

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078940.D
 Acq On : 16 May 2024 10:53
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 06:07:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61099	47.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.810	113	72077	49.380	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.269	98	276048	50.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.575	95	76549	49.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23456	18.261	ug/l	98
3) Chloromethane	2.152	50	34508	18.054	ug/l	96
4) Vinyl Chloride	2.287	62	56317	20.044	ug/l	95
5) Bromomethane	2.687	94	51665	19.596	ug/l	99
6) Chloroethane	2.840	64	44532	18.111	ug/l	95
7) Trichlorofluoromethane	3.181	101	47237	17.546	ug/l	94
8) Diethyl Ether	3.593	74	12616	20.122	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	28105	19.769	ug/l	98
10) Methyl Iodide	4.164	142	31019	18.263	ug/l	99
11) Tert butyl alcohol	5.058	59	6367	113.118	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	26839	19.286	ug/l	90
13) Acrolein	3.799	56	11081	86.326	ug/l	99
14) Allyl chloride	4.569	41	24411	17.977	ug/l	94
15) Acrylonitrile	5.252	53	22994	92.253	ug/l	99
16) Acetone	4.028	43	20325	98.858	ug/l	97
17) Carbon Disulfide	4.275	76	83975	19.620	ug/l	100
18) Methyl Acetate	4.569	43	8986	18.982	ug/l	88
19) Methyl tert-butyl Ether	5.322	73	49309	18.185	ug/l #	84
20) Methylene Chloride	4.805	84	38883	20.302	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	29406	18.958	ug/l	94
22) Diisopropyl ether	6.222	45	58222	18.957	ug/l	96
23) Vinyl Acetate	6.158	43	145658	79.070	ug/l	97
24) 1,1-Dichloroethane	6.111	63	45004	18.484	ug/l	98
25) 2-Butanone	7.081	43	27087	98.505	ug/l	96
26) 2,2-Dichloropropane	7.075	77	39761	18.583	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	32546	17.869	ug/l	94
28) Bromochloromethane	7.422	49	15101	18.598	ug/l	98
29) Tetrahydrofuran	7.446	42	14919	93.801	ug/l	97
30) Chloroform	7.593	83	51145	18.546	ug/l	94
31) Cyclohexane	7.881	56	34736	18.438	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	45168	19.126	ug/l	99
36) 1,1-Dichloropropene	8.010	75	35151	19.352	ug/l	98
37) Ethyl Acetate	7.175	43	11942	19.292	ug/l	97
38) Carbon Tetrachloride	7.993	117	40080	18.855	ug/l	96
39) Methylcyclohexane	9.275	83	42428	19.225	ug/l	99
40) Benzene	8.252	78	113593	19.335	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	5569	16.720	ug/l	96
42) 1,2-Dichloroethane	8.328	62	27534	19.363	ug/l	98
43) Isopropyl Acetate	8.363	43	21327	19.417	ug/l #	83
44) Trichloroethene	9.028	130	28060	18.007	ug/l	96
45) 1,2-Dichloropropane	9.304	63	24324	18.841	ug/l	99
46) Dibromomethane	9.393	93	15556	18.304	ug/l	97
47) Bromodichloromethane	9.587	83	39137	19.130	ug/l	97
48) Methyl methacrylate	9.381	41	9508	17.782	ug/l #	90
49) 1,4-Dioxane	9.387	88	3433	459.213	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	57697	98.623	ug/l	95
52) Toluene	10.334	92	72669	19.324	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	32228	18.539	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	39964	19.153	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21132	19.246	ug/l	96
56) Ethyl methacrylate	10.599	69	21104	18.682	ug/l #	96
57) 1,3-Dichloropropane	10.881	76	31804	18.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	45868	94.498	ug/l	99
59) 2-Hexanone	10.922	43	40584	99.665	ug/l	98
60) Dibromochloromethane	11.075	129	28232	18.862	ug/l	93
61) 1,2-Dibromoethane	11.181	107	19511	19.489	ug/l	93
64) Tetrachloroethene	10.810	164	26045	19.776	ug/l	96
65) Chlorobenzene	11.610	112	82305	19.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	27477	18.408	ug/l	97
67) Ethyl Benzene	11.687	91	127805	18.402	ug/l	100
68) m/p-Xylenes	11.793	106	107387	38.032	ug/l	98
69) o-Xylene	12.122	106	47348	18.394	ug/l	95
70) Styrene	12.134	104	86019	18.855	ug/l	100
71) Bromoform	12.298	173	16064	18.787	ug/l #	97
73) Isopropylbenzene	12.422	105	124135	18.566	ug/l	99
74) N-amyl acetate	12.234	43	20419	18.821	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	23549	19.526	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	27072	34.327	ug/l #	100
77) Bromobenzene	12.698	156	31789	18.080	ug/l	97
78) n-propylbenzene	12.763	91	155853	19.285	ug/l	98
79) 2-Chlorotoluene	12.851	91	81987	18.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	100760	18.139	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7848	19.733	ug/l	99
82) 4-Chlorotoluene	12.945	91	88538	18.789	ug/l	99
83) tert-Butylbenzene	13.169	119	88412	17.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	104108	18.093	ug/l	100
85) sec-Butylbenzene	13.345	105	137340	18.741	ug/l	100
86) p-Isopropyltoluene	13.463	119	113597	17.792	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	67852	18.237	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	67349	18.483	ug/l	98
89) n-Butylbenzene	13.787	91	106010	18.529	ug/l	98
90) Hexachloroethane	14.051	117	25103	18.639	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	56287	18.081	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2979	18.554	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	33020	18.065	ug/l	99
94) Hexachlorobutadiene	15.204	225	16687	17.469	ug/l	97
95) Naphthalene	15.334	128	55913	17.958	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29053	17.868	ug/l	98

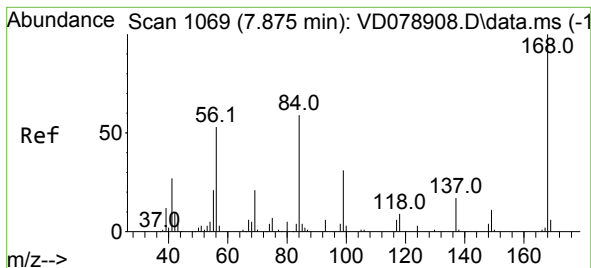
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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

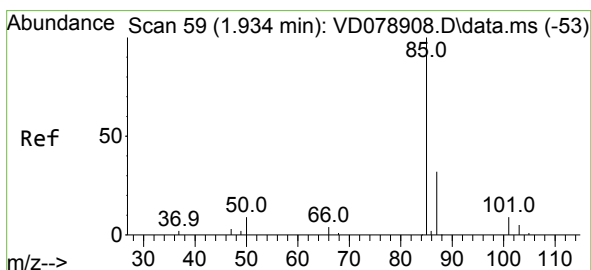
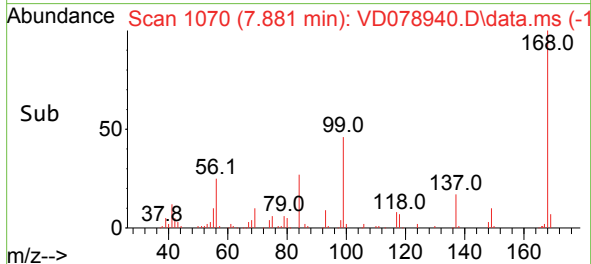
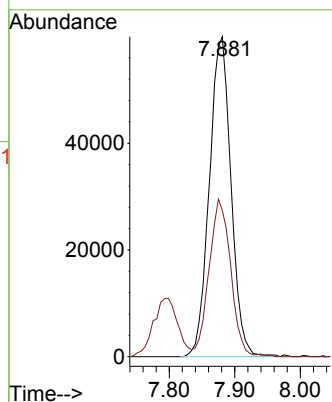
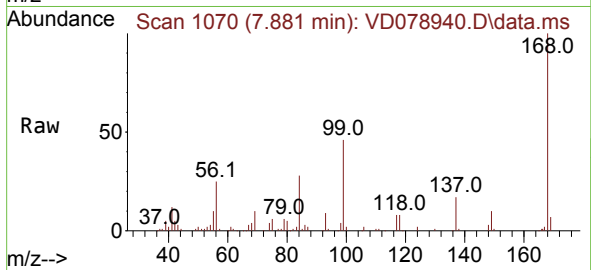
VD0516SBS01

Tgt Ion:168 Resp: 137469

Ion Ratio Lower Upper

168 100

99 45.8 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 18.261 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078940.D

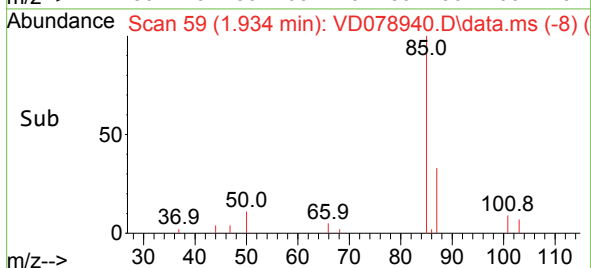
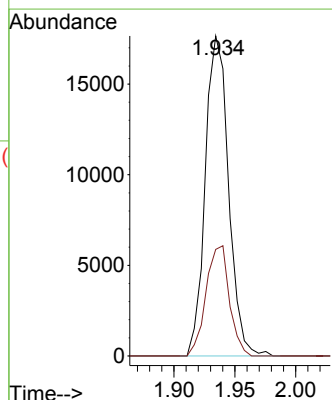
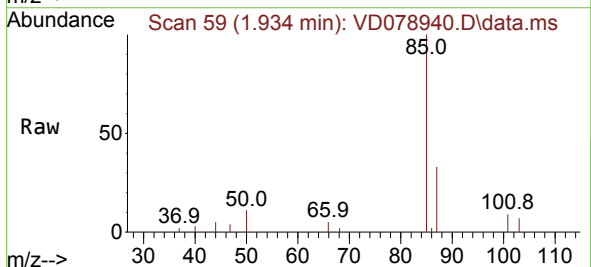
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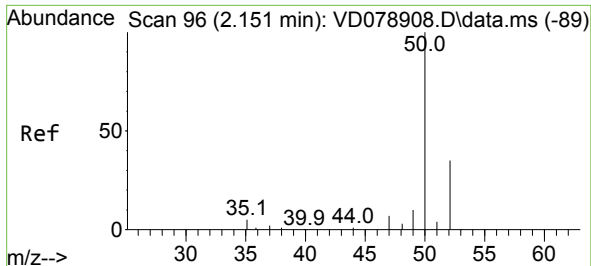
Tgt Ion: 85 Resp: 23456

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0

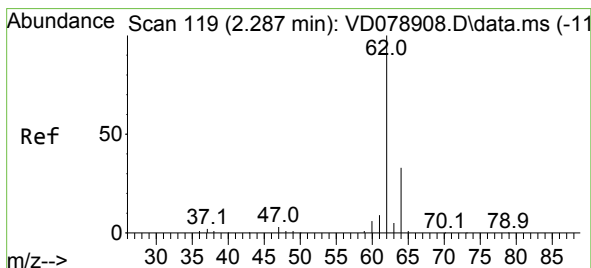
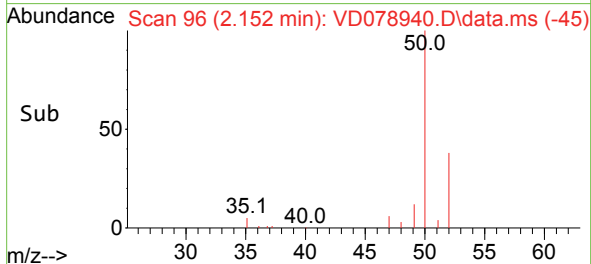
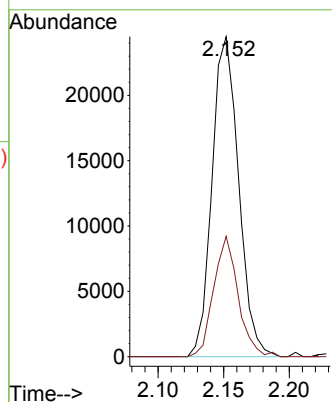
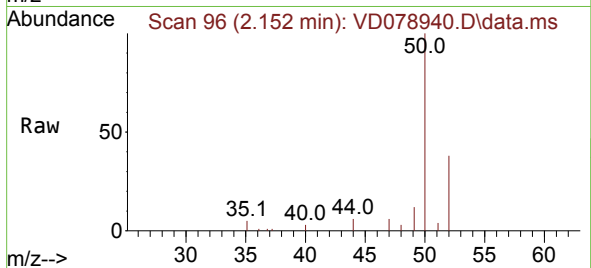




#3
Chloromethane
Concen: 18.054 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

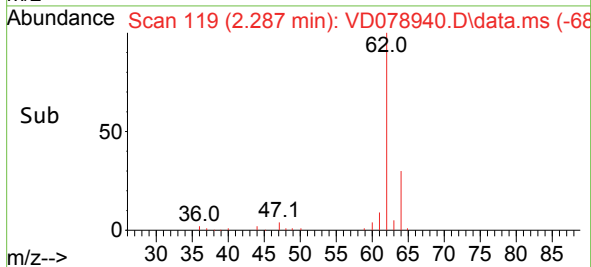
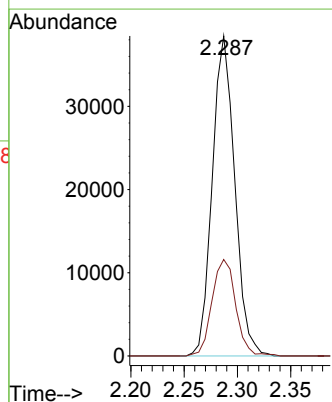
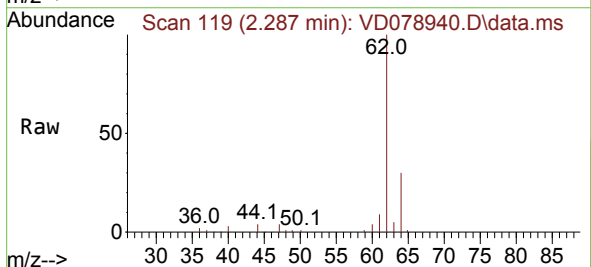
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

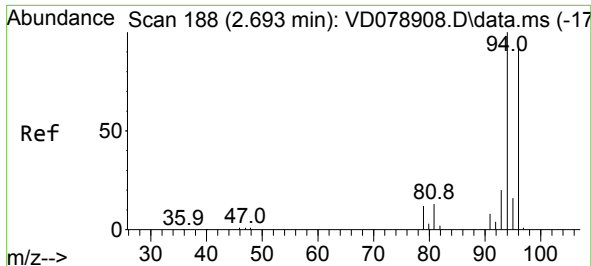
Tgt Ion: 50 Resp: 34508
Ion Ratio Lower Upper
50 100
52 37.6 28.2 42.2



#4
Vinyl Chloride
Concen: 20.044 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 62 Resp: 56317
Ion Ratio Lower Upper
62 100
64 30.1 26.3 39.5

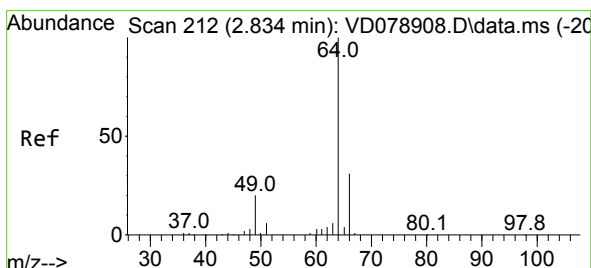
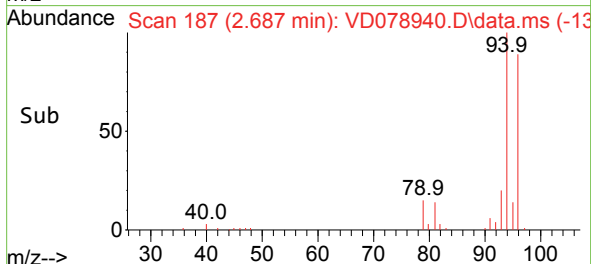
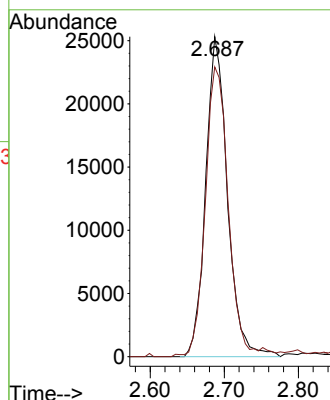
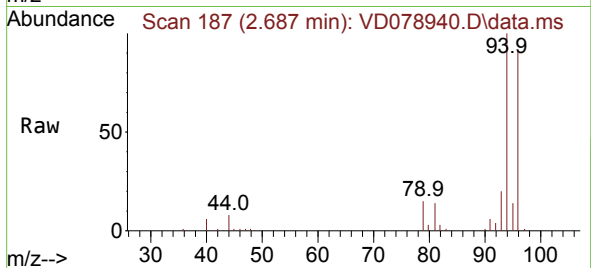




#5
Bromomethane
Concen: 19.596 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

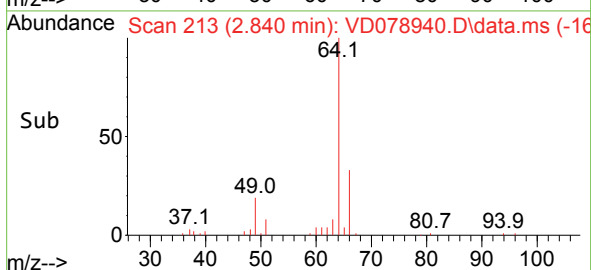
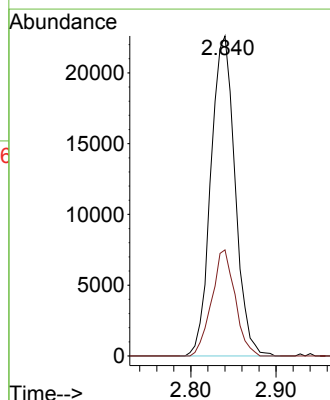
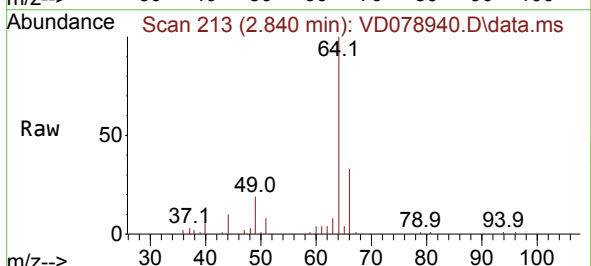
Instrument :
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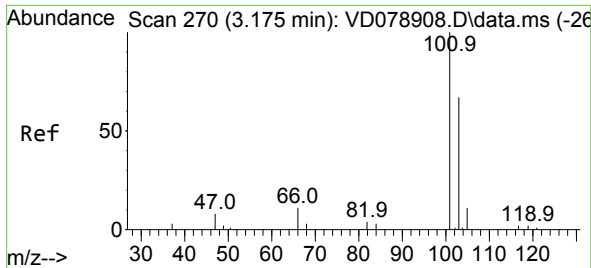
Tgt Ion: 94 Resp: 51665
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 18.111 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 64 Resp: 44532
Ion Ratio Lower Upper
64 100
66 33.2 24.5 36.7

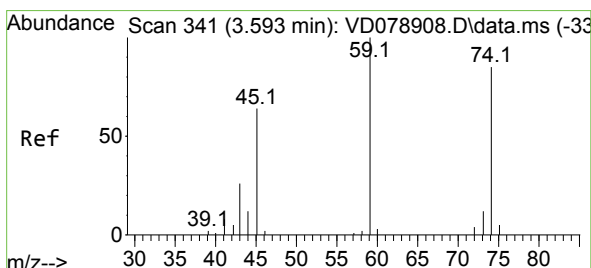
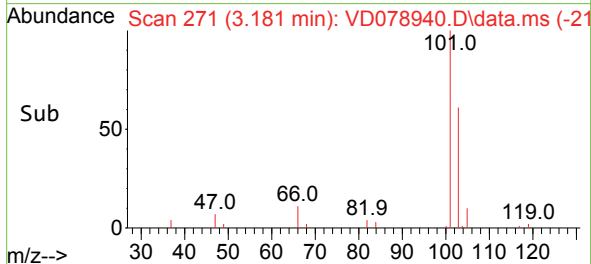
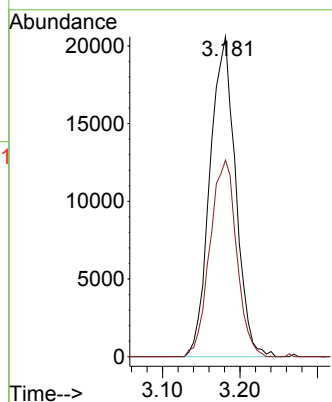
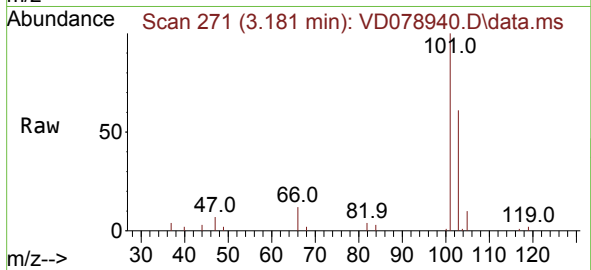




#7
Trichlorofluoromethane
Concen: 17.546 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

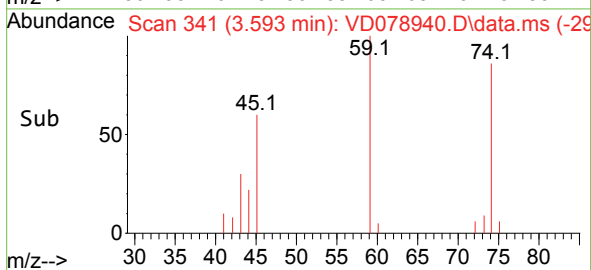
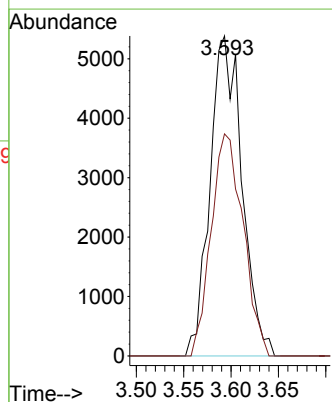
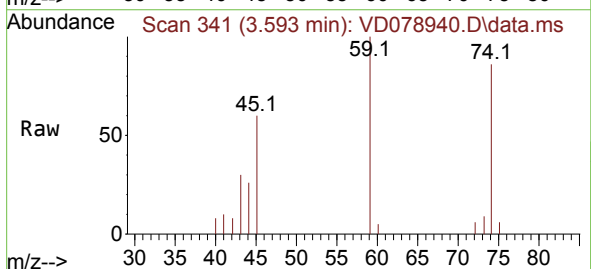
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

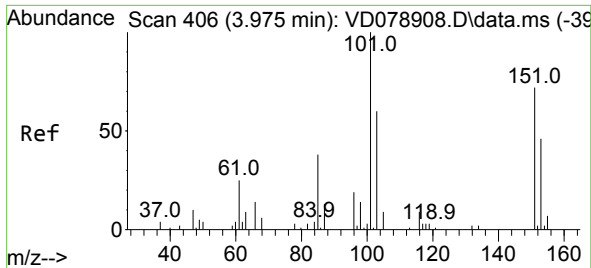
Tgt Ion:101 Resp: 47237
Ion Ratio Lower Upper
101 100
103 61.4 53.2 79.8



#8
Diethyl Ether
Concen: 20.122 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 74 Resp: 12616
Ion Ratio Lower Upper
74 100
45 69.5 37.9 113.6

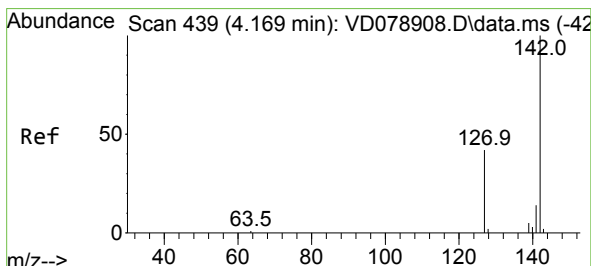
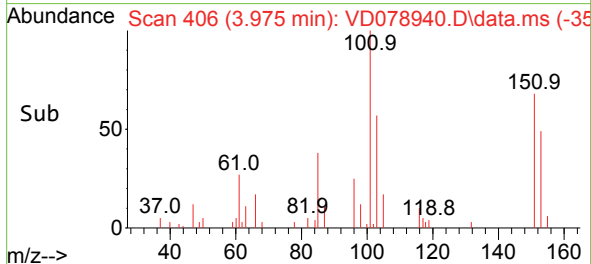
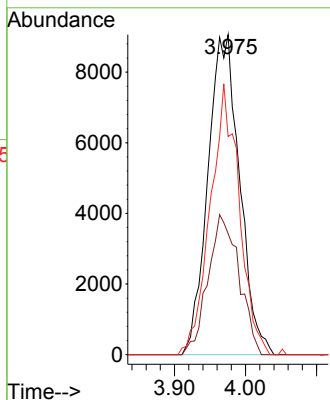
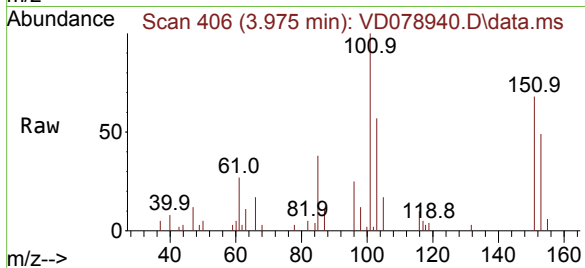




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.769 ug/l
 RT: 3.975 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VD078940.D
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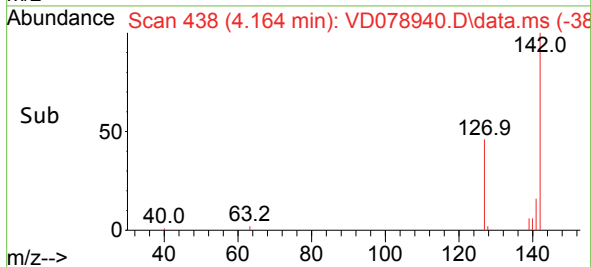
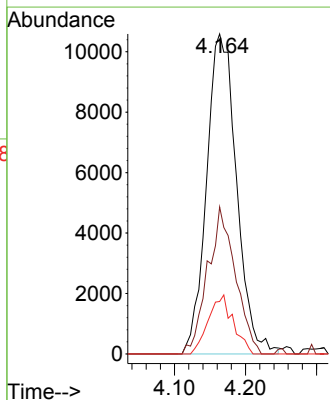
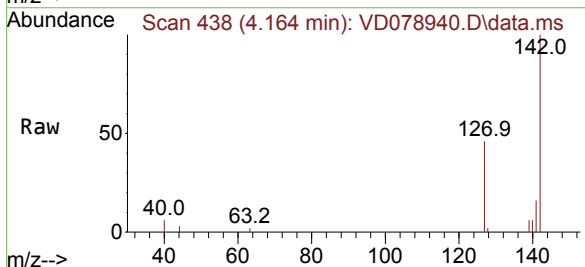
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

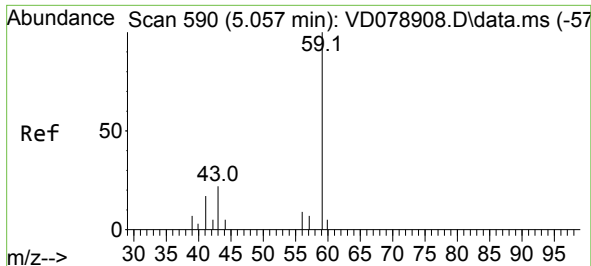
Tgt Ion:	101	Resp:	28105
Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.5	50.3
151	77.3	60.3	90.5



#10
 Methyl Iodide
 Concen: 18.263 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.005 min
 Lab File: VD078940.D
 Acq: 16 May 2024 10:53

Tgt Ion:	142	Resp:	31019
Ion	Ratio	Lower	Upper
142	100		
127	42.5	34.2	51.4
141	15.3	11.7	17.5

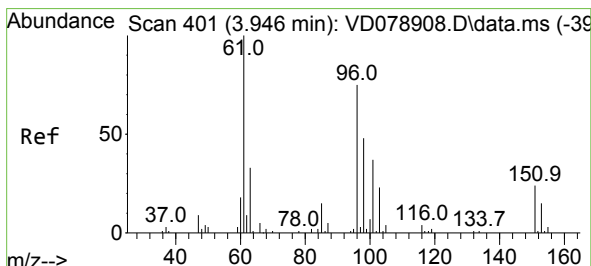
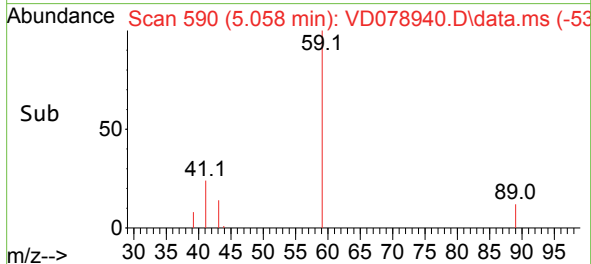
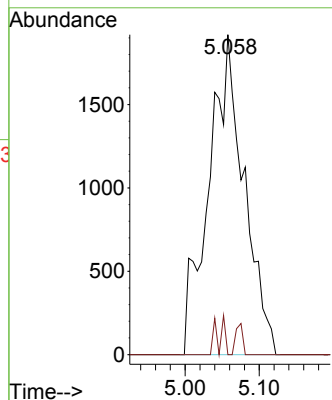
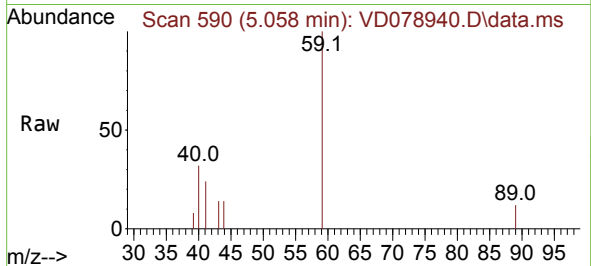




#11
Tert butyl alcohol
Concen: 113.118 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

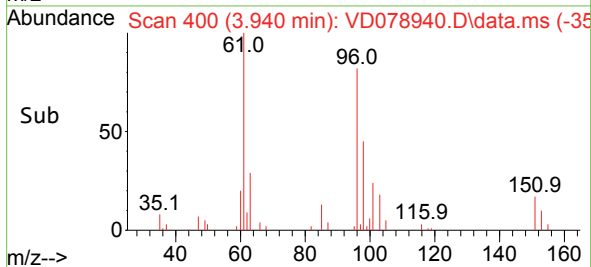
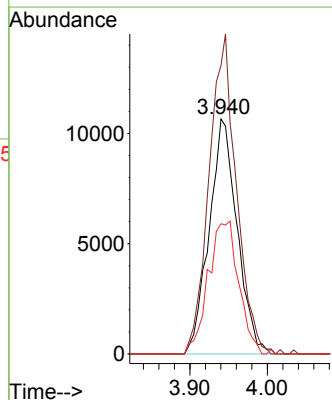
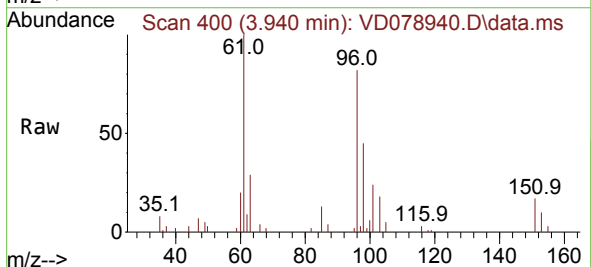
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

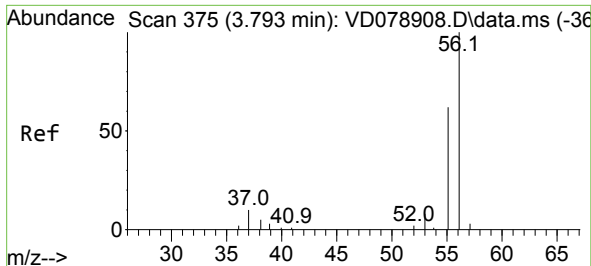
Tgt Ion: 59 Resp: 6367
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 19.286 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.005 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 96 Resp: 26839
Ion Ratio Lower Upper
96 100
61 122.7 107.3 160.9
98 55.4 51.7 77.5





#13

Acrolein

Concen: 86.326 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

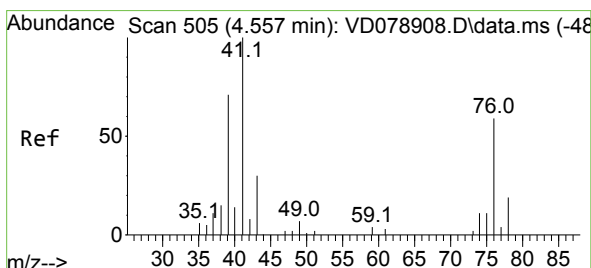
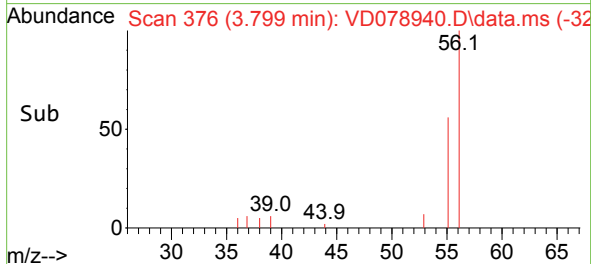
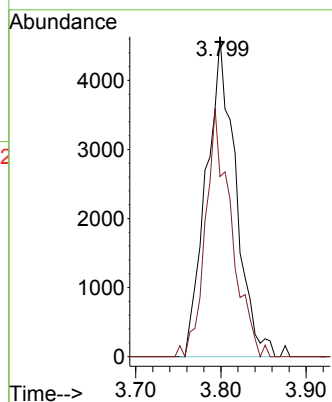
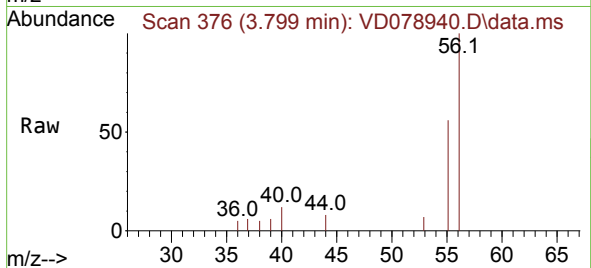
VD0516SBS01

Tgt Ion: 56 Resp: 11081

Ion Ratio Lower Upper

56 100

55 68.3 55.3 82.9



#14

Allyl chloride

Concen: 17.977 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.012 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

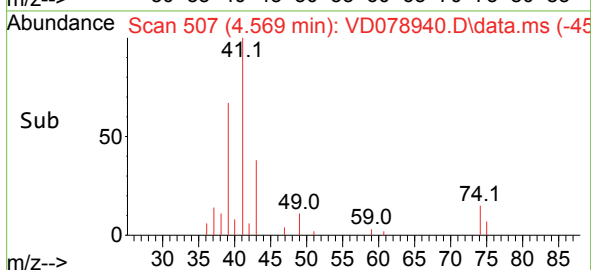
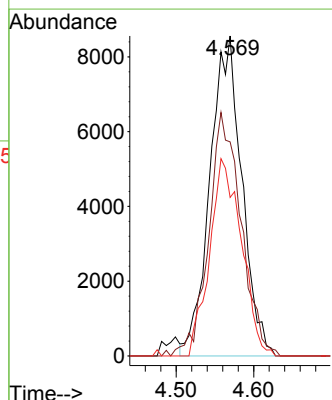
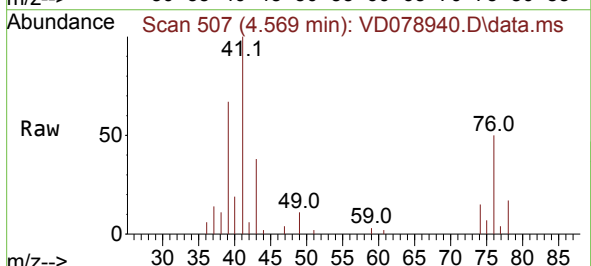
Tgt Ion: 41 Resp: 24411

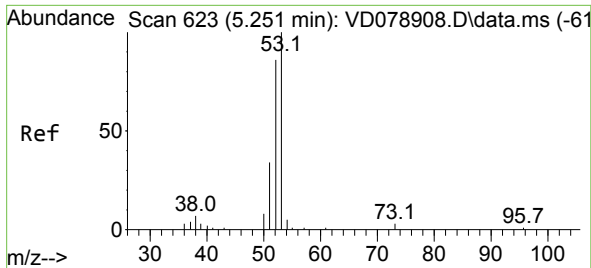
Ion Ratio Lower Upper

41 100

39 77.3 58.0 87.0

76 61.8 45.9 68.9

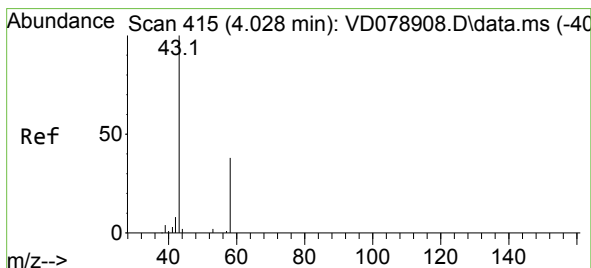
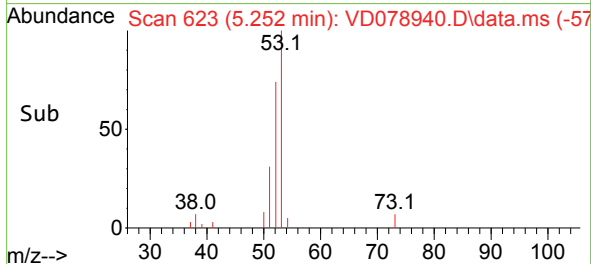
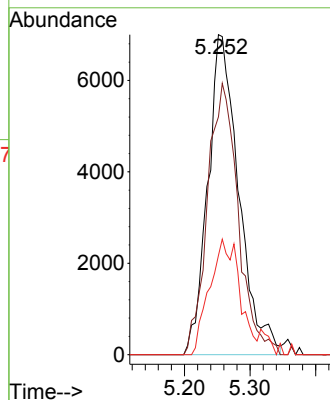
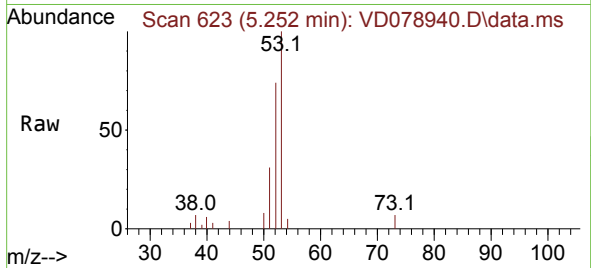




#15
Acrylonitrile
Concen: 92.253 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

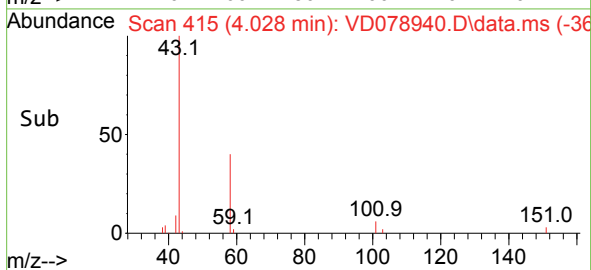
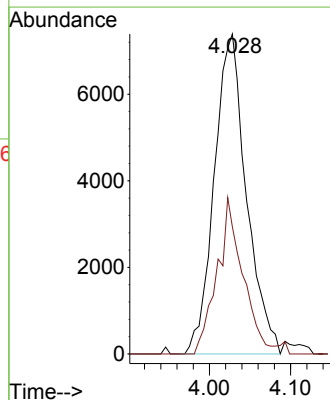
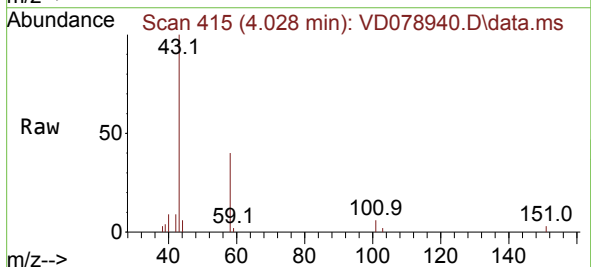
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

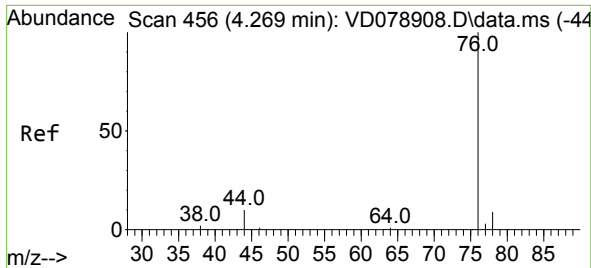
Tgt Ion:	53	Resp:	22994
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.7	101.5
51	35.1	28.6	42.8



#16
Acetone
Concen: 98.858 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:	43	Resp:	20325
Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.4	45.6

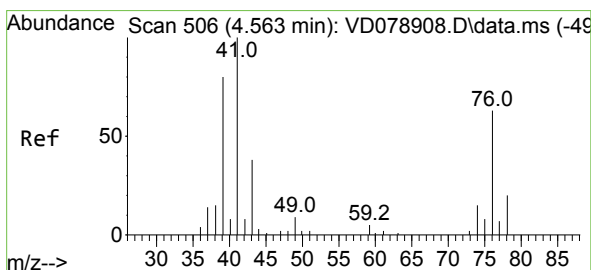
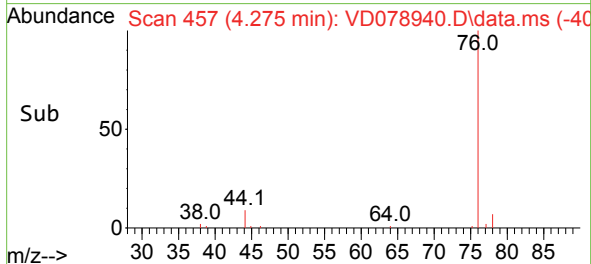
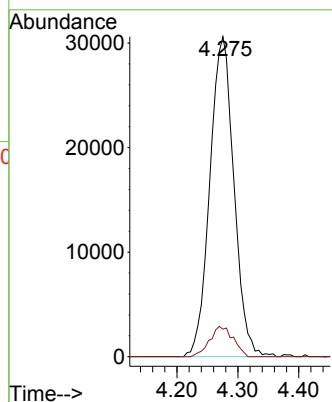
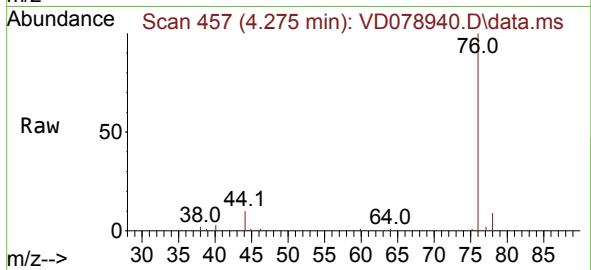




#17
Carbon Disulfide
Concen: 19.620 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

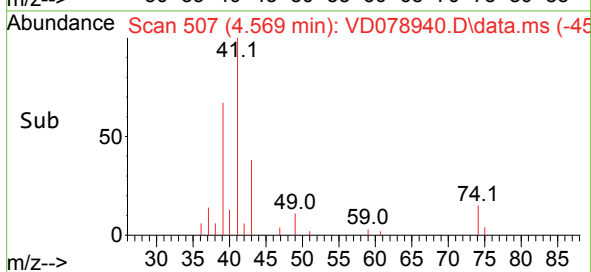
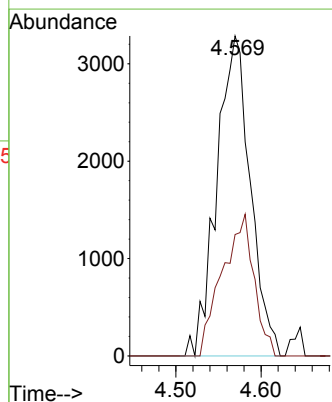
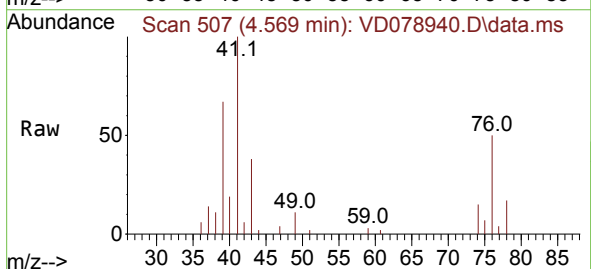
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

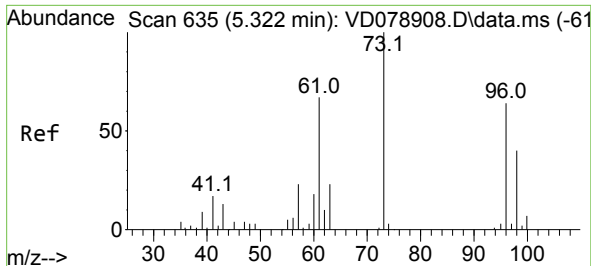
Tgt Ion: 76 Resp: 83975
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 18.982 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 43 Resp: 8986
Ion Ratio Lower Upper
43 100
74 41.9 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 18.185 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

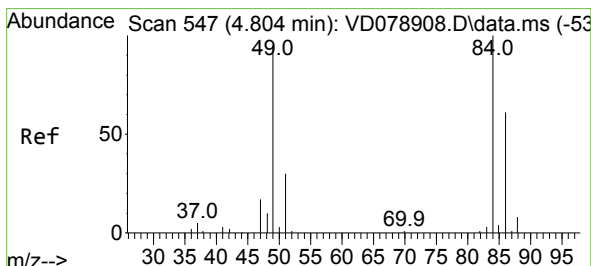
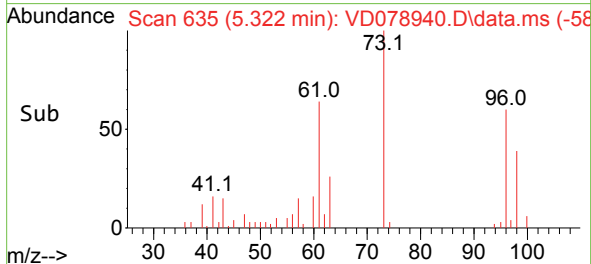
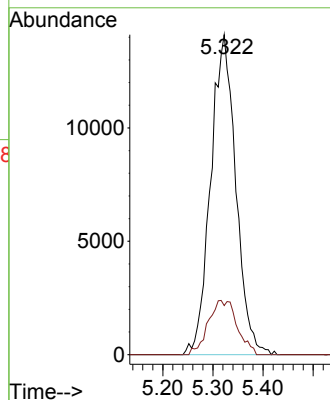
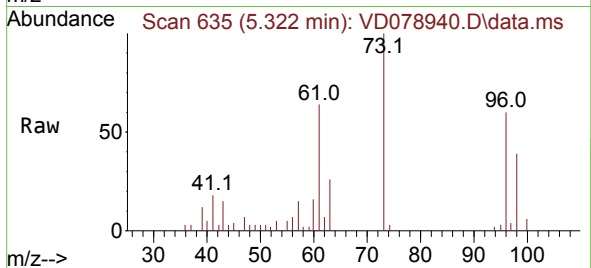
VD0516SBS01

Tgt Ion: 73 Resp: 49309

Ion Ratio Lower Upper

73 100

57 15.3 18.3 27.5#



#20

Methylene Chloride

Concen: 20.302 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Tgt Ion: 84 Resp: 38883

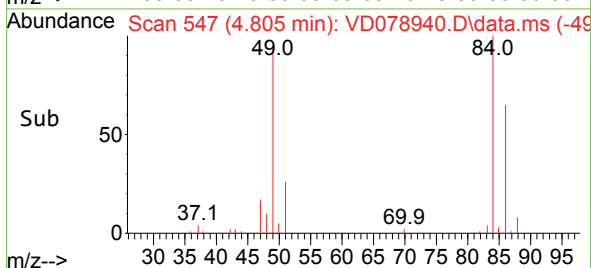
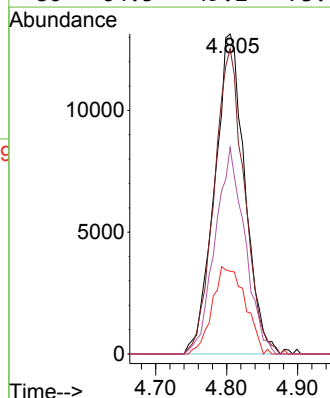
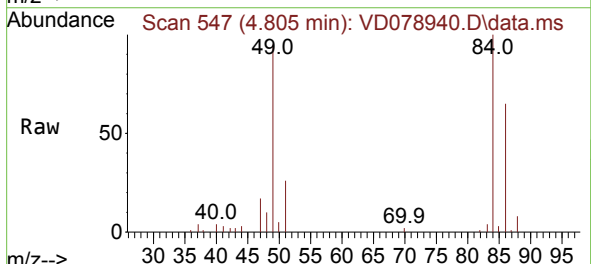
Ion Ratio Lower Upper

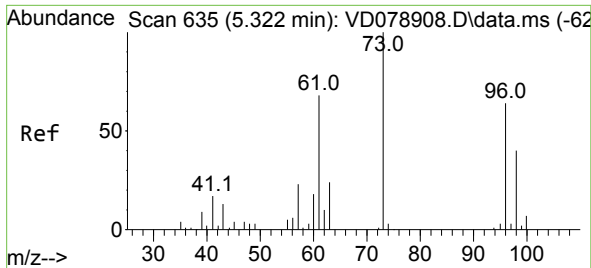
84 100

49 95.4 75.6 113.4

51 25.9 24.2 36.2

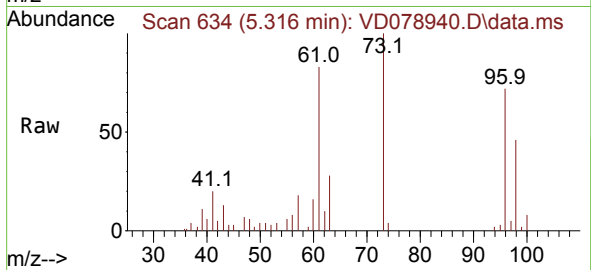
86 64.5 49.2 73.8



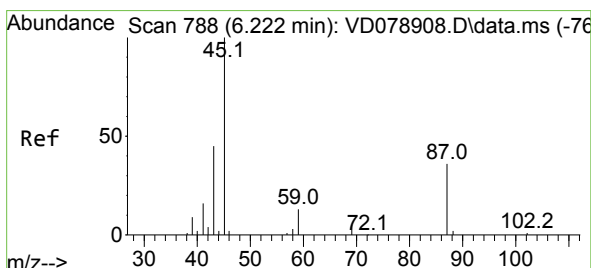
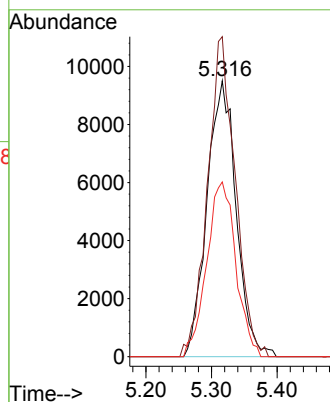
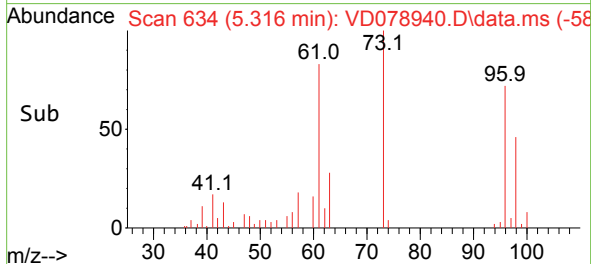


#21
trans-1,2-Dichloroethene
Concen: 18.958 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

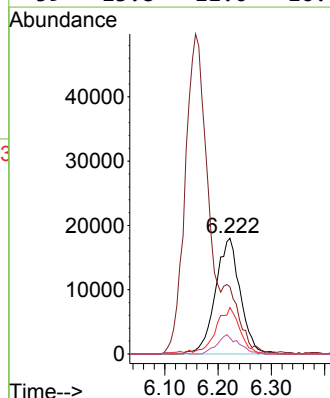
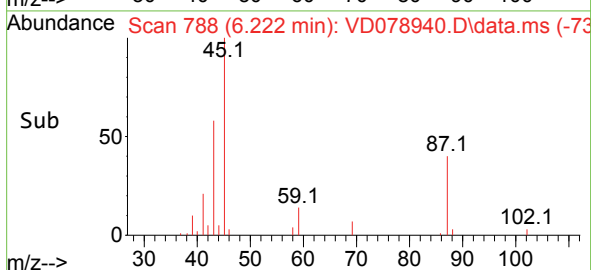
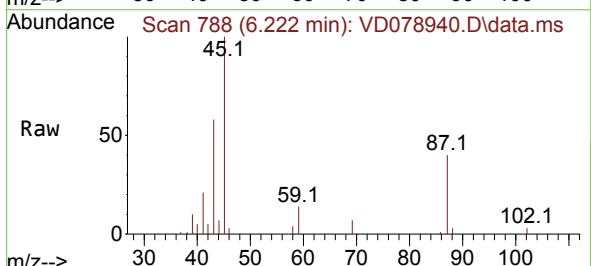


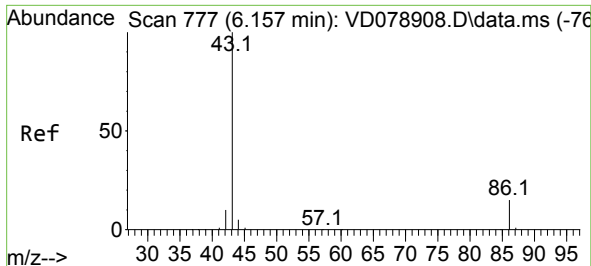
Tgt Ion:	96	Resp:	29406
Ion Ratio	Lower	Upper	
96	100		
61	116.0	84.5	126.7
98	63.3	50.5	75.7



#22
Diisopropyl ether
Concen: 18.957 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:	45	Resp:	58222
Ion Ratio	Lower	Upper	
45	100		
43	56.0	41.7	62.5
87	40.1	30.2	45.2
59	13.8	11.0	16.6

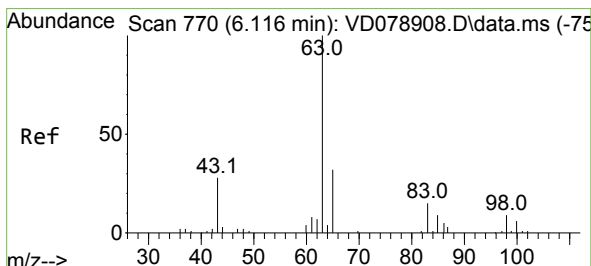
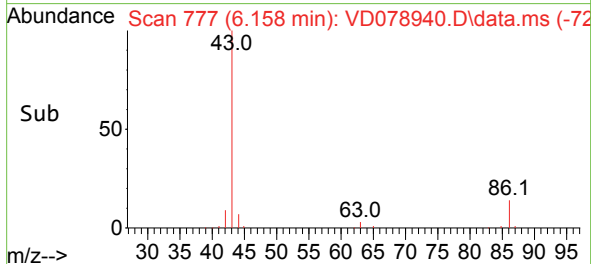
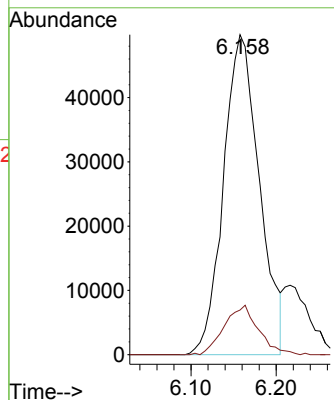
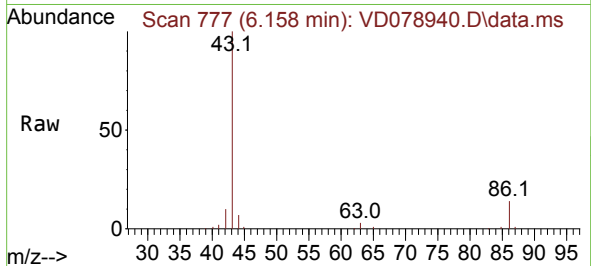




#23
 Vinyl Acetate
 Concen: 79.070 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078940.D
 Acq: 16 May 2024 10:53

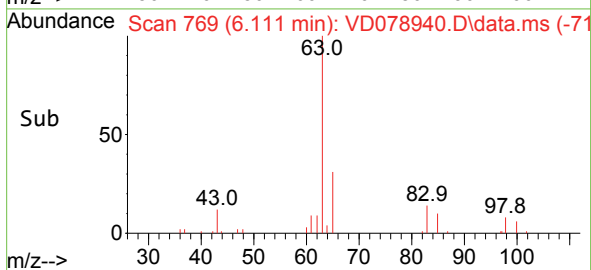
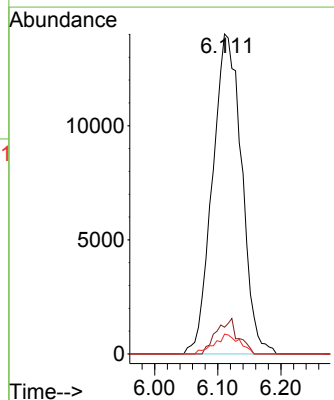
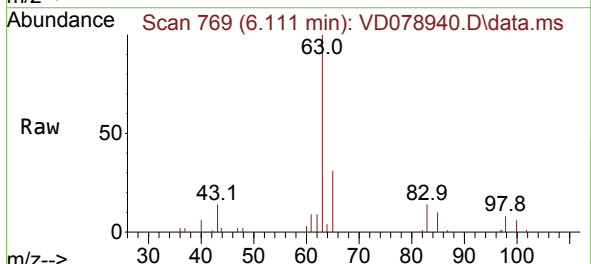
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

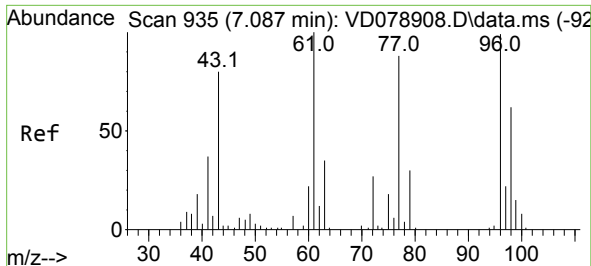
Tgt Ion: 43 Resp: 145658
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 18.484 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD078940.D
 Acq: 16 May 2024 10:53

Tgt Ion: 63 Resp: 45004
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.7 14.0
 100 6.2 2.9 8.6





#25

2-Butanone

Concen: 98.505 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

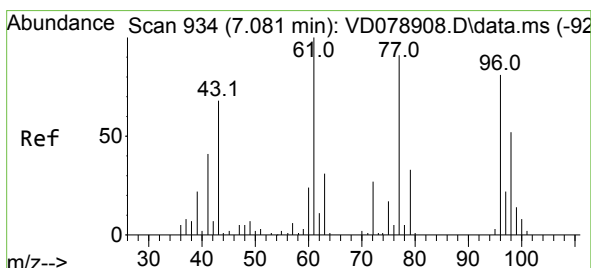
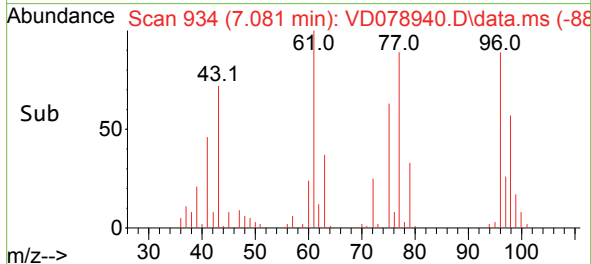
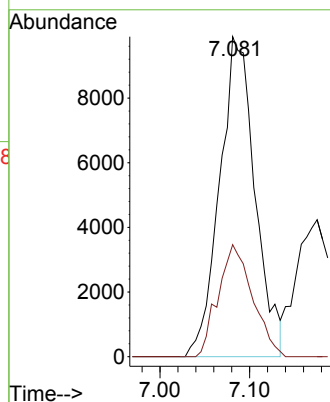
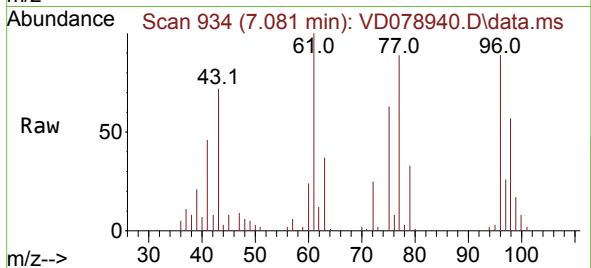
VD0516SBS01

Tgt Ion: 43 Resp: 27087

Ion Ratio Lower Upper

43 100

72 35.0 26.4 39.6



#26

2,2-Dichloropropane

Concen: 18.583 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.005 min

Lab File: VD078940.D

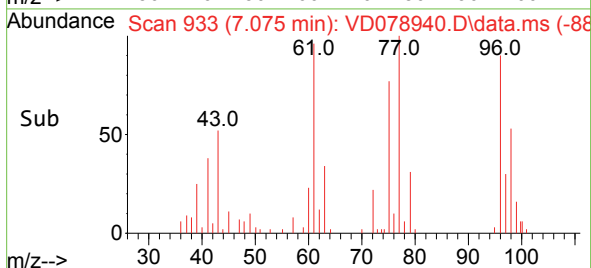
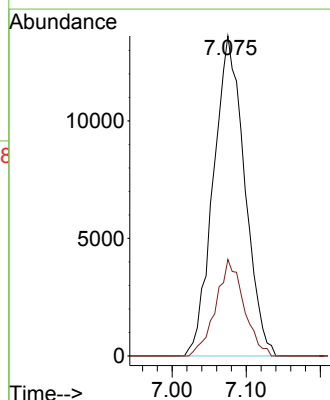
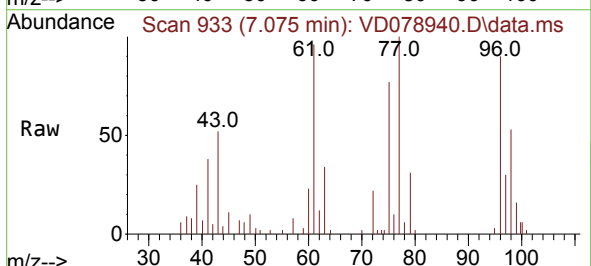
Acq: 16 May 2024 10:53

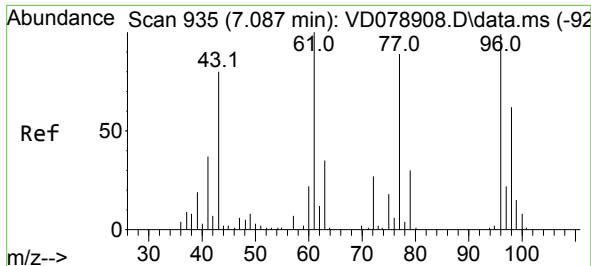
Tgt Ion: 77 Resp: 39761

Ion Ratio Lower Upper

77 100

97 27.2 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 17.869 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

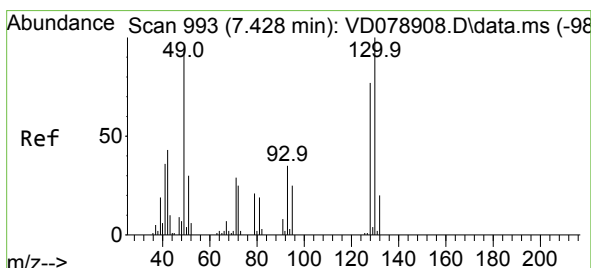
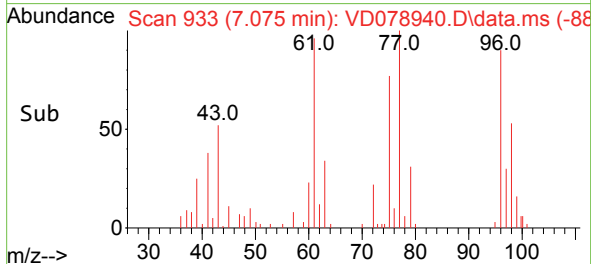
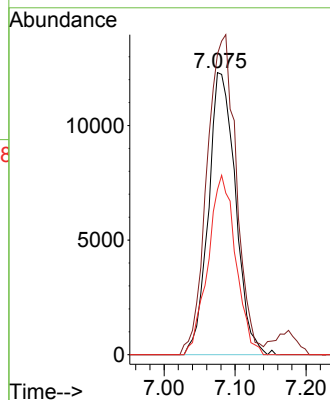
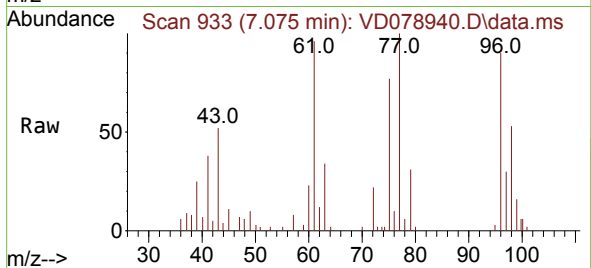
Tgt Ion: 96 Resp: 32546

Ion Ratio Lower Upper

96 100

61 122.7 0.0 229.0

98 65.1 0.0 127.2



#28

Bromochloromethane

Concen: 18.598 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.005 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

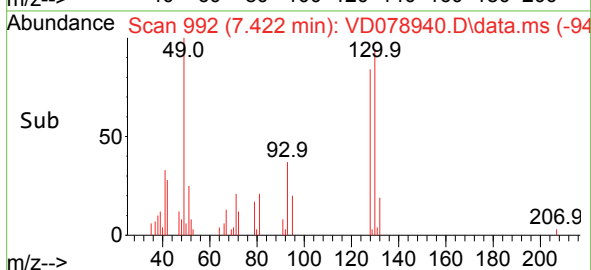
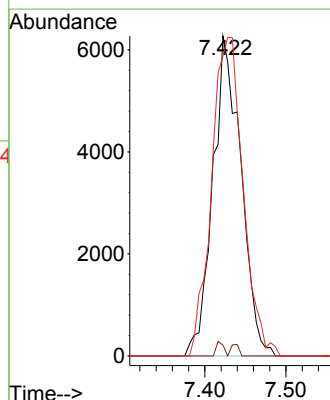
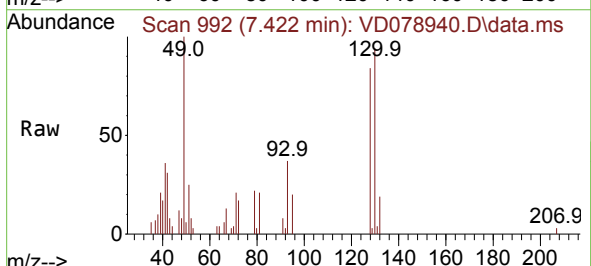
Tgt Ion: 49 Resp: 15101

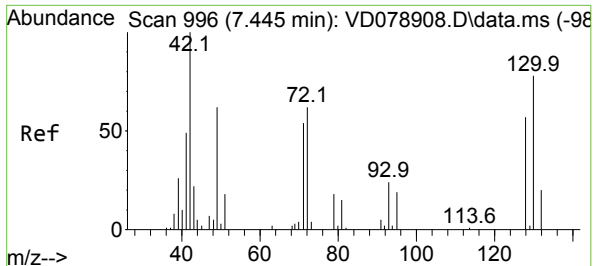
Ion Ratio Lower Upper

49 100

129 1.2 0.0 7.0

130 111.6 87.7 131.5





#29

Tetrahydrofuran

Concen: 93.801 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

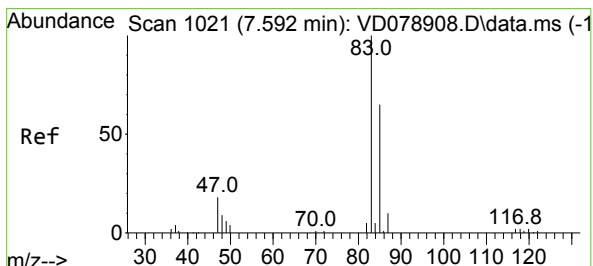
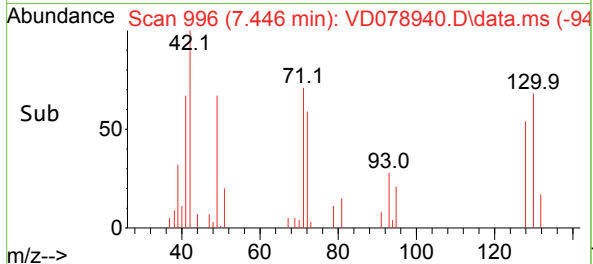
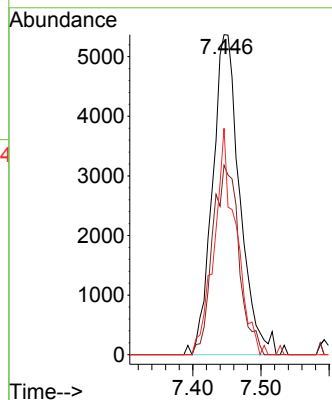
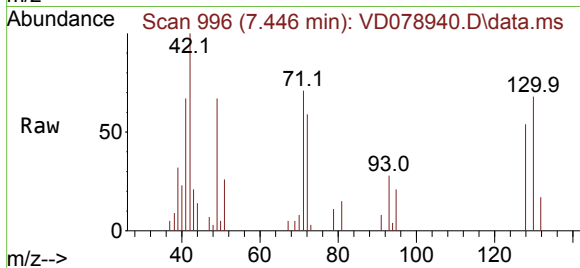
Tgt Ion: 42 Resp: 14919

Ion Ratio Lower Upper

42 100

72 57.4 49.4 74.0

71 56.9 45.0 67.6



#30

Chloroform

Concen: 18.546 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078940.D

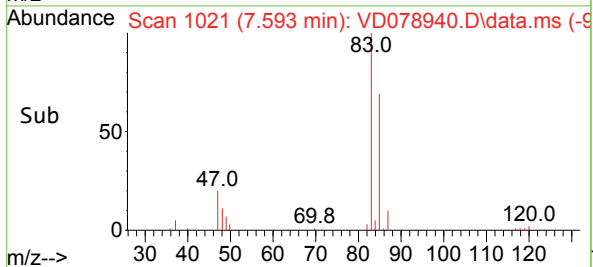
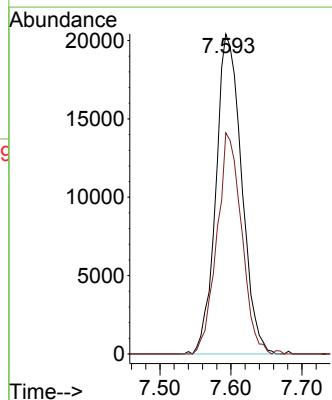
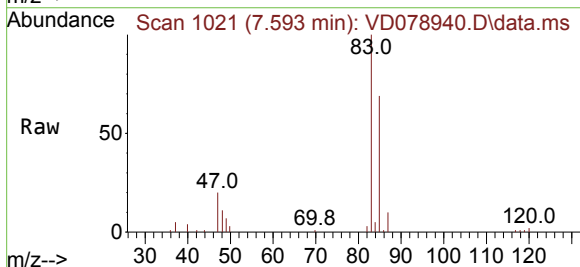
Acq: 16 May 2024 10:53

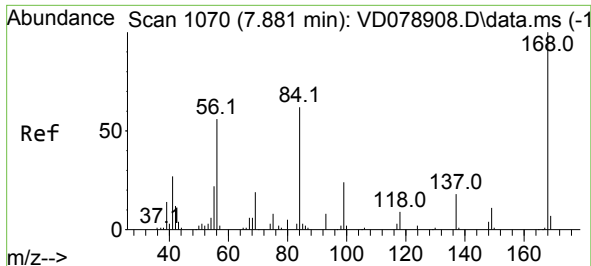
Tgt Ion: 83 Resp: 51145

Ion Ratio Lower Upper

83 100

85 69.1 51.8 77.6

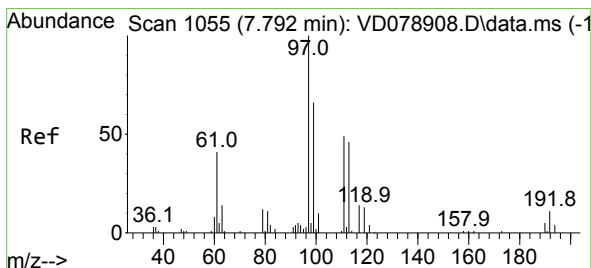
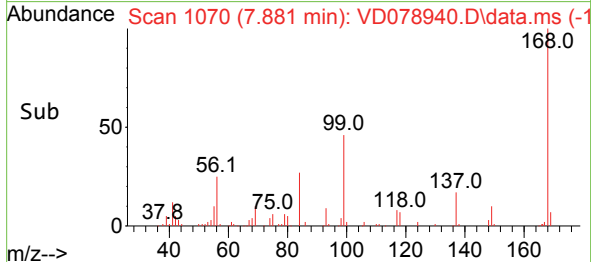
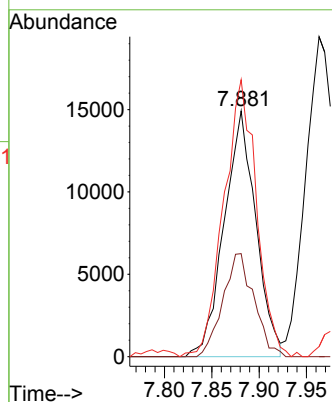
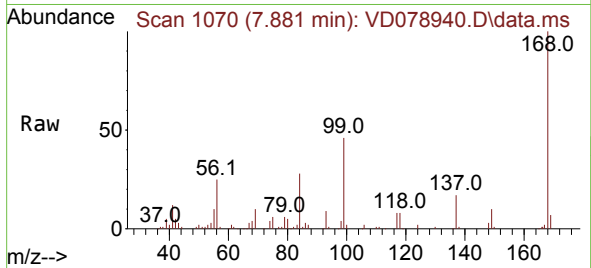




#31
Cyclohexane
Concen: 18.438 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

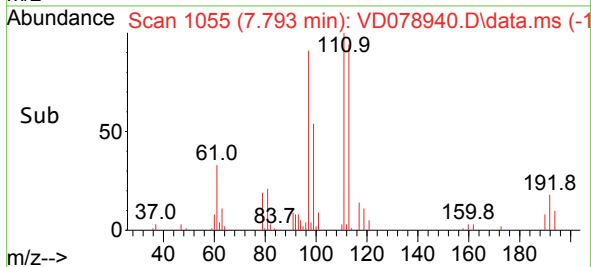
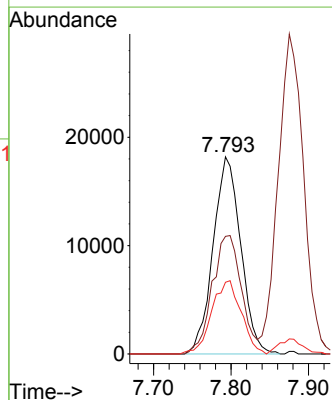
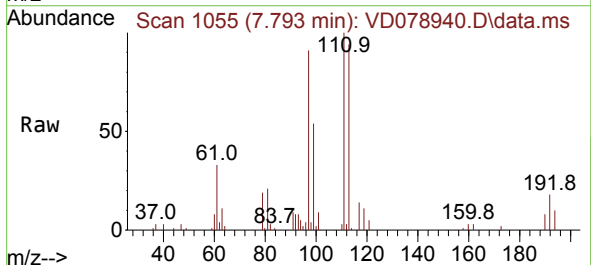
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

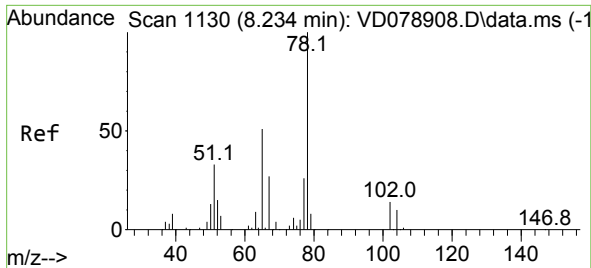
Tgt Ion: 56 Resp: 34736
Ion Ratio Lower Upper
56 100
69 41.9 28.0 42.0
84 112.7 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.126 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 97 Resp: 45168
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 39.6 31.4 47.2

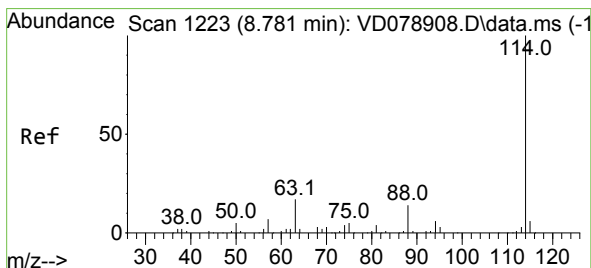
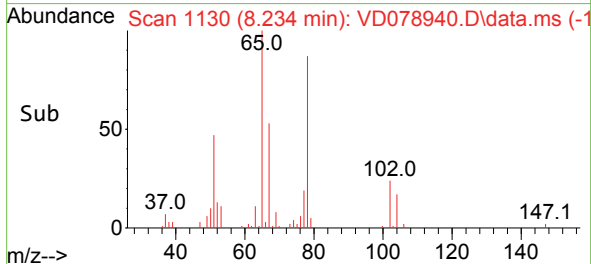
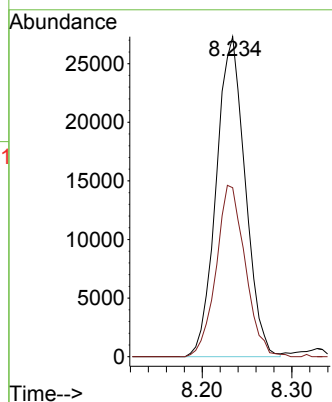
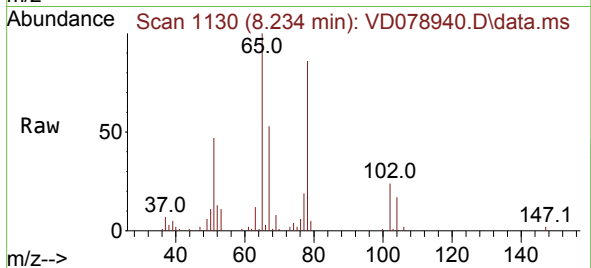




#33
1,2-Dichloroethane-d4
Concen: 47.383 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

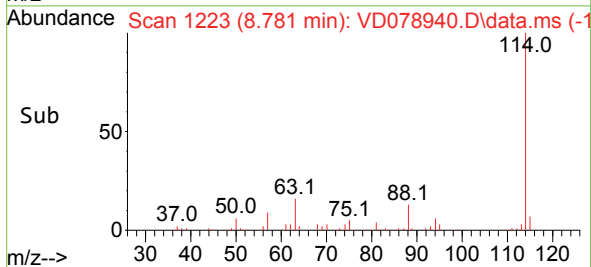
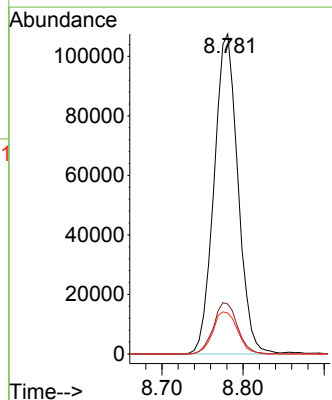
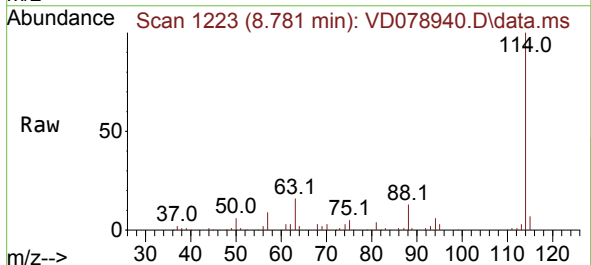
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

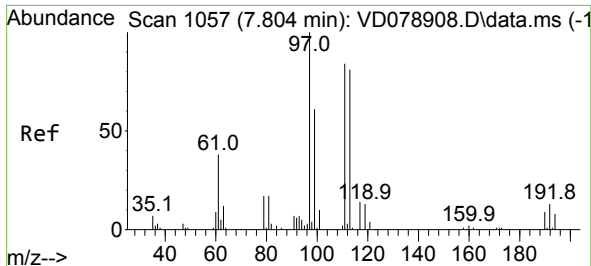
Tgt Ion: 65 Resp: 61099
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 114 Resp: 219274
Ion Ratio Lower Upper
114 100
63 15.6 0.0 34.0
88 12.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.380 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

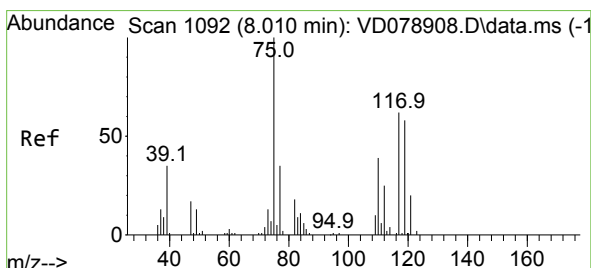
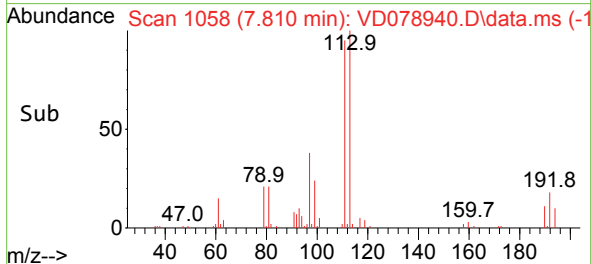
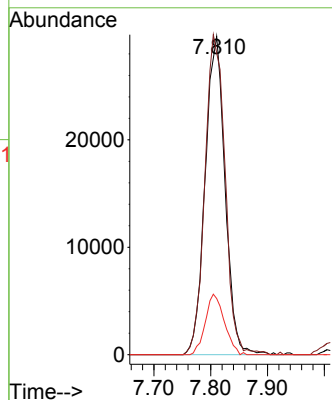
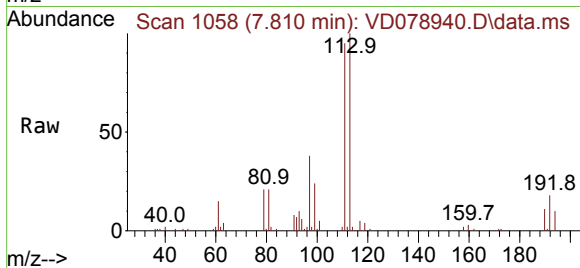
Tgt Ion:113 Resp: 72077

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.352 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

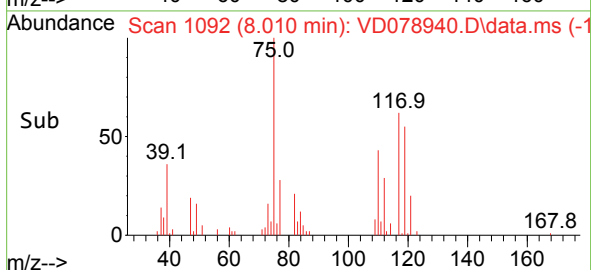
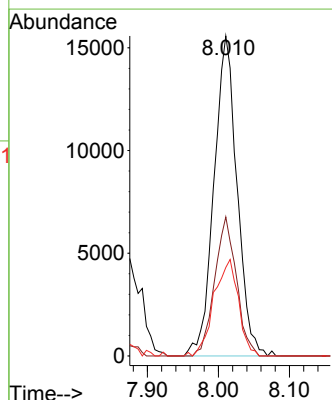
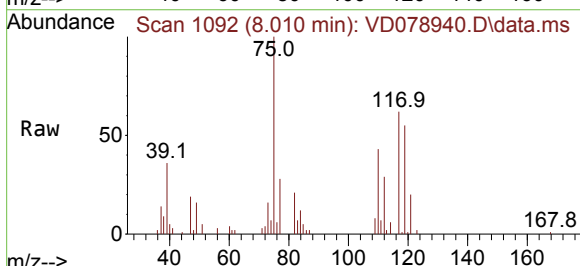
Tgt Ion: 75 Resp: 35151

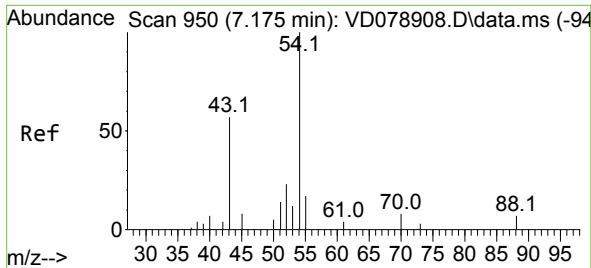
Ion Ratio Lower Upper

75 100

110 40.9 19.6 58.7

77 31.9 26.1 39.1





#37

Ethyl Acetate

Concen: 19.292 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

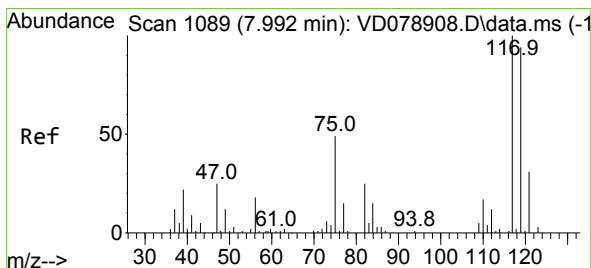
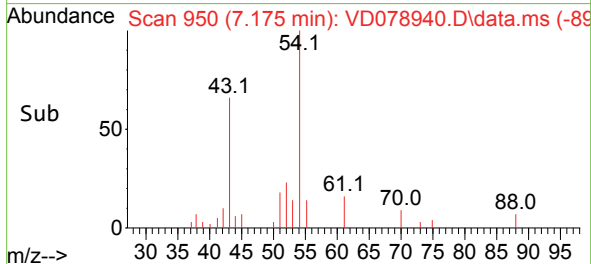
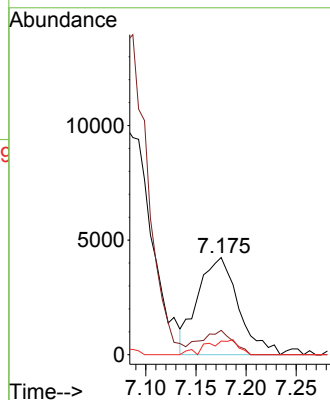
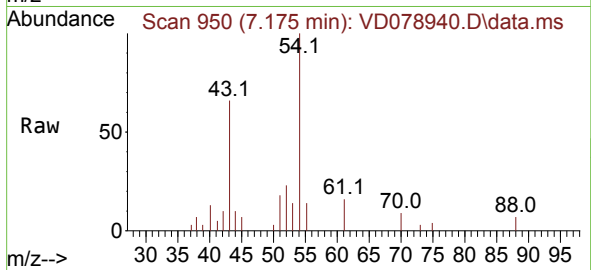
Tgt Ion: 43 Resp: 11942

Ion Ratio Lower Upper

43 100

61 19.7 13.9 20.9

70 11.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 18.855 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

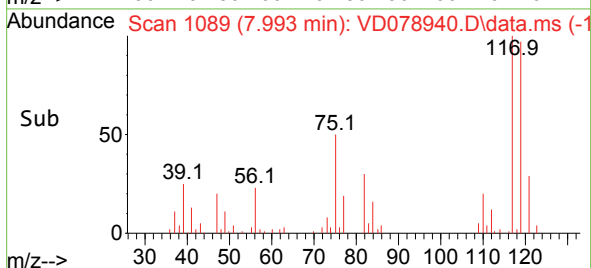
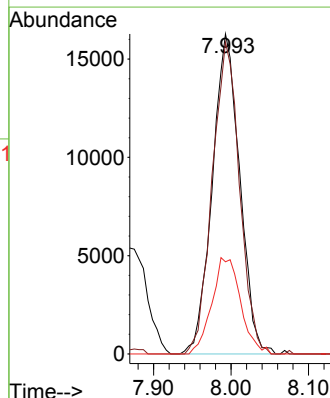
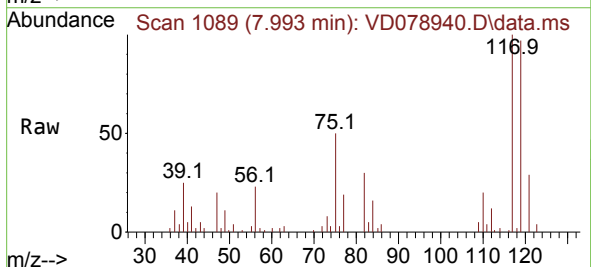
Tgt Ion: 117 Resp: 40080

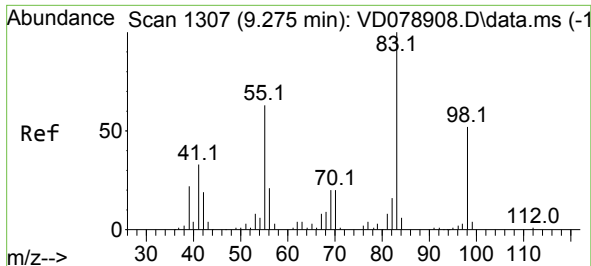
Ion Ratio Lower Upper

117 100

119 97.5 75.4 113.0

121 28.8 25.0 37.4





#39

Methylcyclohexane

Concen: 19.225 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

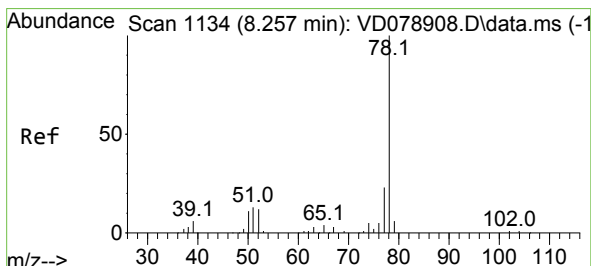
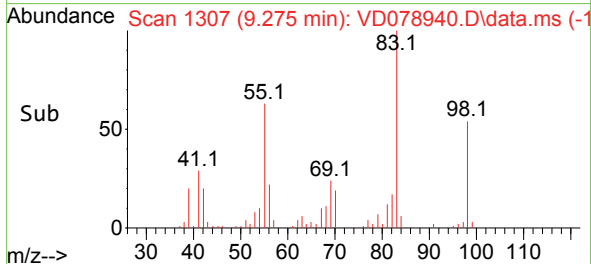
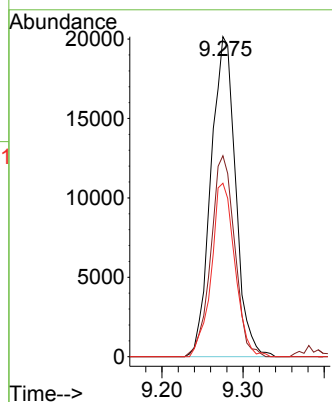
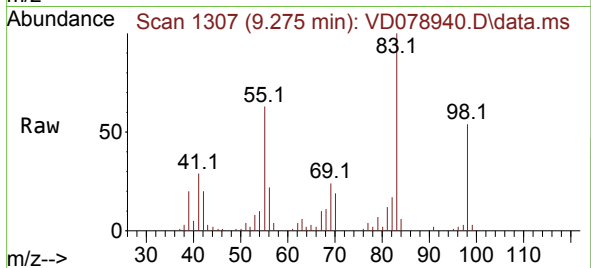
Tgt Ion: 83 Resp: 42428

Ion Ratio Lower Upper

83 100

55 62.8 50.1 75.1

98 54.2 41.9 62.9



#40

Benzene

Concen: 19.335 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.005 min

Lab File: VD078940.D

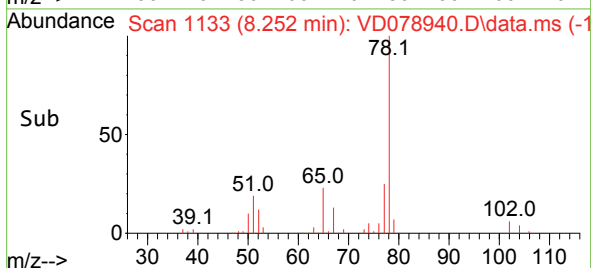
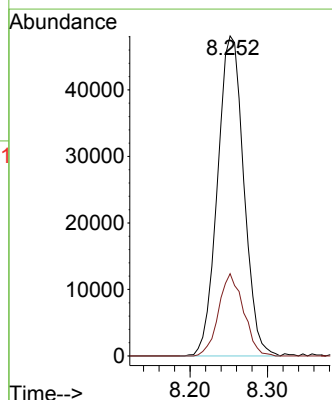
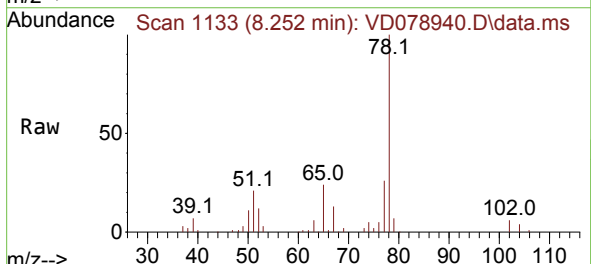
Acq: 16 May 2024 10:53

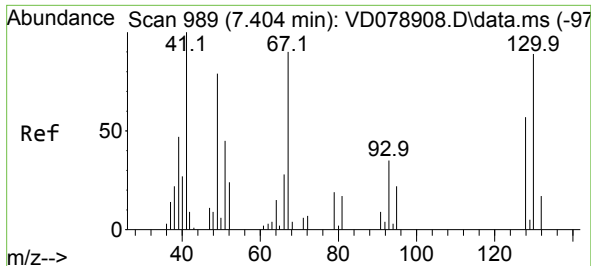
Tgt Ion: 78 Resp: 113593

Ion Ratio Lower Upper

78 100

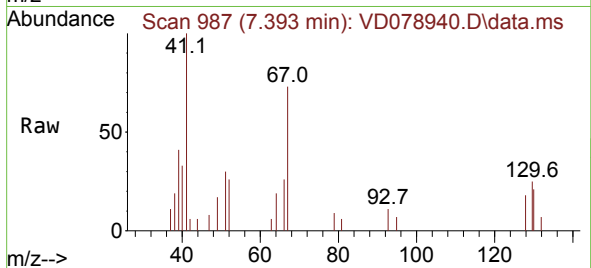
77 25.7 18.1 27.1



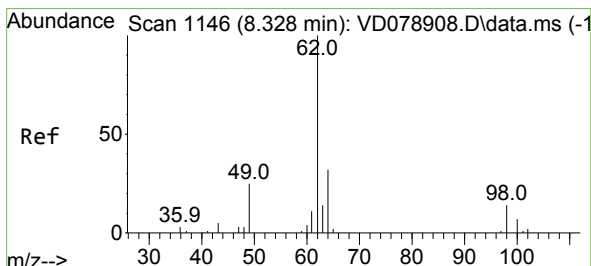
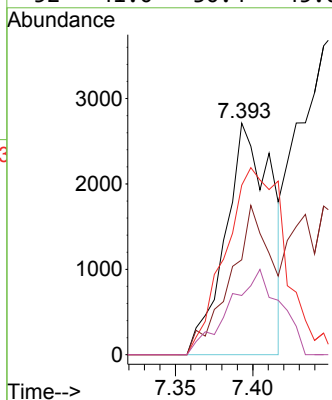
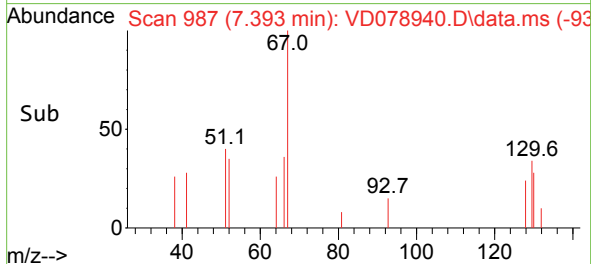


#41
Methacrylonitrile
Concen: 16.720 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

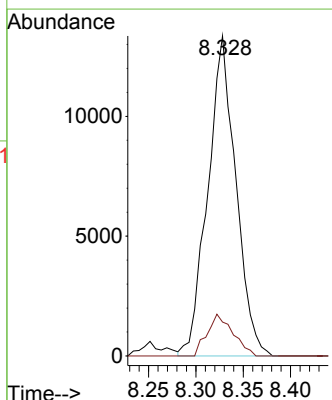
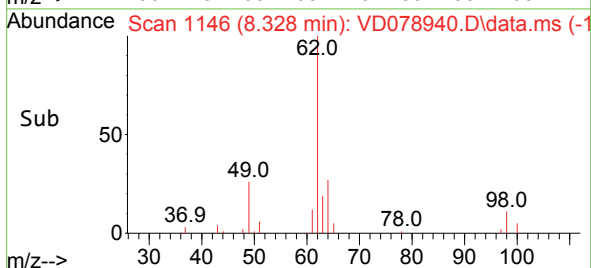
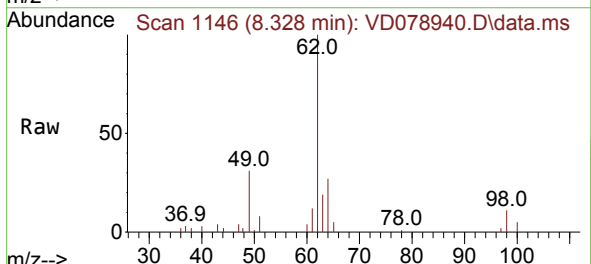


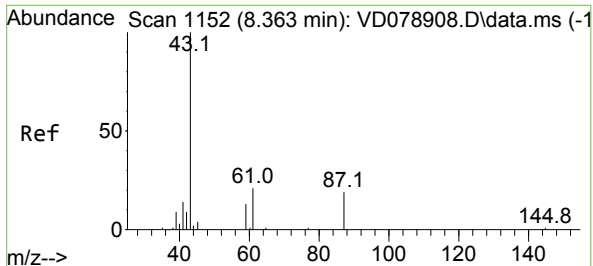
Tgt Ion:	41	Resp:	5569
Ion	Ratio	Lower	Upper
41	100		
39	57.6	41.4	62.0
67	105.4	85.8	128.6
52	41.0	30.4	45.6



#42
1,2-Dichloroethane
Concen: 19.363 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:	62	Resp:	27534
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.8

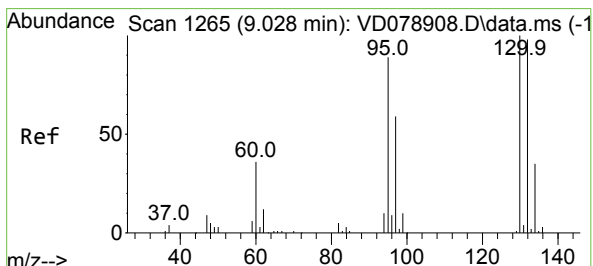
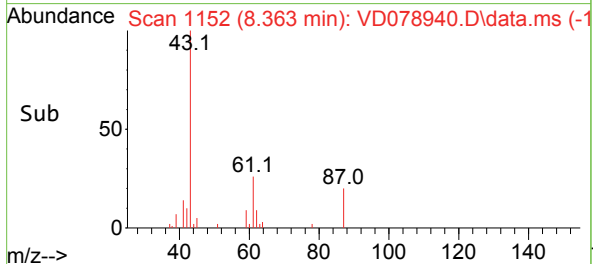
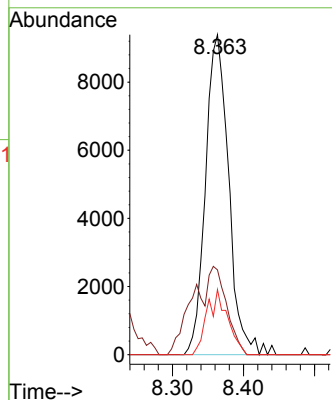
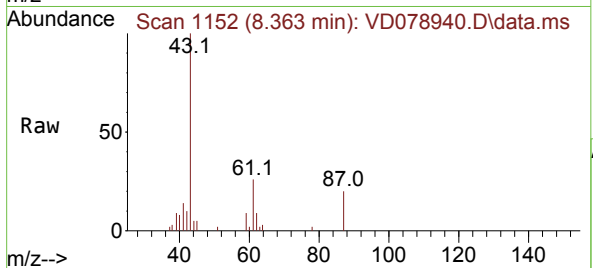




#43
Isopropyl Acetate
Concen: 19.417 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

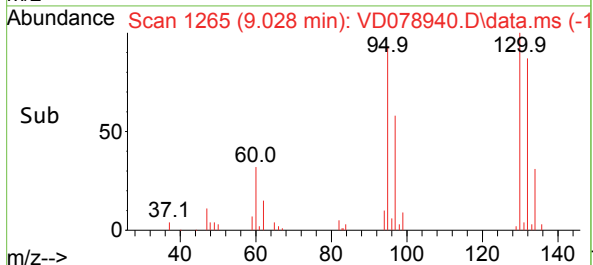
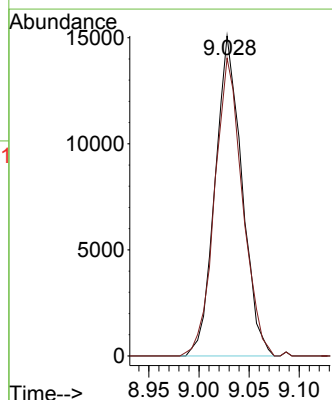
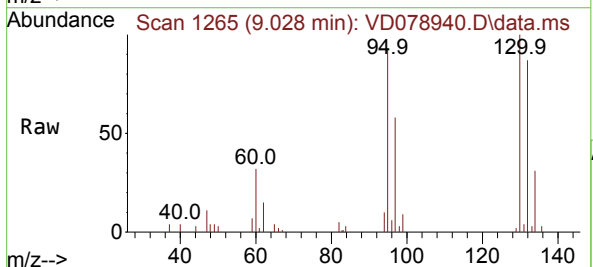
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

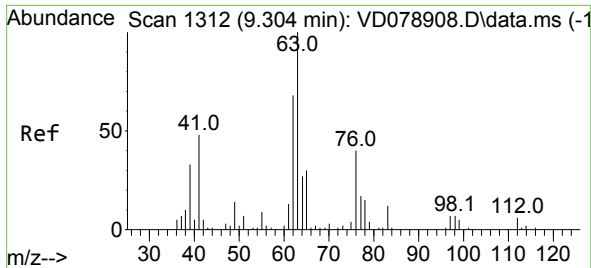
Tgt Ion: 43 Resp: 21327
Ion Ratio Lower Upper
43 100
61 21.9 29.3 43.9#
87 18.1 14.9 22.3



#44
Trichloroethene
Concen: 18.007 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:130 Resp: 28060
Ion Ratio Lower Upper
130 100
95 93.1 0.0 177.8

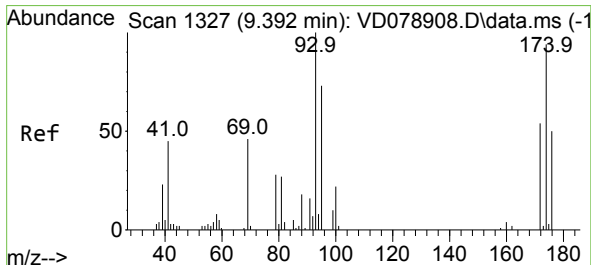
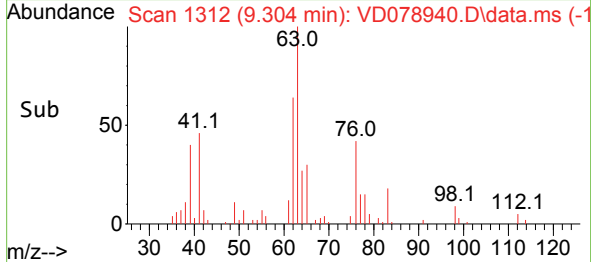
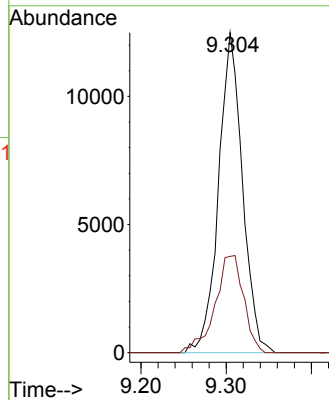
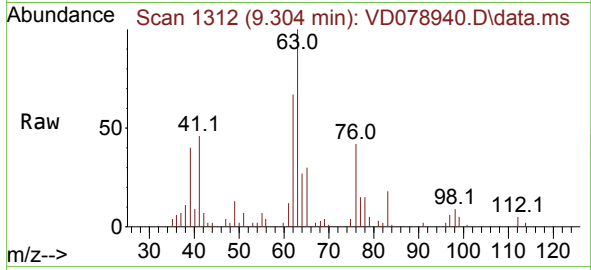




#45
1,2-Dichloropropane
Concen: 18.841 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

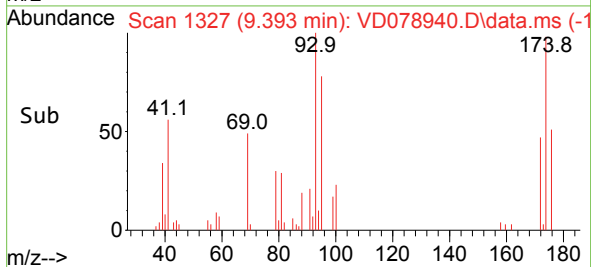
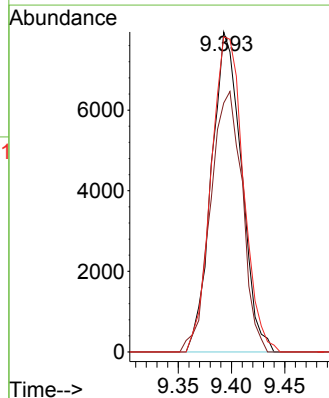
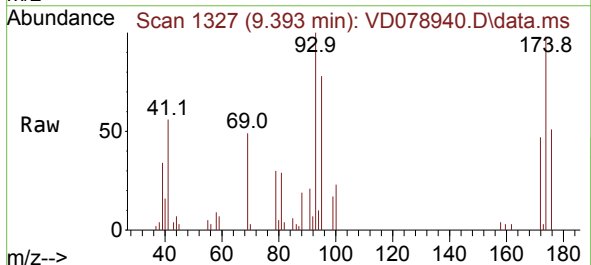
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

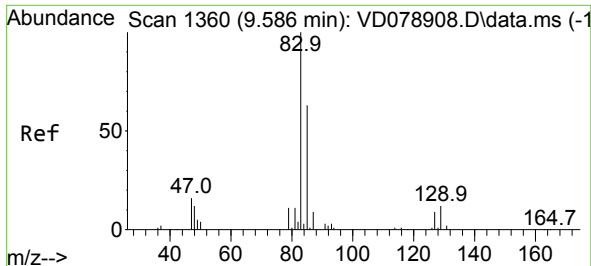
Tgt Ion: 63 Resp: 24324
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.8



#46
Dibromomethane
Concen: 18.304 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 93 Resp: 15556
Ion Ratio Lower Upper
93 100
95 86.0 65.6 98.4
174 105.5 82.3 123.5

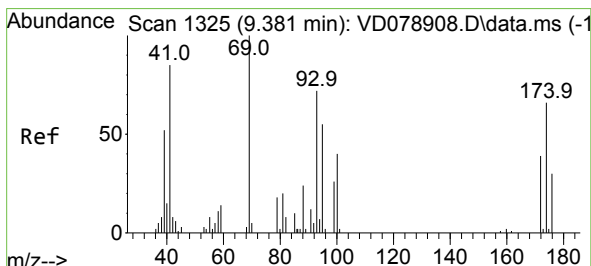
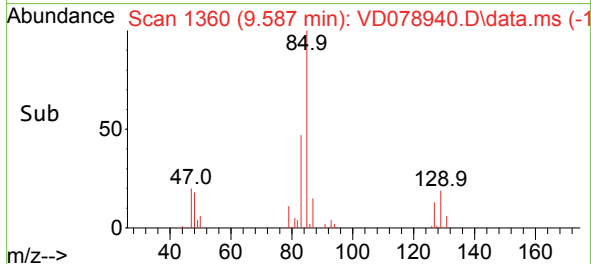
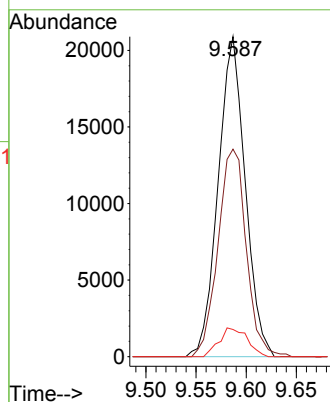
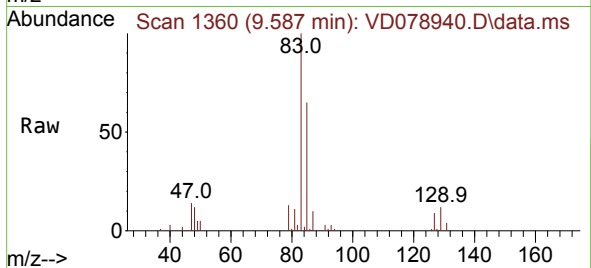




#47
Bromodichloromethane
Concen: 19.130 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

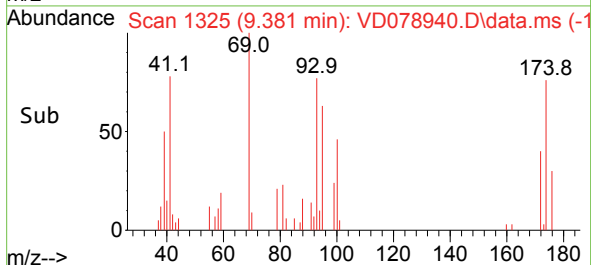
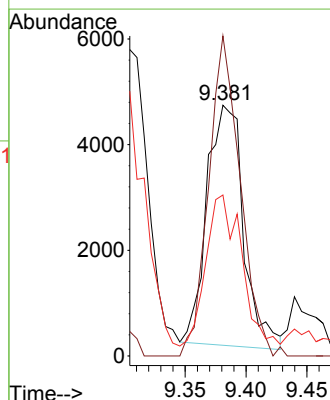
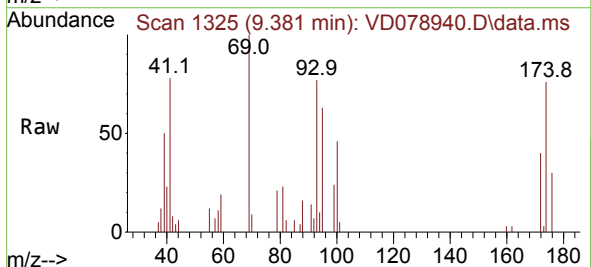
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

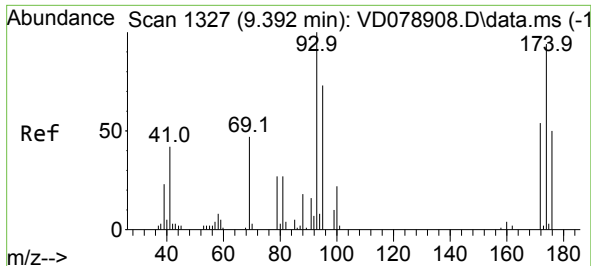
Tgt Ion: 83 Resp: 39137
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 17.782 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

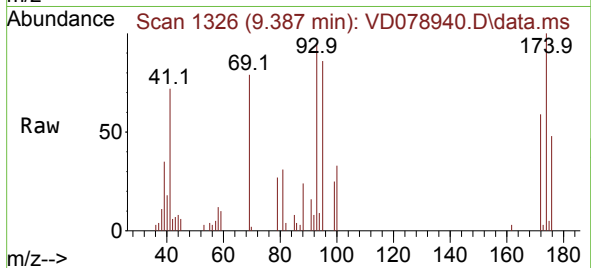
Tgt Ion: 41 Resp: 9508
Ion Ratio Lower Upper
41 100
69 115.4 96.7 145.1
39 70.3 43.8 65.6





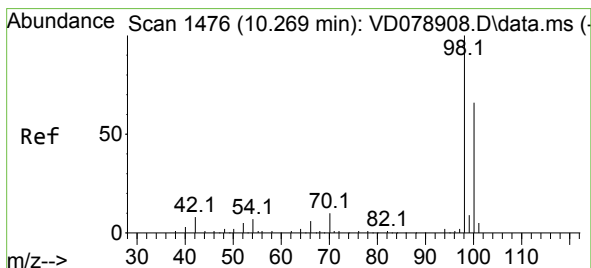
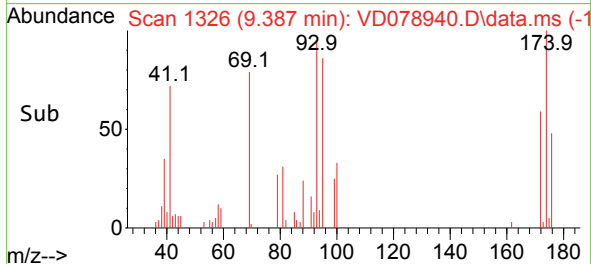
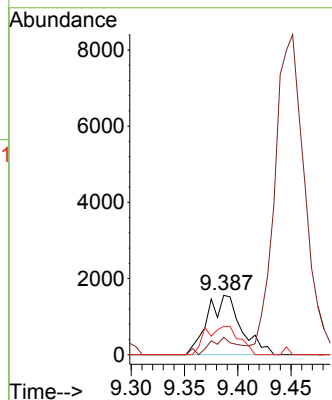
#49
1,4-Dioxane
Concen: 459.213 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.005 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01



Tgt Ion: 88 Resp: 3433

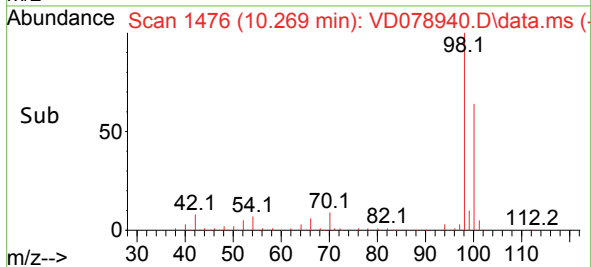
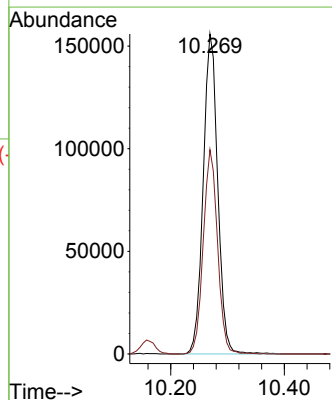
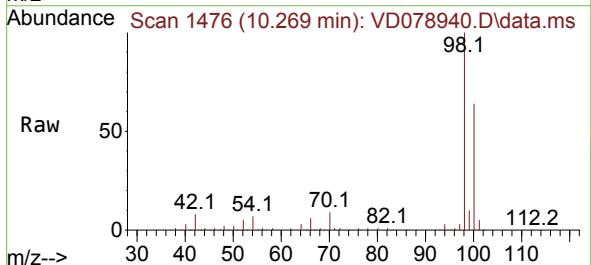
Ion	Ratio	Lower	Upper
88	100		
43	25.4	21.5	32.3
58	47.2	42.2	63.4

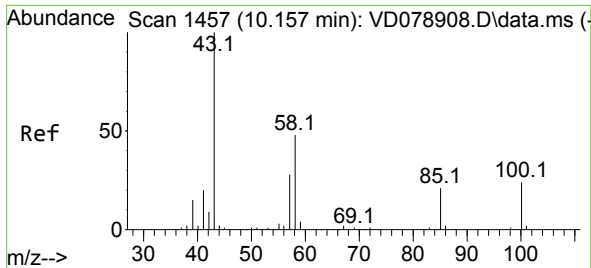


#50
Toluene-d8
Concen: 50.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 98 Resp: 276048

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.6	77.4

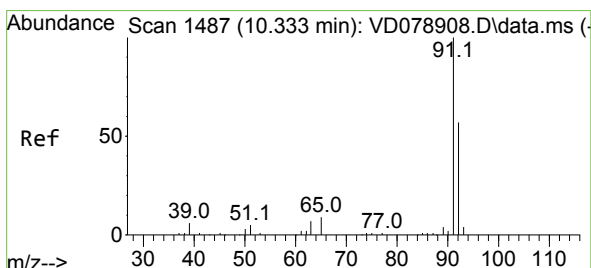
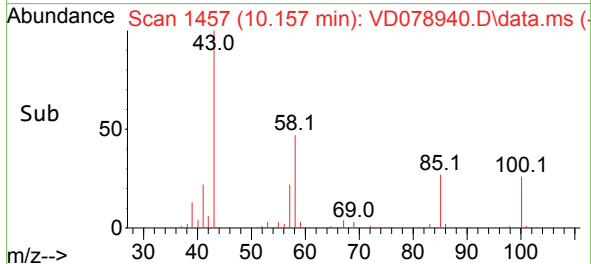
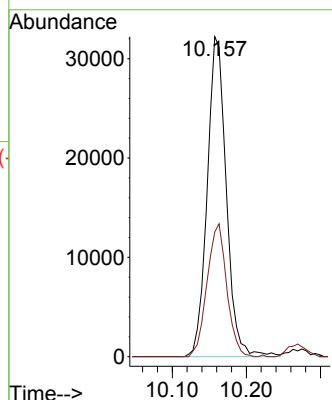
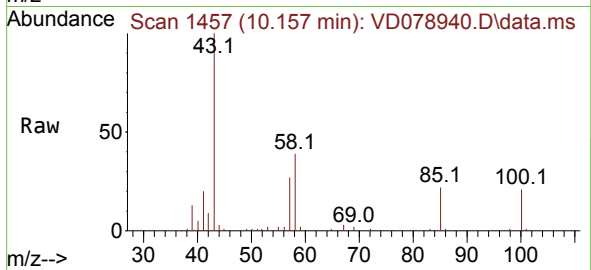




#51
4-Methyl-2-Pentanone
Concen: 98.623 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

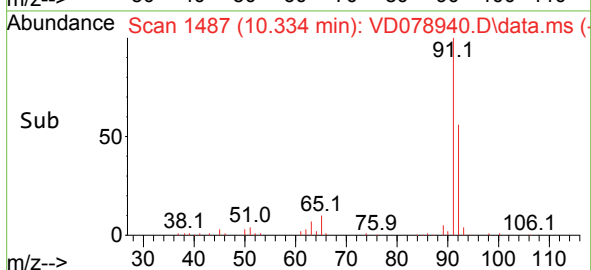
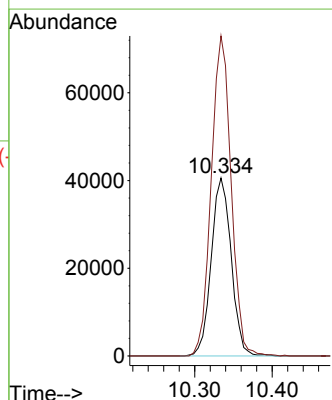
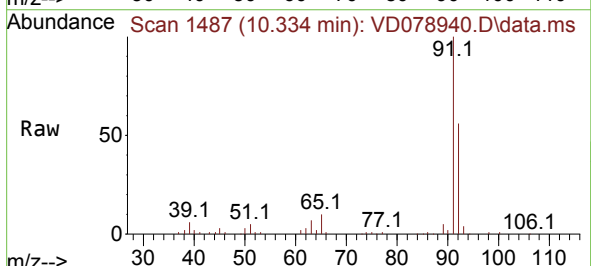
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

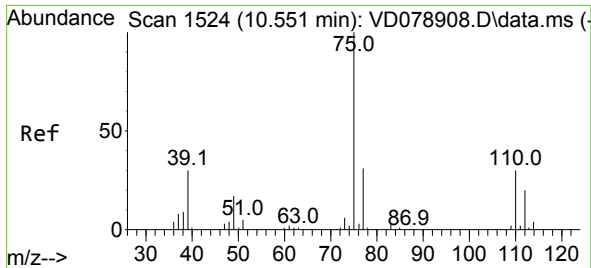
Tgt Ion: 43 Resp: 57697
Ion Ratio Lower Upper
43 100
58 42.7 36.6 55.0



#52
Toluene
Concen: 19.324 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 92 Resp: 72669
Ion Ratio Lower Upper
92 100
91 178.9 141.7 212.5

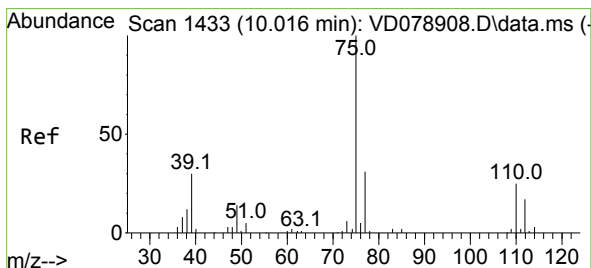
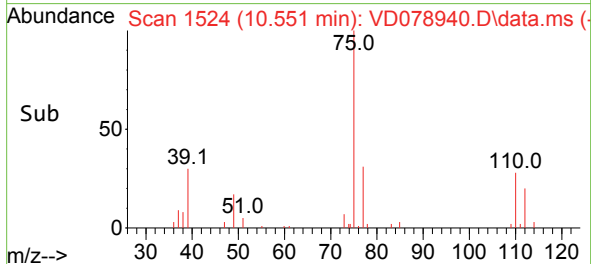
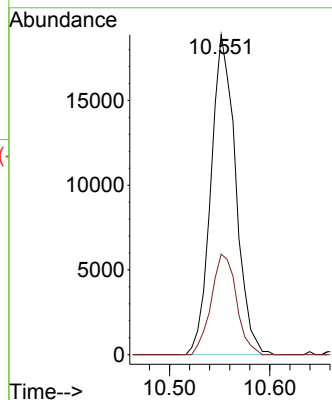
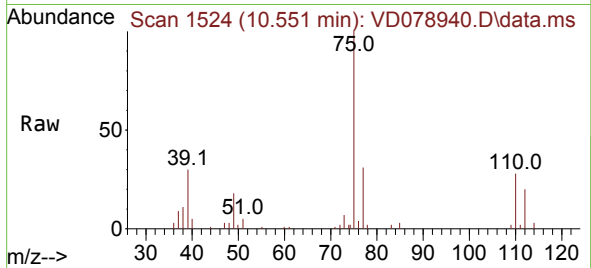




#53
t-1,3-Dichloropropene
Concen: 18.539 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

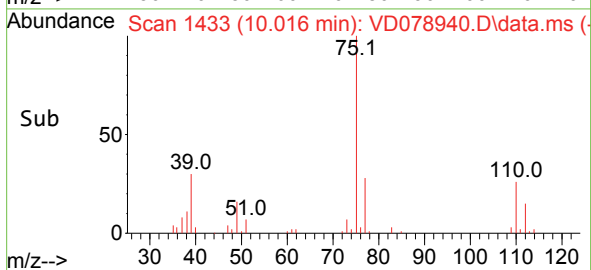
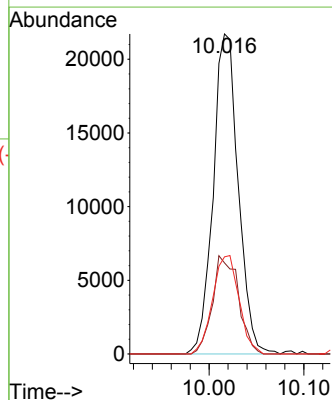
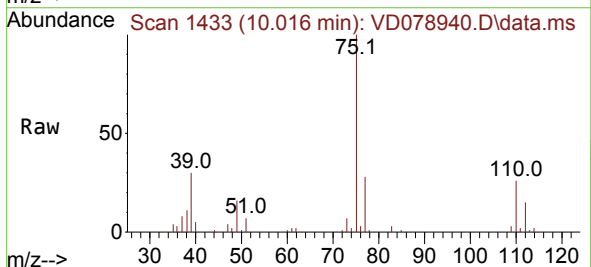
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

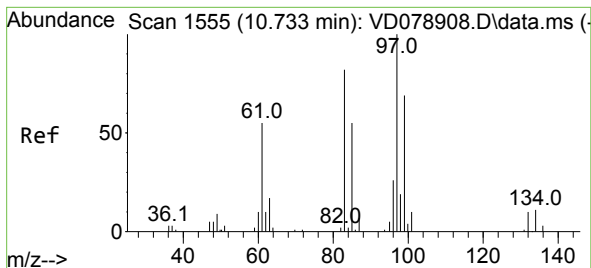
Tgt Ion: 75 Resp: 32228
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.153 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 75 Resp: 39964
Ion Ratio Lower Upper
75 100
77 28.4 24.4 36.6
39 30.4 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 19.246 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion: 97 Resp: 21132

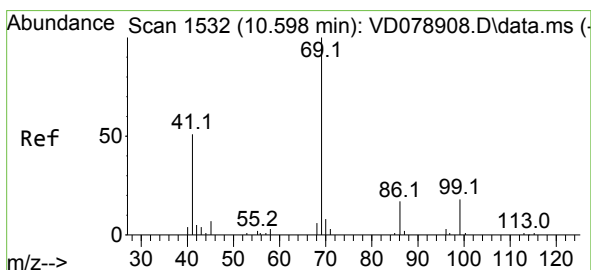
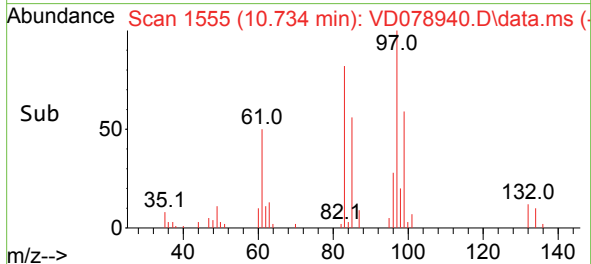
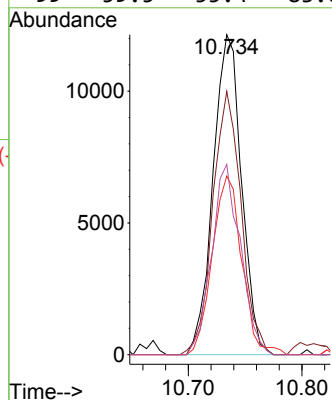
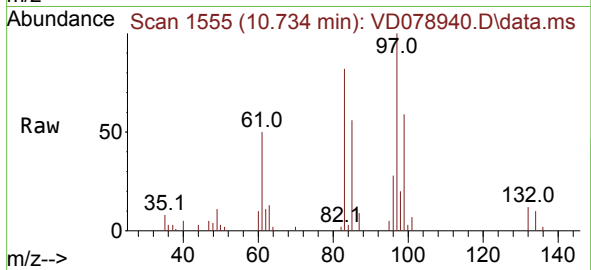
Ion Ratio Lower Upper

97 100

83 82.3 65.8 98.8

85 55.8 43.8 65.8

99 59.5 55.4 83.0



#56

Ethyl methacrylate

Concen: 18.682 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

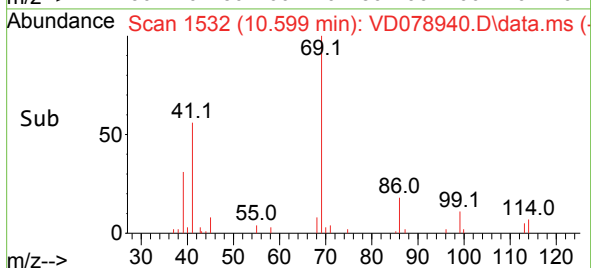
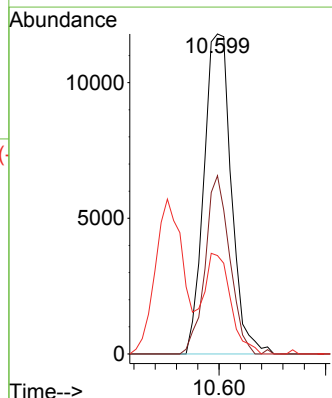
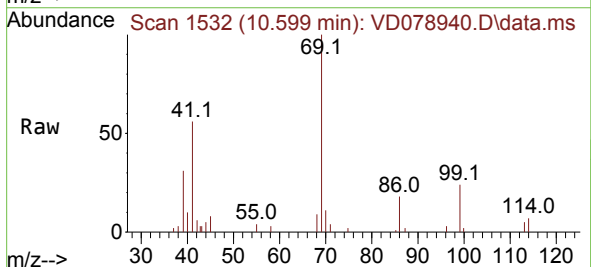
Tgt Ion: 69 Resp: 21104

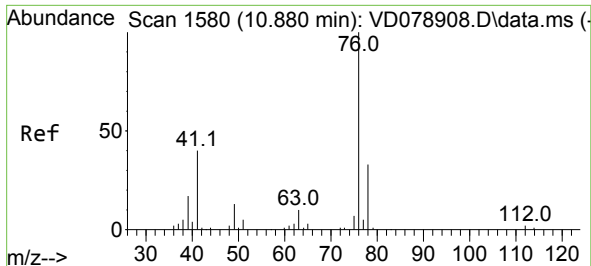
Ion Ratio Lower Upper

69 100

41 49.8 39.8 59.6

39 31.4 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 18.602 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

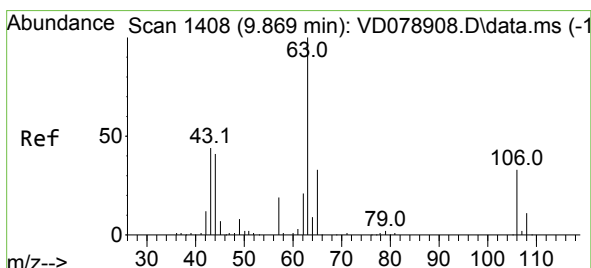
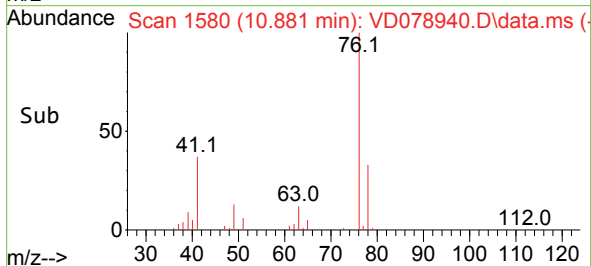
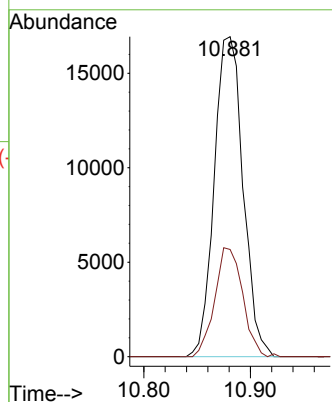
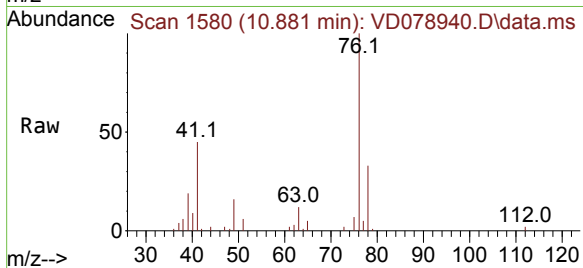
VD0516SBS01

Tgt Ion: 76 Resp: 31804

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 94.498 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078940.D

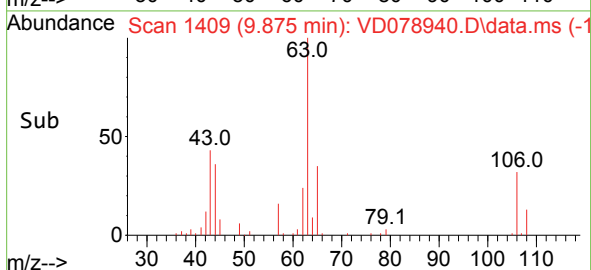
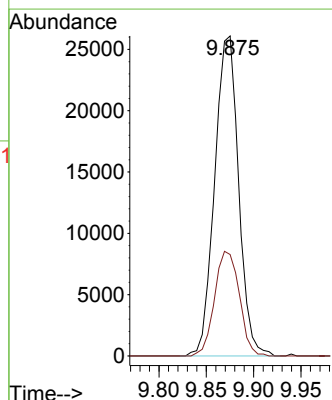
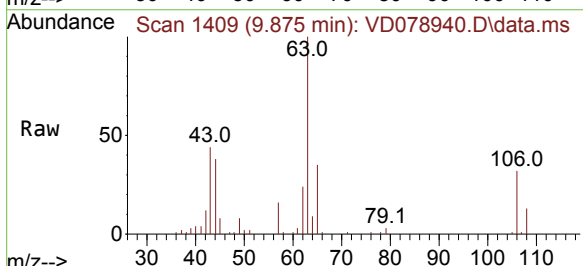
Acq: 16 May 2024 10:53

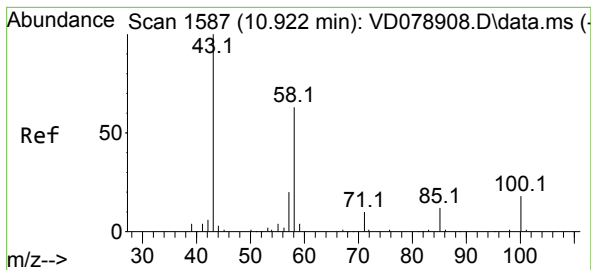
Tgt Ion: 63 Resp: 45868

Ion Ratio Lower Upper

63 100

106 33.8 26.4 39.6

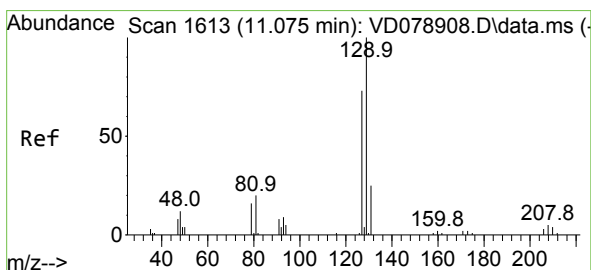
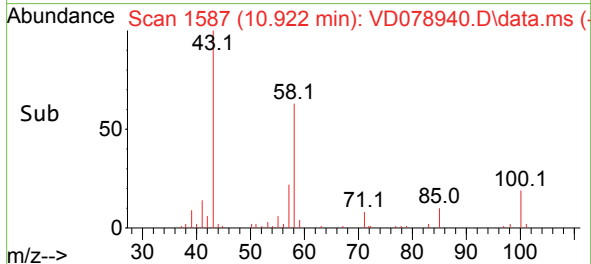
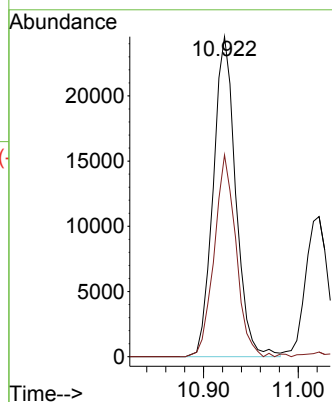
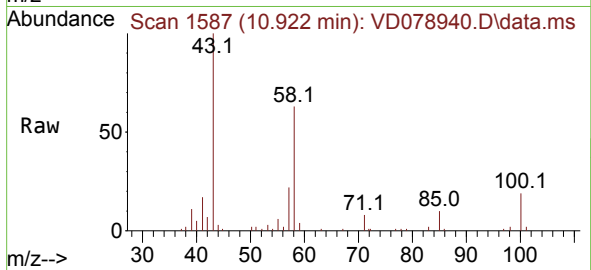




#59
2-Hexanone
Concen: 99.665 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

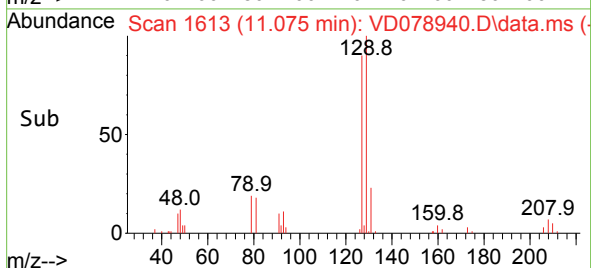
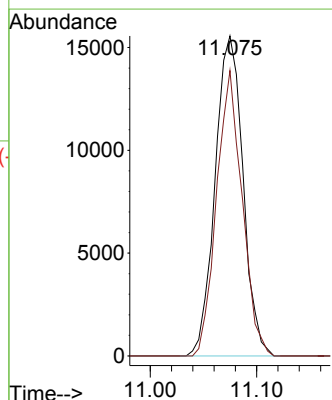
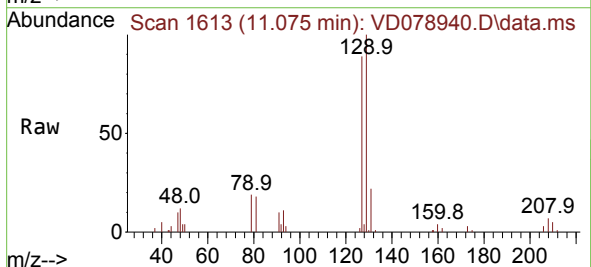
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

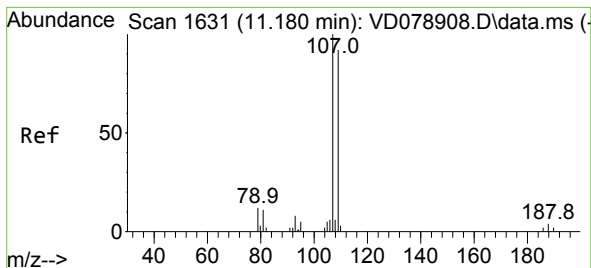
Tgt Ion: 43 Resp: 40584
Ion Ratio Lower Upper
43 100
58 60.9 31.1 93.5



#60
Dibromochloromethane
Concen: 18.862 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 129 Resp: 28232
Ion Ratio Lower Upper
129 100
127 81.9 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.489 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

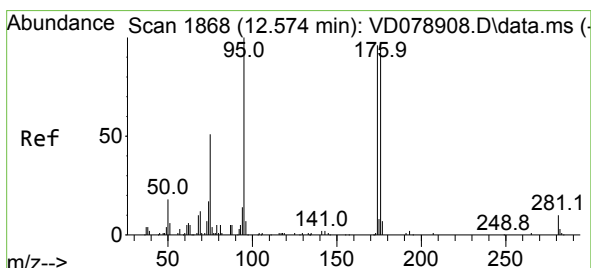
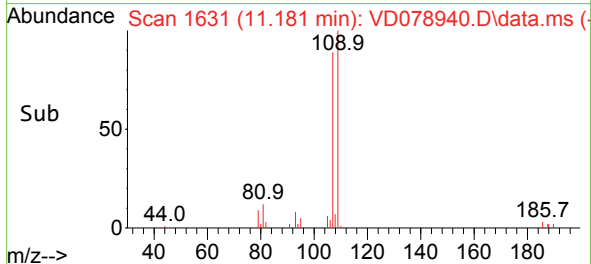
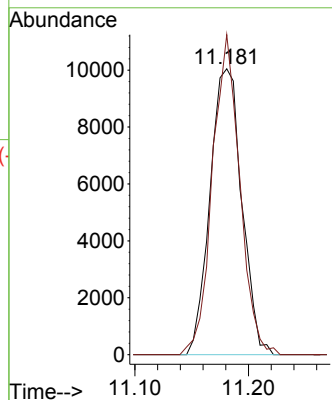
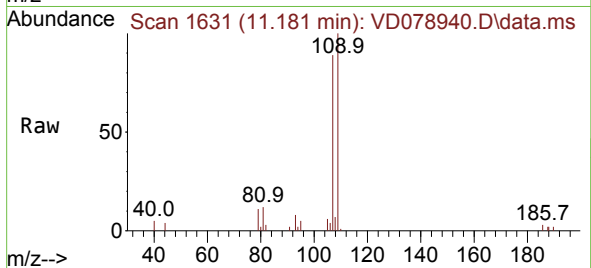
VD0516SBS01

Tgt Ion:107 Resp: 19511

Ion Ratio Lower Upper

107 100

109 96.6 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 49.797 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

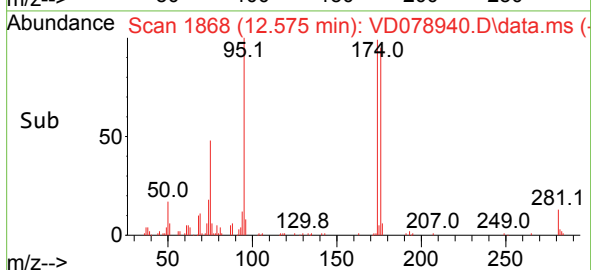
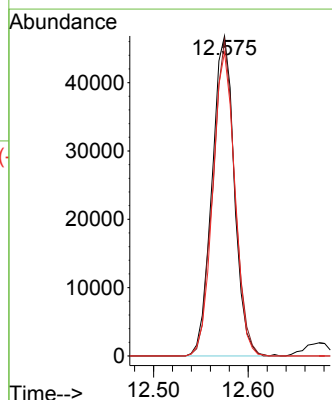
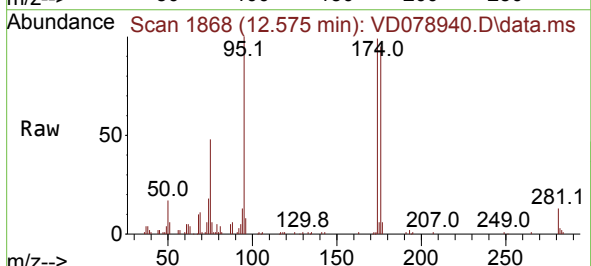
Tgt Ion: 95 Resp: 76549

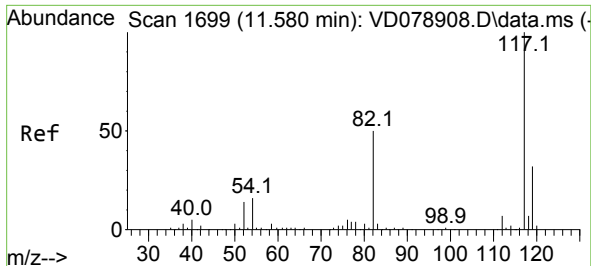
Ion Ratio Lower Upper

95 100

174 96.6 0.0 195.4

176 93.9 0.0 192.6

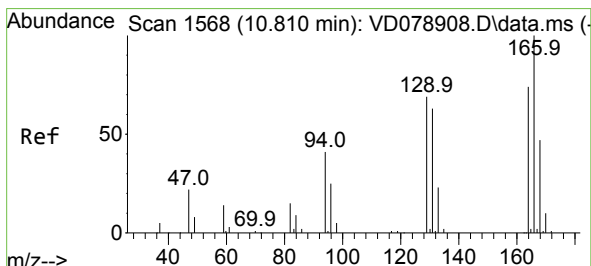
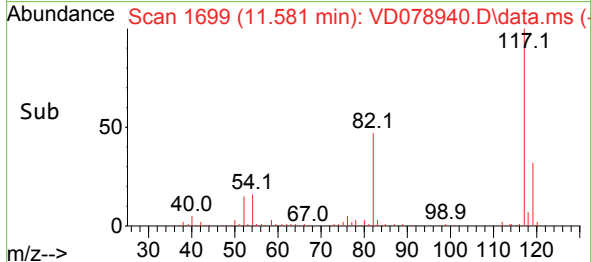
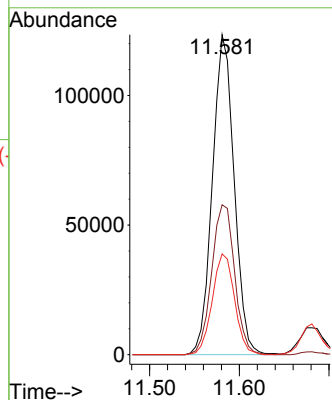
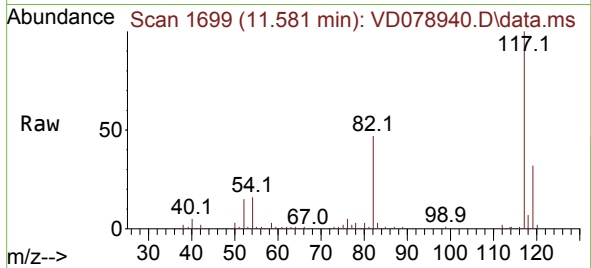




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

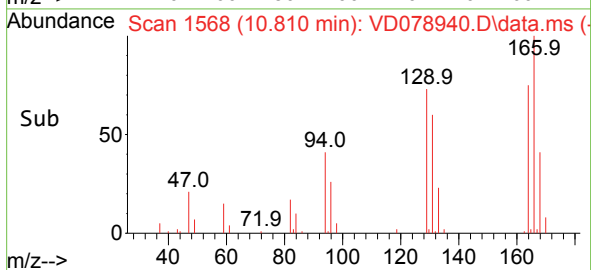
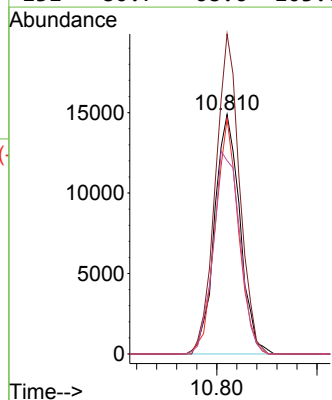
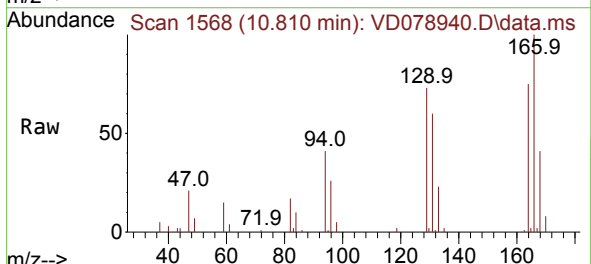
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

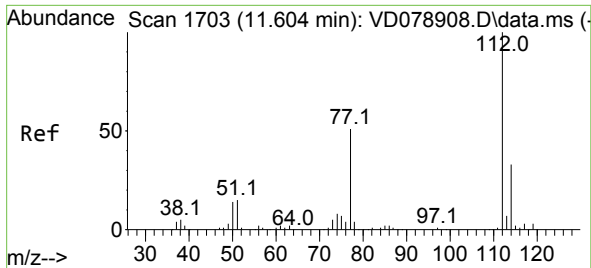
Tgt Ion:117 Resp: 207580
Ion Ratio Lower Upper
117 100
82 46.9 39.8 59.6
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 19.776 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:164 Resp: 26045
Ion Ratio Lower Upper
164 100
166 133.6 108.6 163.0
129 98.1 74.6 112.0
131 80.7 68.6 103.0

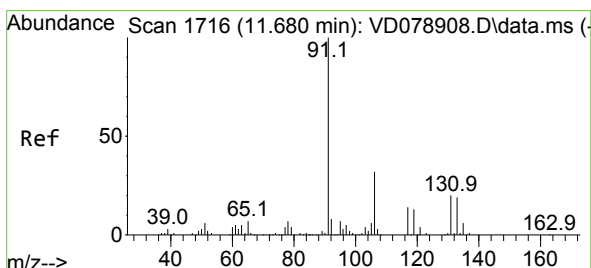
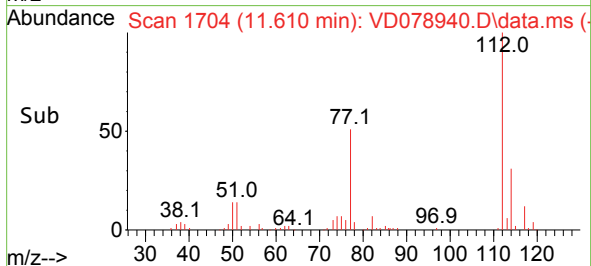
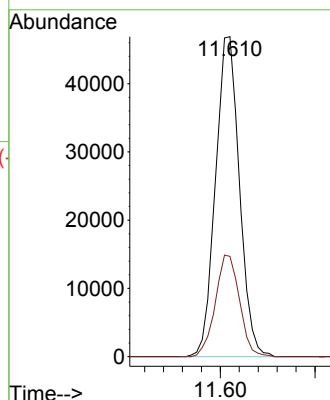
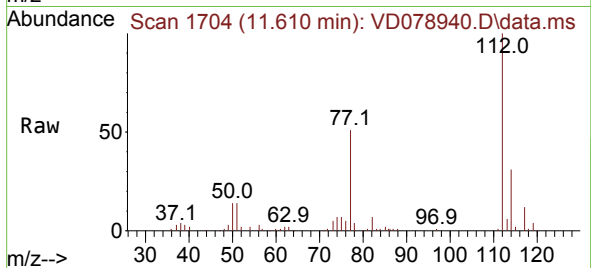




#65
Chlorobenzene
Concen: 19.062 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

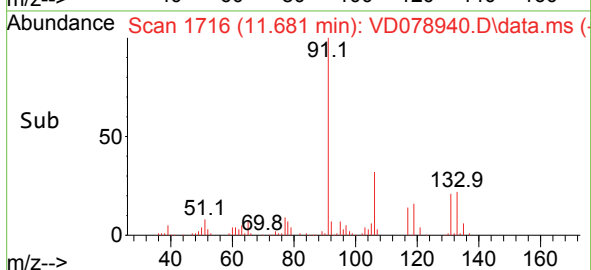
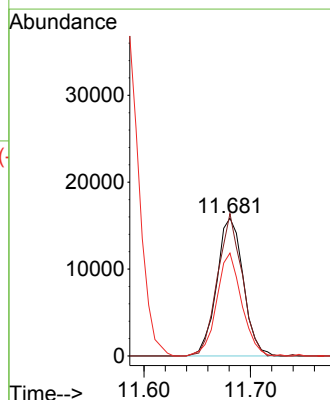
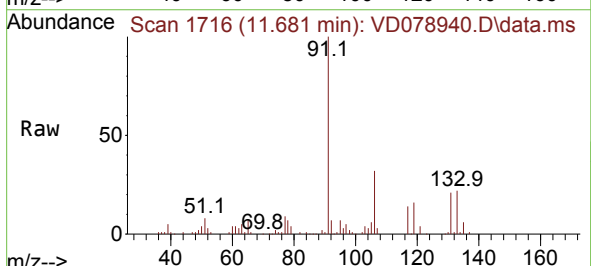
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

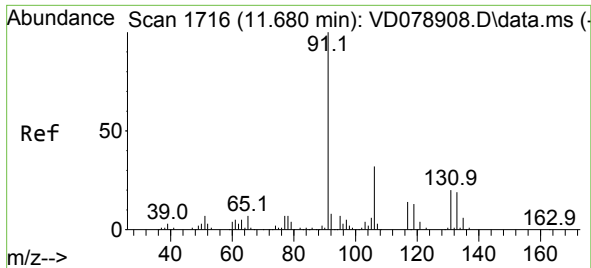
Tgt Ion:112 Resp: 82305
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.408 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:131 Resp: 27477
Ion Ratio Lower Upper
131 100
133 95.8 49.2 147.6
119 70.3 33.4 100.2

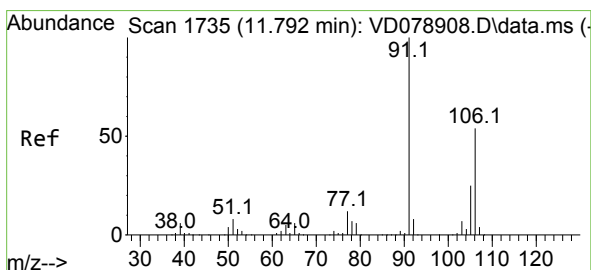
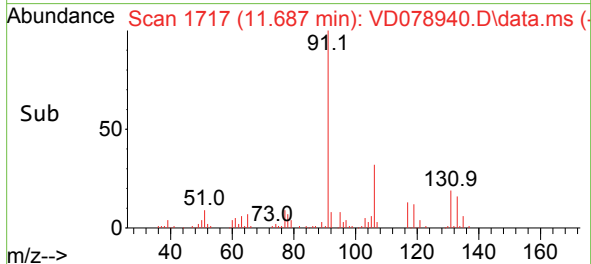
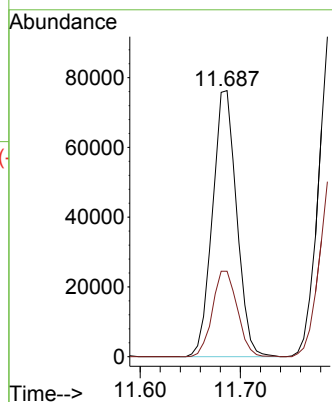
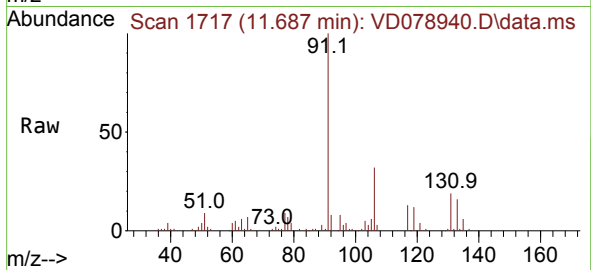




#67
Ethyl Benzene
Concen: 18.402 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

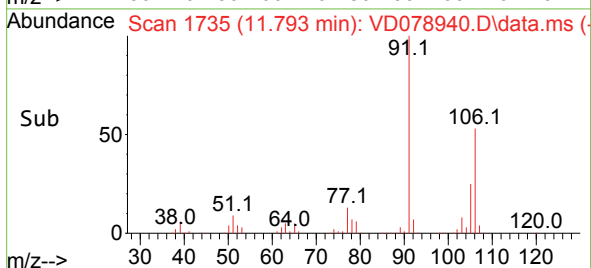
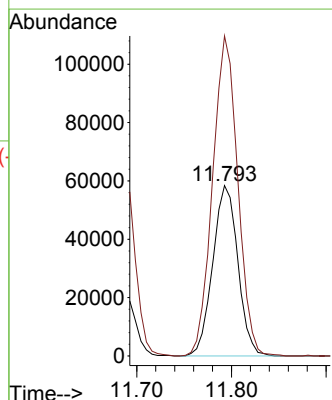
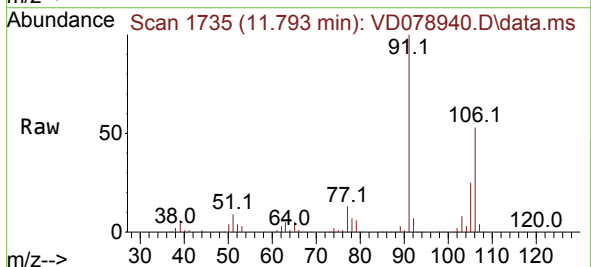
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

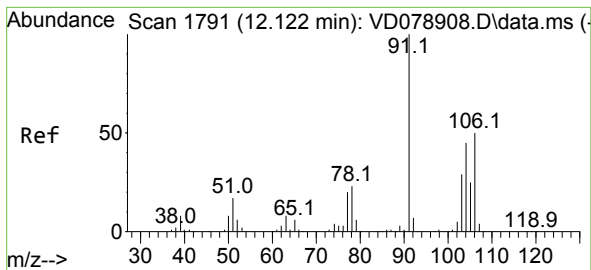
Tgt Ion: 91 Resp: 127805
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 38.032 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:106 Resp: 107387
Ion Ratio Lower Upper
106 100
91 188.5 148.5 222.7

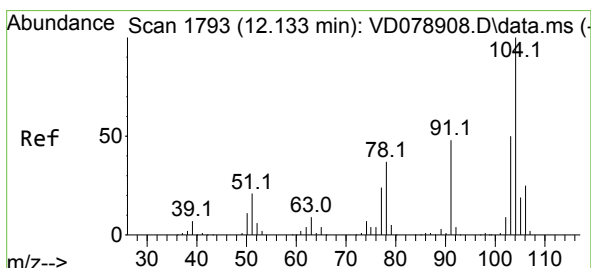
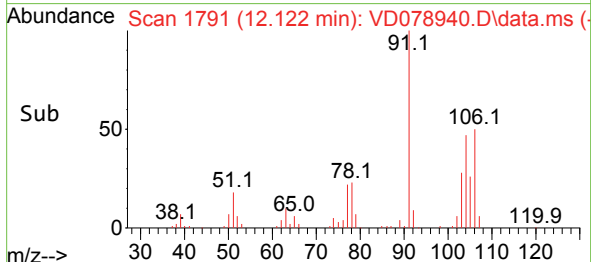
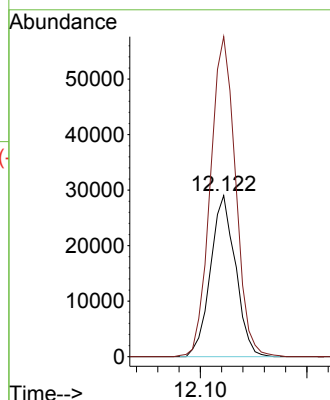
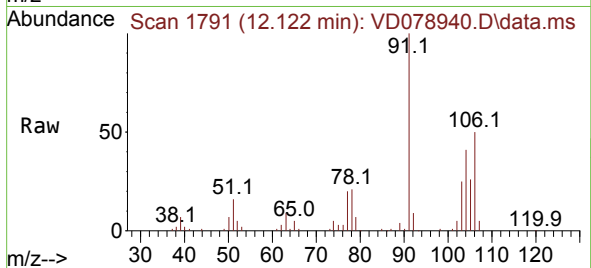




#69
o-Xylene
Concen: 18.394 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

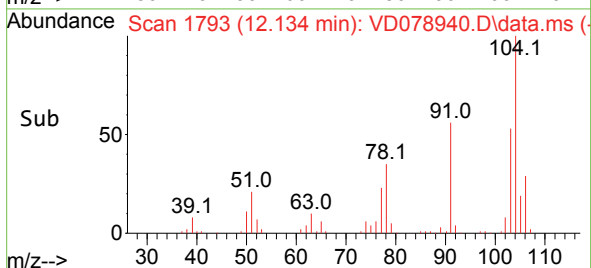
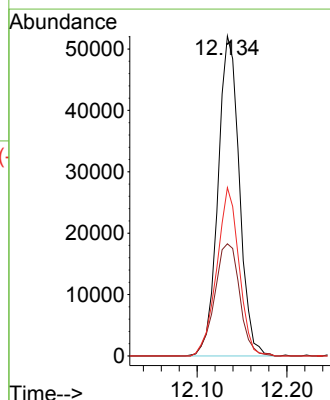
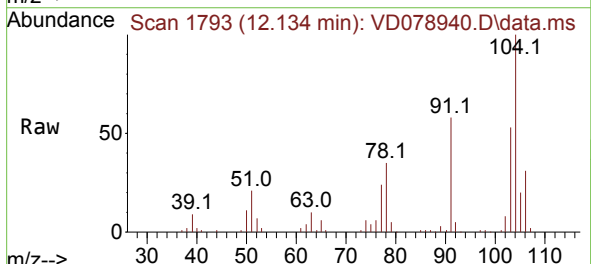
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

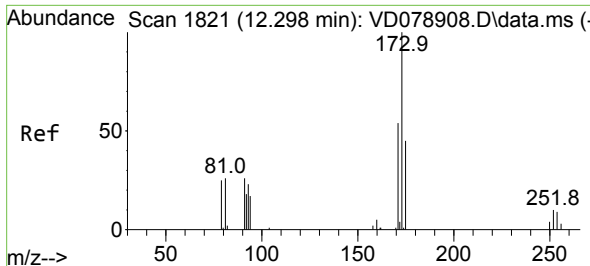
Tgt Ion:106 Resp: 47348
Ion Ratio Lower Upper
106 100
91 200.3 96.7 290.1



#70
Styrene
Concen: 18.855 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:104 Resp: 86019
Ion Ratio Lower Upper
104 100
78 41.2 33.0 49.6
103 54.8 44.2 66.4

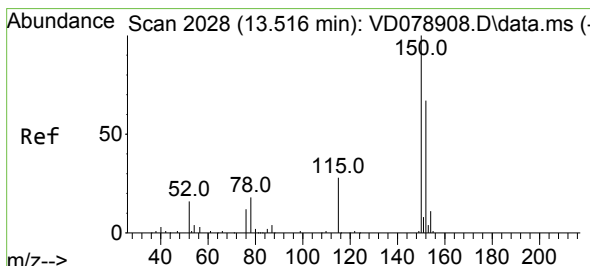
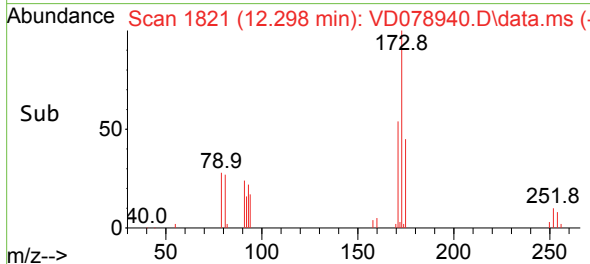
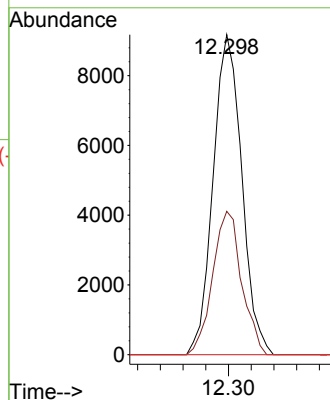
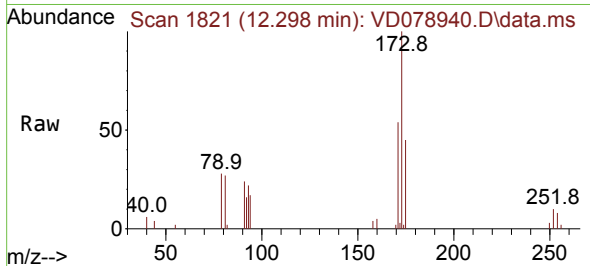




#71
Bromoform
Concen: 18.787 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

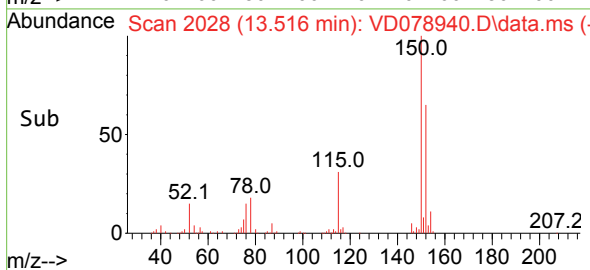
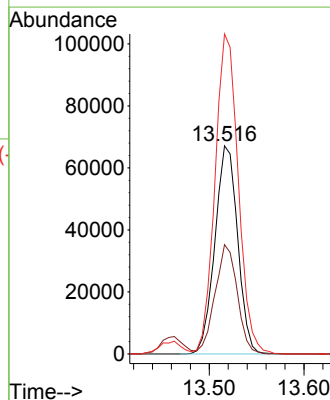
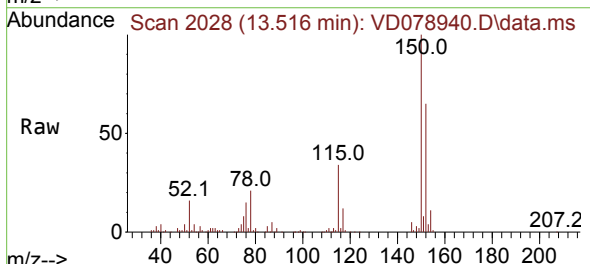
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

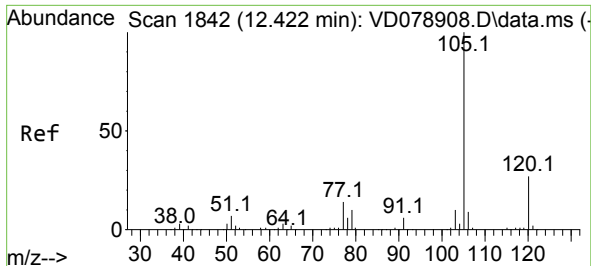
Tgt Ion:173 Resp: 16064
Ion Ratio Lower Upper
173 100
175 45.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:152 Resp: 112024
Ion Ratio Lower Upper
152 100
115 51.3 26.5 79.5
150 157.2 0.0 341.6

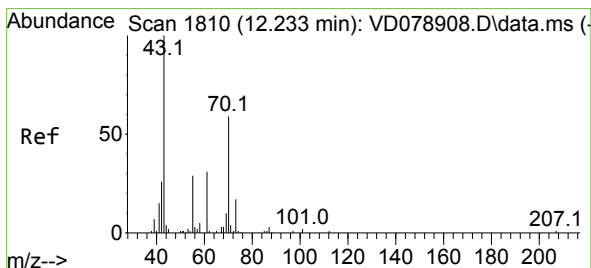
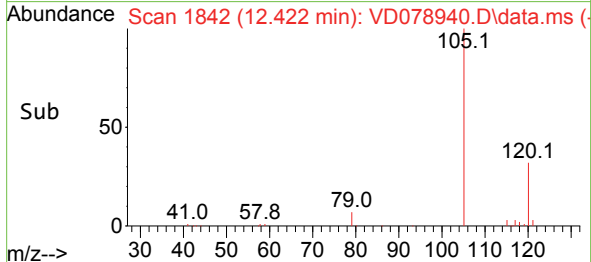
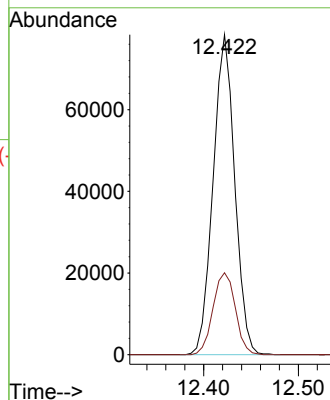
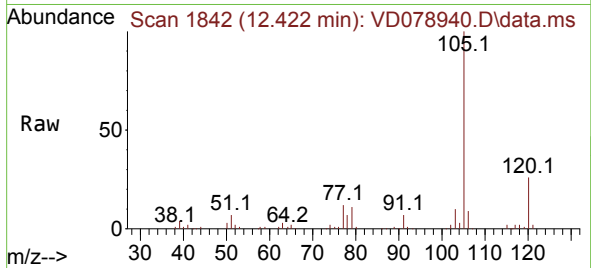




#73
Isopropylbenzene
Concen: 18.566 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

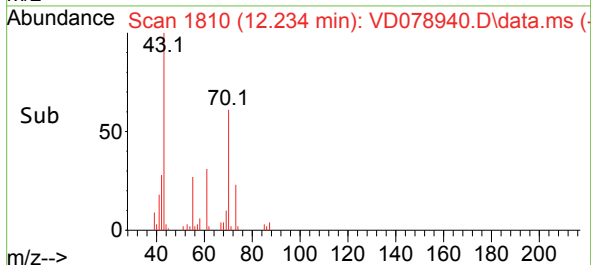
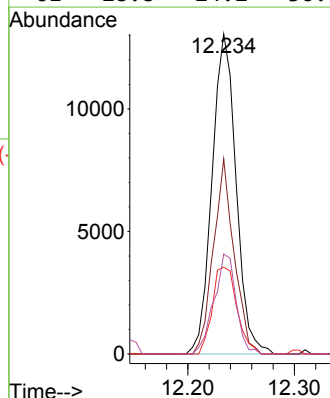
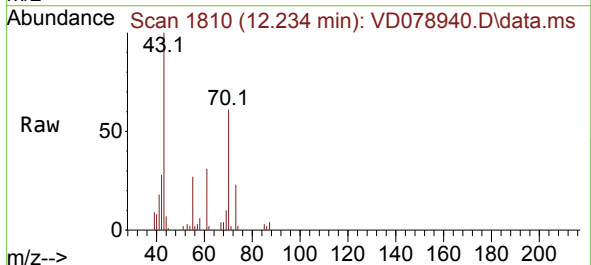
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

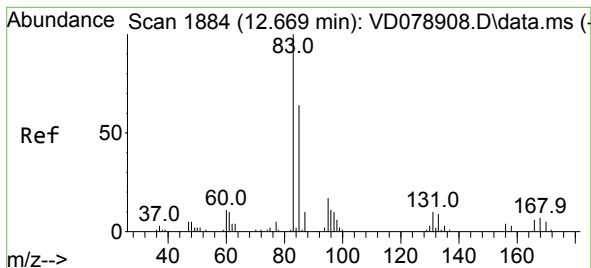
Tgt Ion:105 Resp: 124135
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7



#74
N-ethyl acetate
Concen: 18.821 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 43 Resp: 20419
Ion Ratio Lower Upper
43 100
70 52.6 44.3 66.5
55 27.8 23.2 34.8
61 28.8 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.526 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

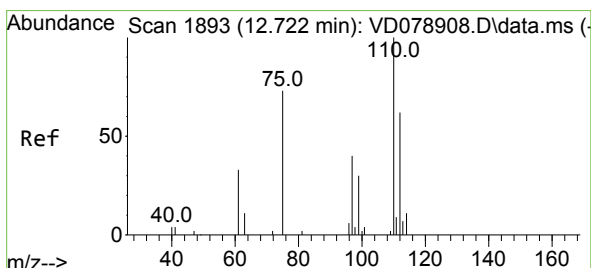
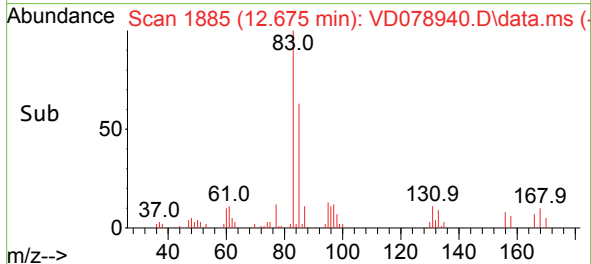
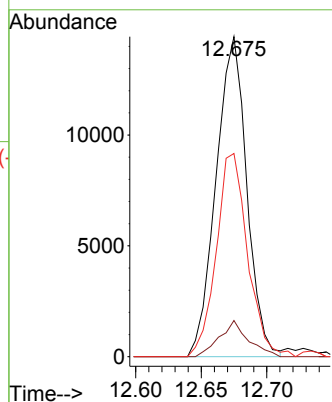
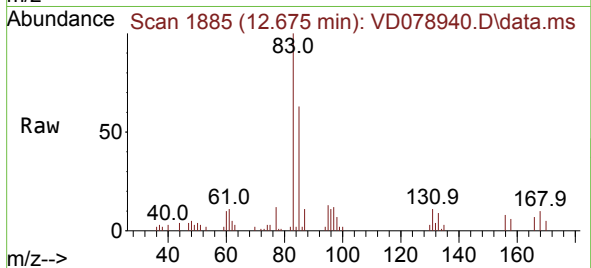
Tgt Ion: 83 Resp: 23549

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

85 64.5 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 34.327 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.005 min

Lab File: VD078940.D

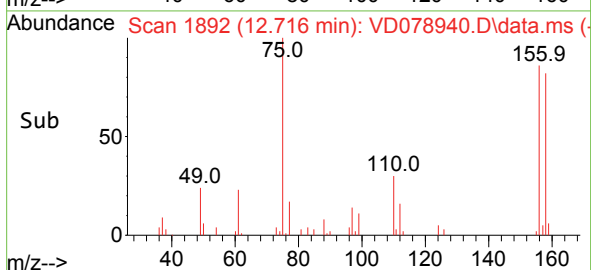
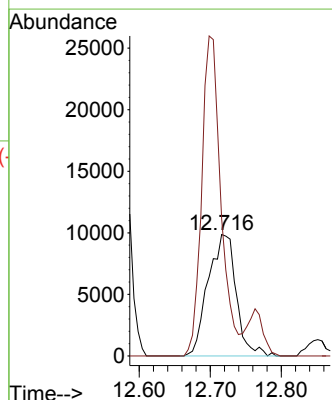
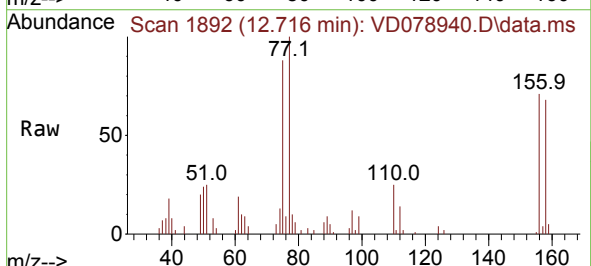
Acq: 16 May 2024 10:53

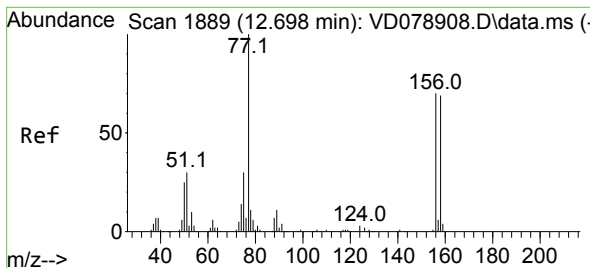
Tgt Ion: 75 Resp: 27072

Ion Ratio Lower Upper

75 100

77 180.0 0.0 0.0#





#77

Bromobenzene

Concen: 18.080 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

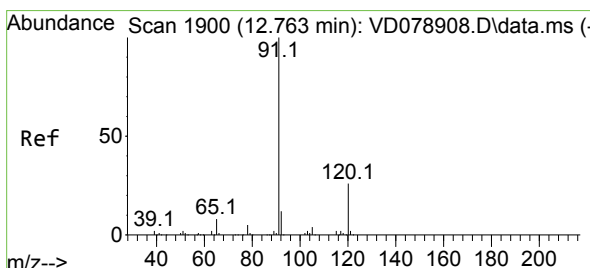
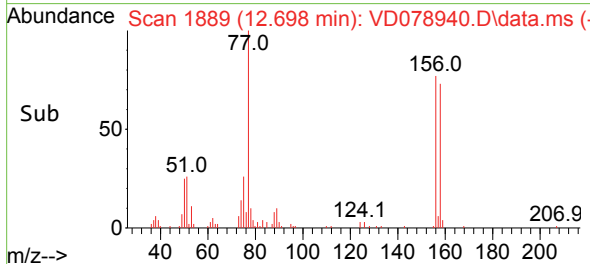
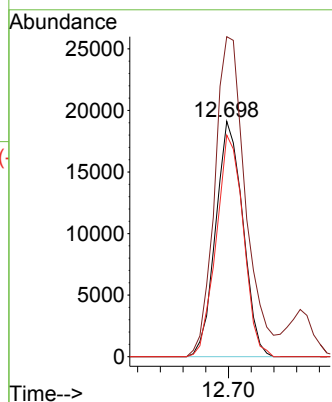
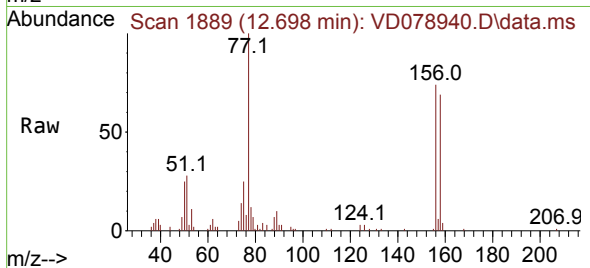
Tgt Ion:156 Resp: 31789

Ion Ratio Lower Upper

156 100

77 153.3 77.3 231.9

158 93.8 49.6 149.0



#78

n-propylbenzene

Concen: 19.285 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078940.D

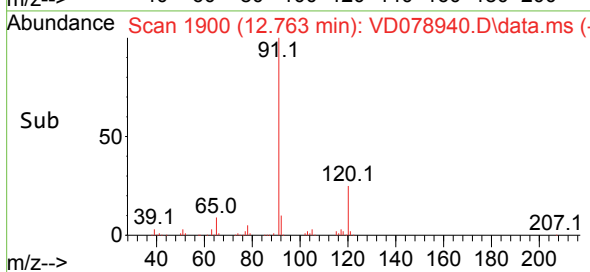
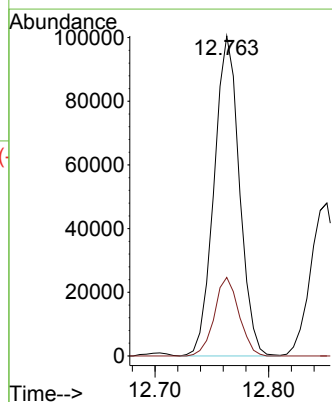
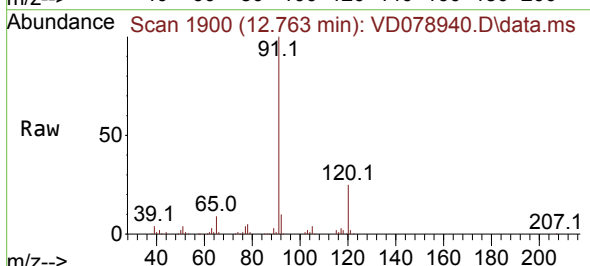
Acq: 16 May 2024 10:53

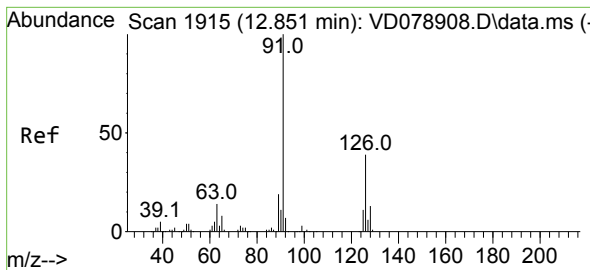
Tgt Ion: 91 Resp: 155853

Ion Ratio Lower Upper

91 100

120 23.7 12.3 36.8





#79

2-Chlorotoluene

Concen: 18.253 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

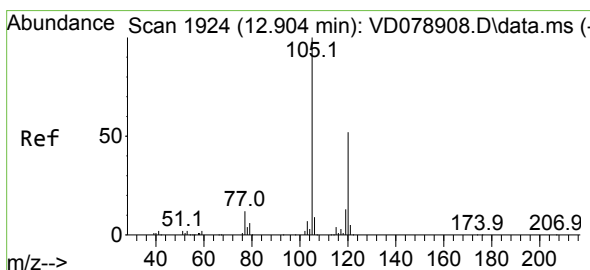
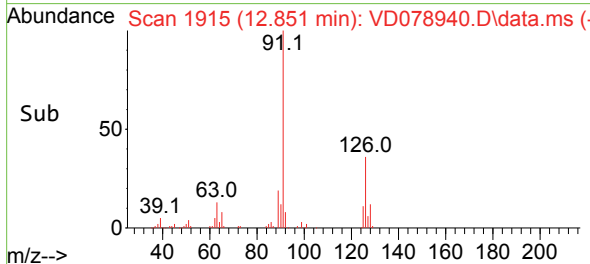
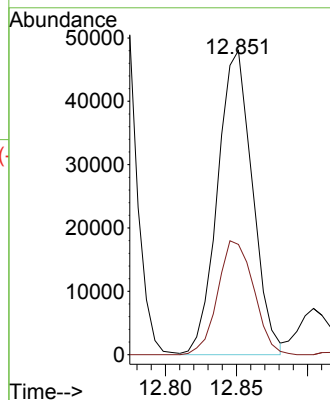
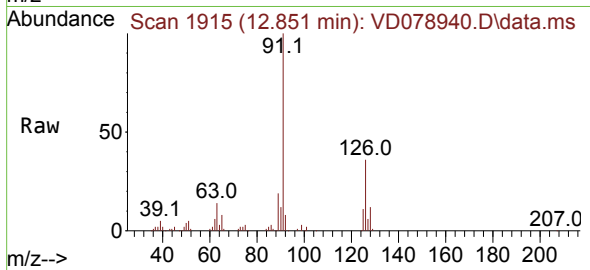
VD0516SBS01

Tgt Ion: 91 Resp: 81987

Ion Ratio Lower Upper

91 100

126 38.7 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 18.139 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078940.D

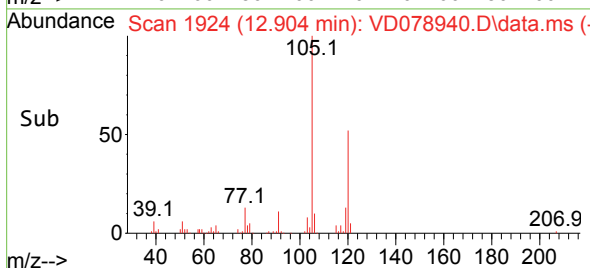
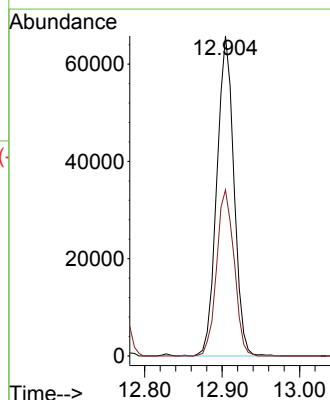
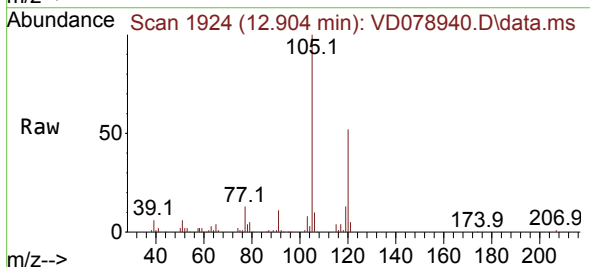
Acq: 16 May 2024 10:53

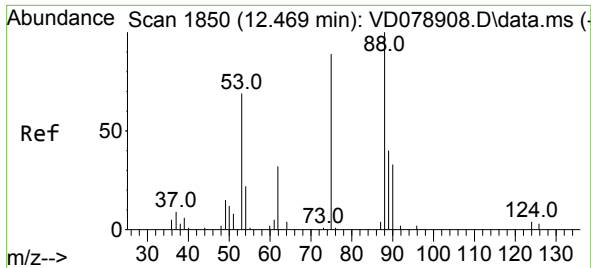
Tgt Ion: 105 Resp: 100760

Ion Ratio Lower Upper

105 100

120 53.1 25.7 77.1

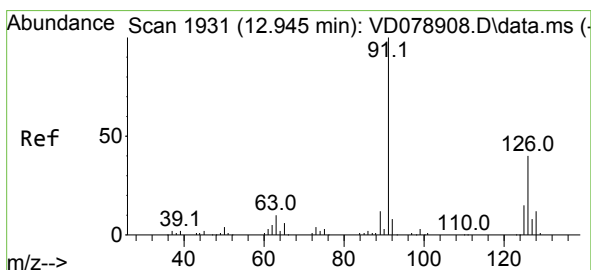
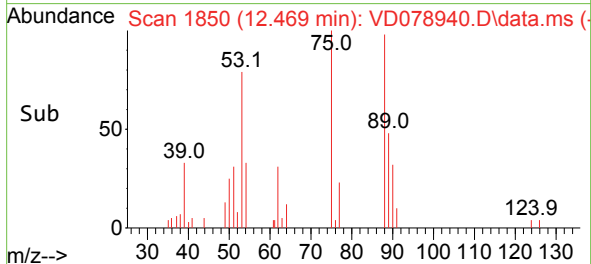
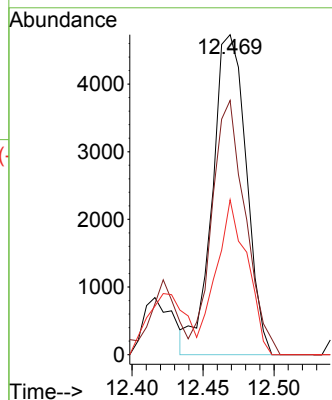
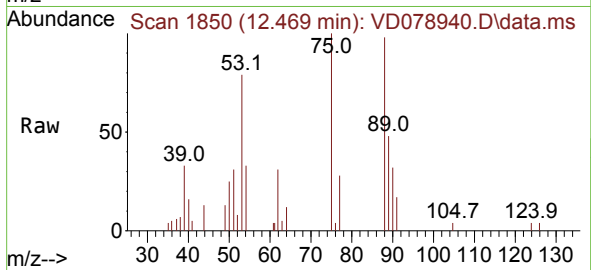




#81
trans-1,4-Dichloro-2-butene
Concen: 19.733 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

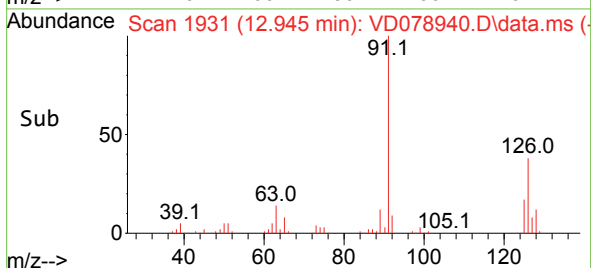
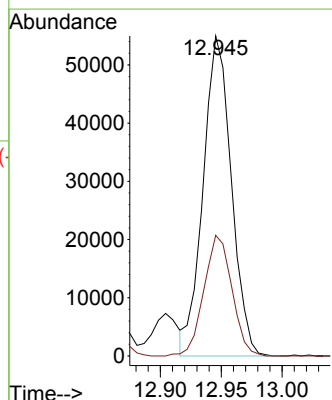
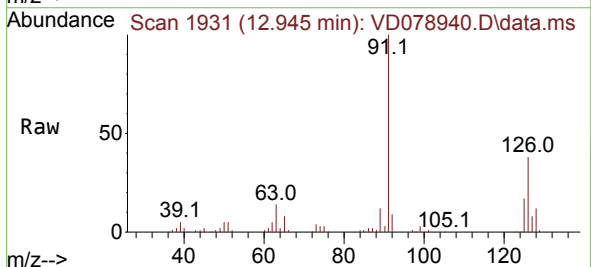
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

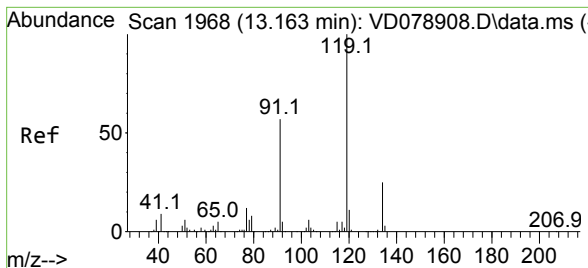
Tgt Ion:	75	Resp:	7848
Ion	Ratio	Lower	Upper
75	100		
53	78.5	61.4	92.2
89	44.3	35.4	53.0



#82
4-Chlorotoluene
Concen: 18.789 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion:	91	Resp:	88538
Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.9	56.9





#83

tert-Butylbenzene

Concen: 17.996 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

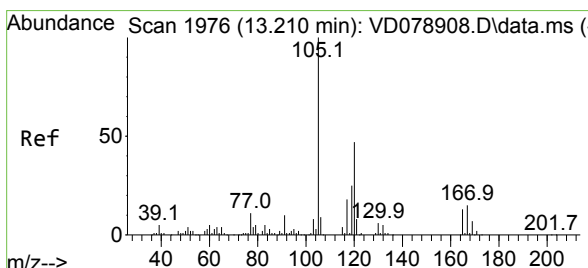
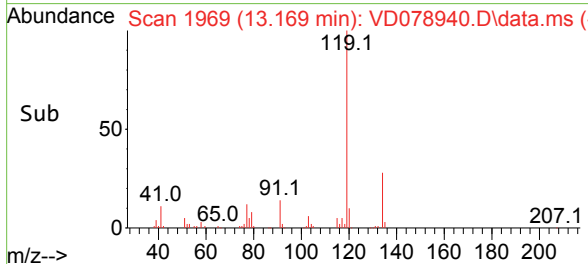
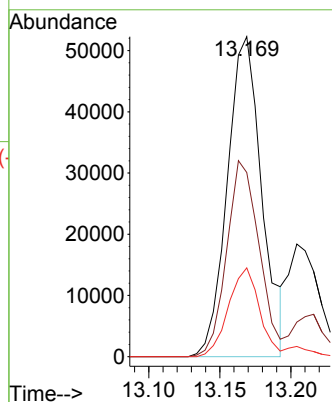
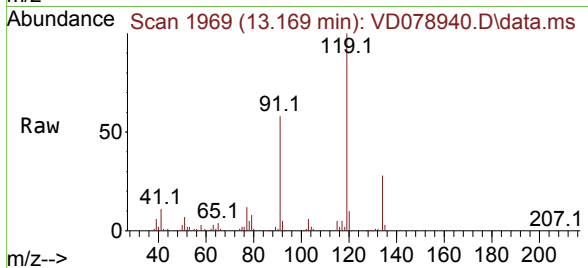
Tgt Ion:119 Resp: 88412

Ion Ratio Lower Upper

119 100

91 57.6 28.2 84.7

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.093 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078940.D

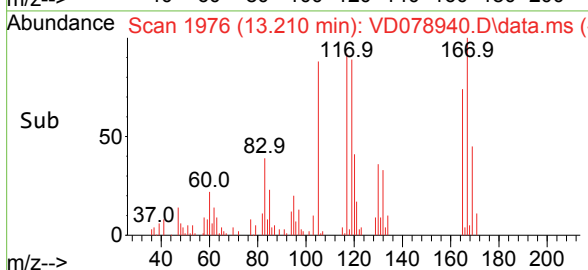
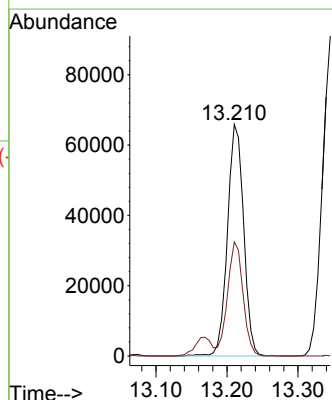
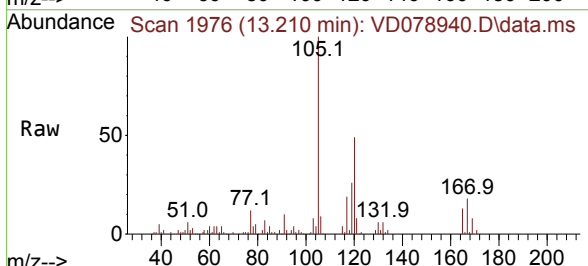
Acq: 16 May 2024 10:53

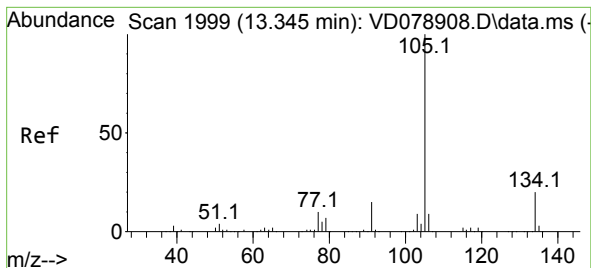
Tgt Ion:105 Resp: 104108

Ion Ratio Lower Upper

105 100

120 47.5 23.6 71.0





#85

sec-Butylbenzene

Concen: 18.741 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

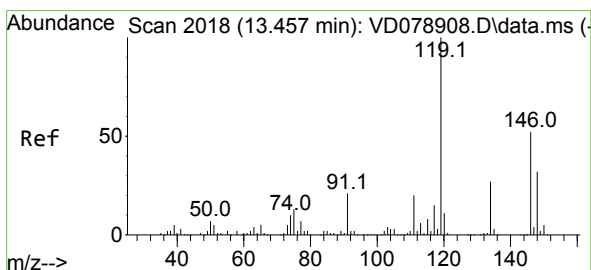
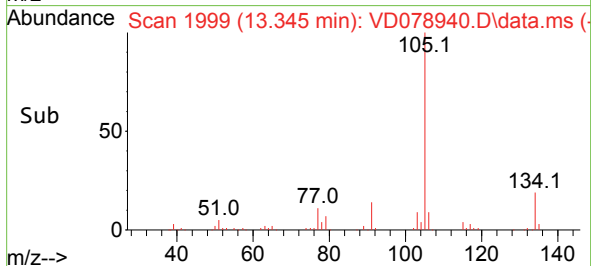
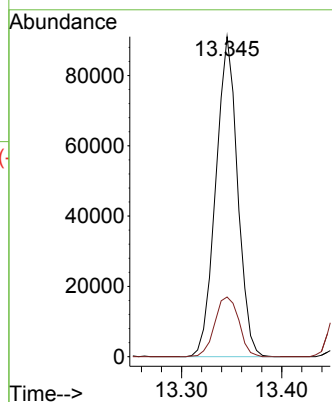
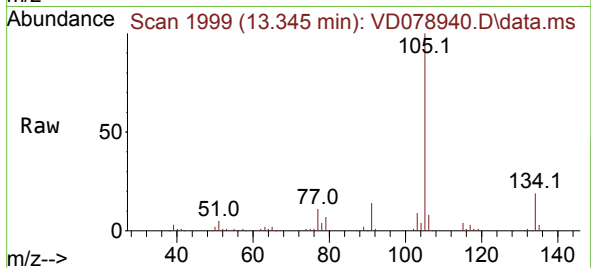
VD0516SBS01

Tgt Ion:105 Resp: 137340

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 17.792 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

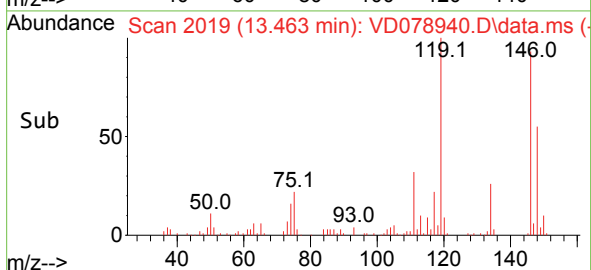
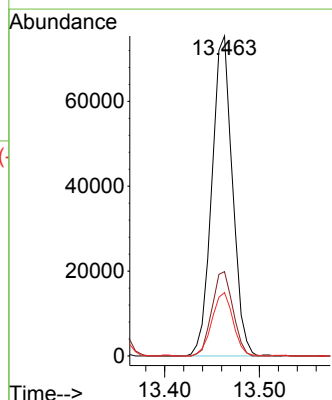
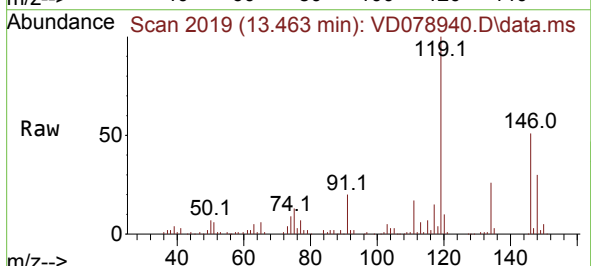
Tgt Ion:119 Resp: 113597

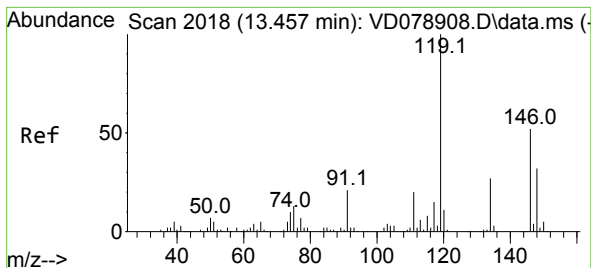
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 20.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.237 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

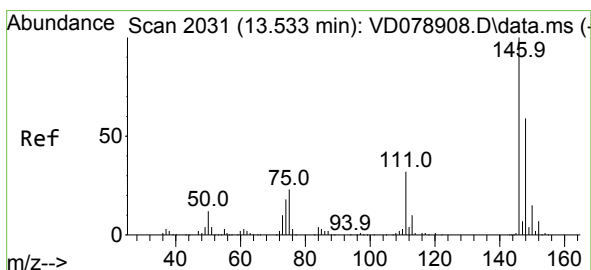
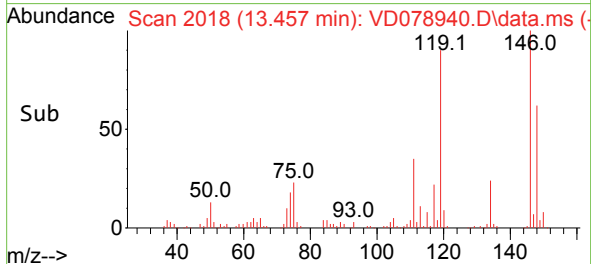
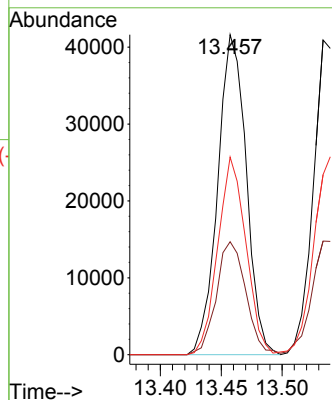
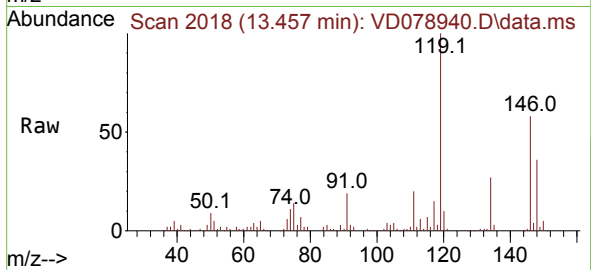
Tgt Ion:146 Resp: 67852

Ion Ratio Lower Upper

146 100

111 36.5 18.5 55.5

148 60.9 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 18.483 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

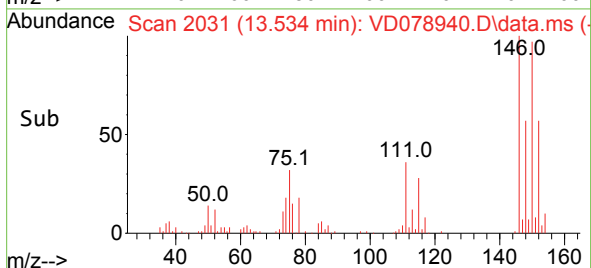
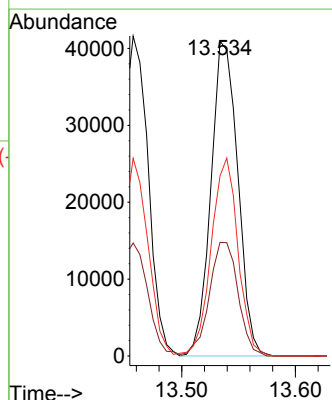
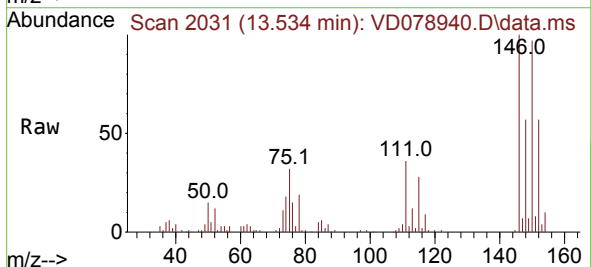
Tgt Ion:146 Resp: 67349

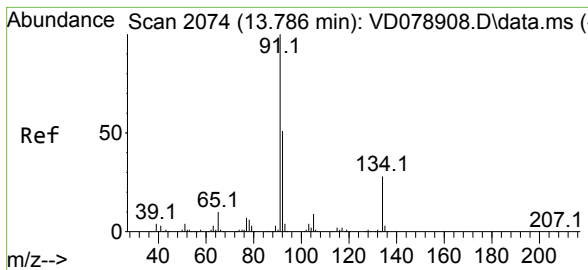
Ion Ratio Lower Upper

146 100

111 38.7 17.5 52.6

148 62.7 31.4 94.2

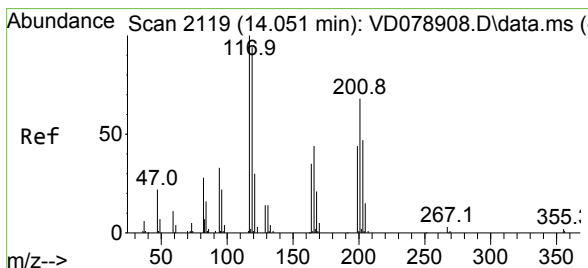
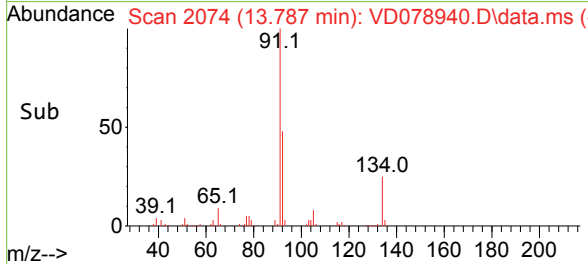
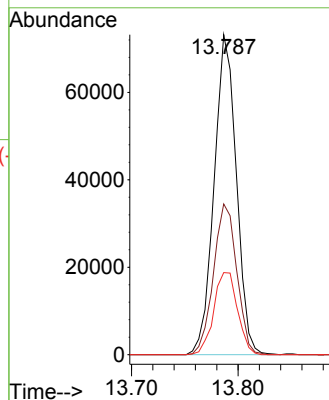
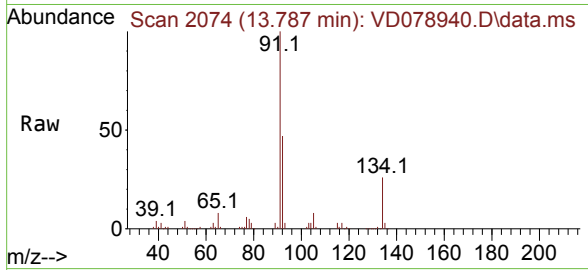




#89
n-Butylbenzene
Concen: 18.529 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

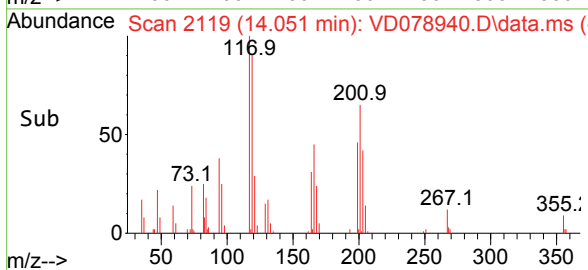
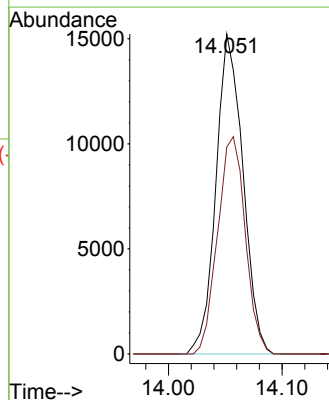
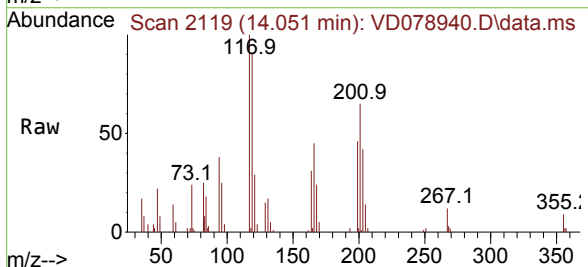
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

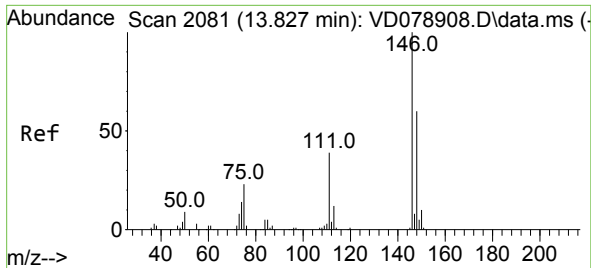
Tgt Ion: 91 Resp: 106010
Ion Ratio Lower Upper
91 100
92 49.4 25.7 77.0
134 27.5 13.6 40.8



#90
Hexachloroethane
Concen: 18.639 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 117 Resp: 25103
Ion Ratio Lower Upper
117 100
201 69.7 36.3 108.9

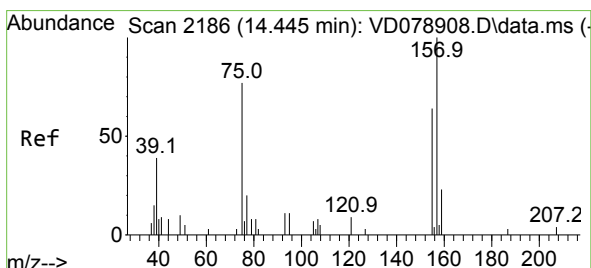
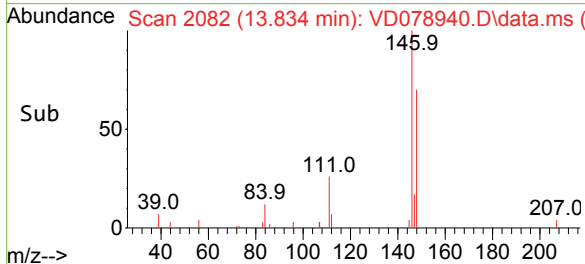
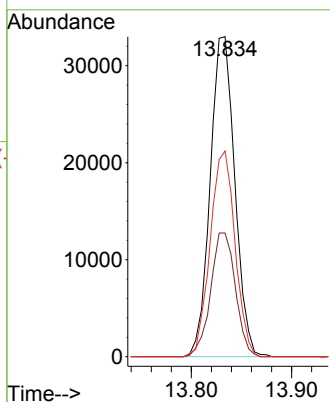
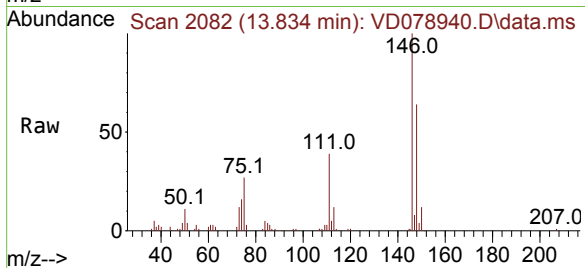




#91
1,2-Dichlorobenzene
Concen: 18.081 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

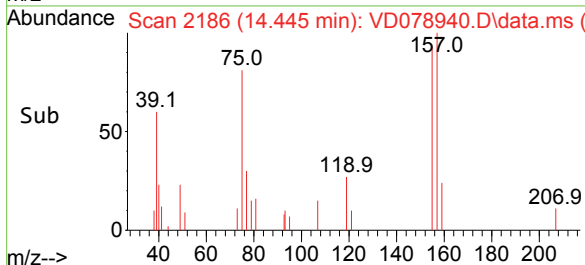
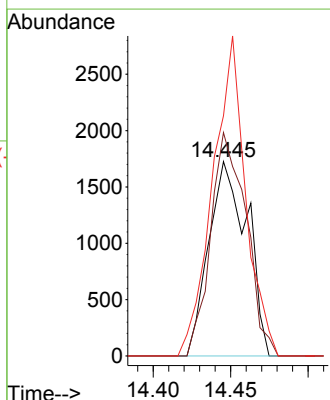
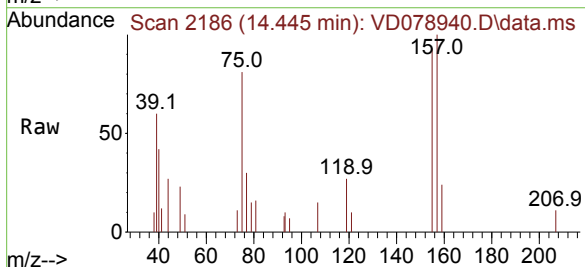
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

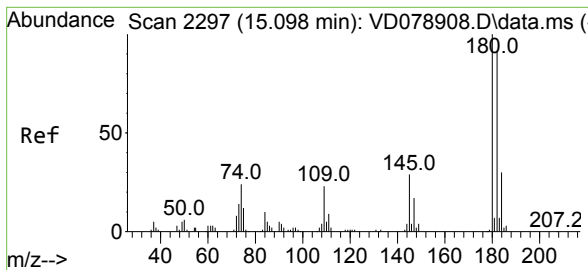
Tgt Ion:146 Resp: 56287
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.9 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.554 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078940.D
Acq: 16 May 2024 10:53

Tgt Ion: 75 Resp: 2979
Ion Ratio Lower Upper
75 100
155 106.0 47.7 143.1
157 140.4 63.4 190.2

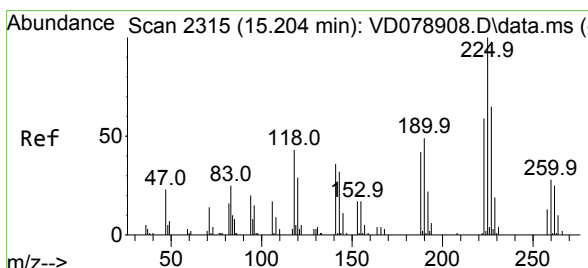
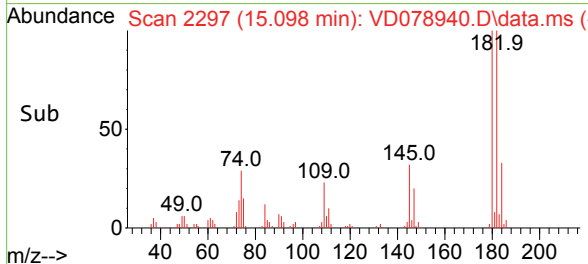
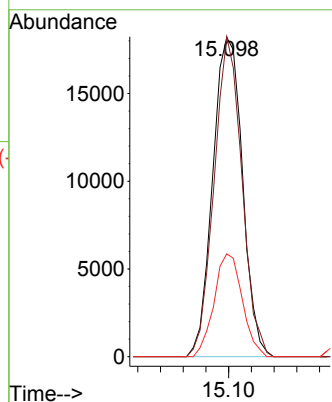
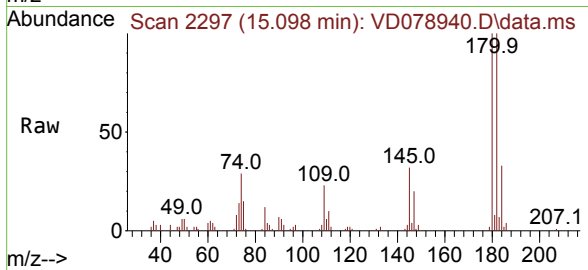




#93
 1,2,4-Trichlorobenzene
 Concen: 18.065 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078940.D
 Acq: 16 May 2024 10:53

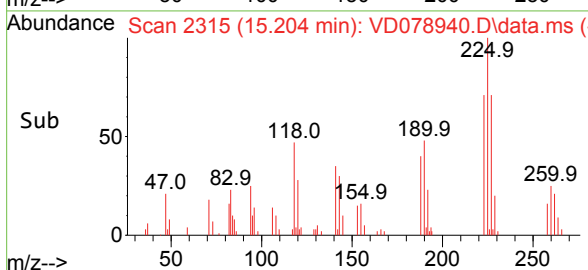
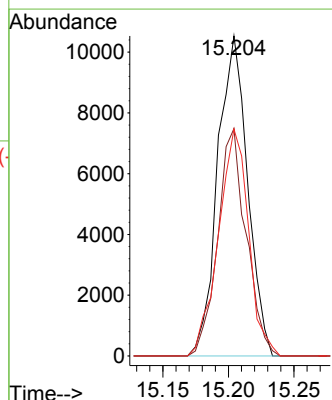
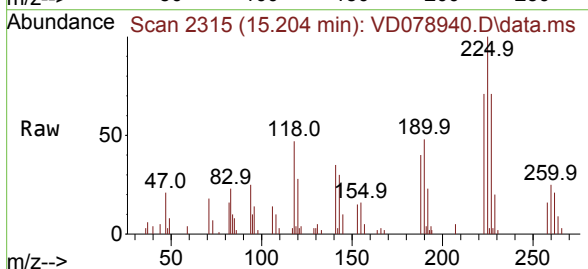
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

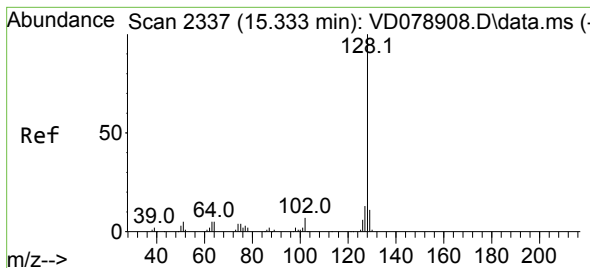
Tgt Ion:180 Resp: 33020
 Ion Ratio Lower Upper
 180 100
 182 93.7 46.9 140.7
 145 30.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 17.469 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078940.D
 Acq: 16 May 2024 10:53

Tgt Ion:225 Resp: 16687
 Ion Ratio Lower Upper
 225 100
 223 67.7 33.3 99.9
 227 71.3 33.6 100.6





#95

Naphthalene

Concen: 17.958 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

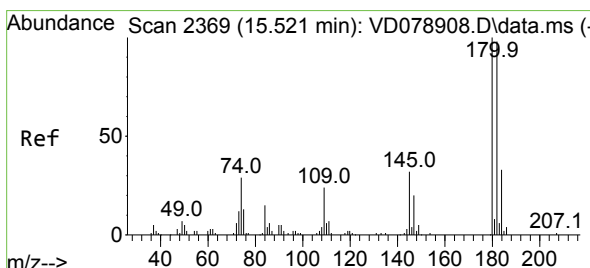
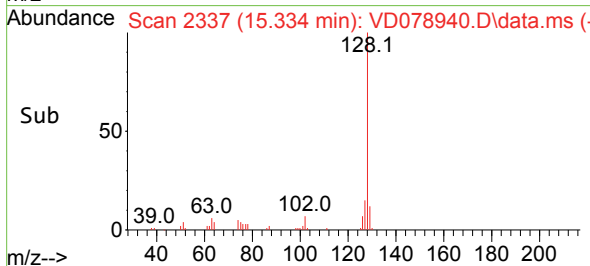
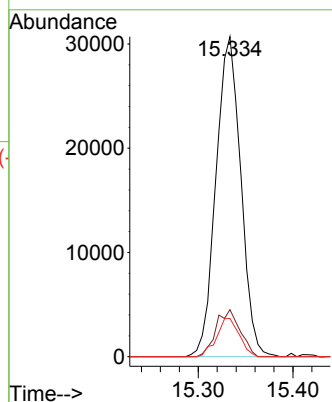
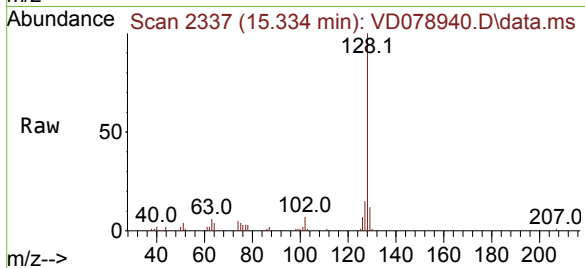
Tgt Ion:128 Resp: 55913

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

129 11.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 17.868 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078940.D

Acq: 16 May 2024 10:53

Tgt Ion:180 Resp: 29053

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.3

145 29.7 16.1 48.2

