

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078087.D
 Acq On : 28 Dec 2023 12:43
 Operator : RP/MD
 Sample : VD1228SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Quant Time: Dec 28 22:22:51 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	154064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	251319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66556	48.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.804	113	77416	47.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.740%
50) Toluene-d8	10.269	98	286263	50.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.575	95	90192	49.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26340	19.949	ug/l	100
3) Chloromethane	2.152	50	34597	19.000	ug/l	93
4) Vinyl Chloride	2.287	62	54816	19.971	ug/l	95
5) Bromomethane	2.687	94	39093	17.764	ug/l	99
6) Chloroethane	2.840	64	40724	20.191	ug/l	91
7) Trichlorofluoromethane	3.175	101	52121	19.729	ug/l	99
8) Diethyl Ether	3.599	74	13572	18.735	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	31785	19.317	ug/l	96
10) Methyl Iodide	4.169	142	27157	17.563	ug/l	93
11) Tert butyl alcohol	5.046	59	4196	43.621	ug/l #	80
12) 1,1-Dichloroethene	3.952	96	29011	19.926	ug/l #	85
13) Acrolein	3.799	56	8166	113.105	ug/l	98
14) Allyl chloride	4.569	41	33006	18.755	ug/l	89
15) Acrylonitrile	5.246	53	28791	95.010	ug/l	95
16) Acetone	4.022	43	38374	123.127	ug/l #	80
17) Carbon Disulfide	4.269	76	64029	17.799	ug/l	100
18) Methyl Acetate	4.575	43	20993	18.686	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	62512	19.400	ug/l	99
20) Methylene Chloride	4.810	84	42800	23.811	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	32379	19.347	ug/l	92
22) Diisopropyl ether	6.216	45	76790	19.536	ug/l	96
23) Vinyl Acetate	6.157	43	184113	122.515	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	56035	19.263	ug/l	96
25) 2-Butanone	7.087	43	42996	111.513	ug/l	88
26) 2,2-Dichloropropane	7.075	77	50146	19.188	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	39149	19.717	ug/l	98
28) Bromochloromethane	7.428	49	20013	19.230	ug/l	88
29) Tetrahydrofuran	7.451	42	20753	97.796	ug/l	92
30) Chloroform	7.598	83	62029	19.676	ug/l	100
31) Cyclohexane	7.875	56	40871	18.690	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	52942	19.541	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43109	18.947	ug/l	98
37) Ethyl Acetate	7.169	43	13842	18.292	ug/l	98
38) Carbon Tetrachloride	7.987	117	49657	20.141	ug/l	91
39) Methylcyclohexane	9.275	83	46728	17.913	ug/l	93
40) Benzene	8.251	78	128803	19.641	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	8765	18.308	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	34465	19.447	ug/l	97
43) Isopropyl Acetate	8.363	43	29151	19.241	ug/l	96
44) Trichloroethene	9.028	130	37466	19.858	ug/l	96
45) 1,2-Dichloropropane	9.304	63	32988	19.852	ug/l	93
46) Dibromomethane	9.392	93	18736	20.131	ug/l	97
47) Bromodichloromethane	9.581	83	49031	20.281	ug/l	95
48) Methyl methacrylate	9.387	41	17161	20.099	ug/l	85
49) 1,4-Dioxane	9.387	88	3833	435.655	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	75278	96.835	ug/l	93
52) Toluene	10.334	92	85020	19.989	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	42177	19.229	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	51588	19.585	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	27828	21.248	ug/l	98
56) Ethyl methacrylate	10.598	69	21094	20.295	ug/l	95
57) 1,3-Dichloropropane	10.881	76	41600	19.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43991	97.759	ug/l	100
59) 2-Hexanone	10.922	43	62097	102.836	ug/l	94
60) Dibromochloromethane	11.075	129	33953	20.350	ug/l	95
61) 1,2-Dibromoethane	11.181	107	24493	19.506	ug/l	97
64) Tetrachloroethene	10.810	164	29319	19.147	ug/l	96
65) Chlorobenzene	11.604	112	97252	20.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	37129	20.376	ug/l	95
67) Ethyl Benzene	11.686	91	158690	18.907	ug/l	99
68) m/p-Xylenes	11.792	106	126382	38.691	ug/l	93
69) o-Xylene	12.122	106	59134	19.424	ug/l	97
70) Styrene	12.133	104	90637	20.164	ug/l	97
71) Bromoform	12.292	173	20666	20.557	ug/l #	99
73) Isopropylbenzene	12.422	105	156048	19.159	ug/l	98
74) N-amyl acetate	12.233	43	25298	18.710	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	29647	20.028	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	35459	35.541	ug/l #	100
77) Bromobenzene	12.698	156	40472	20.426	ug/l	99
78) n-propylbenzene	12.763	91	190941	19.476	ug/l	98
79) 2-Chlorotoluene	12.851	91	102413	19.313	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	129636	19.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8926	19.278	ug/l	95
82) 4-Chlorotoluene	12.945	91	109242	19.214	ug/l	99
83) tert-Butylbenzene	13.163	119	118345	19.611	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	135567	19.756	ug/l	95
85) sec-Butylbenzene	13.345	105	169274	19.647	ug/l	99
86) p-Isopropyltoluene	13.457	119	151165	19.605	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	79267	19.335	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	81277	20.214	ug/l	98
89) n-Butylbenzene	13.786	91	137199	19.386	ug/l	99
90) Hexachloroethane	14.051	117	30644	19.880	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	68735	19.523	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3963	19.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	45826	19.936	ug/l	97
94) Hexachlorobutadiene	15.204	225	25363	19.639	ug/l	98
95) Naphthalene	15.333	128	75988	19.418	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	39135	20.065	ug/l	98

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

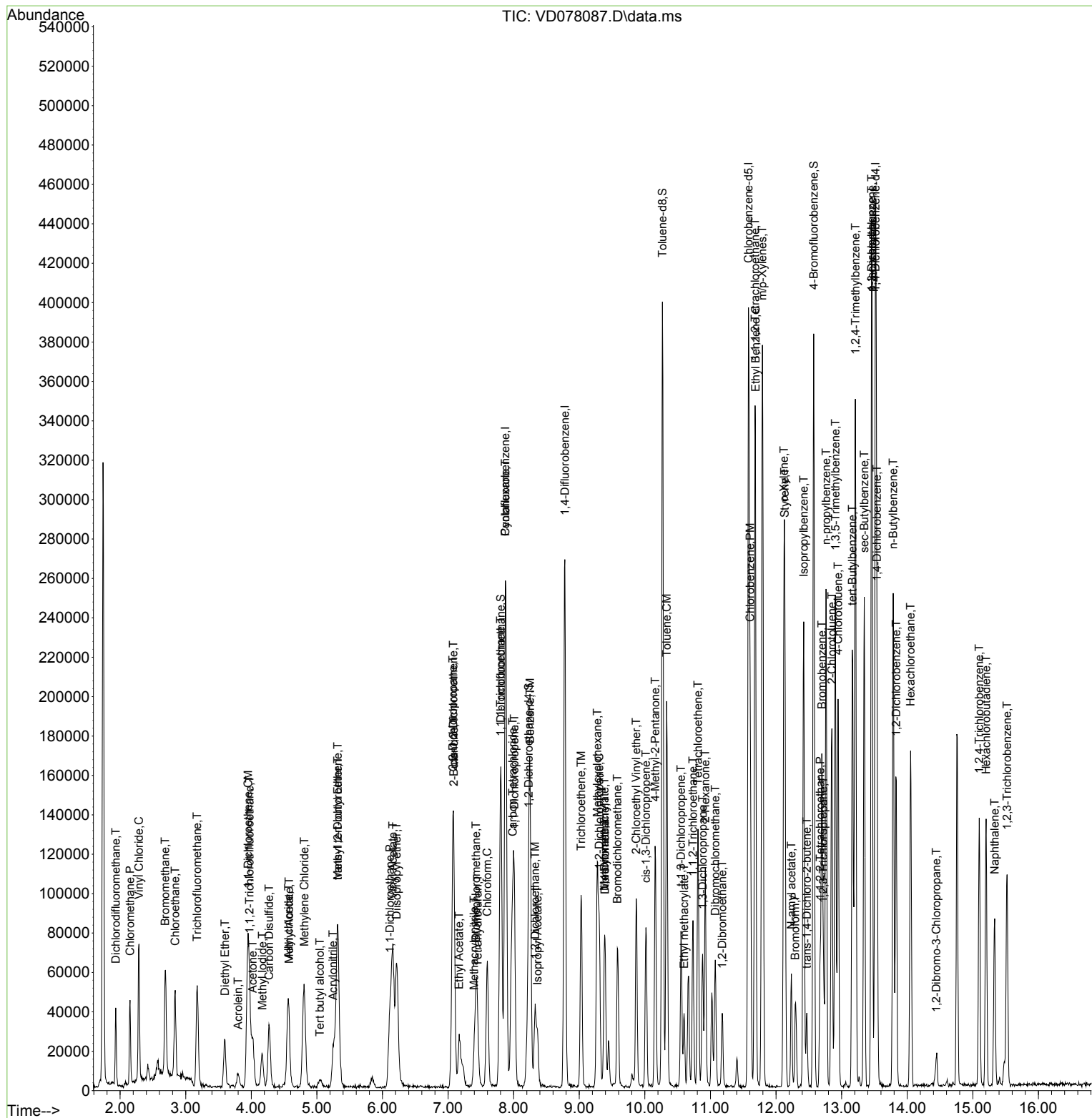
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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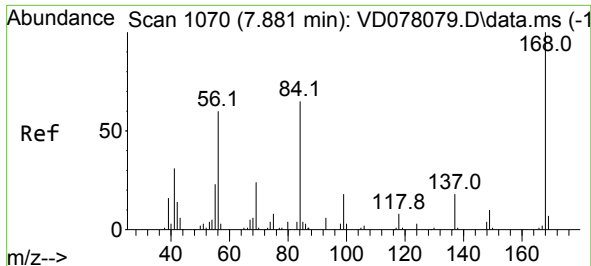
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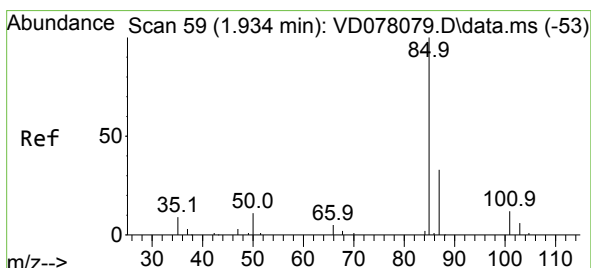
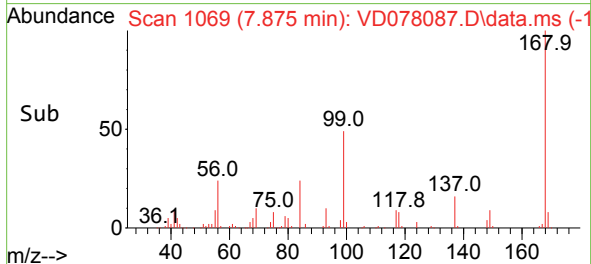
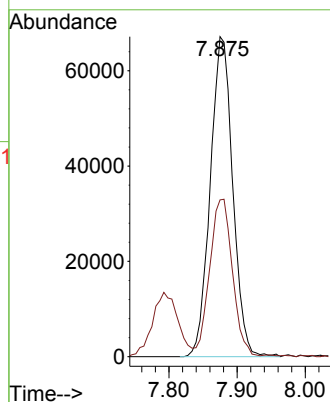
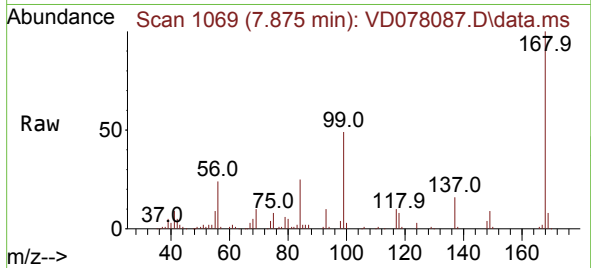




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078087.D
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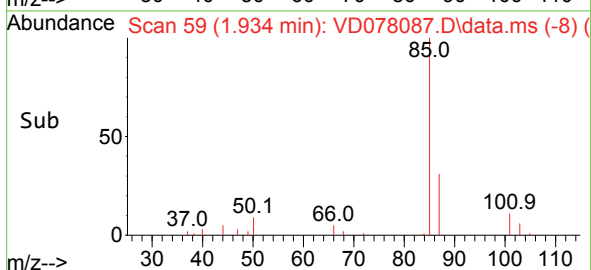
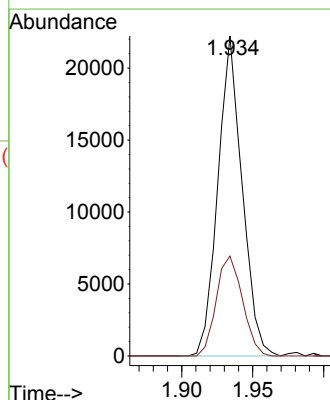
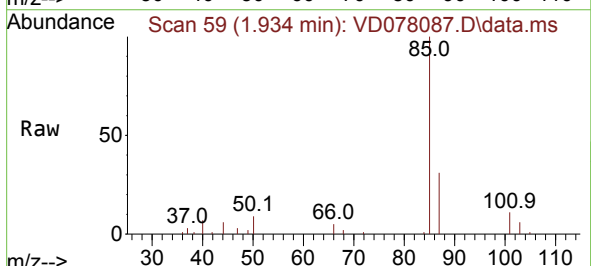
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

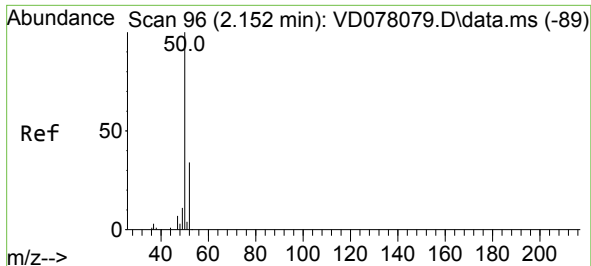
Tgt Ion:168 Resp: 154064
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.949 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 85 Resp: 26340
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

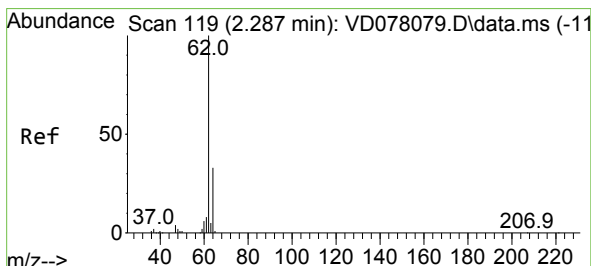
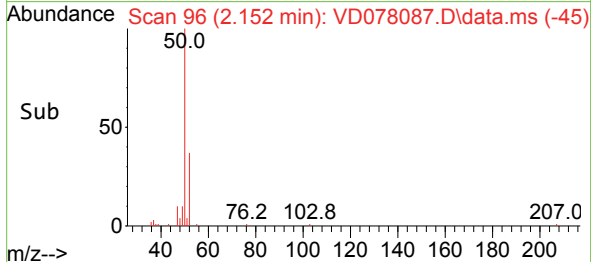
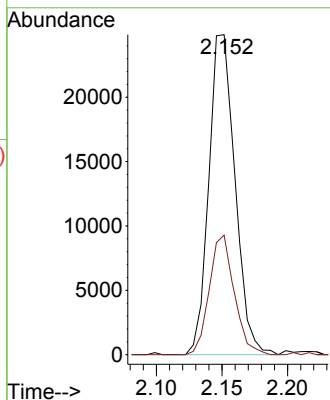
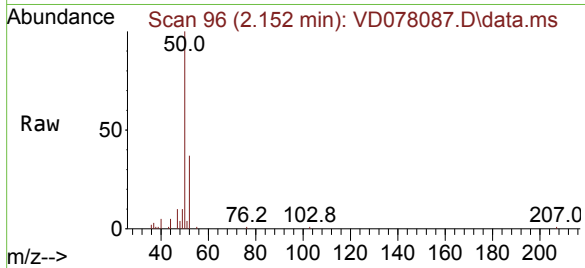




#3
Chloromethane
Concen: 19.000 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

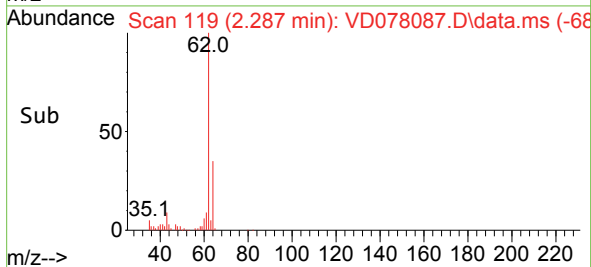
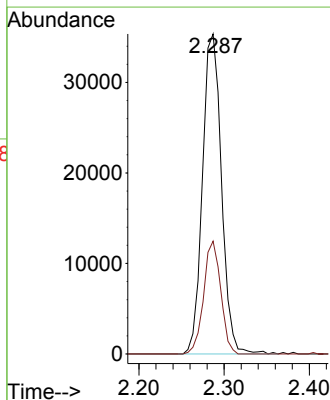
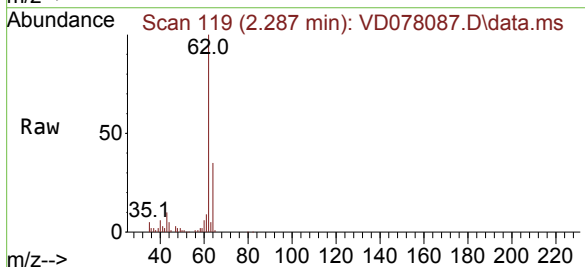
Instrument :
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ClientSampleId :
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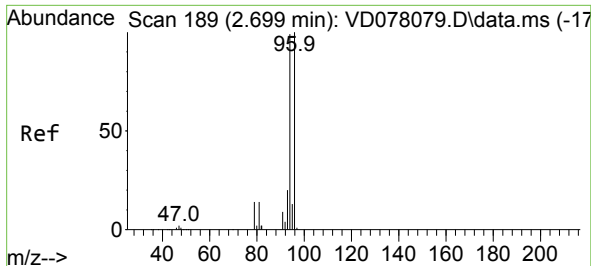
Tgt Ion: 50 Resp: 34597
Ion Ratio Lower Upper
50 100
52 37.3 26.6 40.0



#4
Vinyl Chloride
Concen: 19.971 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 62 Resp: 54816
Ion Ratio Lower Upper
62 100
64 35.2 26.0 39.0

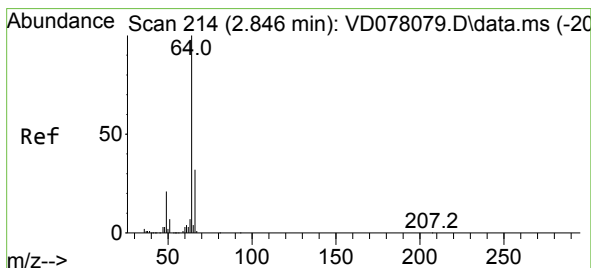
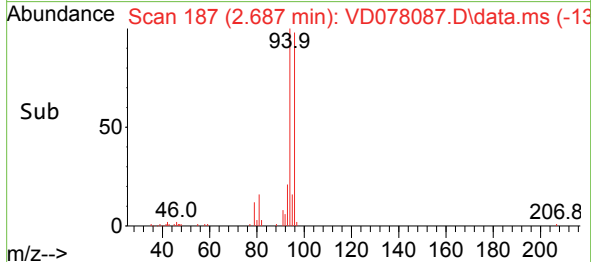
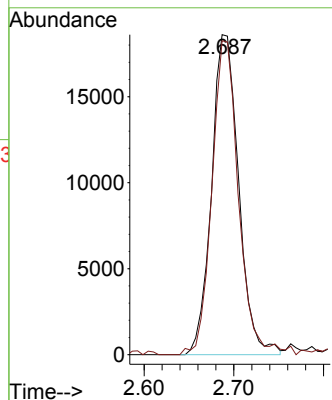
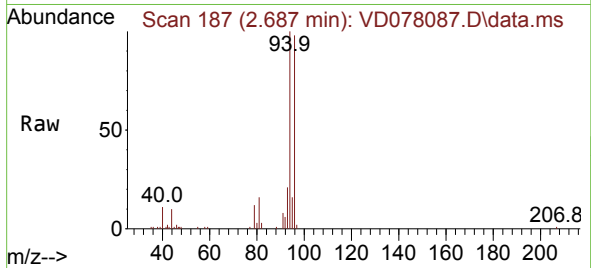




#5
Bromomethane
Concen: 17.764 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

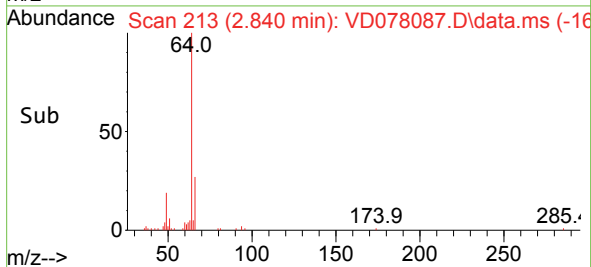
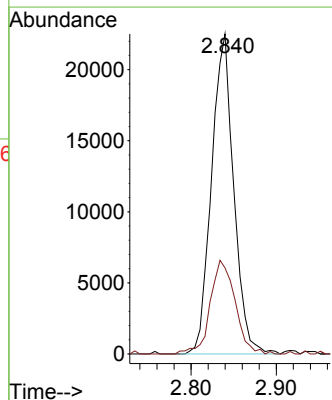
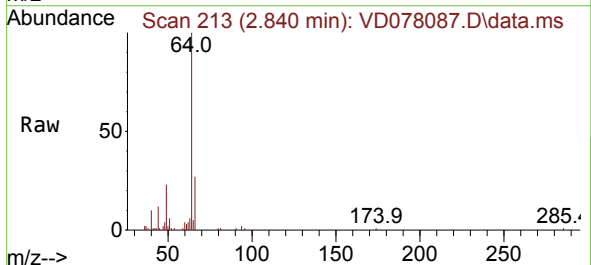
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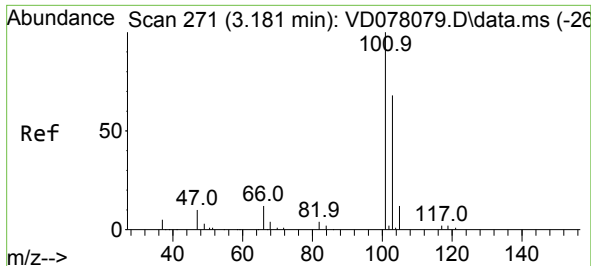
Tgt Ion: 94 Resp: 39093
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8



#6
Chloroethane
Concen: 20.191 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078087.D
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Tgt Ion: 64 Resp: 40724
Ion Ratio Lower Upper
64 100
66 26.9 25.5 38.3

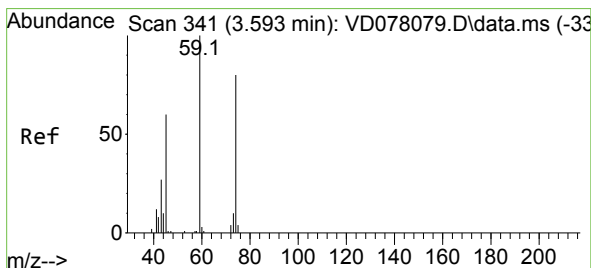
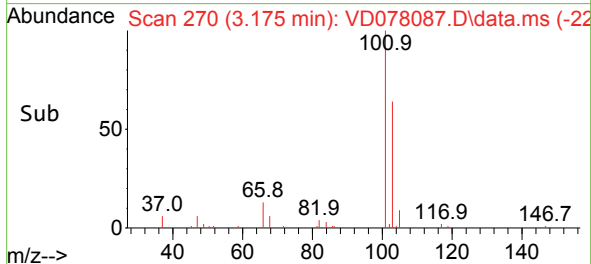
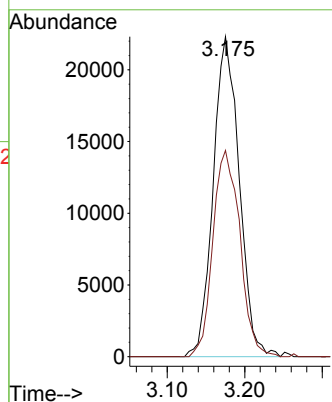
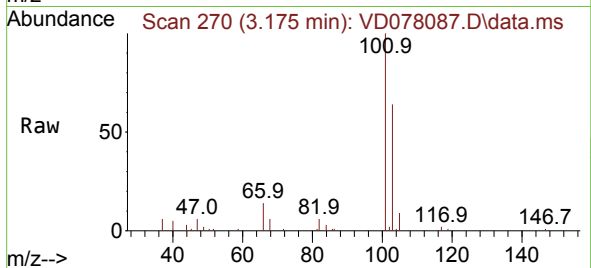




#7
Trichlorofluoromethane
Concen: 19.729 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

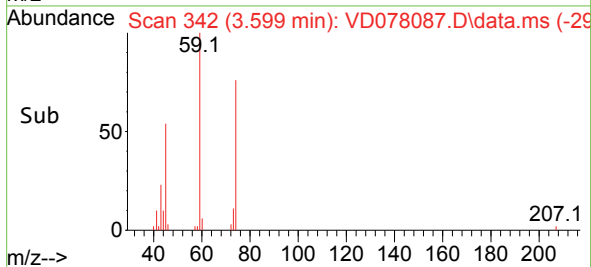
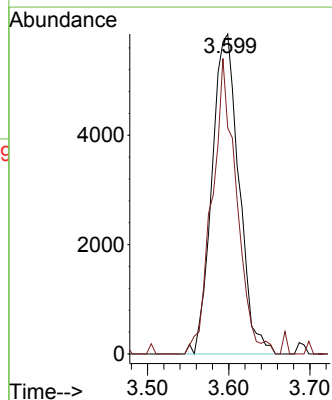
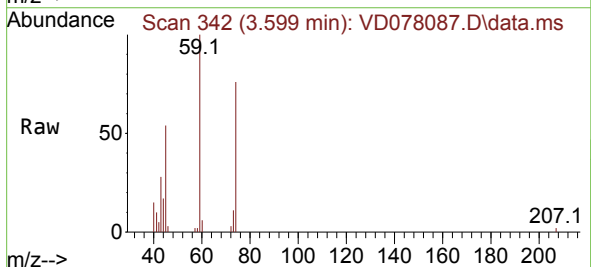
Instrument :
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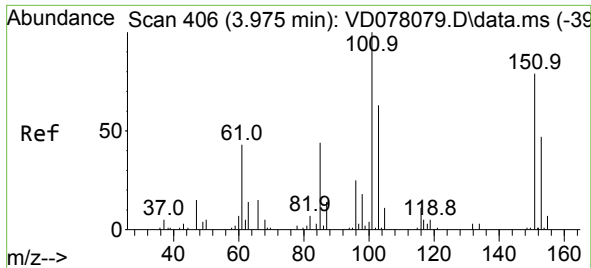
Tgt Ion:101 Resp: 52121
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5



#8
Diethyl Ether
Concen: 18.735 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 74 Resp: 13572
Ion Ratio Lower Upper
74 100
45 83.3 37.5 112.7

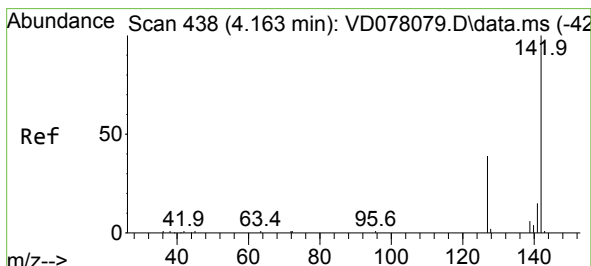
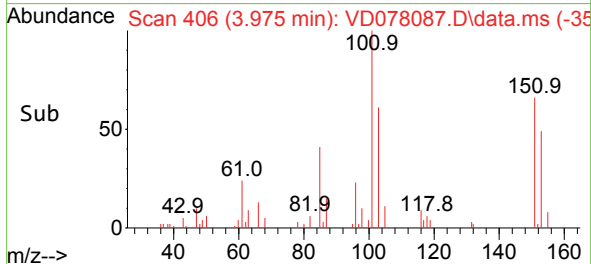
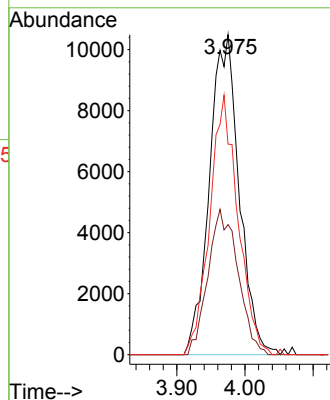
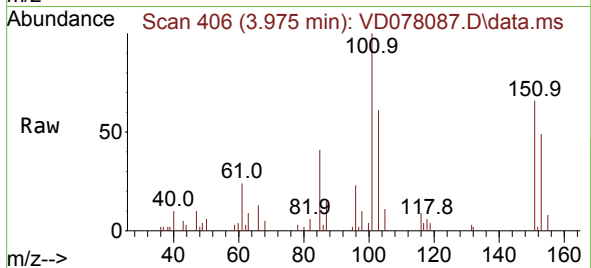




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.317 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

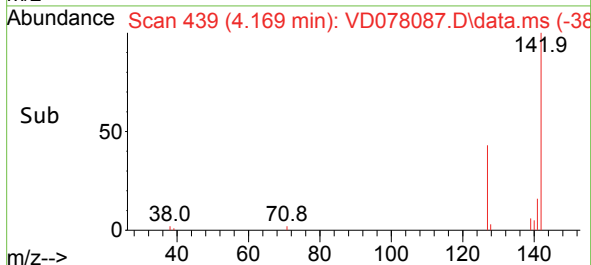
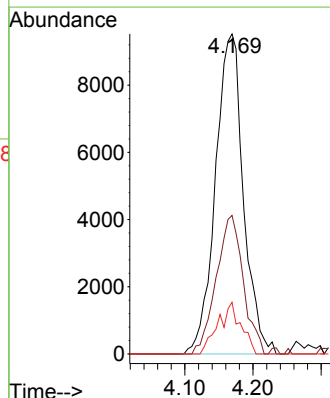
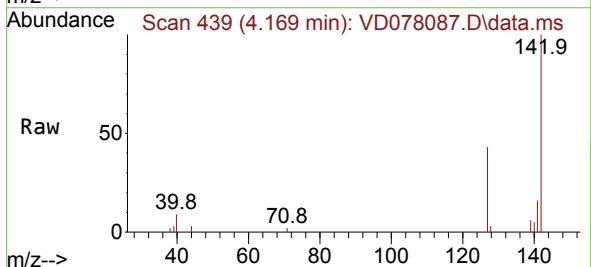
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

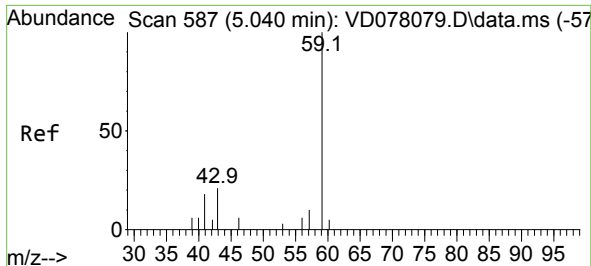
Tgt Ion:101	Resp:	31785
Ion	Ratio	Lower Upper
101	100	
85	45.9	33.8 50.6
151	77.2	59.8 89.6



#10
Methyl Iodide
Concen: 17.563 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:142	Resp:	27157
Ion	Ratio	Lower Upper
142	100	
127	41.8	29.4 44.0
141	13.3	11.1 16.7





#11

Tert butyl alcohol

Concen: 43.621 ug/l

RT: 5.046 min Scan# 587

Delta R.T. 0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

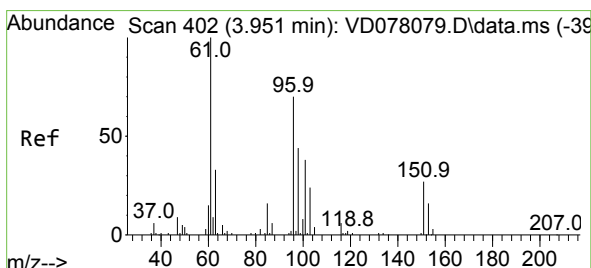
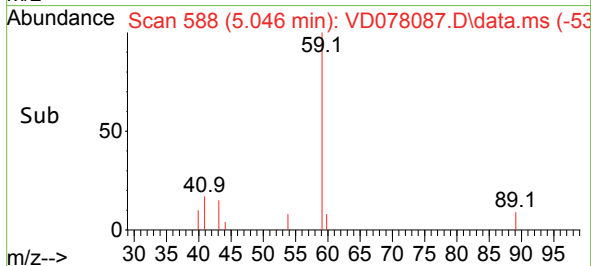
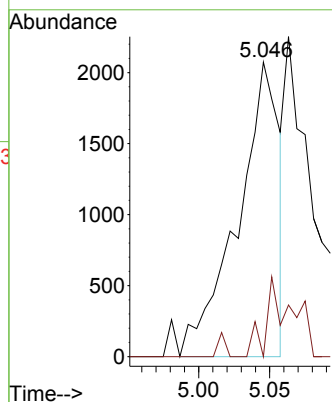
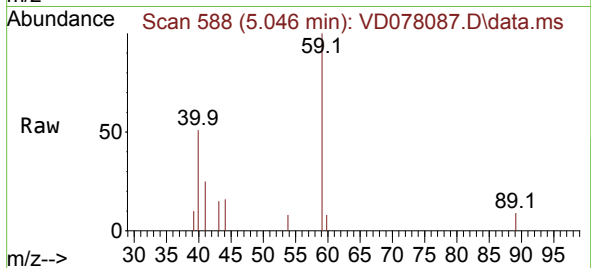
VD1228SBS01

Tgt Ion: 59 Resp: 4196

Ion Ratio Lower Upper

59 100

57 17.3 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.926 ug/l

RT: 3.952 min Scan# 402

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

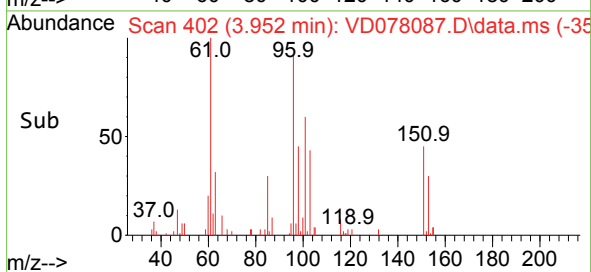
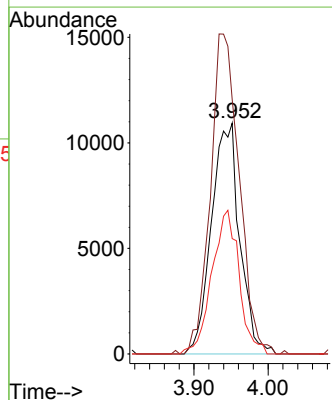
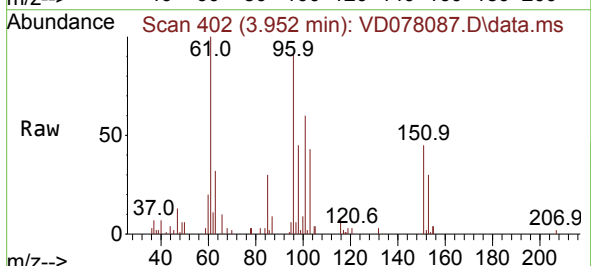
Tgt Ion: 96 Resp: 29011

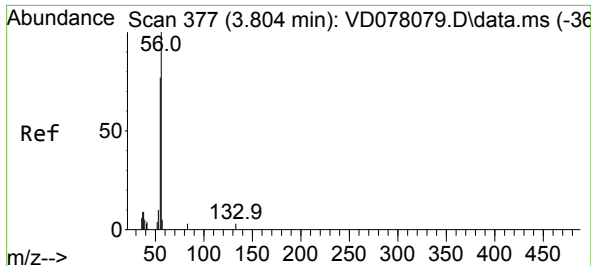
Ion Ratio Lower Upper

96 100

61 110.2 100.6 150.8

98 49.9 50.2 75.2#

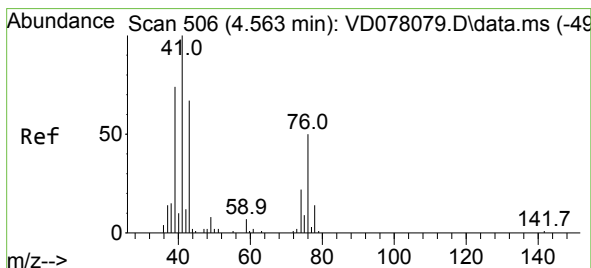
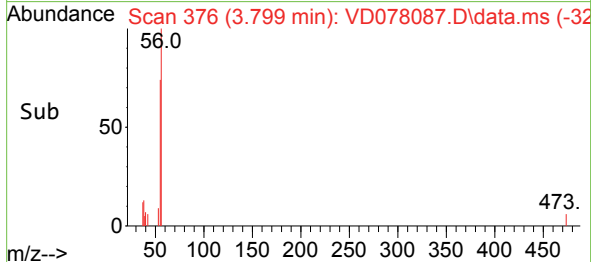
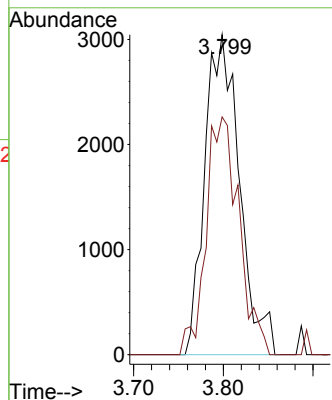
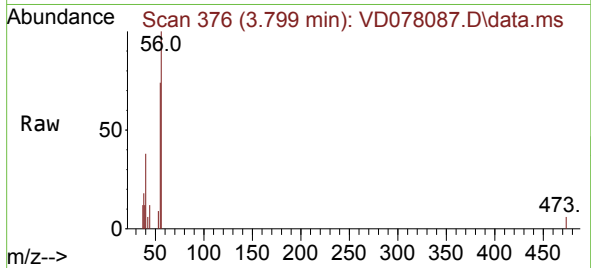




#13
Acrolein
Concen: 113.105 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

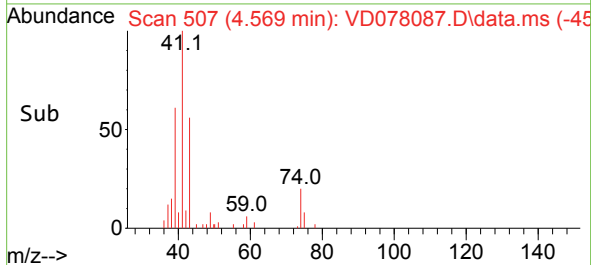
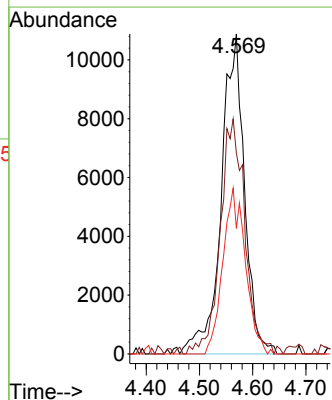
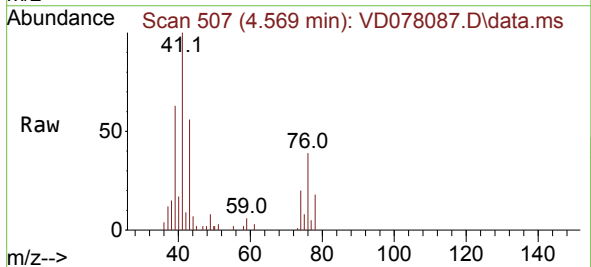
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

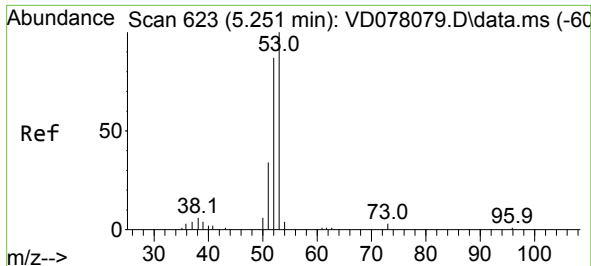
Tgt Ion: 56 Resp: 8166
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7



#14
Allyl chloride
Concen: 18.755 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 41 Resp: 33006
Ion Ratio Lower Upper
41 100
39 77.5 53.8 80.6
76 50.0 45.8 68.8

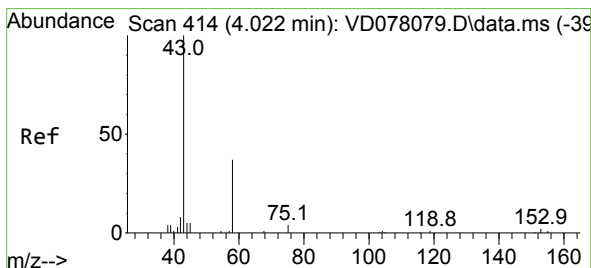
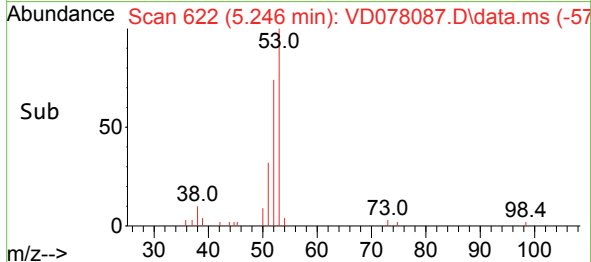
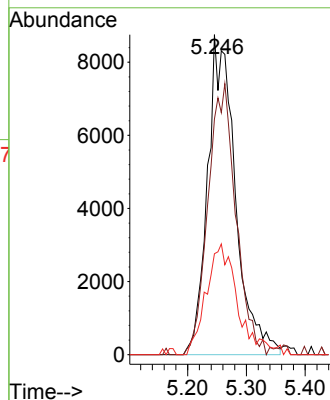
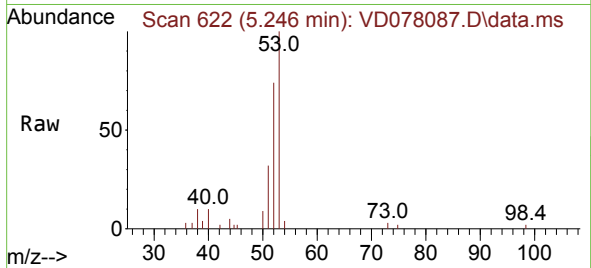




#15
Acrylonitrile
Concen: 95.010 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

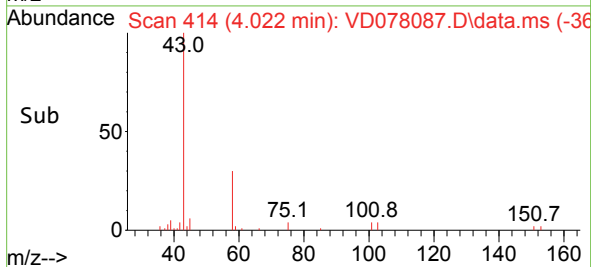
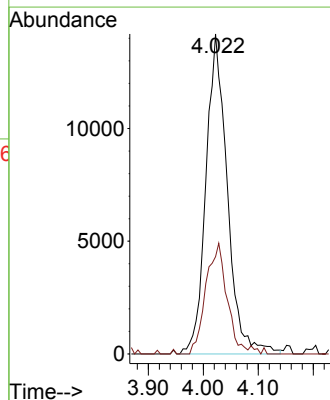
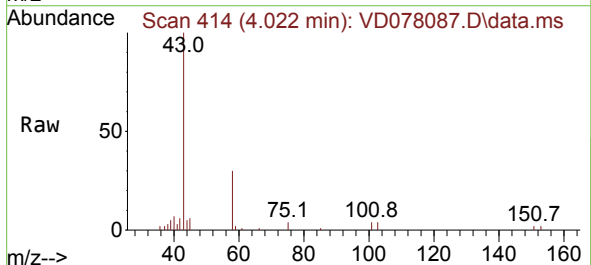
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

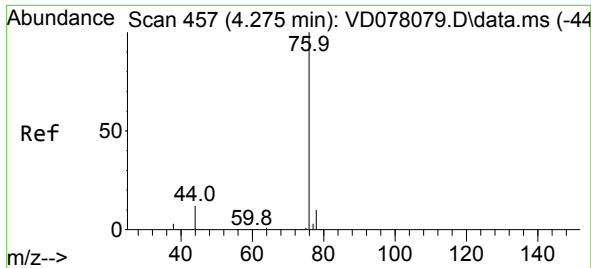
Tgt Ion: 53 Resp: 28791
Ion Ratio Lower Upper
53 100
52 84.4 65.0 97.4
51 39.4 28.3 42.5



#16
Acetone
Concen: 123.127 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 43 Resp: 38374
Ion Ratio Lower Upper
43 100
58 30.4 34.7 52.1#

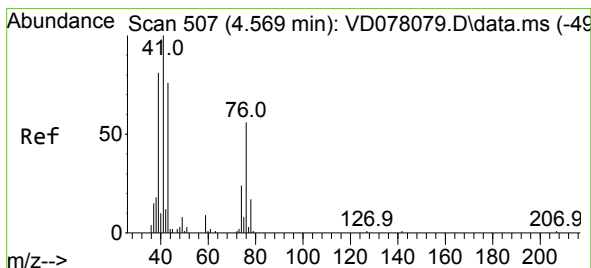
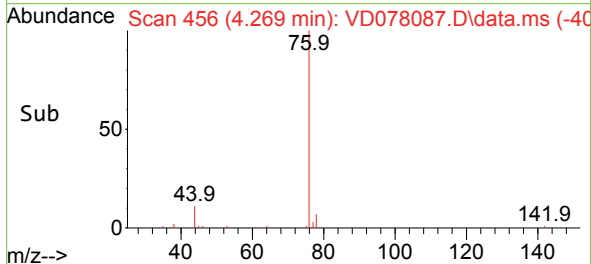
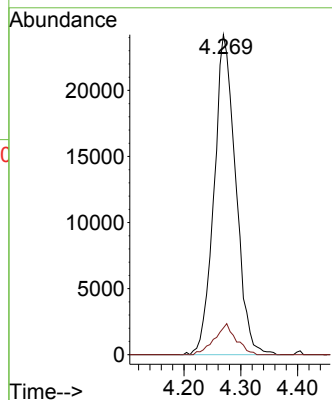
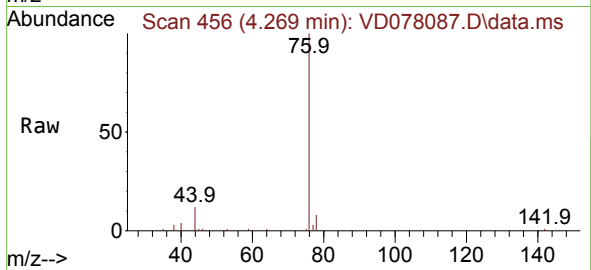




#17
Carbon Disulfide
Concen: 17.799 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

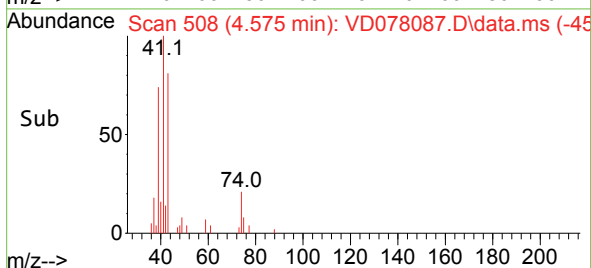
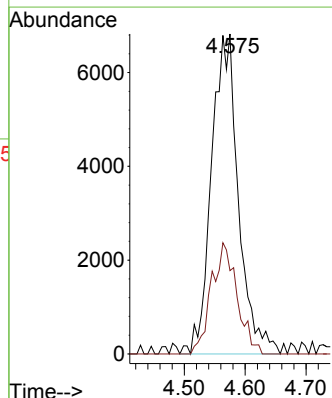
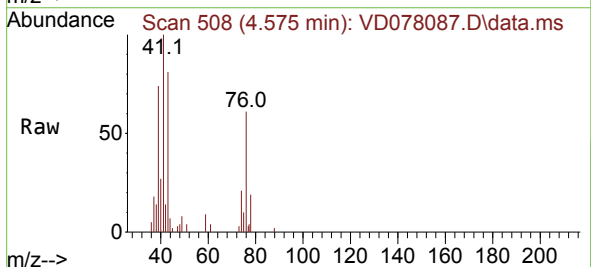
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

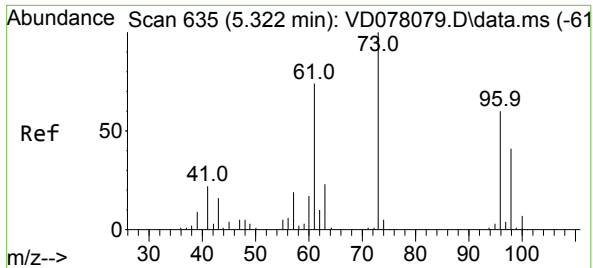
Tgt Ion: 76 Resp: 64029
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 18.686 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 43 Resp: 20993
Ion Ratio Lower Upper
43 100
74 33.0 26.4 39.6

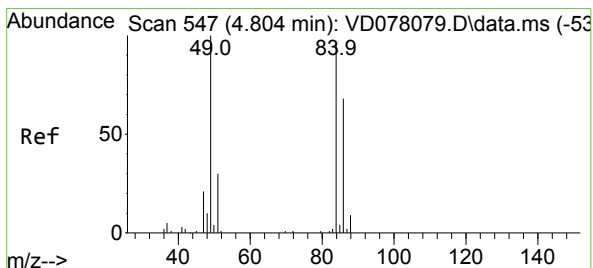
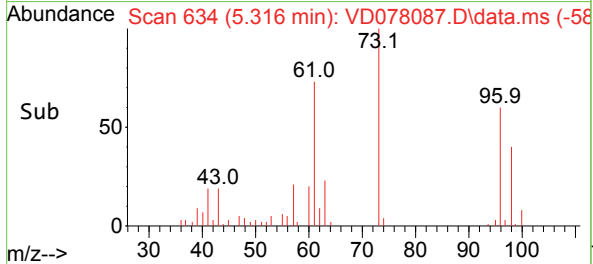
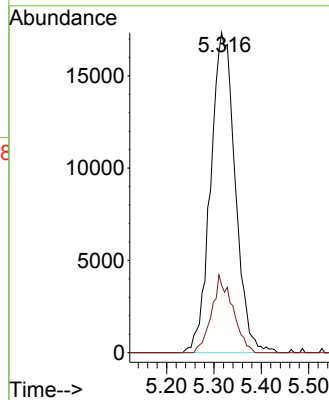
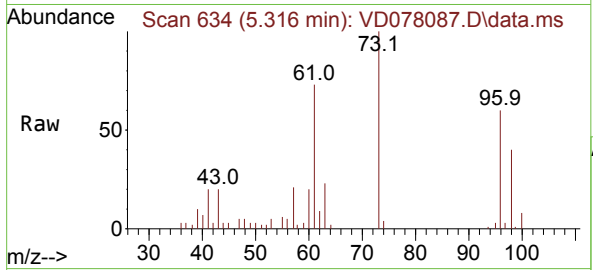




#19
Methyl tert-butyl Ether
Concen: 19.400 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

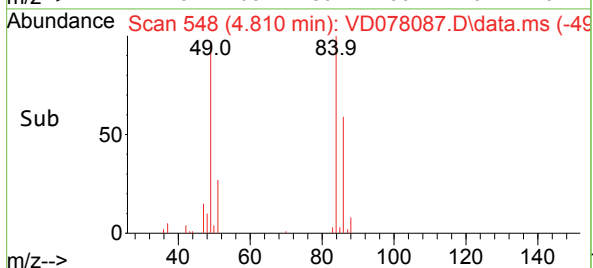
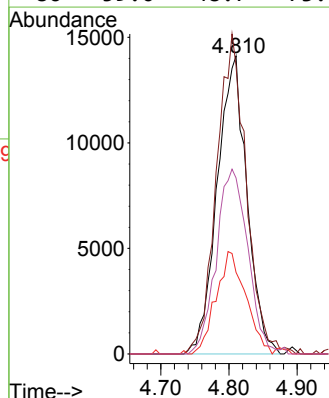
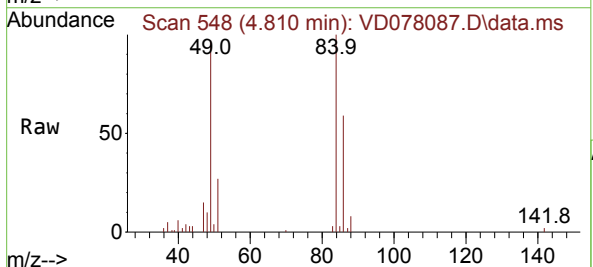
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

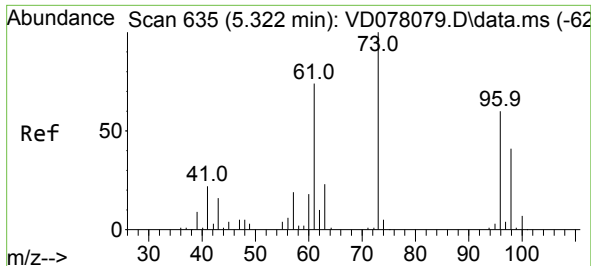
Tgt Ion: 73 Resp: 62512
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 23.811 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 84 Resp: 42800
Ion Ratio Lower Upper
84 100
49 96.7 71.4 107.2
51 27.4 24.5 36.7
86 59.0 48.7 73.1

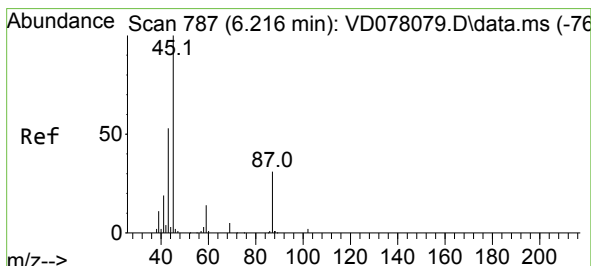
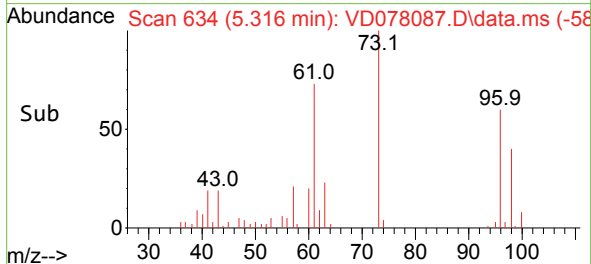
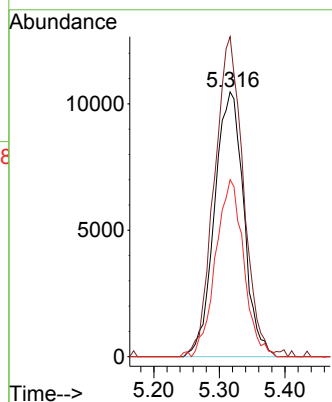
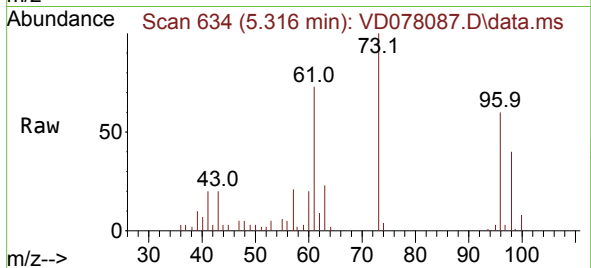




#21
trans-1,2-Dichloroethene
Concen: 19.347 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

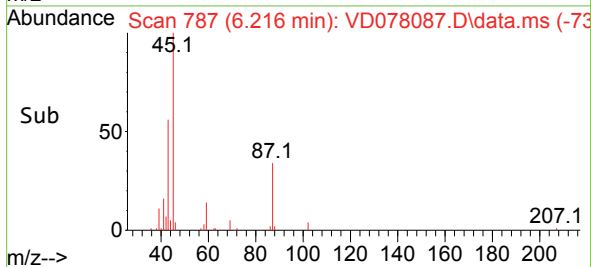
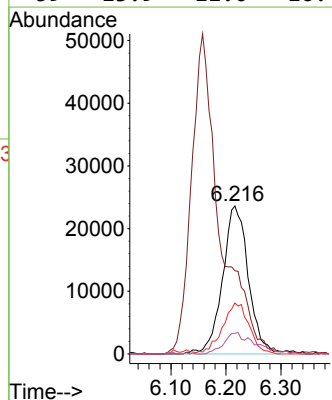
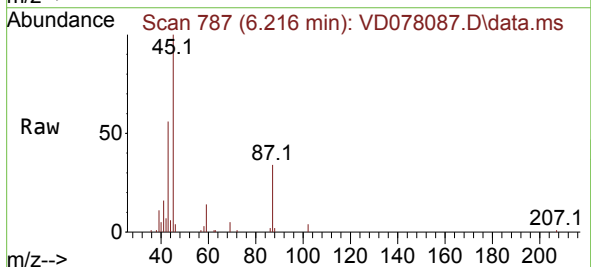
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

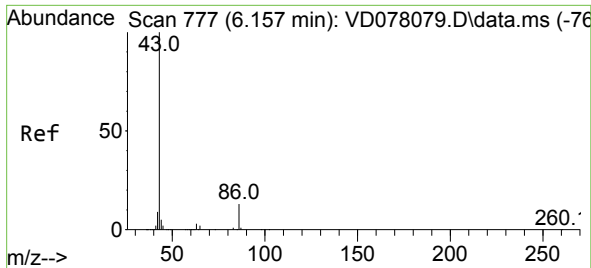
Tgt Ion: 96 Resp: 32379
Ion Ratio Lower Upper
96 100
61 120.9 89.3 133.9
98 66.8 48.6 73.0



#22
Diisopropyl ether
Concen: 19.536 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 45 Resp: 76790
Ion Ratio Lower Upper
45 100
43 54.3 40.0 60.0
87 34.5 28.2 42.4
59 13.9 11.0 16.4

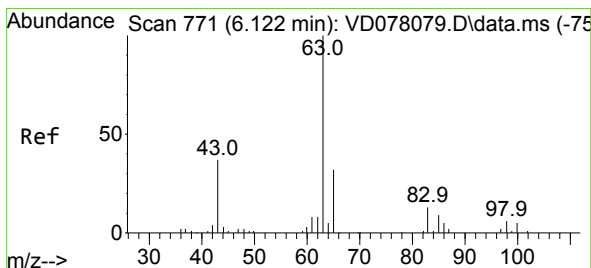
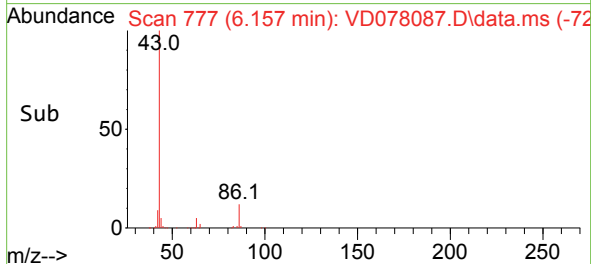
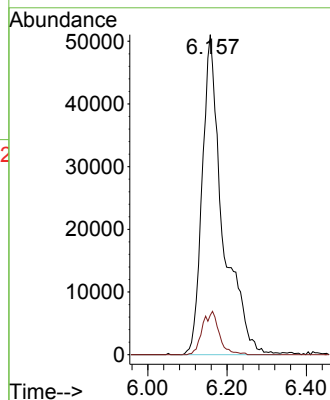
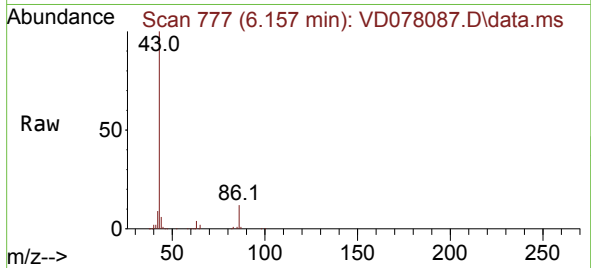




#23
 Vinyl Acetate
 Concen: 122.515 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

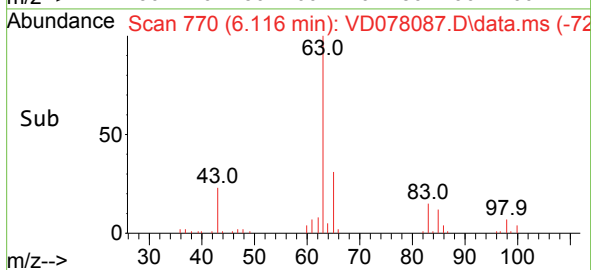
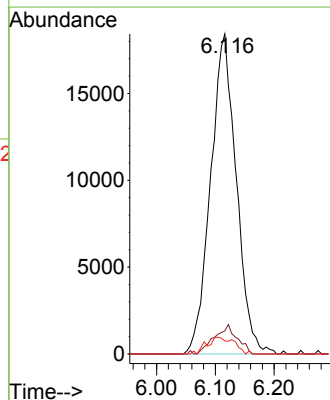
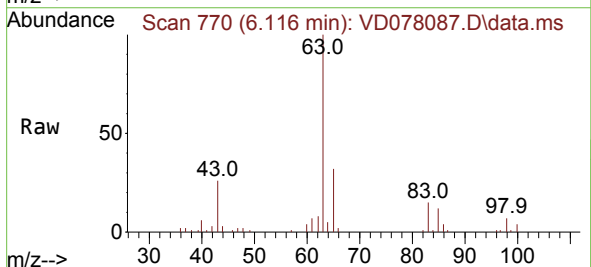
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

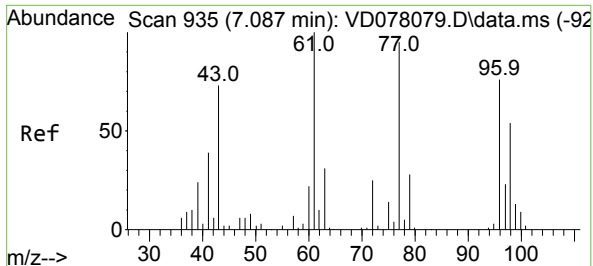
Tgt Ion: 43 Resp: 184113
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.263 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

Tgt Ion: 63 Resp: 56035
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.0 2.5 7.5

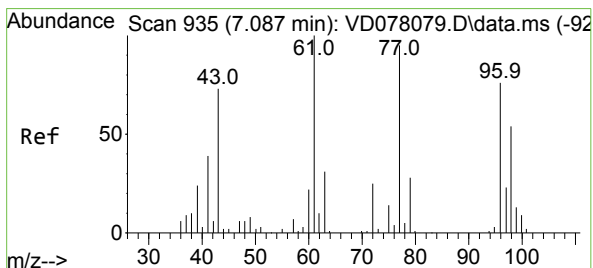
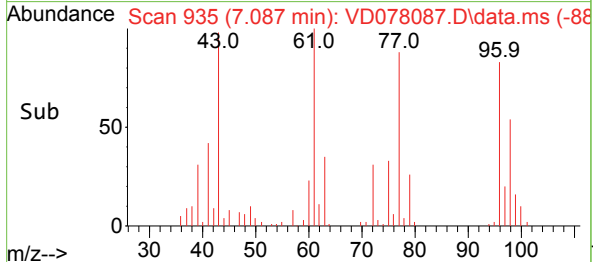
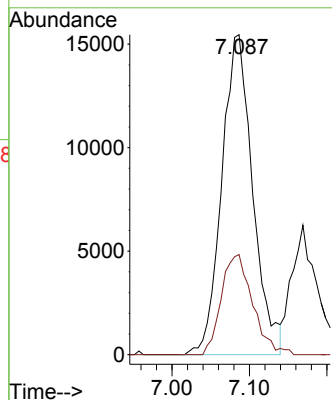
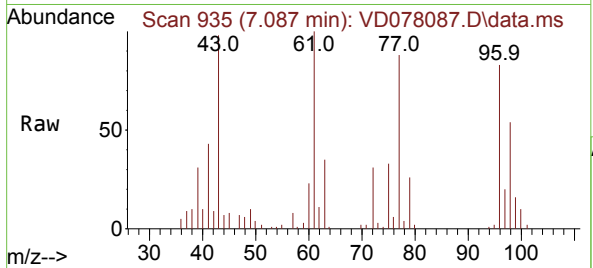




#25
2-Butanone
Concen: 111.513 ug/l
RT: 7.087 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

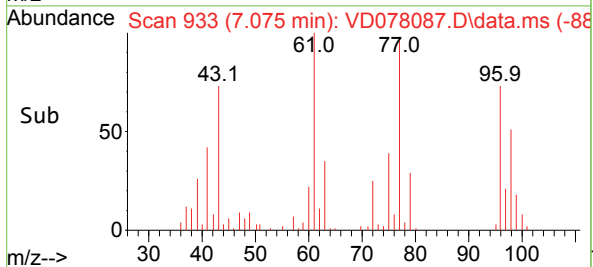
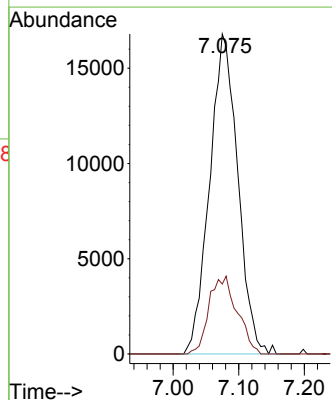
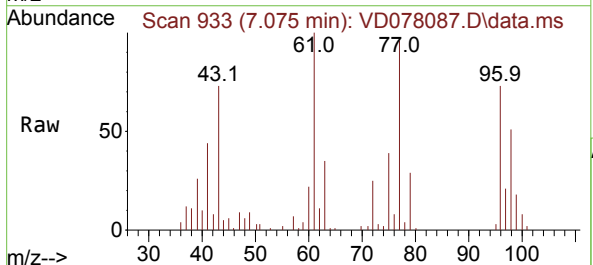
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

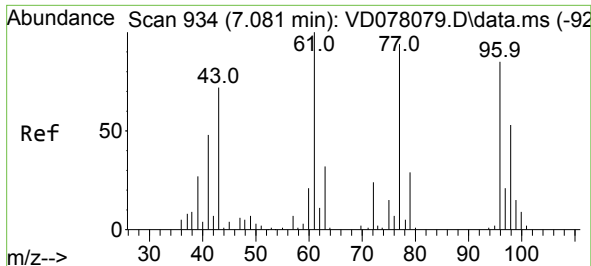
Tgt Ion: 43 Resp: 42996
Ion Ratio Lower Upper
43 100
72 31.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.188 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 77 Resp: 50146
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6

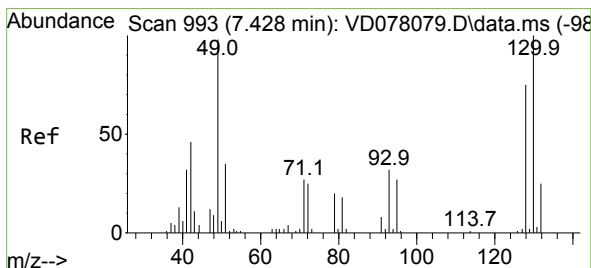
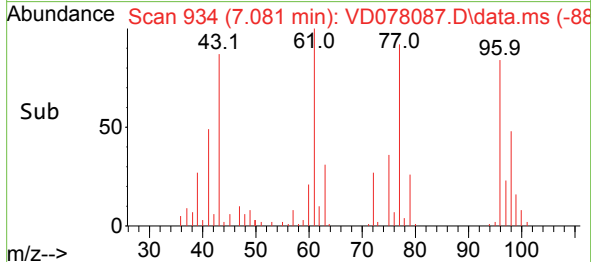
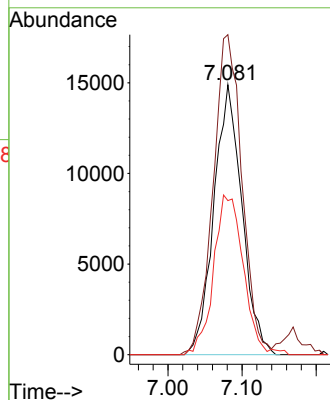
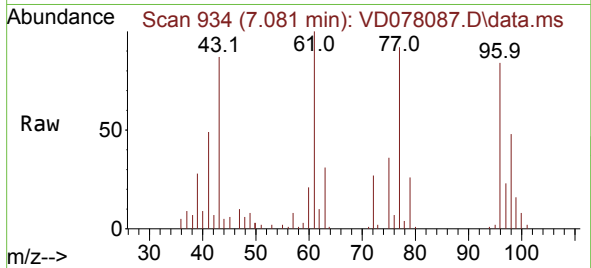




#27
 cis-1,2-Dichloroethene
 Concen: 19.717 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

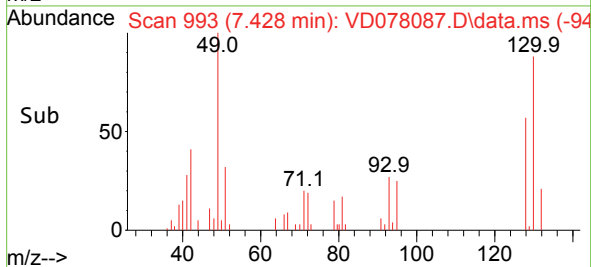
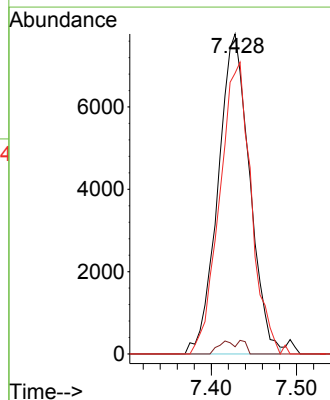
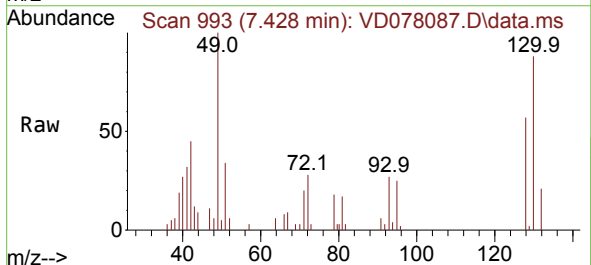
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

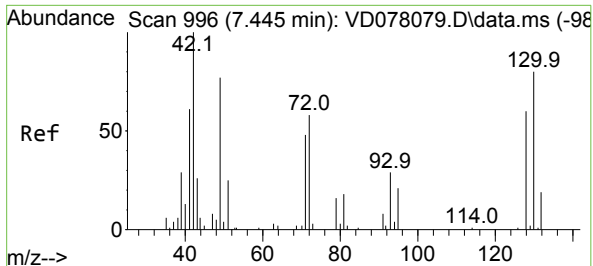
Tgt Ion: 96 Resp: 39149
 Ion Ratio Lower Upper
 96 100
 61 122.0 0.0 239.2
 98 62.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.230 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

Tgt Ion: 49 Resp: 20013
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 91.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 97.796 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

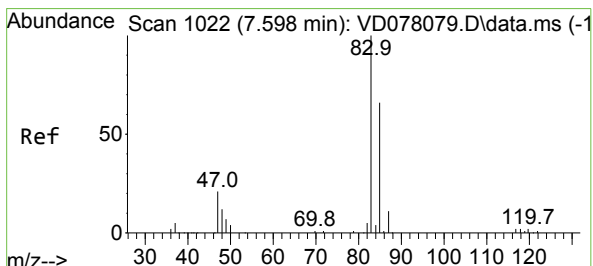
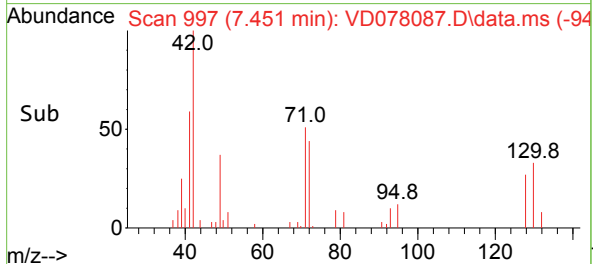
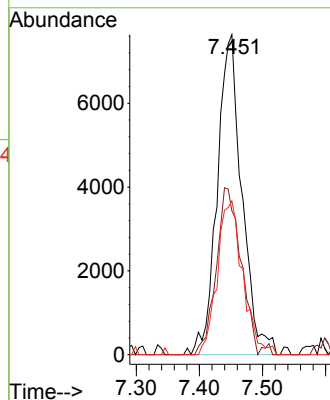
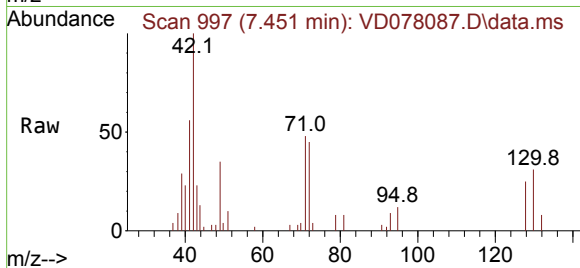
Tgt Ion: 42 Resp: 20753

Ion Ratio Lower Upper

42 100

72 52.5 46.5 69.7

71 49.6 44.5 66.7



#30

Chloroform

Concen: 19.676 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078087.D

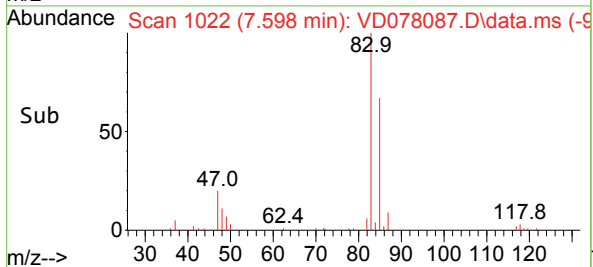
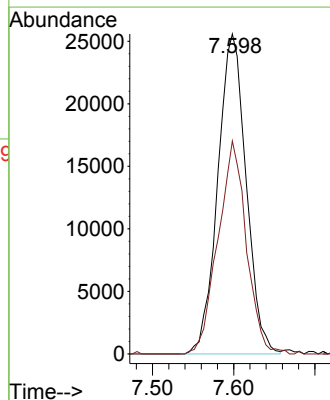
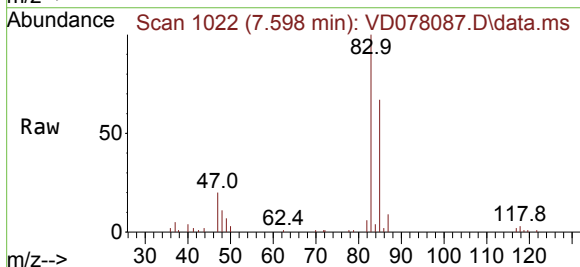
Acq: 28 Dec 2023 12:43

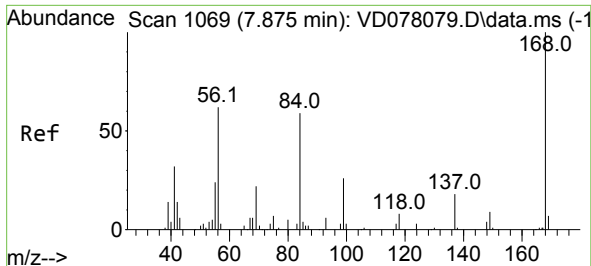
Tgt Ion: 83 Resp: 62029

Ion Ratio Lower Upper

83 100

85 66.5 53.4 80.2

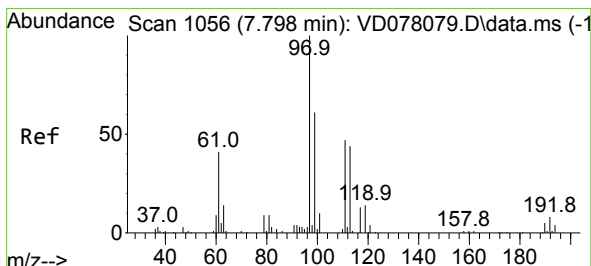
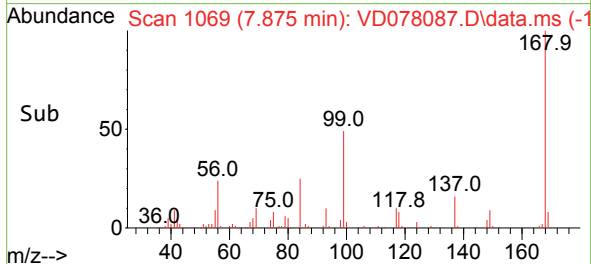
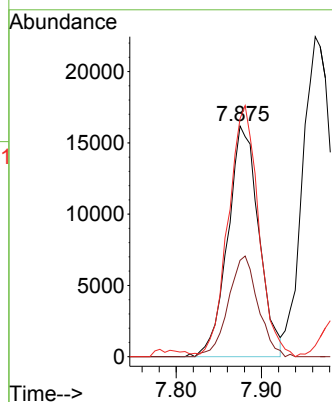
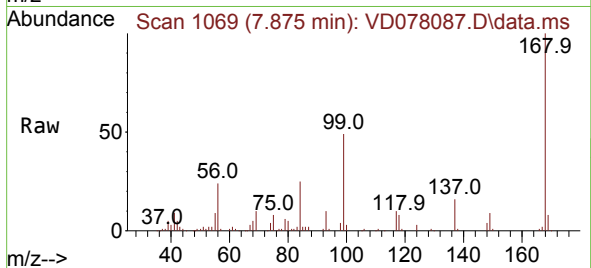




#31
Cyclohexane
Concen: 18.690 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

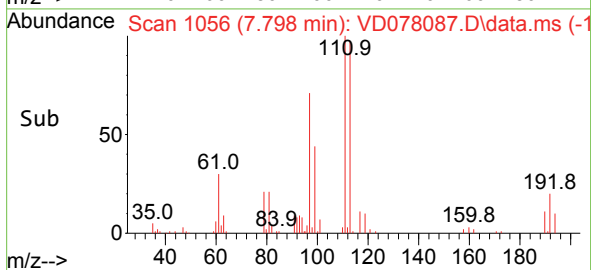
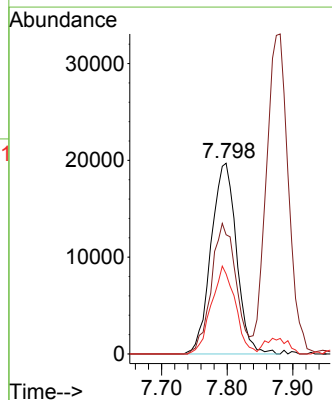
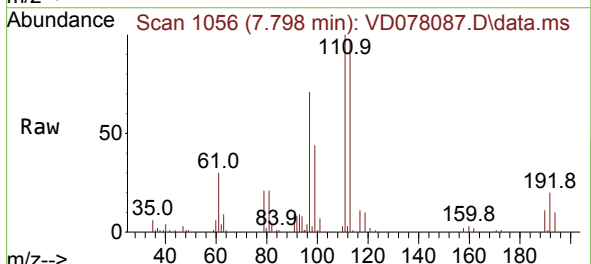
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

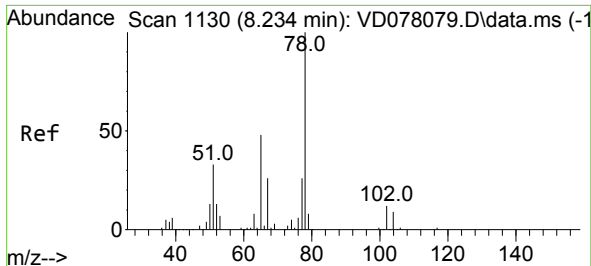
Tgt Ion: 56 Resp: 40871
Ion Ratio Lower Upper
56 100
69 41.8 28.6 43.0
84 101.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.541 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 97 Resp: 52942
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

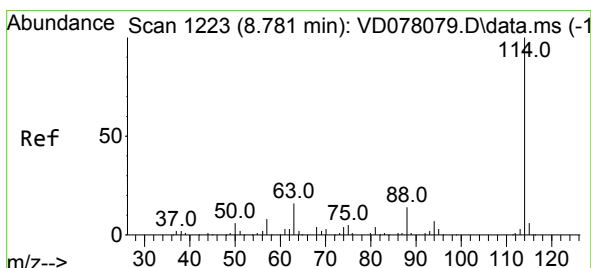
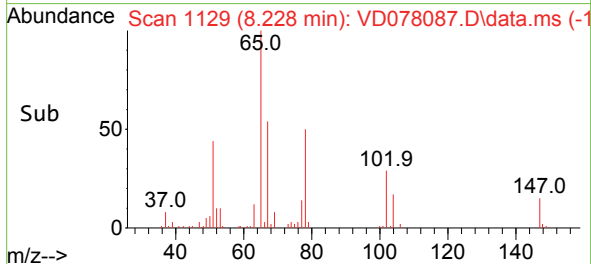
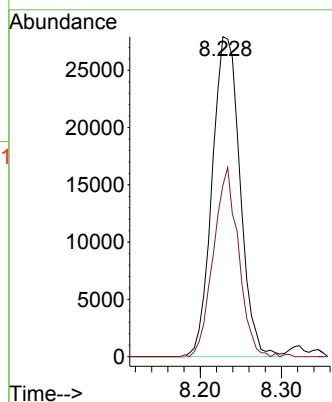
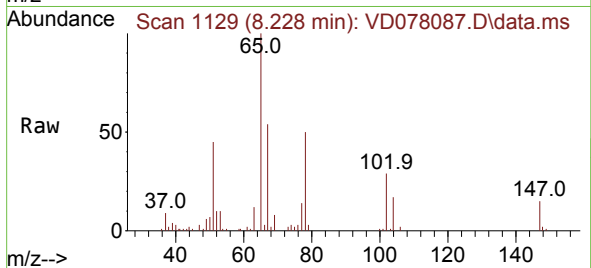
VD1228SBS01

Tgt Ion: 65 Resp: 66556

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

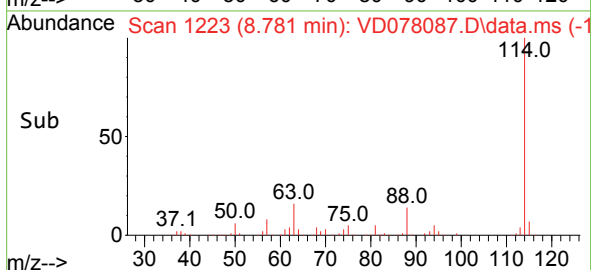
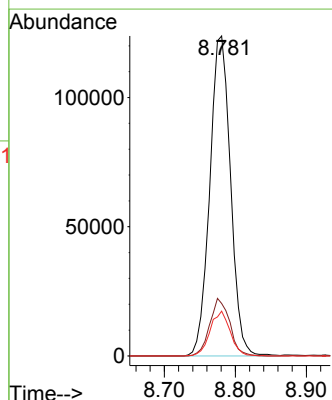
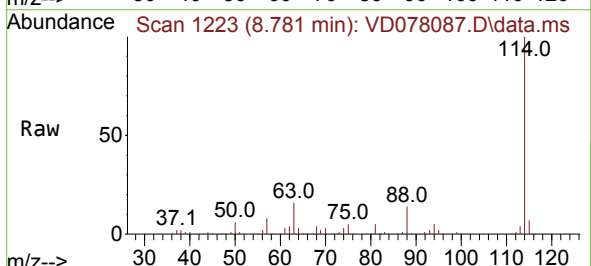
Tgt Ion: 114 Resp: 251319

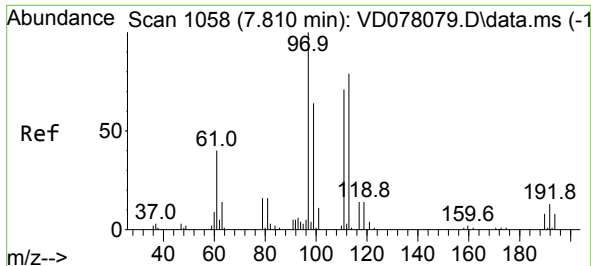
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 14.0 0.0 26.2

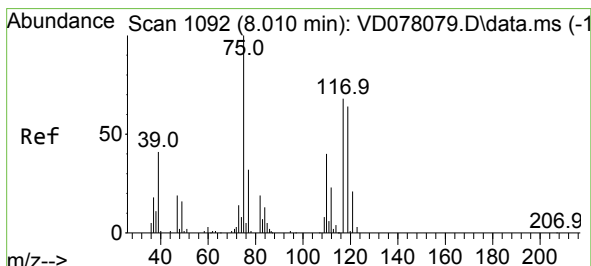
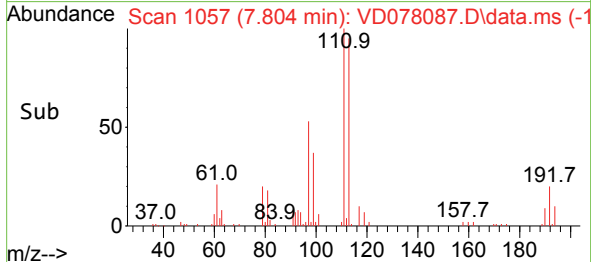
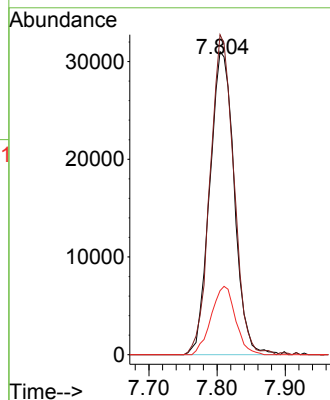
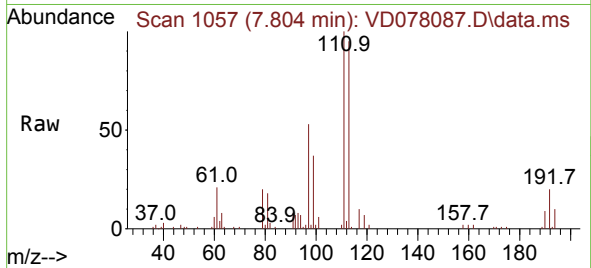




#35
Dibromofluoromethane
Concen: 47.874 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

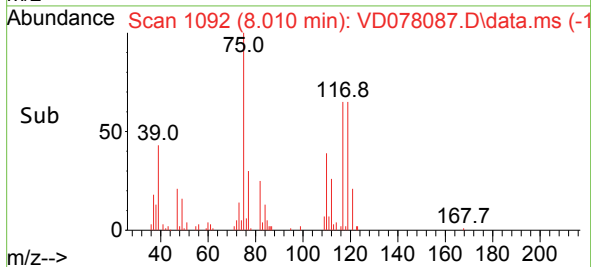
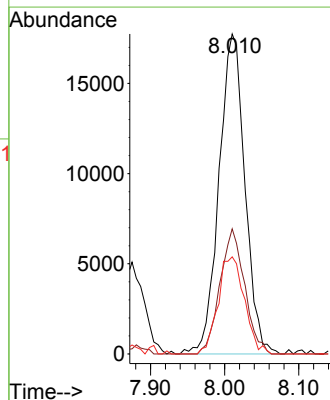
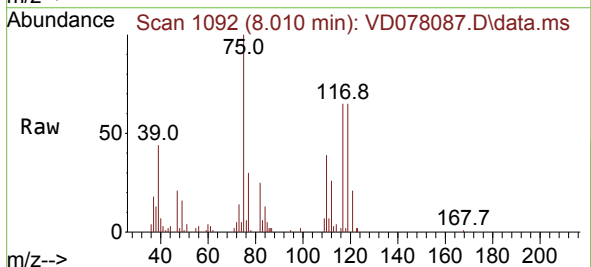
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

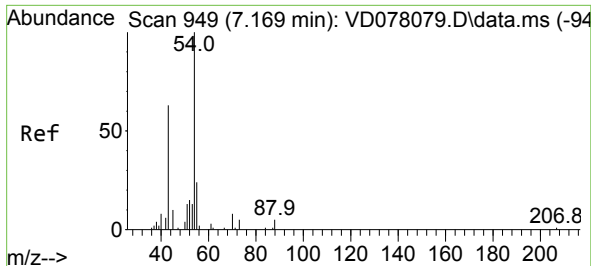
Tgt Ion:113 Resp: 77416
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 22.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.947 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 75 Resp: 43109
Ion Ratio Lower Upper
75 100
110 37.2 19.9 59.6
77 31.0 24.7 37.1

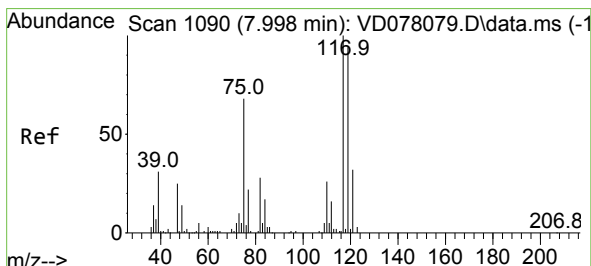
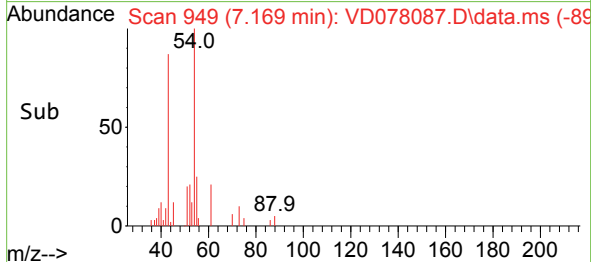
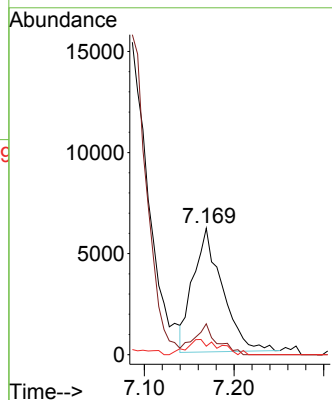
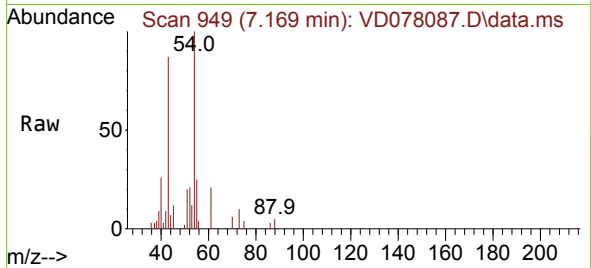




#37
Ethyl Acetate
Concen: 18.292 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

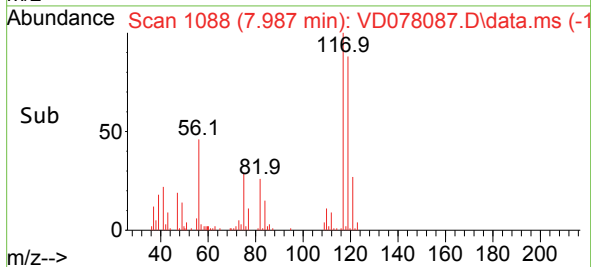
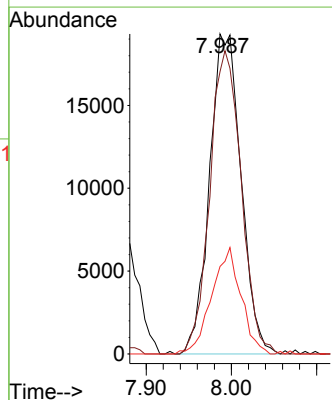
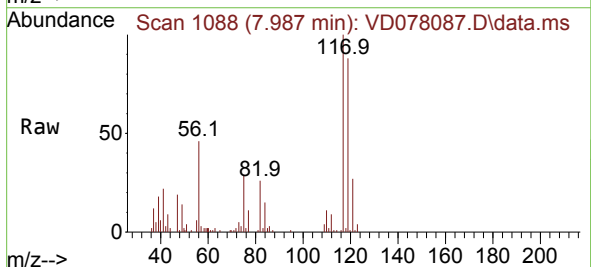
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

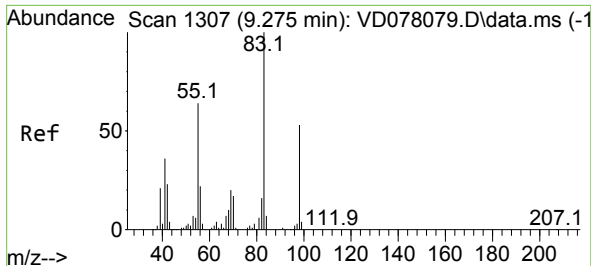
Tgt Ion: 43 Resp: 13842
Ion Ratio Lower Upper
43 100
61 19.6 14.9 22.3
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 20.141 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 117 Resp: 49657
Ion Ratio Lower Upper
117 100
119 88.2 78.0 117.0
121 26.5 24.2 36.2

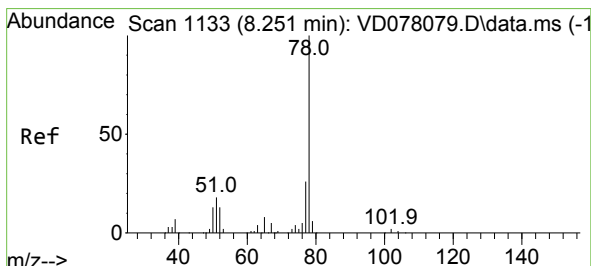
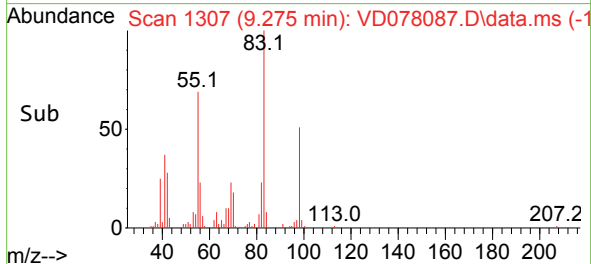
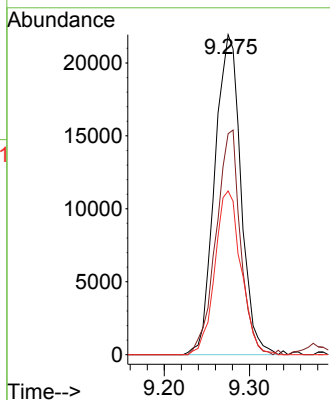
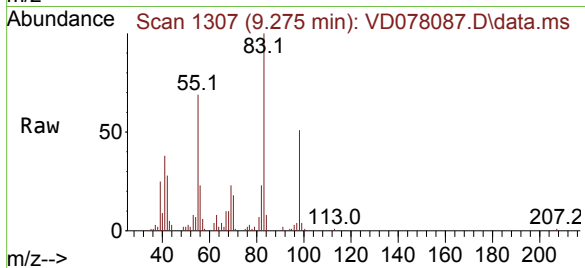




#39
Methylcyclohexane
Concen: 17.913 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

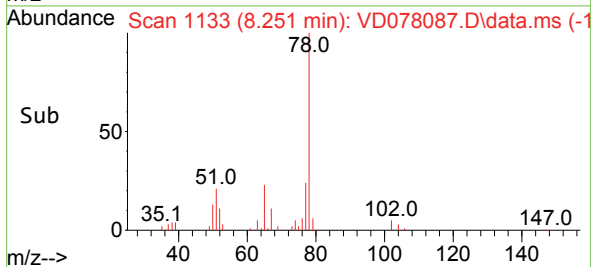
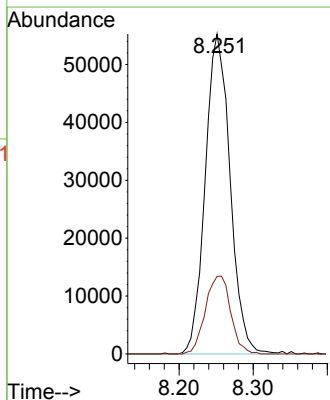
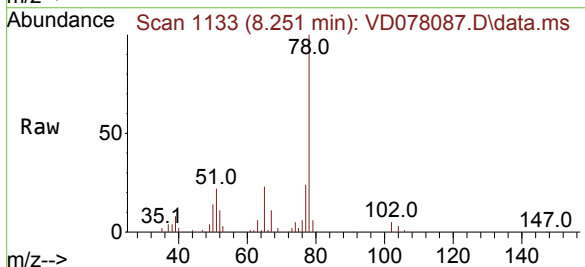
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

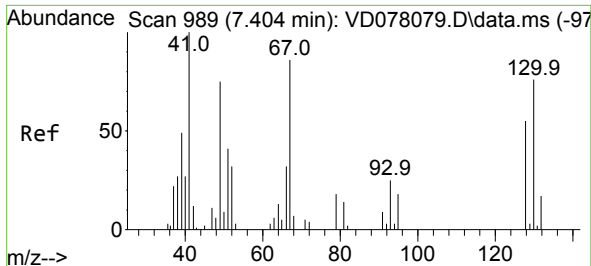
Tgt Ion: 83 Resp: 46728
Ion Ratio Lower Upper
83 100
55 69.1 49.4 74.0
98 51.1 38.4 57.6



#40
Benzene
Concen: 19.641 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 78 Resp: 128803
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

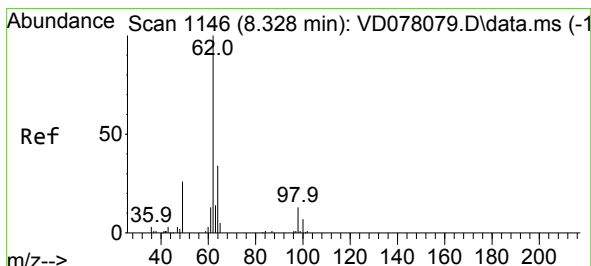
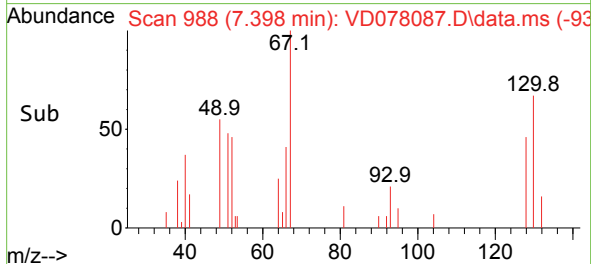
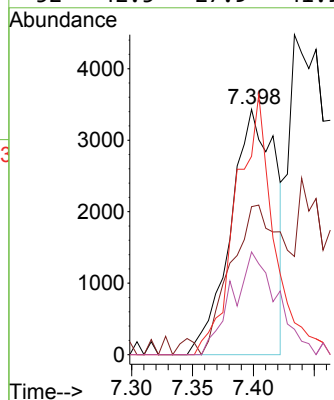
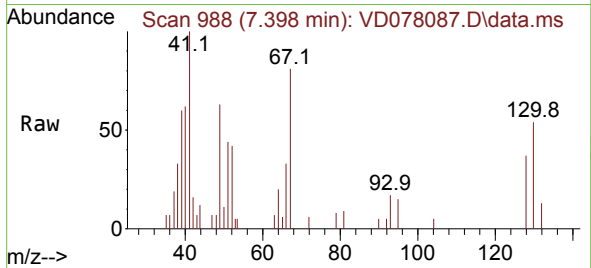




#41
Methacrylonitrile
Concen: 18.308 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

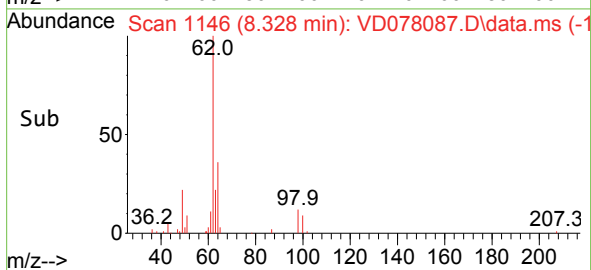
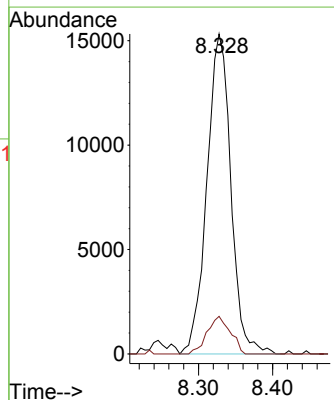
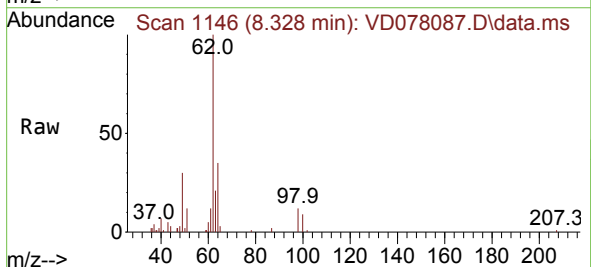
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

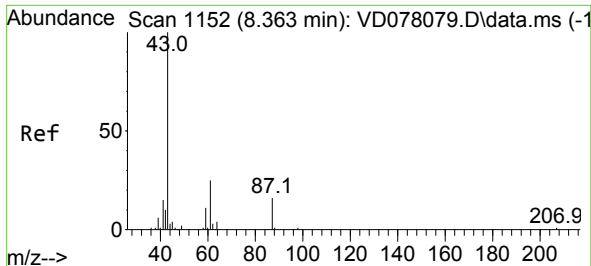
Tgt Ion: 41 Resp: 8765
Ion Ratio Lower Upper
41 100
39 73.6 34.0 51.0#
67 90.2 77.0 115.4
52 42.5 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.447 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 62 Resp: 34465
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

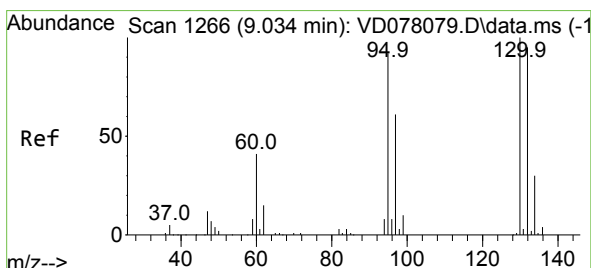
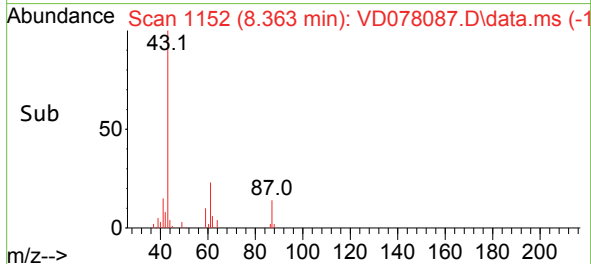
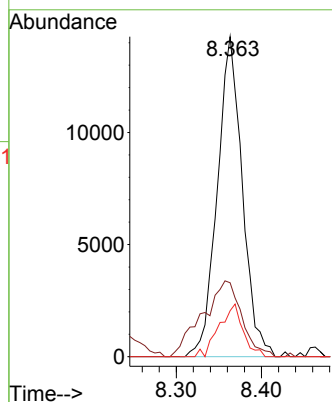
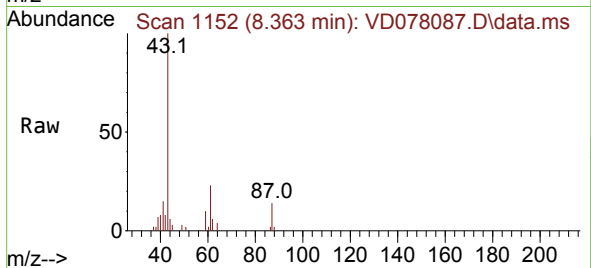




#43
Isopropyl Acetate
Concen: 19.241 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

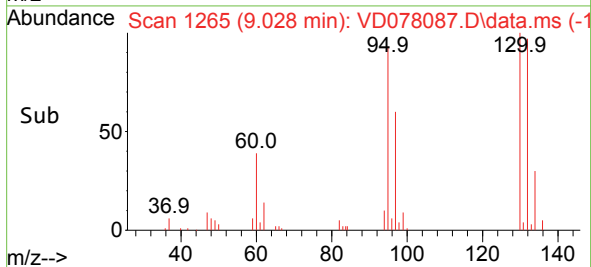
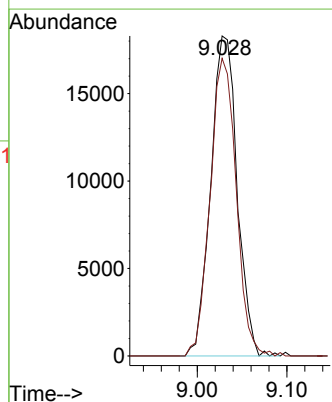
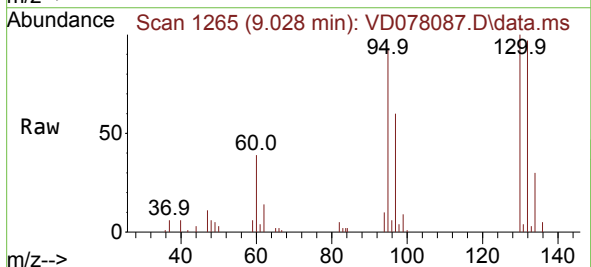
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

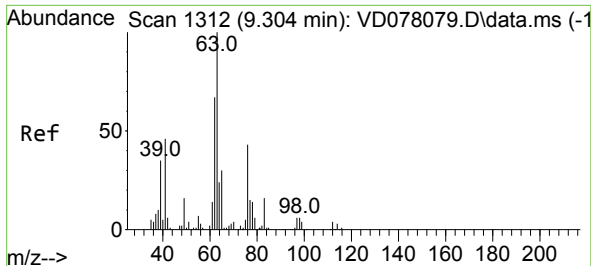
Tgt Ion:	43	Resp:	29151
Ion Ratio	Lower	Upper	
43	100		
61	37.1	31.4	47.0
87	15.8	14.9	22.3



#44
Trichloroethene
Concen: 19.858 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:	130	Resp:	37466
Ion Ratio	Lower	Upper	
130	100		
95	93.0	0.0	179.2





#45

1,2-Dichloropropane

Concen: 19.852 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

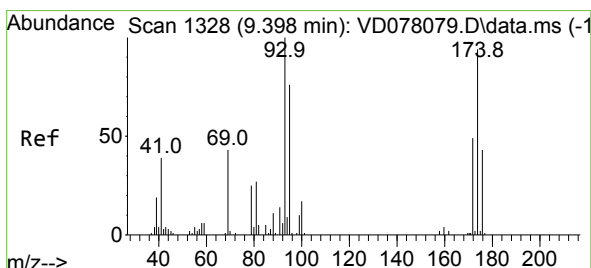
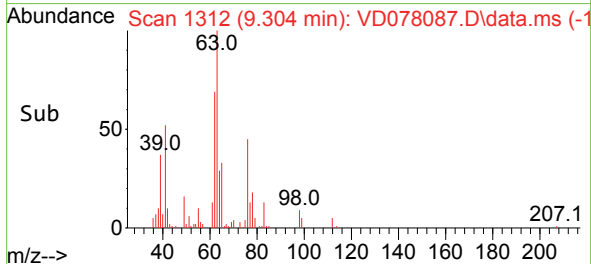
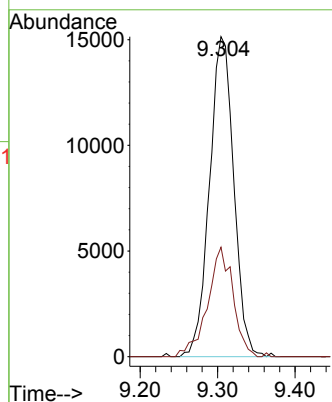
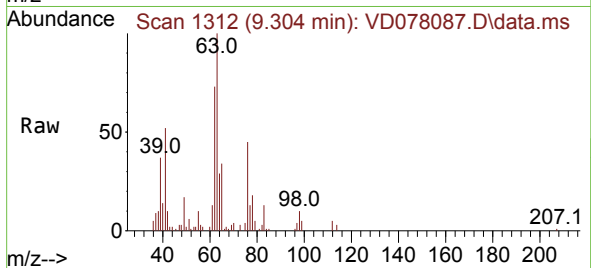
VD1228SBS01

Tgt Ion: 63 Resp: 32988

Ion Ratio Lower Upper

63 100

65 34.2 24.5 36.7



#46

Dibromomethane

Concen: 20.131 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

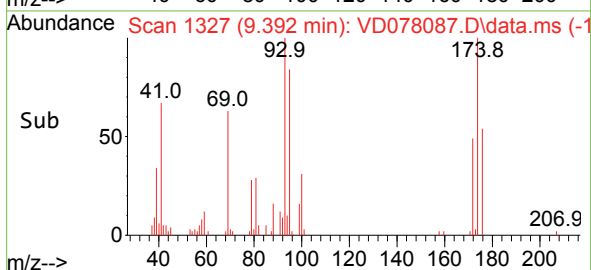
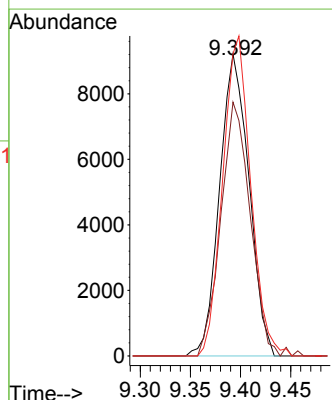
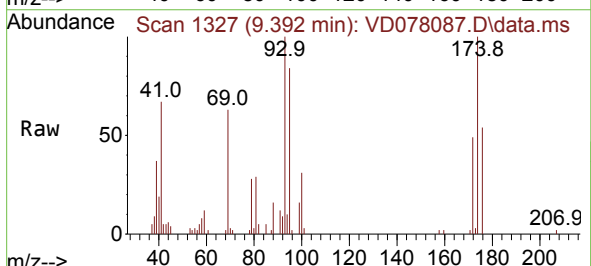
Tgt Ion: 93 Resp: 18736

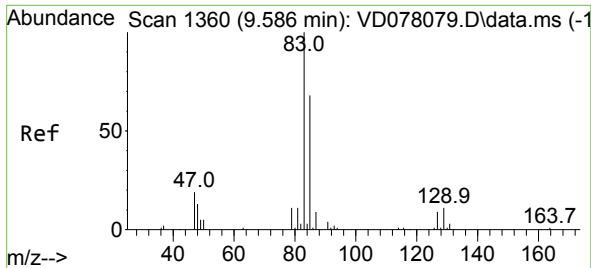
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 101.4 85.4 128.2

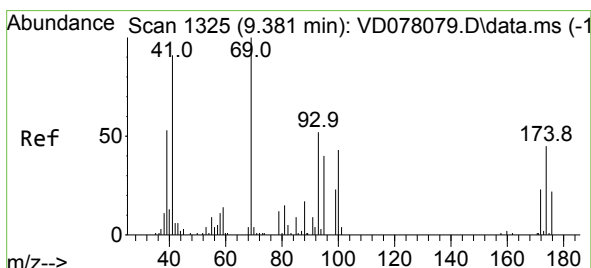
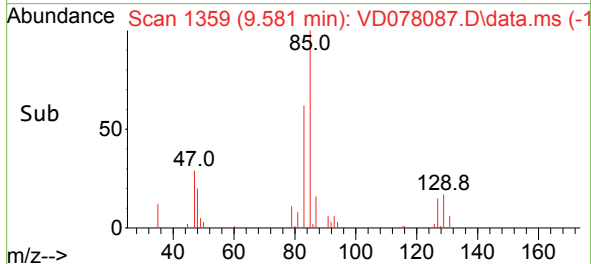
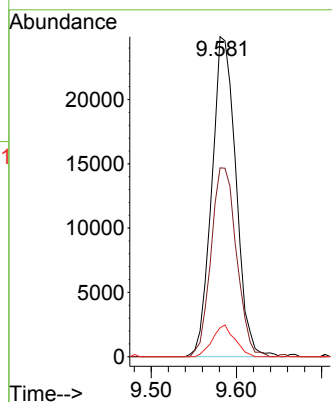
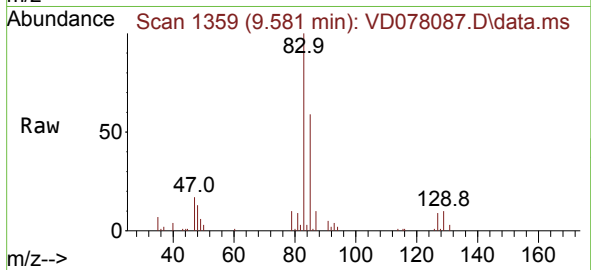




#47
Bromodichloromethane
Concen: 20.281 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

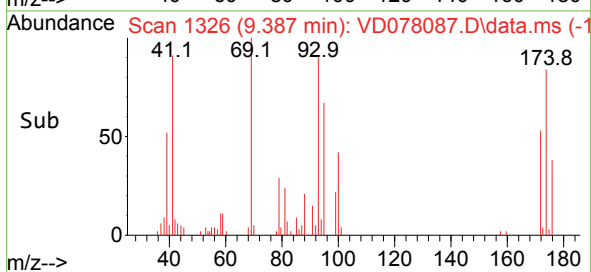
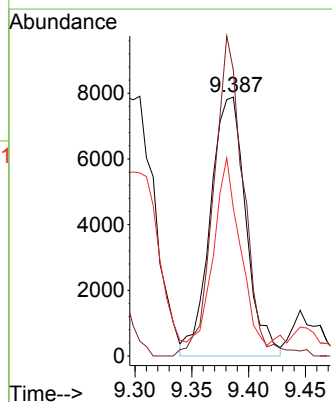
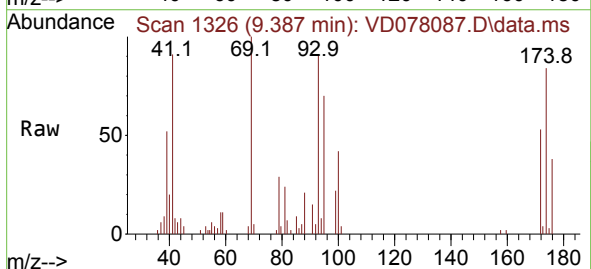
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

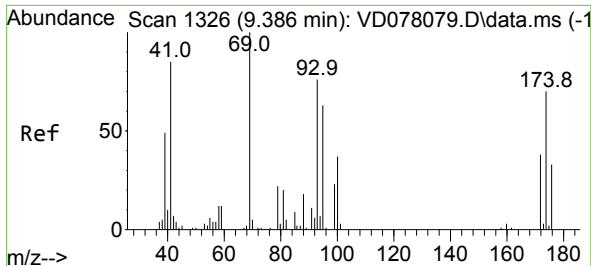
Tgt Ion: 83 Resp: 49031
Ion Ratio Lower Upper
83 100
85 59.0 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 20.099 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 41 Resp: 17161
Ion Ratio Lower Upper
41 100
69 103.4 102.2 153.2
39 52.5 41.4 62.2





#49

1,4-Dioxane

Concen: 435.655 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

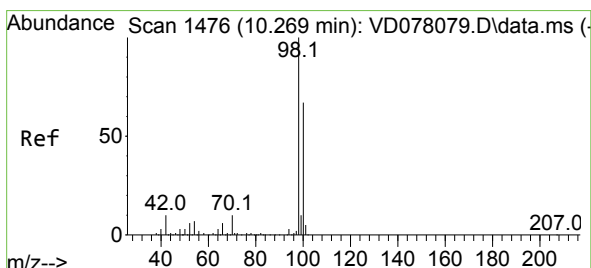
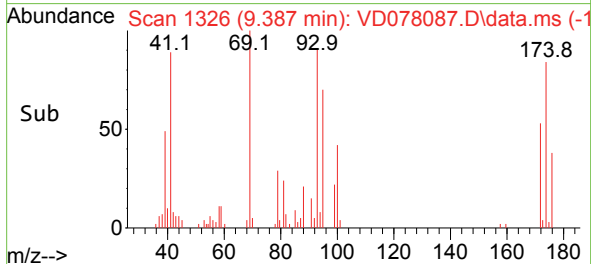
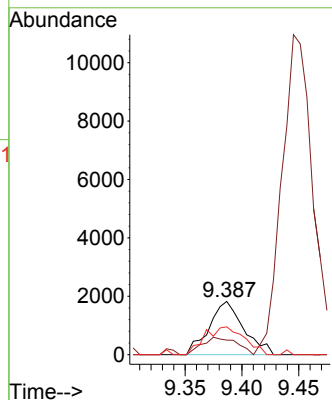
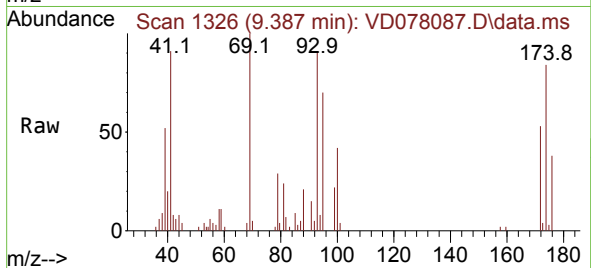
Tgt Ion: 88 Resp: 3833

Ion Ratio Lower Upper

88 100

43 32.9 19.0 28.6#

58 60.4 43.5 65.3



#50

Toluene-d8

Concen: 50.310 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078087.D

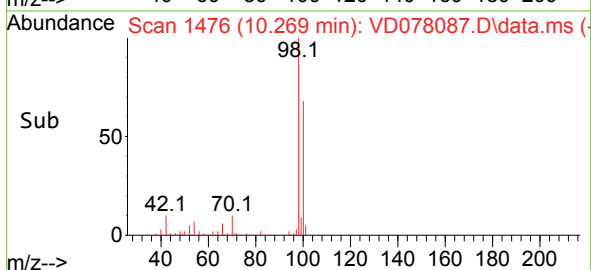
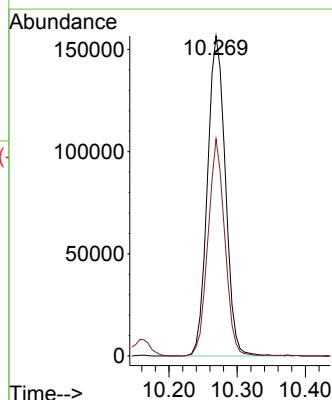
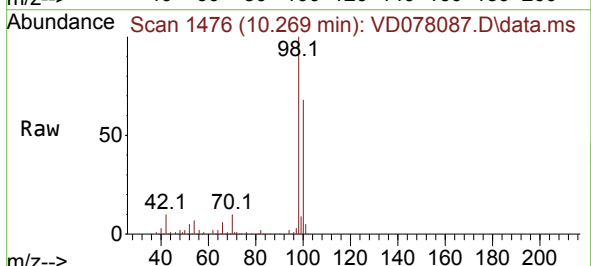
Acq: 28 Dec 2023 12:43

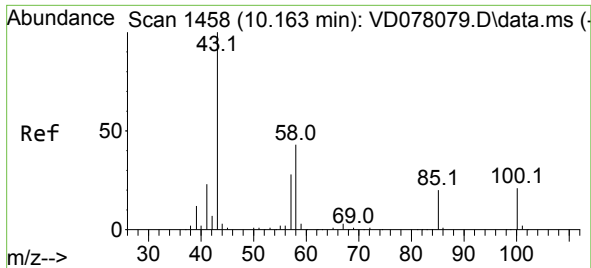
Tgt Ion: 98 Resp: 286263

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 96.835 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

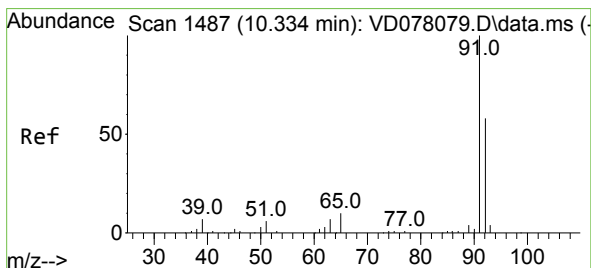
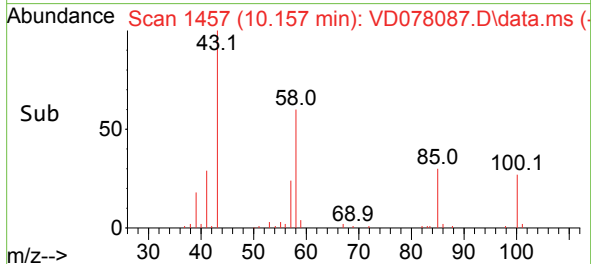
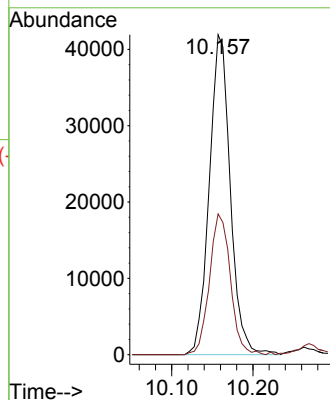
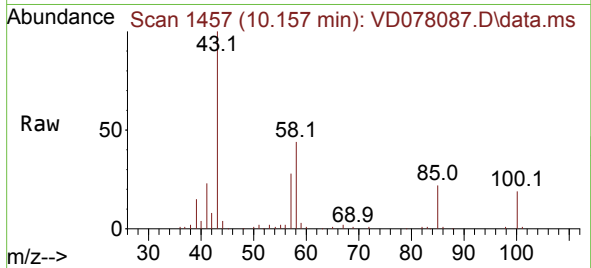
VD1228SBS01

Tgt Ion: 43 Resp: 75278

Ion Ratio Lower Upper

43 100

58 43.8 38.9 58.3



#52

Toluene

Concen: 19.989 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078087.D

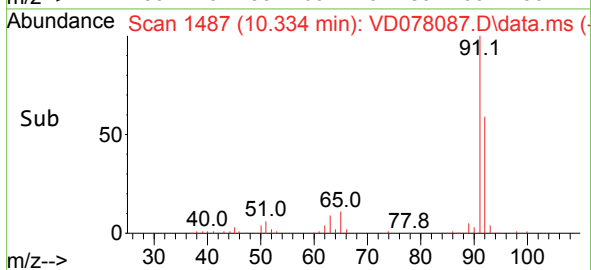
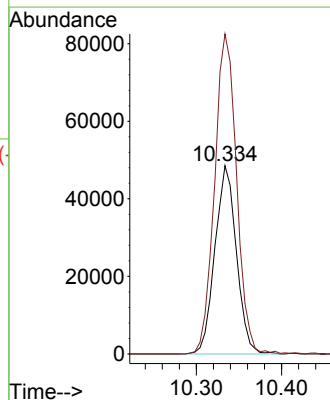
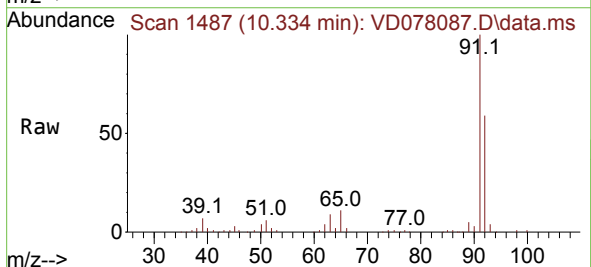
Acq: 28 Dec 2023 12:43

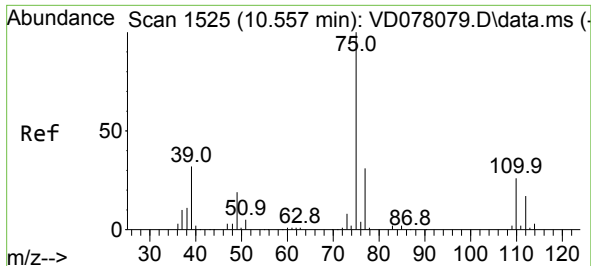
Tgt Ion: 92 Resp: 85020

Ion Ratio Lower Upper

92 100

91 174.7 143.0 214.4

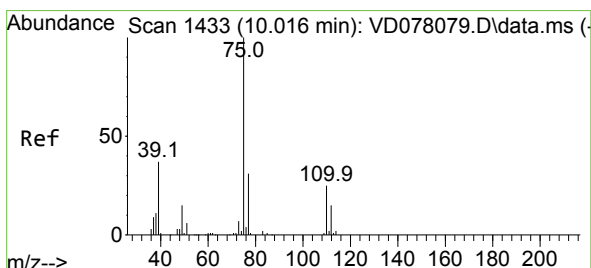
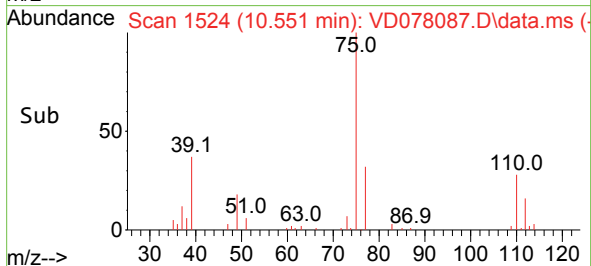
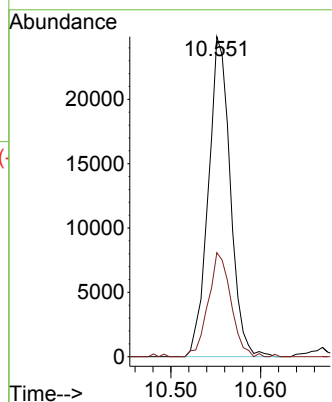
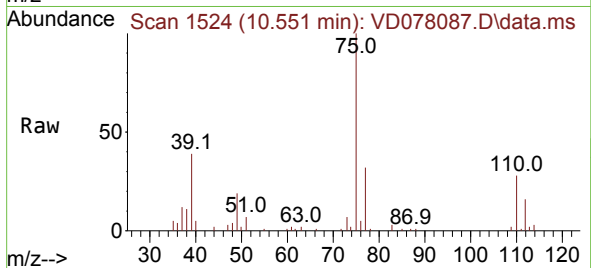




#53
 t-1,3-Dichloropropene
 Concen: 19.229 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

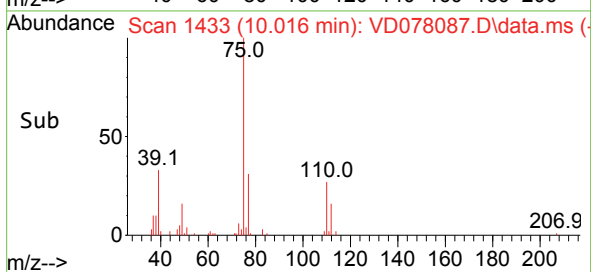
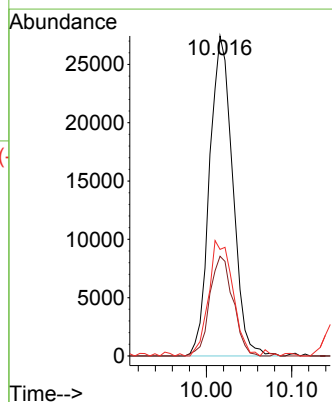
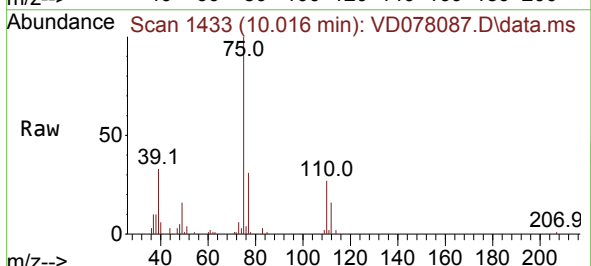
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

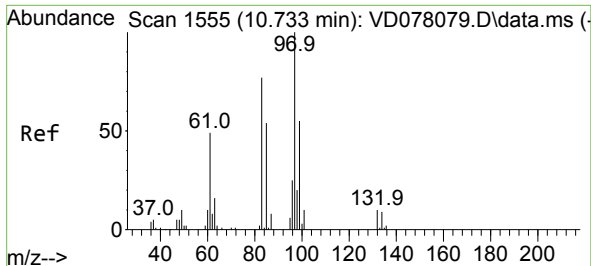
Tgt Ion: 75 Resp: 42177
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.585 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

Tgt Ion: 75 Resp: 51588
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 33.3 22.1 33.1#

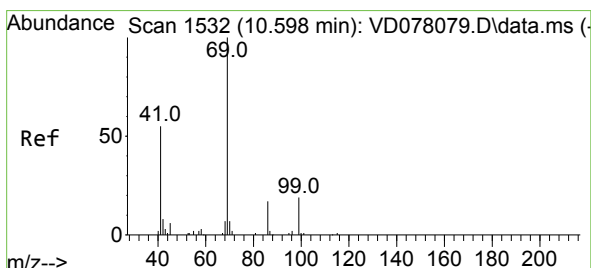
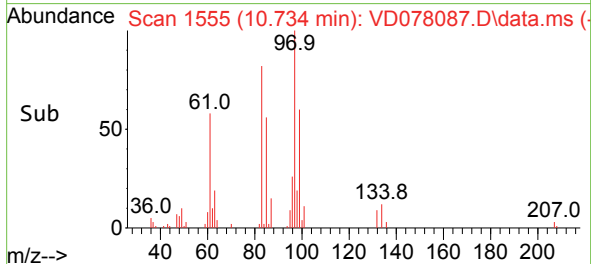
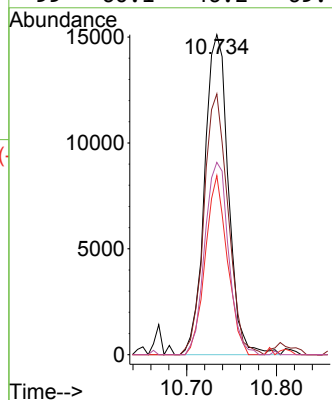
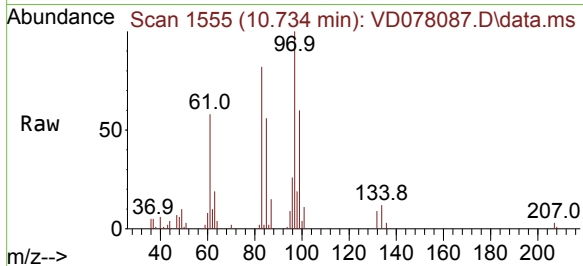




#55
 1,1,2-Trichloroethane
 Concen: 21.248 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

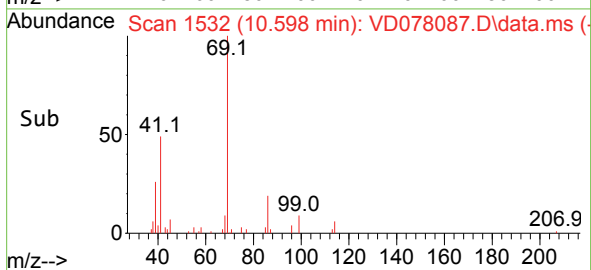
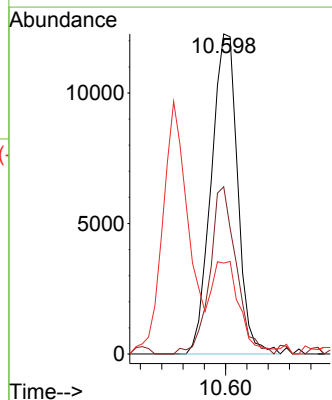
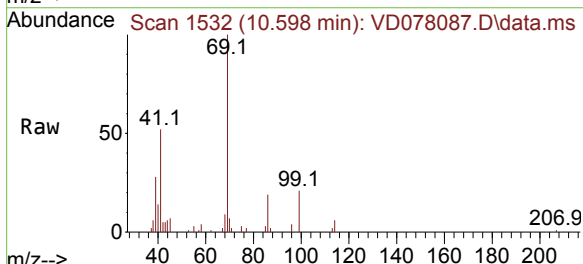
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

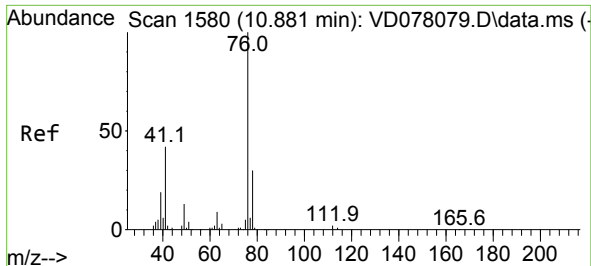
Tgt Ion:	97	Resp:	27828
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.8	98.6
85	55.9	45.7	68.5
99	60.1	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 20.295 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

Tgt Ion:	69	Resp:	21094
Ion	Ratio	Lower	Upper
69	100		
41	52.1	39.1	58.7
39	27.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.332 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

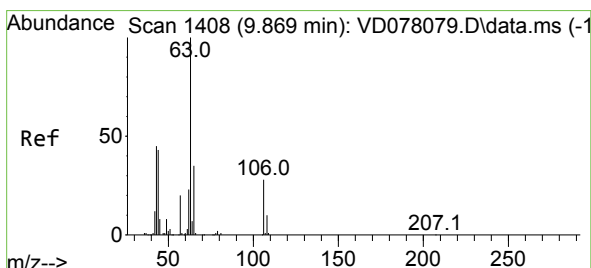
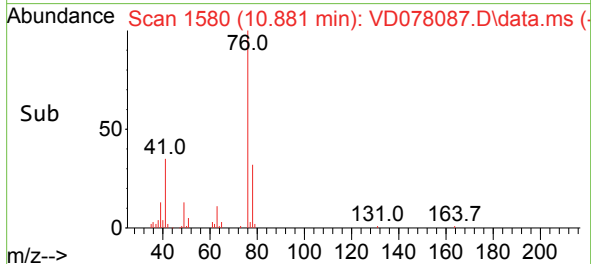
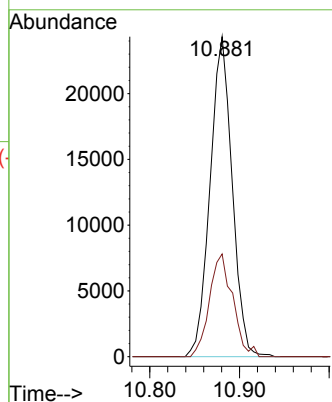
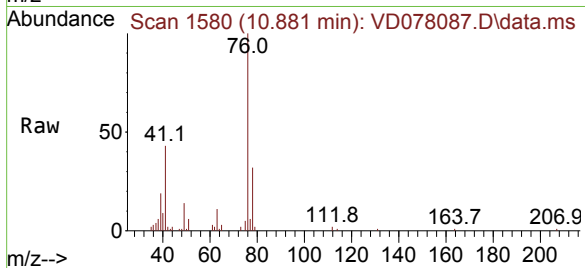
VD1228SBS01

Tgt Ion: 76 Resp: 41600

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.759 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078087.D

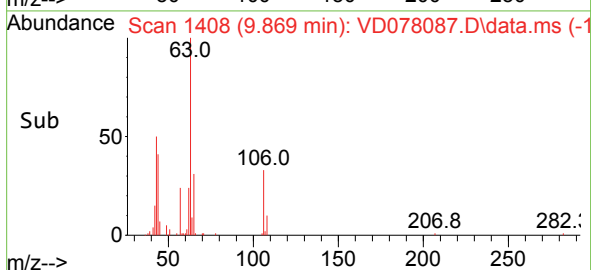
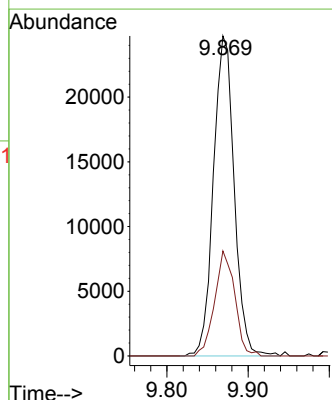
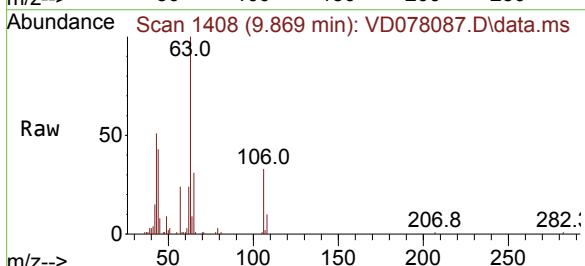
Acq: 28 Dec 2023 12:43

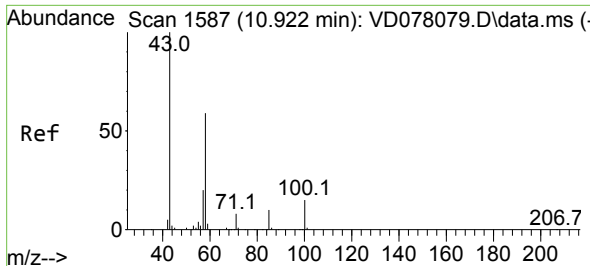
Tgt Ion: 63 Resp: 43991

Ion Ratio Lower Upper

63 100

106 31.8 25.3 37.9

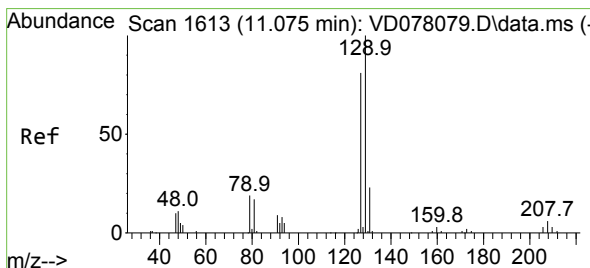
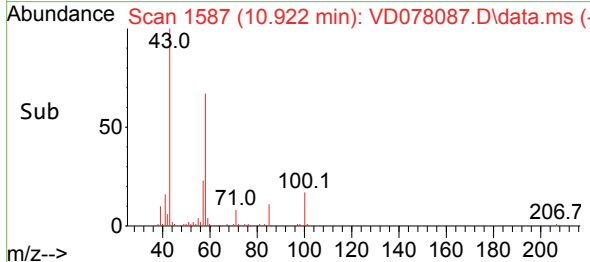
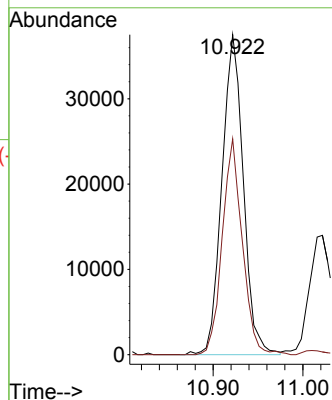
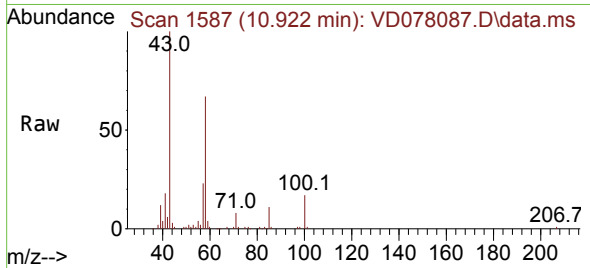




#59
2-Hexanone
Concen: 102.836 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

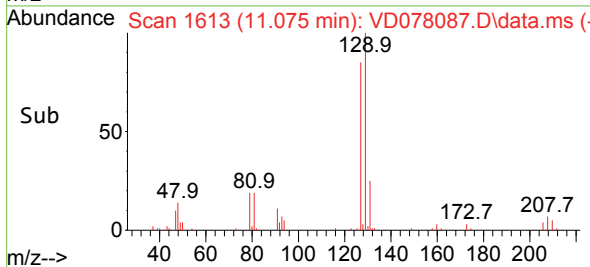
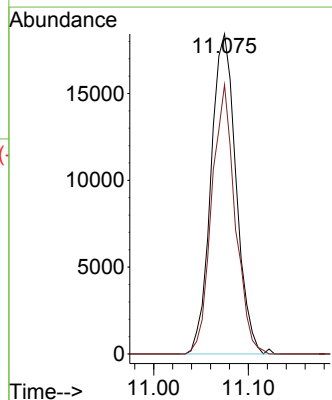
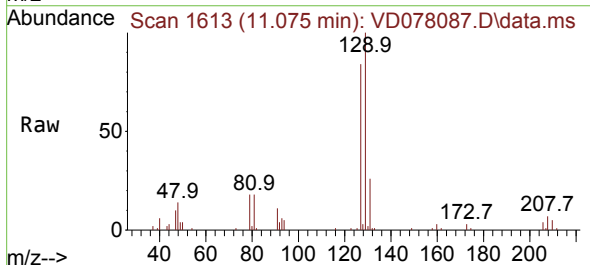
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

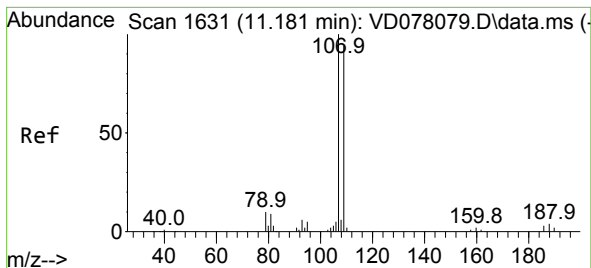
Tgt Ion: 43 Resp: 62097
Ion Ratio Lower Upper
43 100
58 63.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.350 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 129 Resp: 33953
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5

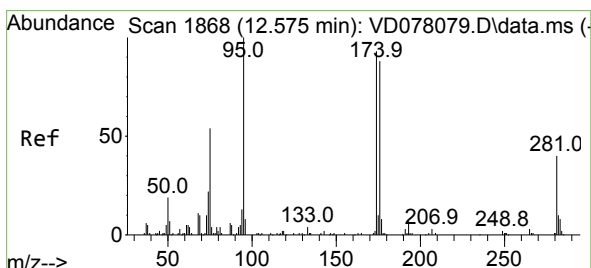
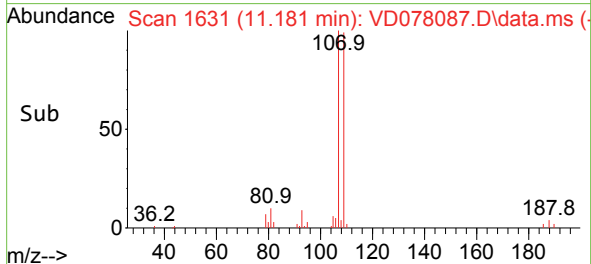
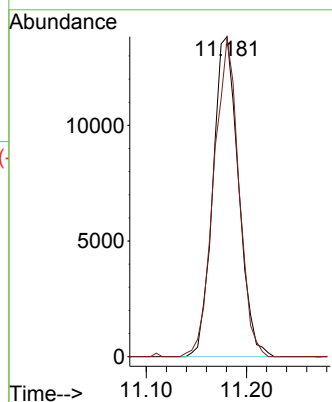
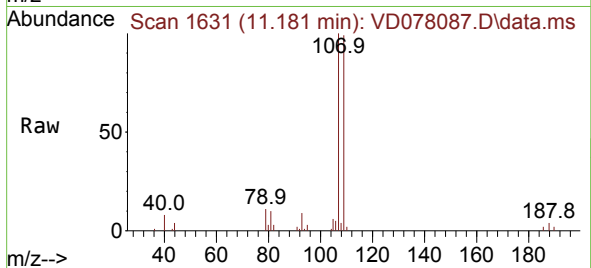




#61
1,2-Dibromoethane
Concen: 19.506 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

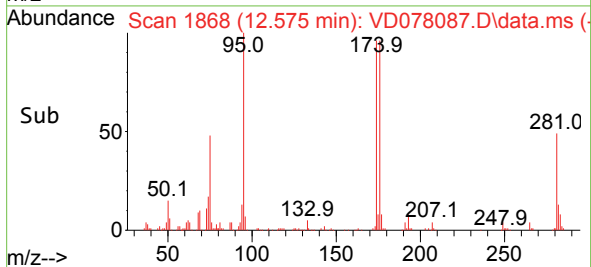
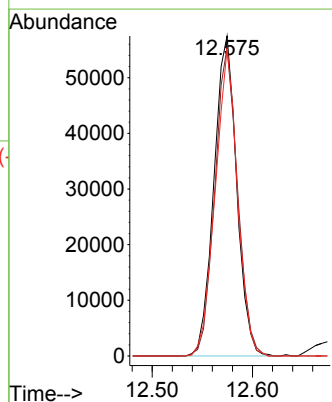
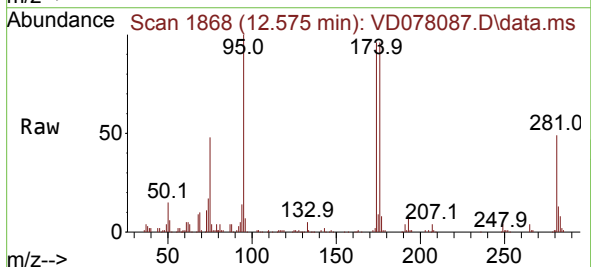
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

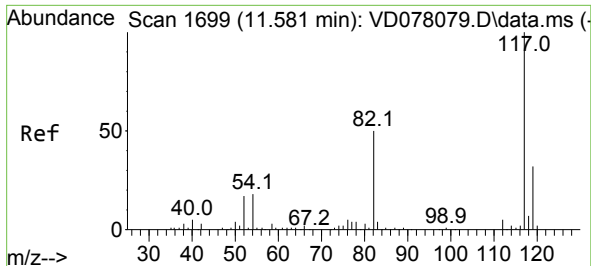
Tgt Ion:107 Resp: 24493
Ion Ratio Lower Upper
107 100
109 97.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.264 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 95 Resp: 90192
Ion Ratio Lower Upper
95 100
174 96.1 0.0 201.8
176 93.9 0.0 191.8

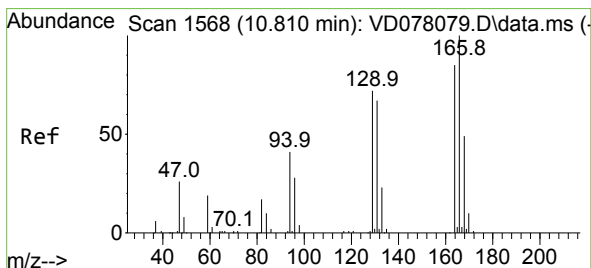
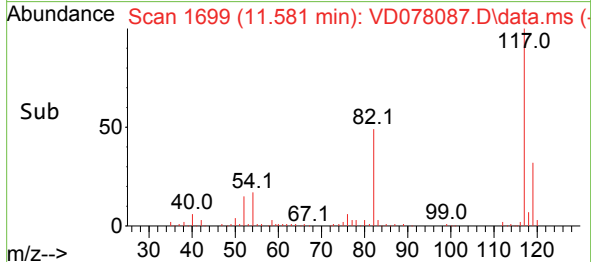
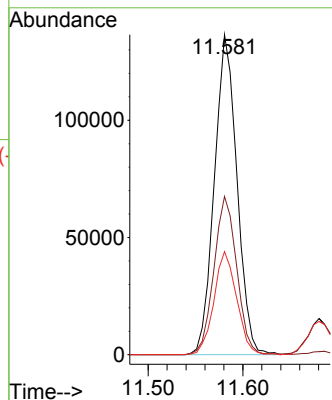
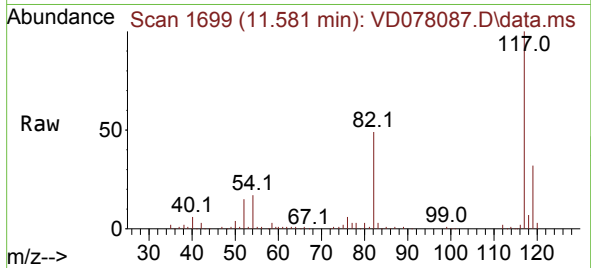




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

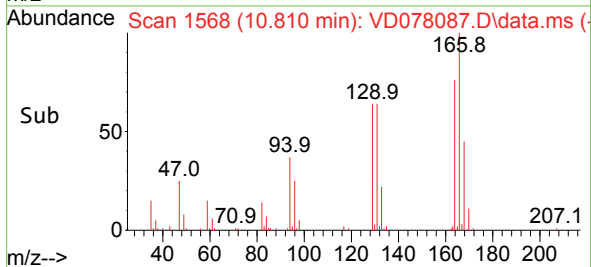
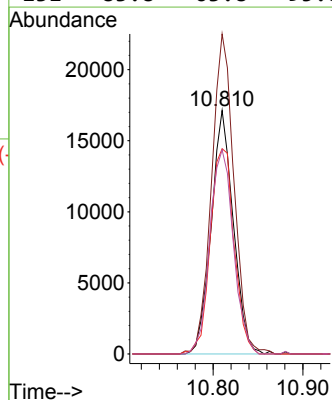
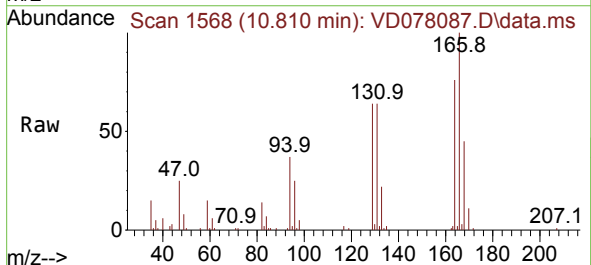
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

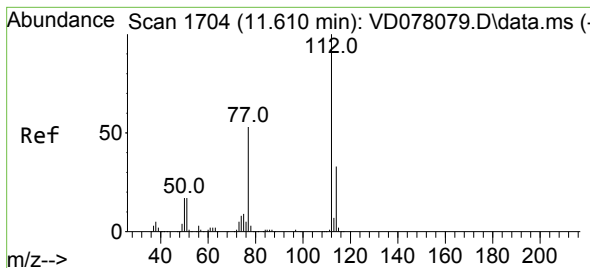
Tgt Ion:117 Resp: 226614
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 19.147 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:164 Resp: 29319
Ion Ratio Lower Upper
164 100
166 131.4 99.2 148.8
129 84.3 68.4 102.6
131 83.8 63.8 95.8





#65

Chlorobenzene

Concen: 20.200 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

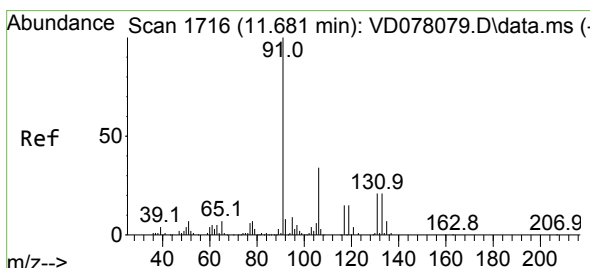
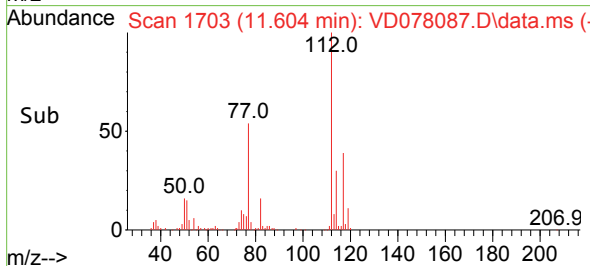
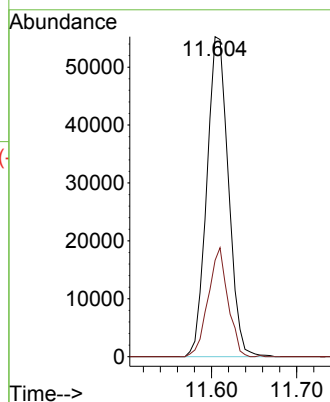
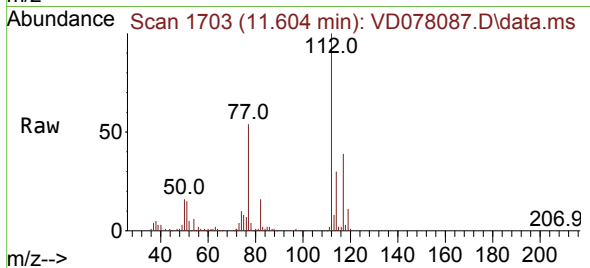
VD1228SBS01

Tgt Ion:112 Resp: 97252

Ion Ratio Lower Upper

112 100

114 30.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.376 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

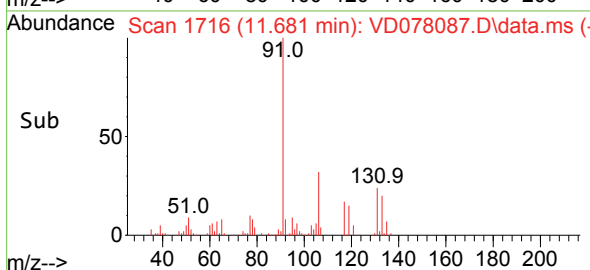
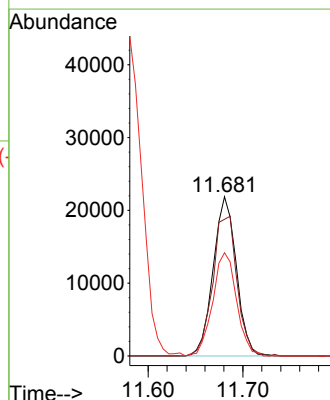
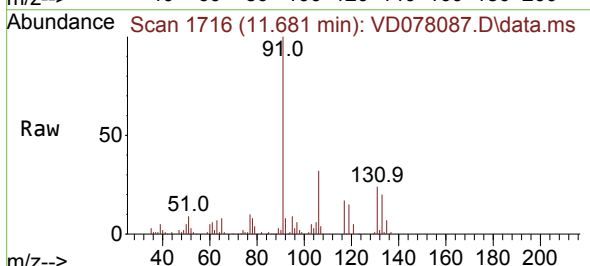
Tgt Ion:131 Resp: 37129

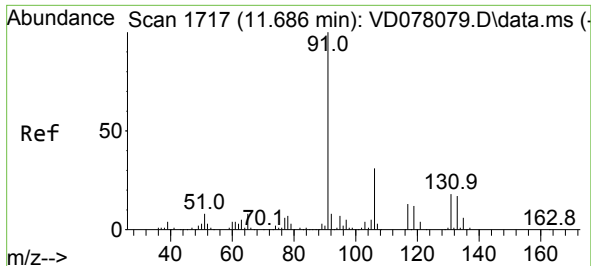
Ion Ratio Lower Upper

131 100

133 93.2 48.5 145.5

119 66.8 35.6 106.9





#67

Ethyl Benzene

Concen: 18.907 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

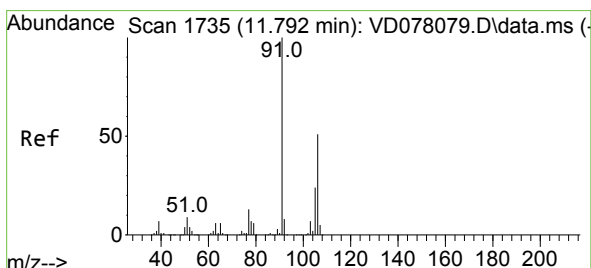
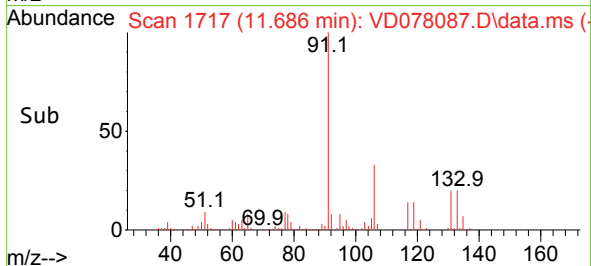
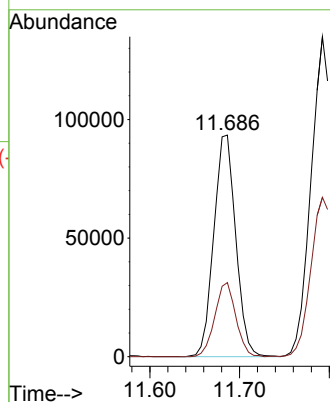
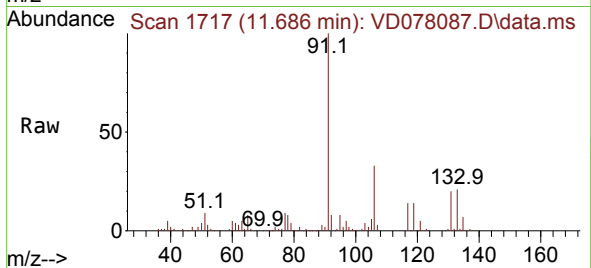
VD1228SBS01

Tgt Ion: 91 Resp: 158690

Ion Ratio Lower Upper

91 100

106 33.4 26.5 39.7



#68

m/p-Xylenes

Concen: 38.691 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078087.D

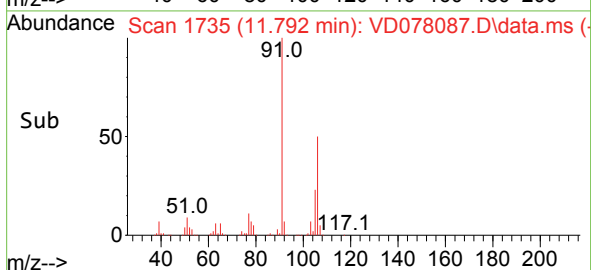
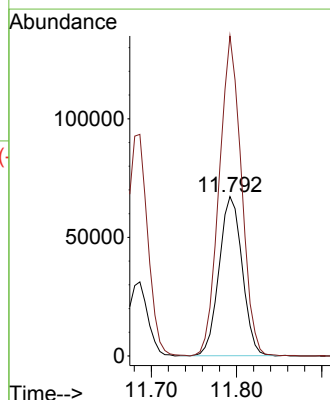
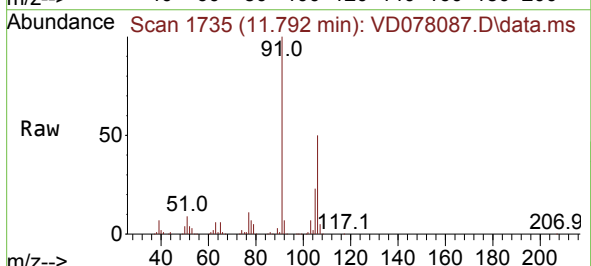
Acq: 28 Dec 2023 12:43

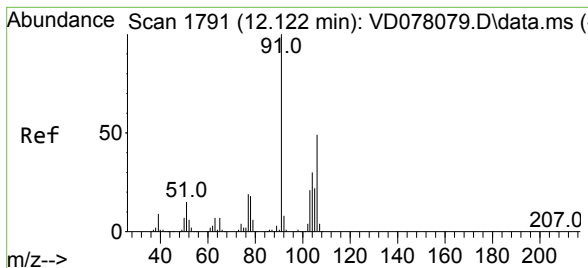
Tgt Ion:106 Resp: 126382

Ion Ratio Lower Upper

106 100

91 194.1 147.0 220.6





#69

o-Xylene

Concen: 19.424 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

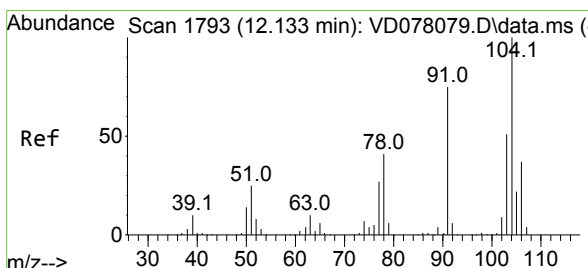
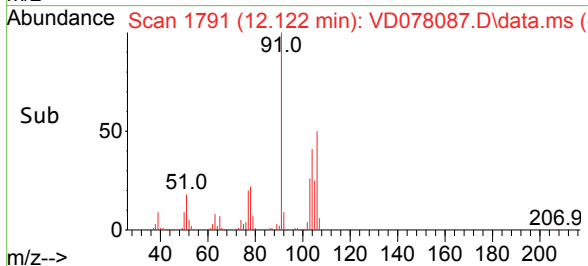
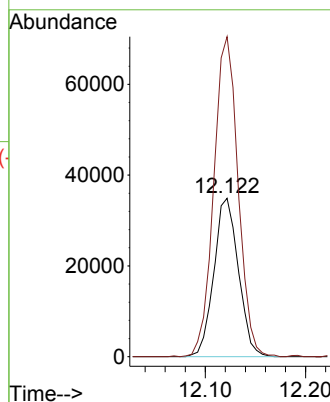
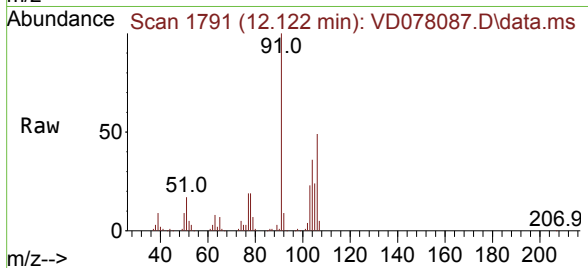
VD1228SBS01

Tgt Ion:106 Resp: 59134

Ion Ratio Lower Upper

106 100

91 200.8 97.9 293.6



#70

Styrene

Concen: 20.164 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

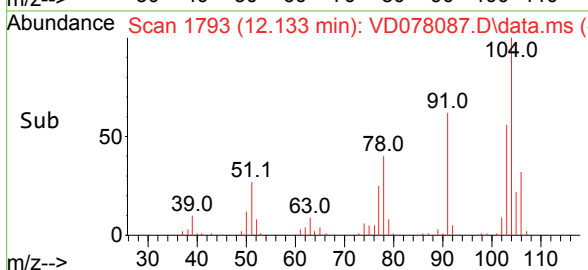
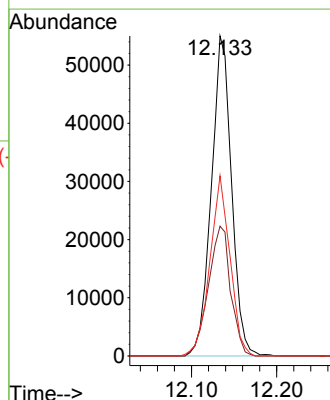
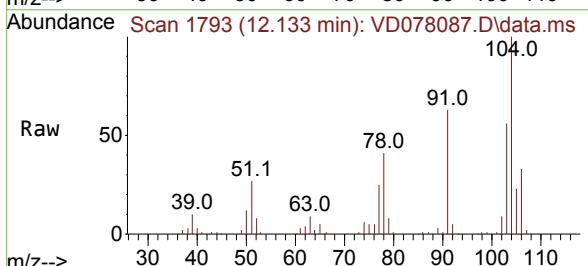
Tgt Ion:104 Resp: 90637

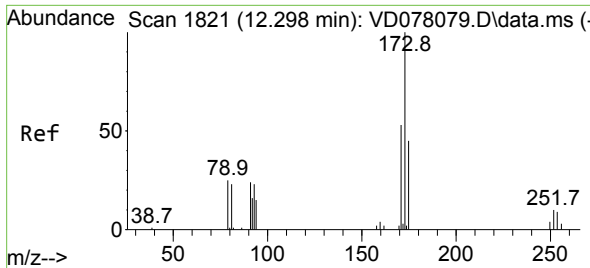
Ion Ratio Lower Upper

104 100

78 44.5 33.2 49.8

103 56.0 43.6 65.4

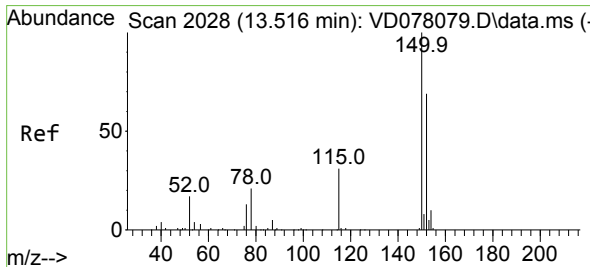
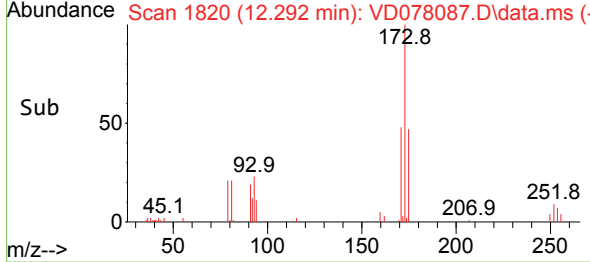
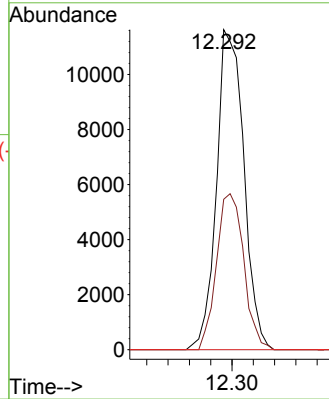
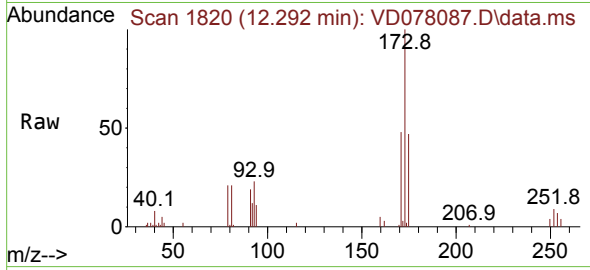




#71
Bromoform
Concen: 20.557 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

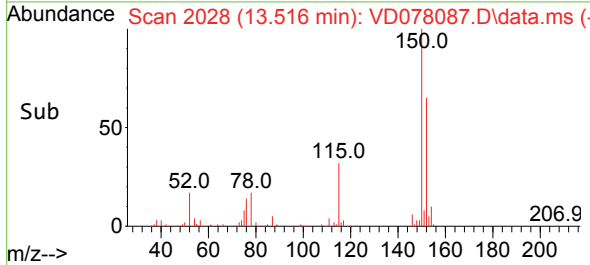
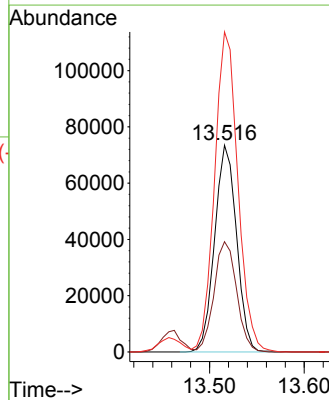
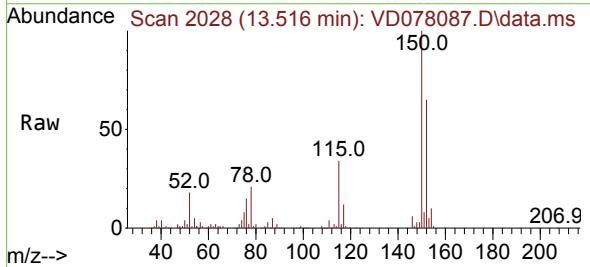
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

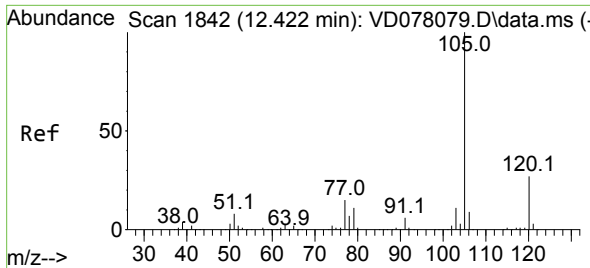
Tgt Ion:173 Resp: 20666
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:152 Resp: 118256
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 164.3 0.0 353.6

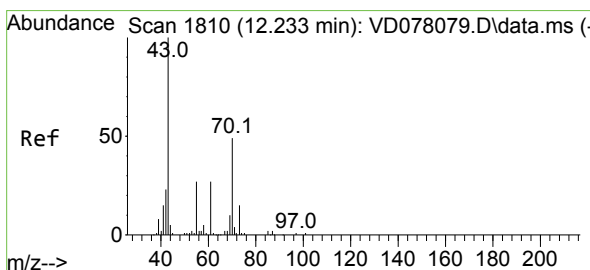
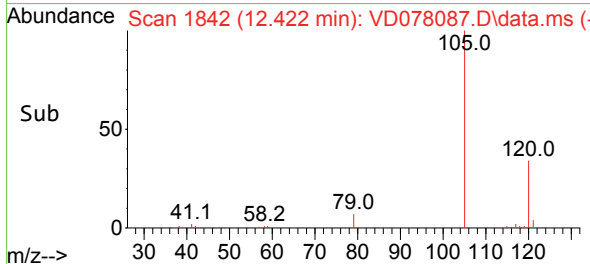
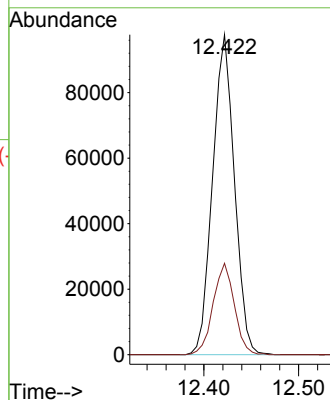
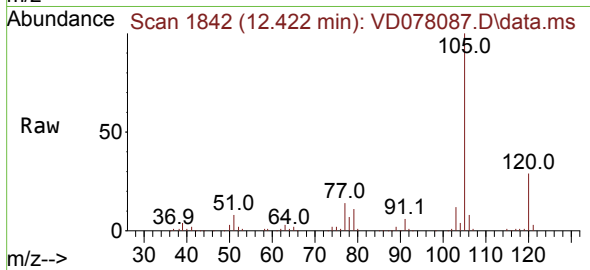




#73
Isopropylbenzene
Concen: 19.159 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

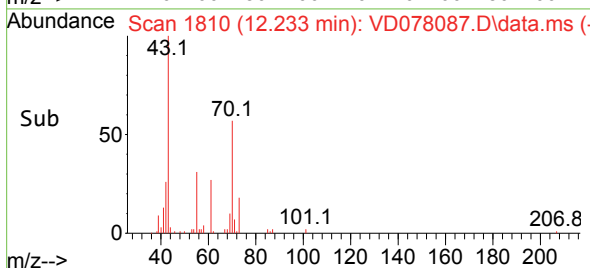
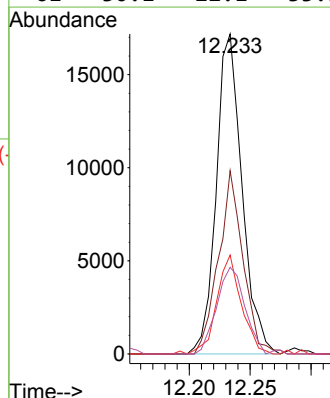
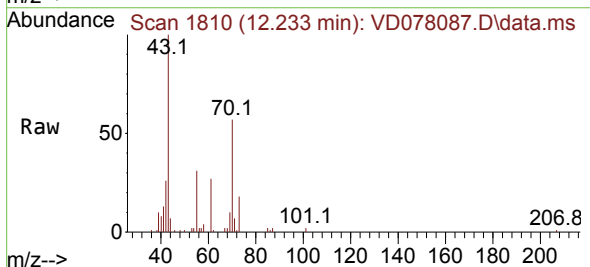
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

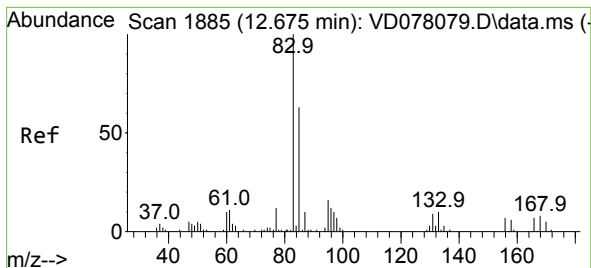
Tgt Ion:105 Resp: 156048
Ion Ratio Lower Upper
105 100
120 27.8 14.3 42.9



#74
N-ethyl acetate
Concen: 18.710 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 43 Resp: 25298
Ion Ratio Lower Upper
43 100
70 54.6 45.0 67.4
55 29.6 23.8 35.6
61 30.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.028 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

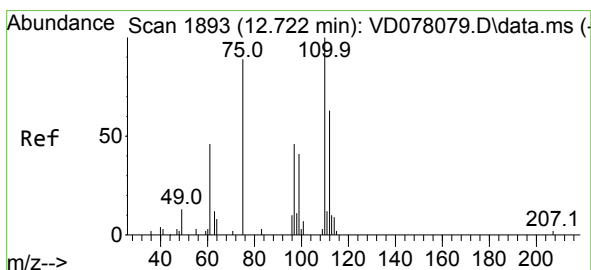
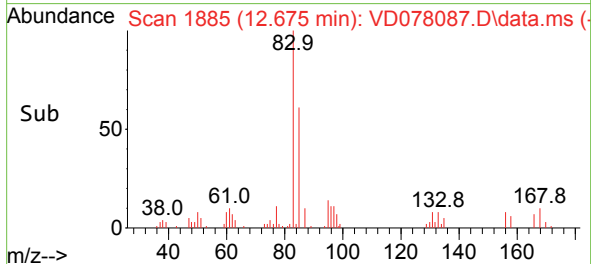
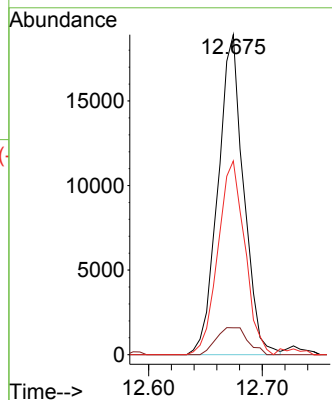
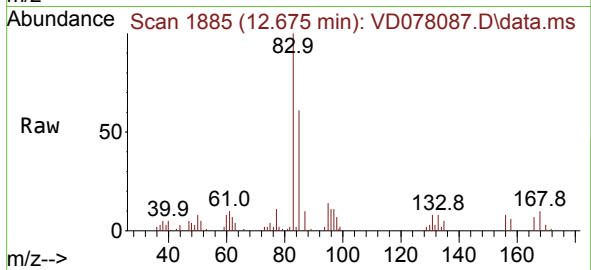
Tgt Ion: 83 Resp: 29647

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 63.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.541 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078087.D

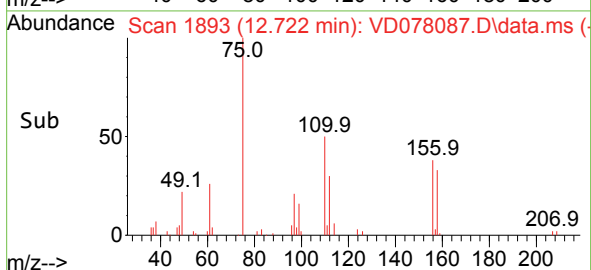
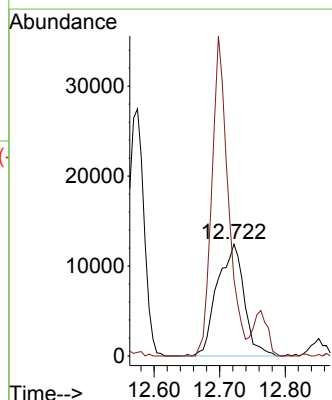
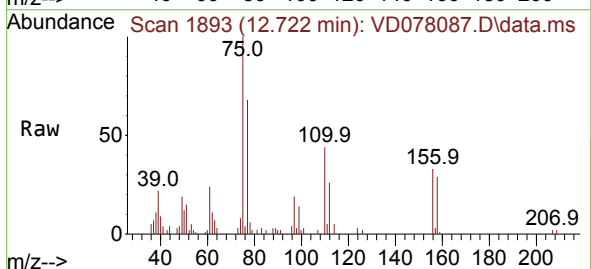
Acq: 28 Dec 2023 12:43

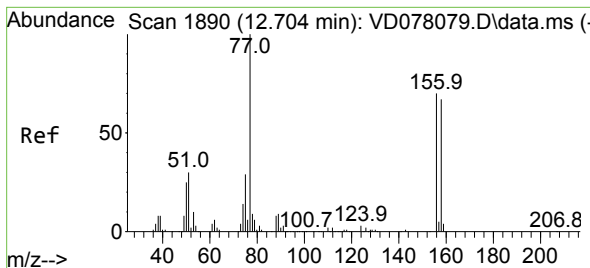
Tgt Ion: 75 Resp: 35459

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.426 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

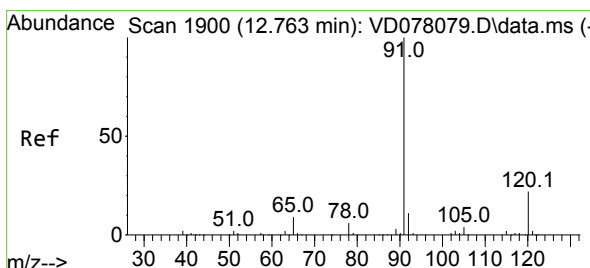
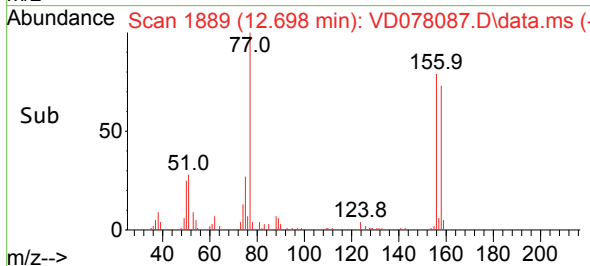
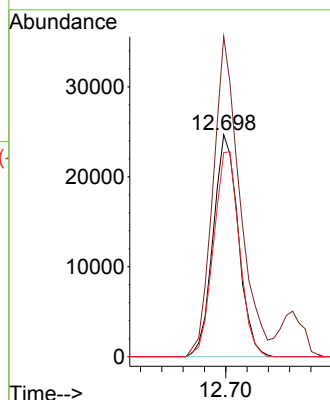
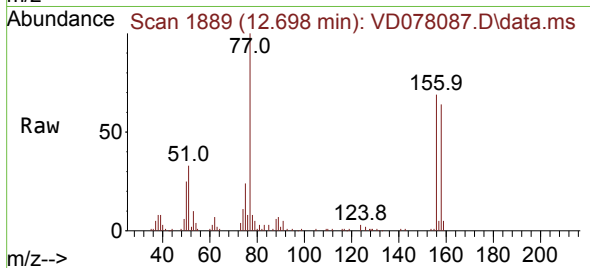
Tgt Ion:156 Resp: 40472

Ion Ratio Lower Upper

156 100

77 152.9 76.8 230.4

158 94.6 48.6 145.9



#78

n-propylbenzene

Concen: 19.476 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078087.D

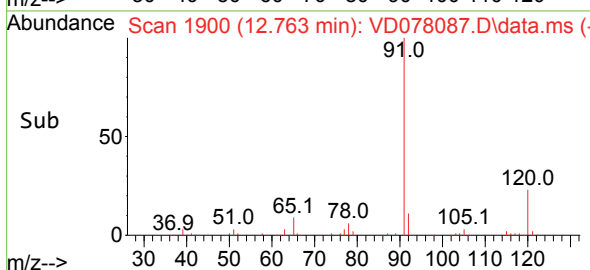
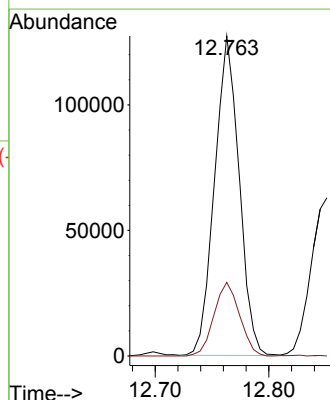
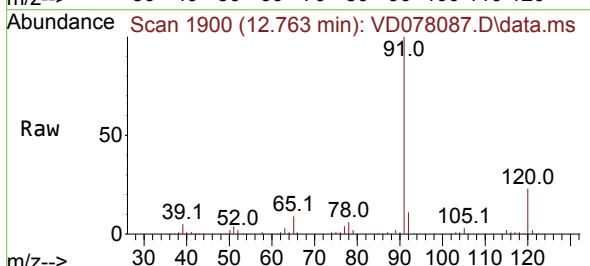
Acq: 28 Dec 2023 12:43

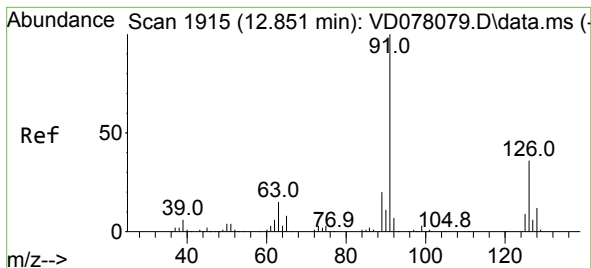
Tgt Ion: 91 Resp: 190941

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.313 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

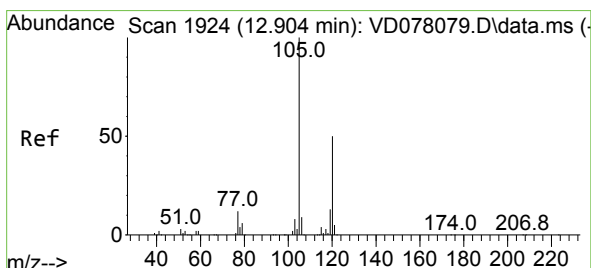
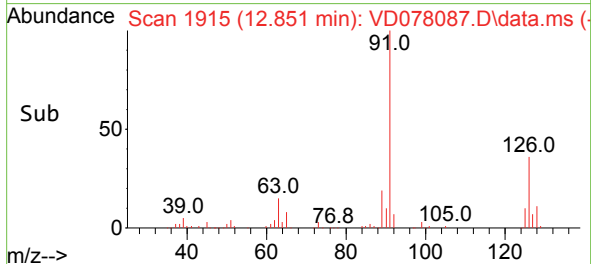
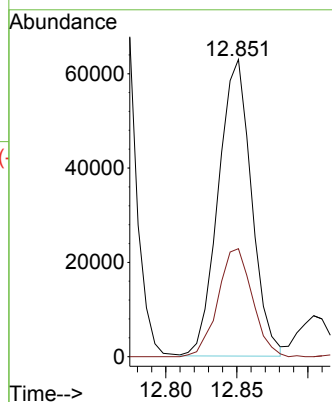
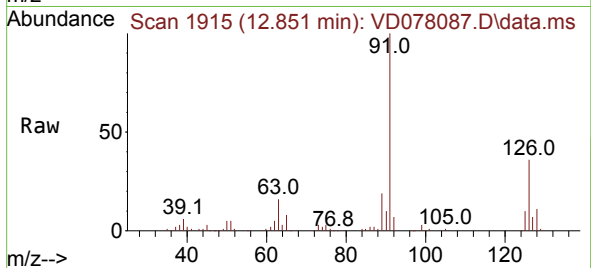
VD1228SBS01

Tgt Ion: 91 Resp: 102413

Ion Ratio Lower Upper

91 100

126 37.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.243 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078087.D

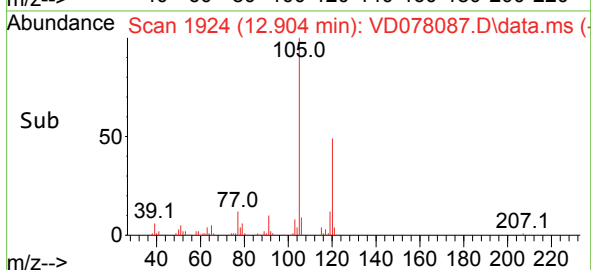
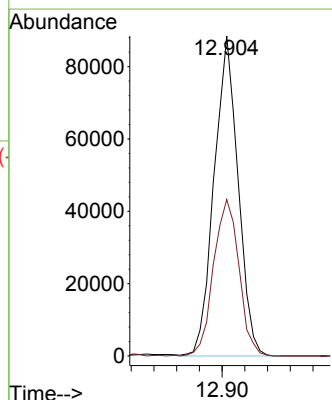
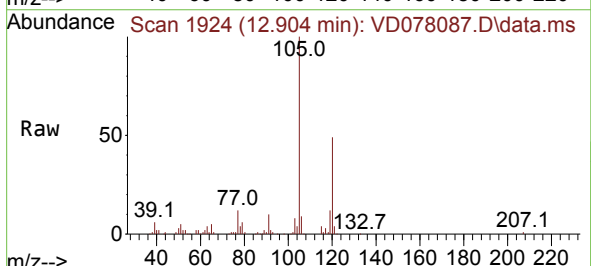
Acq: 28 Dec 2023 12:43

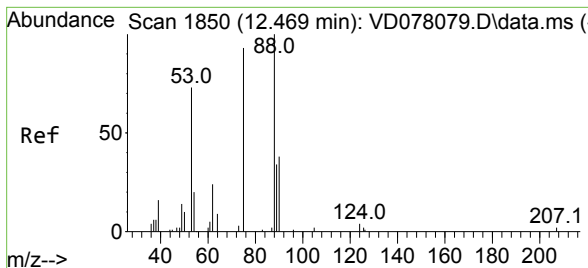
Tgt Ion: 105 Resp: 129636

Ion Ratio Lower Upper

105 100

120 51.8 26.4 79.2

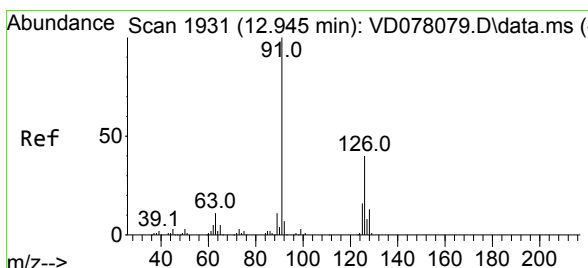
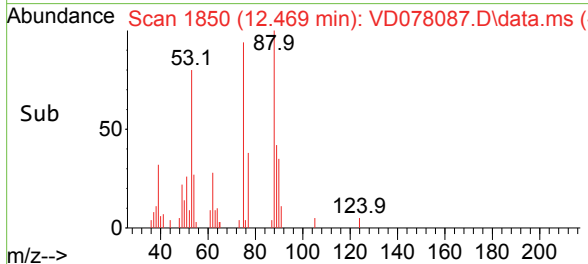
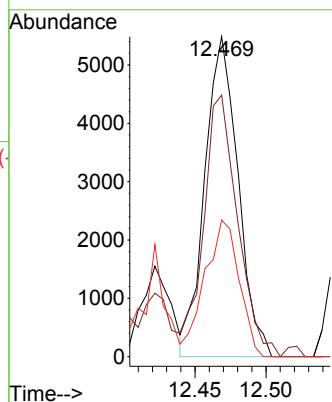
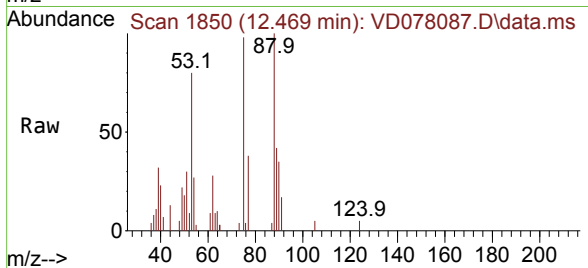




#81
trans-1,4-Dichloro-2-butene
Concen: 19.278 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

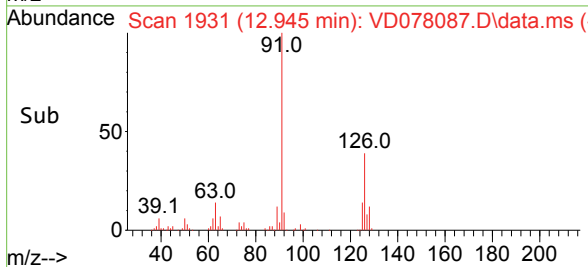
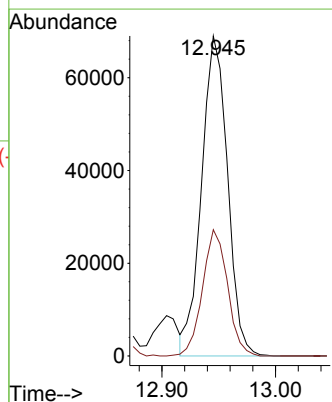
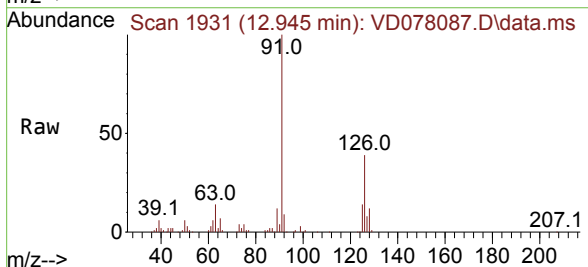
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

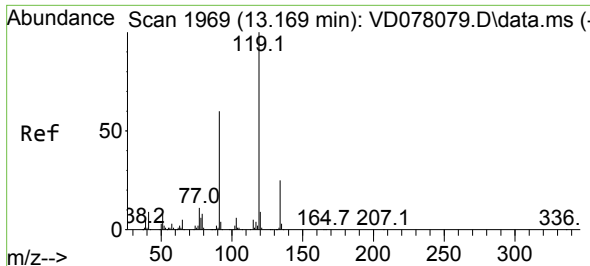
Tgt Ion: 75 Resp: 8926
Ion Ratio Lower Upper
75 100
53 83.4 63.0 94.4
89 44.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.214 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 91 Resp: 109242
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.4

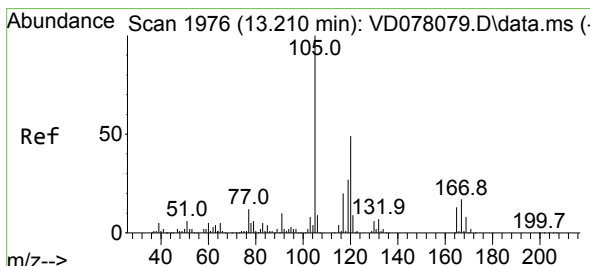
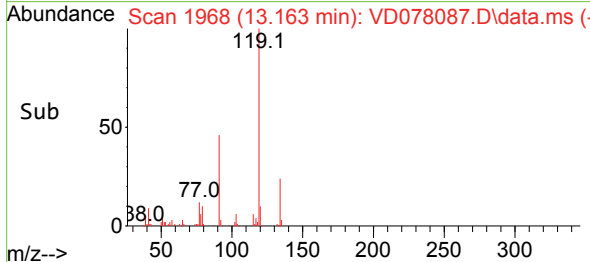
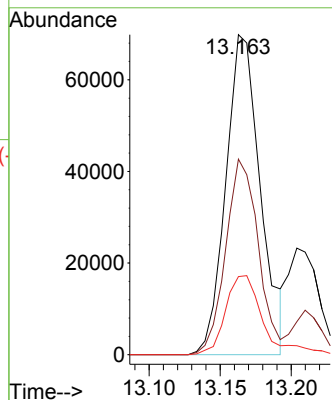
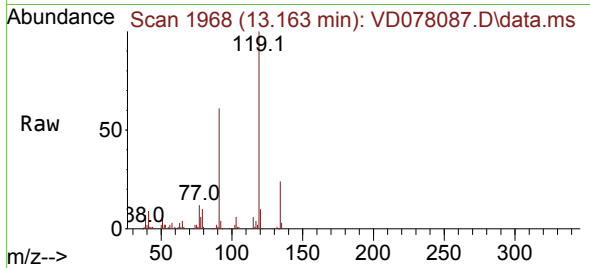




#83
tert-Butylbenzene
Concen: 19.611 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

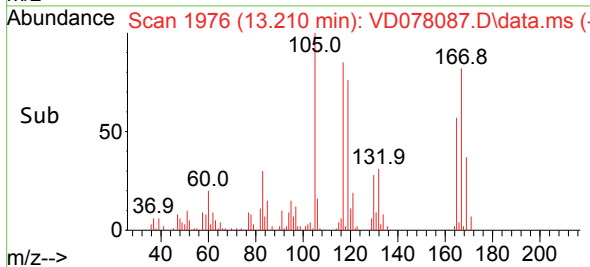
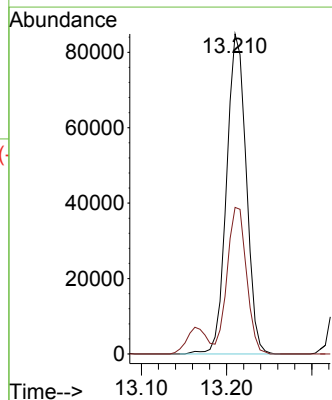
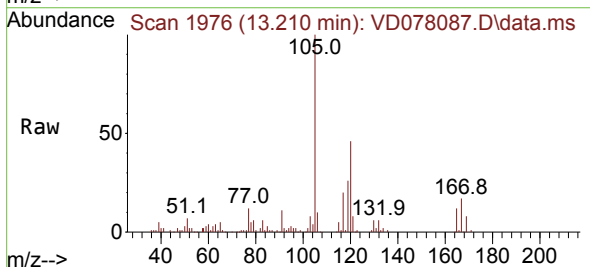
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

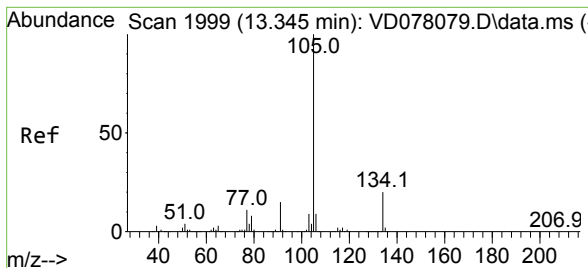
Tgt Ion:119 Resp: 118345
Ion Ratio Lower Upper
119 100
91 57.7 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.756 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:105 Resp: 135567
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9

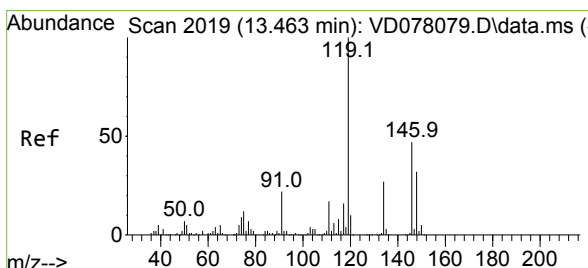
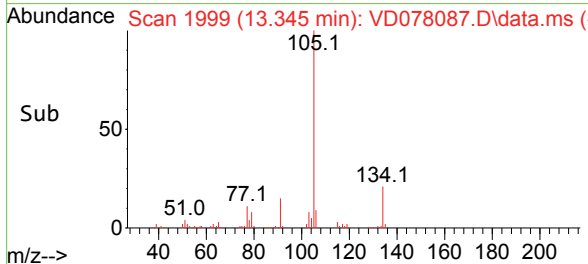
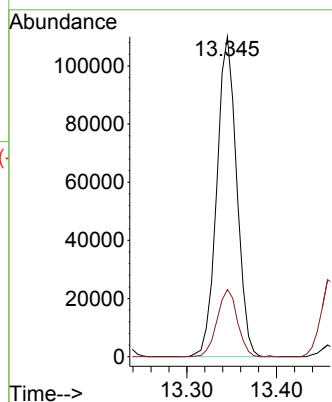
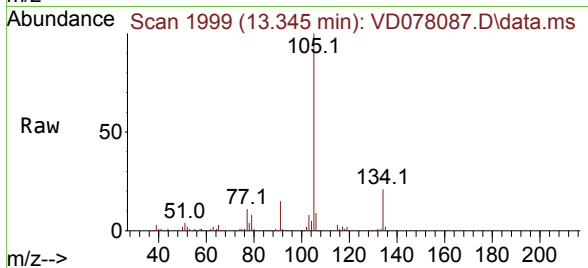




#85
 sec-Butylbenzene
 Concen: 19.647 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

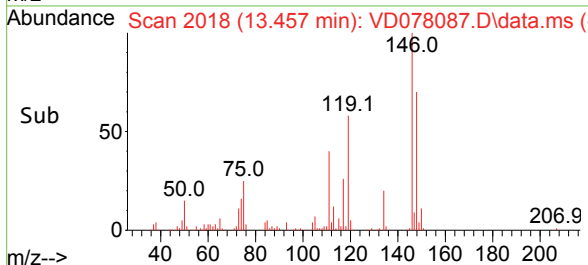
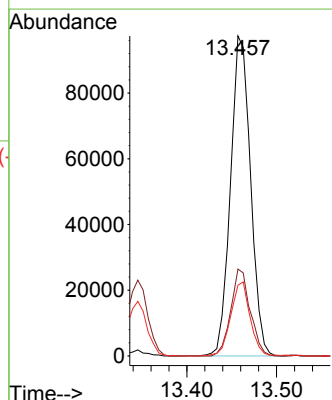
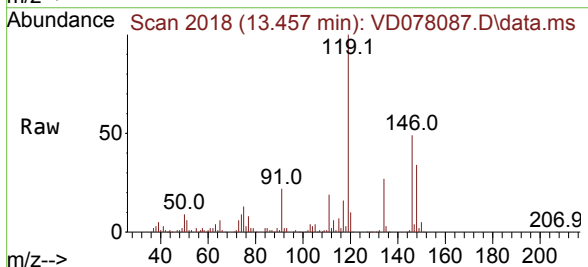
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

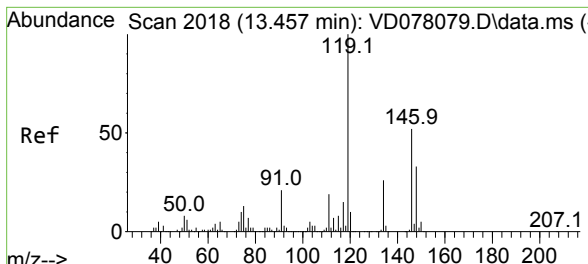
Tgt Ion:105 Resp: 169274
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.605 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078087.D
 Acq: 28 Dec 2023 12:43

Tgt Ion:119 Resp: 151165
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 22.3 10.5 31.5

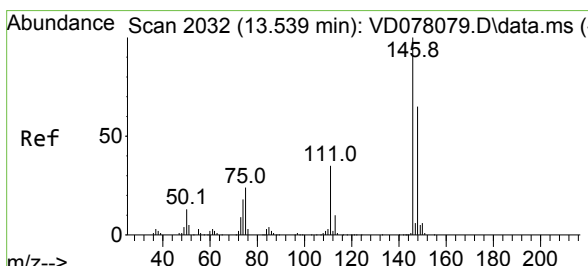
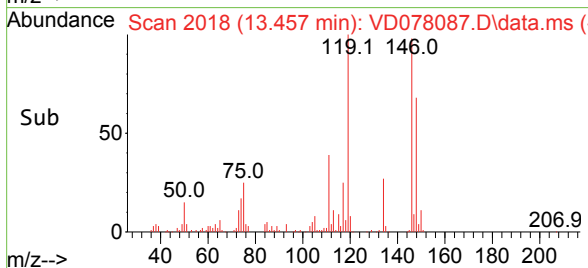
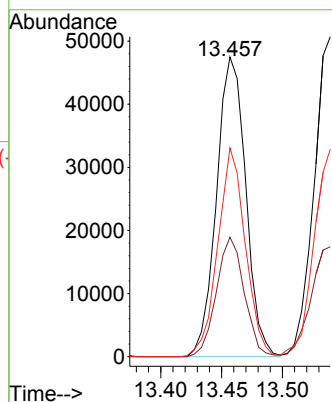
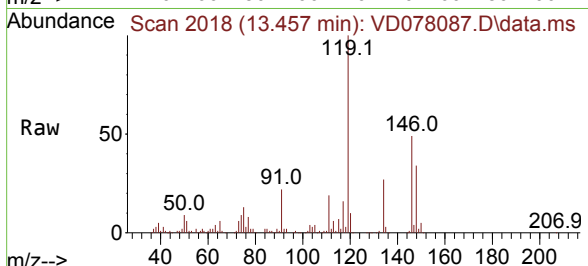




#87
1,3-Dichlorobenzene
Concen: 19.335 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

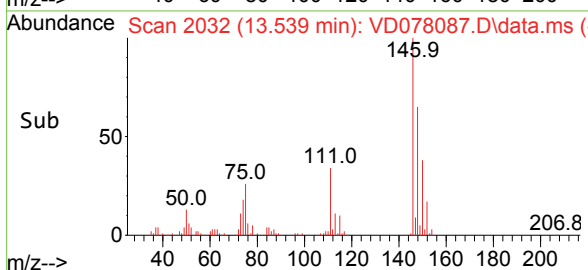
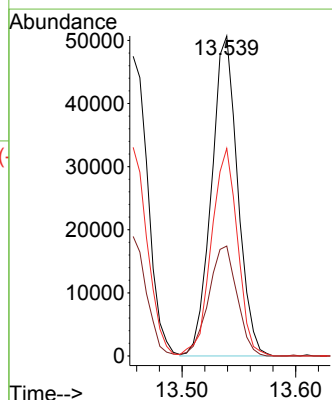
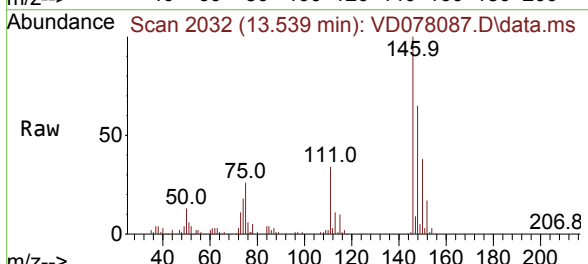
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

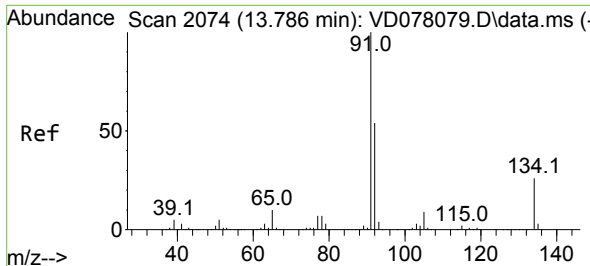
Tgt Ion:146 Resp: 79267
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 65.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.214 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:146 Resp: 81277
Ion Ratio Lower Upper
146 100
111 37.2 17.4 52.3
148 64.7 31.7 95.1

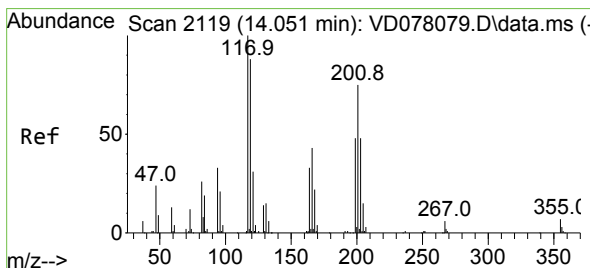
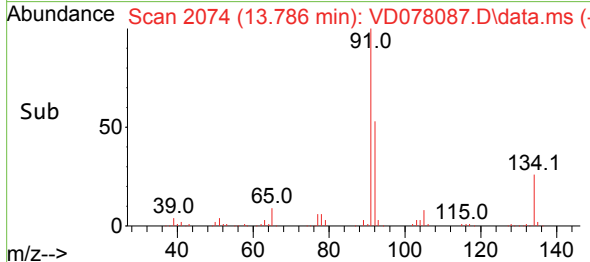
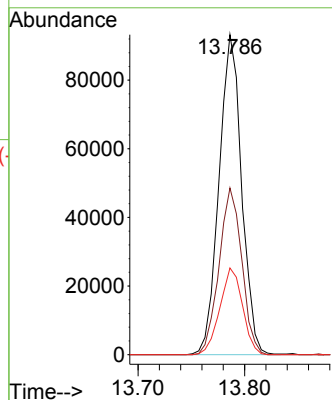
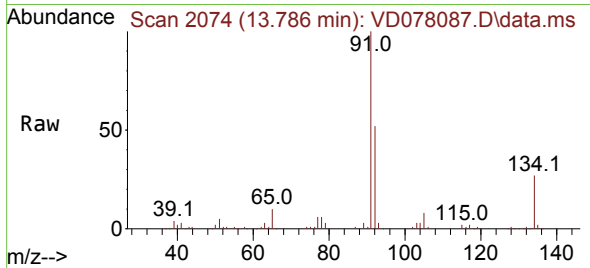




#89
n-Butylbenzene
Concen: 19.386 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

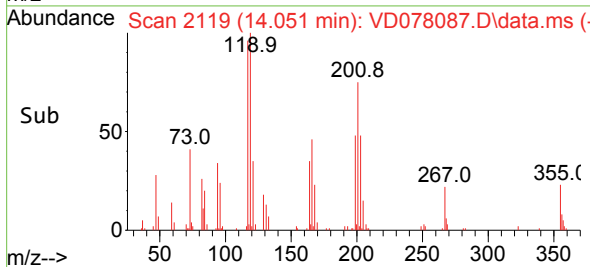
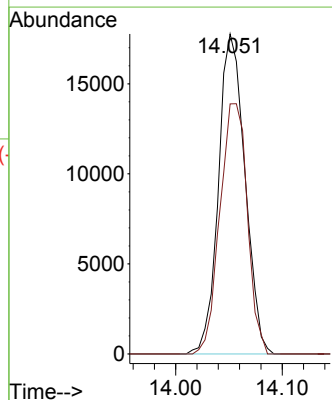
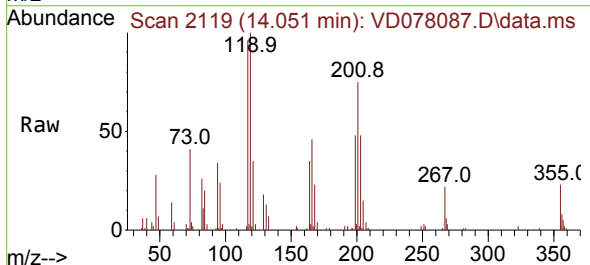
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

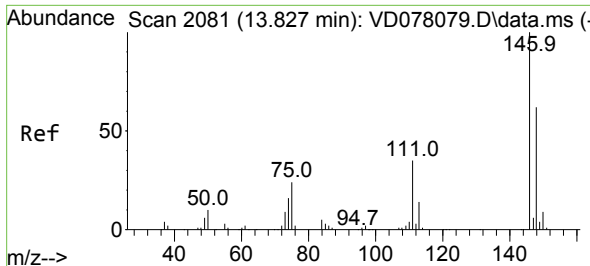
Tgt Ion: 91 Resp: 137199
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 27.2 13.8 41.3



#90
Hexachloroethane
Concen: 19.880 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion: 117 Resp: 30644
Ion Ratio Lower Upper
117 100
201 81.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.523 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

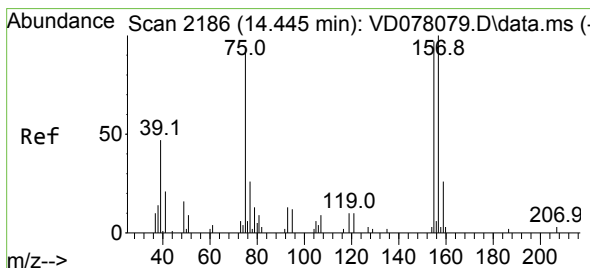
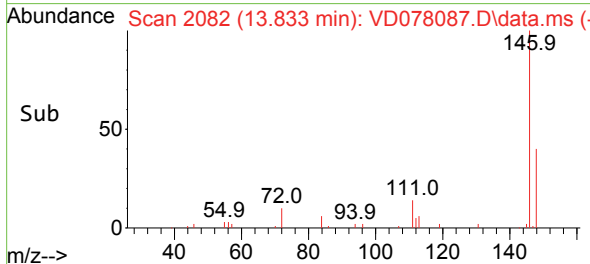
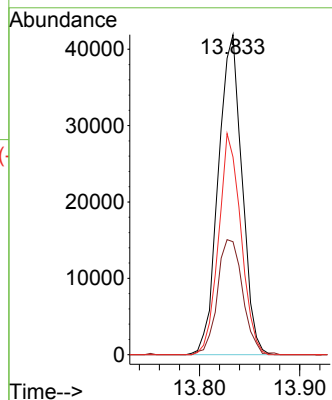
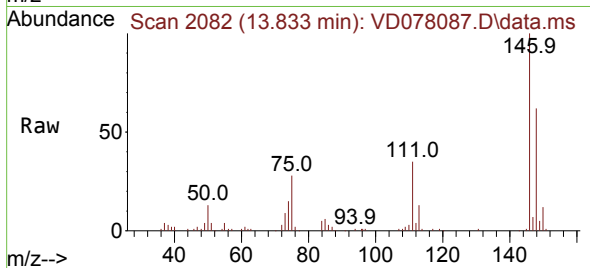
Tgt Ion:146 Resp: 68735

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.8

148 65.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.115 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

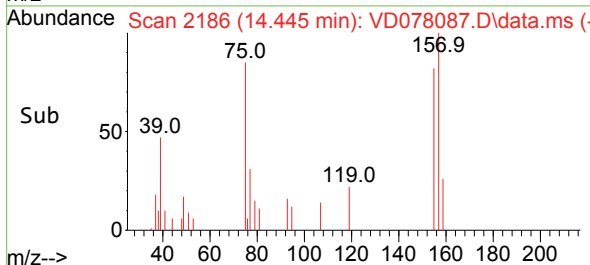
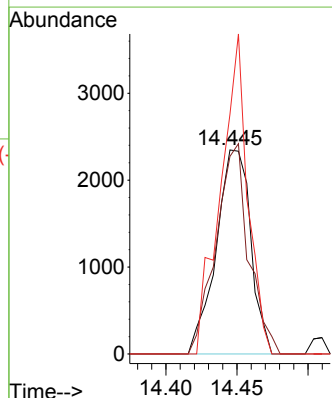
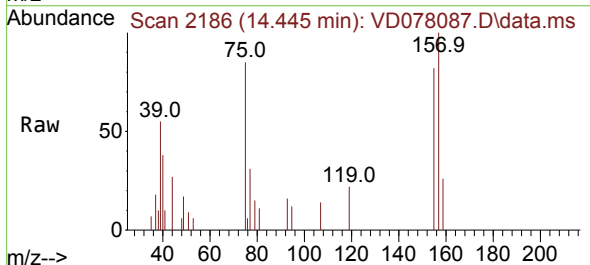
Tgt Ion: 75 Resp: 3963

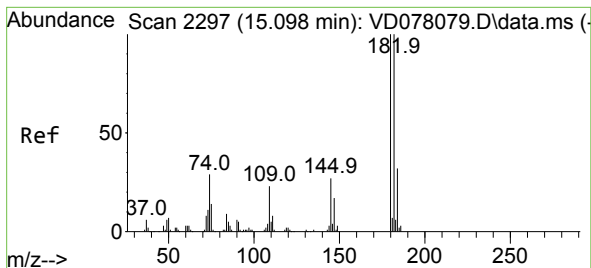
Ion Ratio Lower Upper

75 100

155 97.9 47.9 143.8

157 123.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.936 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

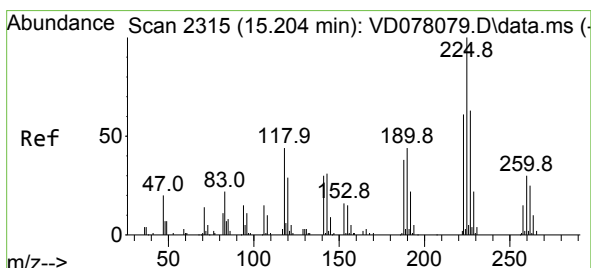
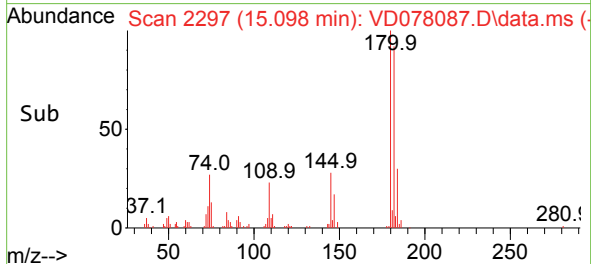
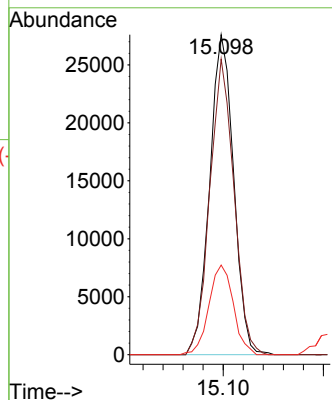
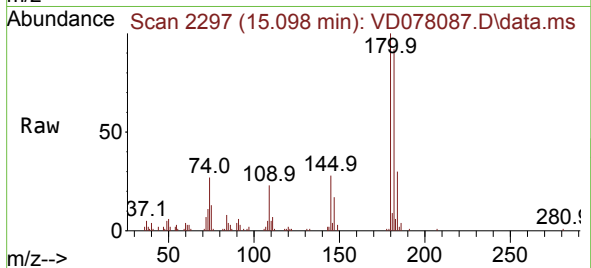
Tgt Ion:180 Resp: 45826

Ion Ratio Lower Upper

180 100

182 93.0 48.5 145.6

145 28.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.639 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078087.D

Acq: 28 Dec 2023 12:43

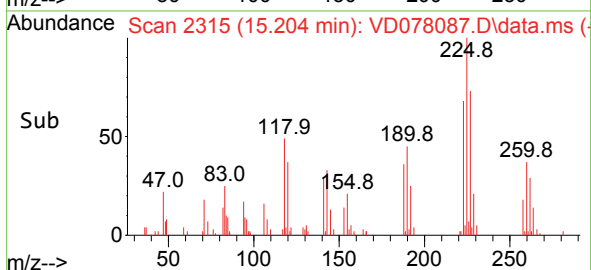
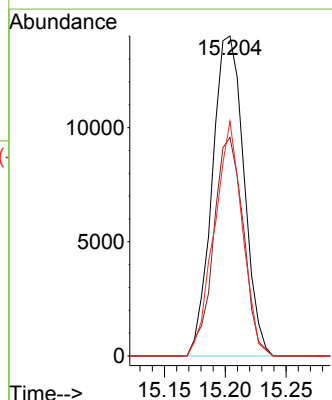
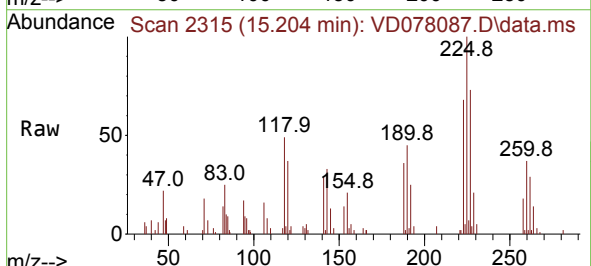
Tgt Ion:225 Resp: 25363

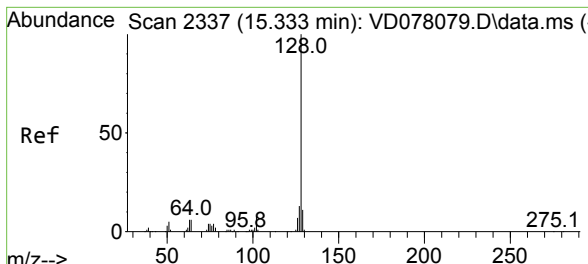
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.8

227 65.0 31.7 95.1

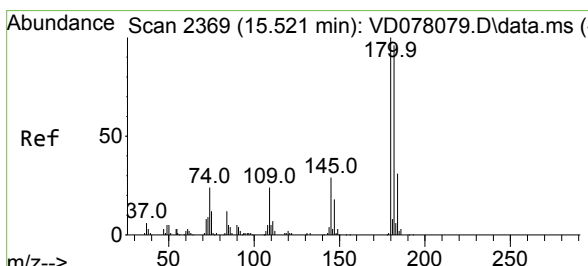
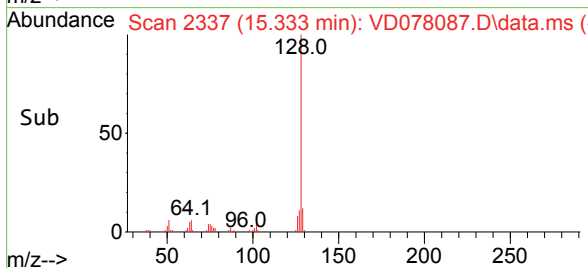
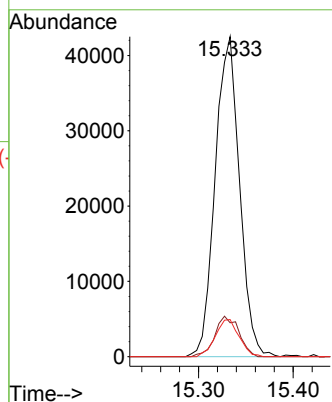
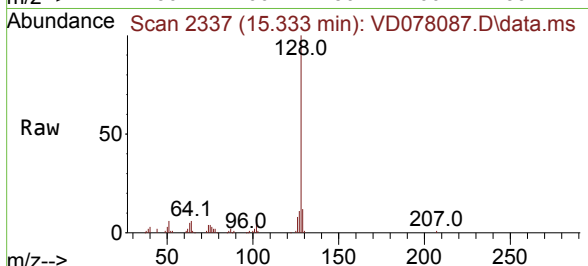




#95
Naphthalene
Concen: 19.418 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

Tgt Ion:	128	Resp:	75988
Ion Ratio	Lower	Upper	
128	100		
127	10.6	10.5	15.7
129	11.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.065 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078087.D
Acq: 28 Dec 2023 12:43

Tgt Ion:	180	Resp:	39135
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	141.9
145	29.2	15.1	45.3

