

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078102.D
 Acq On : 29 Dec 2023 12:12
 Operator : RP/MD
 Sample : VD1229SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

Quant Time: Dec 29 22:33:33 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	166267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	267962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70315	47.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.810	113	81171	47.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.160%
50) Toluene-d8	10.269	98	297967	49.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.575	95	92819	47.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26518	18.609	ug/l	94
3) Chloromethane	2.152	50	33704	17.151	ug/l	99
4) Vinyl Chloride	2.287	62	50874	17.175	ug/l	98
5) Bromomethane	2.693	94	38999	16.421	ug/l	97
6) Chloroethane	2.840	64	38741	17.798	ug/l	99
7) Trichlorofluoromethane	3.175	101	53664	18.822	ug/l	96
8) Diethyl Ether	3.599	74	14042	17.961	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	32161	18.111	ug/l	97
10) Methyl Iodide	4.169	142	28124	16.854	ug/l	93
11) Tert butyl alcohol	5.046	59	8838	122.854	ug/l	97
12) 1,1-Dichloroethene	3.940	96	27311	17.382	ug/l	99
13) Acrolein	3.799	56	7525	96.577	ug/l	96
14) Allyl chloride	4.563	41	33227	17.495	ug/l	89
15) Acrylonitrile	5.252	53	30965	94.684	ug/l	99
16) Acetone	4.022	43	41863	124.808	ug/l #	76
17) Carbon Disulfide	4.275	76	61022	15.718	ug/l #	93
18) Methyl Acetate	4.563	43	20776	17.135	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	64312	18.493	ug/l	94
20) Methylene Chloride	4.799	84	43144	22.017	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	32242	17.851	ug/l	97
22) Diisopropyl ether	6.222	45	74990	17.677	ug/l	98
23) Vinyl Acetate	6.157	43	182625	112.606	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	56526	18.006	ug/l	97
25) 2-Butanone	7.081	43	45151	108.152	ug/l	92
26) 2,2-Dichloropropane	7.081	77	50104	17.764	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	38705	18.063	ug/l	98
28) Bromochloromethane	7.428	49	20517	18.267	ug/l	92
29) Tetrahydrofuran	7.446	42	20080	87.680	ug/l	98
30) Chloroform	7.593	83	62183	18.278	ug/l	92
31) Cyclohexane	7.875	56	39889	16.902	ug/l #	91
32) 1,1,1-Trichloroethane	7.793	97	53819	18.407	ug/l	99
36) 1,1-Dichloropropene	8.010	75	43212	17.813	ug/l	97
37) Ethyl Acetate	7.169	43	14241	17.650	ug/l	99
38) Carbon Tetrachloride	7.987	117	47809	18.187	ug/l	96
39) Methylcyclohexane	9.275	83	47164	16.958	ug/l	98
40) Benzene	8.251	78	126243	18.055	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	9570	18.748	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	34561	18.290	ug/l	97
43) Isopropyl Acetate	8.363	43	28838	17.853	ug/l	97
44) Trichloroethene	9.028	130	35215	17.506	ug/l	84
45) 1,2-Dichloropropane	9.304	63	31636	17.856	ug/l	95
46) Dibromomethane	9.398	93	18535	18.678	ug/l	97
47) Bromodichloromethane	9.587	83	47733	18.518	ug/l	95
48) Methyl methacrylate	9.381	41	16964	18.634	ug/l #	79
49) 1,4-Dioxane	9.387	88	3981	424.373	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	78067	94.186	ug/l	91
52) Toluene	10.334	92	81821	18.042	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	41921	17.925	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	51368	18.290	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	26682	19.107	ug/l	95
56) Ethyl methacrylate	10.598	69	20157	18.189	ug/l	90
57) 1,3-Dichloropropane	10.881	76	42802	18.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	46301	96.502	ug/l	99
59) 2-Hexanone	10.922	43	65364	101.523	ug/l	94
60) Dibromochloromethane	11.075	129	34291	19.276	ug/l	98
61) 1,2-Dibromoethane	11.181	107	26624	19.886	ug/l	91
64) Tetrachloroethene	10.816	164	28858	17.779	ug/l	94
65) Chlorobenzene	11.604	112	93997	18.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	34734	17.982	ug/l	97
67) Ethyl Benzene	11.687	91	155523	17.481	ug/l	100
68) m/p-Xylenes	11.792	106	122195	35.291	ug/l	93
69) o-Xylene	12.122	106	56618	17.544	ug/l	97
70) Styrene	12.134	104	86204	18.092	ug/l	96
71) Bromoform	12.298	173	19567	18.362	ug/l #	96
73) Isopropylbenzene	12.422	105	155202	18.372	ug/l	95
74) N-amyl acetate	12.234	43	26802	19.112	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	30393	19.796	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	36147	34.932	ug/l #	100
77) Bromobenzene	12.698	156	40400	19.658	ug/l	99
78) n-propylbenzene	12.763	91	187290	18.419	ug/l	98
79) 2-Chlorotoluene	12.851	91	98192	17.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	125927	18.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9287	19.339	ug/l	96
82) 4-Chlorotoluene	12.951	91	108196	18.348	ug/l	97
83) tert-Butylbenzene	13.169	119	112668	18.001	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	128845	18.104	ug/l	100
85) sec-Butylbenzene	13.345	105	164176	18.372	ug/l	99
86) p-Isopropyltoluene	13.463	119	145565	18.202	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	77637	18.259	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	77926	18.686	ug/l	95
89) n-Butylbenzene	13.786	91	134807	18.365	ug/l	99
90) Hexachloroethane	14.051	117	30191	18.884	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	66442	18.195	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4530	21.066	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	44597	18.706	ug/l	96
94) Hexachlorobutadiene	15.204	225	25848	19.297	ug/l	99
95) Naphthalene	15.333	128	75571	18.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	38975	19.267	ug/l	99

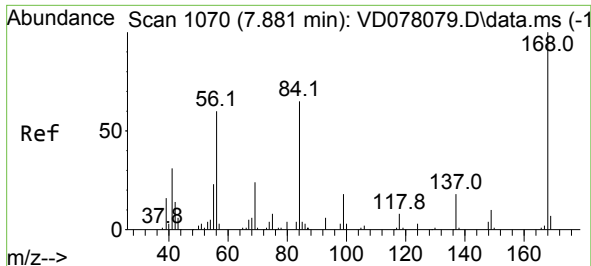
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
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Response via : Initial Calibration

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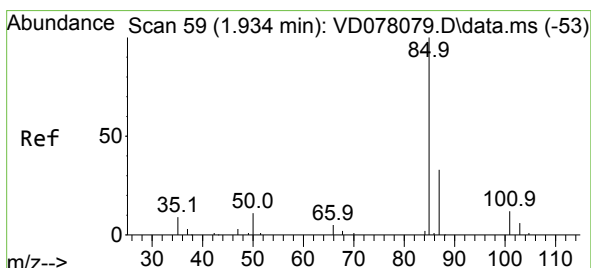
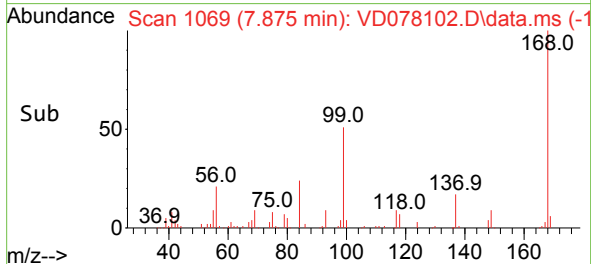
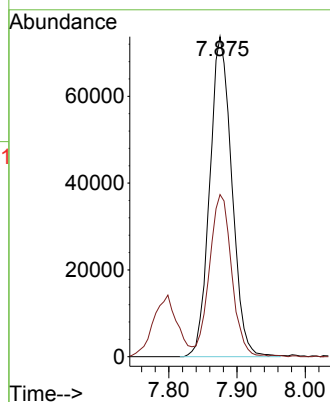
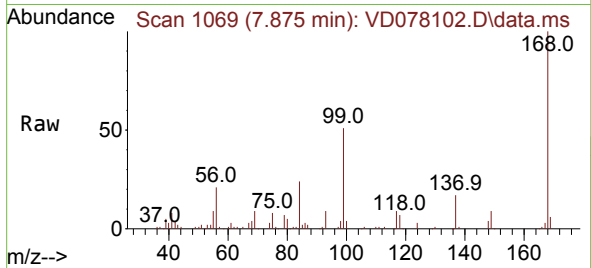
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

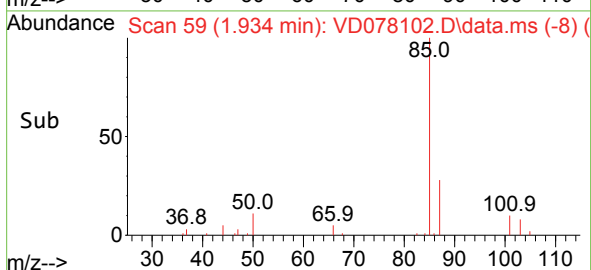
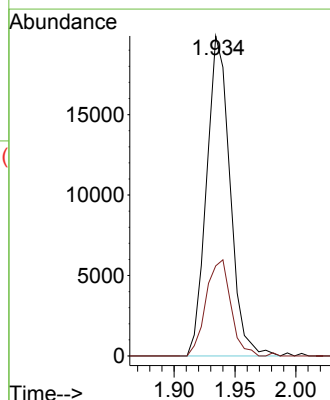
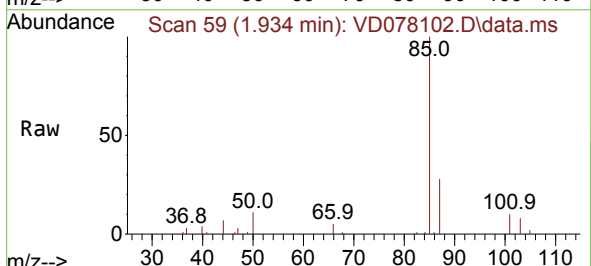
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

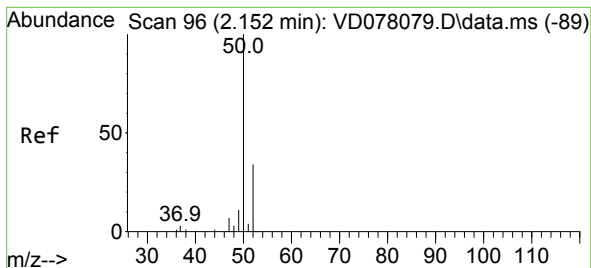
Tgt Ion:168 Resp: 166267
Ion Ratio Lower Upper
168 100
99 50.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.609 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 85 Resp: 26518
Ion Ratio Lower Upper
85 100
87 28.1 15.7 47.0





#3

Chloromethane

Concen: 17.151 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

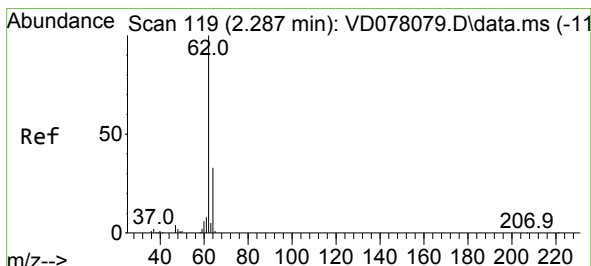
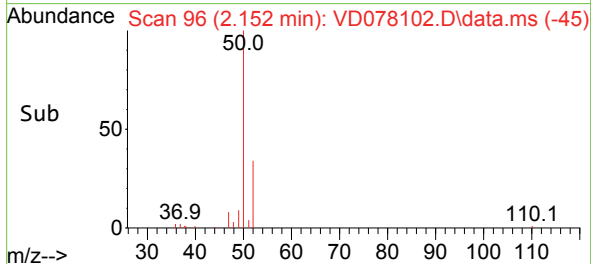
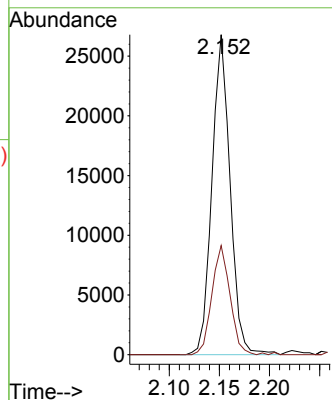
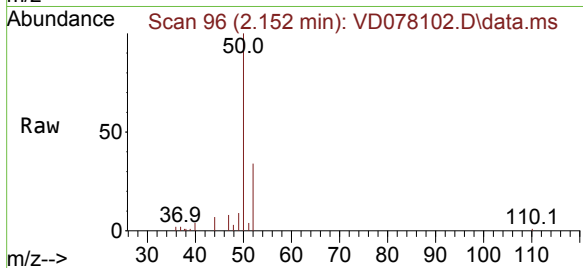
VD1229SBSD02

Tgt Ion: 50 Resp: 33704

Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



#4

Vinyl Chloride

Concen: 17.175 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078102.D

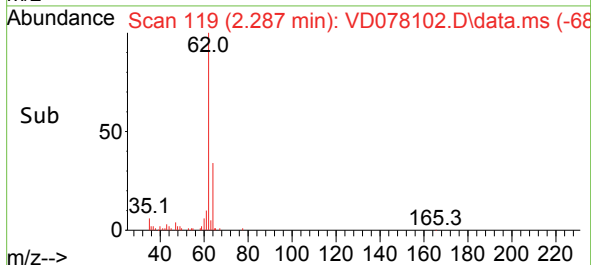
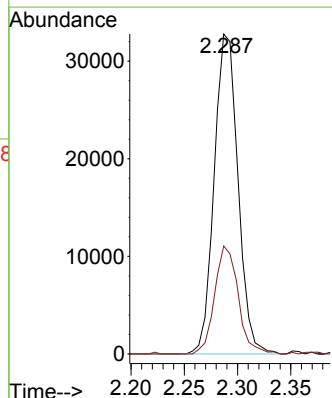
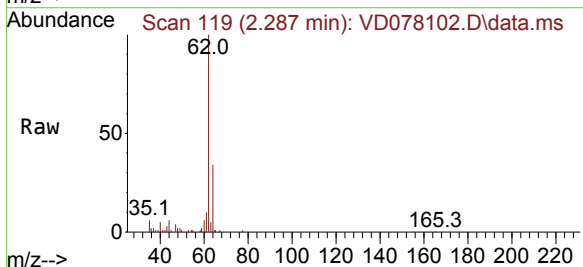
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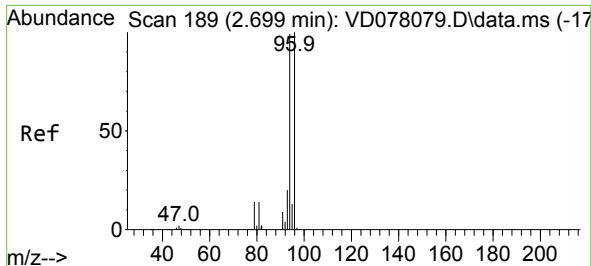
Tgt Ion: 62 Resp: 50874

Ion Ratio Lower Upper

62 100

64 33.8 26.0 39.0

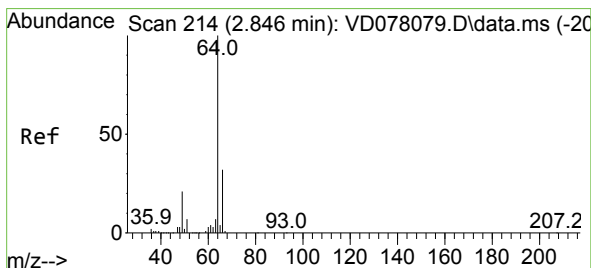
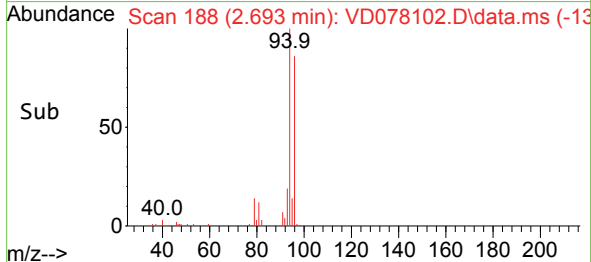
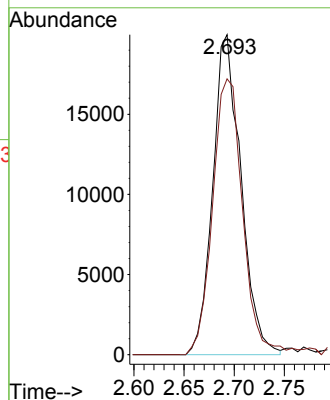
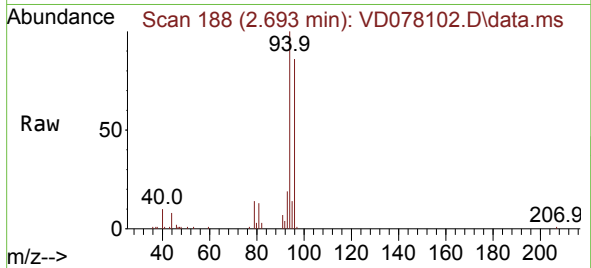




#5
Bromomethane
Concen: 16.421 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

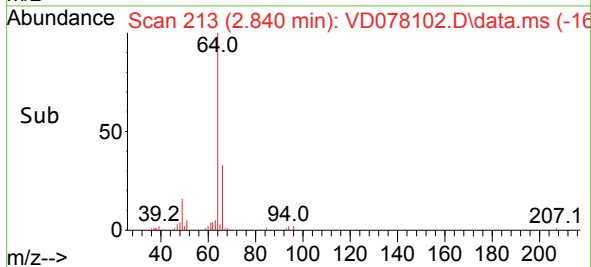
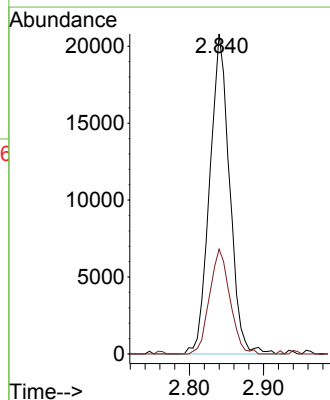
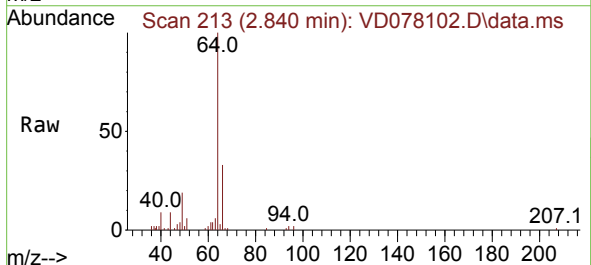
Instrument :
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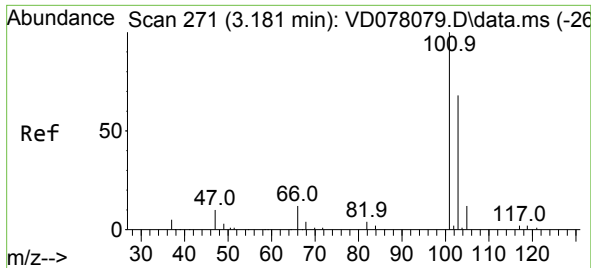
Tgt Ion: 94 Resp: 38999
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.8



#6
Chloroethane
Concen: 17.798 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 64 Resp: 38741
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

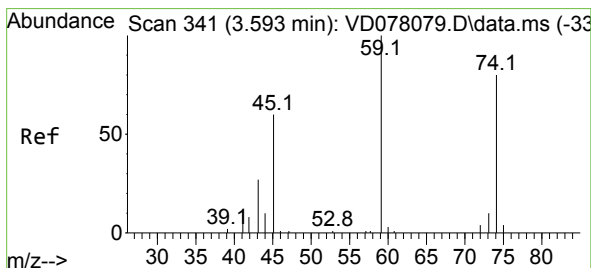
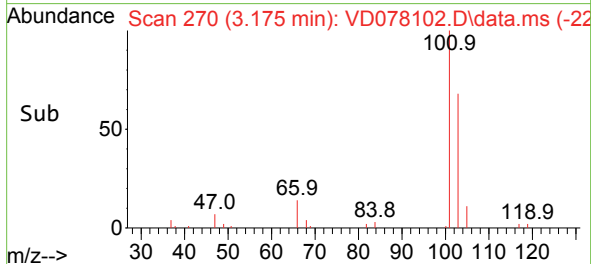
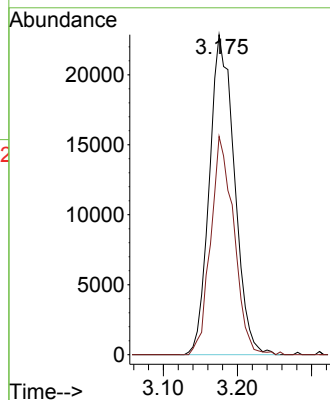
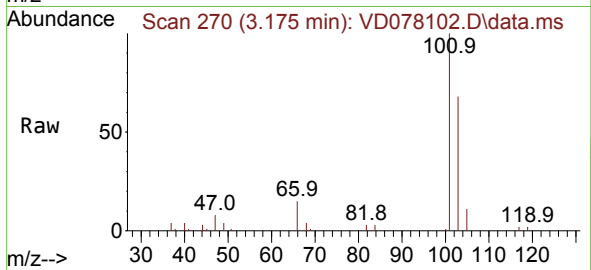




#7
Trichlorofluoromethane
Concen: 18.822 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

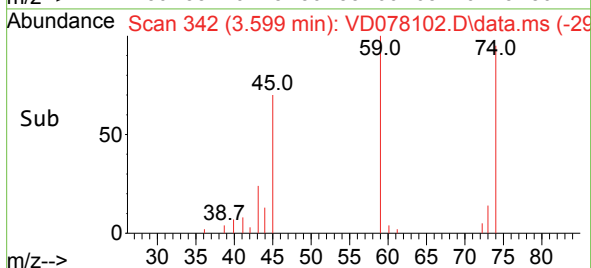
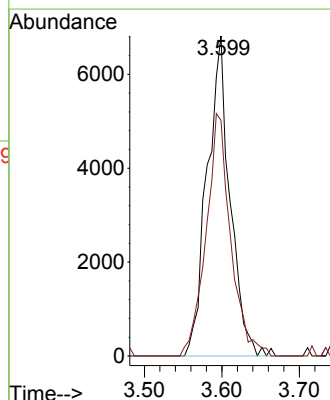
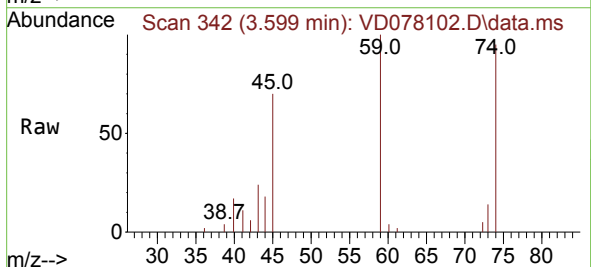
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

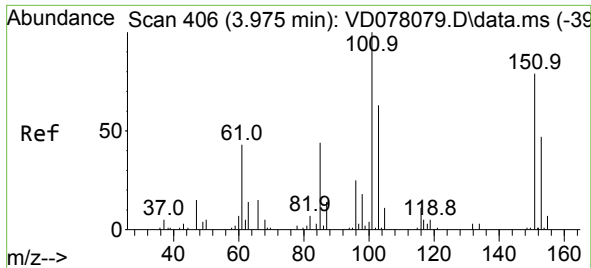
Tgt Ion:101 Resp: 53664
Ion Ratio Lower Upper
101 100
103 68.2 52.3 78.5



#8
Diethyl Ether
Concen: 17.961 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 74 Resp: 14042
Ion Ratio Lower Upper
74 100
45 81.1 37.5 112.7

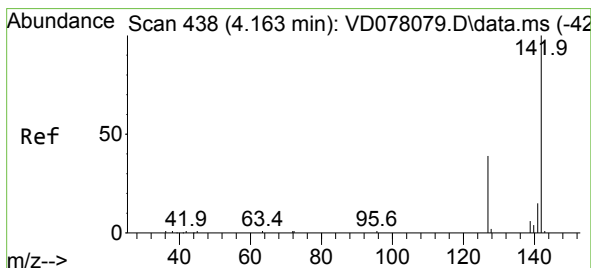
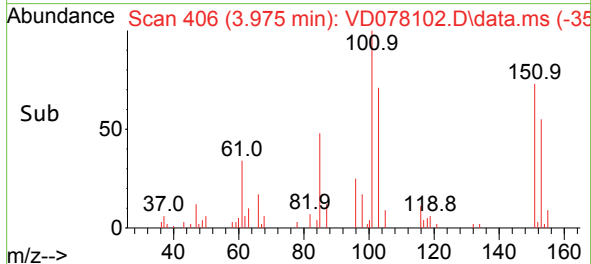
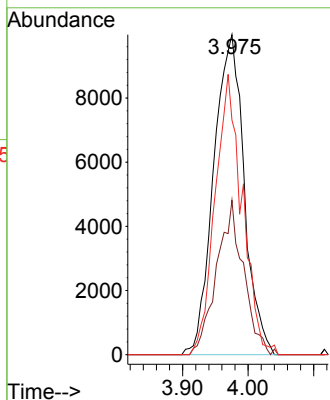
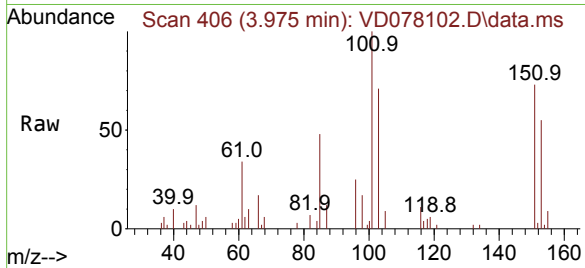




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.111 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078102.D
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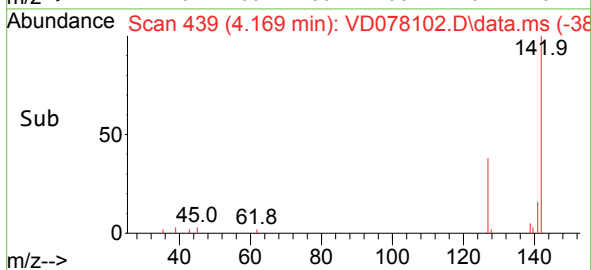
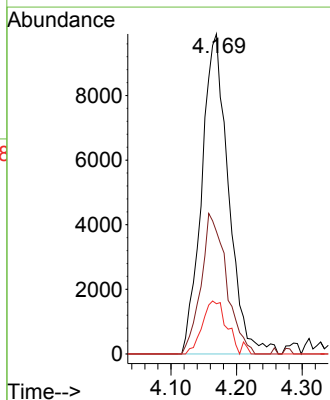
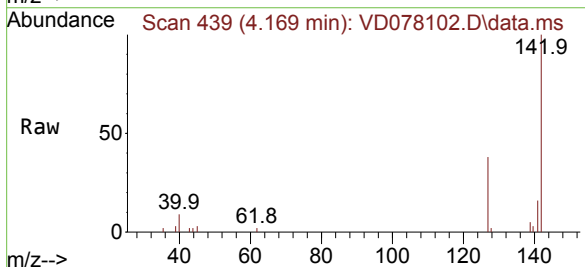
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

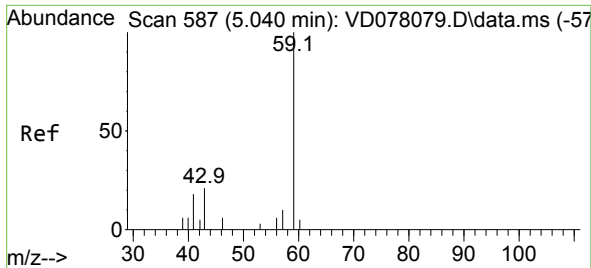
Tgt Ion:101 Resp: 32161
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 78.0 59.8 89.6



#10
Methyl Iodide
Concen: 16.854 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:142 Resp: 28124
Ion Ratio Lower Upper
142 100
127 41.5 29.4 44.0
141 14.9 11.1 16.7

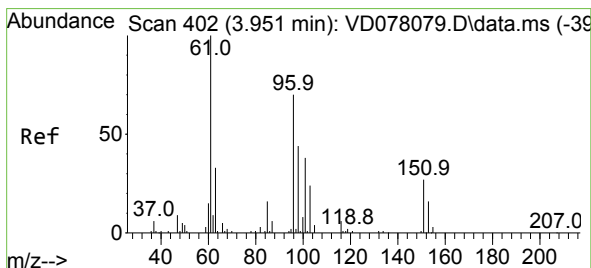
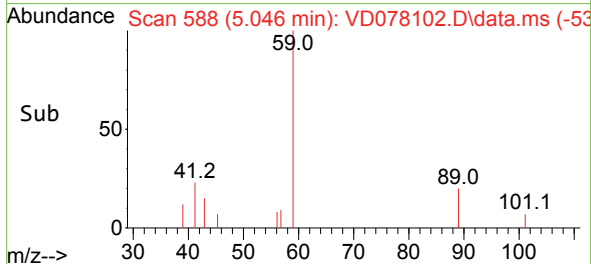
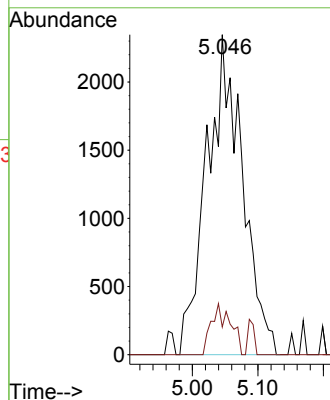
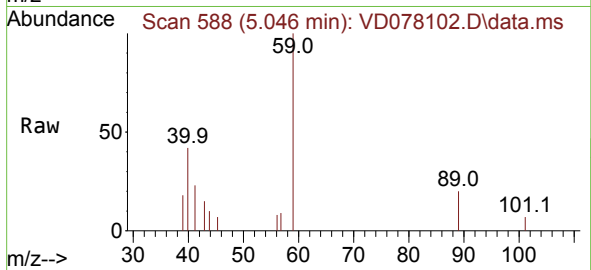




#11
Tert butyl alcohol
Concen: 122.854 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

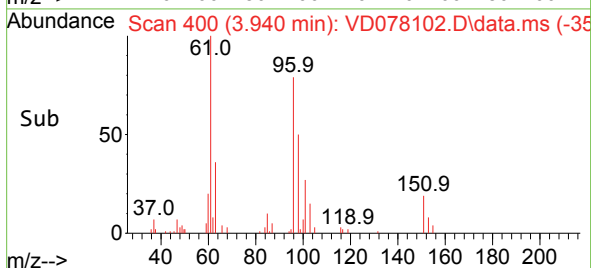
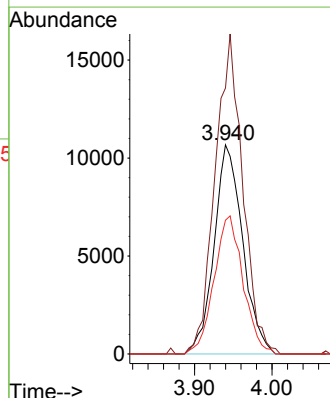
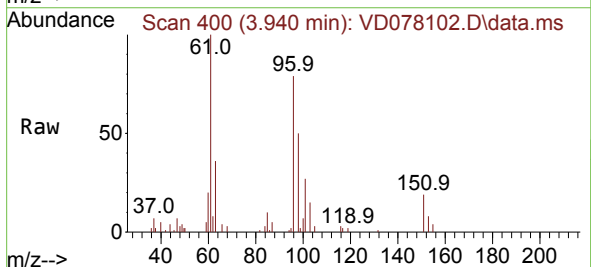
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

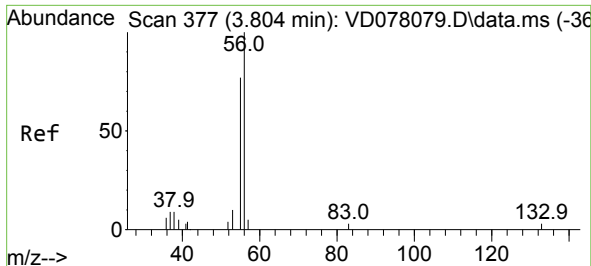
Tgt Ion: 59 Resp: 8838
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 17.382 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 96 Resp: 27311
Ion Ratio Lower Upper
96 100
61 127.1 100.6 150.8
98 64.0 50.2 75.2

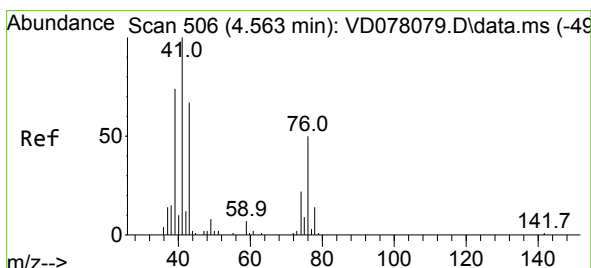
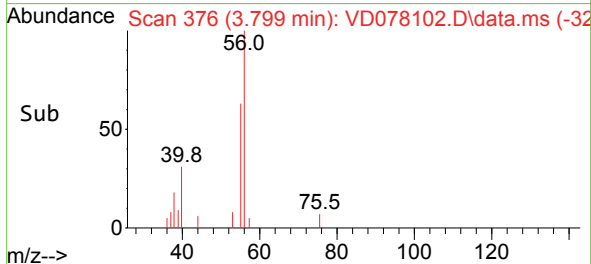
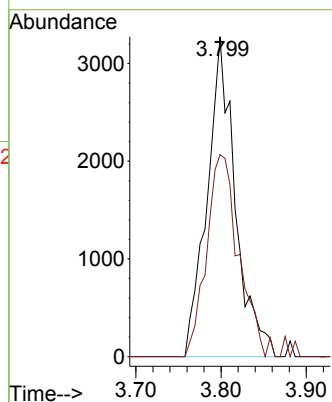
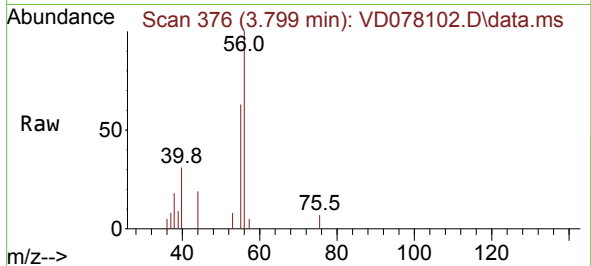




#13
Acrolein
Concen: 96.577 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

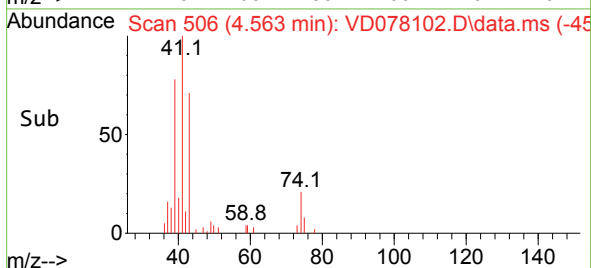
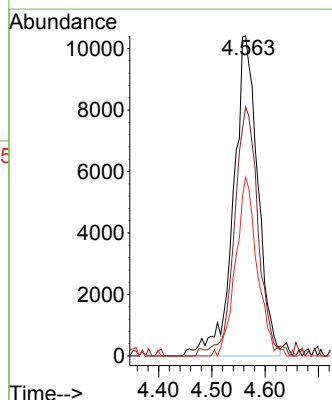
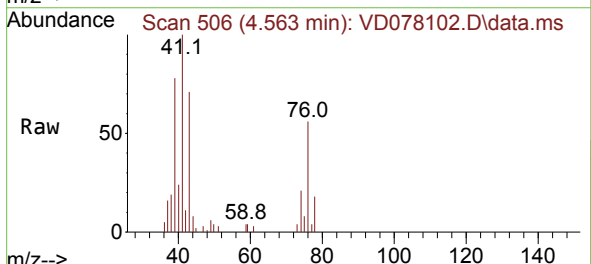
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

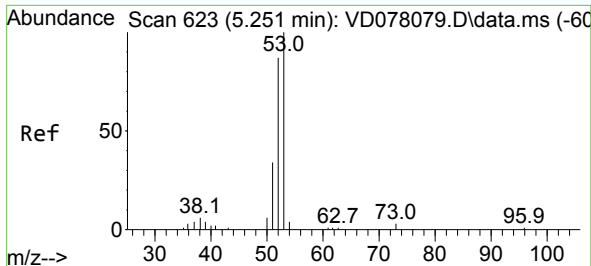
Tgt Ion: 56 Resp: 7525
Ion Ratio Lower Upper
56 100
55 72.3 55.1 82.7



#14
Allyl chloride
Concen: 17.495 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 41 Resp: 33227
Ion Ratio Lower Upper
41 100
39 75.3 53.8 80.6
76 49.1 45.8 68.8

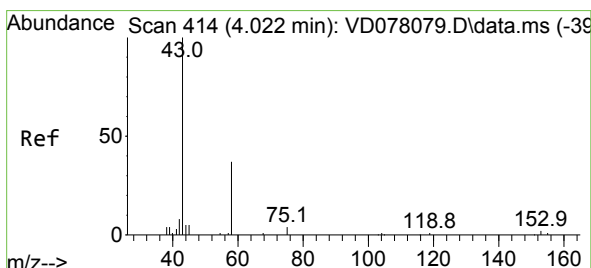
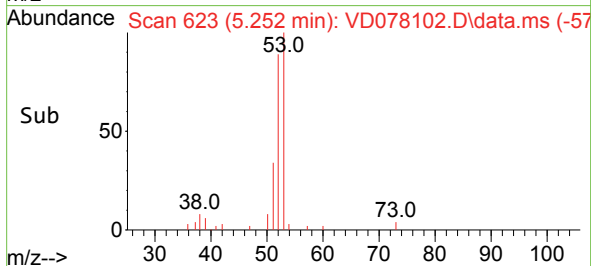
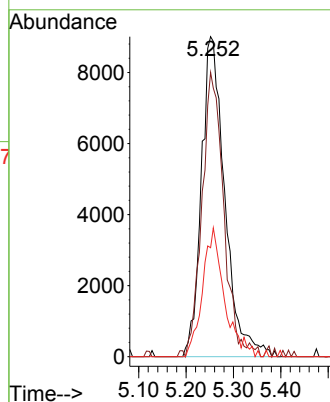
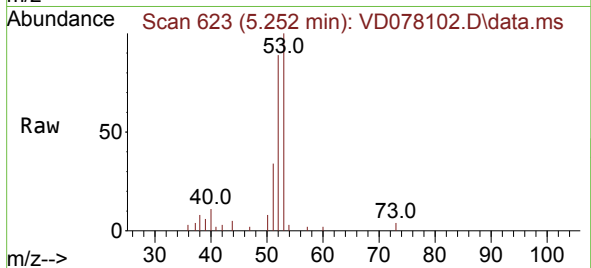




#15
Acrylonitrile
Concen: 94.684 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

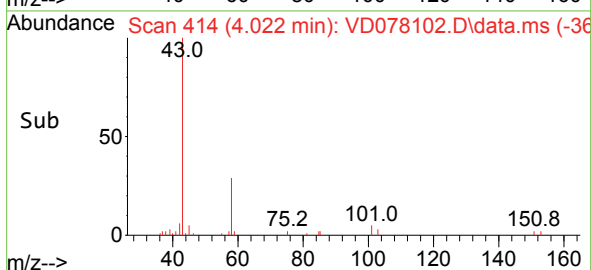
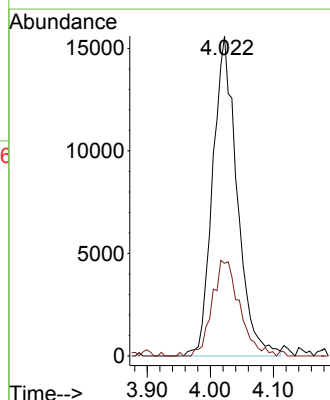
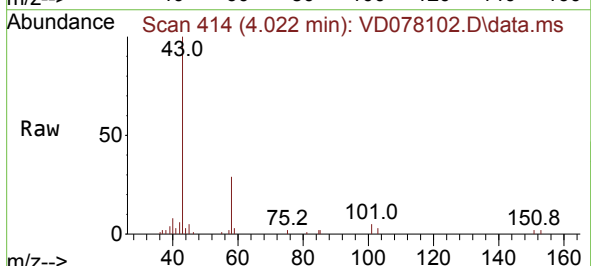
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

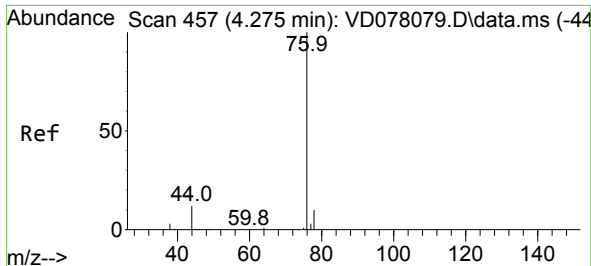
Tgt Ion:	53	Resp:	30965
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.4
51	37.6	28.3	42.5



#16
Acetone
Concen: 124.808 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:	43	Resp:	41863
Ion	Ratio	Lower	Upper
43	100		
58	27.9	34.7	52.1#

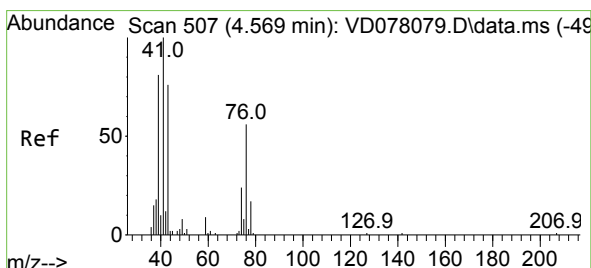
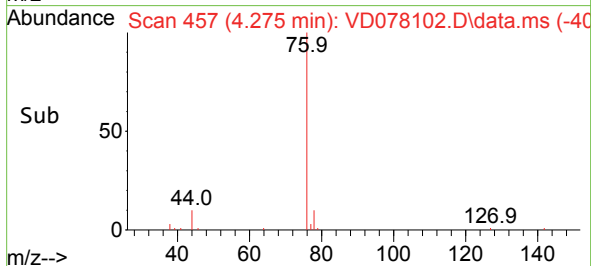
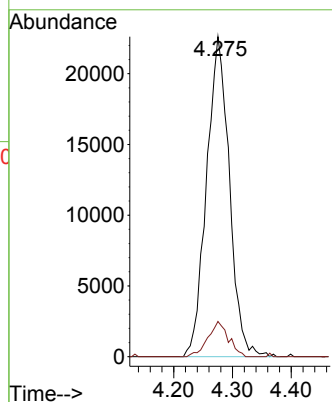
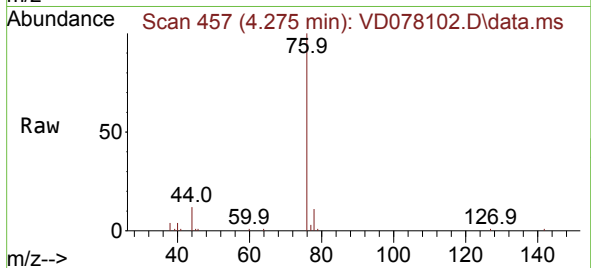




#17
Carbon Disulfide
Concen: 15.718 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

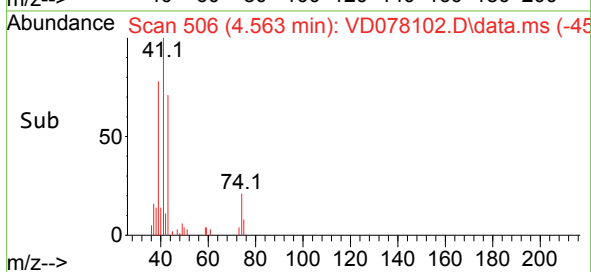
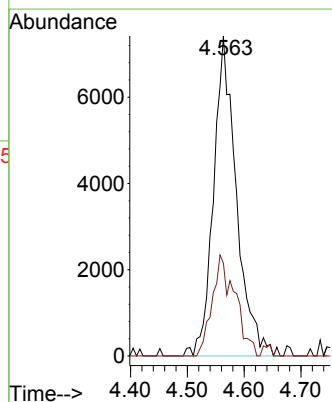
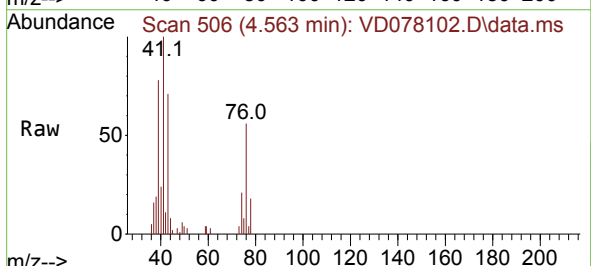
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

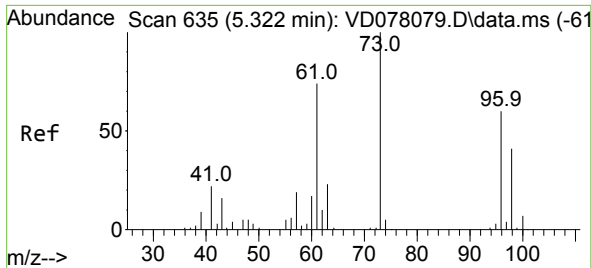
Tgt Ion: 76 Resp: 61022
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#



#18
Methyl Acetate
Concen: 17.135 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 43 Resp: 20776
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 18.493 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

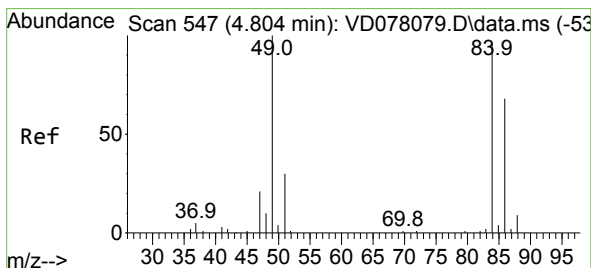
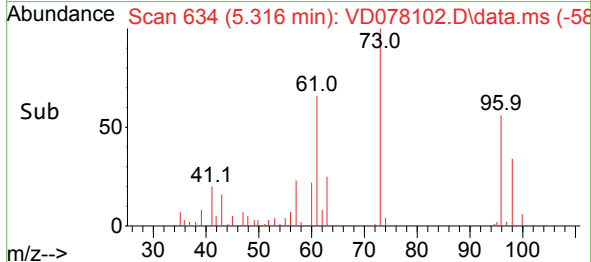
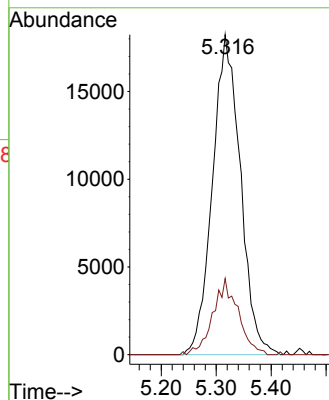
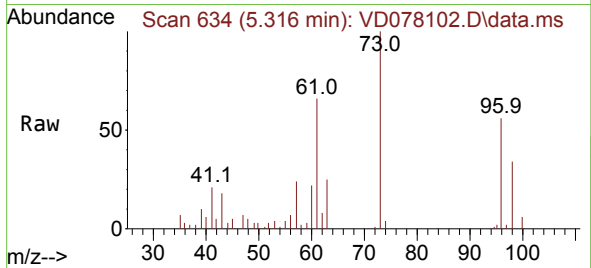
VD1229SBS02

Tgt Ion: 73 Resp: 64312

Ion Ratio Lower Upper

73 100

57 23.8 16.6 25.0



#20

Methylene Chloride

Concen: 22.017 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Tgt Ion: 84 Resp: 43144

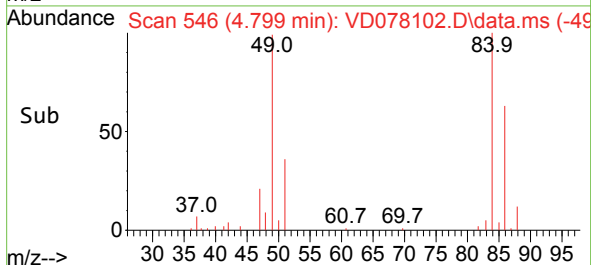
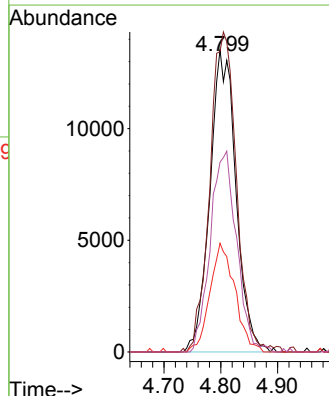
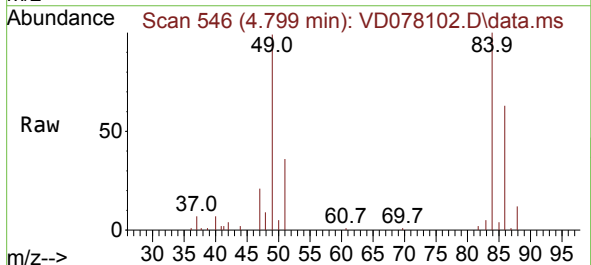
Ion Ratio Lower Upper

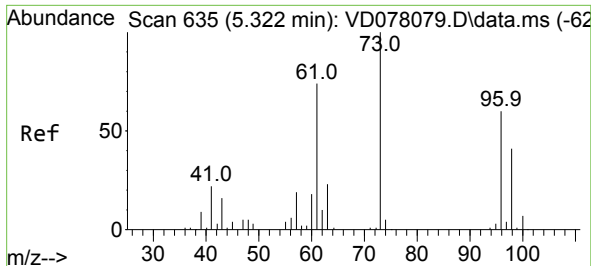
84 100

49 99.3 71.4 107.2

51 35.9 24.5 36.7

86 62.8 48.7 73.1

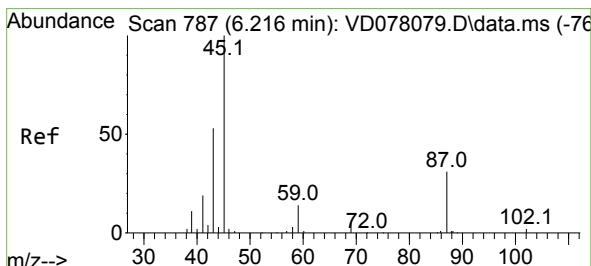
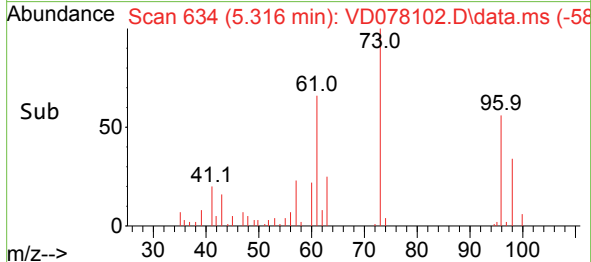
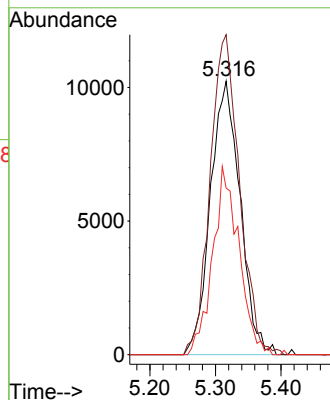
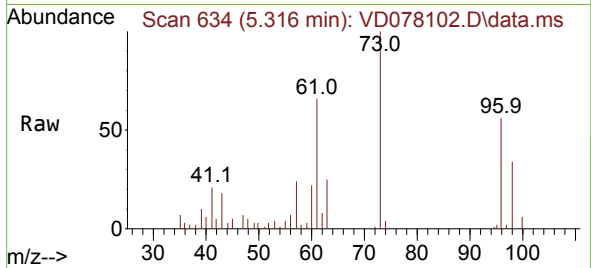




#21
trans-1,2-Dichloroethene
Concen: 17.851 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

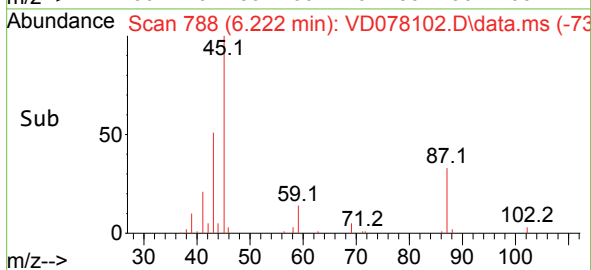
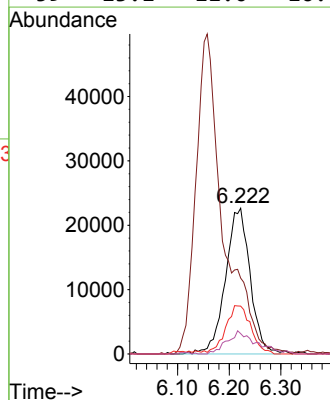
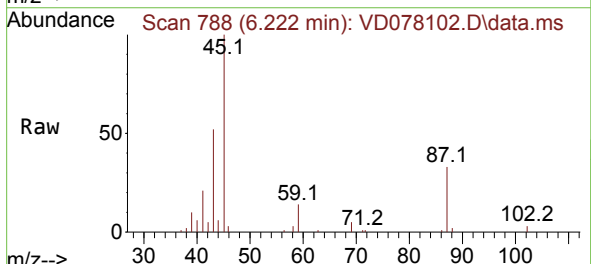
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

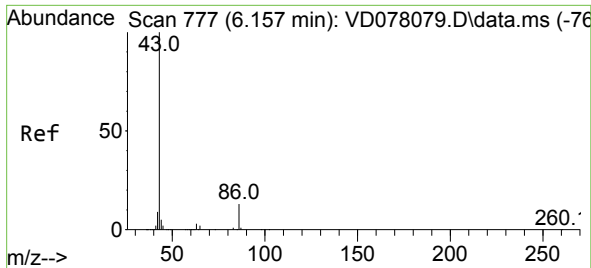
Tgt Ion: 96 Resp: 32242
Ion Ratio Lower Upper
96 100
61 117.0 89.3 133.9
98 60.9 48.6 73.0



#22
Diisopropyl ether
Concen: 17.677 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 45 Resp: 74990
Ion Ratio Lower Upper
45 100
43 49.4 40.0 60.0
87 32.8 28.2 42.4
59 13.1 11.0 16.4

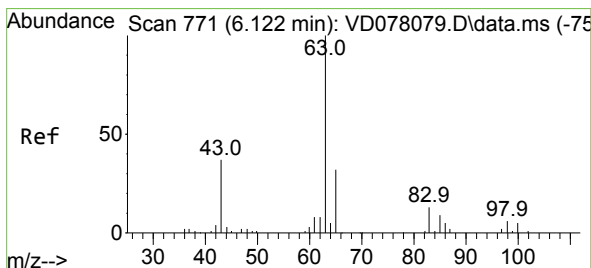
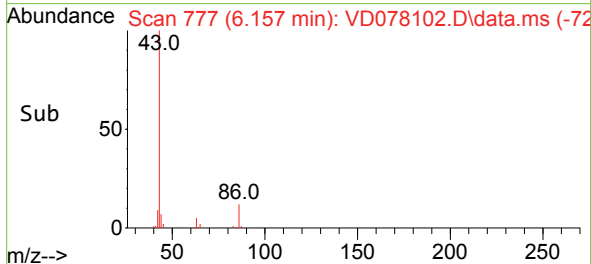
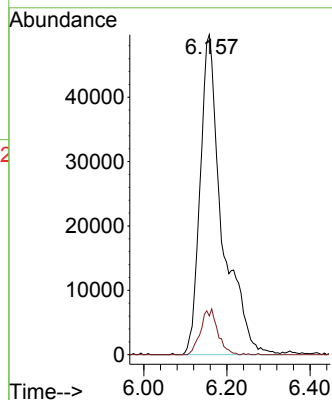
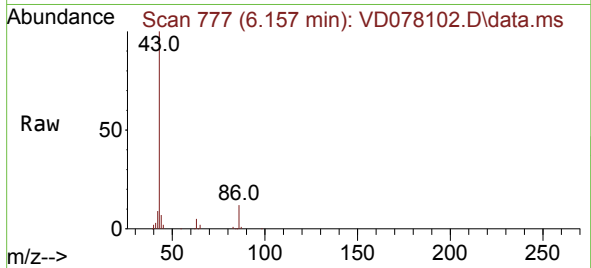




#23
 Vinyl Acetate
 Concen: 112.606 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078102.D
 Acq: 29 Dec 2023 12:12

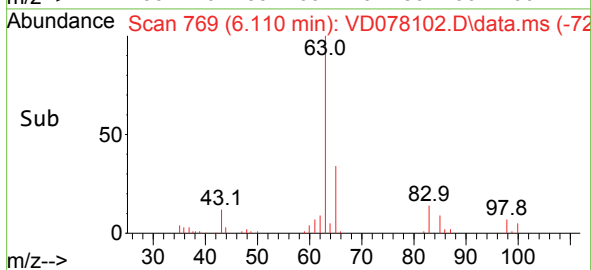
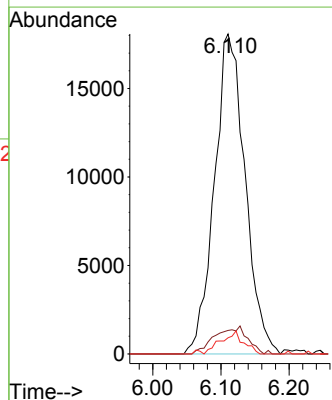
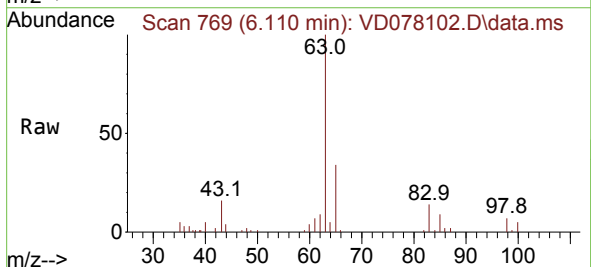
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS02

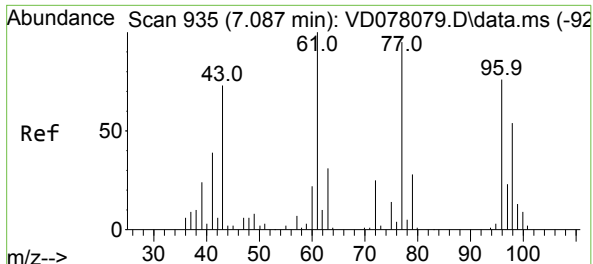
Tgt Ion: 43 Resp: 182625
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.006 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078102.D
 Acq: 29 Dec 2023 12:12

Tgt Ion: 63 Resp: 56526
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.0 2.5 7.5

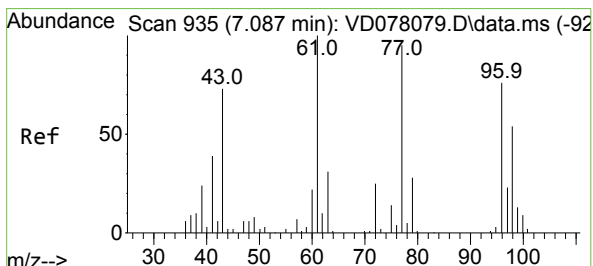
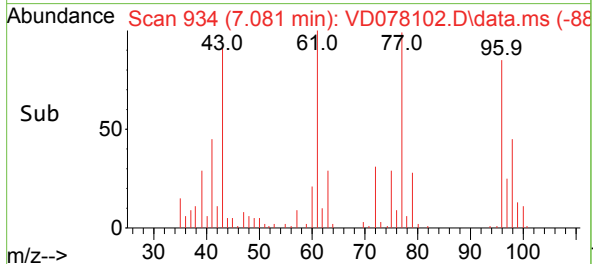
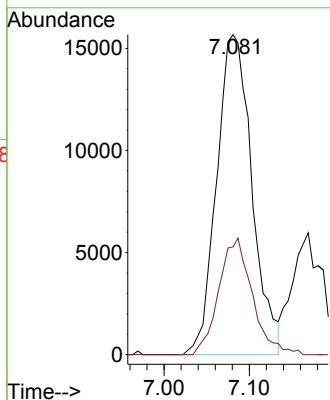
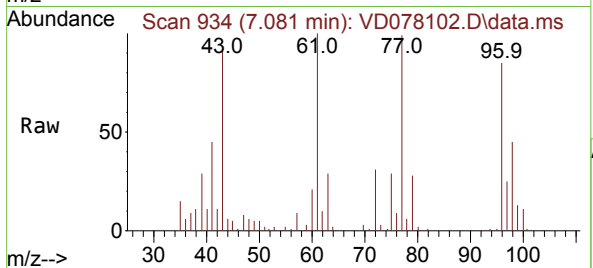




#25
2-Butanone
Concen: 108.152 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

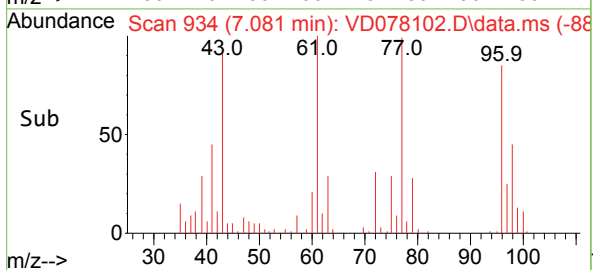
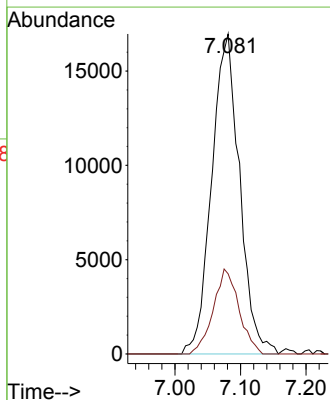
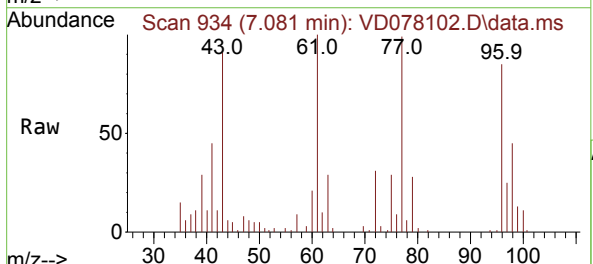
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

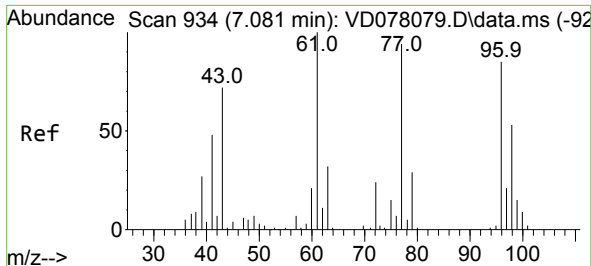
Tgt Ion: 43 Resp: 45151
Ion Ratio Lower Upper
43 100
72 33.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 17.764 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 77 Resp: 50104
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.063 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

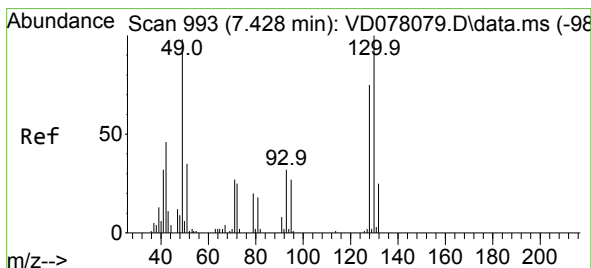
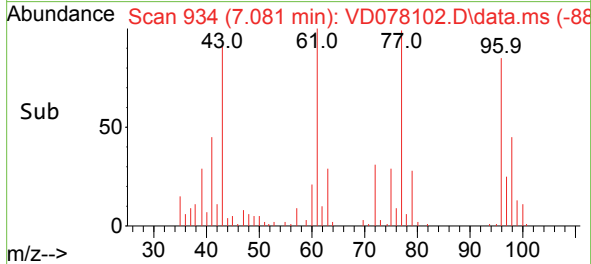
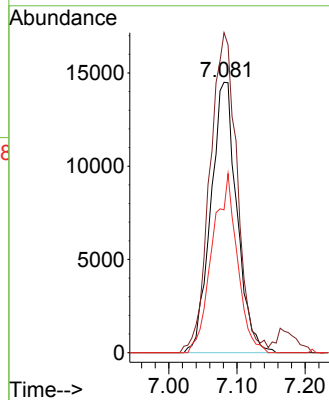
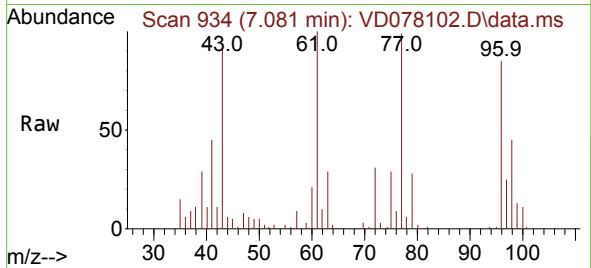
Tgt Ion: 96 Resp: 38705

Ion Ratio Lower Upper

96 100

61 123.0 0.0 239.2

98 63.3 0.0 128.6



#28

Bromochloromethane

Concen: 18.267 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

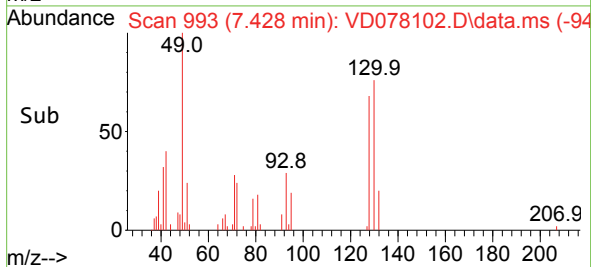
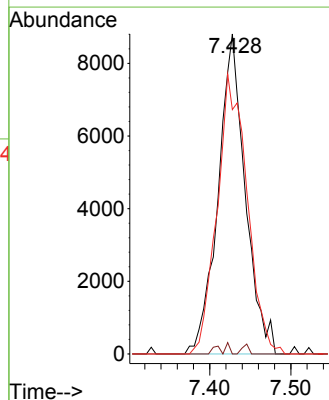
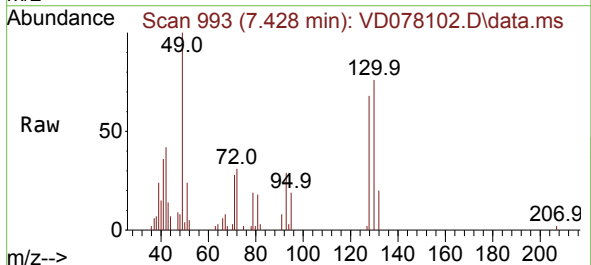
Tgt Ion: 49 Resp: 20517

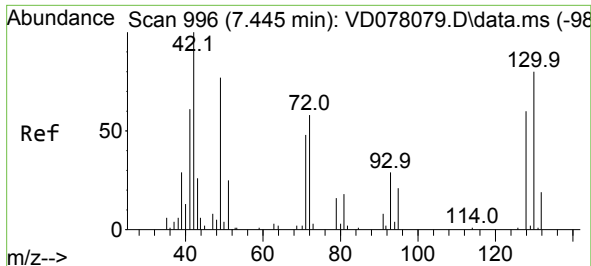
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.0

130 96.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 87.680 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

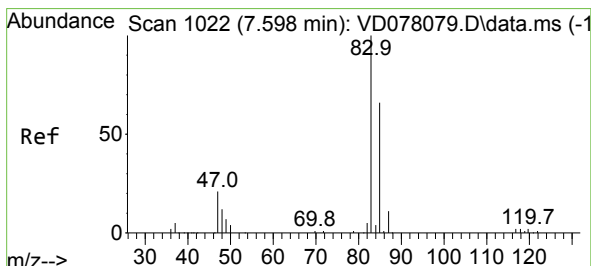
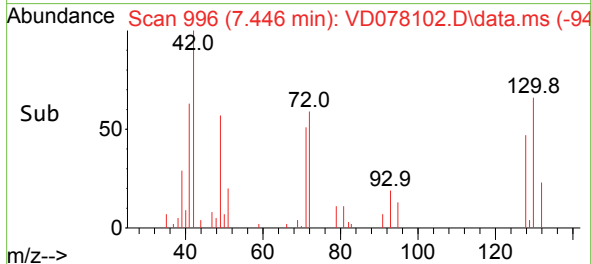
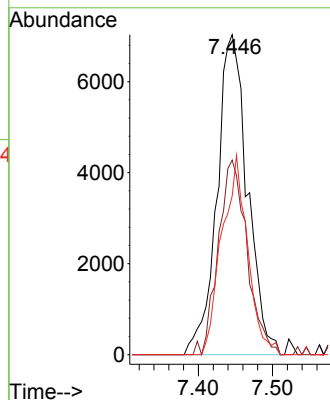
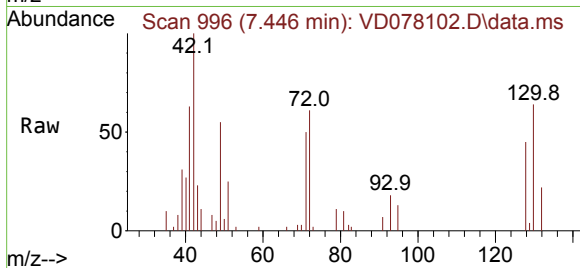
Tgt Ion: 42 Resp: 20080

Ion Ratio Lower Upper

42 100

72 57.4 46.5 69.7

71 52.8 44.5 66.7



#30

Chloroform

Concen: 18.278 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078102.D

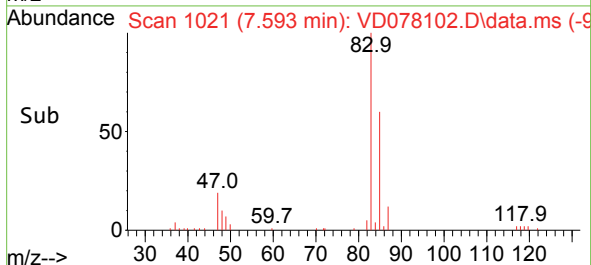
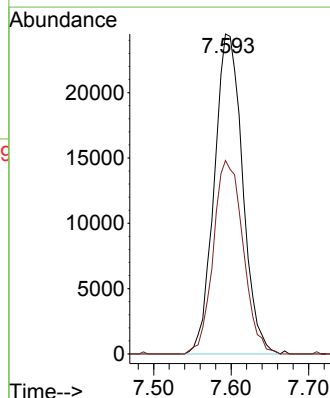
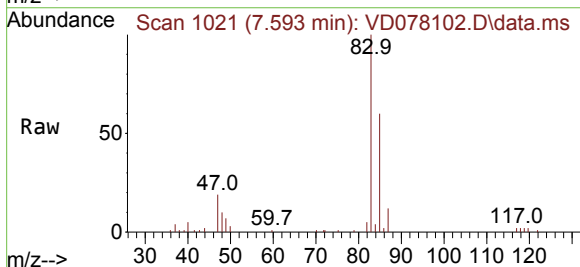
Acq: 29 Dec 2023 12:12

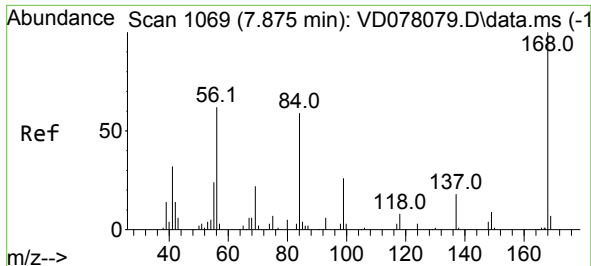
Tgt Ion: 83 Resp: 62183

Ion Ratio Lower Upper

83 100

85 60.5 53.4 80.2

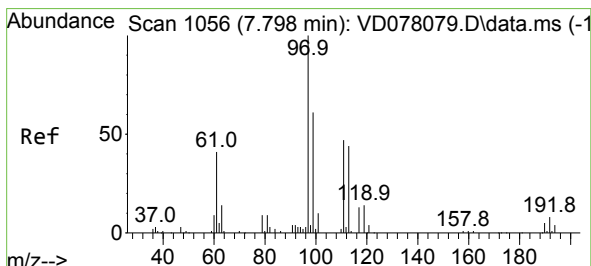
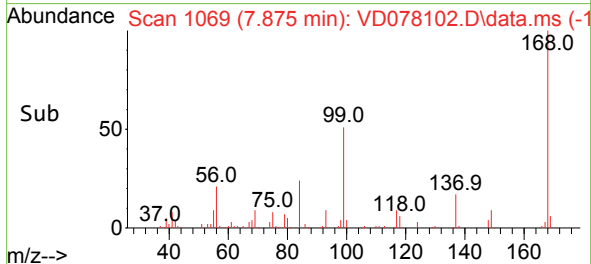
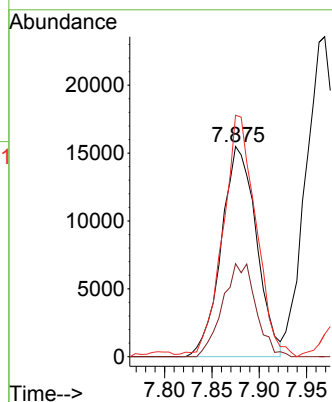
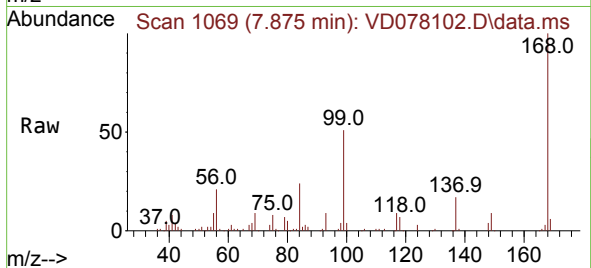




#31
Cyclohexane
Concen: 16.902 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

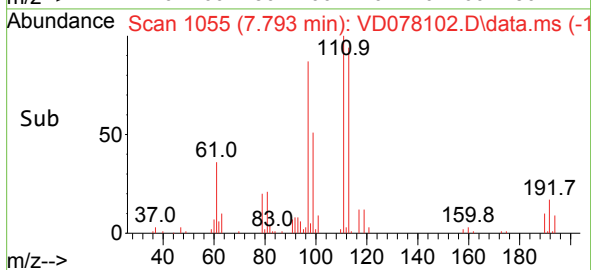
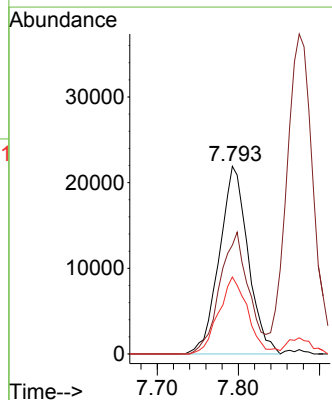
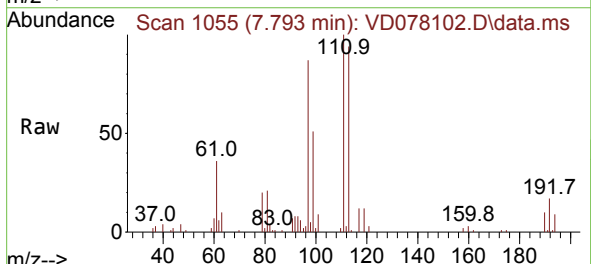
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

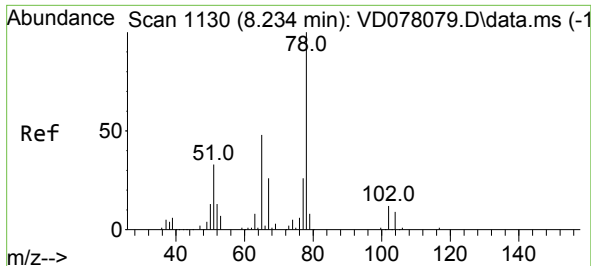
Tgt Ion: 56 Resp: 39889
Ion Ratio Lower Upper
56 100
69 44.2 28.6 43.0#
84 113.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.407 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 97 Resp: 53819
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.529 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

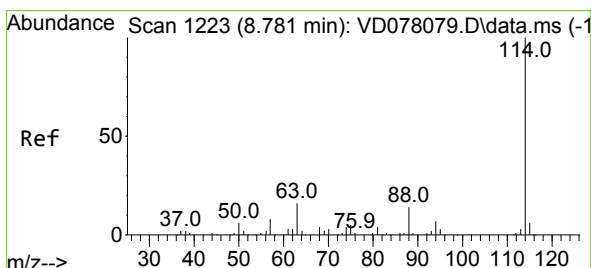
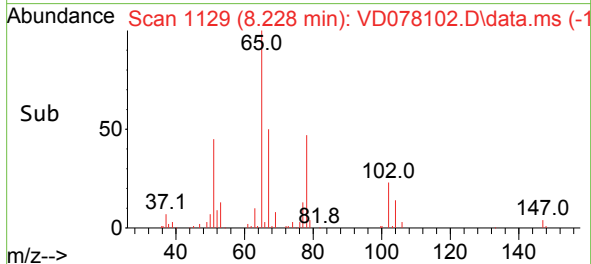
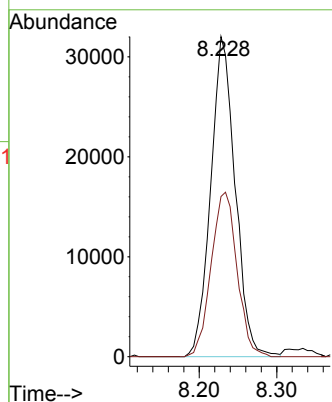
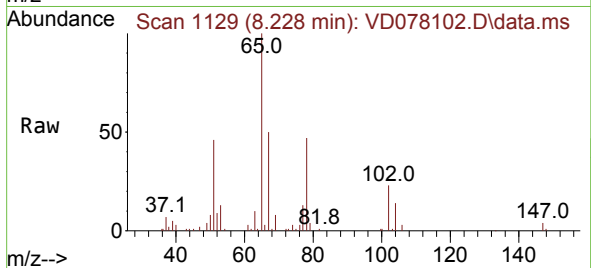
VD1229SBS02

Tgt Ion: 65 Resp: 70315

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

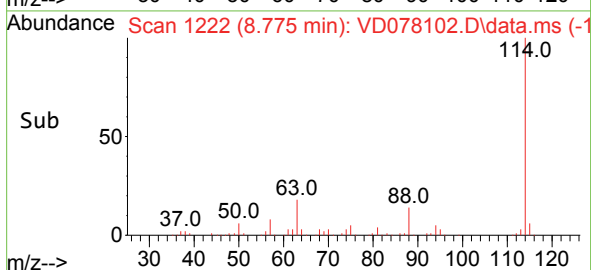
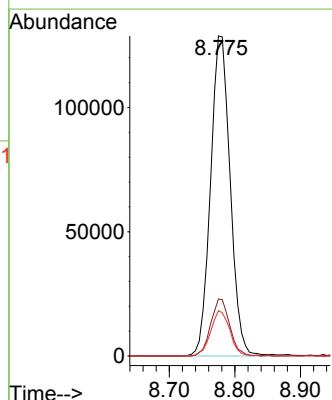
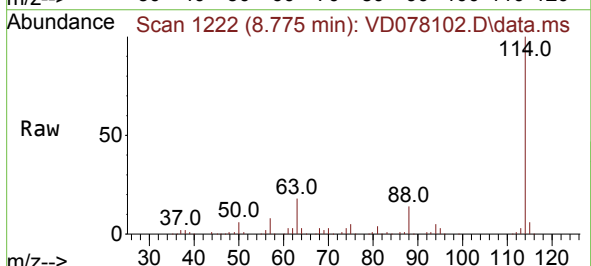
Tgt Ion: 114 Resp: 267962

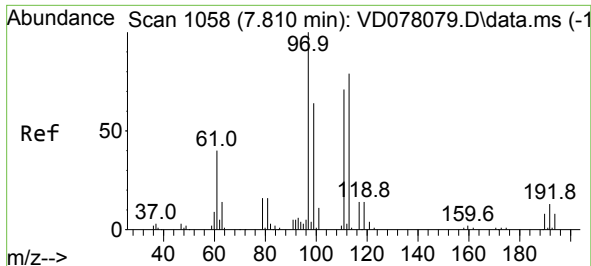
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.1 0.0 26.2

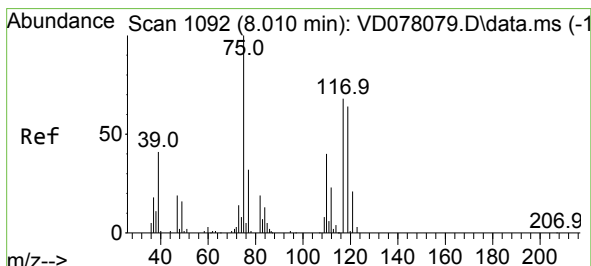
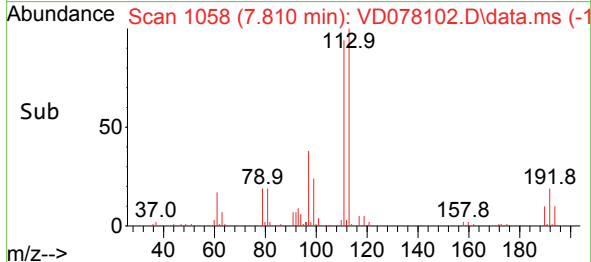
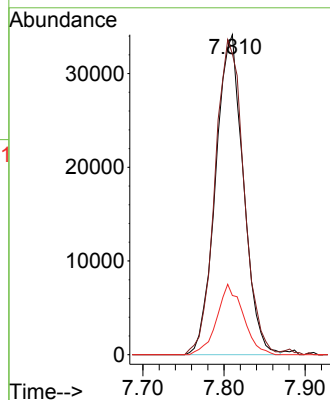
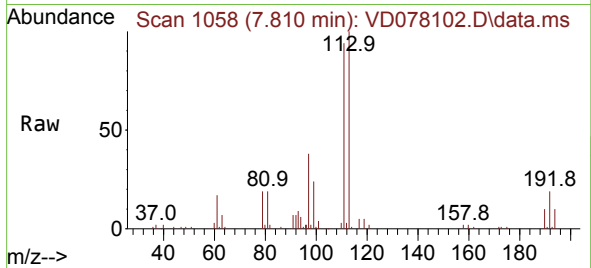




#35
Dibromofluoromethane
Concen: 47.079 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

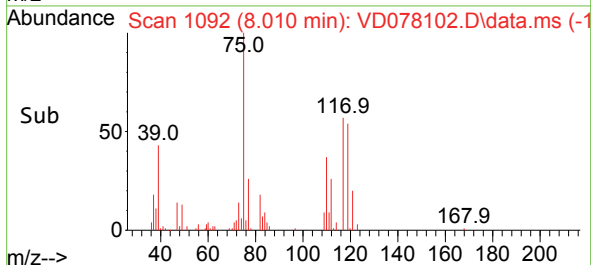
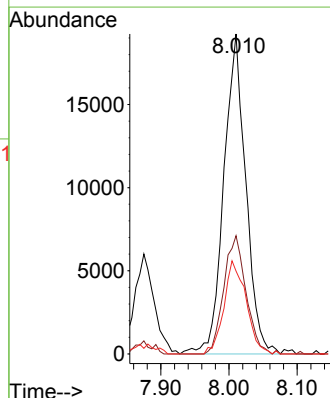
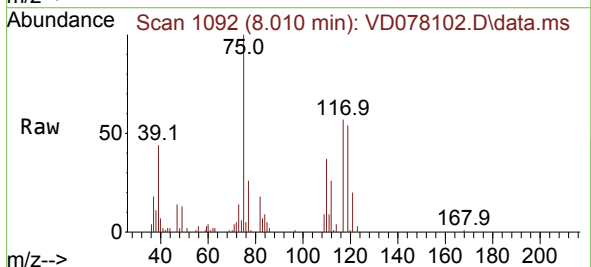
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

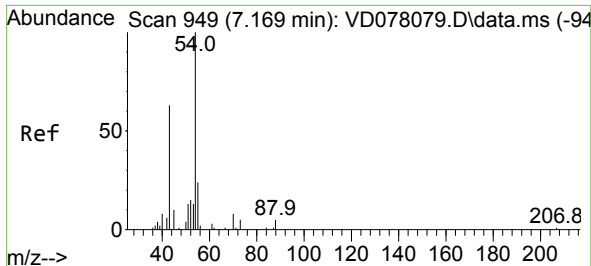
Tgt Ion:113 Resp: 81171
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.813 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 75 Resp: 43212
Ion Ratio Lower Upper
75 100
110 37.2 19.9 59.6
77 29.5 24.7 37.1





#37

Ethyl Acetate

Concen: 17.650 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

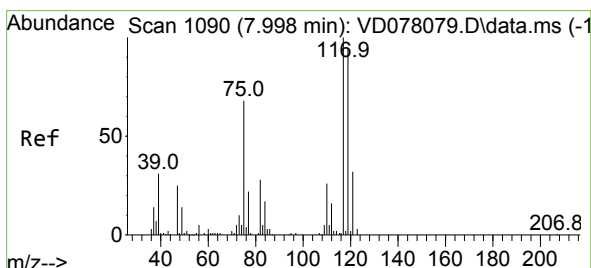
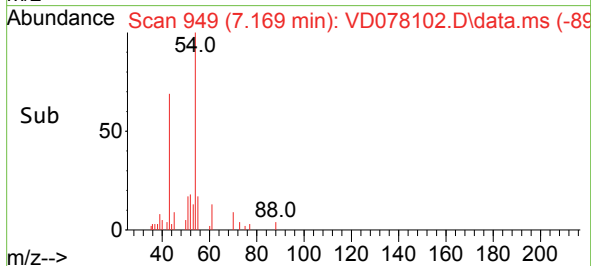
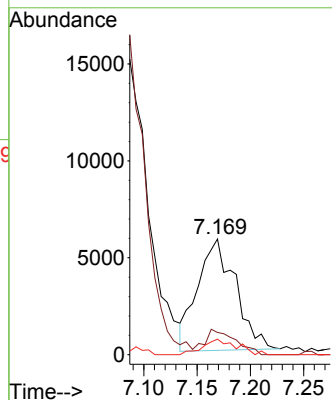
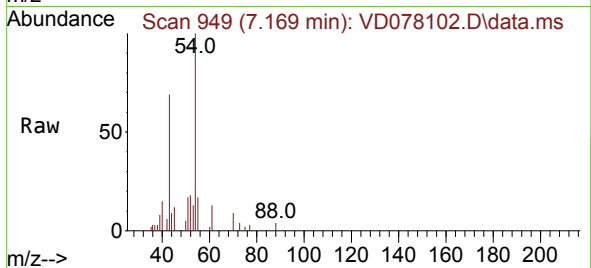
Tgt Ion: 43 Resp: 14241

Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

70 12.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.187 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

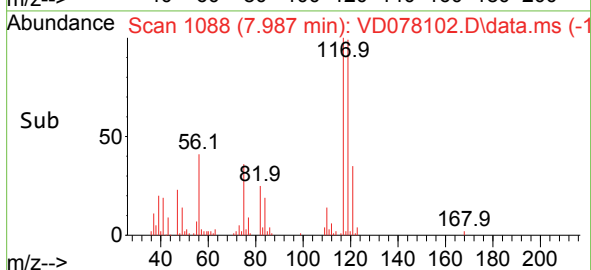
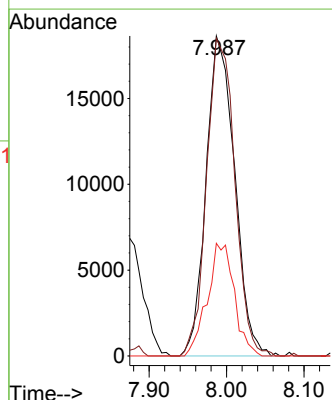
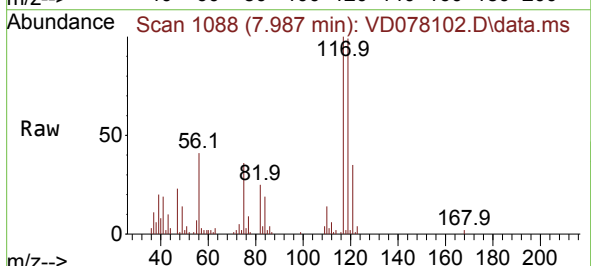
Tgt Ion: 117 Resp: 47809

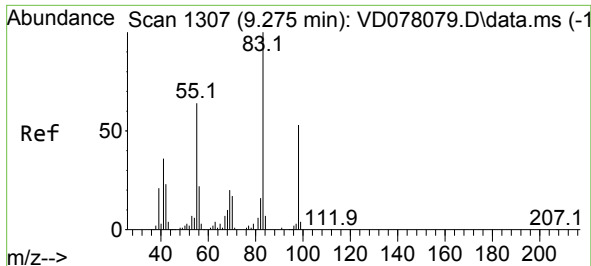
Ion Ratio Lower Upper

117 100

119 99.3 78.0 117.0

121 35.2 24.2 36.2





#39

Methylcyclohexane

Concen: 16.958 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

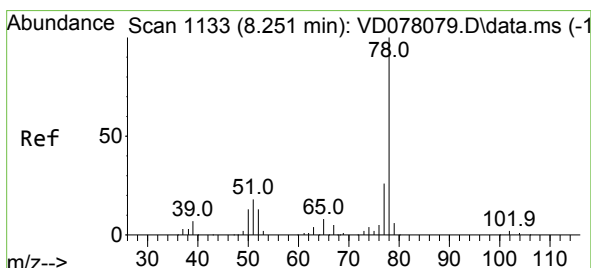
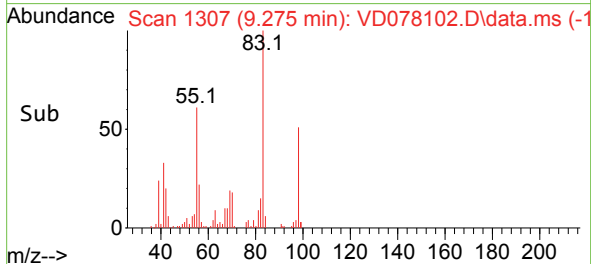
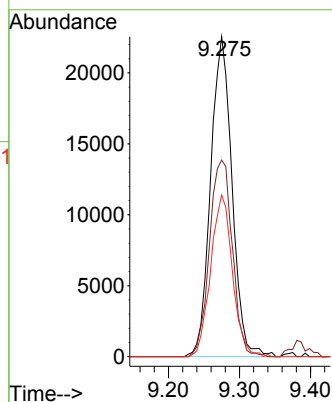
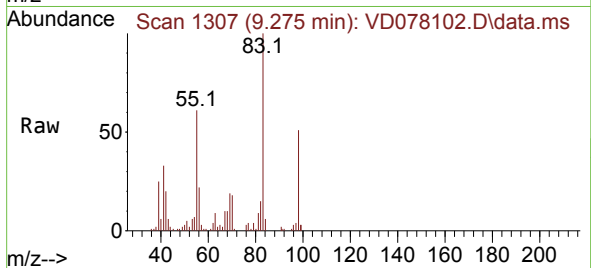
Tgt Ion: 83 Resp: 47164

Ion Ratio Lower Upper

83 100

55 61.4 49.4 74.0

98 50.5 38.4 57.6



#40

Benzene

Concen: 18.055 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078102.D

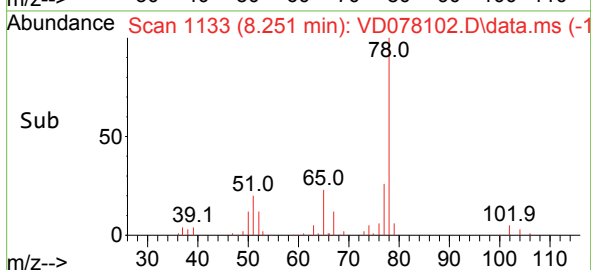
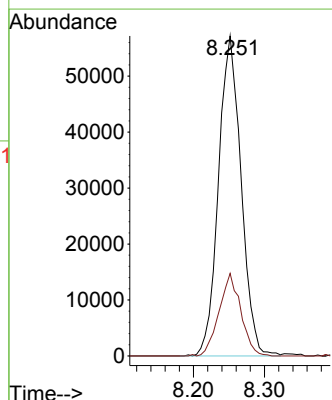
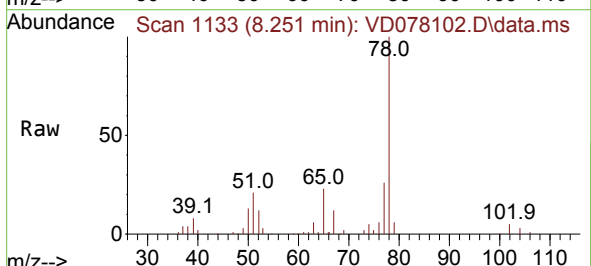
Acq: 29 Dec 2023 12:12

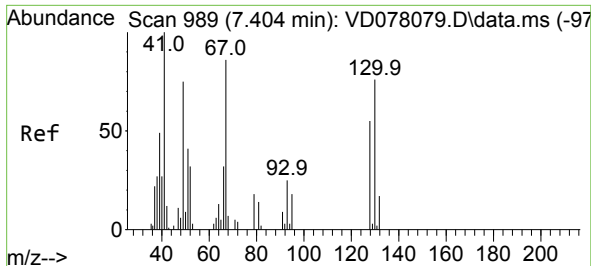
Tgt Ion: 78 Resp: 126243

Ion Ratio Lower Upper

78 100

77 25.8 19.4 29.0

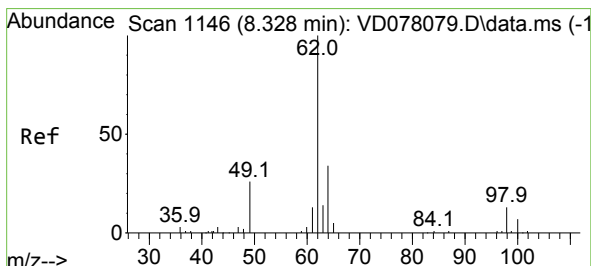
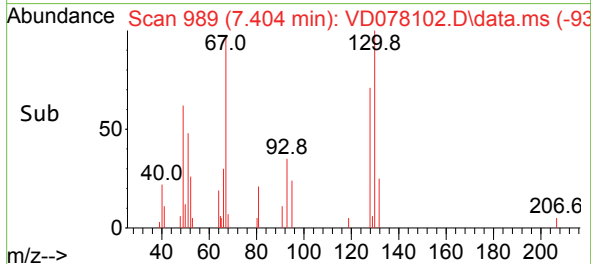
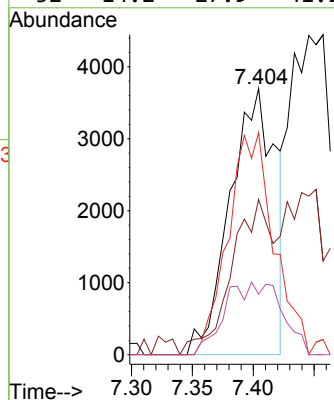
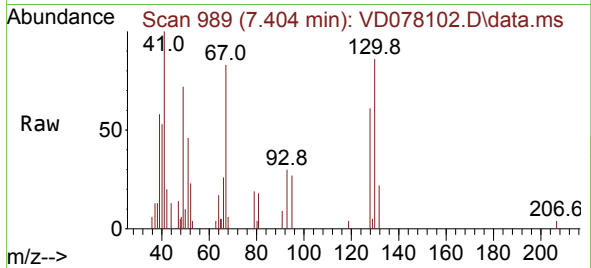




#41
Methacrylonitrile
Concen: 18.748 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

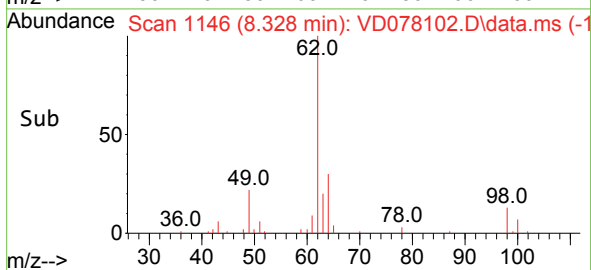
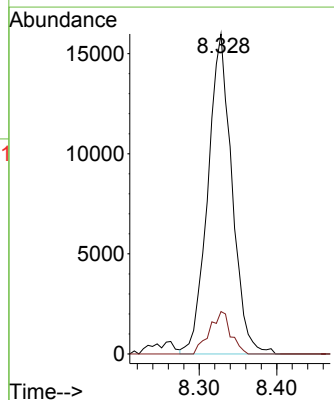
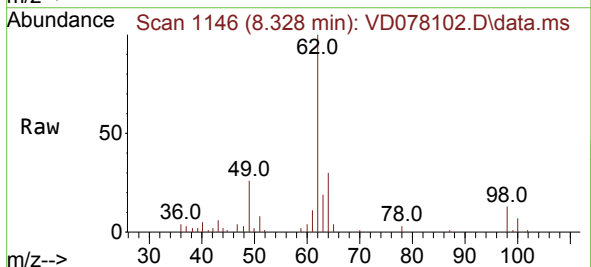
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

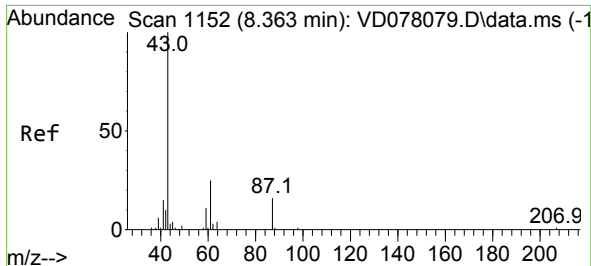
Tgt Ion: 41 Resp: 9570
Ion Ratio Lower Upper
41 100
39 51.2 34.0 51.0#
67 85.8 77.0 115.4
52 14.2 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 18.290 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 62 Resp: 34561
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

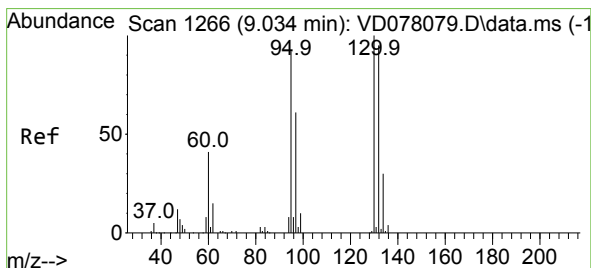
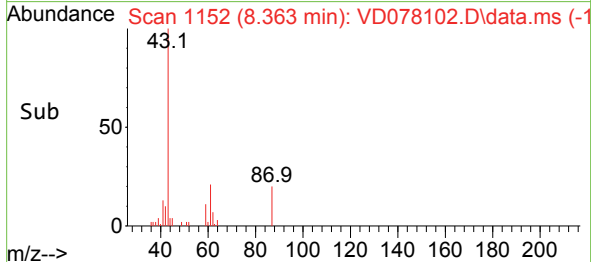
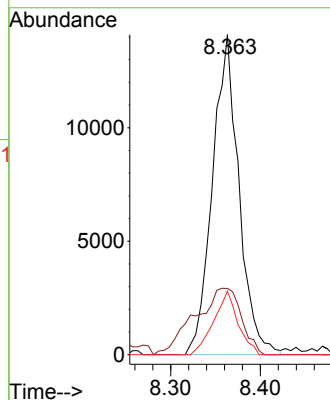
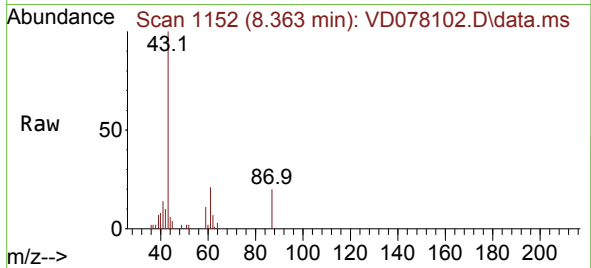




#43
Isopropyl Acetate
Concen: 17.853 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

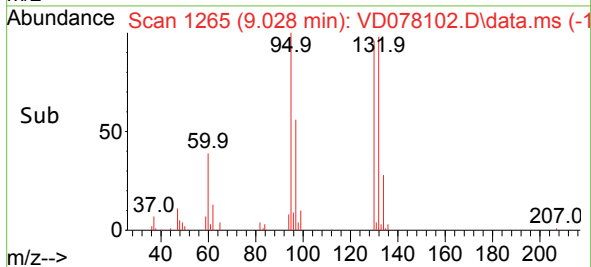
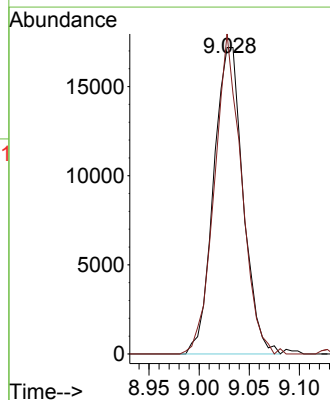
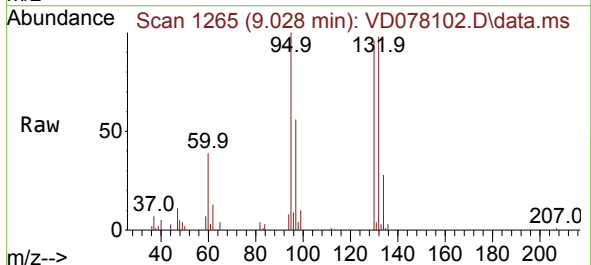
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

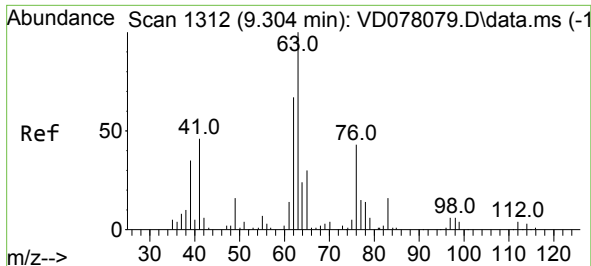
Tgt Ion: 43 Resp: 28838
Ion Ratio Lower Upper
43 100
61 36.3 31.4 47.0
87 18.3 14.9 22.3



#44
Trichloroethene
Concen: 17.506 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:130 Resp: 35215
Ion Ratio Lower Upper
130 100
95 104.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 17.856 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

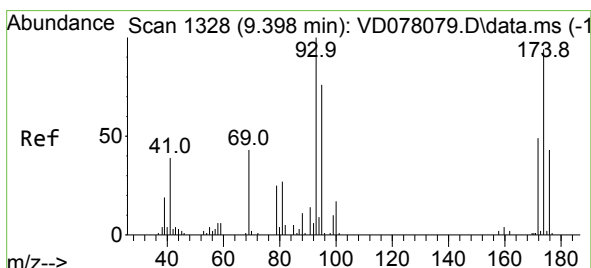
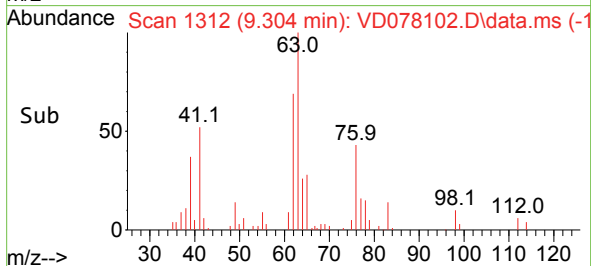
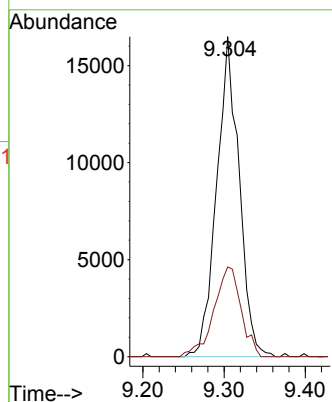
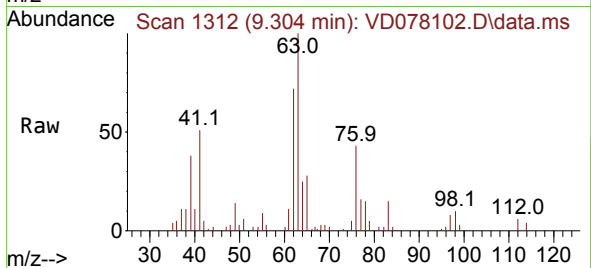
VD1229SBS02

Tgt Ion: 63 Resp: 31636

Ion Ratio Lower Upper

63 100

65 28.1 24.5 36.7



#46

Dibromomethane

Concen: 18.678 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

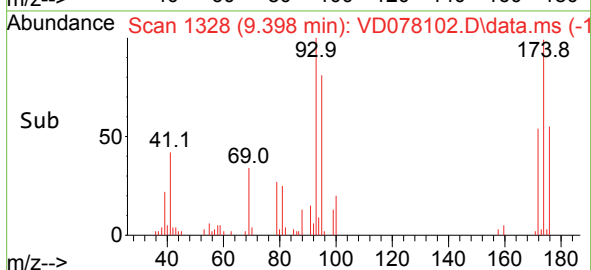
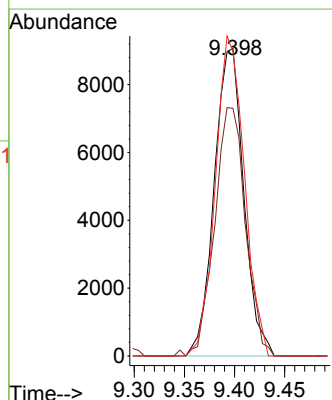
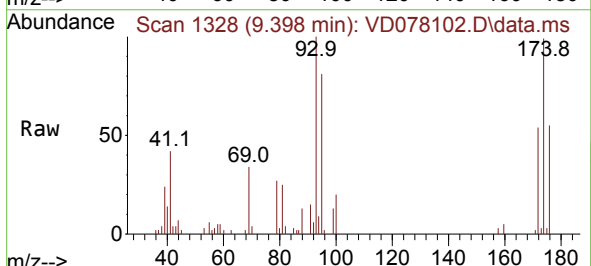
Tgt Ion: 93 Resp: 18535

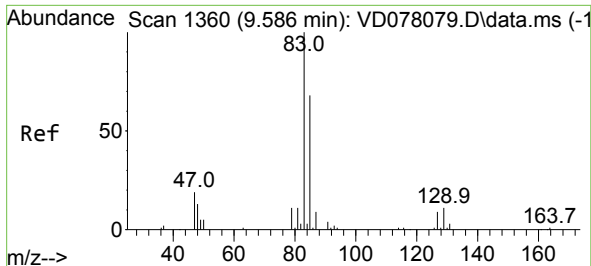
Ion Ratio Lower Upper

93 100

95 84.4 67.7 101.5

174 102.3 85.4 128.2

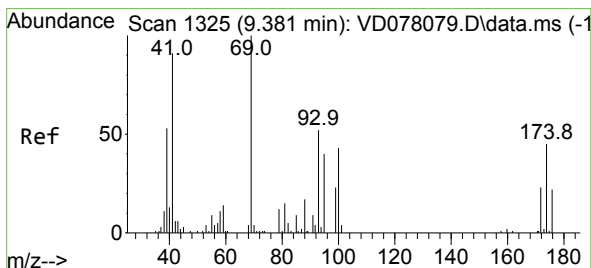
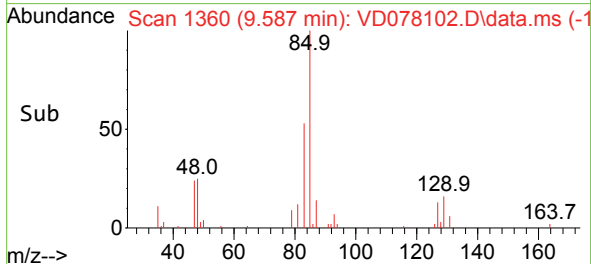
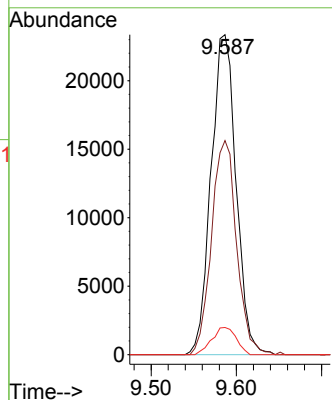
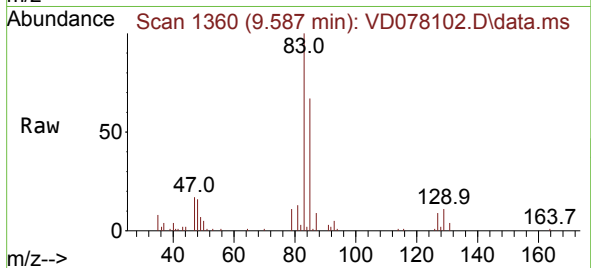




#47
Bromodichloromethane
Concen: 18.518 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

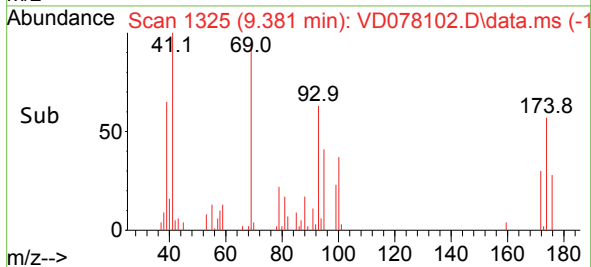
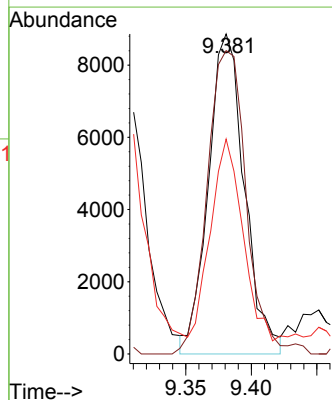
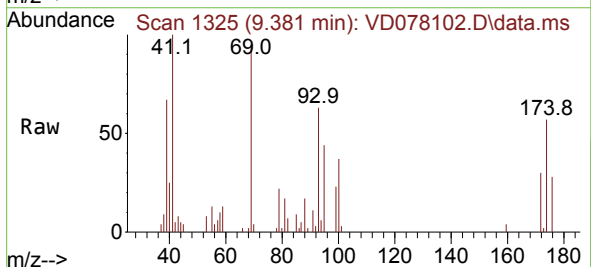
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

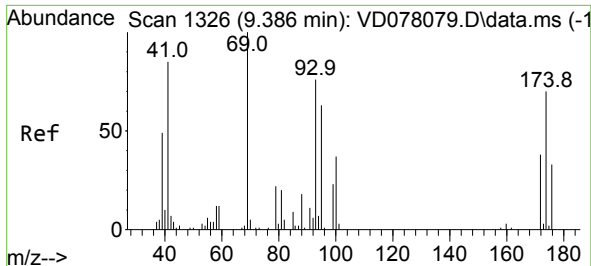
Tgt Ion: 83 Resp: 47733
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 18.634 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 41 Resp: 16964
Ion Ratio Lower Upper
41 100
69 102.9 102.2 153.2
39 65.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 424.373 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

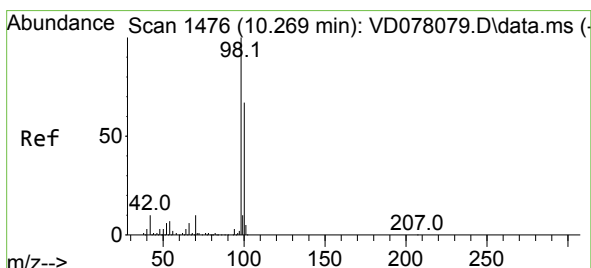
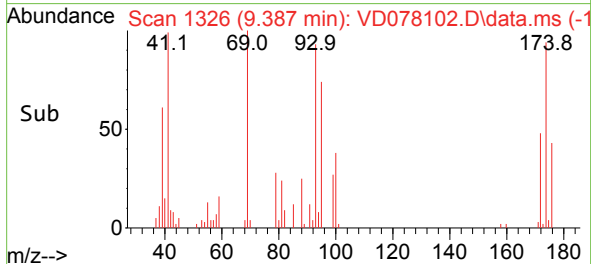
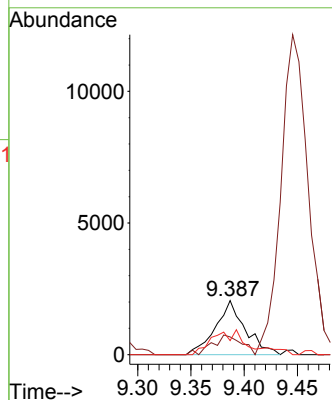
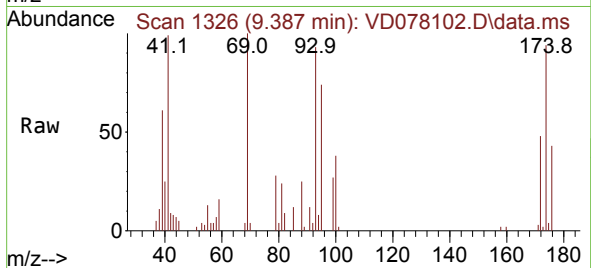
Tgt Ion: 88 Resp: 3981

Ion Ratio Lower Upper

88 100

43 35.5 19.0 28.6#

58 55.9 43.5 65.3



#50

Toluene-d8

Concen: 49.115 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078102.D

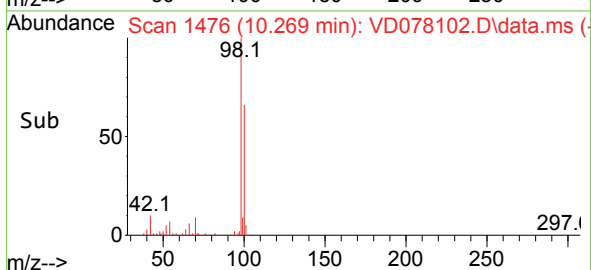
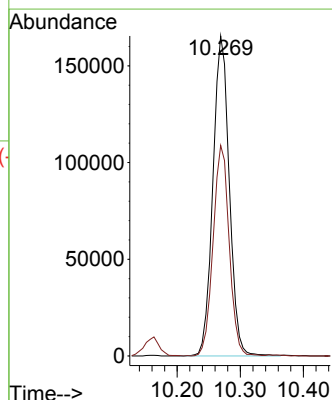
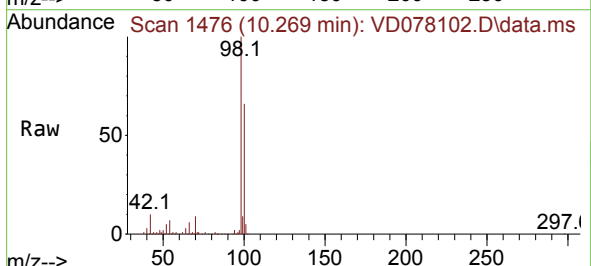
Acq: 29 Dec 2023 12:12

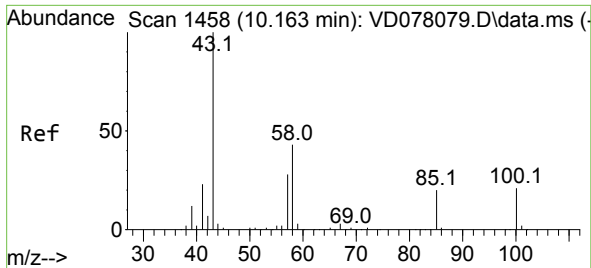
Tgt Ion: 98 Resp: 297967

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

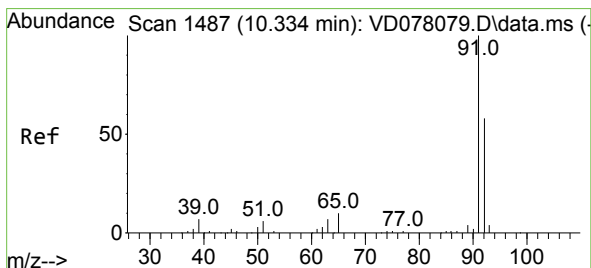
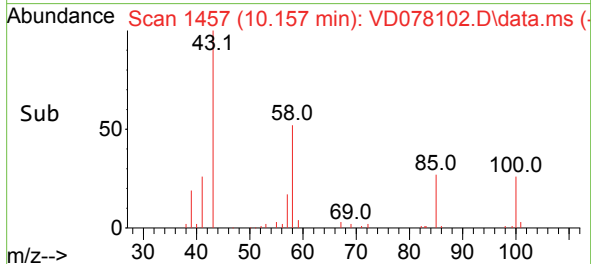
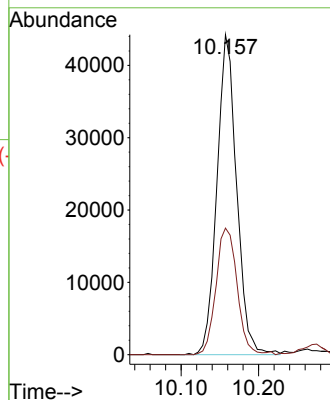
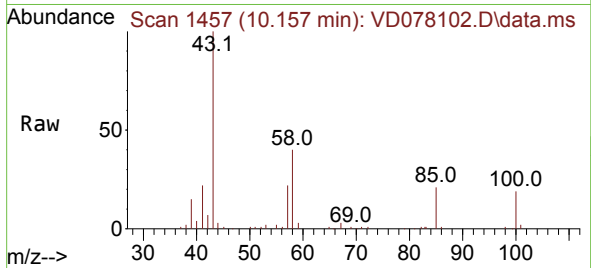




#51
4-Methyl-2-Pentanone
Concen: 94.186 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

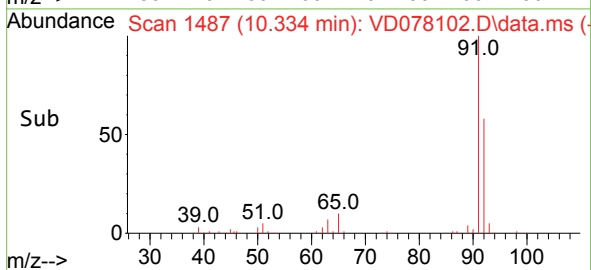
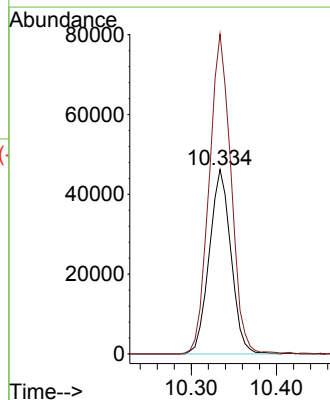
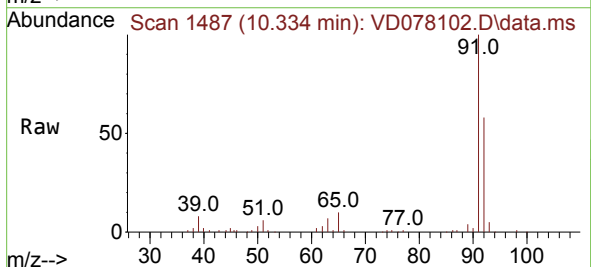
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

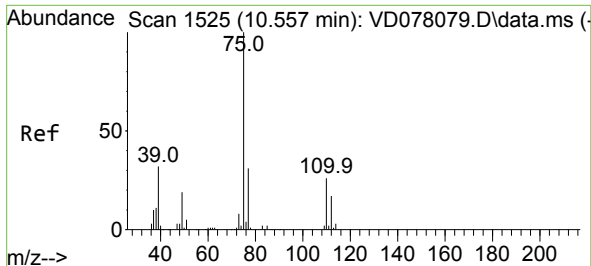
Tgt Ion: 43 Resp: 78067
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 18.042 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 92 Resp: 81821
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 17.925 ug/l

RT: 10.551 min Scan# 1525

Delta R.T. -0.006 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

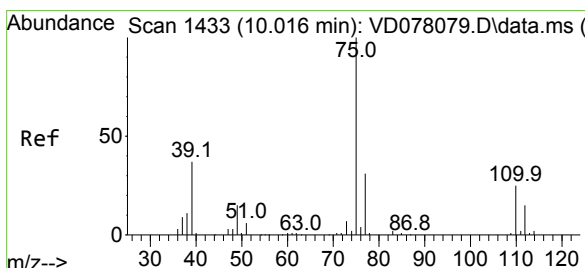
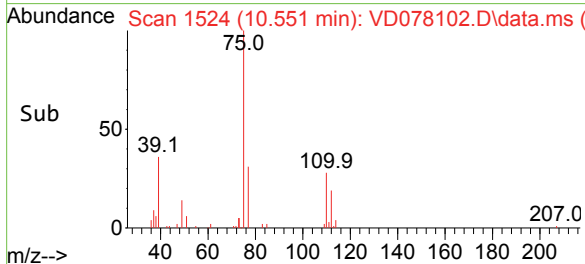
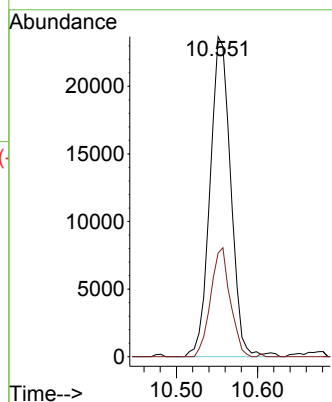
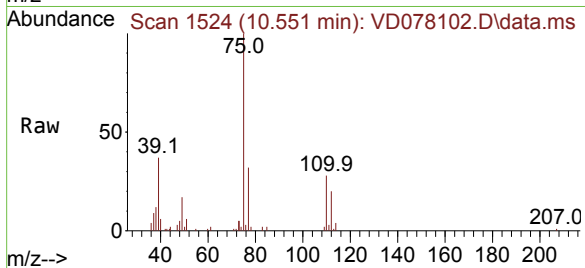
VD1229SBS02

Tgt Ion: 75 Resp: 41921

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.290 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

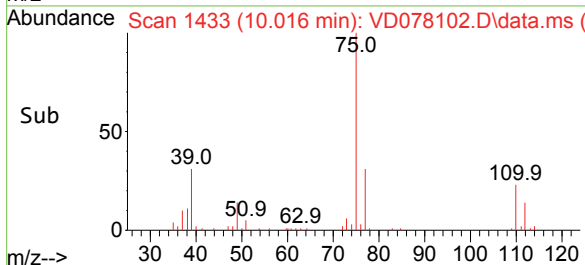
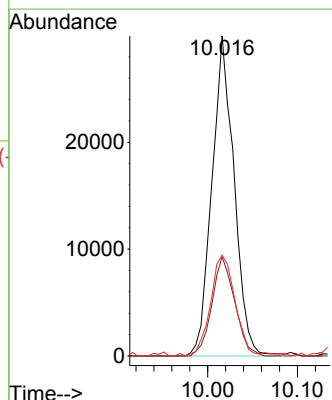
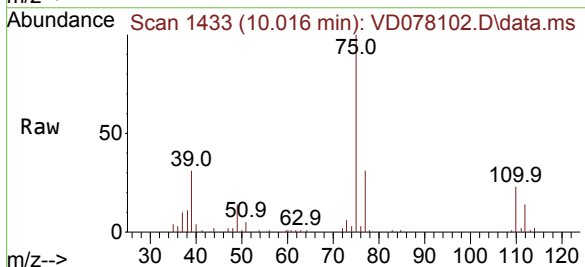
Tgt Ion: 75 Resp: 51368

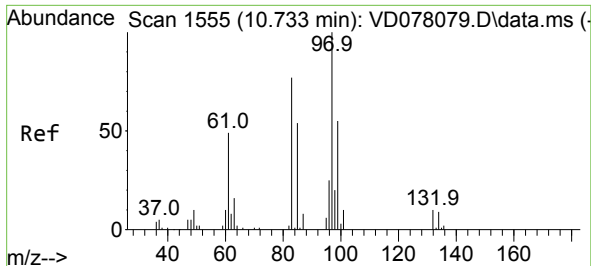
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 30.7 22.1 33.1

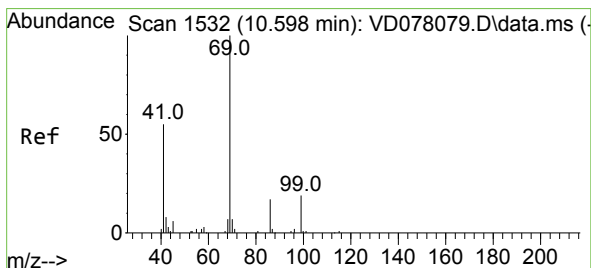
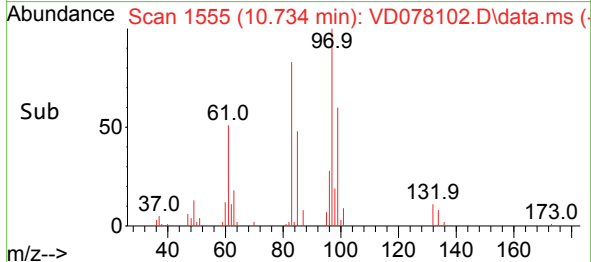
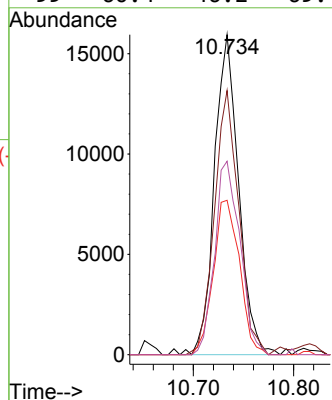
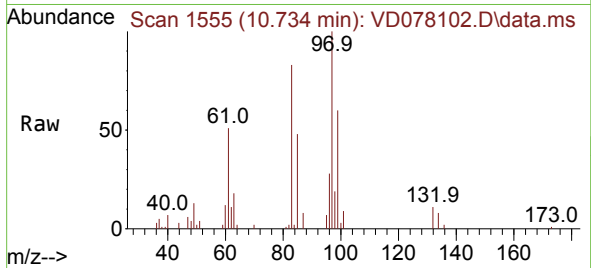




#55
1,1,2-Trichloroethane
Concen: 19.107 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

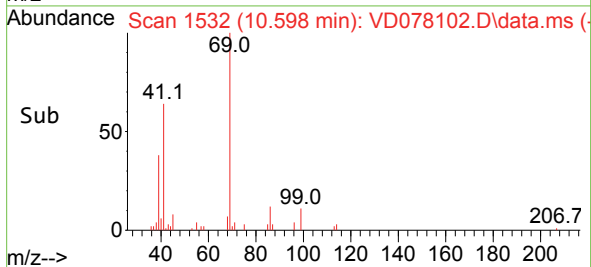
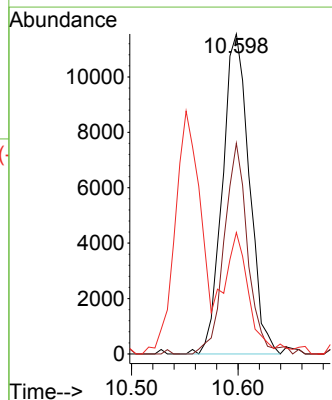
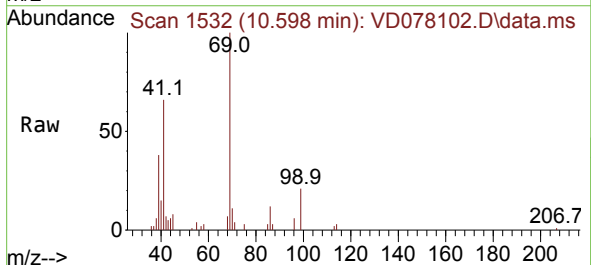
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

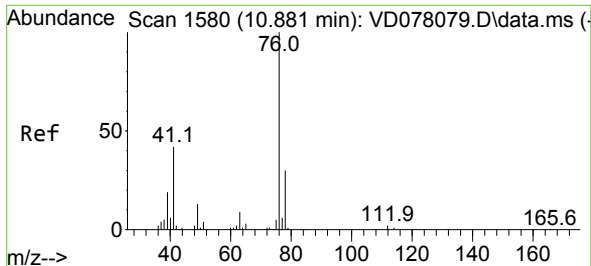
Tgt Ion:	97	Resp:	26682
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.6
85	48.3	45.7	68.5
99	60.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.189 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:	69	Resp:	20157
Ion	Ratio	Lower	Upper
69	100		
41	58.4	39.1	58.7
39	25.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 18.655 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

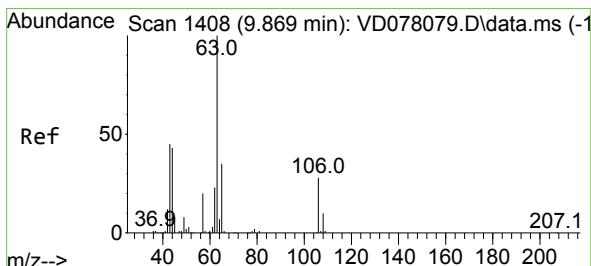
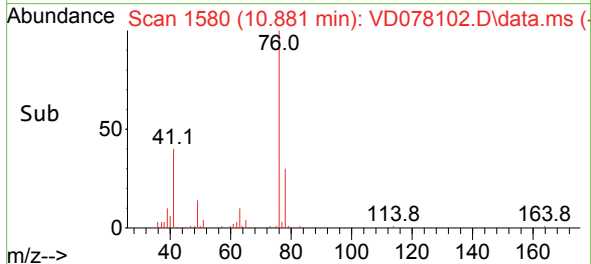
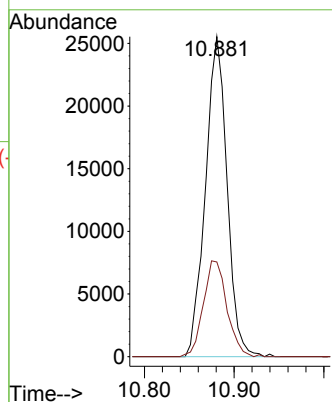
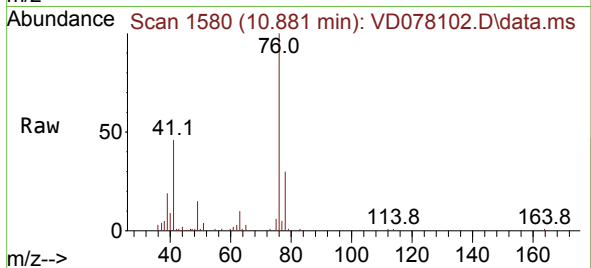
VD1229SBSD02

Tgt Ion: 76 Resp: 42802

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.502 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078102.D

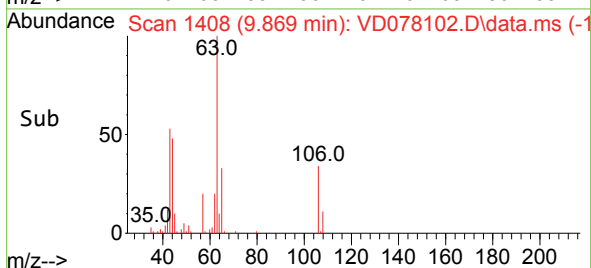
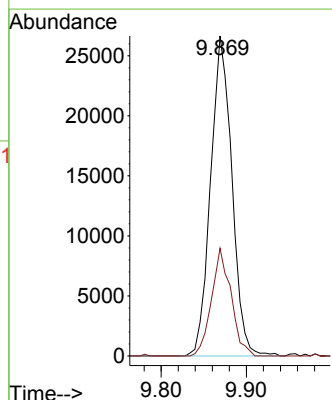
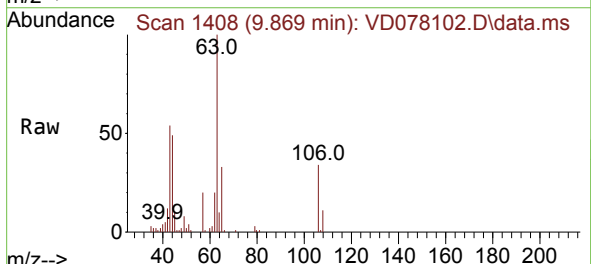
Acq: 29 Dec 2023 12:12

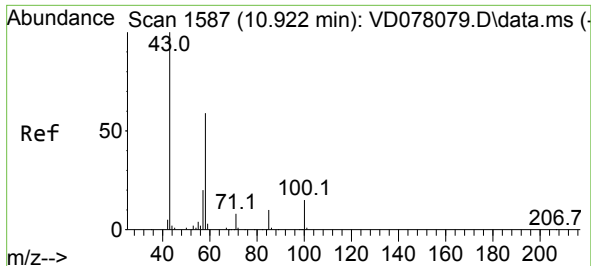
Tgt Ion: 63 Resp: 46301

Ion Ratio Lower Upper

63 100

106 31.0 25.3 37.9

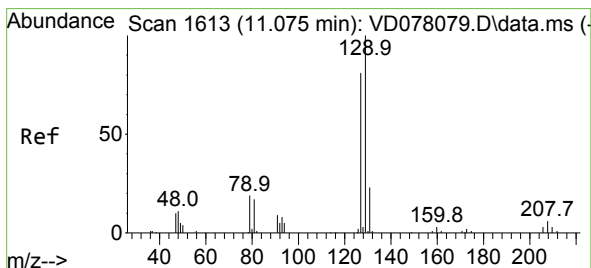
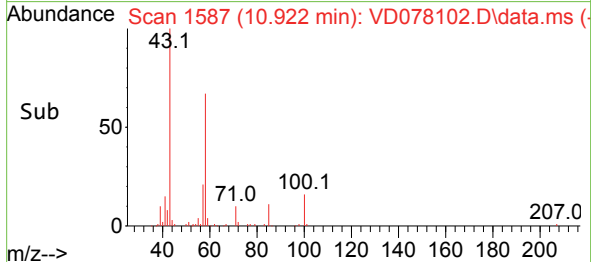
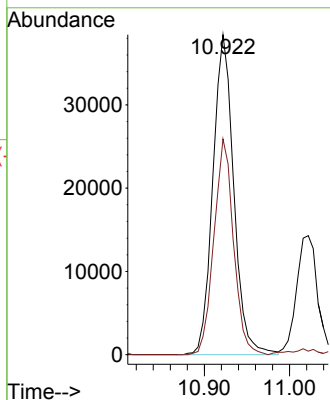
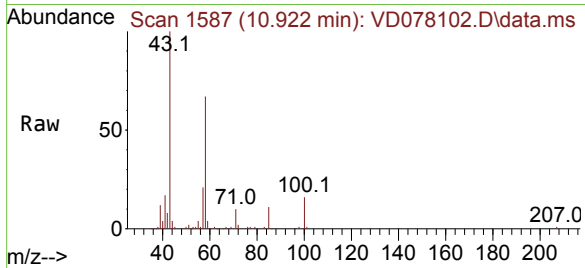




#59
2-Hexanone
Concen: 101.523 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

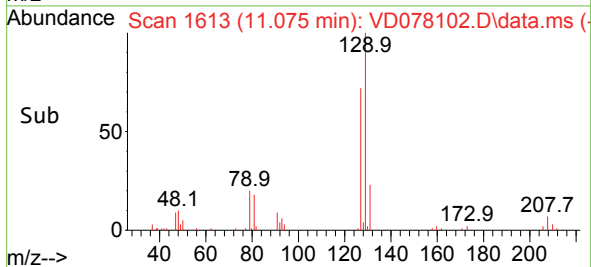
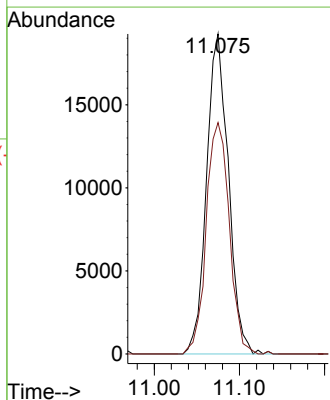
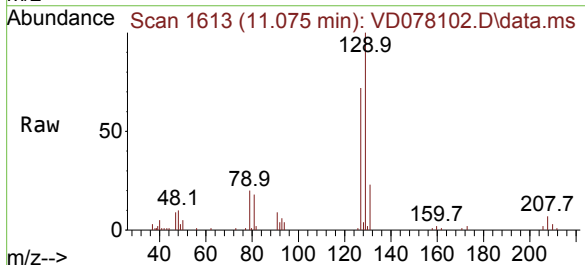
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

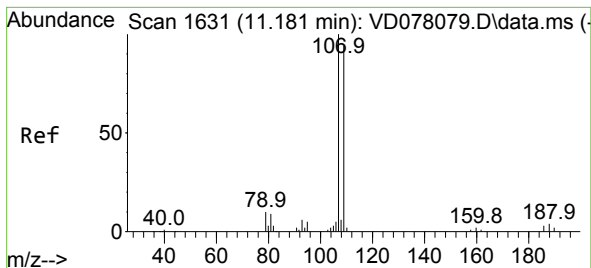
Tgt Ion: 43 Resp: 65364
Ion Ratio Lower Upper
43 100
58 63.3 34.1 102.2



#60
Dibromochloromethane
Concen: 19.276 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 129 Resp: 34291
Ion Ratio Lower Upper
129 100
127 76.1 37.1 111.5

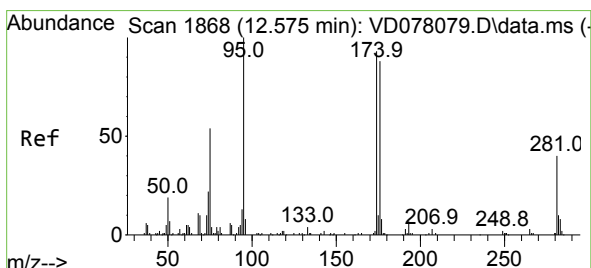
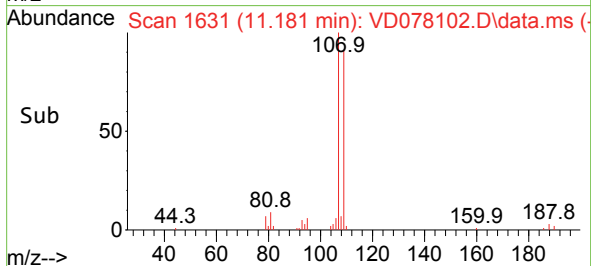
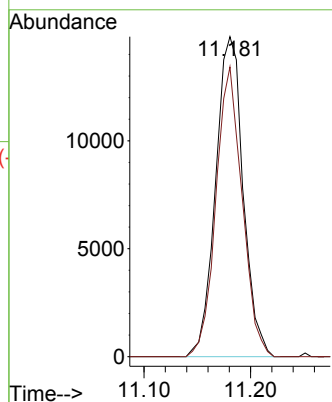
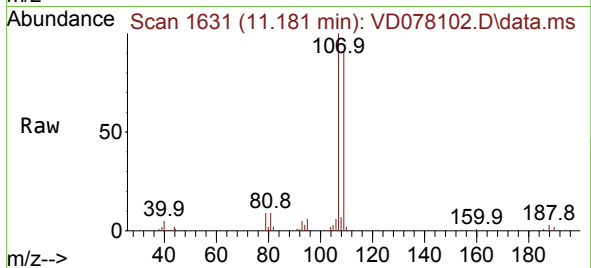




#61
1,2-Dibromoethane
Concen: 19.886 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

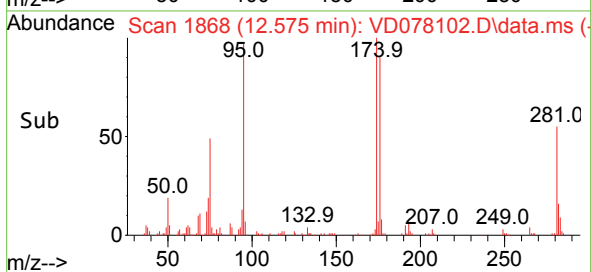
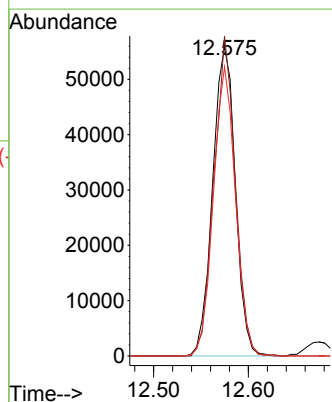
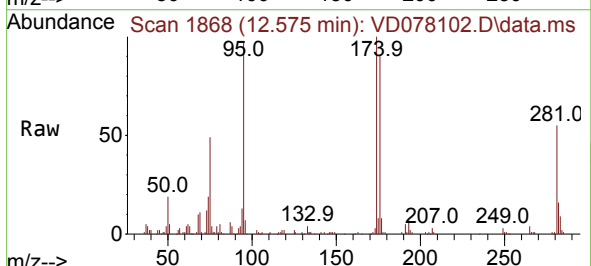
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

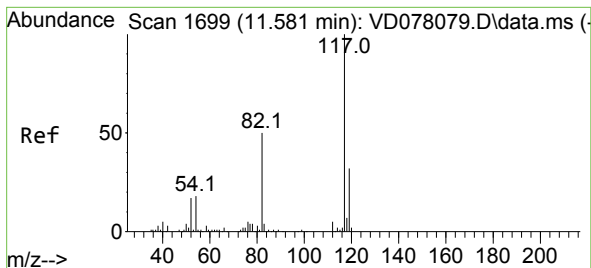
Tgt Ion:107 Resp: 26624
Ion Ratio Lower Upper
107 100
109 86.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.550 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 95 Resp: 92819
Ion Ratio Lower Upper
95 100
174 97.3 0.0 201.8
176 91.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS02

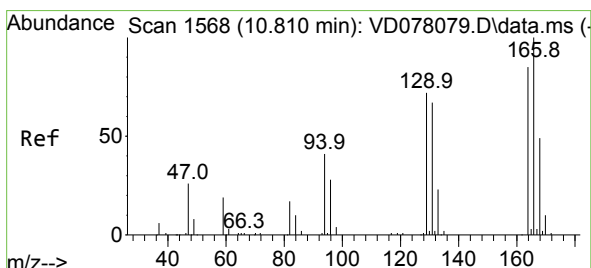
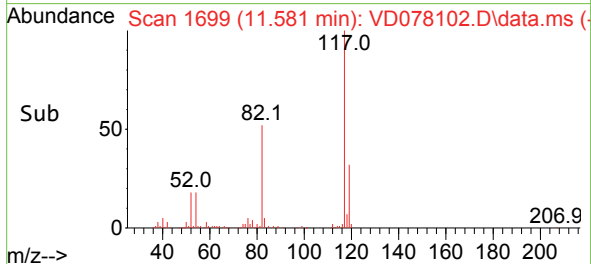
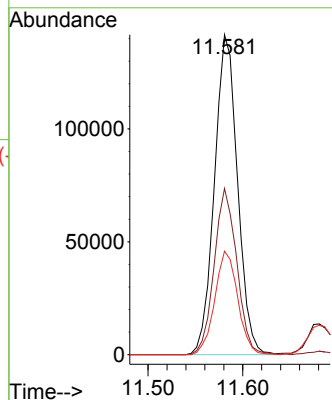
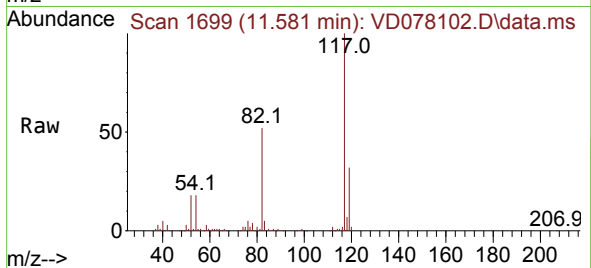
Tgt Ion:117 Resp: 240216

Ion Ratio Lower Upper

117 100

82 52.0 38.3 57.5

119 32.3 25.0 37.4



#64

Tetrachloroethene

Concen: 17.779 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Tgt Ion:164 Resp: 28858

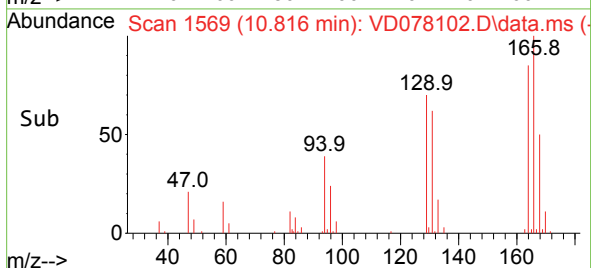
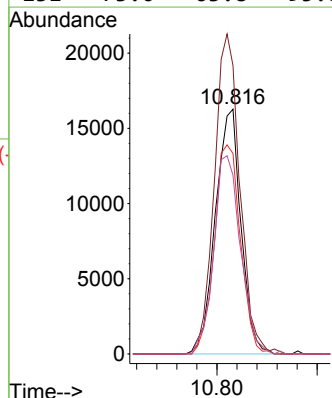
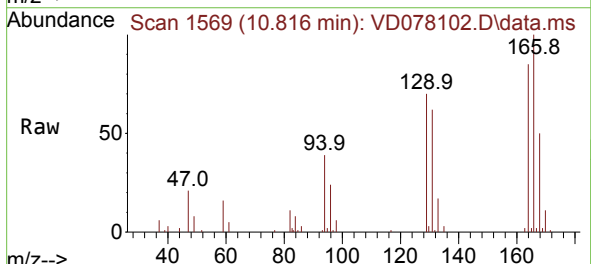
Ion Ratio Lower Upper

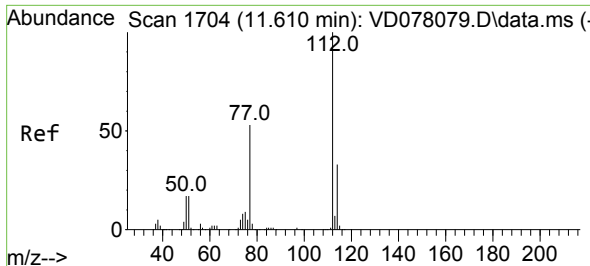
164 100

166 117.8 99.2 148.8

129 81.9 68.4 102.6

131 73.0 63.8 95.8

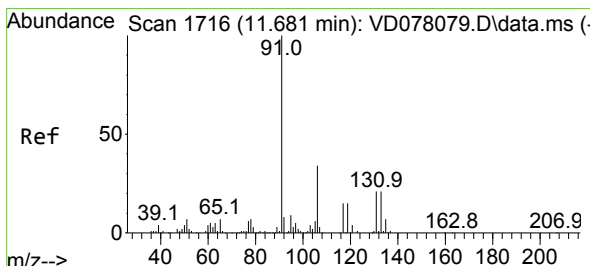
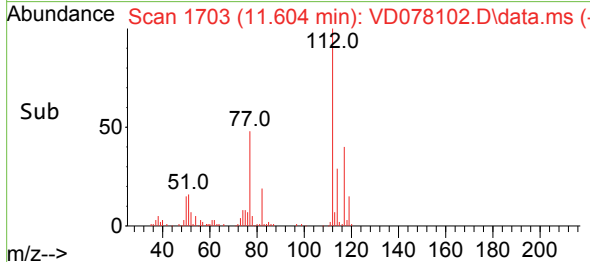
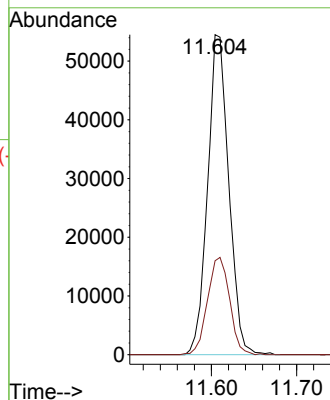
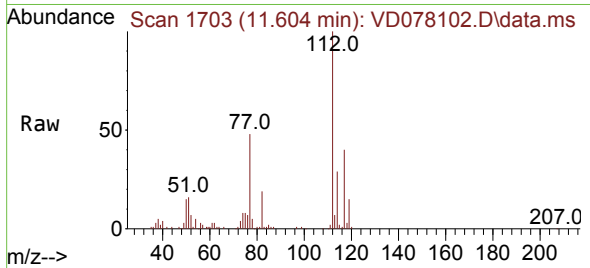




#65
Chlorobenzene
Concen: 18.419 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

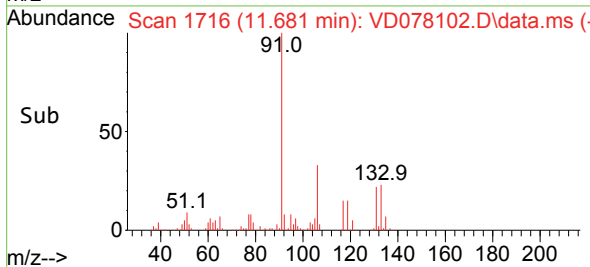
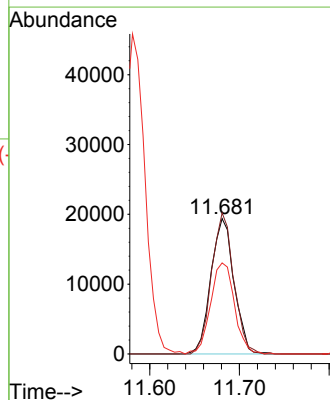
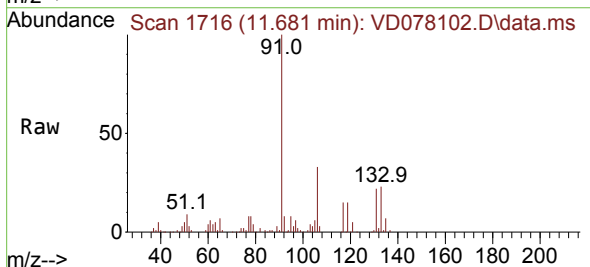
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

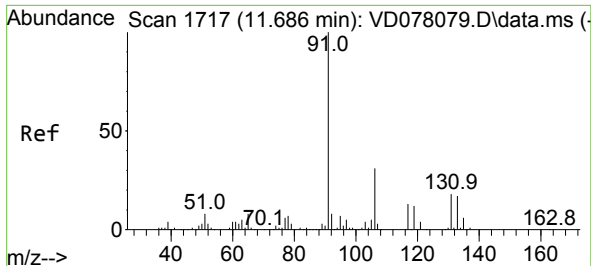
Tgt Ion:112 Resp: 93997
Ion Ratio Lower Upper
112 100
114 29.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.982 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:131 Resp: 34734
Ion Ratio Lower Upper
131 100
133 99.7 48.5 145.5
119 69.4 35.6 106.9

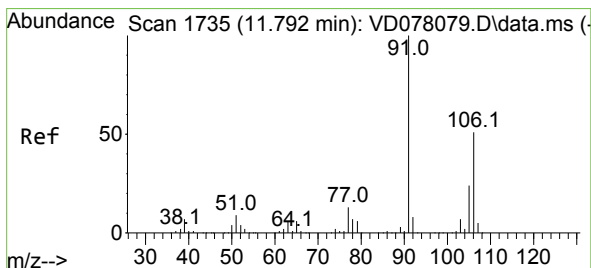
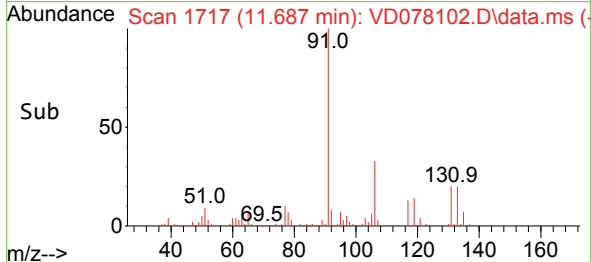
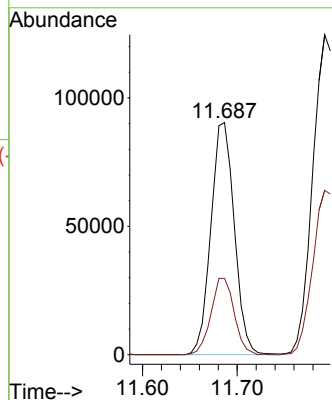
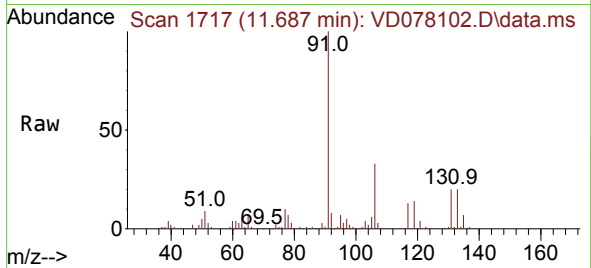




#67
Ethyl Benzene
Concen: 17.481 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

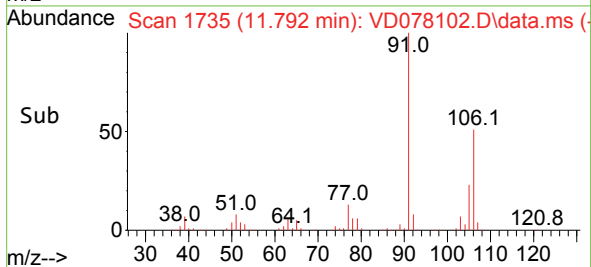
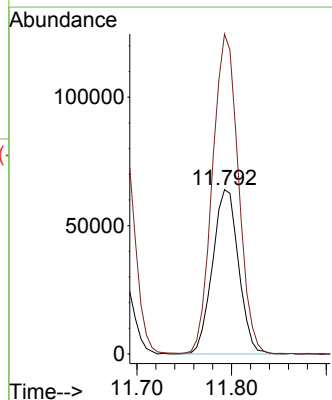
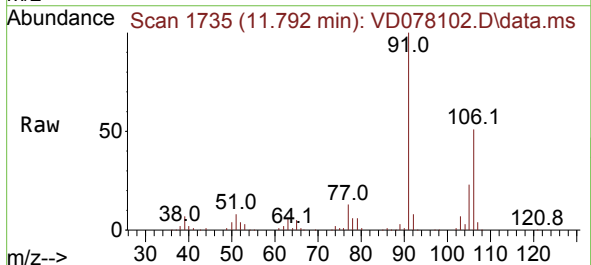
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

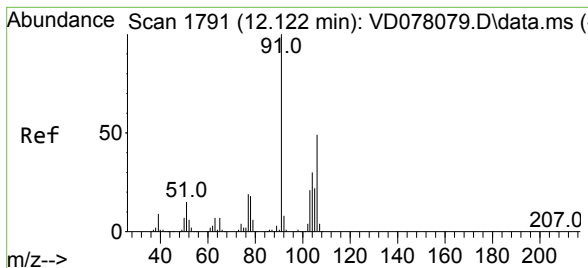
Tgt Ion: 91 Resp: 155523
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#68
m/p-Xylenes
Concen: 35.291 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 106 Resp: 122195
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6

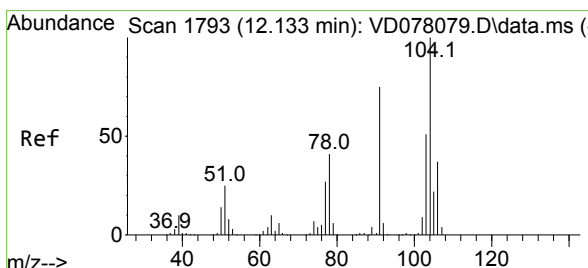
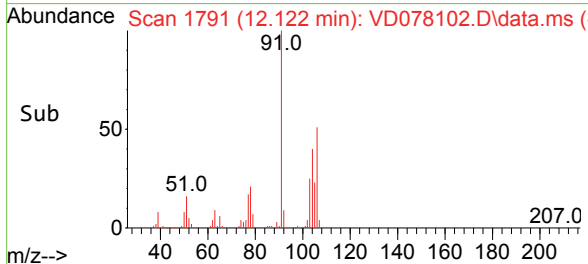
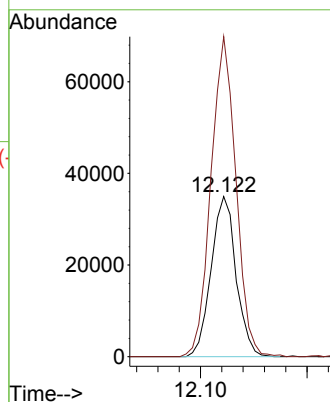
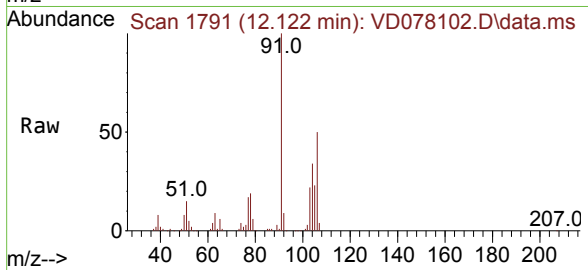




#69
o-Xylene
Concen: 17.544 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

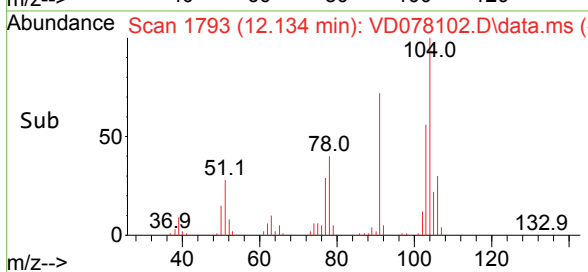
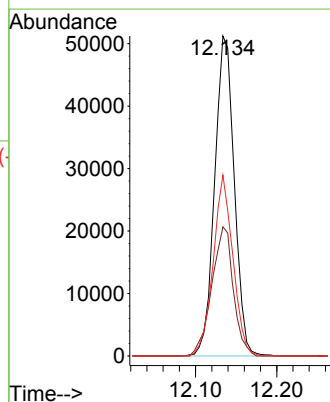
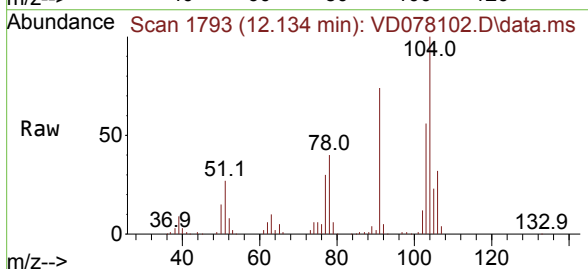
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

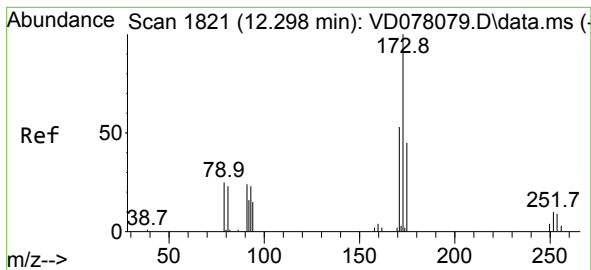
Tgt Ion:106 Resp: 56618
Ion Ratio Lower Upper
106 100
91 200.3 97.9 293.6



#70
Styrene
Concen: 18.092 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:104 Resp: 86204
Ion Ratio Lower Upper
104 100
78 44.2 33.2 49.8
103 56.7 43.6 65.4





#71

Bromoform

Concen: 18.362 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

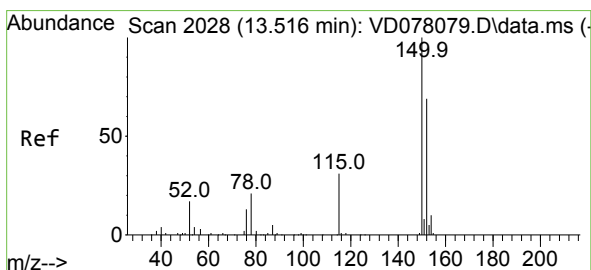
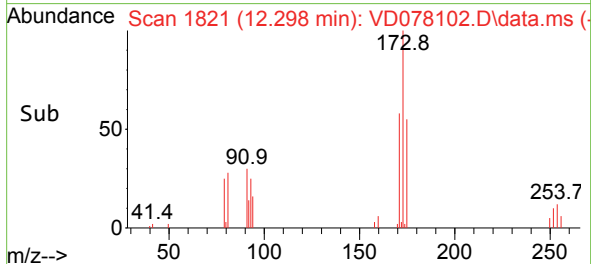
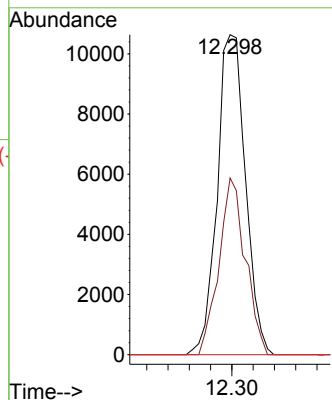
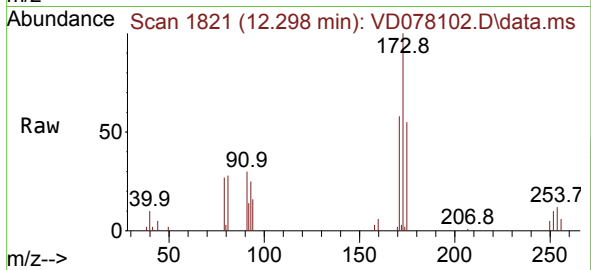
Tgt Ion:173 Resp: 19567

Ion Ratio Lower Upper

173 100

175 51.8 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: VD078102.D

Acq: 29 Dec 2023 12:12

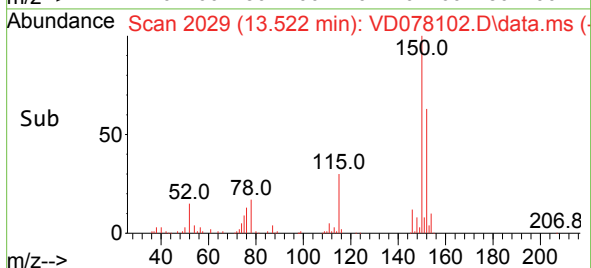
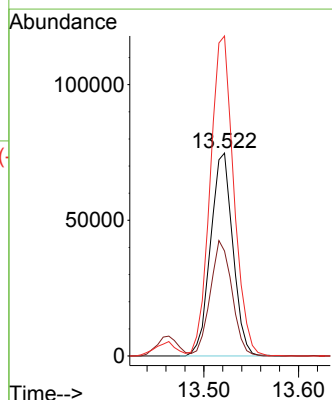
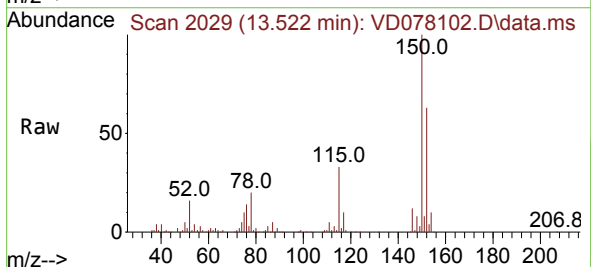
Tgt Ion:152 Resp: 122652

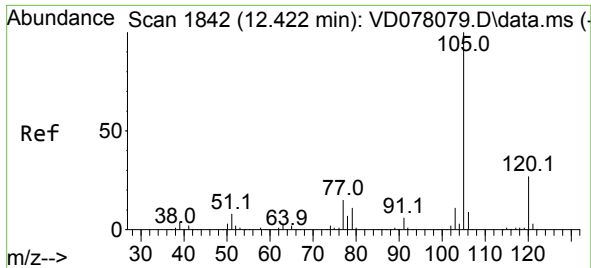
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 166.6 0.0 353.6

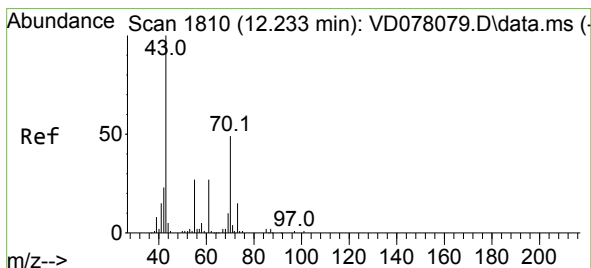
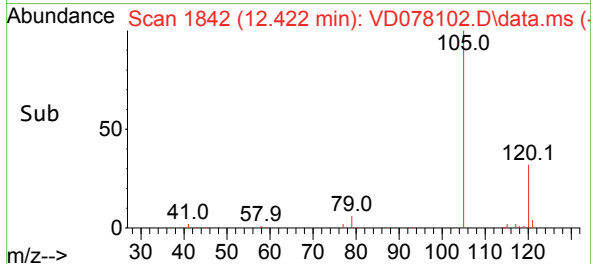
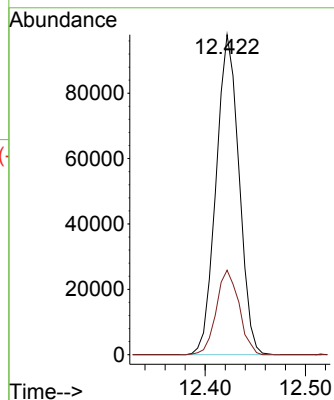
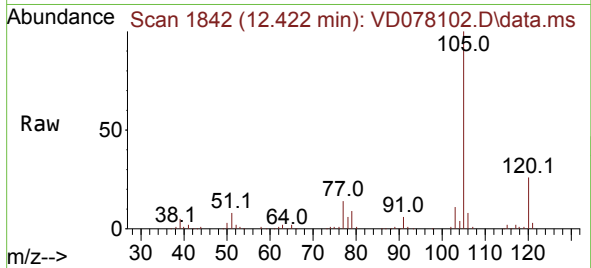




#73
Isopropylbenzene
Concen: 18.372 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

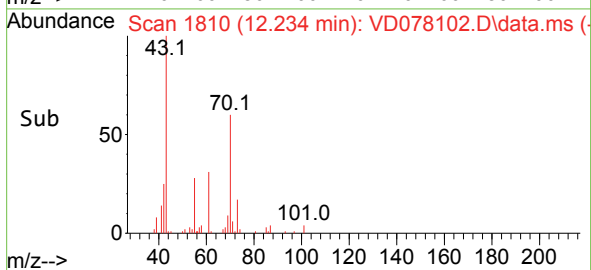
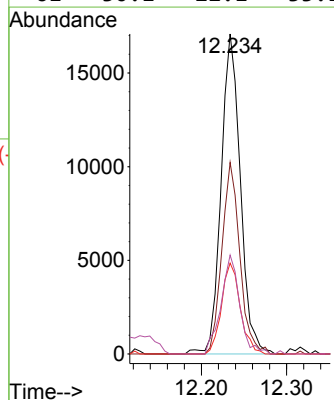
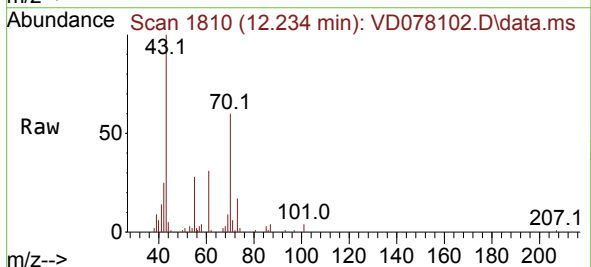
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

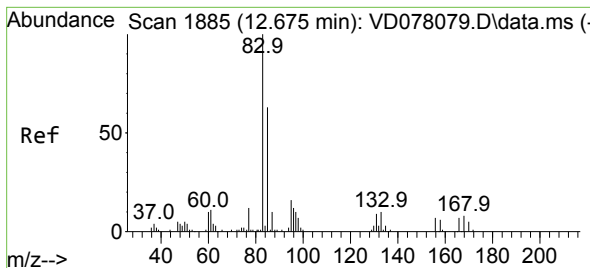
Tgt Ion:105 Resp: 155202
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 19.112 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 43 Resp: 26802
Ion Ratio Lower Upper
43 100
70 56.0 45.0 67.4
55 27.6 23.8 35.6
61 30.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.796 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

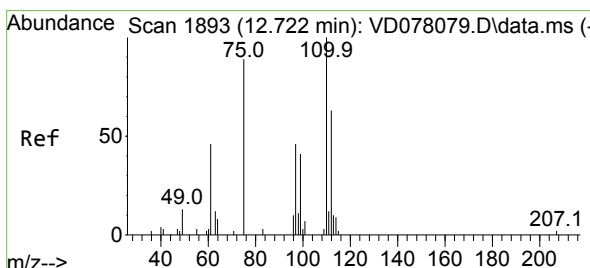
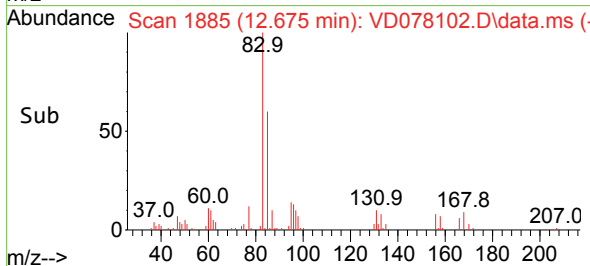
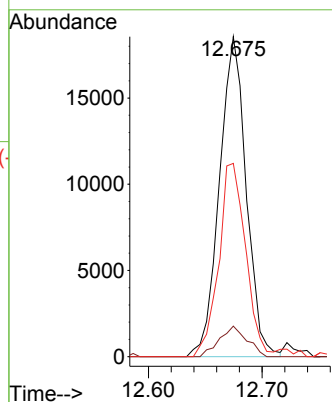
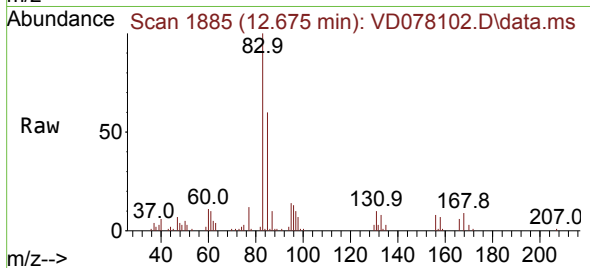
Tgt Ion: 83 Resp: 30393

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 60.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 34.932 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078102.D

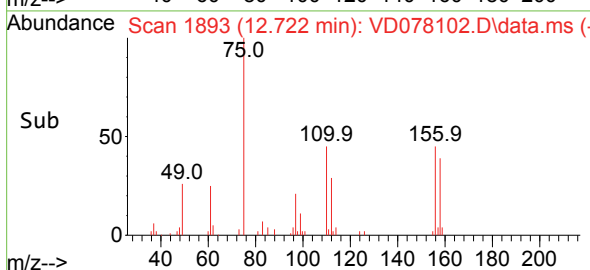
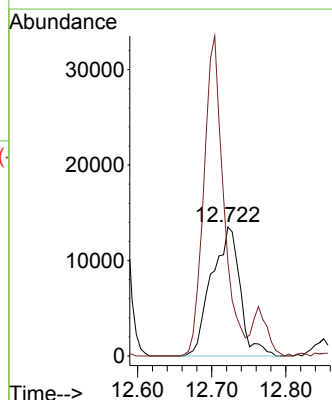
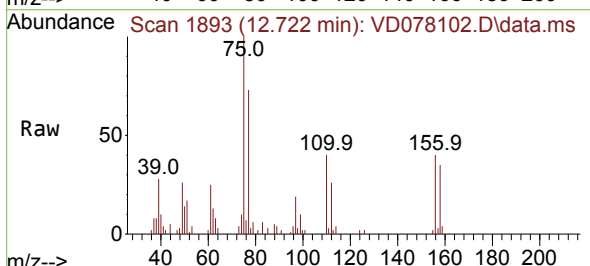
Acq: 29 Dec 2023 12:12

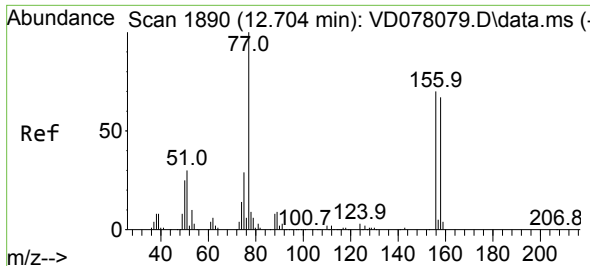
Tgt Ion: 75 Resp: 36147

Ion Ratio Lower Upper

75 100

77 172.8 0.0 0.0#

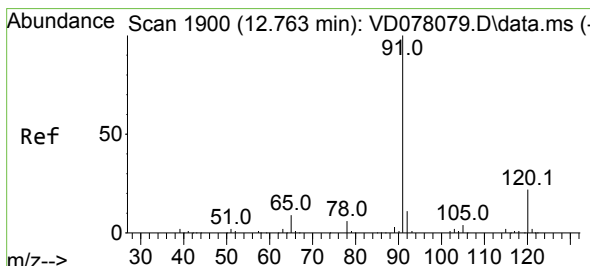
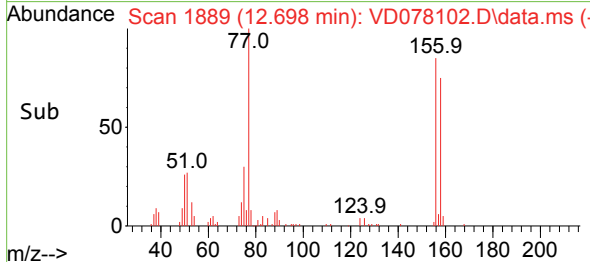
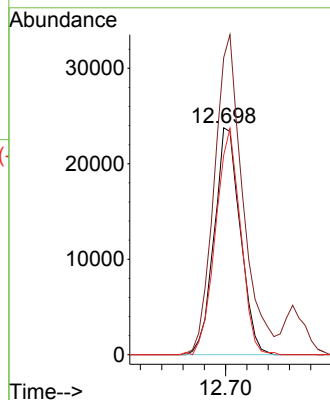
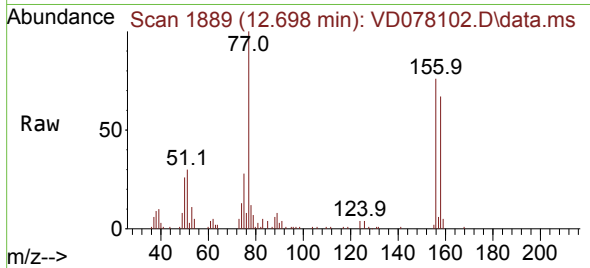




#77
Bromobenzene
Concen: 19.658 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

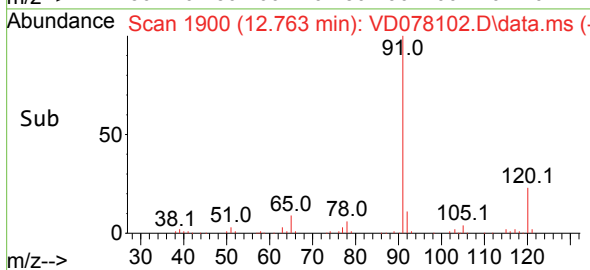
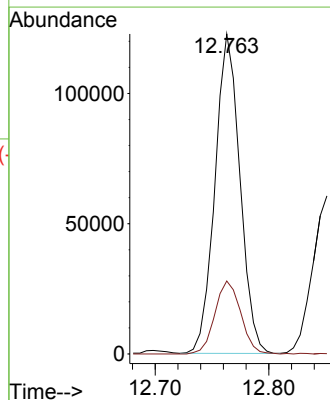
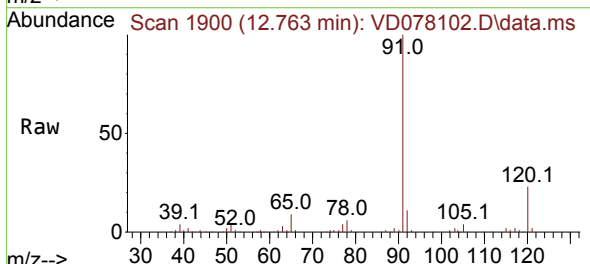
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS02

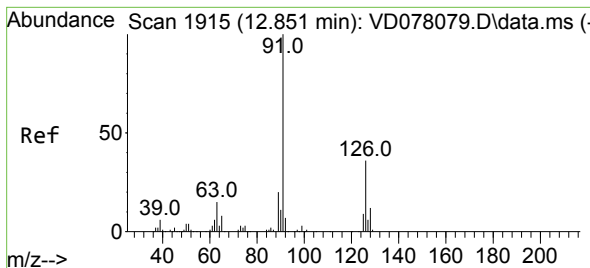
Tgt Ion:156 Resp: 40400
Ion Ratio Lower Upper
156 100
77 154.6 76.8 230.4
158 95.6 48.6 145.9



#78
n-propylbenzene
Concen: 18.419 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 91 Resp: 187290
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 17.853 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

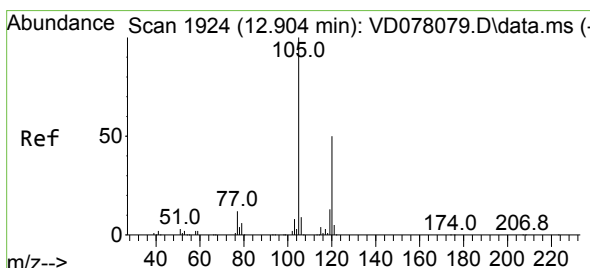
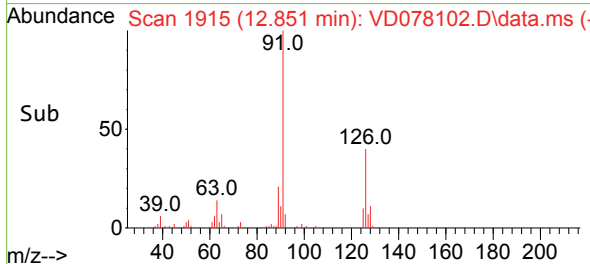
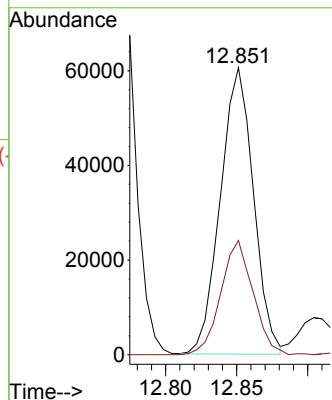
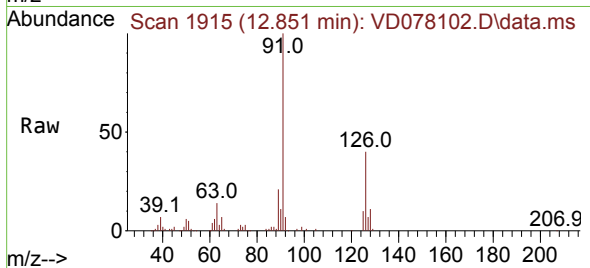
VD1229SBSD02

Tgt Ion: 91 Resp: 98192

Ion Ratio Lower Upper

91 100

126 38.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.022 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078102.D

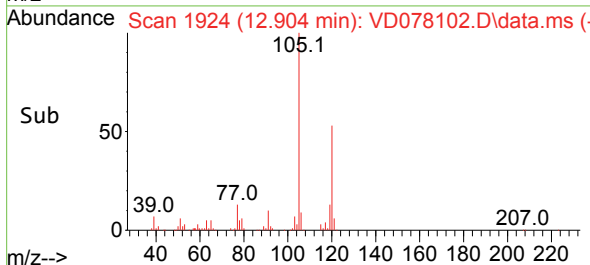
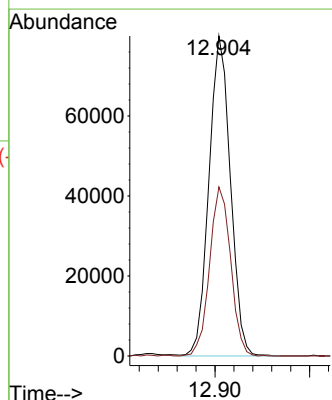
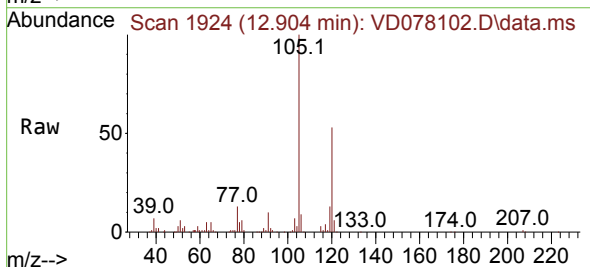
Acq: 29 Dec 2023 12:12

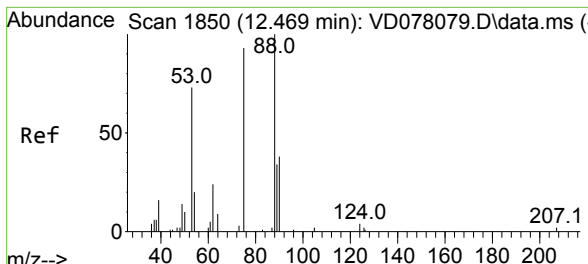
Tgt Ion: 105 Resp: 125927

Ion Ratio Lower Upper

105 100

120 51.7 26.4 79.2

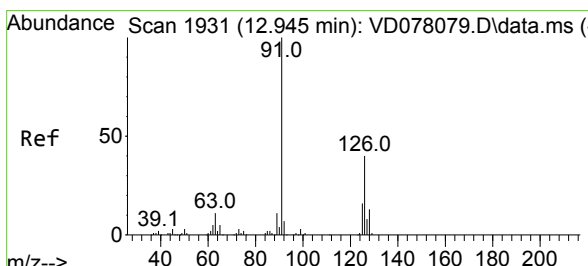
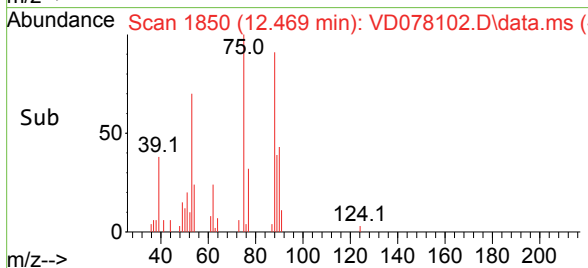
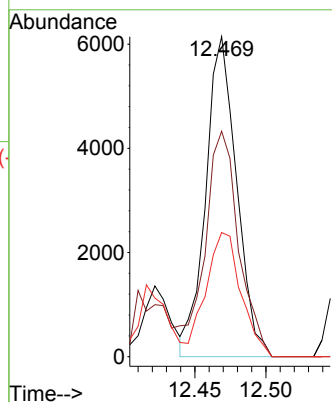
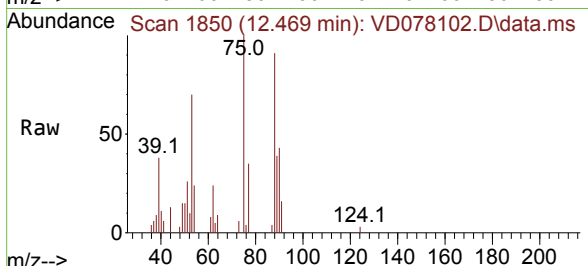




#81
trans-1,4-Dichloro-2-butene
Concen: 19.339 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

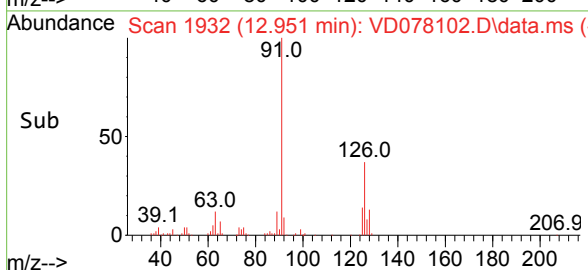
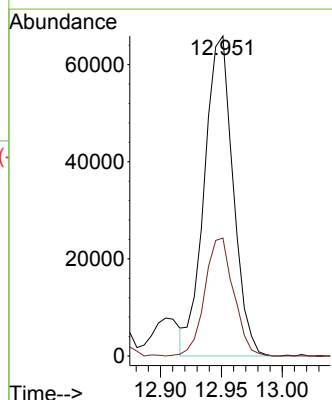
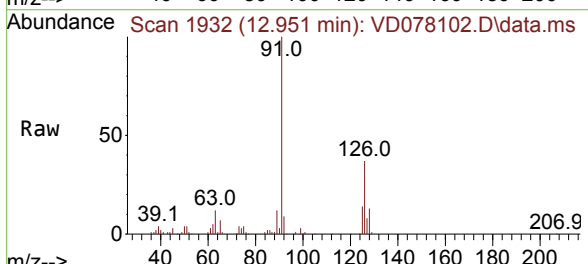
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

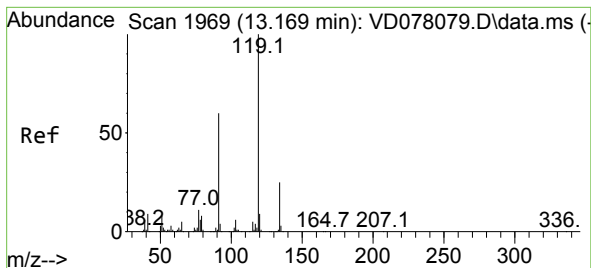
Tgt Ion:	75	Resp:	9287
Ion	Ratio	Lower	Upper
75	100		
53	76.2	63.0	94.4
89	43.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 18.348 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:	91	Resp:	108196
Ion	Ratio	Lower	Upper
91	100		
126	36.9	19.4	58.4

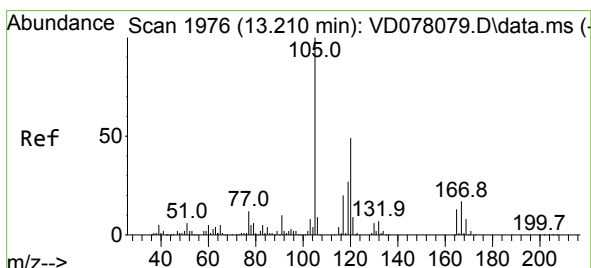
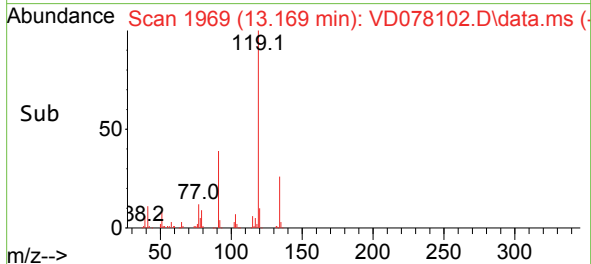
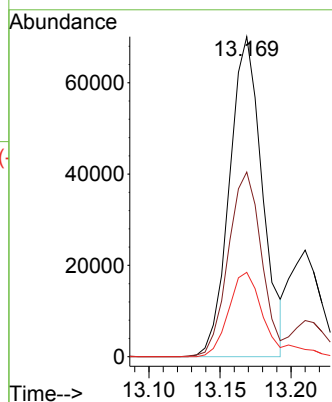
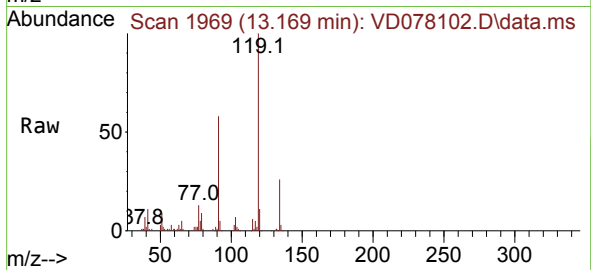




#83
tert-Butylbenzene
Concen: 18.001 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

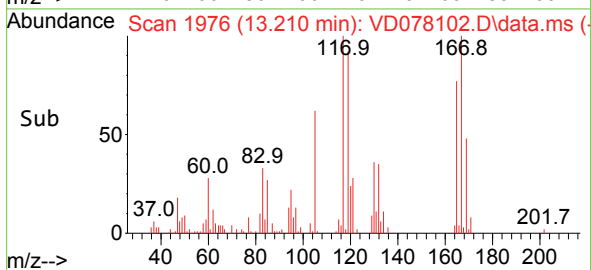
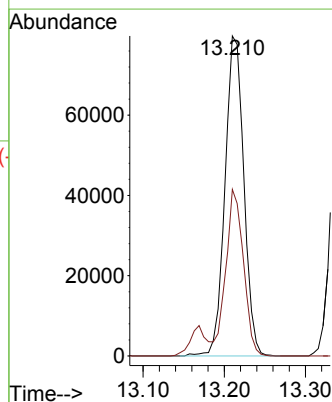
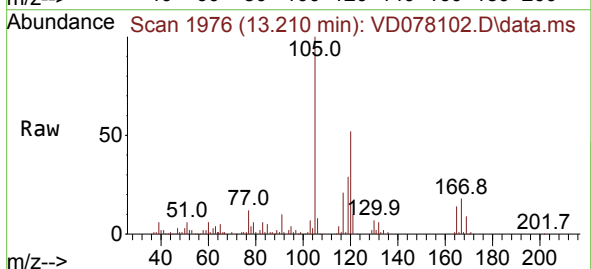
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

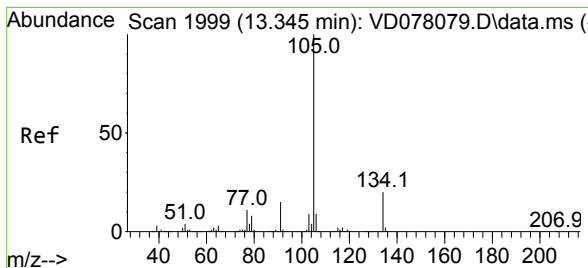
Tgt Ion:119 Resp: 112668
Ion Ratio Lower Upper
119 100
91 58.2 29.3 87.8
134 29.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 18.104 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:105 Resp: 128845
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.372 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

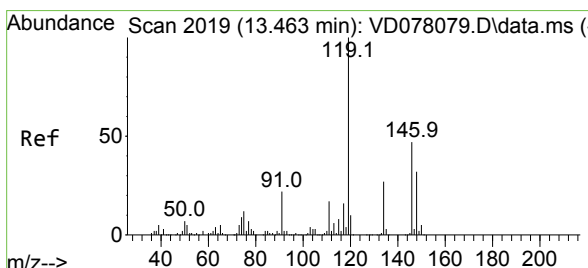
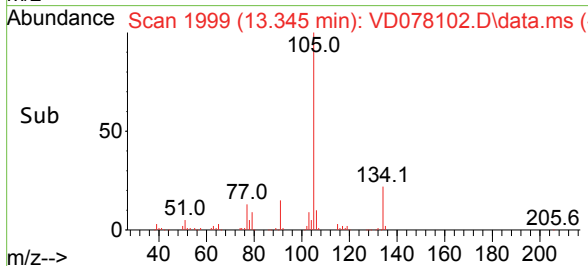
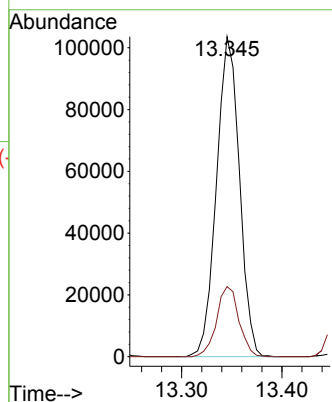
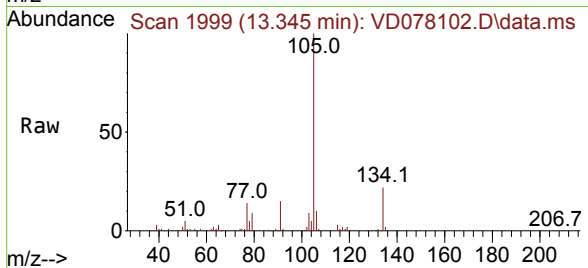
VD1229SBSD02

Tgt Ion:105 Resp: 164176

Ion Ratio Lower Upper

105 100

134 21.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.202 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

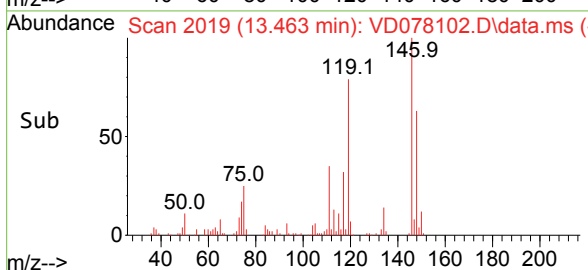
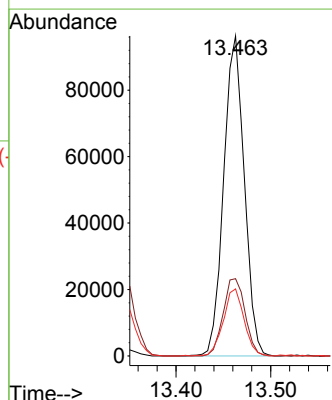
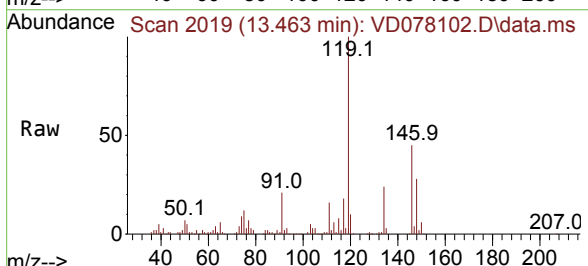
Tgt Ion:119 Resp: 145565

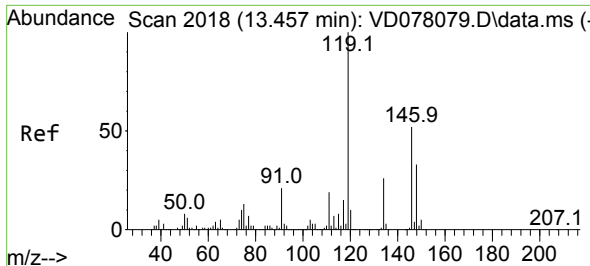
Ion Ratio Lower Upper

119 100

134 25.6 14.2 42.6

91 21.2 10.5 31.5

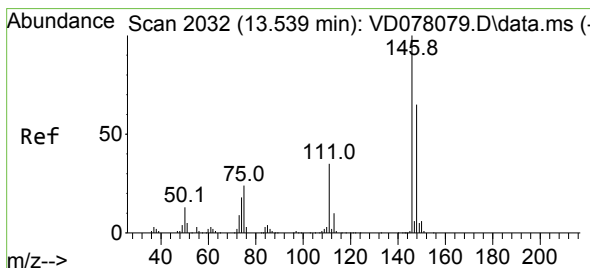
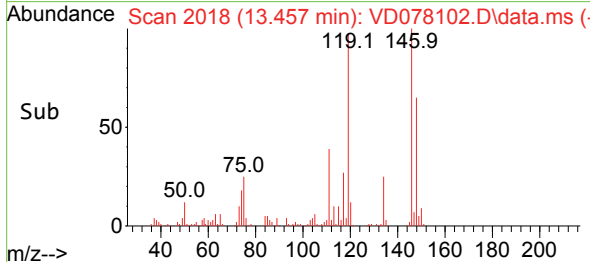
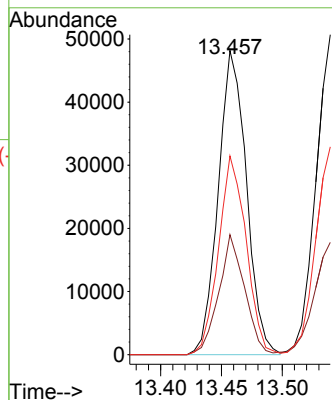
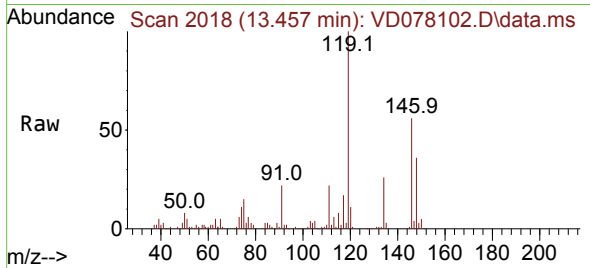




#87
1,3-Dichlorobenzene
Concen: 18.259 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

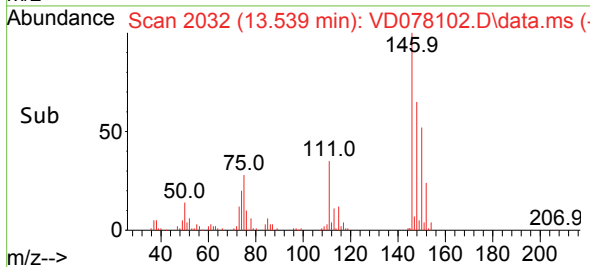
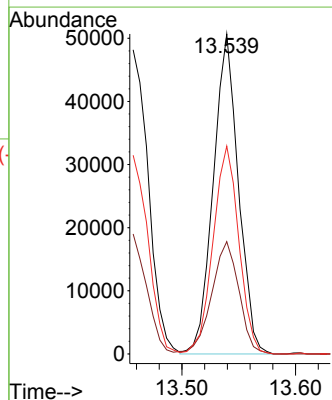
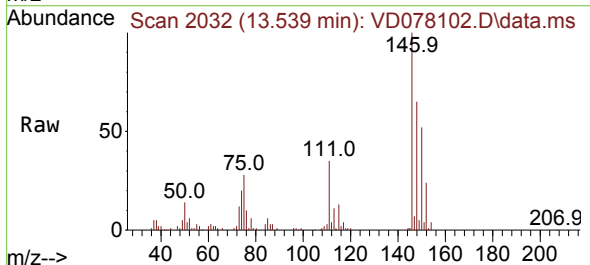
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

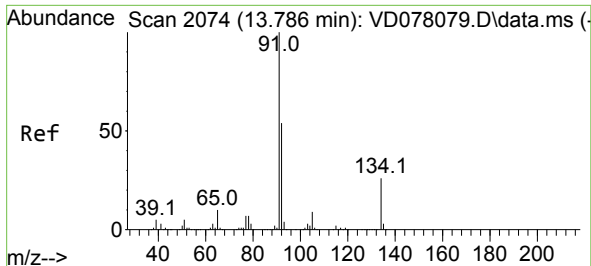
Tgt Ion:146 Resp: 77637
Ion Ratio Lower Upper
146 100
111 36.3 17.9 53.8
148 64.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.686 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion:146 Resp: 77926
Ion Ratio Lower Upper
146 100
111 38.2 17.4 52.3
148 66.7 31.7 95.1

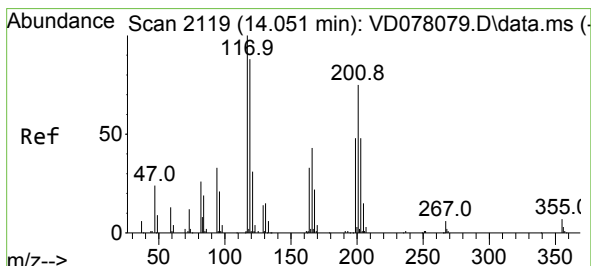
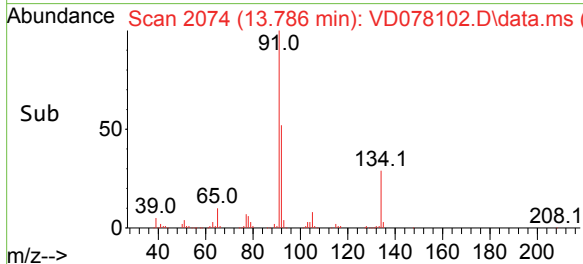
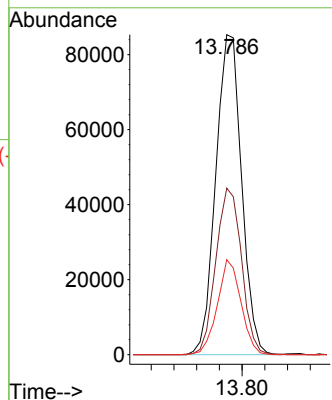
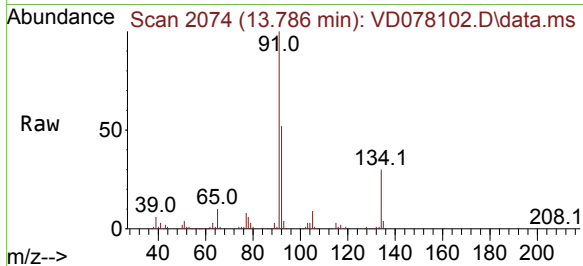




#89
n-Butylbenzene
Concen: 18.365 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

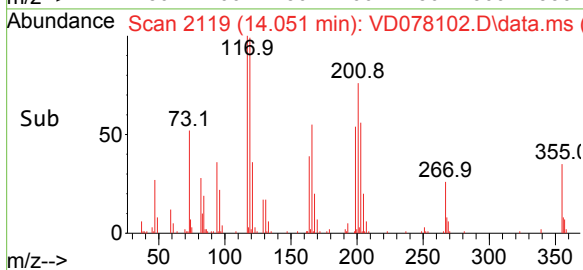
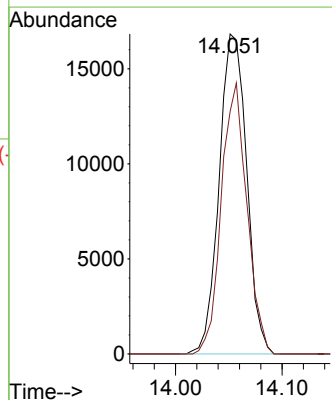
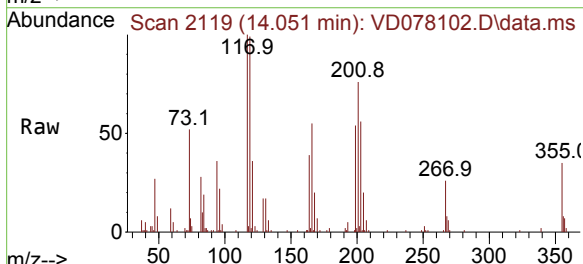
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

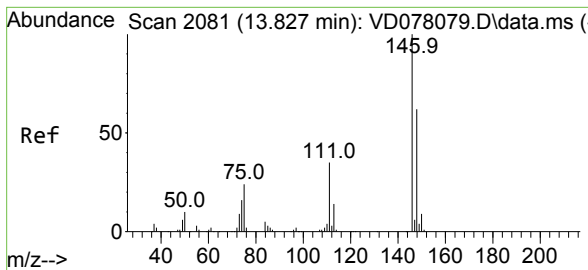
Tgt Ion: 91 Resp: 134807
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 27.1 13.8 41.3



#90
Hexachloroethane
Concen: 18.884 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 117 Resp: 30191
Ion Ratio Lower Upper
117 100
201 78.7 38.5 115.5

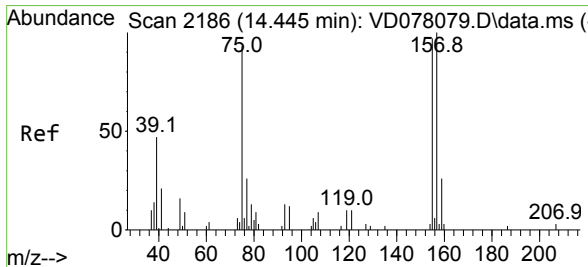
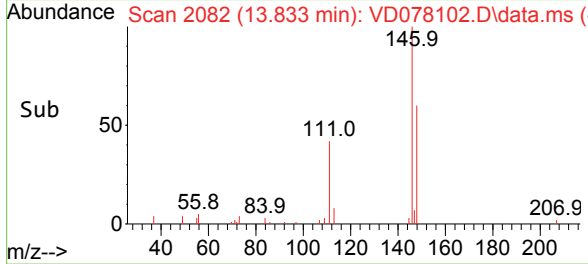
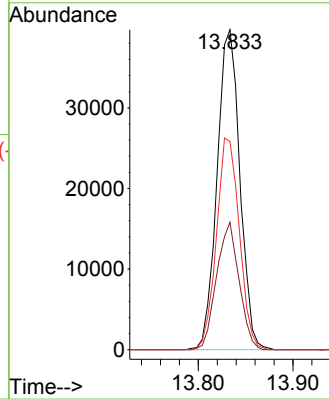
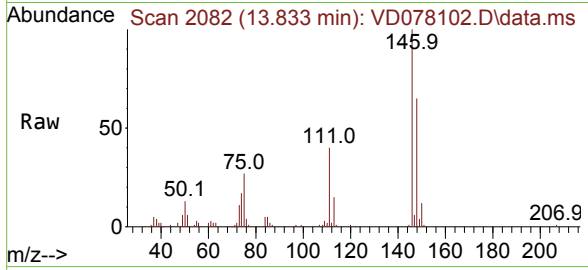




#91
1,2-Dichlorobenzene
Concen: 18.195 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

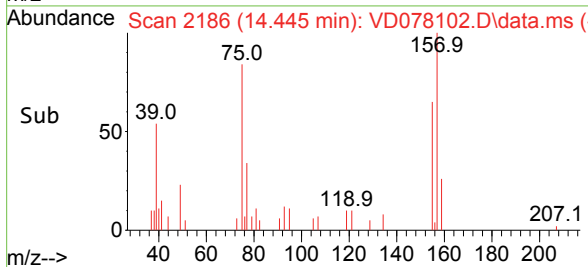
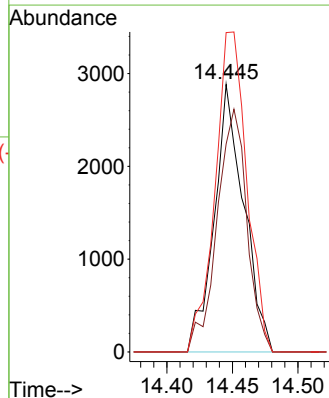
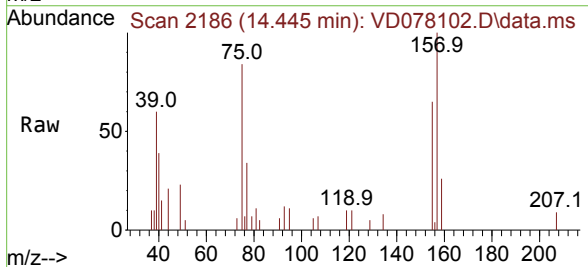
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBSD02

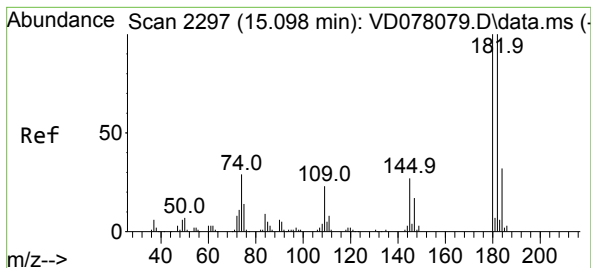
Tgt Ion:146 Resp: 66442
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 66.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.066 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078102.D
Acq: 29 Dec 2023 12:12

Tgt Ion: 75 Resp: 4530
Ion Ratio Lower Upper
75 100
155 91.2 47.9 143.8
157 128.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.706 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

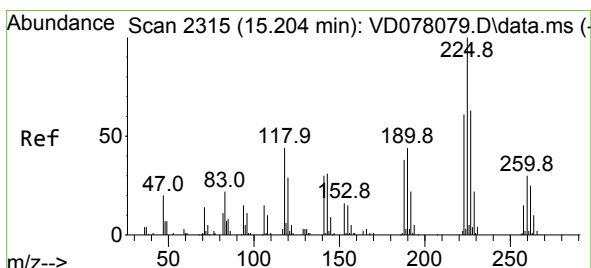
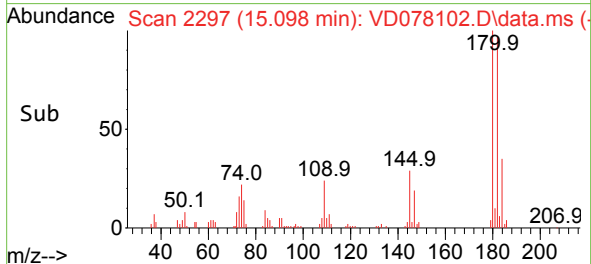
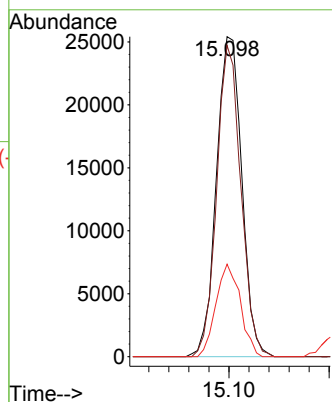
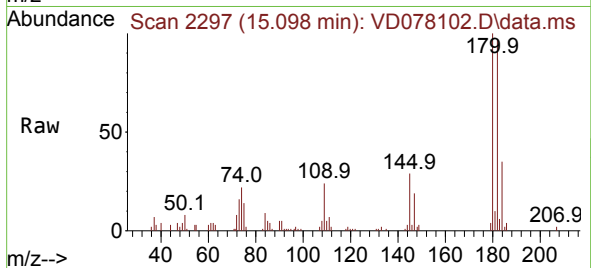
Tgt Ion:180 Resp: 44597

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.297 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

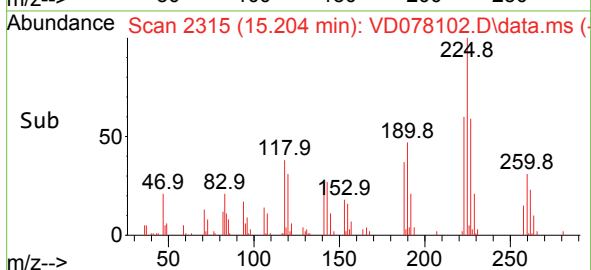
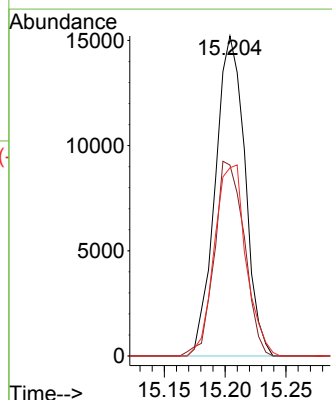
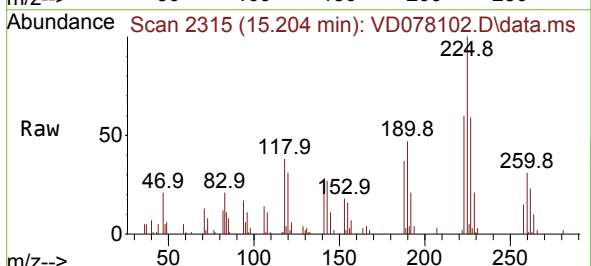
Tgt Ion:225 Resp: 25848

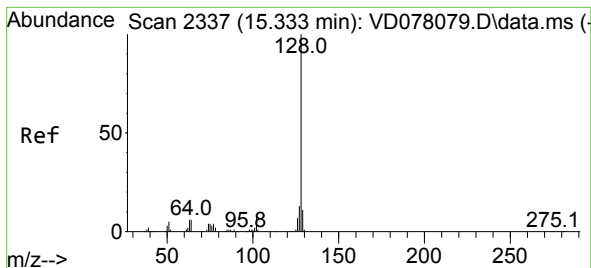
Ion Ratio Lower Upper

225 100

223 61.1 31.6 94.8

227 63.4 31.7 95.1





#95

Naphthalene

Concen: 18.619 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBSD02

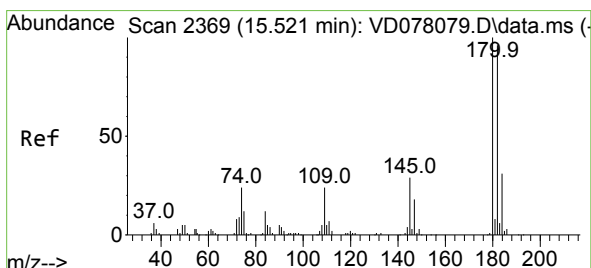
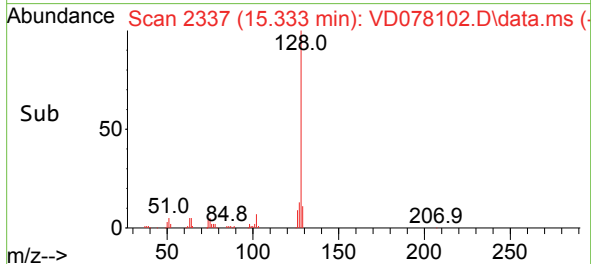
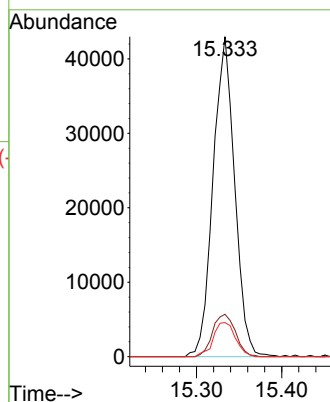
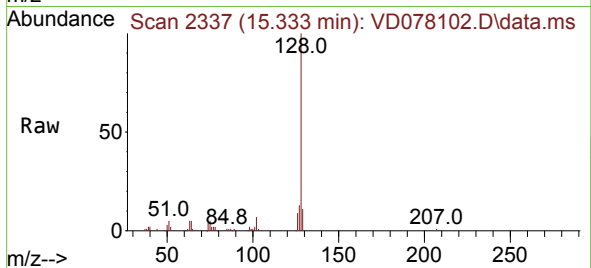
Tgt Ion:128 Resp: 75571

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.267 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078102.D

Acq: 29 Dec 2023 12:12

Tgt Ion:180 Resp: 38975

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 29.7 15.1 45.3

