

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078769.D
 Acq On : 28 Mar 2024 12:48
 Operator : RP/MD
 Sample : VD0328SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Quant Time: Mar 29 01:32:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	108058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	182591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	171909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91272	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	46604	46.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.810	113	55475	47.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.269	98	196849	45.530	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.574	95	59170	46.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18628	18.522	ug/l	98
3) Chloromethane	2.151	50	25723	16.199	ug/l	89
4) Vinyl Chloride	2.287	62	40155	17.142	ug/l #	86
5) Bromomethane	2.693	94	37962	16.926	ug/l	91
6) Chloroethane	2.840	64	34821	19.061	ug/l #	88
7) Trichlorofluoromethane	3.181	101	37756	20.373	ug/l	97
8) Diethyl Ether	3.593	74	10673	19.725	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	25599	22.010	ug/l	97
10) Methyl Iodide	4.163	142	23782	17.287	ug/l	96
11) Tert butyl alcohol	5.051	59	3692	81.465	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	20045	18.130	ug/l #	88
13) Acrolein	3.804	56	6401	90.163	ug/l	100
14) Allyl chloride	4.563	41	23993	19.449	ug/l	97
15) Acrylonitrile	5.257	53	24247	111.164	ug/l	97
16) Acetone	4.028	43	23662	120.832	ug/l	91
17) Carbon Disulfide	4.275	76	49720	13.718	ug/l	97
18) Methyl Acetate	4.575	43	8385	19.952	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	46970	21.066	ug/l	97
20) Methylene Chloride	4.810	84	36233	24.672	ug/l #	86
21) trans-1,2-Dichloroethene	5.322	96	25811	19.785	ug/l	87
22) Diisopropyl ether	6.216	45	60434	21.546	ug/l	99
23) Vinyl Acetate	6.157	43	175150	106.756	ug/l	98
24) 1,1-Dichloroethane	6.116	63	44668	21.241	ug/l	97
25) 2-Butanone	7.087	43	29997	115.217	ug/l	92
26) 2,2-Dichloropropane	7.075	77	38308	21.531	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	29346	19.722	ug/l	97
28) Bromochloromethane	7.434	49	16230	21.648	ug/l	92
29) Tetrahydrofuran	7.451	42	15622	110.320	ug/l	96
30) Chloroform	7.598	83	50258	21.435	ug/l	92
31) Cyclohexane	7.881	56	28926	16.994	ug/l #	94
32) 1,1,1-Trichloroethane	7.792	97	41364	20.793	ug/l	97
36) 1,1-Dichloropropene	8.016	75	32372	18.978	ug/l	99
37) Ethyl Acetate	7.169	43	11081	19.886	ug/l #	91
38) Carbon Tetrachloride	7.998	117	37300	20.743	ug/l	87
39) Methylcyclohexane	9.275	83	35209	17.794	ug/l	97
40) Benzene	8.251	78	101581	19.701	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4742	16.239	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	27544	21.905	ug/l	98
43) Isopropyl Acetate	8.363	43	21426	21.143	ug/l	98
44) Trichloroethene	9.028	130	28159	20.124	ug/l	94
45) 1,2-Dichloropropane	9.304	63	25654	20.974	ug/l #	88
46) Dibromomethane	9.392	93	15648	21.342	ug/l	97
47) Bromodichloromethane	9.586	83	38927	22.301	ug/l	94
48) Methyl methacrylate	9.380	41	9657	19.557	ug/l	97
49) 1,4-Dioxane	9.380	88	2877	423.784	ug/l #	88
51) 4-Methyl-2-Pentanone	10.163	43	60644	114.466	ug/l	97
52) Toluene	10.333	92	64934	19.561	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	34245	21.458	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	40265	20.987	ug/l	94
55) 1,1,2-Trichloroethane	10.733	97	22065	22.472	ug/l #	91
56) Ethyl methacrylate	10.598	69	20910	21.243	ug/l	95
57) 1,3-Dichloropropane	10.875	76	33429	21.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	46110	106.240	ug/l	97
59) 2-Hexanone	10.922	43	45554	115.989	ug/l	98
60) Dibromochloromethane	11.075	129	26208	21.644	ug/l	100
61) 1,2-Dibromoethane	11.180	107	20471	21.544	ug/l	99
64) Tetrachloroethene	10.810	164	23509	20.665	ug/l	94
65) Chlorobenzene	11.610	112	74961	20.867	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.680	131	29733	22.600	ug/l	96
67) Ethyl Benzene	11.686	91	121515	19.850	ug/l	98
68) m/p-Xylenes	11.792	106	99927	40.199	ug/l	98
69) o-Xylene	12.122	106	46781	20.340	ug/l	95
70) Styrene	12.139	104	81018	20.987	ug/l	98
71) Bromoform	12.298	173	16230	22.827	ug/l #	91
73) Isopropylbenzene	12.422	105	119750	19.927	ug/l	98
74) N-amyl acetate	12.233	43	21501	22.037	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.674	83	24863	22.350	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	28977	41.208	ug/l #	100
77) Bromobenzene	12.698	156	30298	20.330	ug/l	97
78) n-propylbenzene	12.763	91	153189	20.942	ug/l	97
79) 2-Chlorotoluene	12.845	91	80276	20.005	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	100670	20.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.474	75	7424	22.130	ug/l	96
82) 4-Chlorotoluene	12.945	91	88900	20.945	ug/l	99
83) tert-Butylbenzene	13.169	119	88057	20.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	102583	20.484	ug/l	99
85) sec-Butylbenzene	13.345	105	137707	21.236	ug/l	99
86) p-Isopropyltoluene	13.463	119	114098	20.554	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	65747	20.906	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	66227	21.368	ug/l	99
89) n-Butylbenzene	13.786	91	105753	21.094	ug/l	98
90) Hexachloroethane	14.051	117	24143	21.019	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	55675	20.555	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3022	20.307	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	31652	20.023	ug/l	100
94) Hexachlorobutadiene	15.204	225	18289	21.371	ug/l	97
95) Naphthalene	15.333	128	57565	20.945	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	28062	20.520	ug/l	94

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

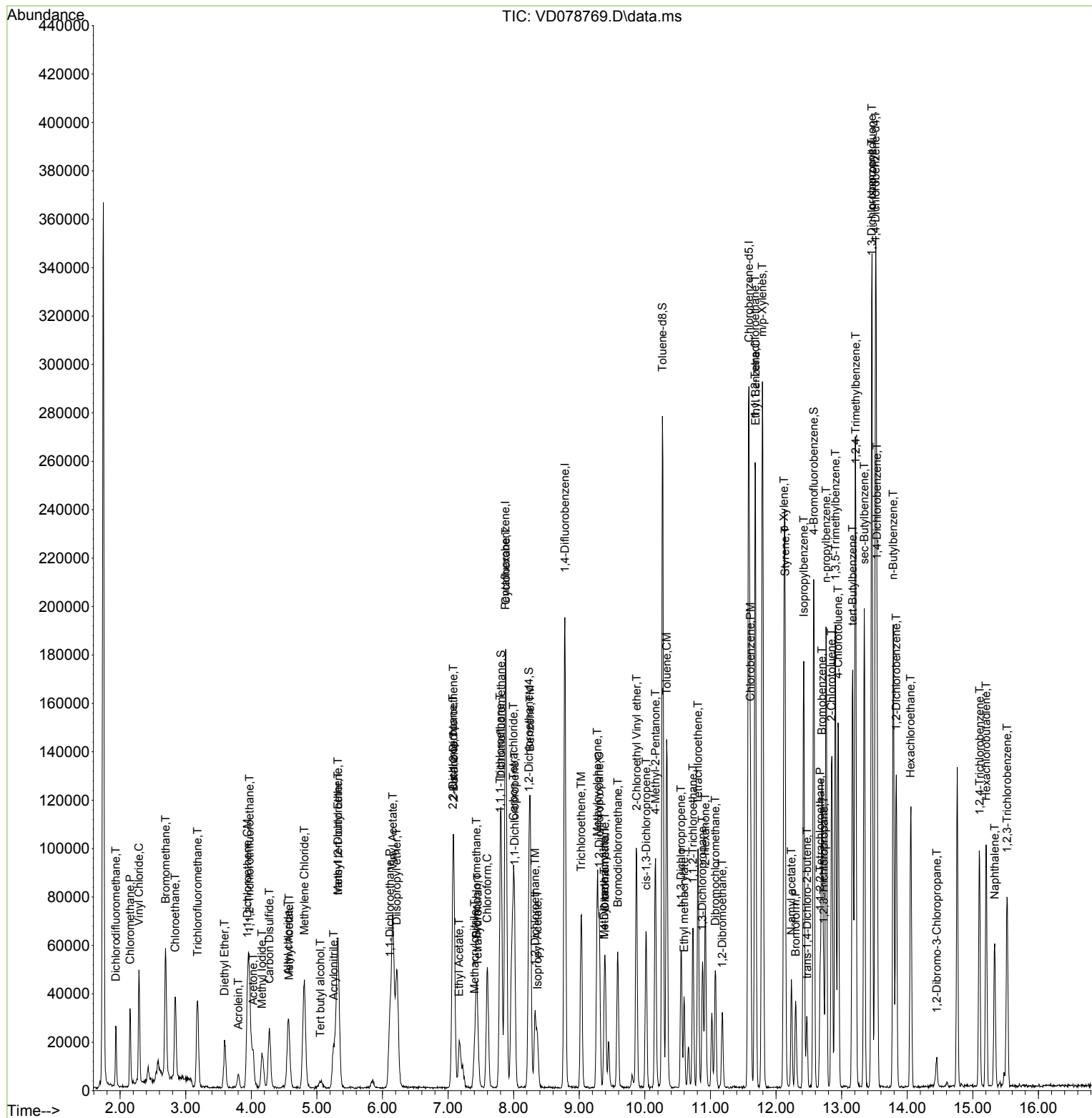
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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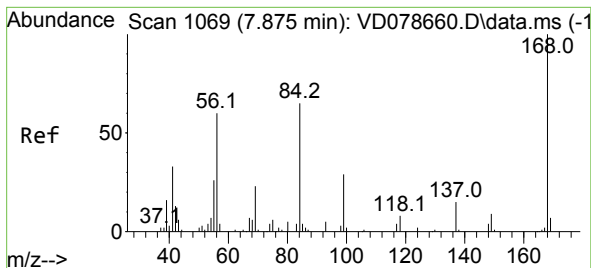
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

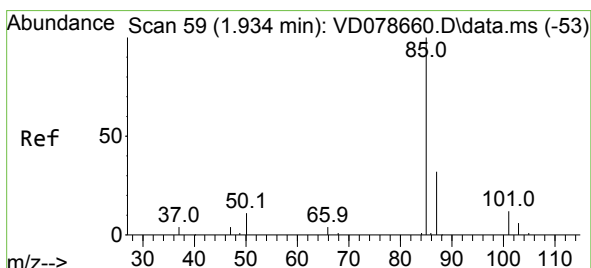
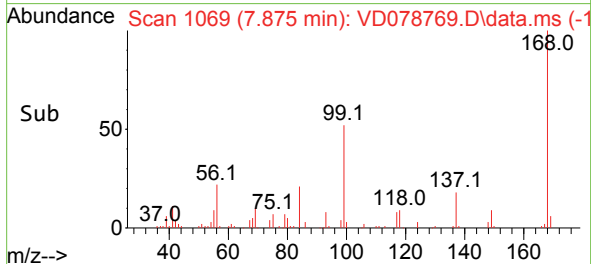
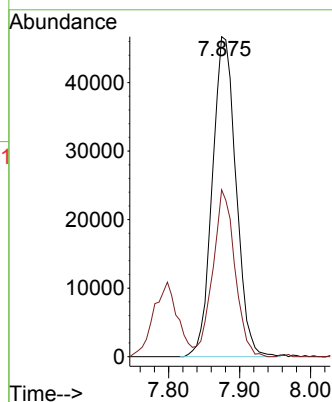
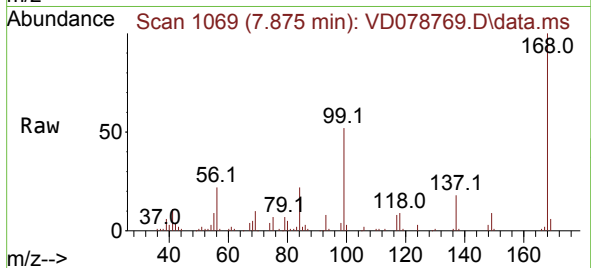
VD0328SBS01

Tgt Ion:168 Resp: 108058

Ion Ratio Lower Upper

168 100

99 51.6 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 18.522 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078769.D

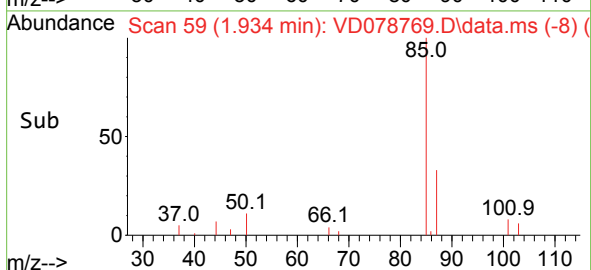
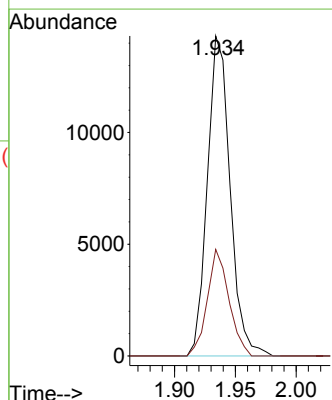
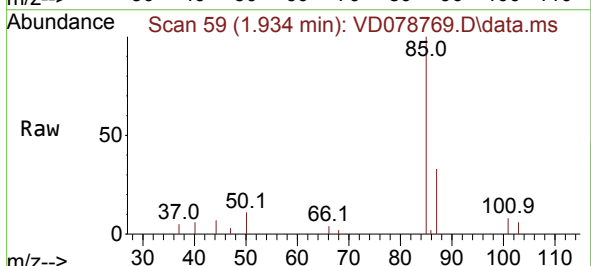
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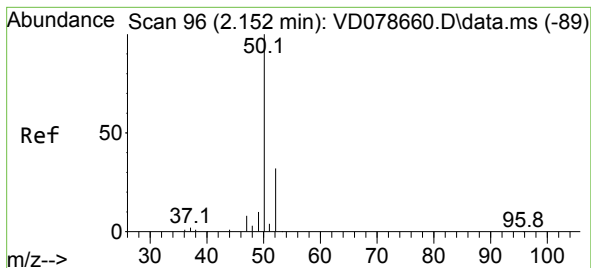
Tgt Ion: 85 Resp: 18628

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5





#3

Chloromethane

Concen: 16.199 ug/l

RT: 2.151 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

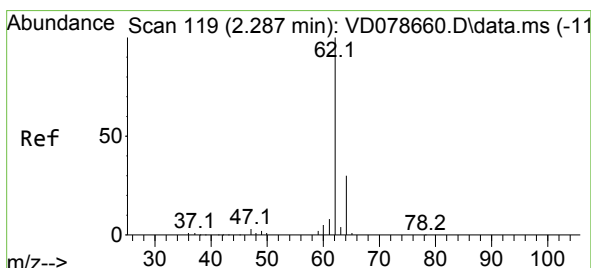
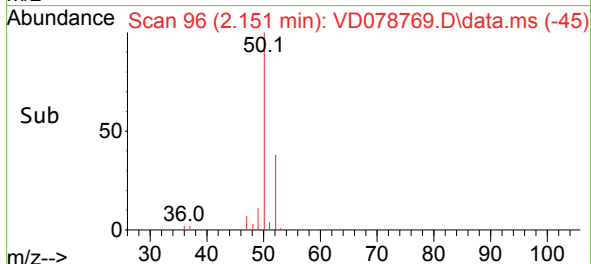
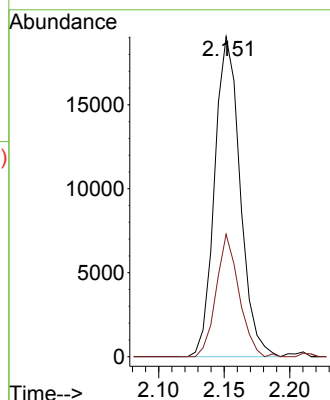
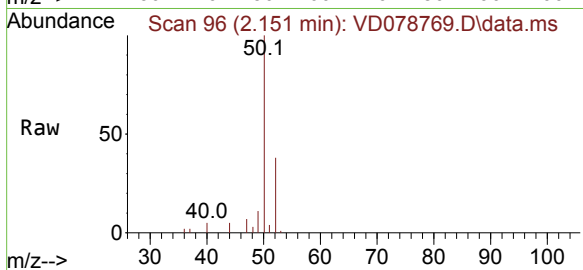
VD0328SBS01

Tgt Ion: 50 Resp: 25723

Ion Ratio Lower Upper

50 100

52 38.2 25.6 38.4



#4

Vinyl Chloride

Concen: 17.142 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078769.D

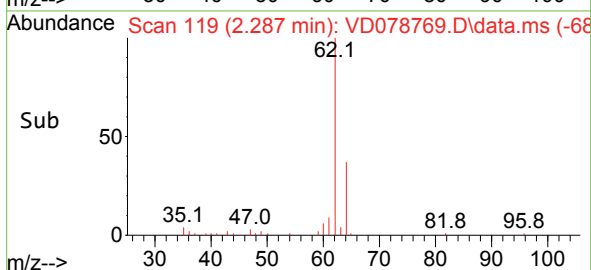
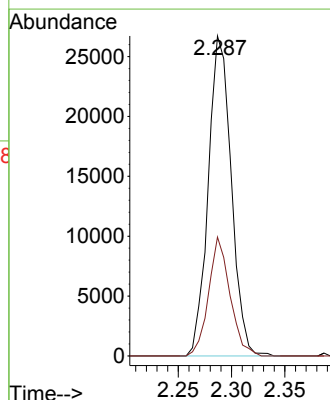
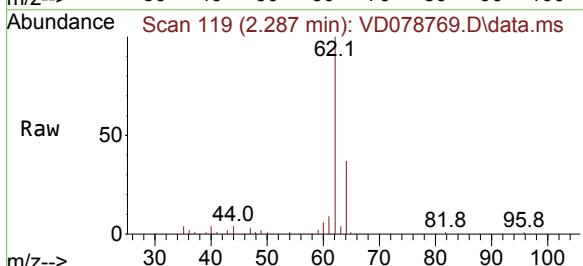
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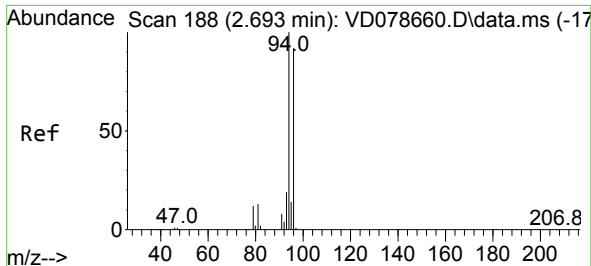
Tgt Ion: 62 Resp: 40155

Ion Ratio Lower Upper

62 100

64 37.1 23.7 35.5#

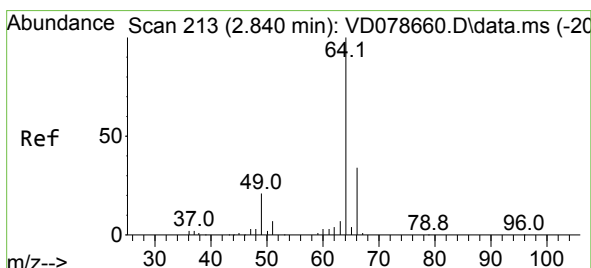
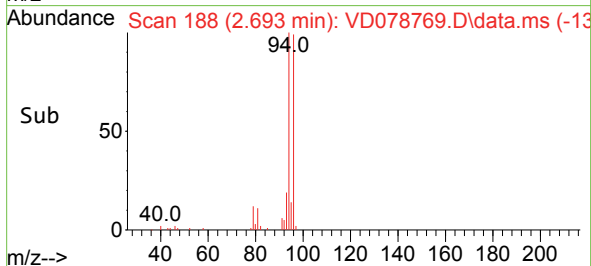
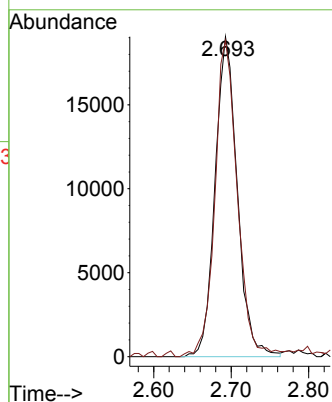
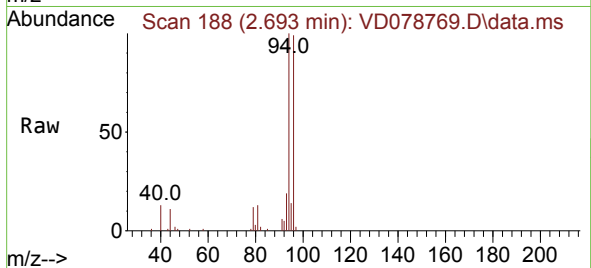




#5
Bromomethane
Concen: 16.926 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078769.D
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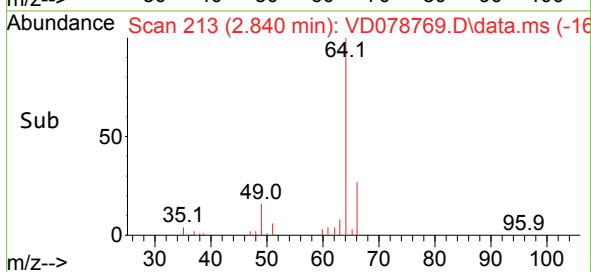
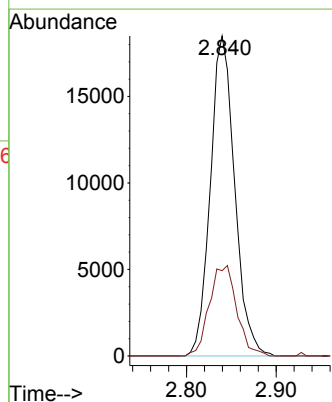
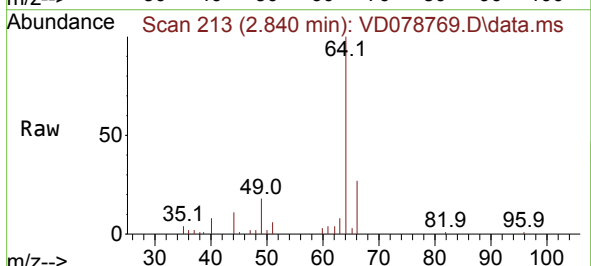
Instrument :
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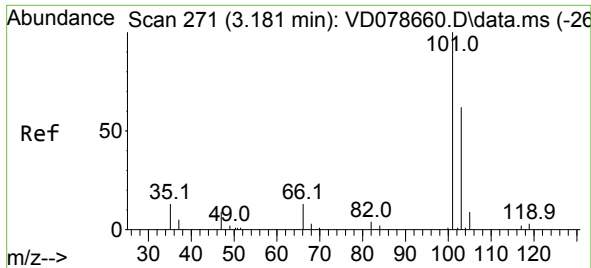
Tgt Ion: 94 Resp: 37962
Ion Ratio Lower Upper
94 100
96 100.1 73.5 110.3



#6
Chloroethane
Concen: 19.061 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 64 Resp: 34821
Ion Ratio Lower Upper
64 100
66 26.7 26.8 40.2#

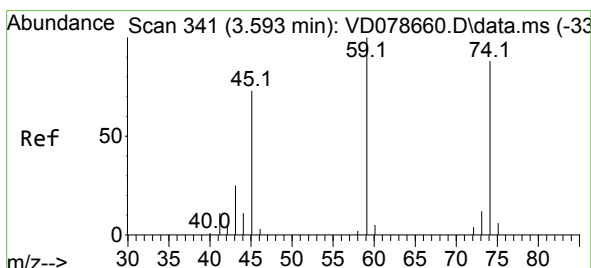
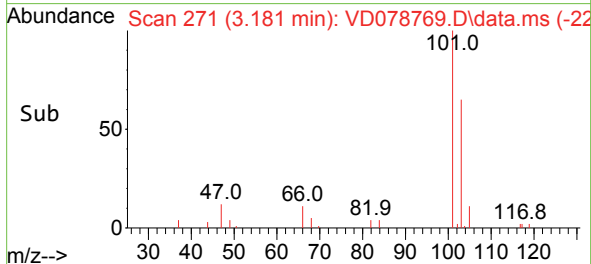
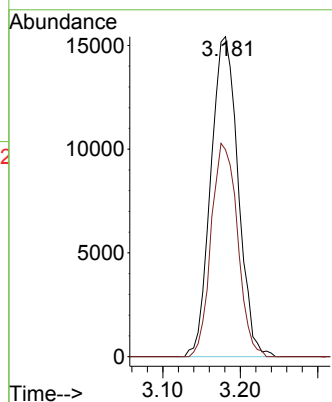
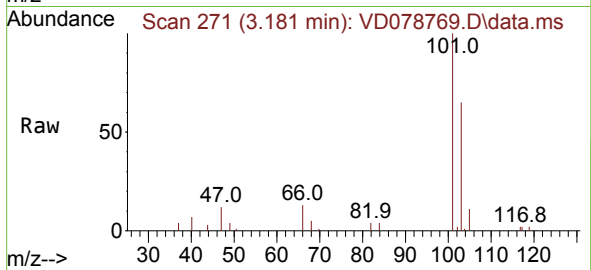




#7
Trichlorofluoromethane
Concen: 20.373 ug/l
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

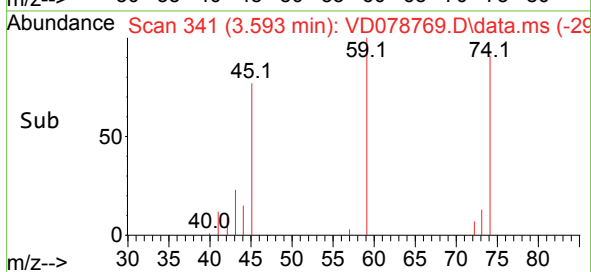
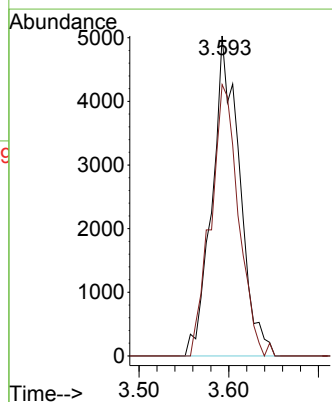
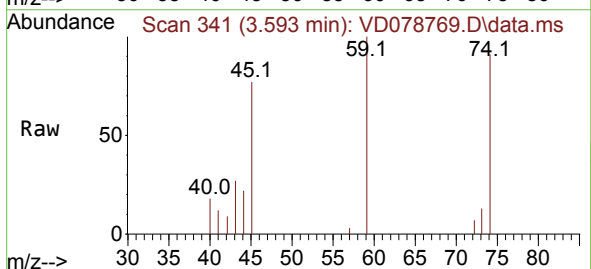
Instrument :
MSVOA_D
ClientSampleId :
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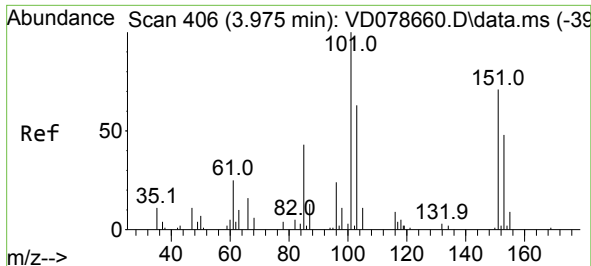
Tgt Ion:101 Resp: 37756
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5



#8
Diethyl Ether
Concen: 19.725 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 74 Resp: 10673
Ion Ratio Lower Upper
74 100
45 86.2 42.4 127.3

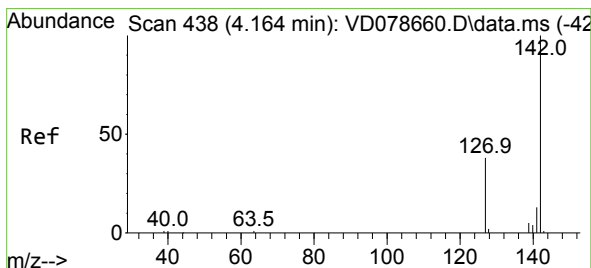
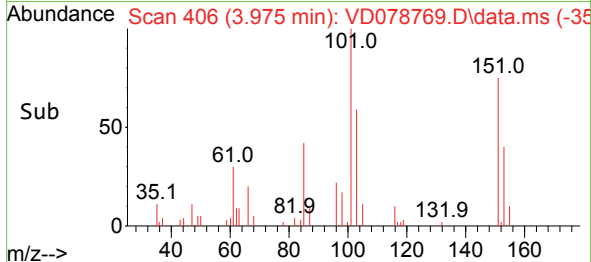
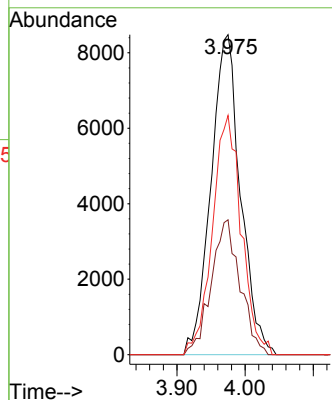
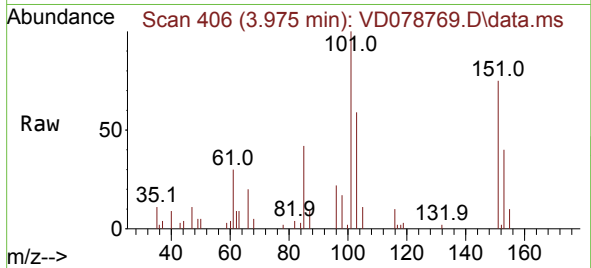




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.010 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

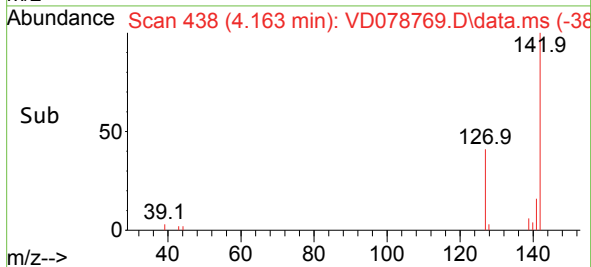
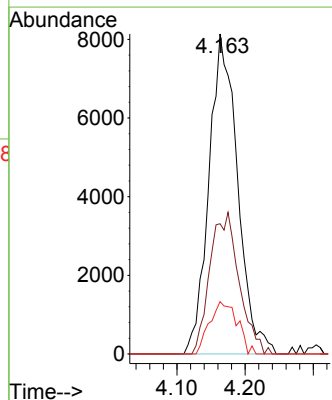
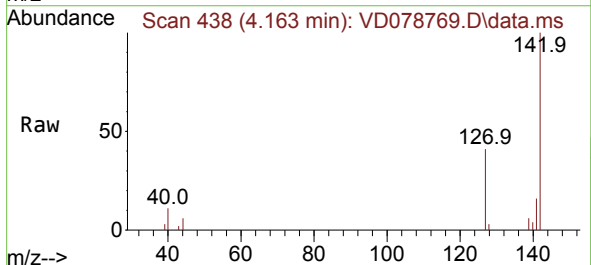
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

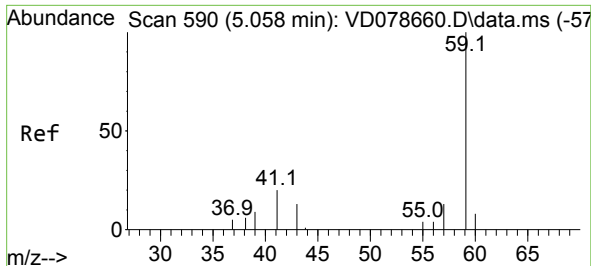
Tgt Ion:101 Resp: 25599
Ion Ratio Lower Upper
101 100
85 41.3 35.8 53.6
151 73.1 59.4 89.2



#10
Methyl Iodide
Concen: 17.287 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:142 Resp: 23782
Ion Ratio Lower Upper
142 100
127 45.1 33.5 50.3
141 15.8 11.7 17.5

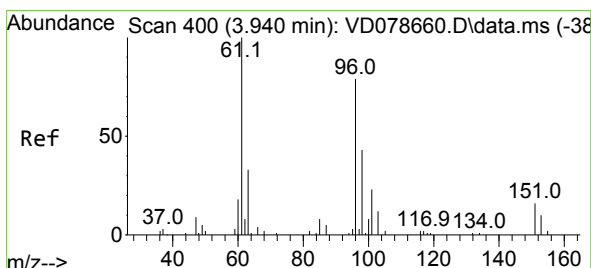
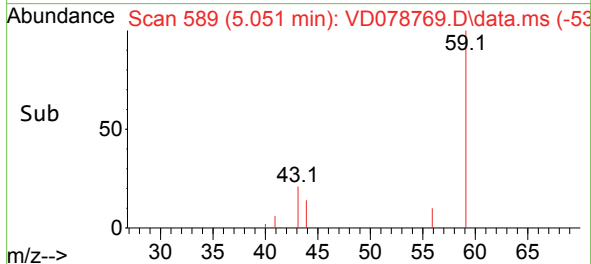
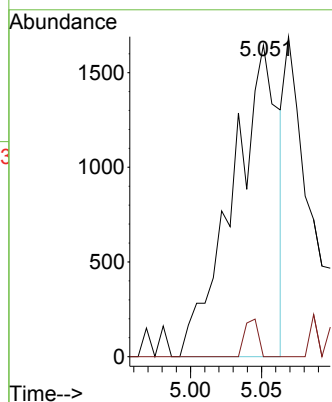
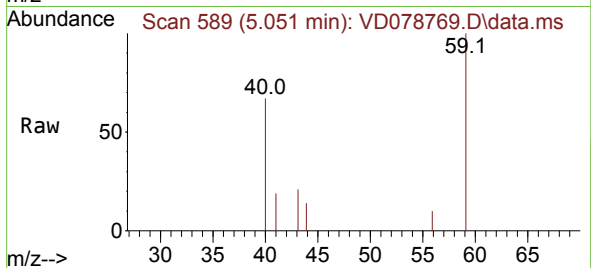




#11
Tert butyl alcohol
Concen: 81.465 ug/l
RT: 5.051 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

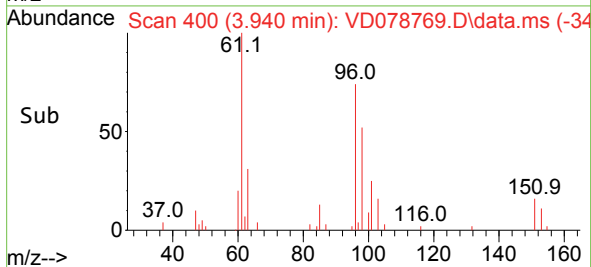
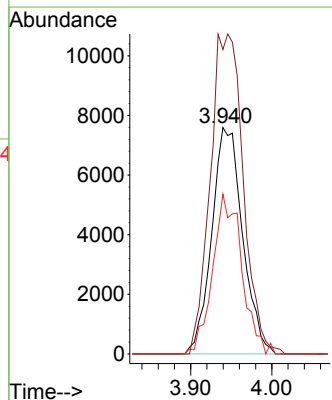
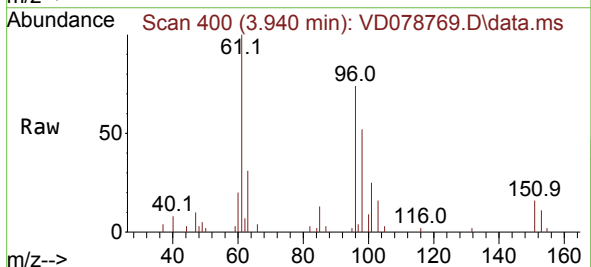
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

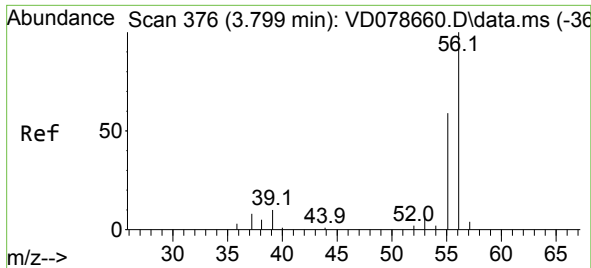
Tgt Ion: 59 Resp: 3692
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.130 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 96 Resp: 20045
Ion Ratio Lower Upper
96 100
61 134.5 101.4 152.0
98 70.6 43.4 65.0#





#13

Acrolein

Concen: 90.163 ug/l

RT: 3.804 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

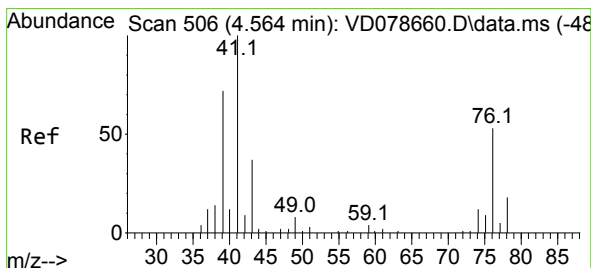
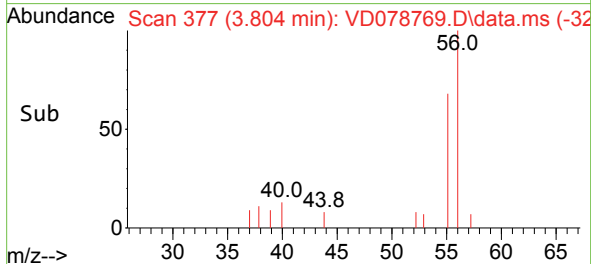
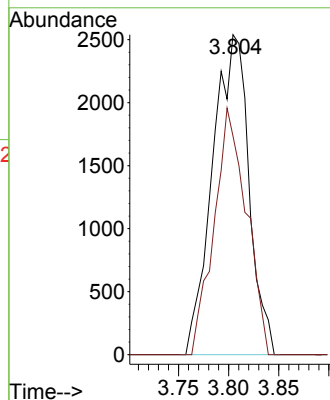
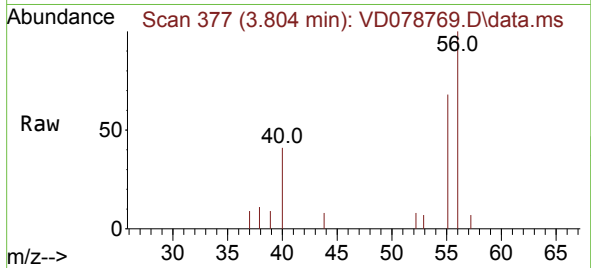
VD0328SBS01

Tgt Ion: 56 Resp: 6401

Ion Ratio Lower Upper

56 100

55 68.8 54.9 82.3



#14

Allyl chloride

Concen: 19.449 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

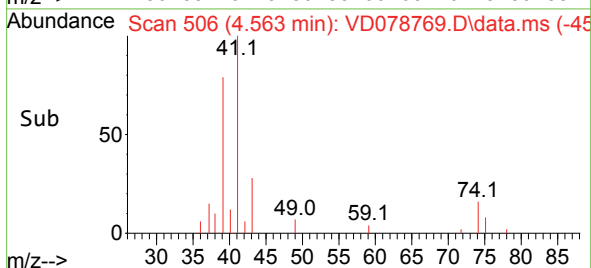
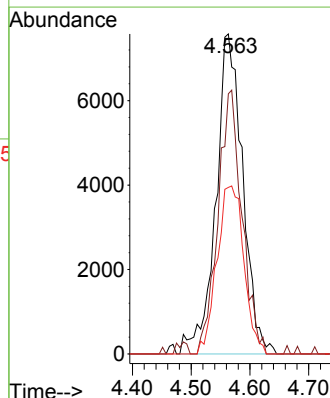
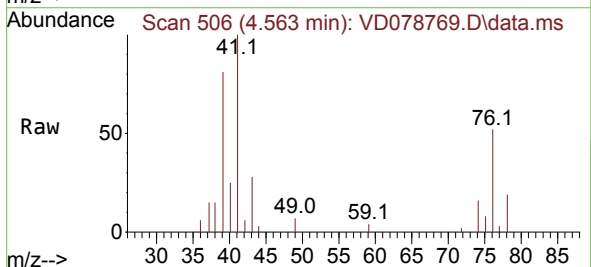
Tgt Ion: 41 Resp: 23993

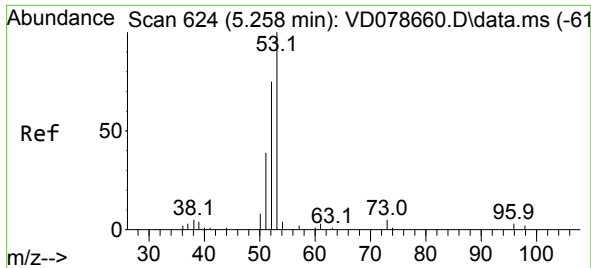
Ion Ratio Lower Upper

41 100

39 73.8 57.8 86.6

76 52.8 44.8 67.2

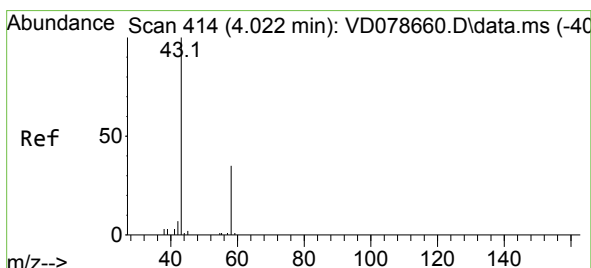
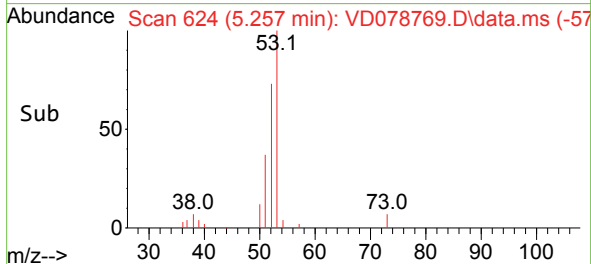
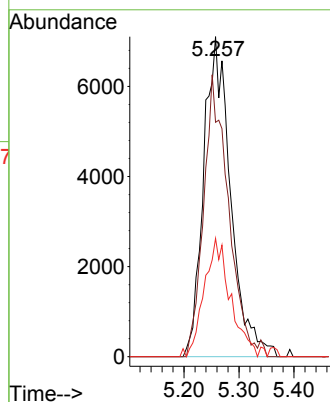
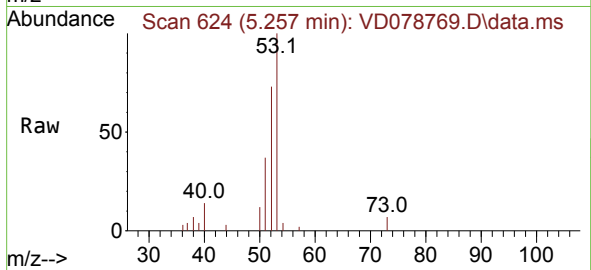




#15
Acrylonitrile
Concen: 111.164 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

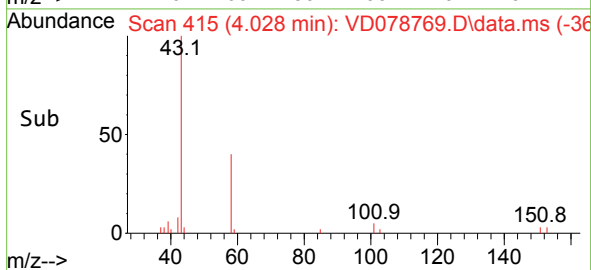
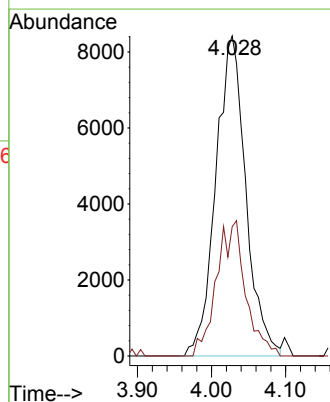
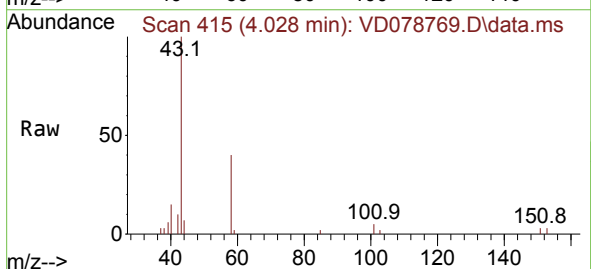
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

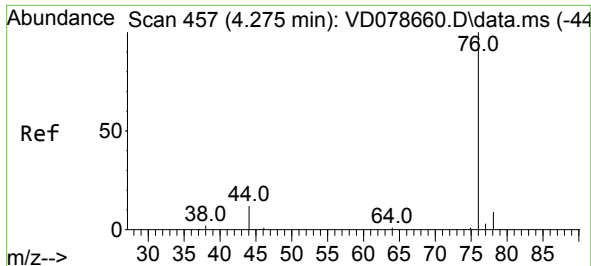
Tgt Ion:	53	Resp:	24247
Ion	Ratio	Lower	Upper
53	100		
52	81.0	61.9	92.9
51	35.7	29.0	43.4



#16
Acetone
Concen: 120.832 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:	43	Resp:	23662
Ion	Ratio	Lower	Upper
43	100		
58	40.4	28.2	42.4

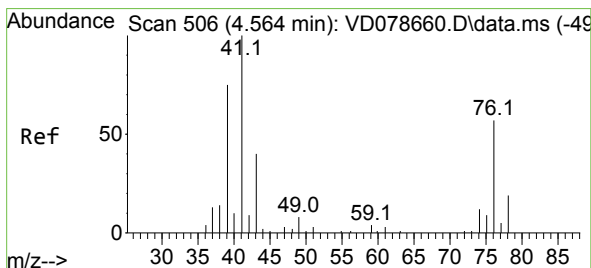
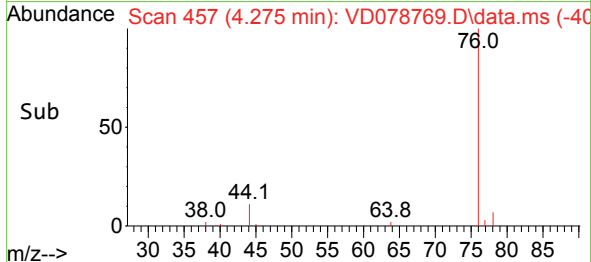
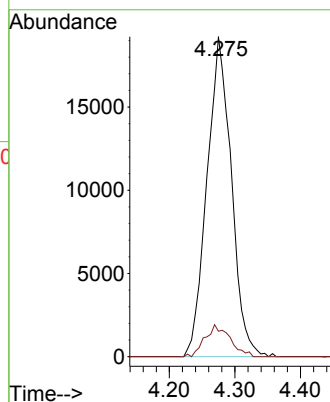
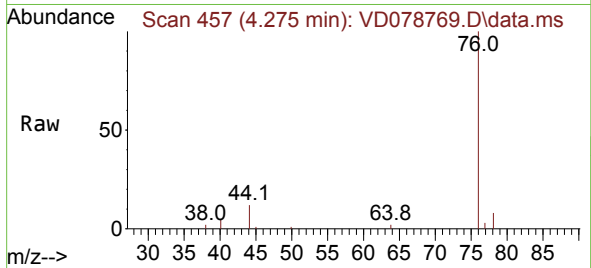




#17
Carbon Disulfide
Concen: 13.718 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

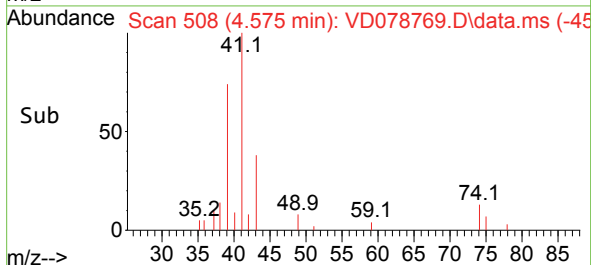
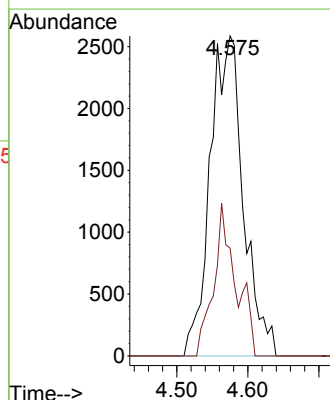
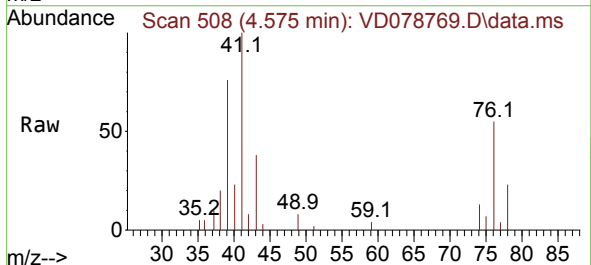
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

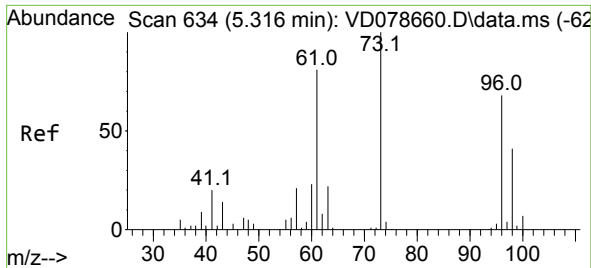
Tgt Ion: 76 Resp: 49720
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.952 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.011 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 43 Resp: 8385
Ion Ratio Lower Upper
43 100
74 25.9 25.3 37.9

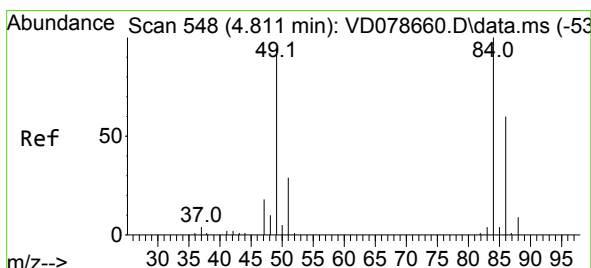
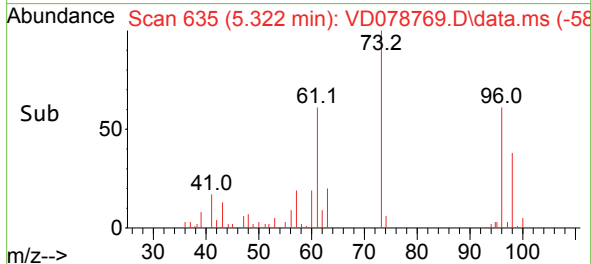
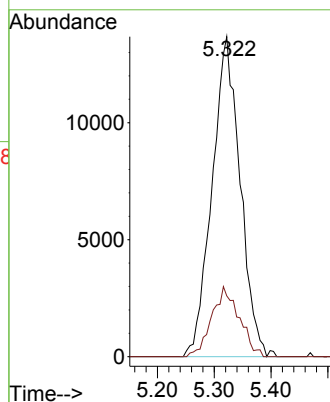
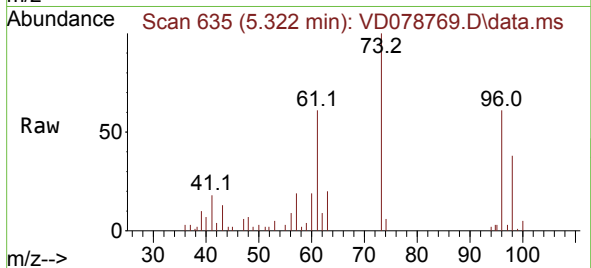




#19
Methyl tert-butyl Ether
Concen: 21.066 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

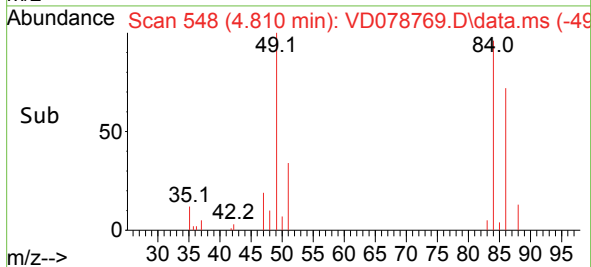
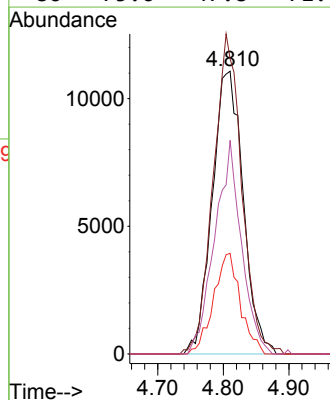
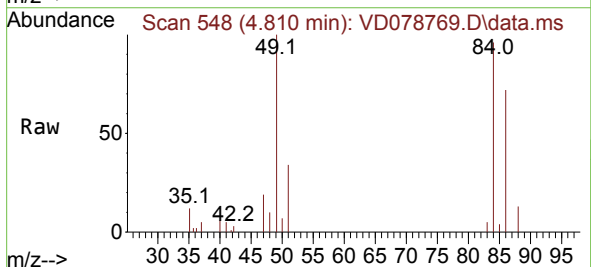
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

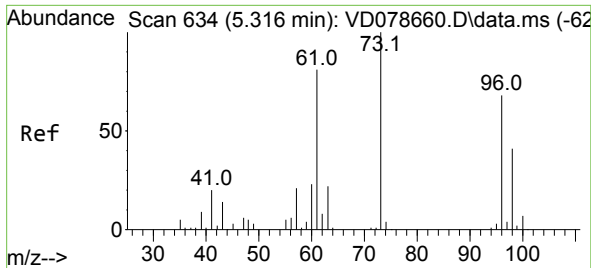
Tgt Ion: 73 Resp: 46970
Ion Ratio Lower Upper
73 100
57 19.0 16.4 24.6



#20
Methylene Chloride
Concen: 24.672 ug/l
RT: 4.810 min Scan# 548
Delta R.T. -0.001 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 84 Resp: 36233
Ion Ratio Lower Upper
84 100
49 104.3 75.6 113.4
51 35.6 23.4 35.0#
86 75.6 47.8 71.6#

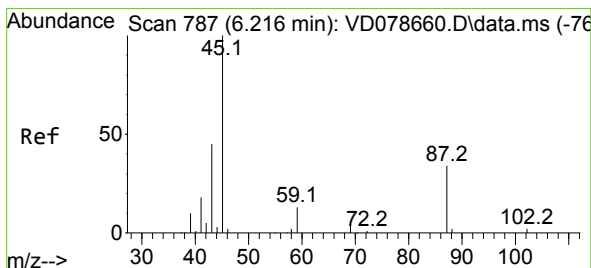
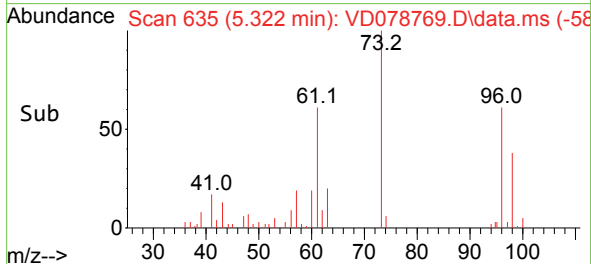
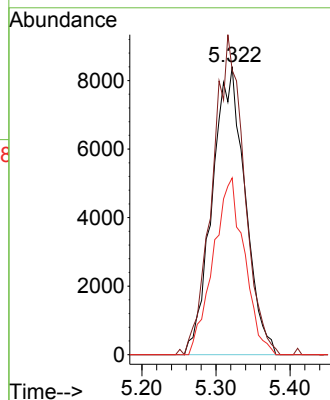
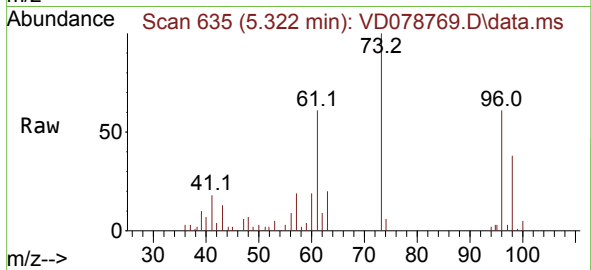




#21
trans-1,2-Dichloroethene
Concen: 19.785 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

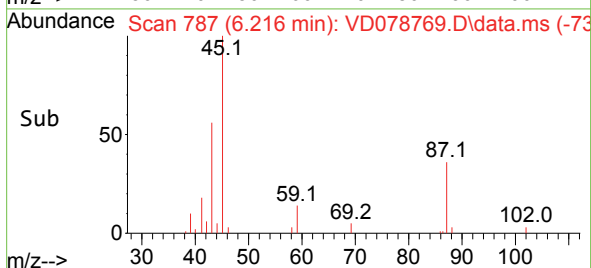
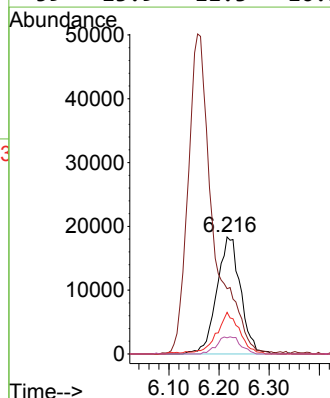
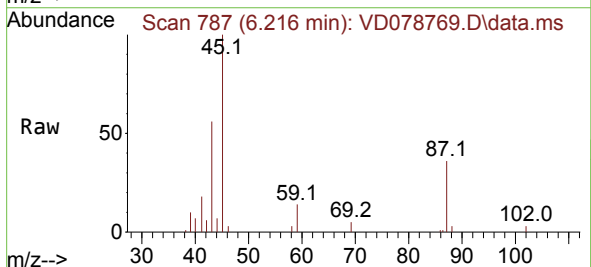
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

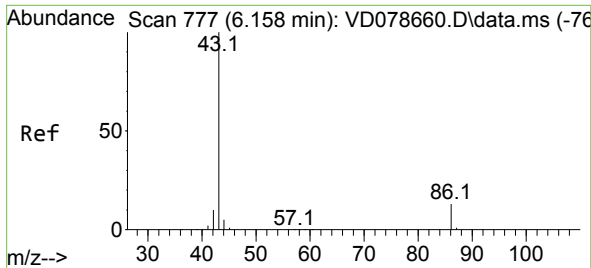
Tgt Ion: 96 Resp: 25811
Ion Ratio Lower Upper
96 100
61 98.7 96.1 144.1
98 61.4 48.9 73.3



#22
Diisopropyl ether
Concen: 21.546 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 45 Resp: 60434
Ion Ratio Lower Upper
45 100
43 53.8 44.3 66.5
87 35.6 28.3 42.5
59 13.9 11.3 16.9

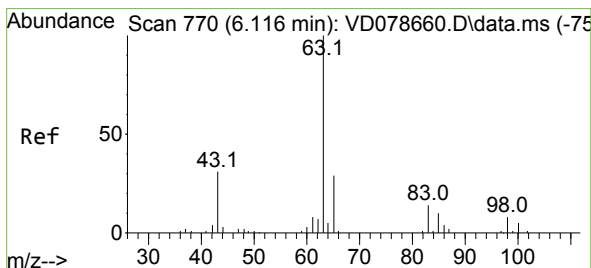
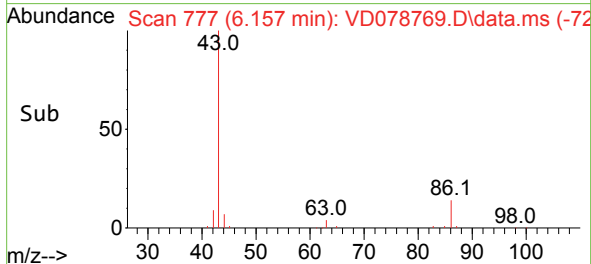
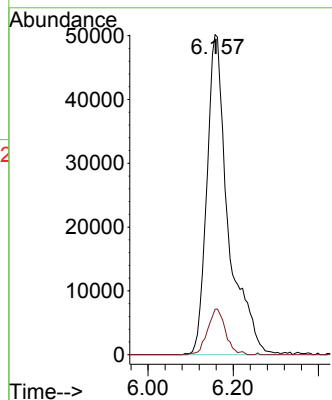
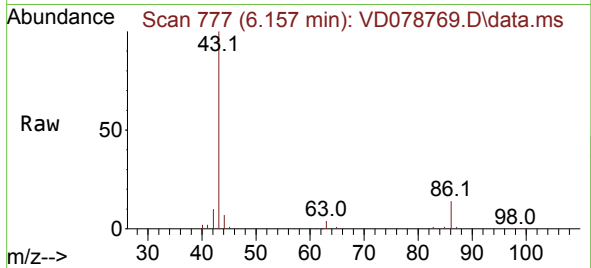




#23
 Vinyl Acetate
 Concen: 106.756 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

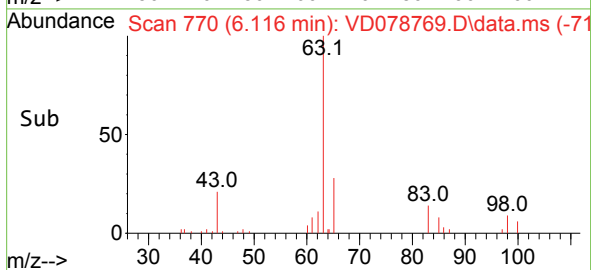
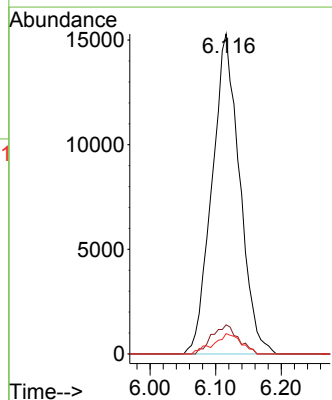
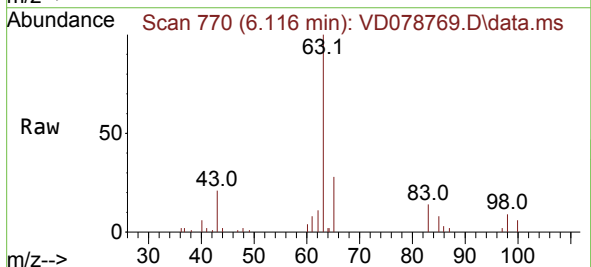
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

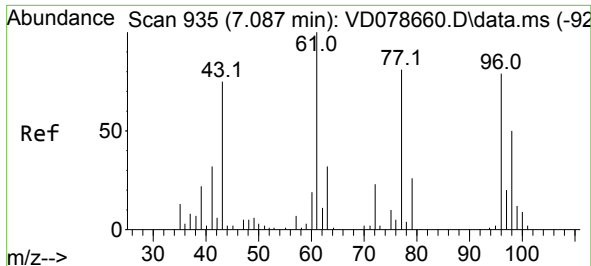
Tgt Ion: 43 Resp: 175150
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.241 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

Tgt Ion: 63 Resp: 44668
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 11.9
 100 6.3 2.7 8.1

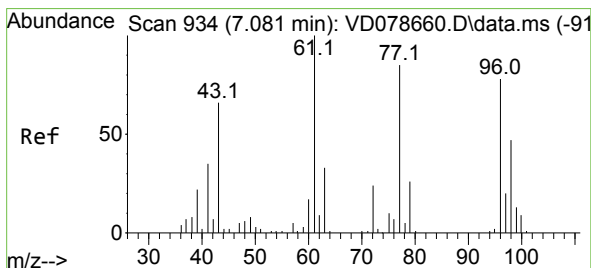
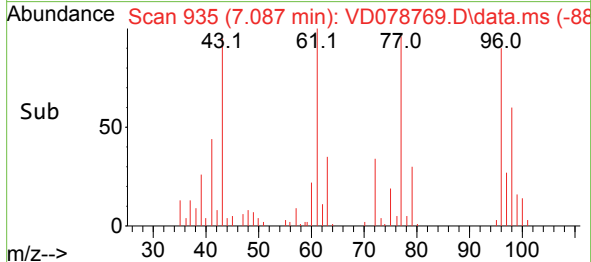
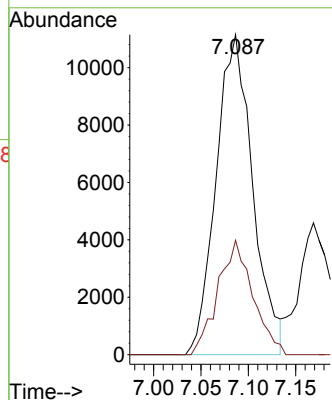
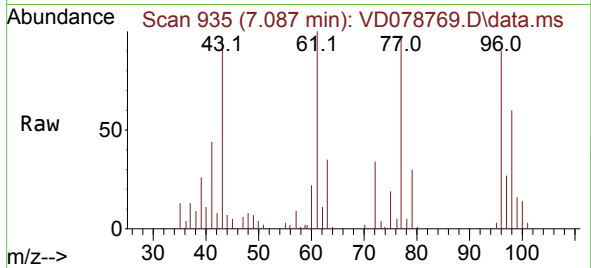




#25
2-Butanone
Concen: 115.217 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

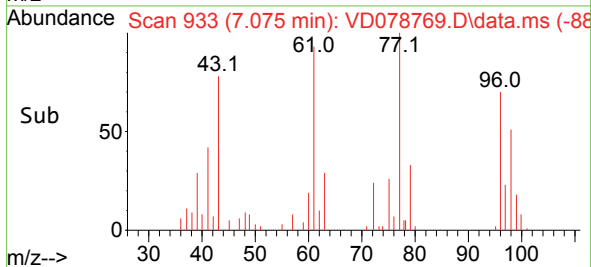
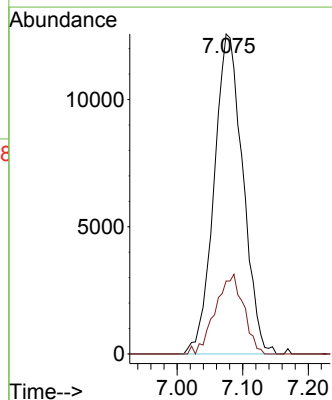
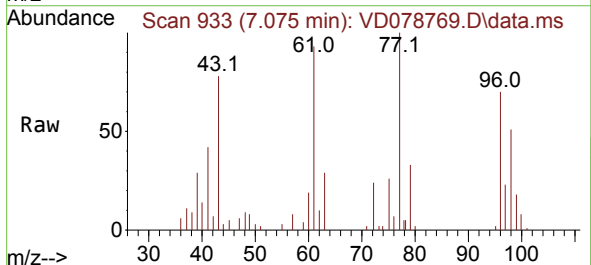
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

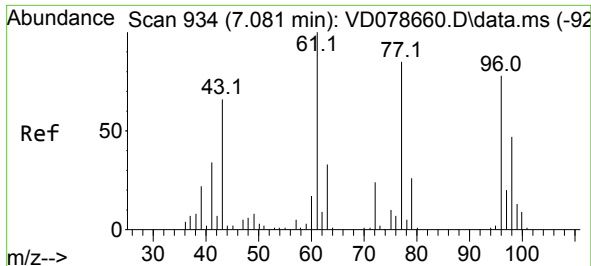
Tgt Ion: 43 Resp: 29997
Ion Ratio Lower Upper
43 100
72 35.8 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.531 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 77 Resp: 38308
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.0

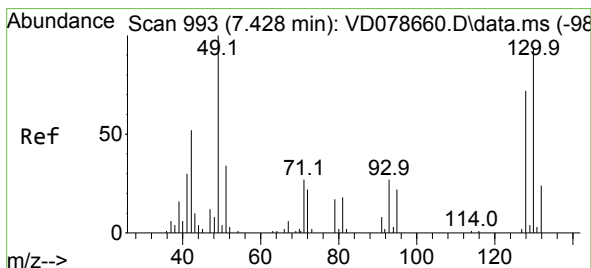
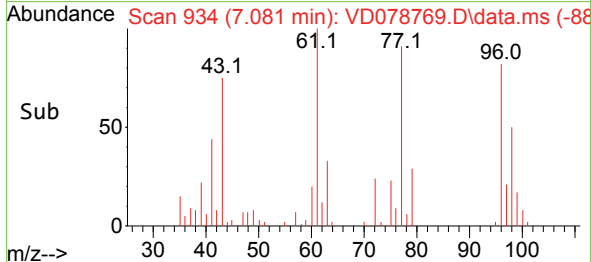
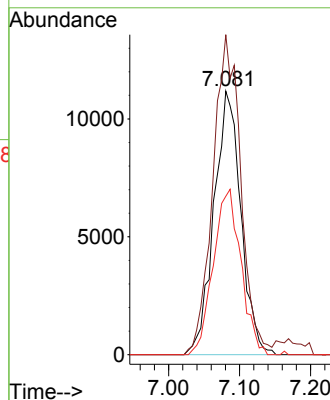
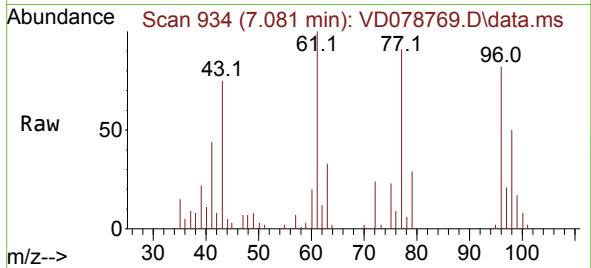




#27
 cis-1,2-Dichloroethene
 Concen: 19.722 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

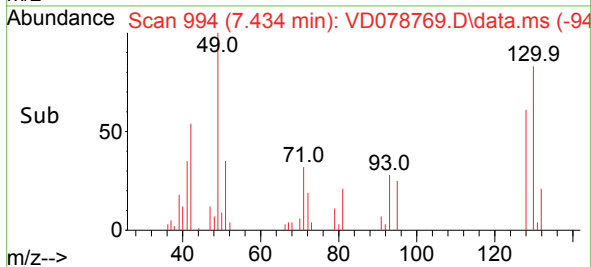
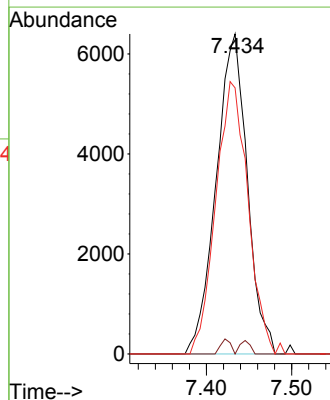
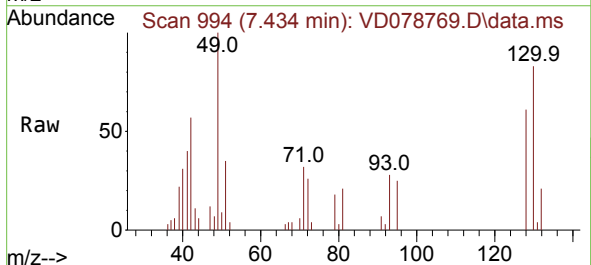
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

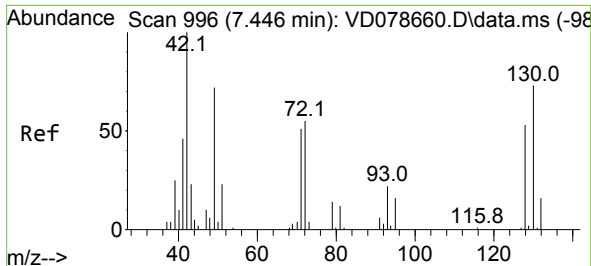
Tgt Ion: 96	Resp:	29346
Ion	Ratio	Lower Upper
96	100	
61	125.9	0.0 245.0
98	64.7	0.0 126.6



#28
 Bromochloromethane
 Concen: 21.648 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.005 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

Tgt Ion: 49	Resp:	16230
Ion	Ratio	Lower Upper
49	100	
129	1.5	0.0 6.2
130	88.1	77.1 115.7





#29

Tetrahydrofuran

Concen: 110.320 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

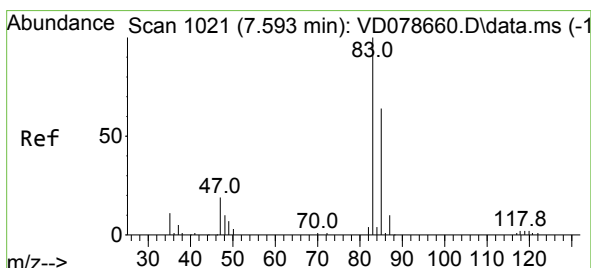
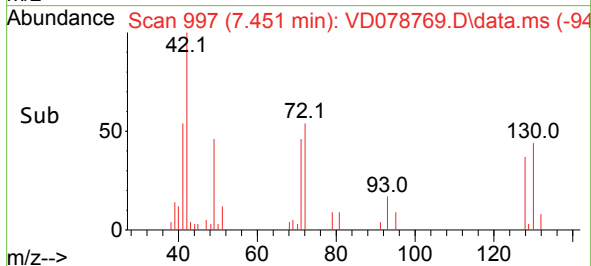
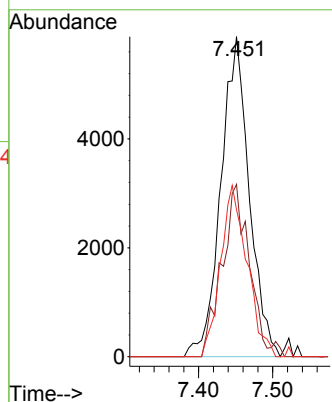
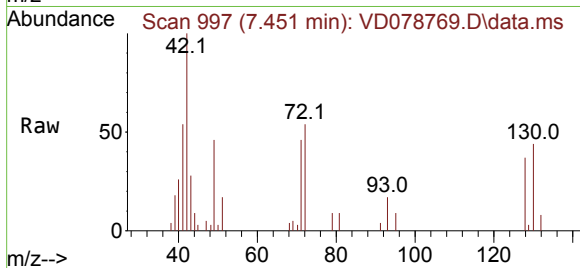
Tgt Ion: 42 Resp: 15622

Ion Ratio Lower Upper

42 100

72 51.6 43.8 65.6

71 50.1 42.0 63.0



#30

Chloroform

Concen: 21.435 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD078769.D

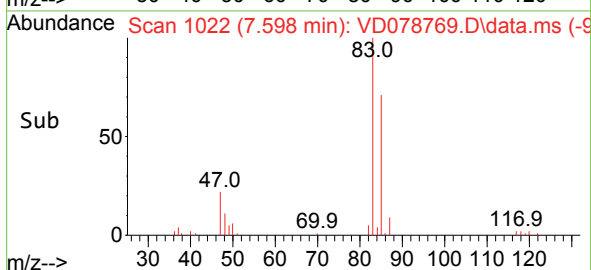
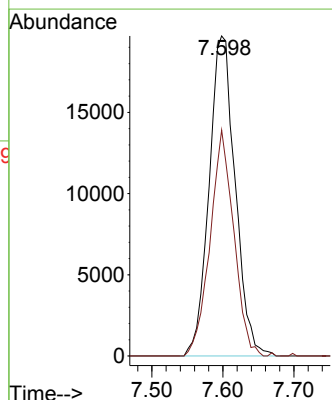
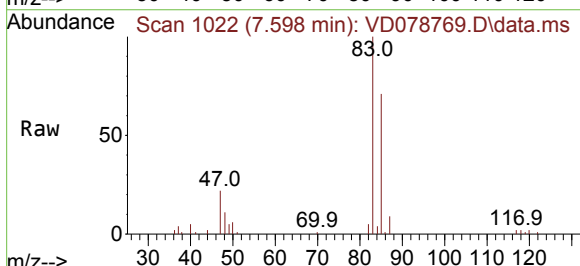
Acq: 28 Mar 2024 12:48

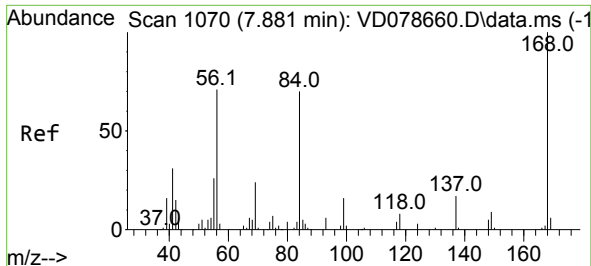
Tgt Ion: 83 Resp: 50258

Ion Ratio Lower Upper

83 100

85 70.6 51.2 76.8

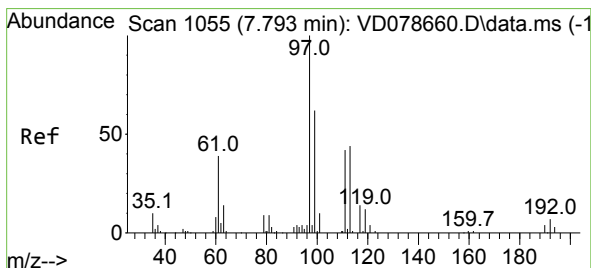
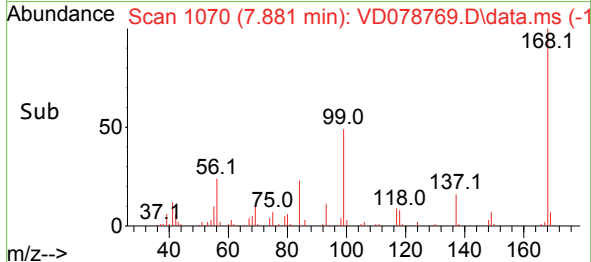
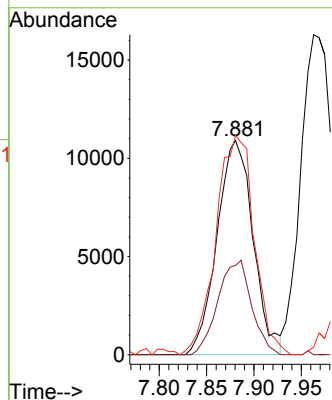
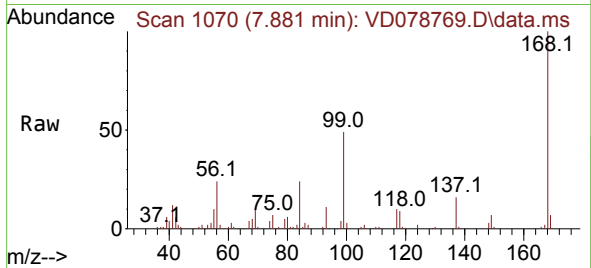




#31
Cyclohexane
Concen: 16.994 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

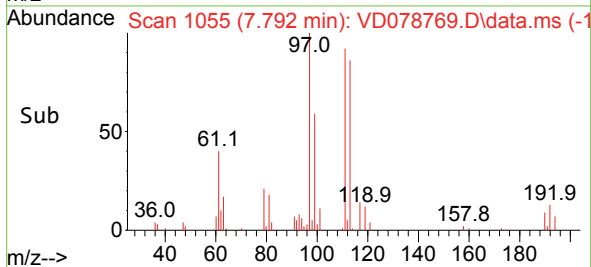
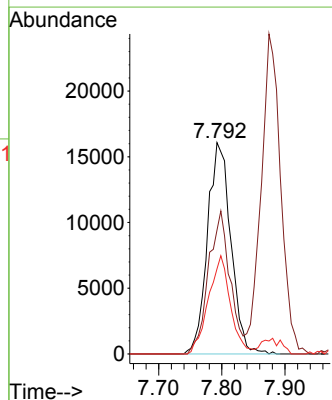
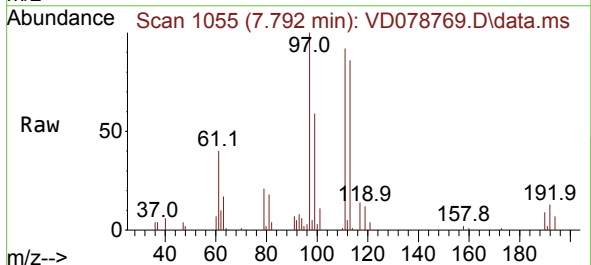
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

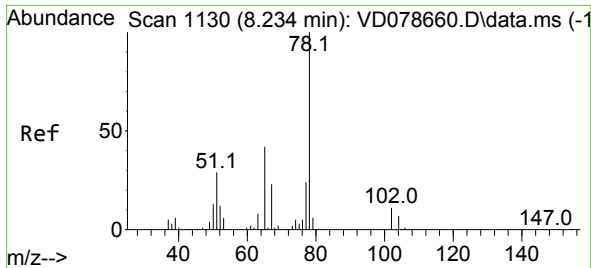
Tgt Ion: 56 Resp: 28926
Ion Ratio Lower Upper
56 100
69 41.7 26.6 40.0#
84 102.5 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 20.793 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 97 Resp: 41364
Ion Ratio Lower Upper
97 100
99 62.3 50.8 76.2
61 43.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.020 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

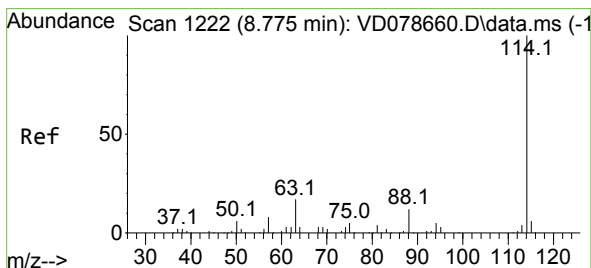
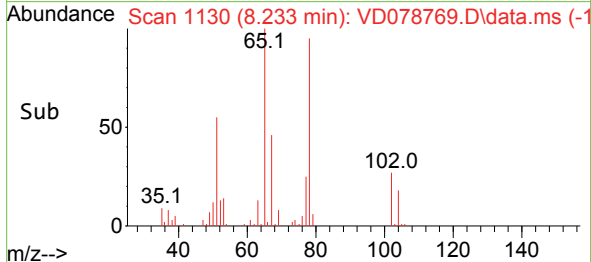
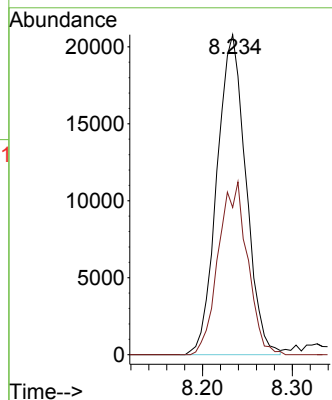
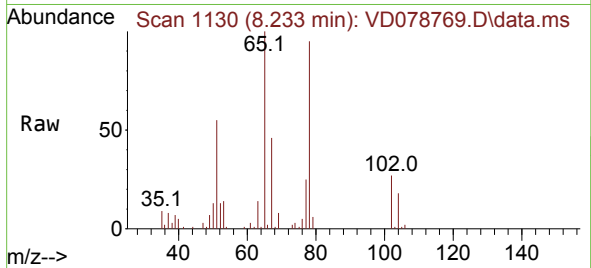
VD0328SBS01

Tgt Ion: 65 Resp: 46604

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

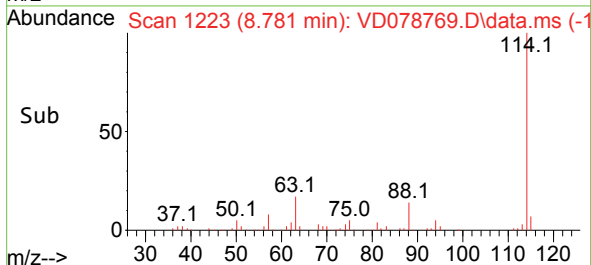
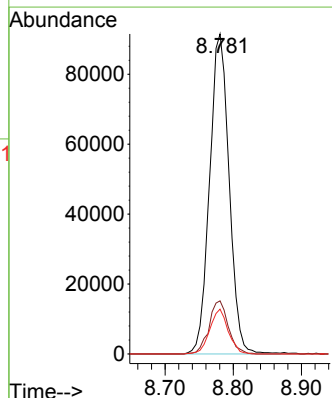
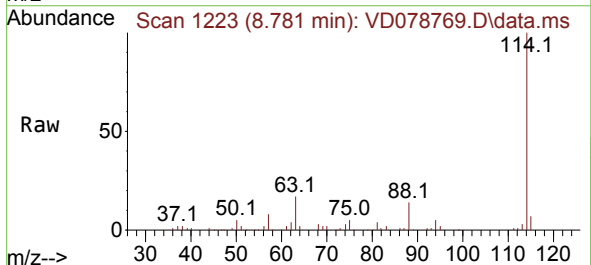
Tgt Ion: 114 Resp: 182591

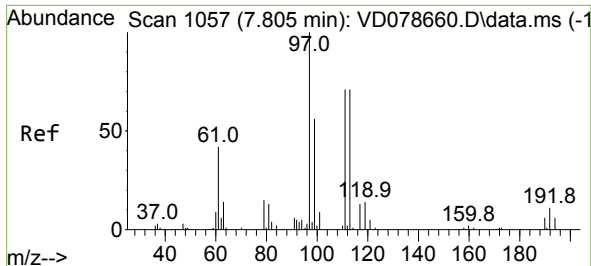
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 14.0 0.0 24.6

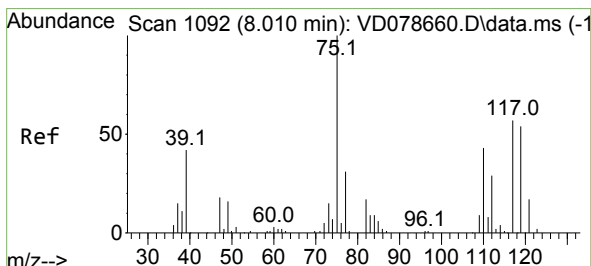
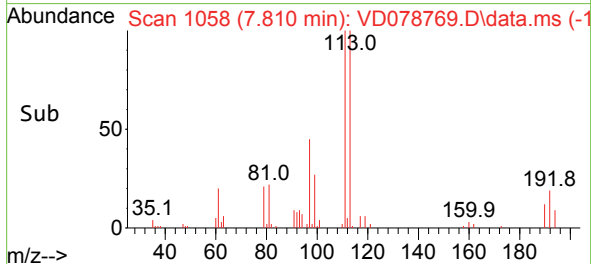
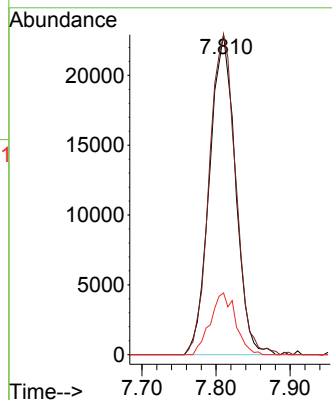
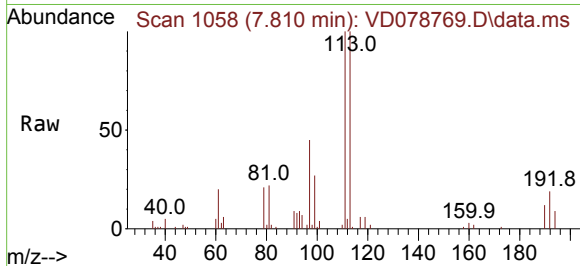




#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

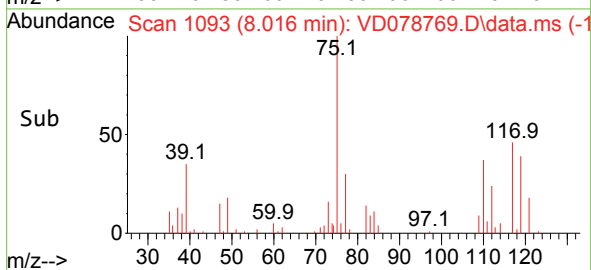
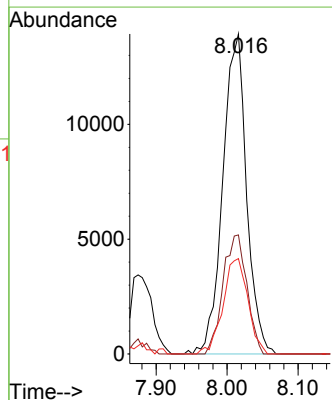
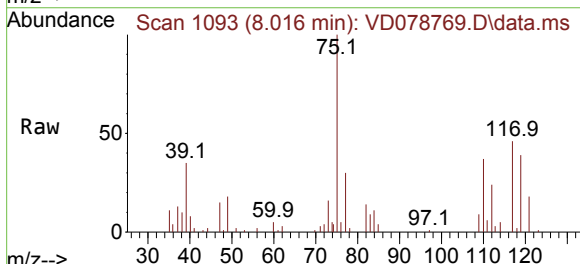
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

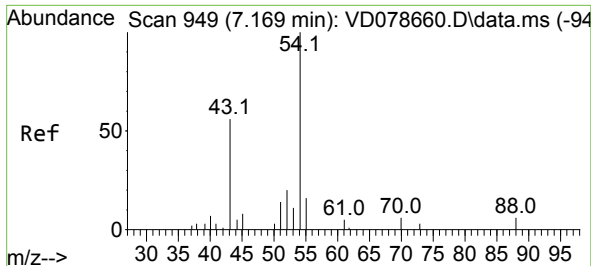
Tgt Ion:113 Resp: 55475
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.978 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 75 Resp: 32372
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.1
77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 19.886 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

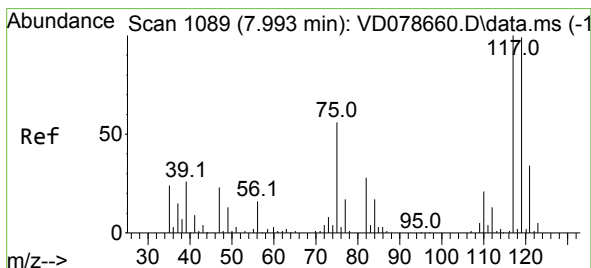
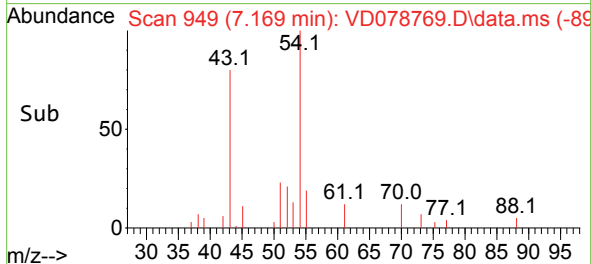
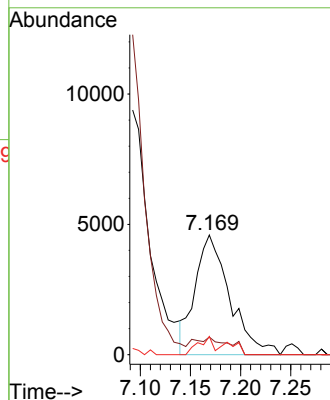
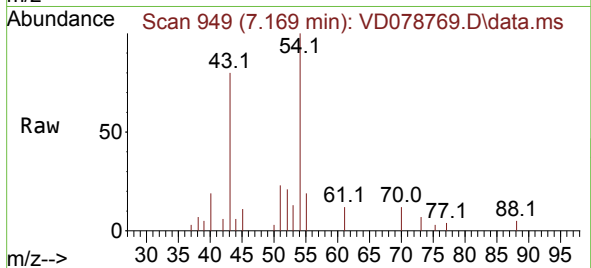
Tgt Ion: 43 Resp: 11081

Ion Ratio Lower Upper

43 100

61 14.5 14.6 21.8#

70 7.3 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 20.743 ug/l

RT: 7.998 min Scan# 1090

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

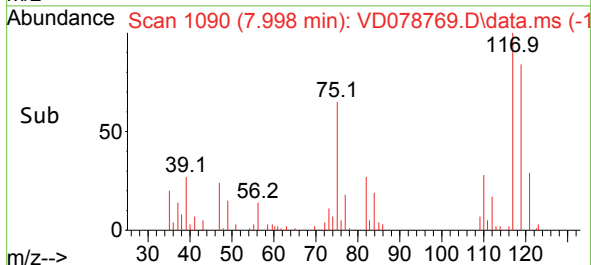
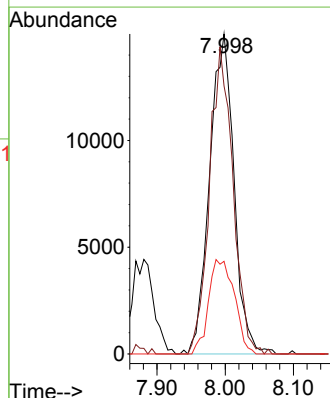
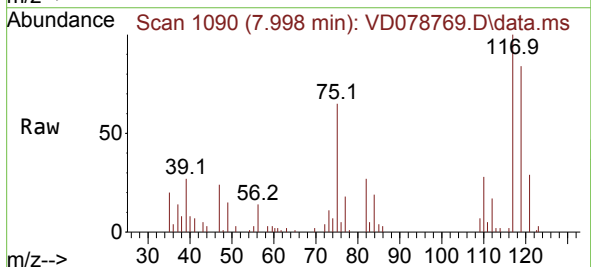
Tgt Ion: 117 Resp: 37300

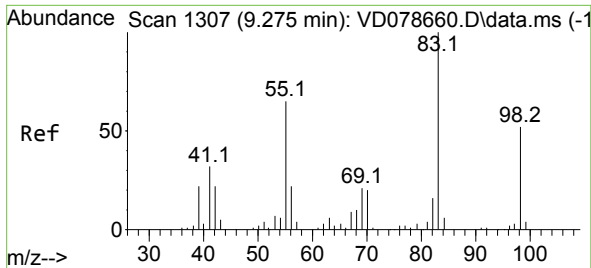
Ion Ratio Lower Upper

117 100

119 83.7 79.2 118.8

121 29.0 26.8 40.2

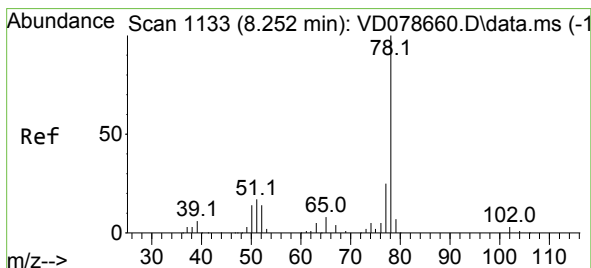
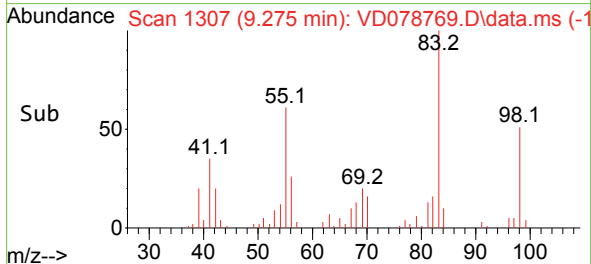
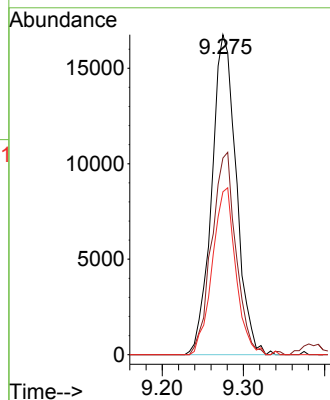
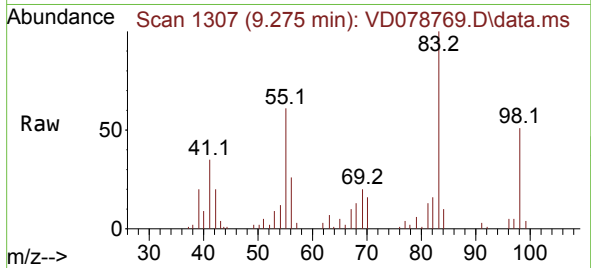




#39
Methylcyclohexane
Concen: 17.794 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

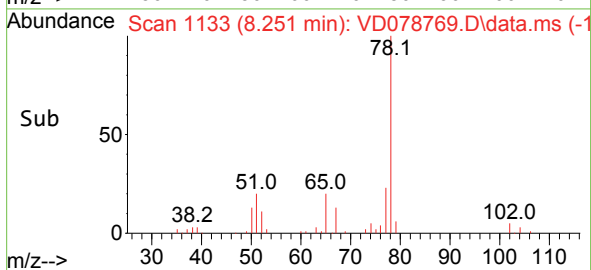
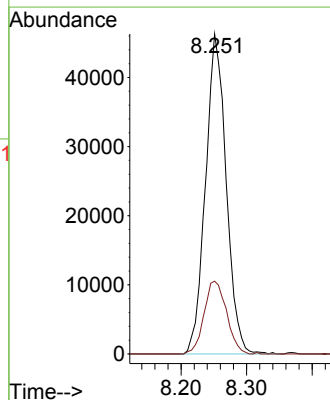
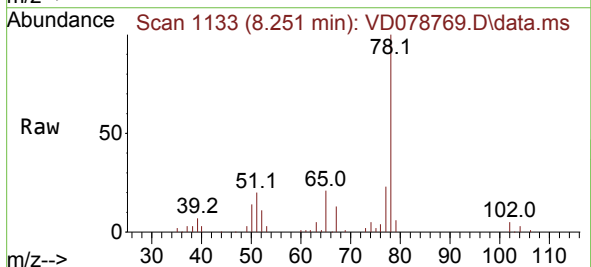
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

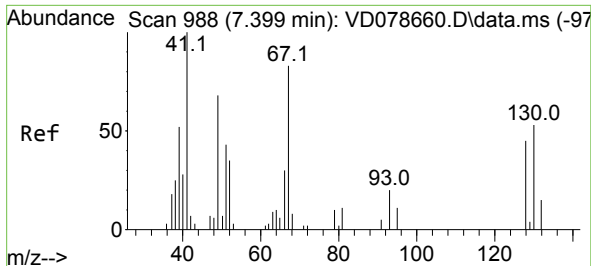
Tgt Ion: 83 Resp: 35209
Ion Ratio Lower Upper
83 100
55 61.4 51.7 77.5
98 50.9 41.4 62.0



#40
Benzene
Concen: 19.701 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 78 Resp: 101581
Ion Ratio Lower Upper
78 100
77 22.8 20.4 30.6

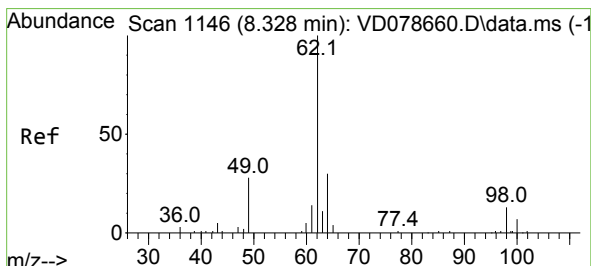
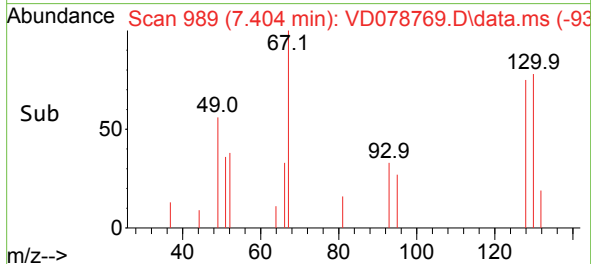
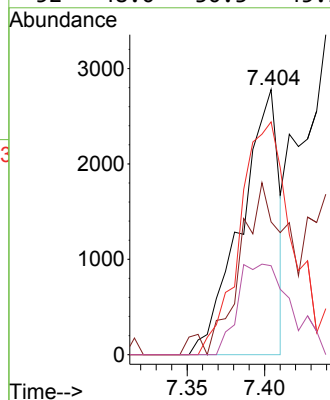
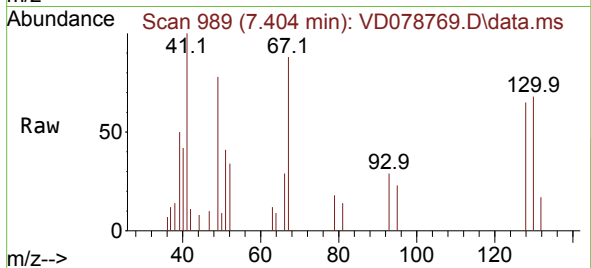




#41
Methacrylonitrile
Concen: 16.239 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

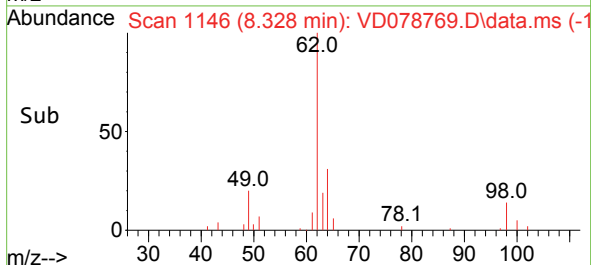
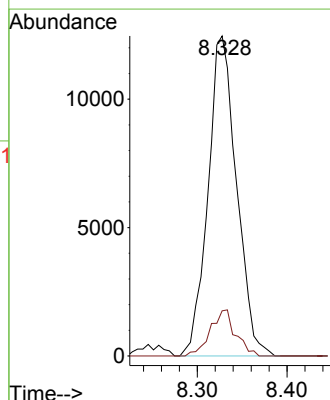
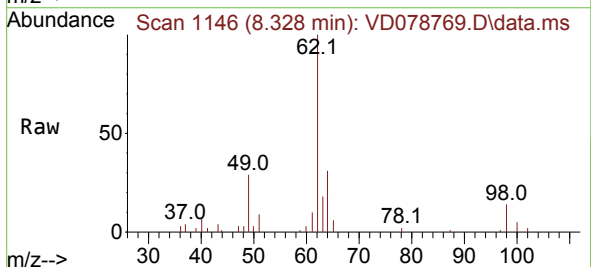
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

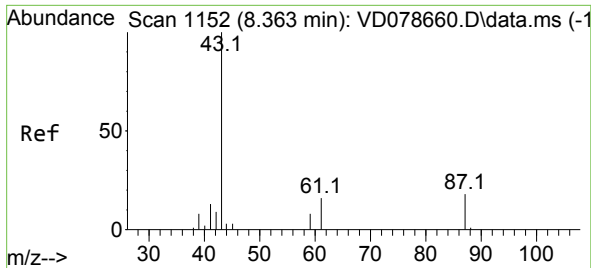
Tgt Ion: 41 Resp: 4742
Ion Ratio Lower Upper
41 100
39 82.2 39.8 59.6#
67 123.2 83.5 125.3
52 48.0 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 21.905 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

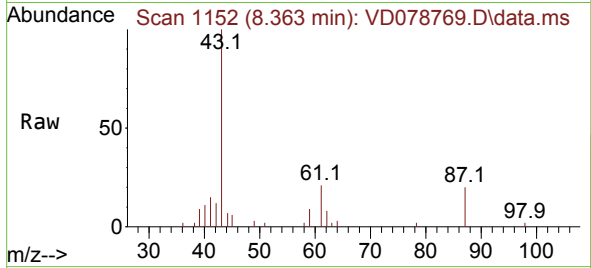
Tgt Ion: 62 Resp: 27544
Ion Ratio Lower Upper
62 100
98 12.7 0.0 23.8



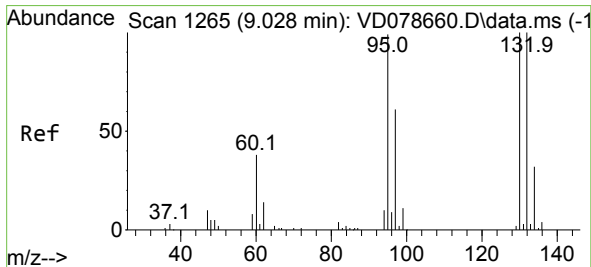
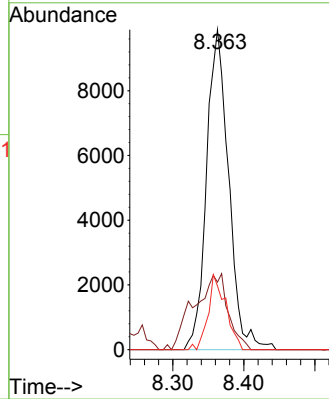
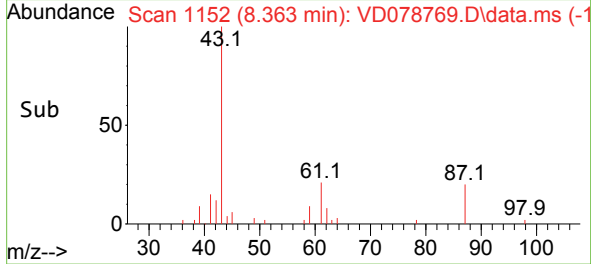


#43
Isopropyl Acetate
Concen: 21.143 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

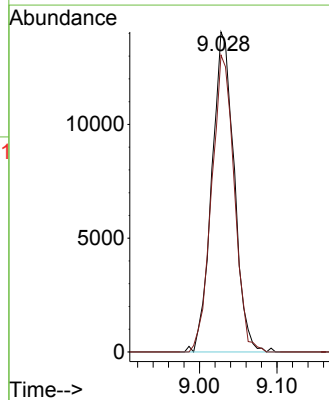
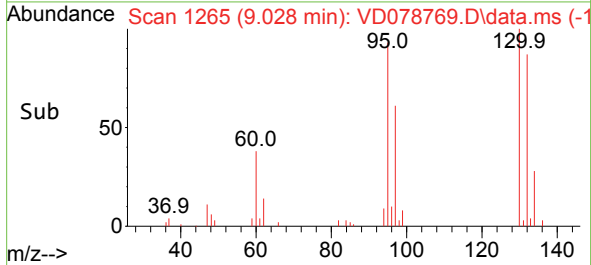
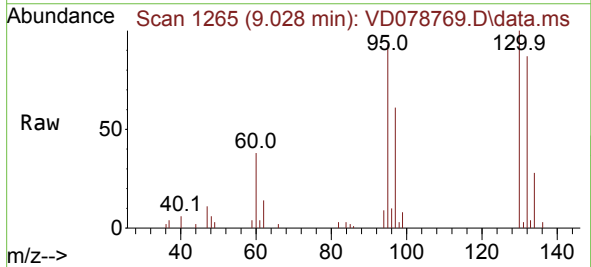


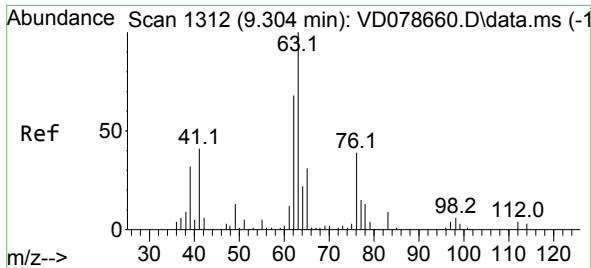
Tgt Ion:	43	Resp:	21426
Ion	Ratio	Lower	Upper
43	100		
61	36.2	30.1	45.1
87	18.8	14.4	21.6



#44
Trichloroethene
Concen: 20.124 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:	130	Resp:	28159
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 20.974 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

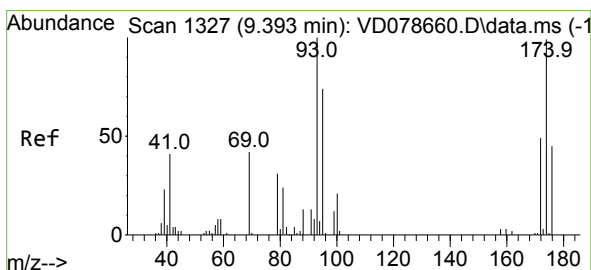
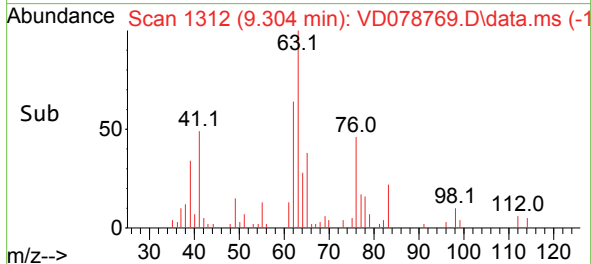
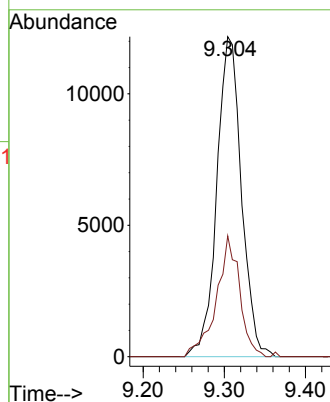
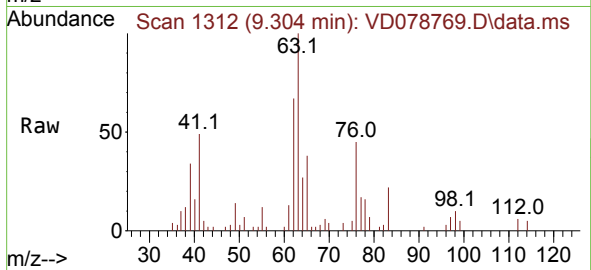
VD0328SBS01

Tgt Ion: 63 Resp: 25654

Ion Ratio Lower Upper

63 100

65 37.7 24.8 37.2#



#46

Dibromomethane

Concen: 21.342 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

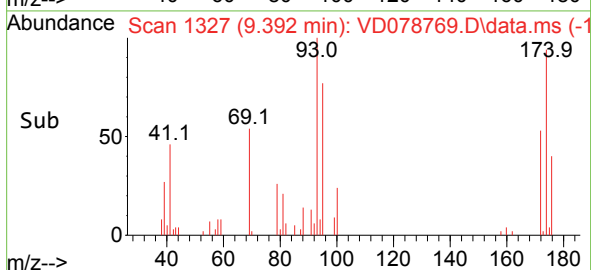
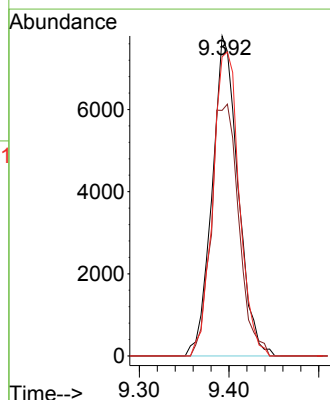
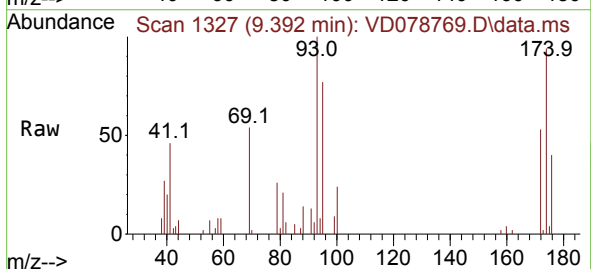
Tgt Ion: 93 Resp: 15648

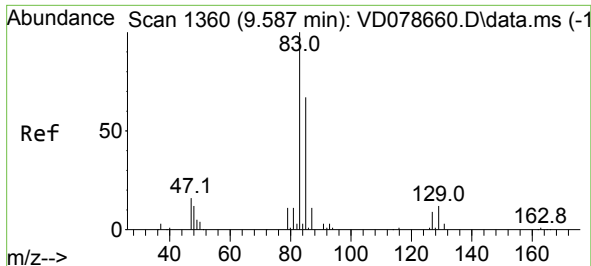
Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

174 96.6 80.9 121.3





#47

Bromodichloromethane

Concen: 22.301 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

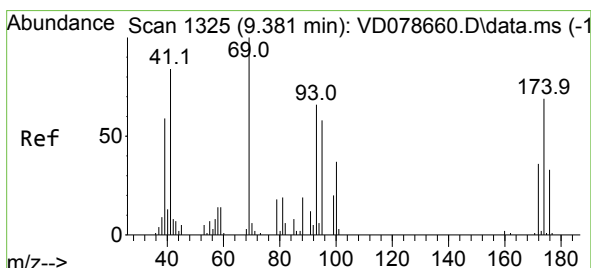
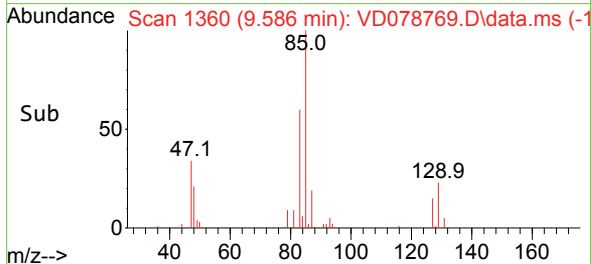
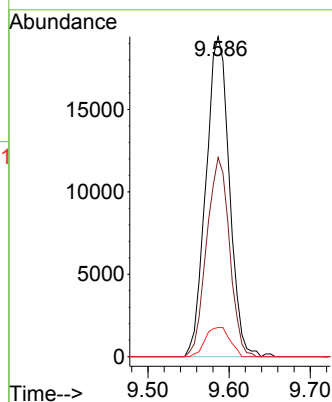
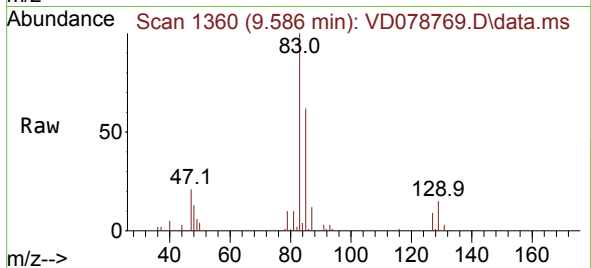
Tgt Ion: 83 Resp: 38927

Ion Ratio Lower Upper

83 100

85 62.2 54.0 81.0

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 19.557 ug/l

RT: 9.380 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

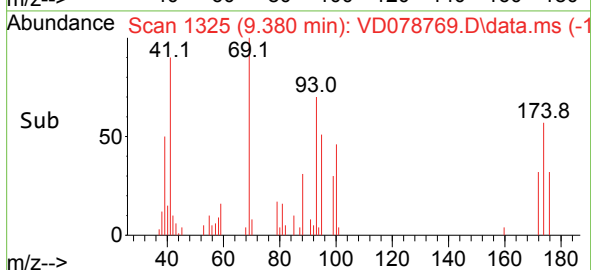
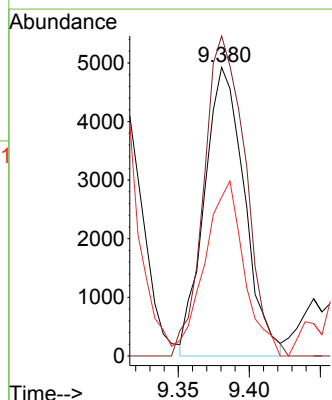
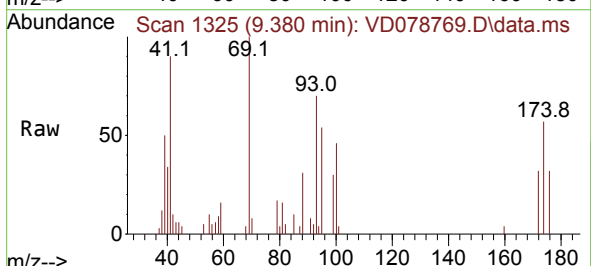
Tgt Ion: 41 Resp: 9657

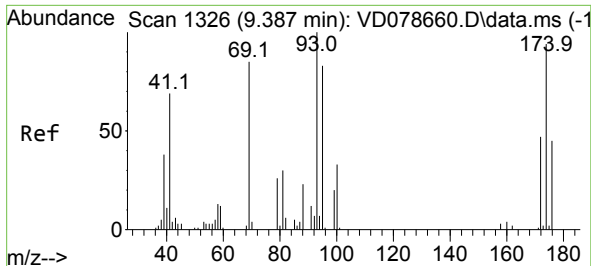
Ion Ratio Lower Upper

41 100

69 114.6 88.3 132.5

39 59.4 46.6 69.8





#49

1,4-Dioxane

Concen: 423.784 ug/l

RT: 9.380 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078769.D

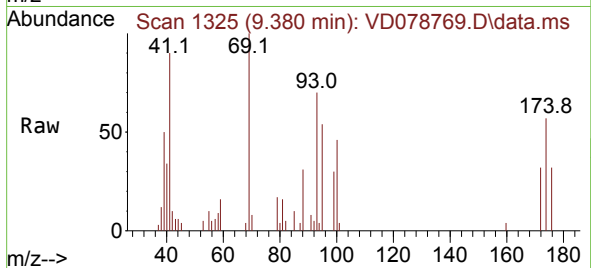
Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01



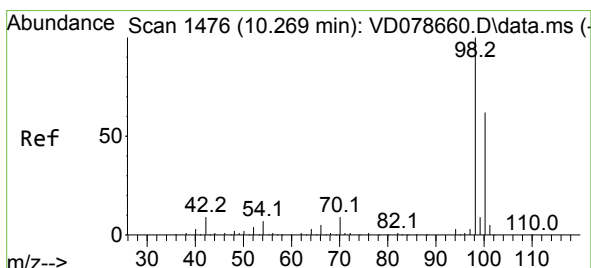
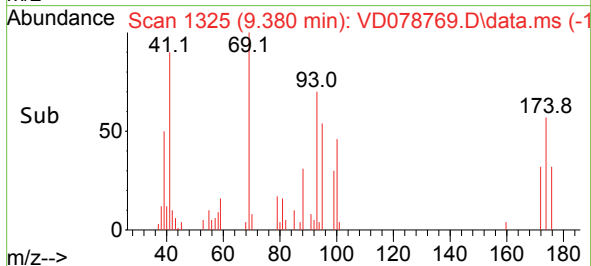
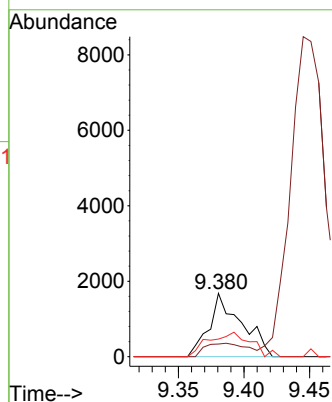
Tgt Ion: 88 Resp: 2877

Ion Ratio Lower Upper

88 100

43 27.8 23.2 34.8

58 50.5 51.0 76.6#



#50

Toluene-d8

Concen: 45.530 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078769.D

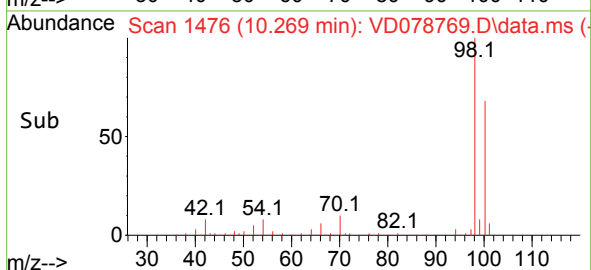
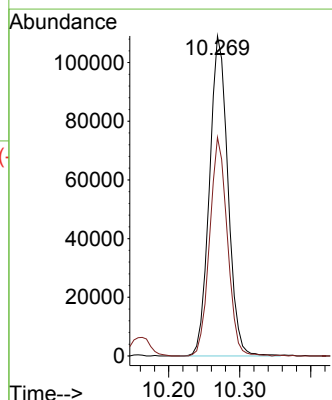
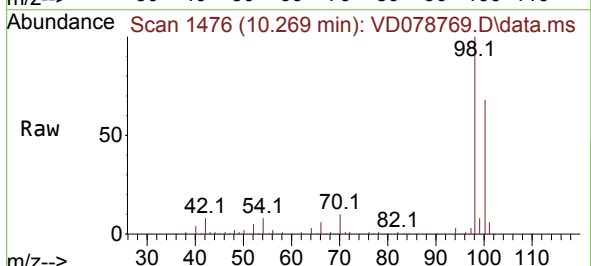
Acq: 28 Mar 2024 12:48

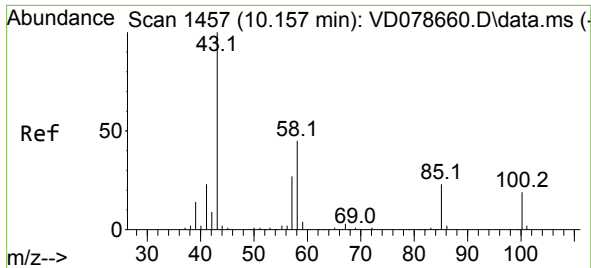
Tgt Ion: 98 Resp: 196849

Ion Ratio Lower Upper

98 100

100 65.4 50.5 75.7

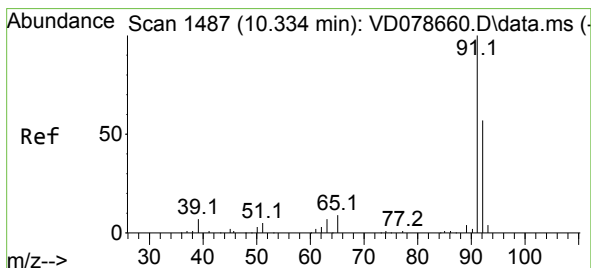
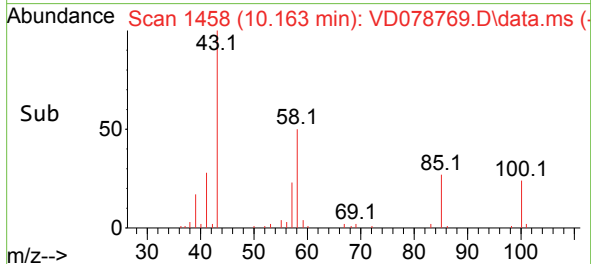
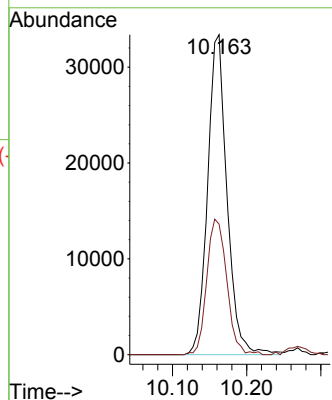
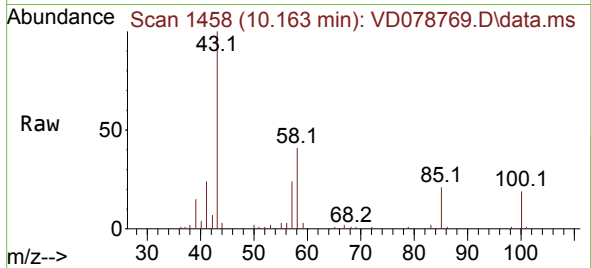




#51
4-Methyl-2-Pentanone
Concen: 114.466 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

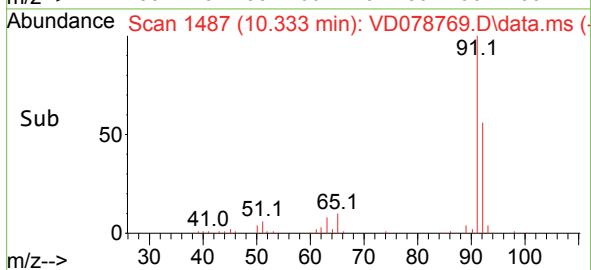
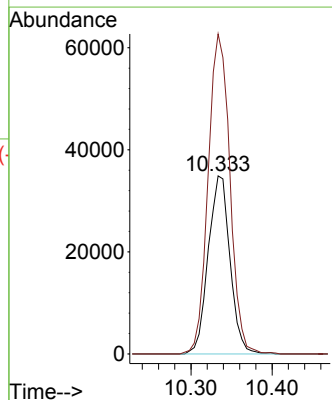
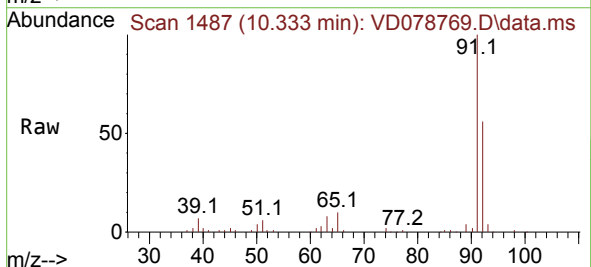
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

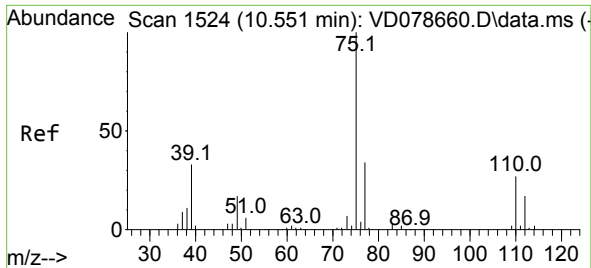
Tgt Ion: 43 Resp: 60644
Ion Ratio Lower Upper
43 100
58 43.8 36.4 54.6



#52
Toluene
Concen: 19.561 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 92 Resp: 64934
Ion Ratio Lower Upper
92 100
91 180.0 136.6 205.0

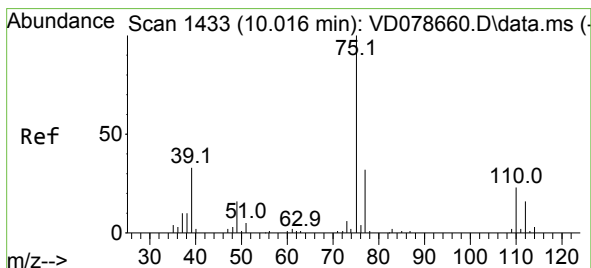
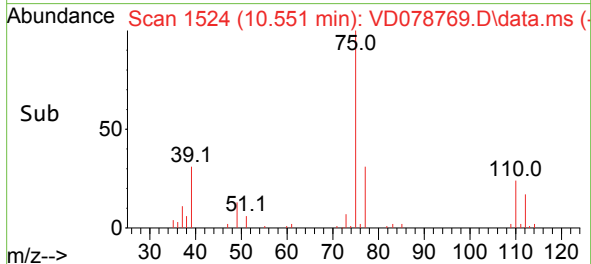
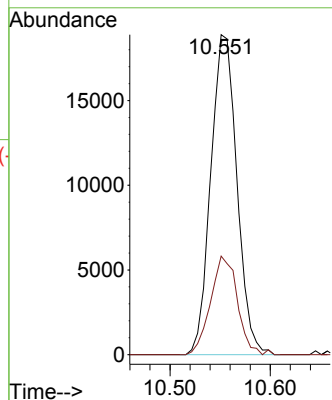
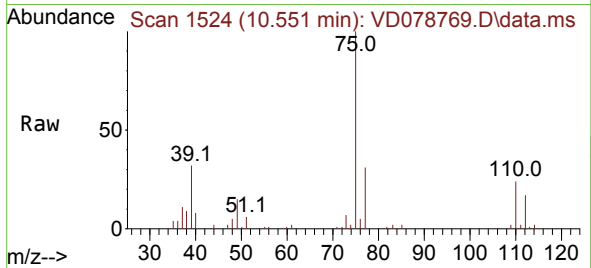




#53
 t-1,3-Dichloropropene
 Concen: 21.458 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

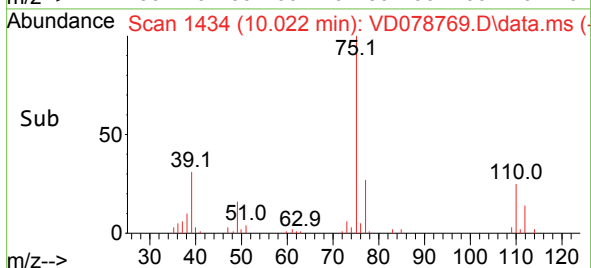
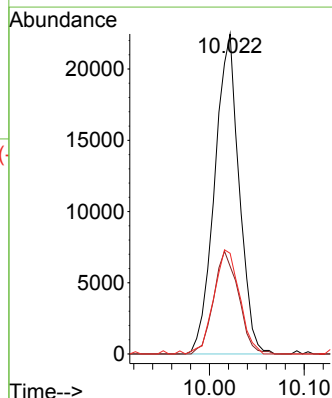
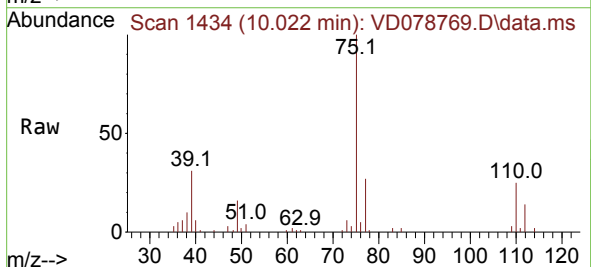
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

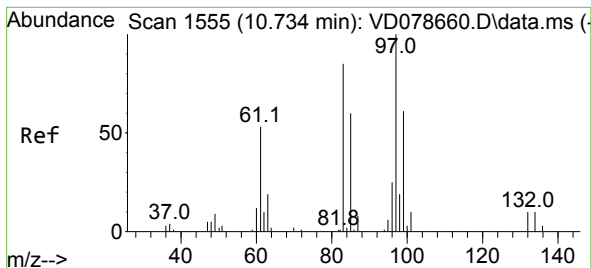
Tgt Ion: 75 Resp: 34245
 Ion Ratio Lower Upper
 75 100
 77 30.8 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.987 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.005 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

Tgt Ion: 75 Resp: 40265
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.4 38.0
 39 31.4 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 22.472 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 97 Resp: 22065

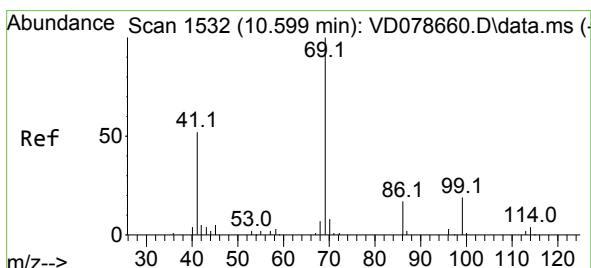
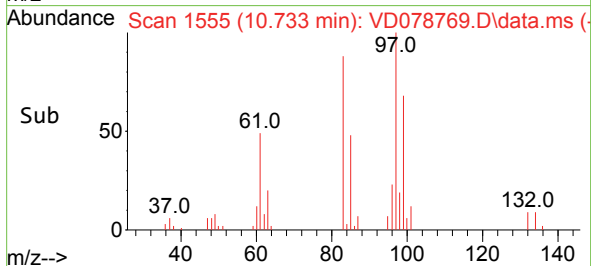
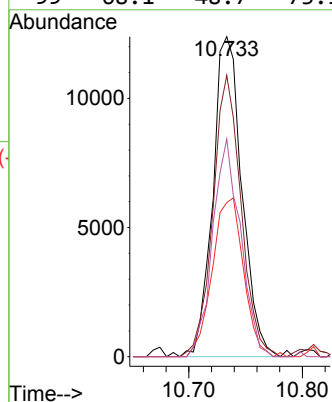
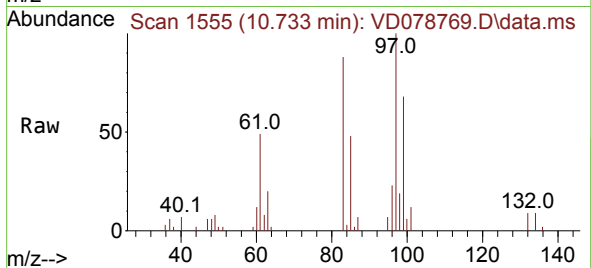
Ion Ratio Lower Upper

97 100

83 87.9 68.1 102.1

85 48.2 48.2 72.2#

99 68.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 21.243 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

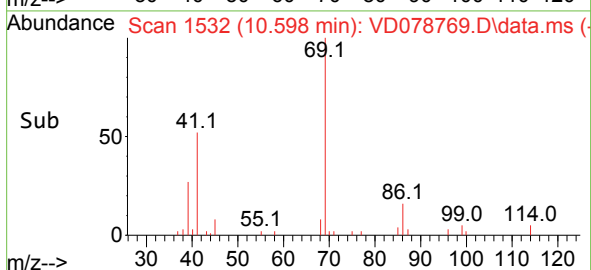
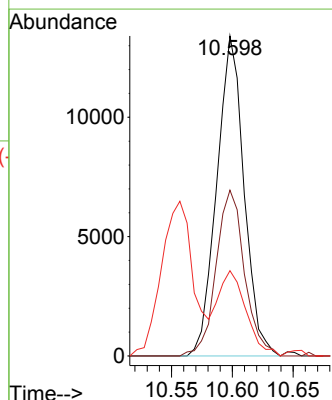
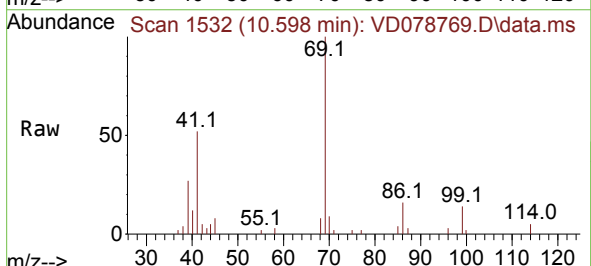
Tgt Ion: 69 Resp: 20910

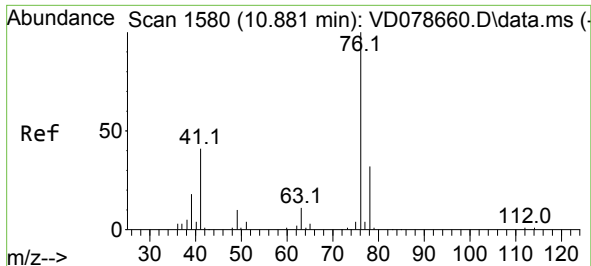
Ion Ratio Lower Upper

69 100

41 54.0 40.9 61.3

39 27.6 25.5 38.3





#57

1,3-Dichloropropane

Concen: 21.100 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

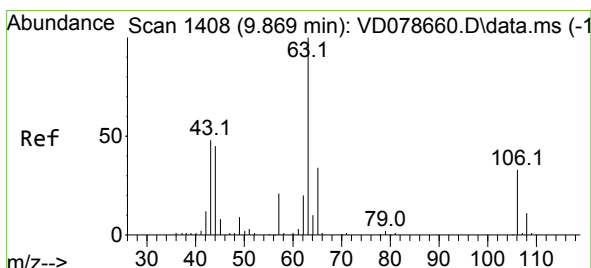
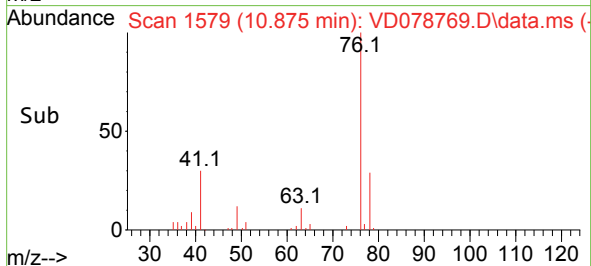
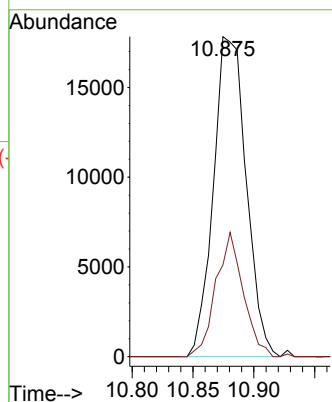
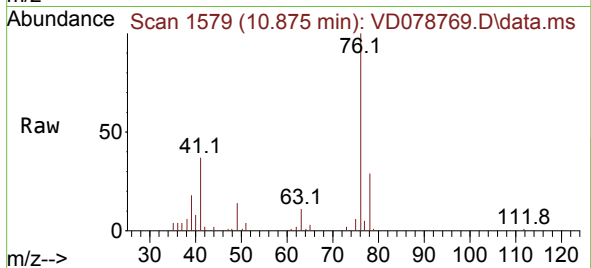
VD0328SBS01

Tgt Ion: 76 Resp: 33429

Ion Ratio Lower Upper

76 100

78 32.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 106.240 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.005 min

Lab File: VD078769.D

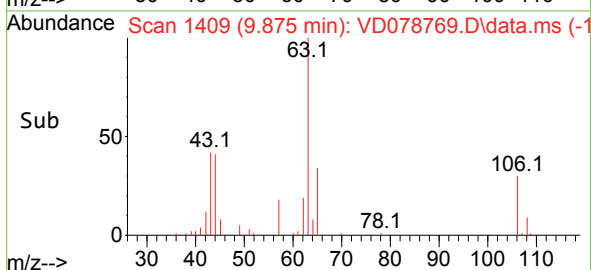
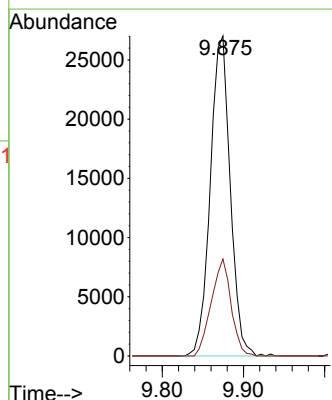
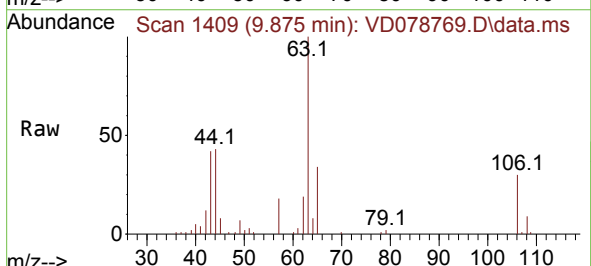
Acq: 28 Mar 2024 12:48

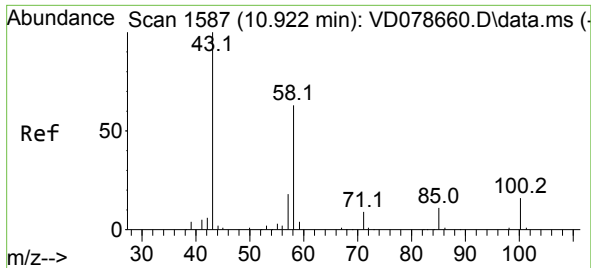
Tgt Ion: 63 Resp: 46110

Ion Ratio Lower Upper

63 100

106 30.0 25.2 37.8

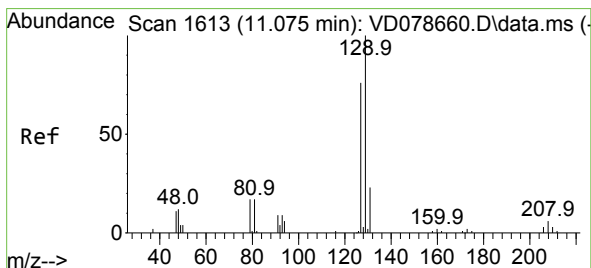
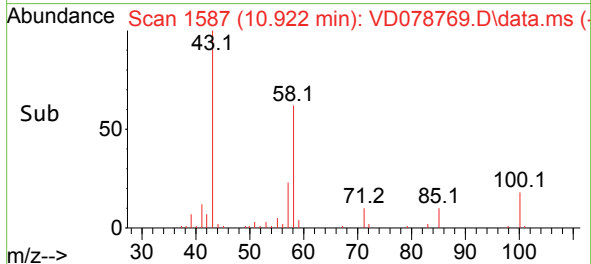
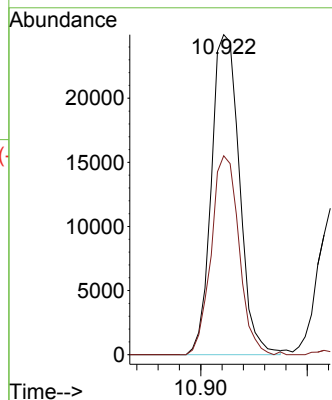
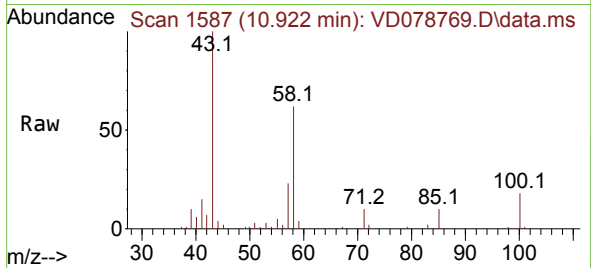




#59
2-Hexanone
Concen: 115.989 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

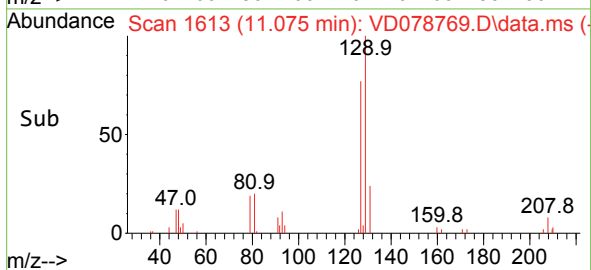
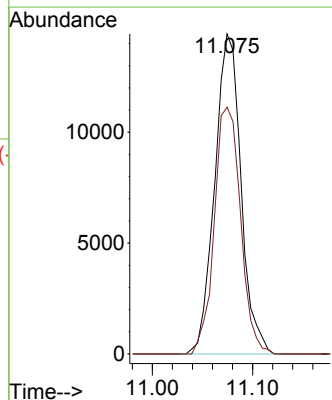
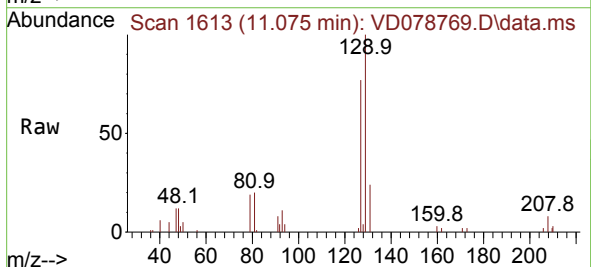
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

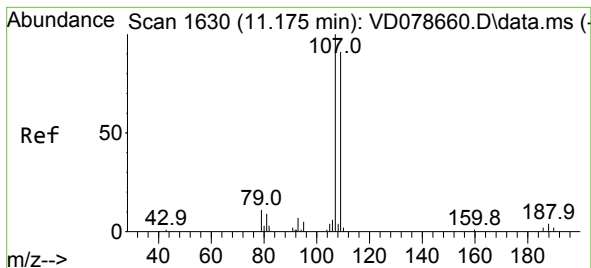
Tgt Ion: 43 Resp: 45554
Ion Ratio Lower Upper
43 100
58 61.4 31.5 94.5



#60
Dibromochloromethane
Concen: 21.644 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 129 Resp: 26208
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.544 ug/l

RT: 11.180 min Scan# 1631

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

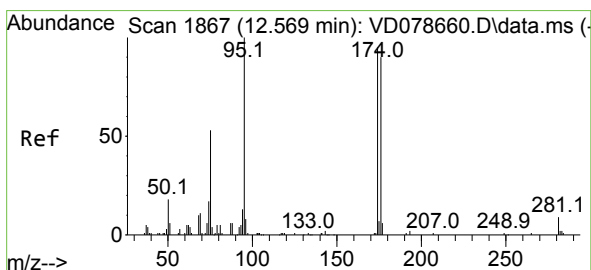
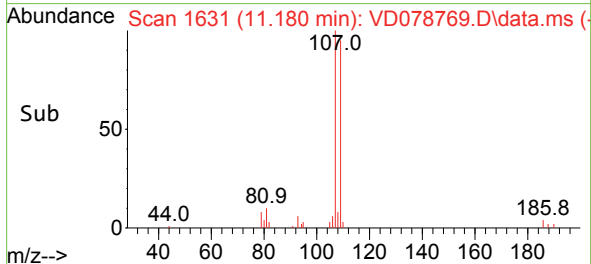
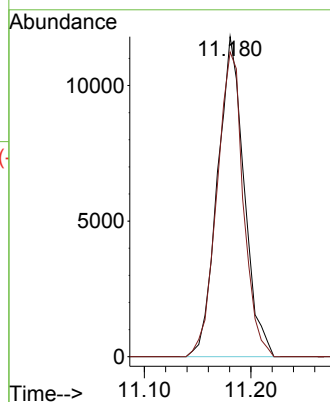
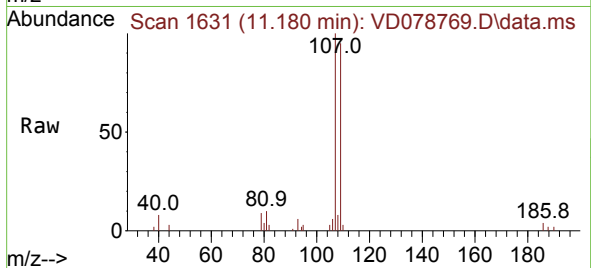
VD0328SBS01

Tgt Ion:107 Resp: 20471

Ion Ratio Lower Upper

107 100

109 94.6 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 46.779 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

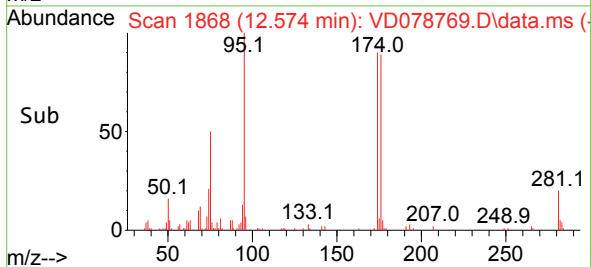
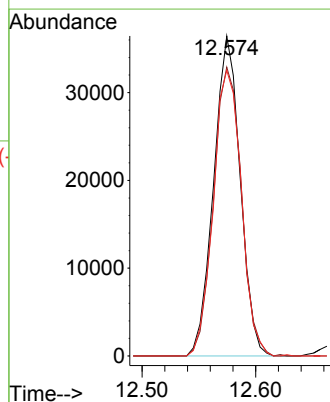
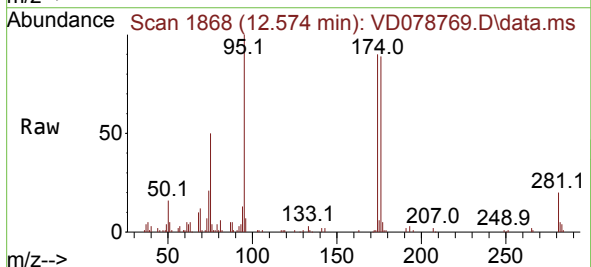
Tgt Ion: 95 Resp: 59170

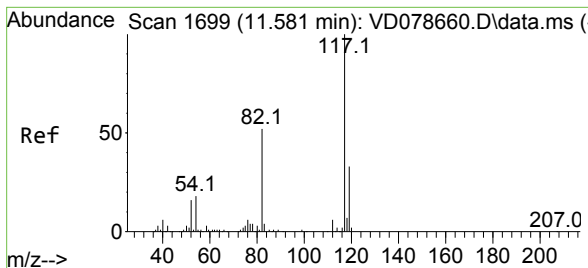
Ion Ratio Lower Upper

95 100

174 94.7 0.0 195.2

176 94.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.586 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

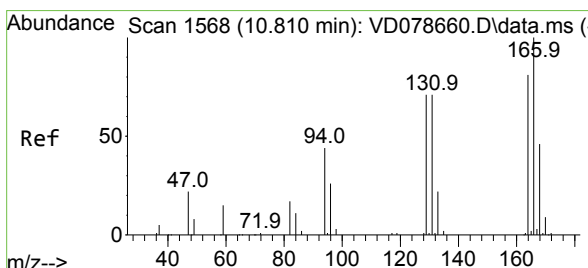
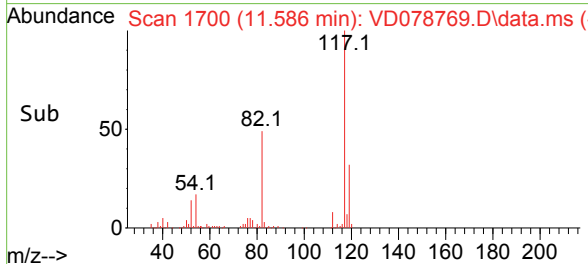
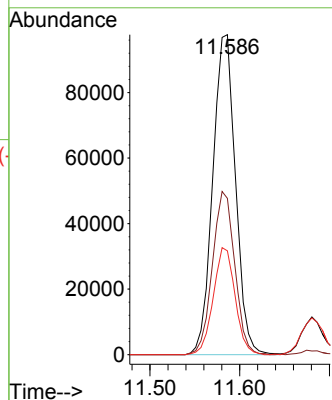
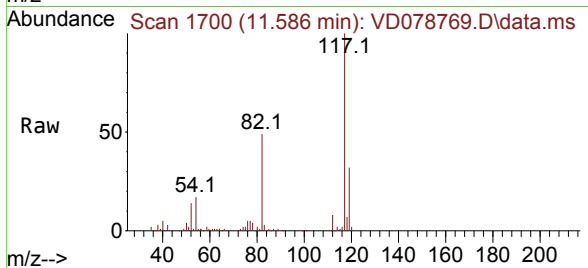
Tgt Ion:117 Resp: 171909

Ion Ratio Lower Upper

117 100

82 48.8 41.4 62.2

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 20.665 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Tgt Ion:164 Resp: 23509

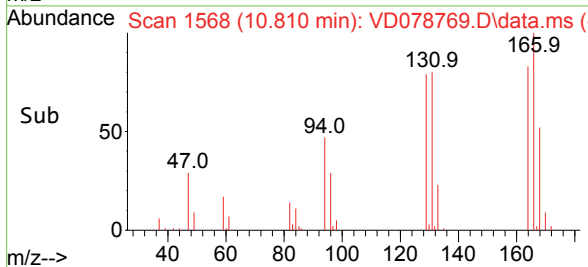
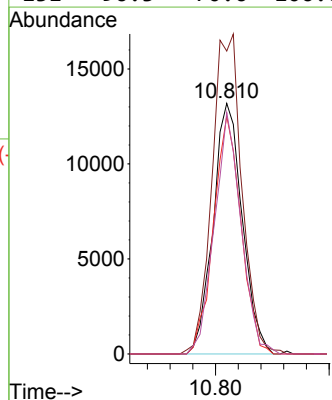
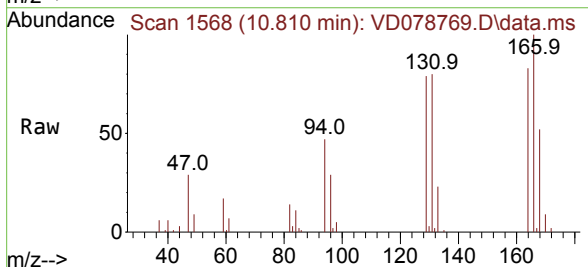
Ion Ratio Lower Upper

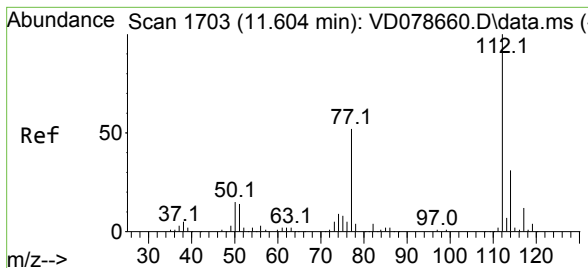
164 100

166 120.8 98.9 148.3

129 94.9 70.3 105.5

131 96.3 70.6 106.0

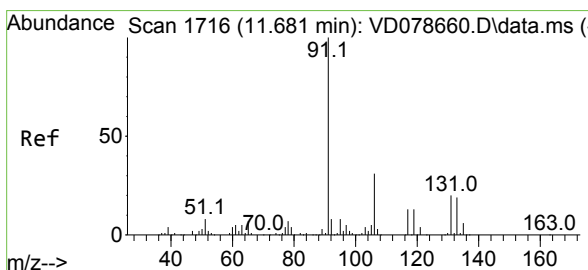
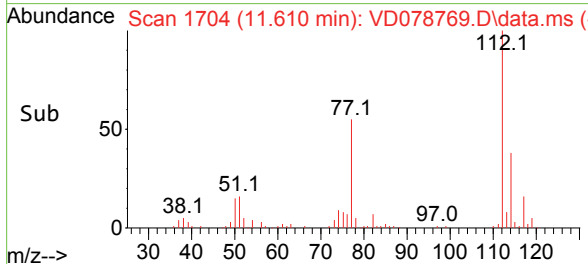
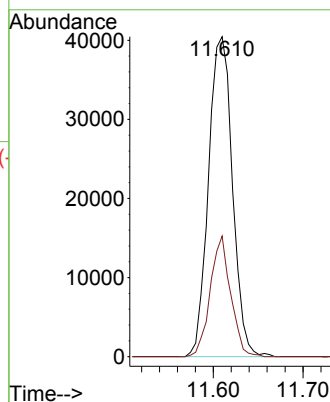
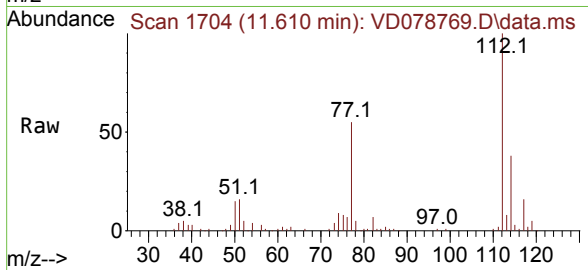




#65
Chlorobenzene
Concen: 20.867 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

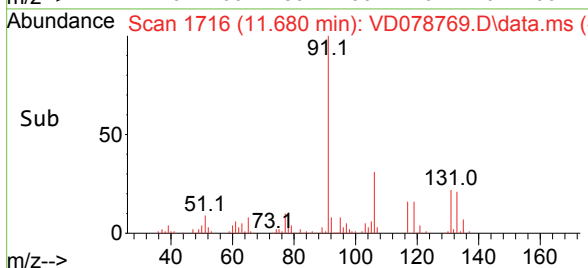
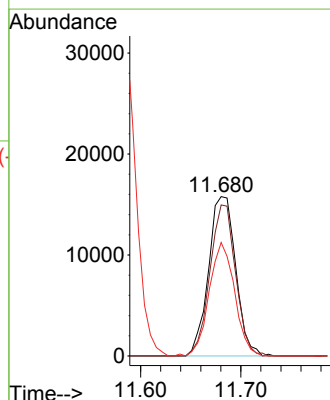
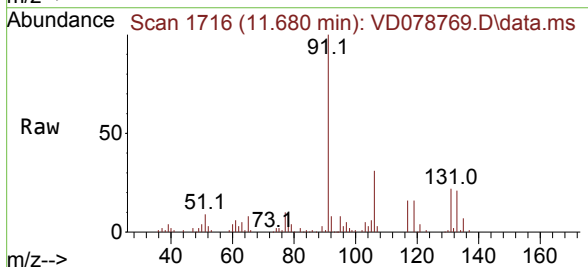
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

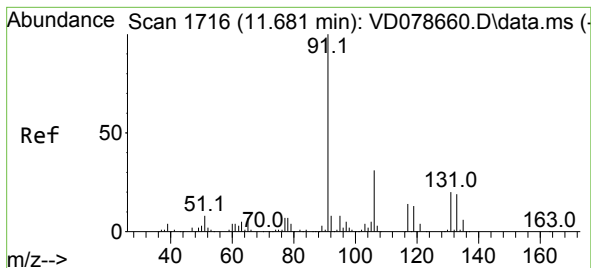
Tgt Ion:112 Resp: 74961
Ion Ratio Lower Upper
112 100
114 37.7 25.0 37.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 22.600 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:131 Resp: 29733
Ion Ratio Lower Upper
131 100
133 89.4 47.6 142.9
119 66.6 34.1 102.3





#67

Ethyl Benzene

Concen: 19.850 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

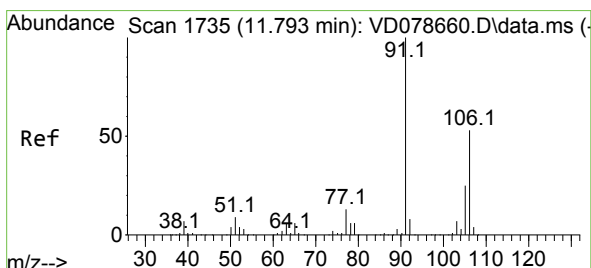
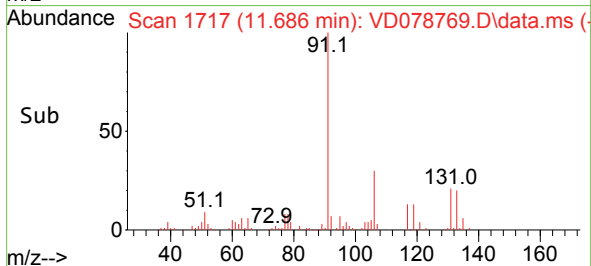
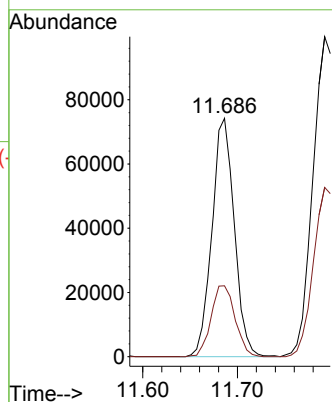
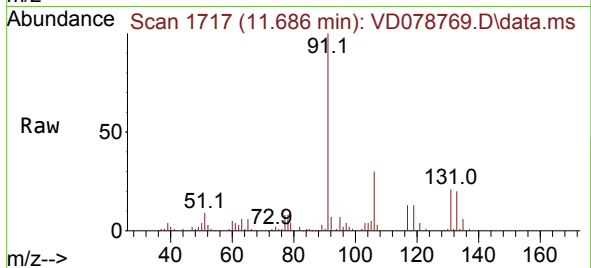
VD0328SBS01

Tgt Ion: 91 Resp: 121515

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7



#68

m/p-Xylenes

Concen: 40.199 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078769.D

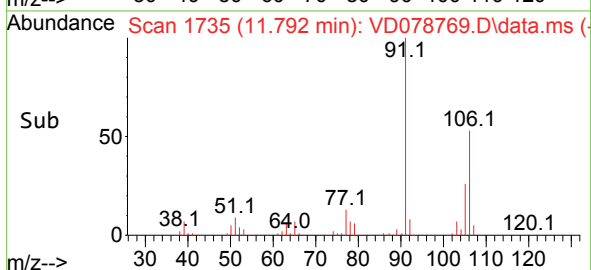
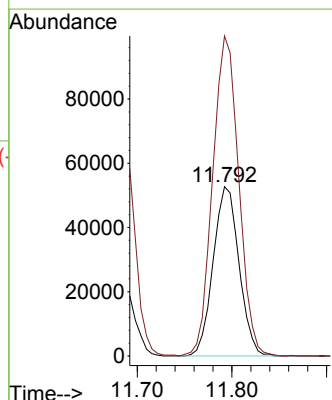
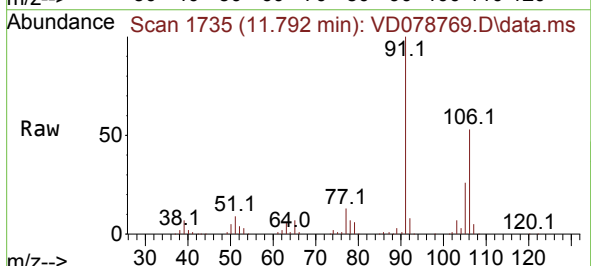
Acq: 28 Mar 2024 12:48

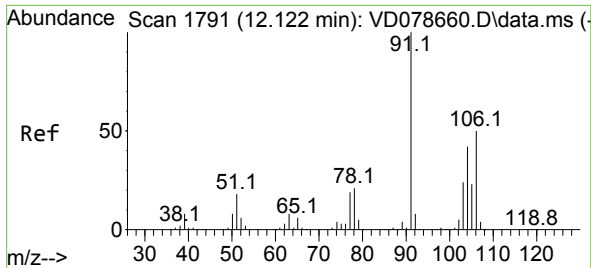
Tgt Ion:106 Resp: 99927

Ion Ratio Lower Upper

106 100

91 190.5 154.4 231.6

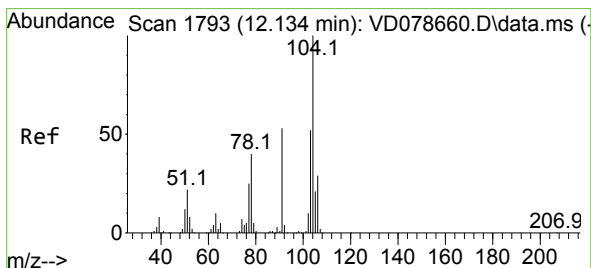
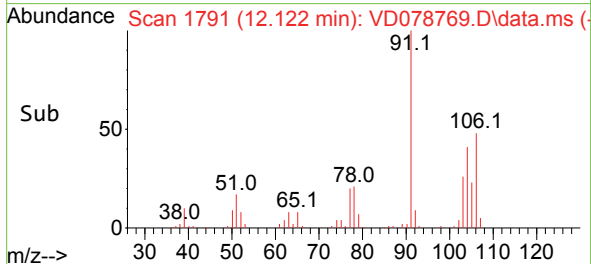
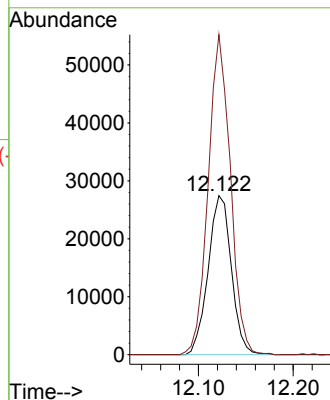
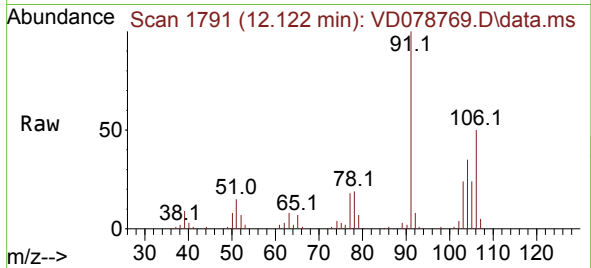




#69
o-Xylene
Concen: 20.340 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

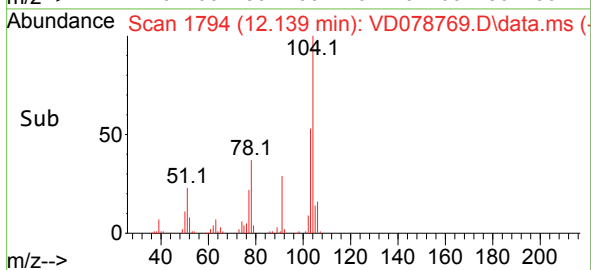
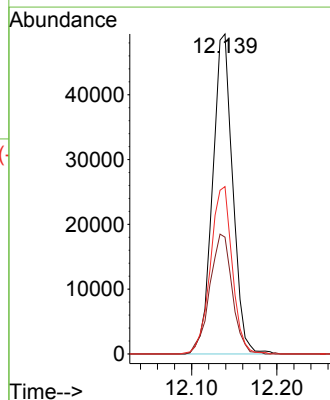
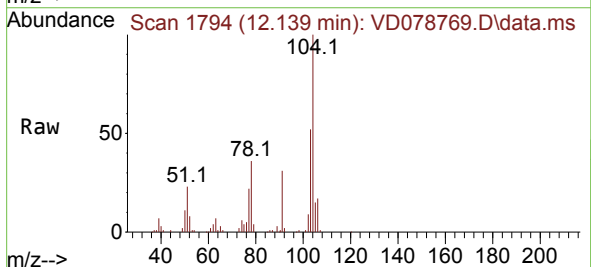
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

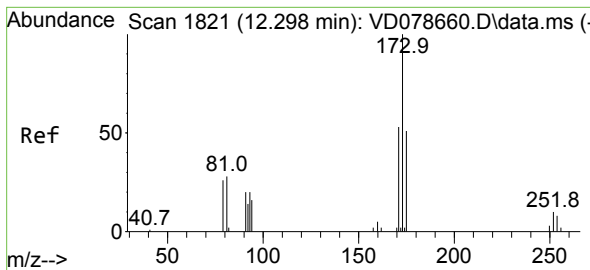
Tgt Ion:106 Resp: 46781
Ion Ratio Lower Upper
106 100
91 191.9 99.6 298.7



#70
Styrene
Concen: 20.987 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:104 Resp: 81018
Ion Ratio Lower Upper
104 100
78 41.9 34.6 52.0
103 56.5 44.2 66.2

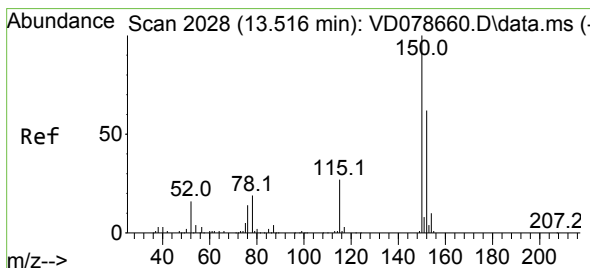
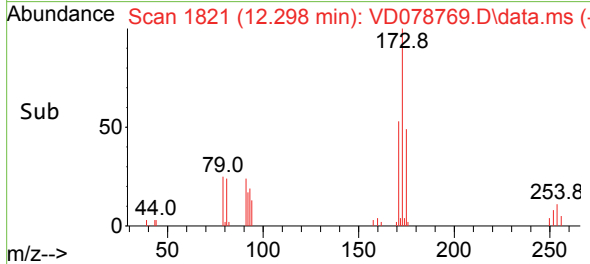
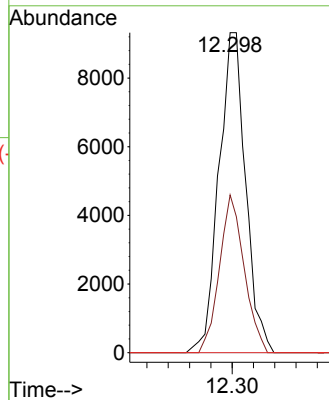
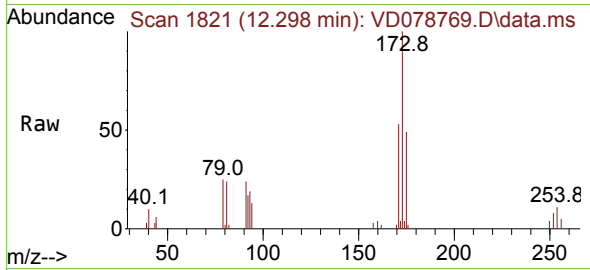




#71
Bromoform
Concen: 22.827 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

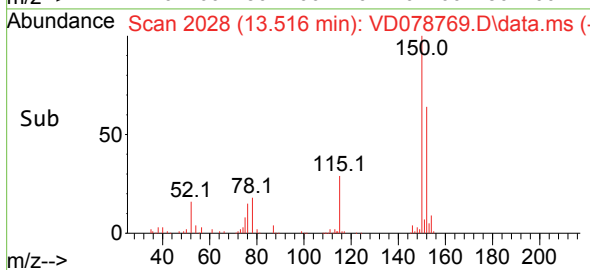
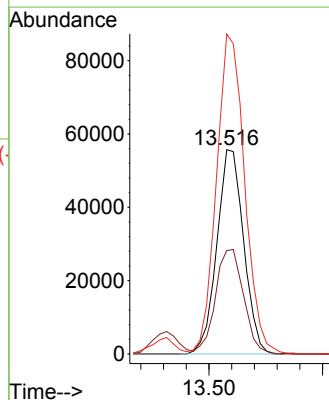
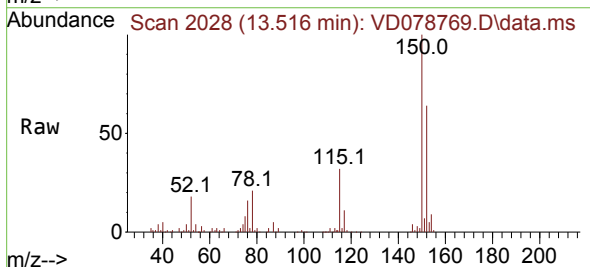
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

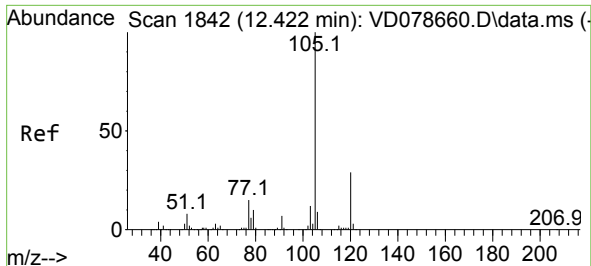
Tgt Ion:173 Resp: 16230
Ion Ratio Lower Upper
173 100
175 45.6 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion:152 Resp: 91272
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 165.0 0.0 350.2

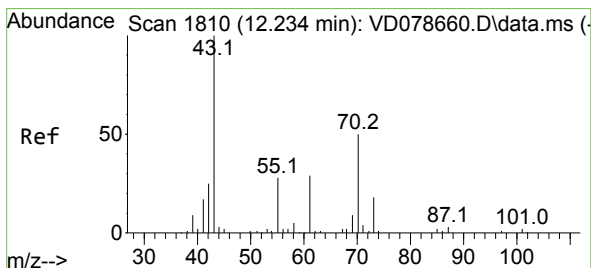
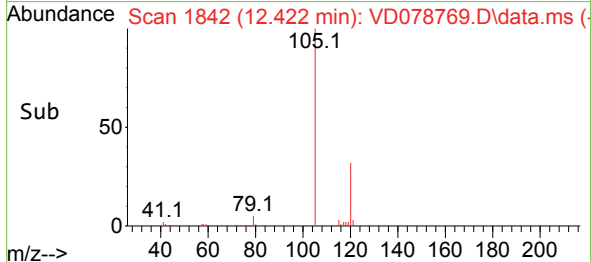
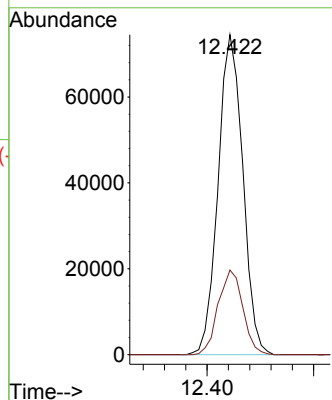
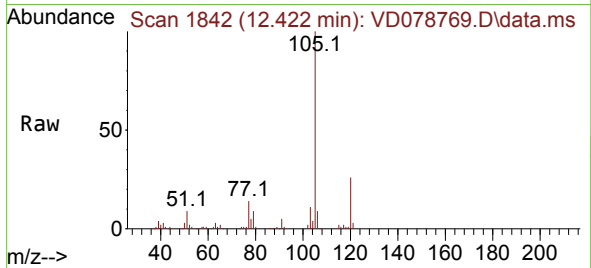




#73
Isopropylbenzene
Concen: 19.927 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

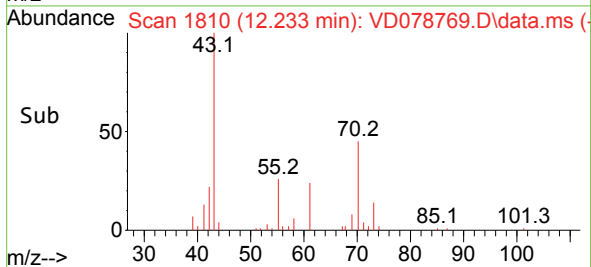
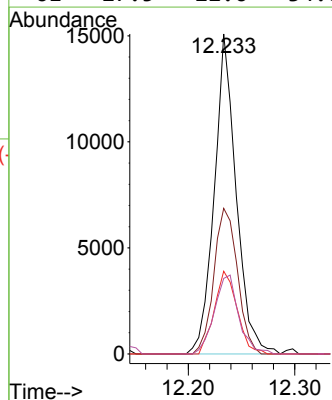
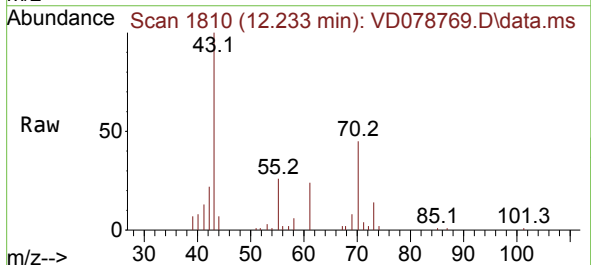
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

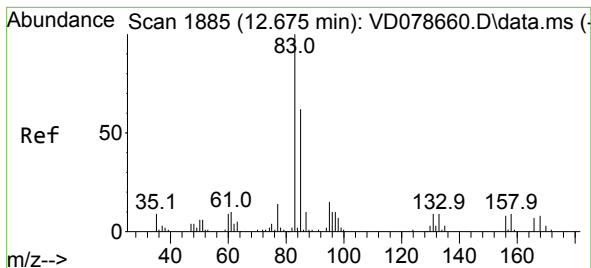
Tgt Ion:105 Resp: 119750
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 22.037 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 43 Resp: 21501
Ion Ratio Lower Upper
43 100
70 49.0 42.1 63.1
55 26.9 22.6 33.8
61 27.5 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.350 ug/l

RT: 12.674 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

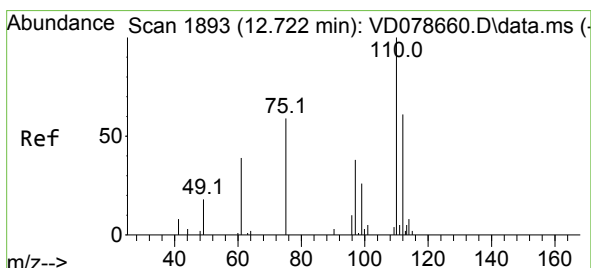
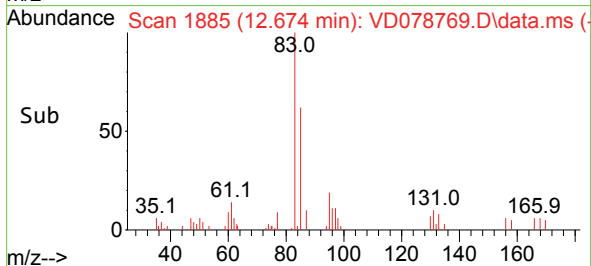
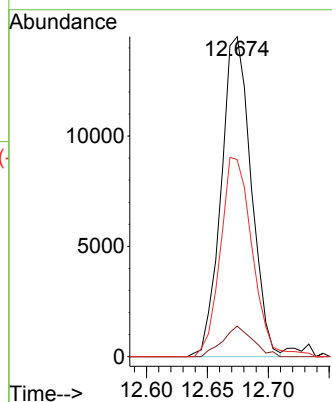
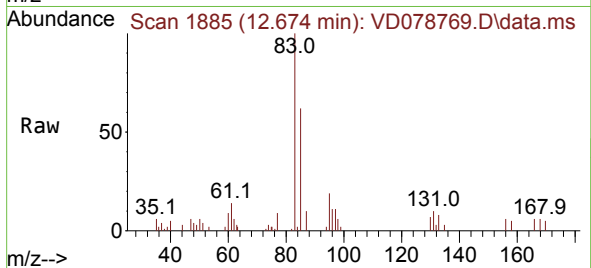
Tgt Ion: 83 Resp: 24863

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 66.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 41.208 ug/l

RT: 12.727 min Scan# 1894

Delta R.T. 0.005 min

Lab File: VD078769.D

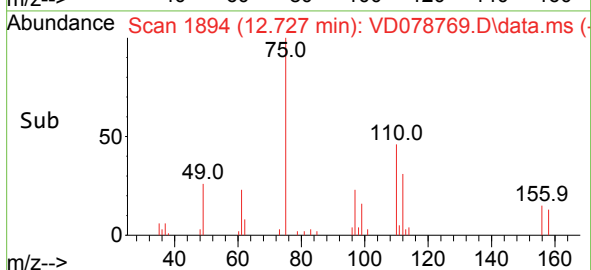
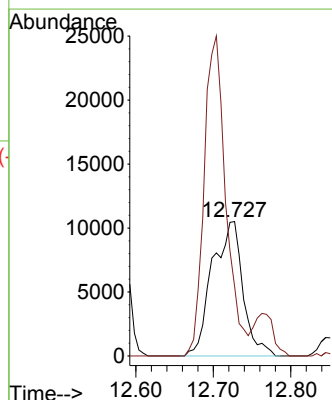
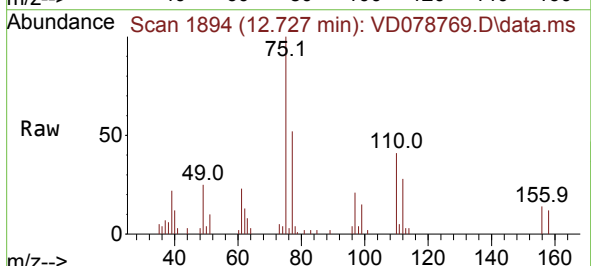
Acq: 28 Mar 2024 12:48

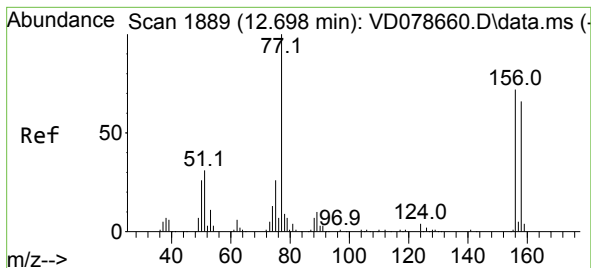
Tgt Ion: 75 Resp: 28977

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.330 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

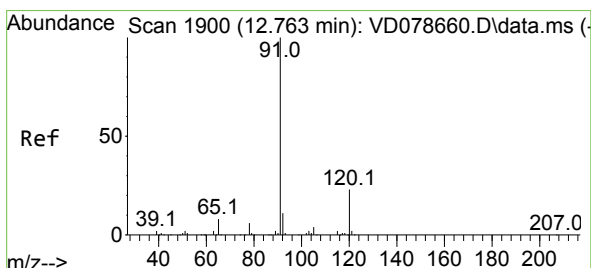
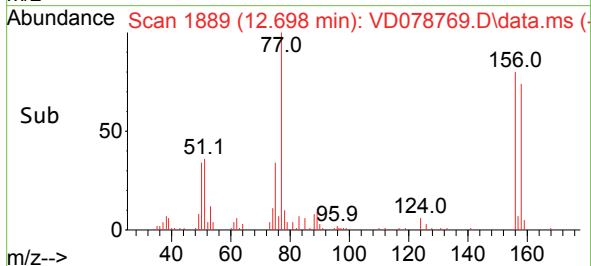
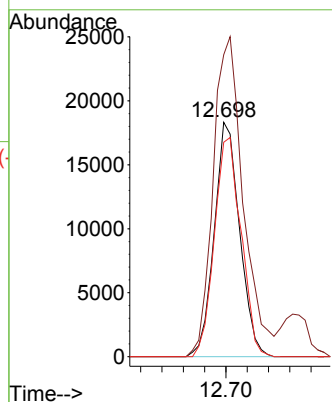
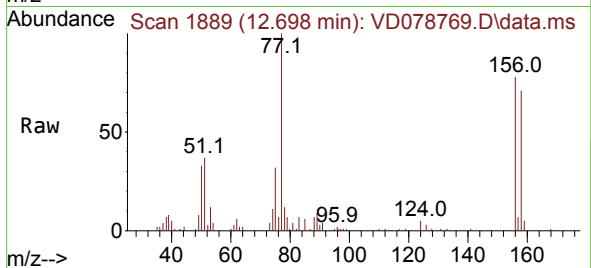
Tgt Ion:156 Resp: 30298

Ion Ratio Lower Upper

156 100

77 161.8 79.1 237.3

158 97.9 47.0 141.0



#78

n-propylbenzene

Concen: 20.942 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078769.D

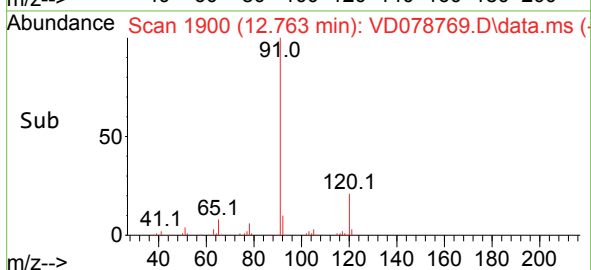
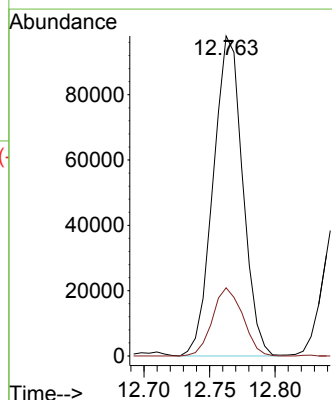
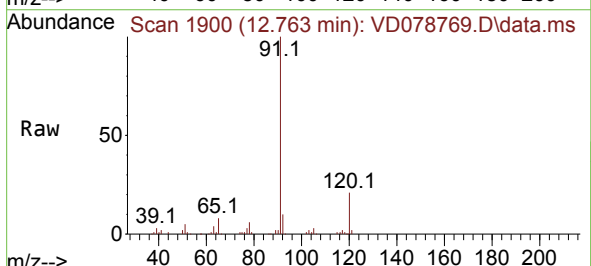
Acq: 28 Mar 2024 12:48

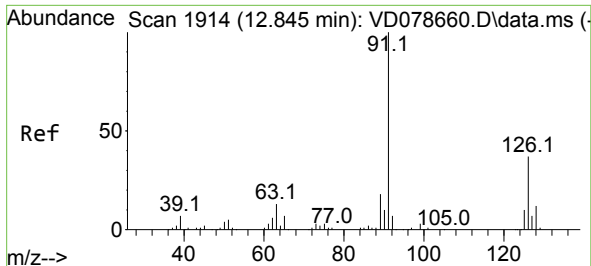
Tgt Ion: 91 Resp: 153189

Ion Ratio Lower Upper

91 100

120 21.9 11.7 35.1

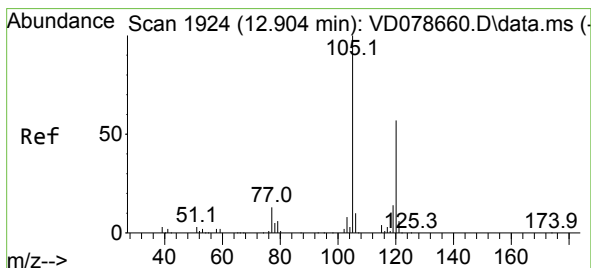
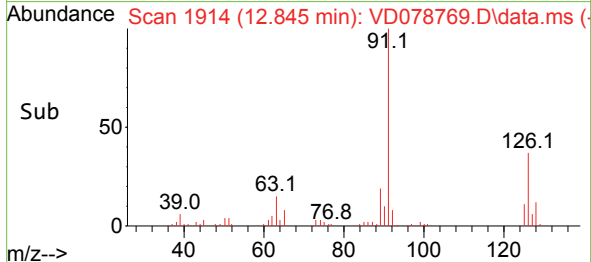
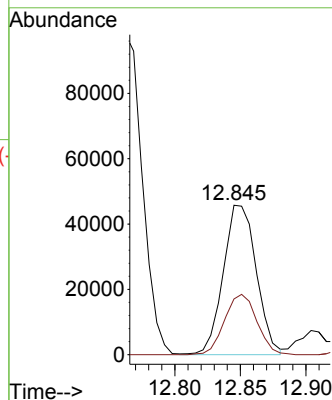
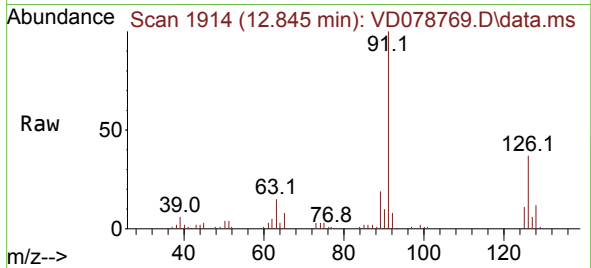




#79
2-Chlorotoluene
Concen: 20.005 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

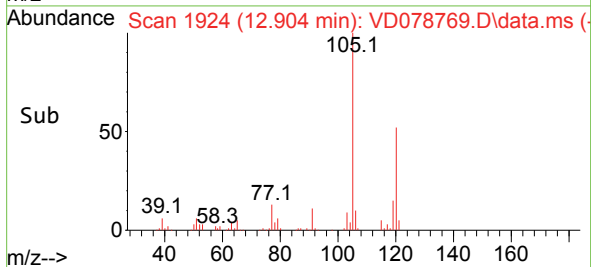
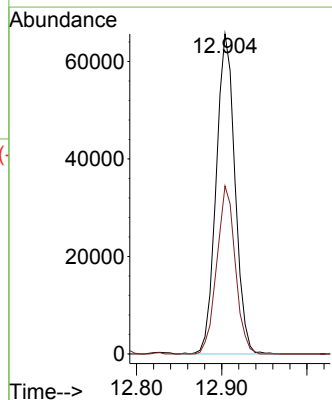
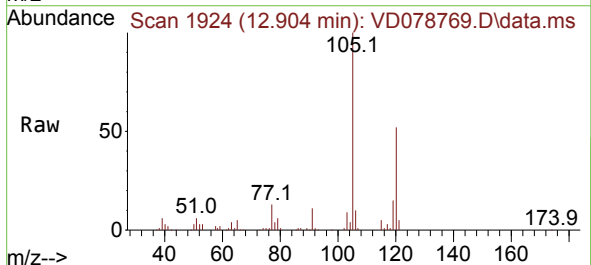
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

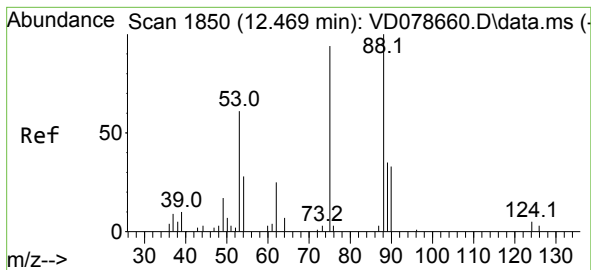
Tgt Ion: 91 Resp: 80276
Ion Ratio Lower Upper
91 100
126 39.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.258 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 105 Resp: 100670
Ion Ratio Lower Upper
105 100
120 51.6 25.9 77.7

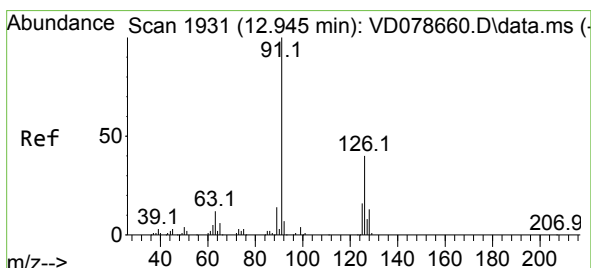
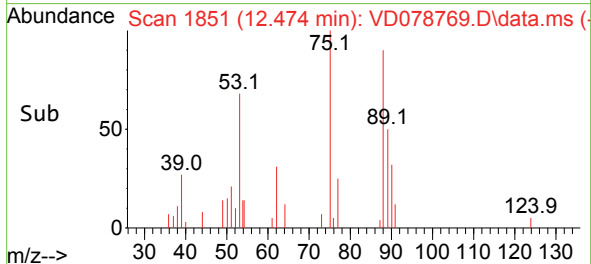
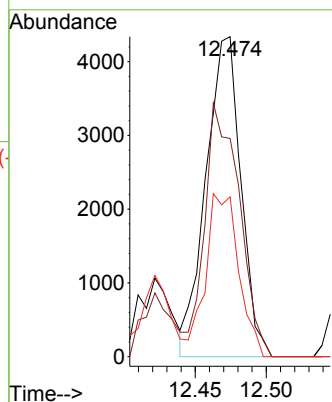
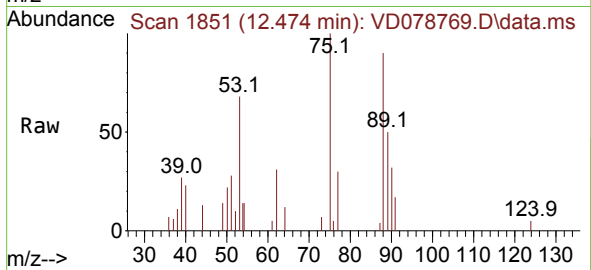




#81
trans-1,4-Dichloro-2-butene
Concen: 22.130 ug/l
RT: 12.474 min Scan# 1851
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

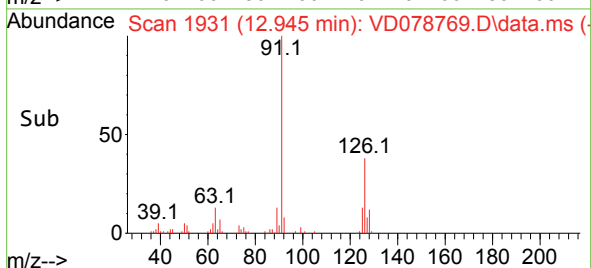
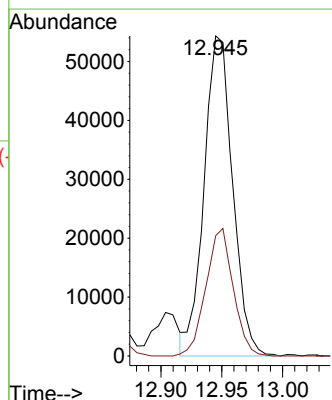
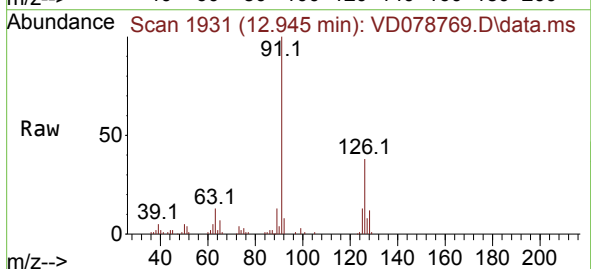
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

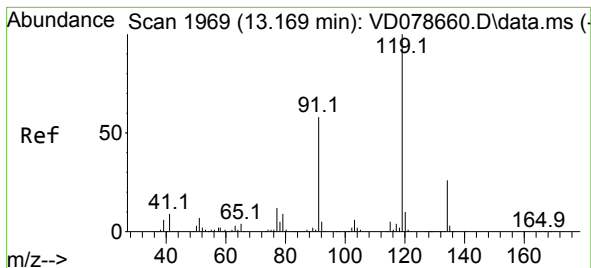
Tgt Ion: 75 Resp: 7424
Ion Ratio Lower Upper
75 100
53 78.9 61.0 91.6
89 47.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.945 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 91 Resp: 88900
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.5





#83

tert-Butylbenzene

Concen: 20.550 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

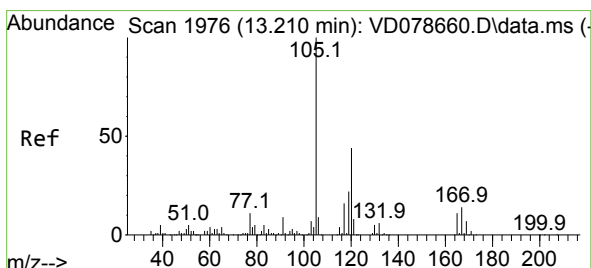
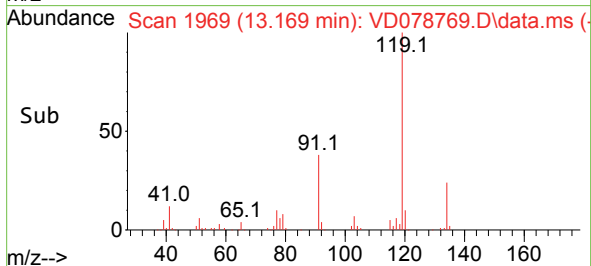
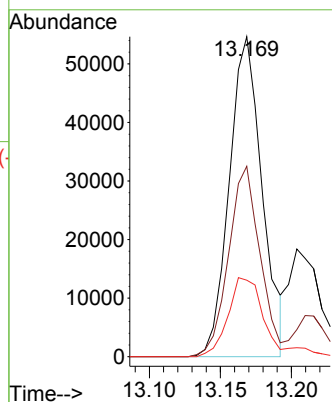
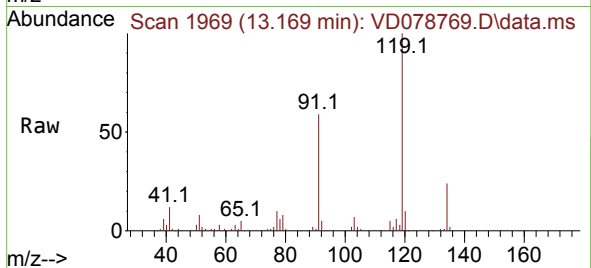
Tgt Ion:119 Resp: 88057

Ion Ratio Lower Upper

119 100

91 56.8 28.9 86.7

134 27.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.484 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.005 min

Lab File: VD078769.D

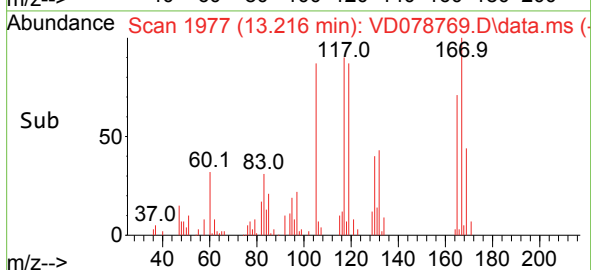
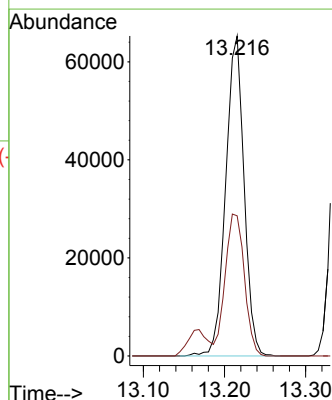
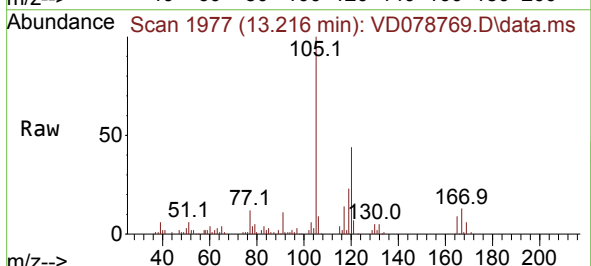
Acq: 28 Mar 2024 12:48

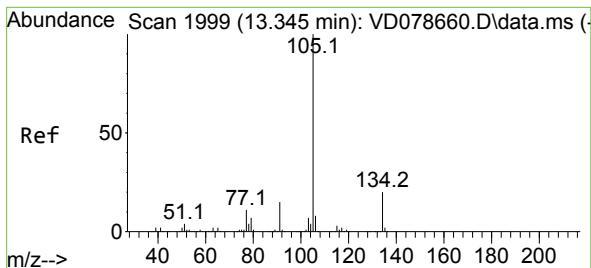
Tgt Ion:105 Resp: 102583

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.236 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

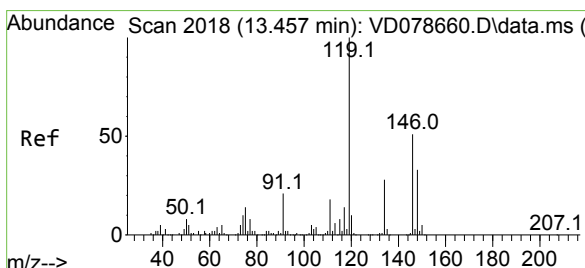
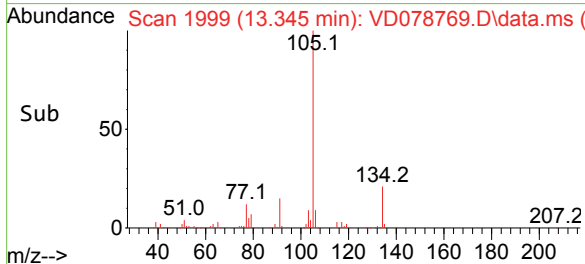
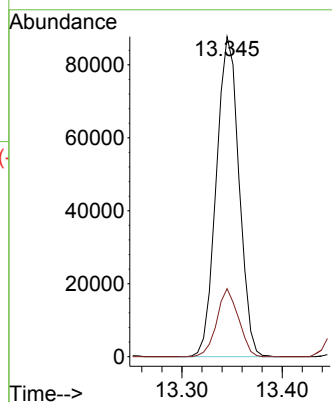
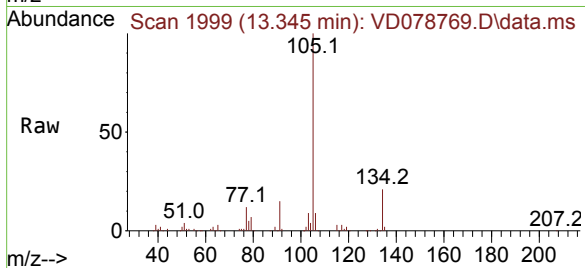
VD0328SBS01

Tgt Ion:105 Resp: 137707

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.554 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

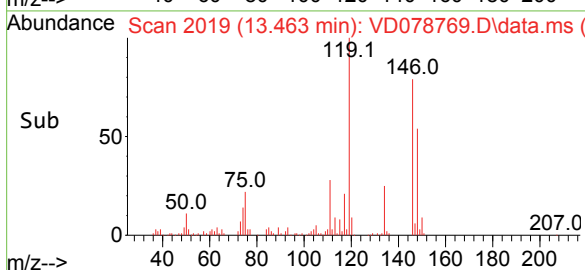
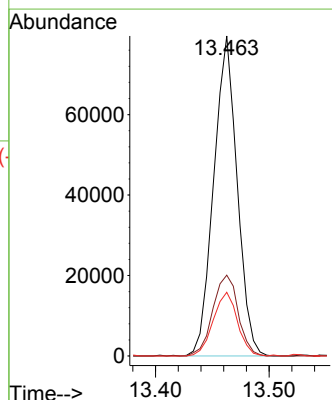
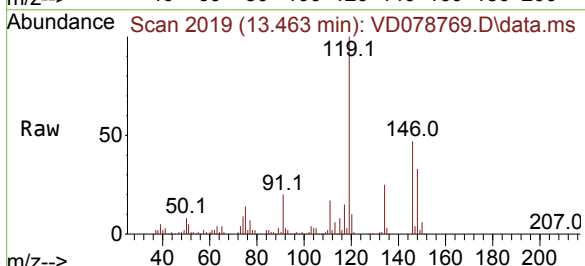
Tgt Ion:119 Resp: 114098

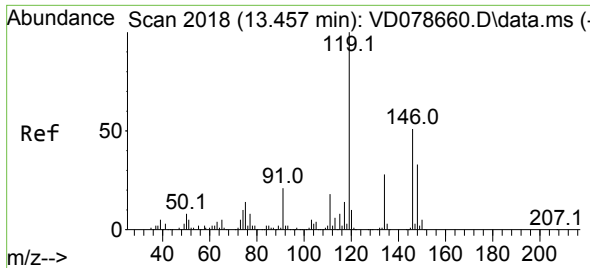
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 20.6 10.4 31.2

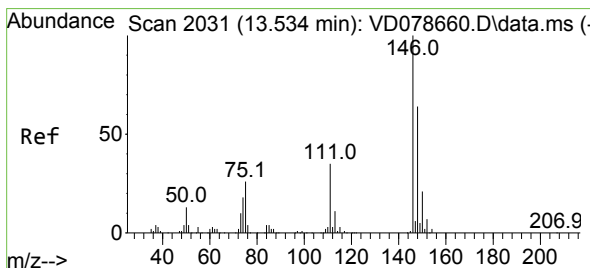
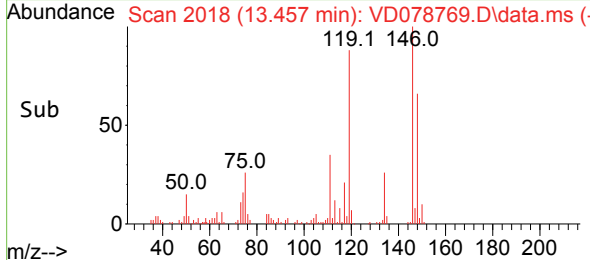
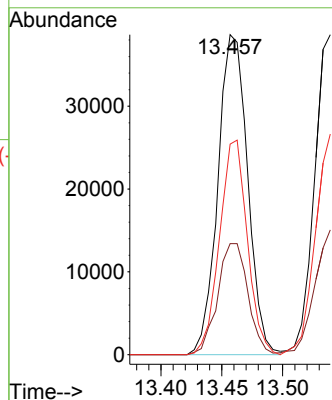
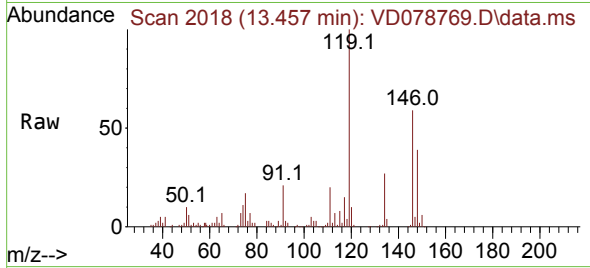




#87
 1,3-Dichlorobenzene
 Concen: 20.906 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

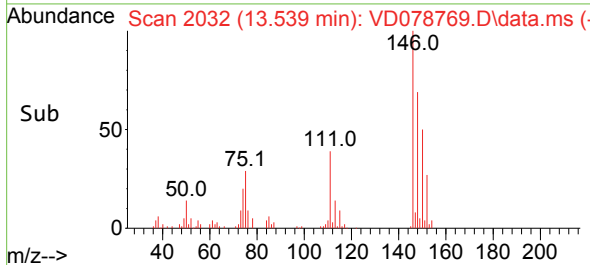
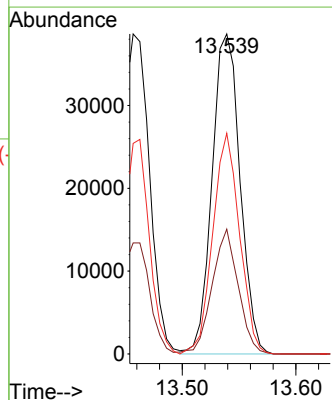
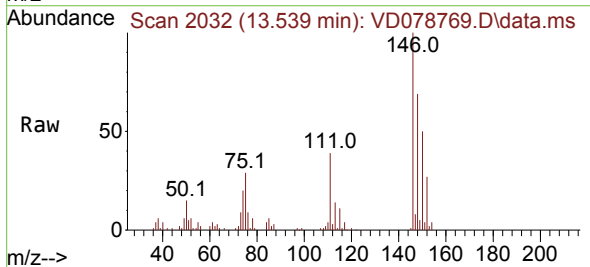
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

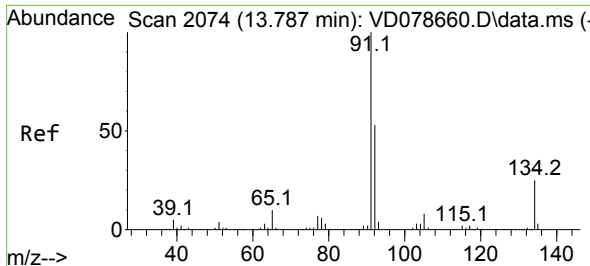
Tgt Ion:146 Resp: 65747
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.2 54.6
 148 62.7 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 21.368 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.005 min
 Lab File: VD078769.D
 Acq: 28 Mar 2024 12:48

Tgt Ion:146 Resp: 66227
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.8 53.3
 148 65.9 32.4 97.0

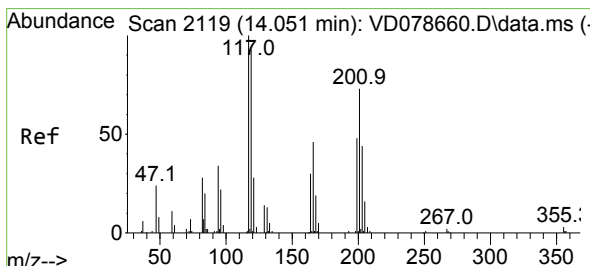
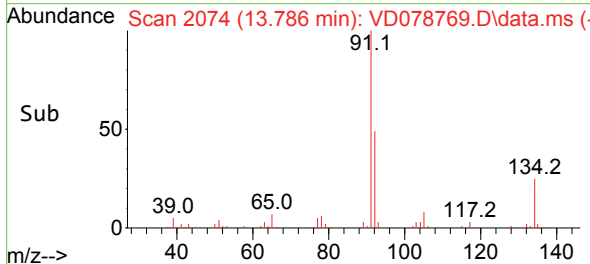
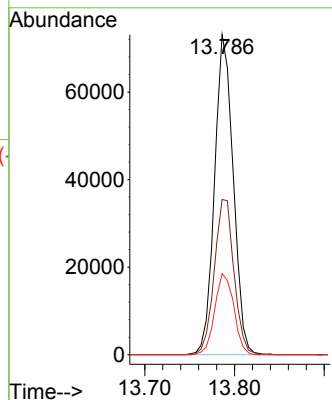
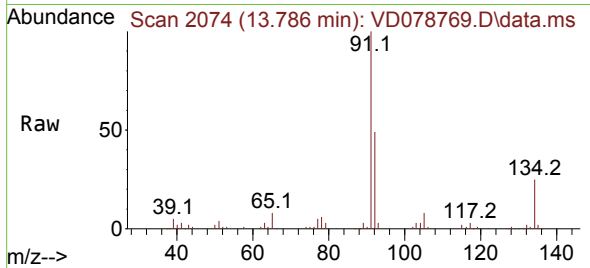




#89
n-Butylbenzene
Concen: 21.094 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

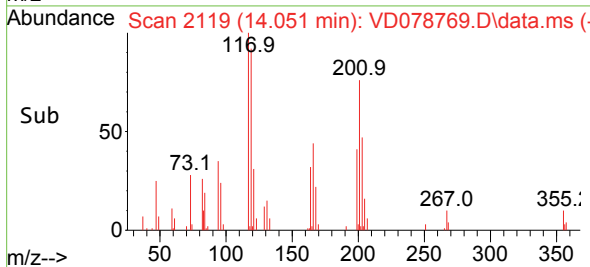
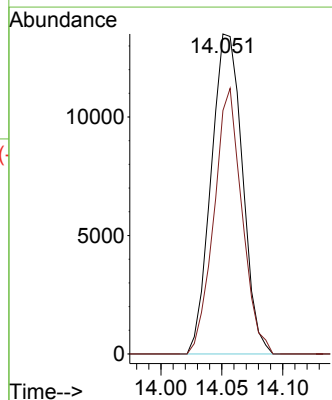
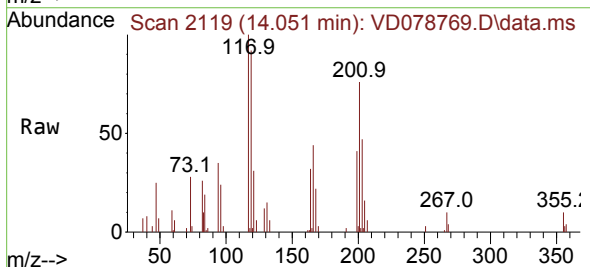
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

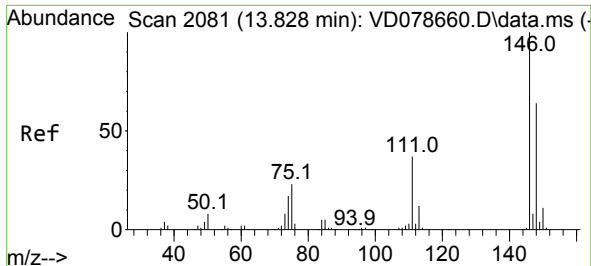
Tgt Ion: 91 Resp: 105753
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 21.019 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 117 Resp: 24143
Ion Ratio Lower Upper
117 100
201 74.5 36.2 108.6

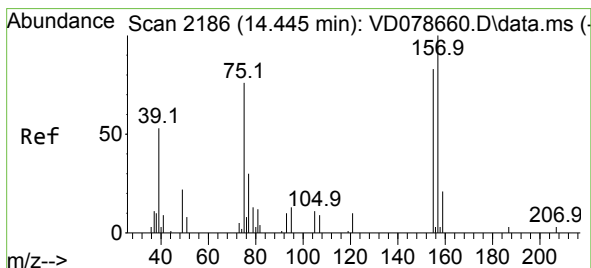
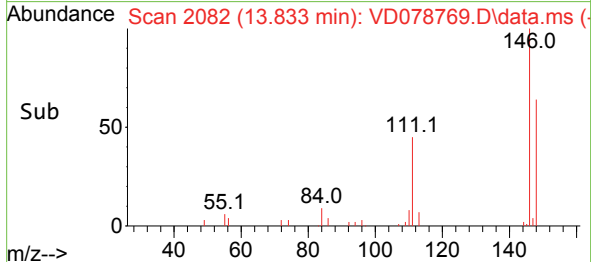
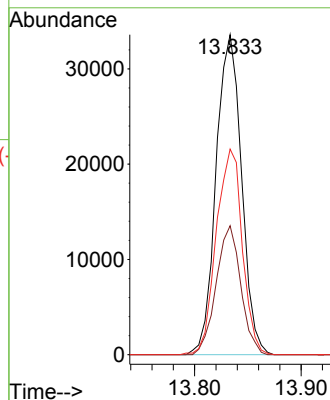
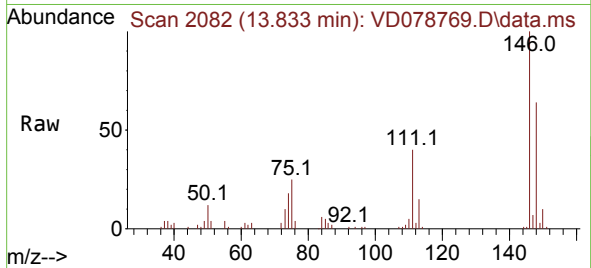




#91
1,2-Dichlorobenzene
Concen: 20.555 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

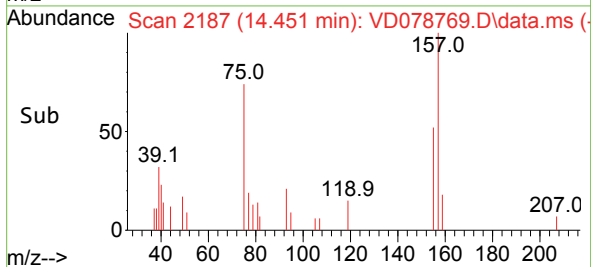
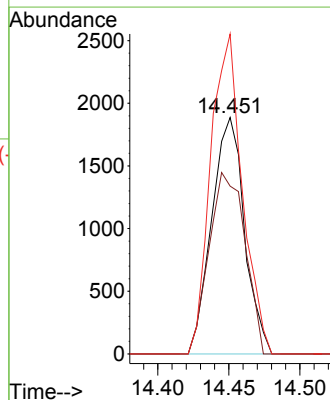
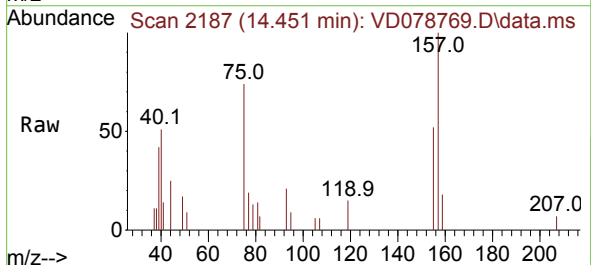
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

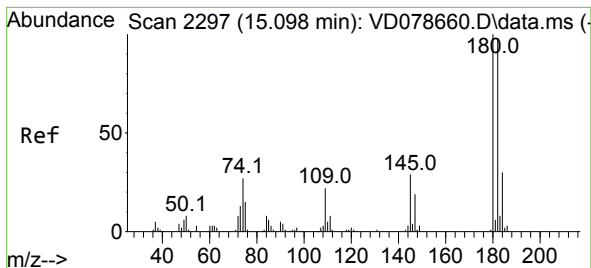
Tgt Ion:146 Resp: 55675
Ion Ratio Lower Upper
146 100
111 38.9 18.6 56.0
148 65.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.307 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion: 75 Resp: 3022
Ion Ratio Lower Upper
75 100
155 84.3 49.8 149.3
157 130.7 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 20.023 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.005 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

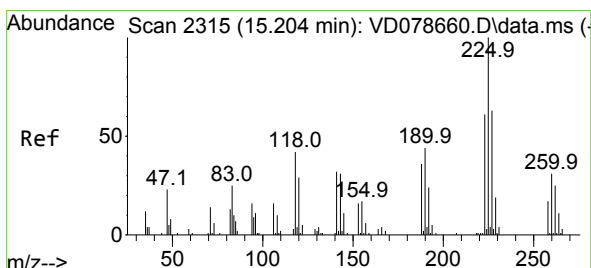
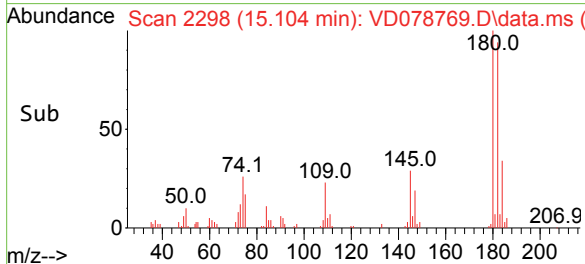
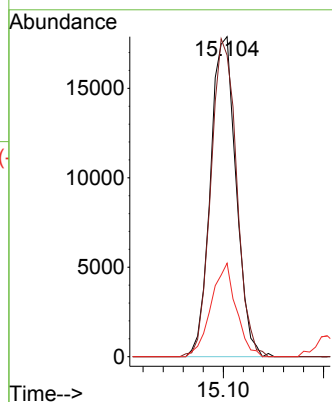
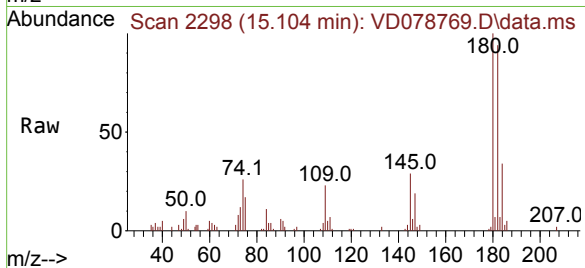
Tgt Ion:180 Resp: 31652

Ion Ratio Lower Upper

180 100

182 99.3 49.7 149.1

145 28.6 14.6 44.0



#94

Hexachlorobutadiene

Concen: 21.371 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078769.D

Acq: 28 Mar 2024 12:48

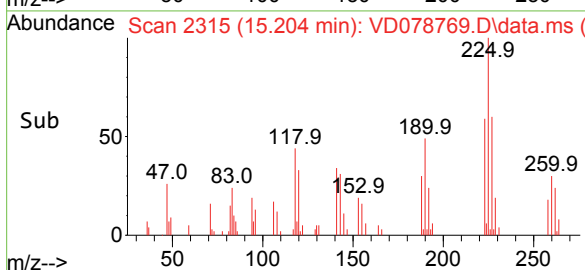
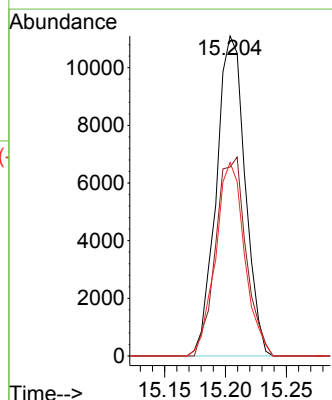
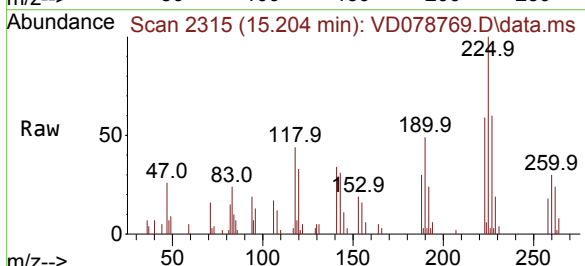
Tgt Ion:225 Resp: 18289

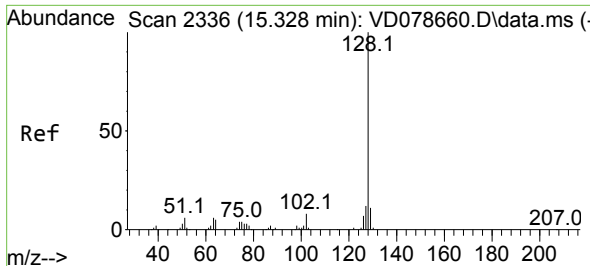
Ion Ratio Lower Upper

225 100

223 65.4 31.9 95.7

227 61.1 32.0 96.0

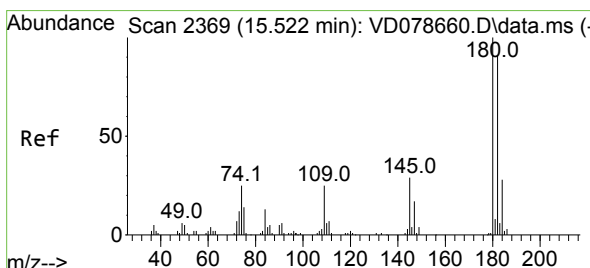
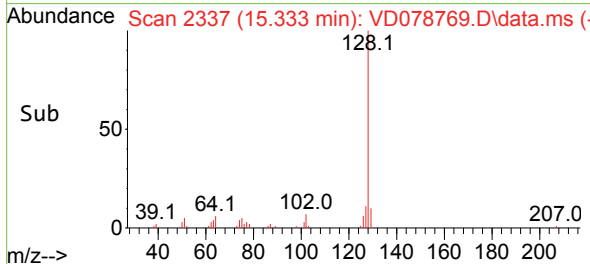
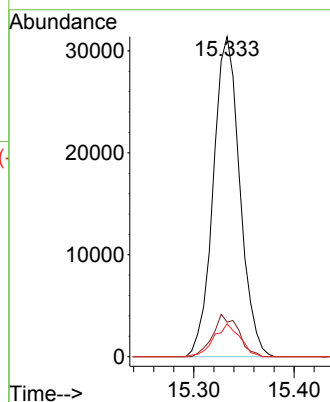
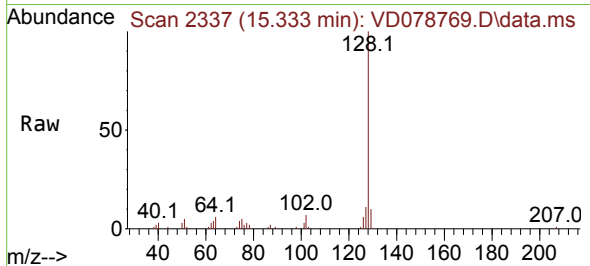




#95
Naphthalene
Concen: 20.945 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.3	13.9
129	10.3	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.520 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078769.D
Acq: 28 Mar 2024 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	46.7	140.1
145	31.8	14.4	43.4

