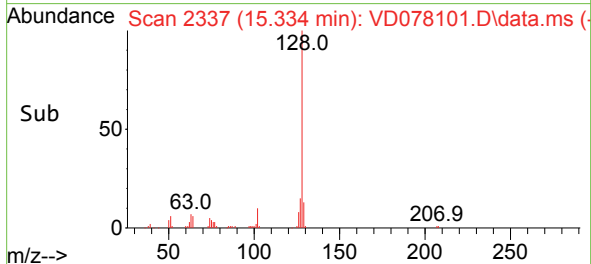
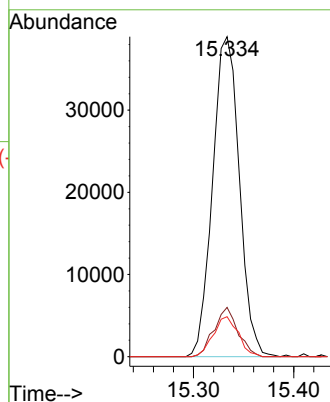
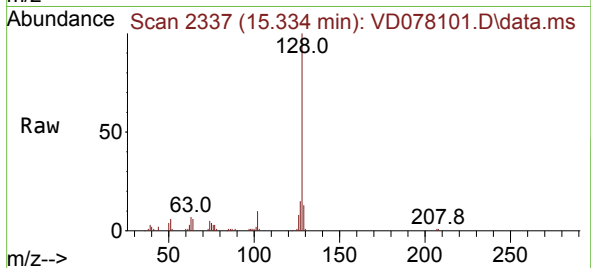
Tgt Ion:128 Resp: 72159

Ion Ratio Lower Upper

128 100

127 15.4 10.5 15.7

129 12.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.170 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078101.D

Acq: 29 Dec 2023 11:23

Tgt Ion:180 Resp: 39108

Ion Ratio Lower Upper

180 100

182 92.7 47.3 141.9

145 30.8 15.1 45.3

