

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078792.D
 Acq On : 29 Mar 2024 14:14
 Operator : RP/MD
 Sample : VD0329SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

Quant Time: Mar 29 23:42:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	106594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46549	46.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.810	113	56095	49.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.269	98	206075	49.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.575	95	60570	50.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18403	18.550	ug/l	93
3) Chloromethane	2.152	50	25836	16.493	ug/l	96
4) Vinyl Chloride	2.287	62	41225	17.840	ug/l	93
5) Bromomethane	2.687	94	38854	17.561	ug/l	98
6) Chloroethane	2.840	64	33734	18.720	ug/l	95
7) Trichlorofluoromethane	3.175	101	38568	21.097	ug/l	99
8) Diethyl Ether	3.593	74	10165	19.045	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.970	101	23268	20.281	ug/l	96
10) Methyl Iodide	4.164	142	25220	18.584	ug/l	98
11) Tert butyl alcohol	5.058	59	4712	105.400	ug/l #	75
12) 1,1-Dichloroethene	3.934	96	21395	19.617	ug/l	93
13) Acrolein	3.799	56	5540	79.107	ug/l	90
14) Allyl chloride	4.569	41	21450	17.626	ug/l	94
15) Acrylonitrile	5.252	53	22429	104.241	ug/l	95
16) Acetone	4.028	43	22036	114.074	ug/l	88
17) Carbon Disulfide	4.269	76	46517	13.010	ug/l	99
18) Methyl Acetate	4.564	43	7376	17.792	ug/l	92
19) Methyl tert-butyl Ether	5.311	73	44054	20.029	ug/l	99
20) Methylene Chloride	4.805	84	37560	26.201	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	25001	19.427	ug/l	84
22) Diisopropyl ether	6.216	45	58800	21.252	ug/l	94
23) Vinyl Acetate	6.158	43	165669	102.364	ug/l	96
24) 1,1-Dichloroethane	6.116	63	43490	20.965	ug/l	96
25) 2-Butanone	7.081	43	27389	106.645	ug/l	98
26) 2,2-Dichloropropane	7.081	77	37304	21.255	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	29840	20.330	ug/l	96
28) Bromochloromethane	7.428	49	14765	19.965	ug/l	99
29) Tetrahydrofuran	7.452	42	14332	102.600	ug/l	99
30) Chloroform	7.605	83	49779	21.522	ug/l	96
31) Cyclohexane	7.881	56	29419	17.521	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	42204	21.507	ug/l	98
36) 1,1-Dichloropropene	8.010	75	31783	19.517	ug/l	95
37) Ethyl Acetate	7.163	43	11462	21.545	ug/l #	88
38) Carbon Tetrachloride	7.993	117	37357	21.759	ug/l	88
39) Methylcyclohexane	9.281	83	33513	17.740	ug/l	88
40) Benzene	8.252	78	101474	20.613	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5743	20.599	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	26028	21.681	ug/l	99
43) Isopropyl Acetate	8.363	43	21058	21.765	ug/l #	95
44) Trichloroethene	9.034	130	27590	20.652	ug/l	88
45) 1,2-Dichloropropane	9.305	63	24234	20.752	ug/l	99
46) Dibromomethane	9.393	93	15072	21.531	ug/l	94
47) Bromodichloromethane	9.587	83	37848	22.712	ug/l	94
48) Methyl methacrylate	9.381	41	9626	20.419	ug/l	99
49) 1,4-Dioxane	9.387	88	2815	434.316	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	56970	112.631	ug/l	96
52) Toluene	10.334	92	65755	20.747	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	31780	20.858	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	38072	20.785	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	20172	21.519	ug/l	95
56) Ethyl methacrylate	10.599	69	20130	21.421	ug/l	98
57) 1,3-Dichloropropane	10.881	76	33142	21.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	46342	111.838	ug/l	99
59) 2-Hexanone	10.922	43	41735	111.305	ug/l	99
60) Dibromochloromethane	11.075	129	26479	22.905	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19971	22.014	ug/l	98
64) Tetrachloroethene	10.810	164	23382	21.369	ug/l	98
65) Chlorobenzene	11.604	112	72747	21.054	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	27890	22.040	ug/l	99
67) Ethyl Benzene	11.681	91	120808	20.517	ug/l	99
68) m/p-Xylenes	11.793	106	100010	41.828	ug/l	96
69) o-Xylene	12.122	106	44085	19.928	ug/l	95
70) Styrene	12.134	104	79310	21.360	ug/l	99
71) Bromoform	12.298	173	15529	22.708	ug/l #	97
73) Isopropylbenzene	12.422	105	120943	21.086	ug/l	99
74) N-amyl acetate	12.234	43	20473	21.985	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	24365	22.948	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26711	39.799	ug/l #	100
77) Bromobenzene	12.698	156	30742	21.613	ug/l	99
78) n-propylbenzene	12.763	91	149437	21.405	ug/l	99
79) 2-Chlorotoluene	12.845	91	81182	21.197	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	100078	21.100	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	6423	20.060	ug/l #	82
82) 4-Chlorotoluene	12.945	91	85373	21.075	ug/l	100
83) tert-Butylbenzene	13.169	119	87099	21.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	99949	20.911	ug/l	100
85) sec-Butylbenzene	13.345	105	138436	22.368	ug/l	98
86) p-Isopropyltoluene	13.463	119	115958	21.886	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	63350	21.105	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	64443	21.785	ug/l	99
89) n-Butylbenzene	13.787	91	102826	21.490	ug/l	98
90) Hexachloroethane	14.057	117	24542	22.386	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	56031	21.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3098	21.811	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	32182	21.330	ug/l	95
94) Hexachlorobutadiene	15.204	225	18082	22.137	ug/l	98
95) Naphthalene	15.334	128	52721	20.098	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	28092	21.522	ug/l	100

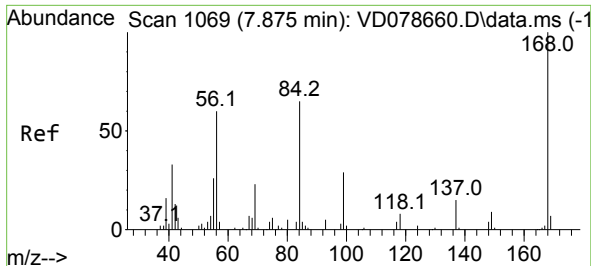
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
Data File : VD078792.D
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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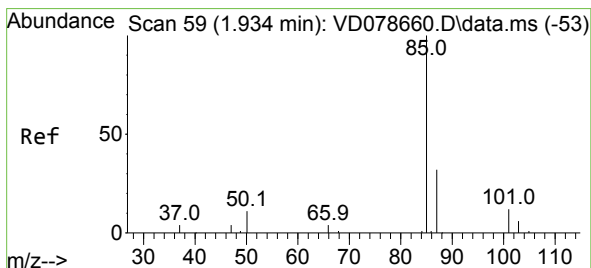
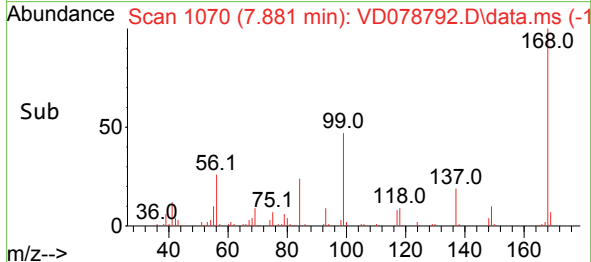
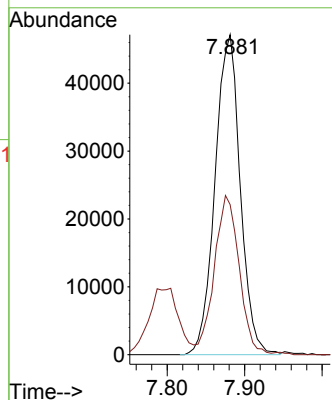
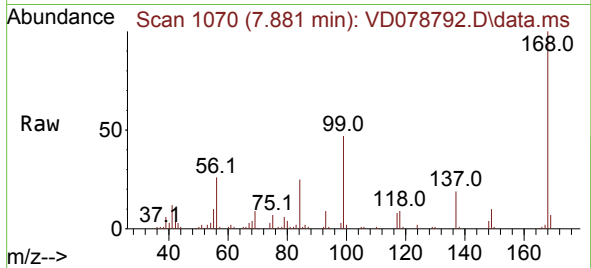
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

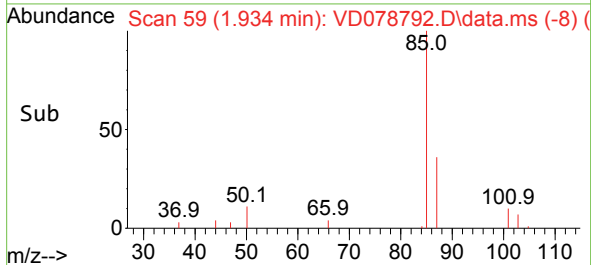
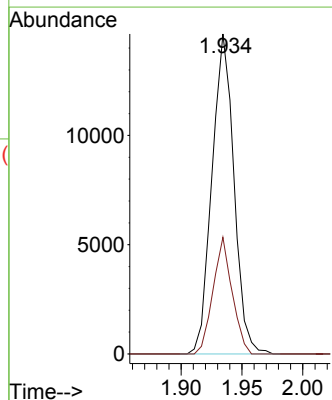
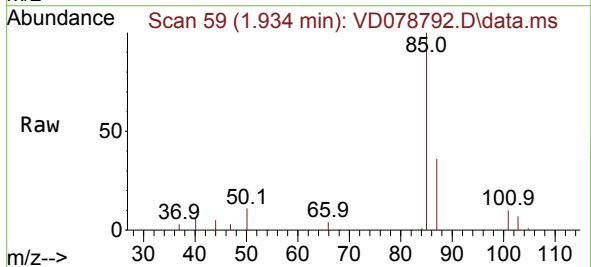
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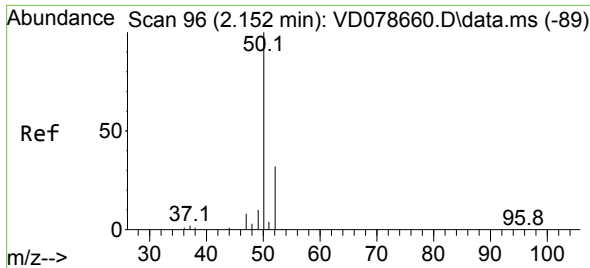
Tgt Ion:168 Resp: 106594
Ion Ratio Lower Upper
168 100
99 46.1 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 18.550 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 85 Resp: 18403
Ion Ratio Lower Upper
85 100
87 36.5 16.2 48.5

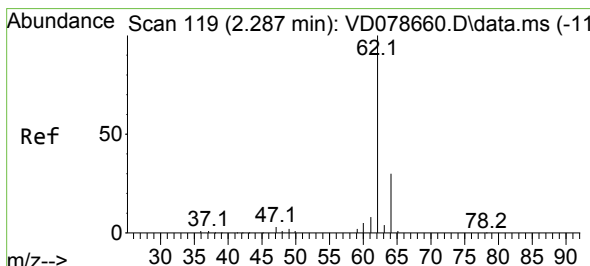
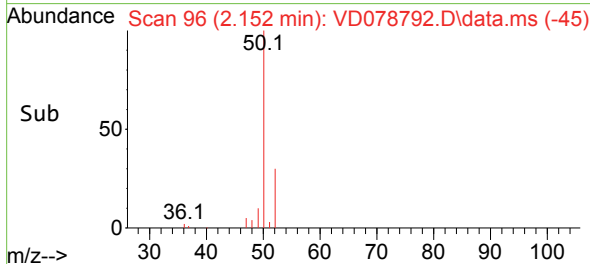
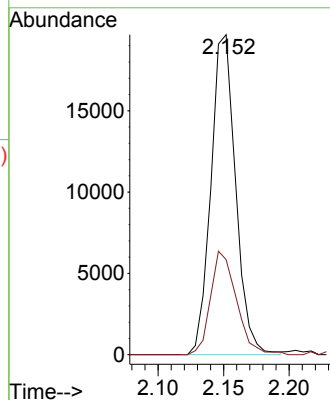
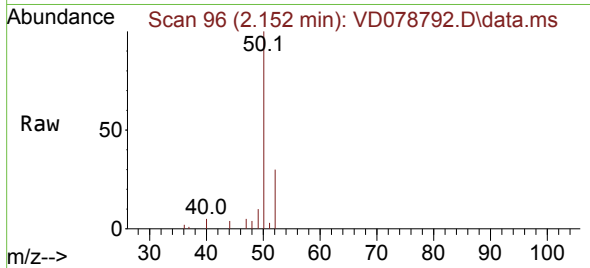




#3
Chloromethane
Concen: 16.493 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

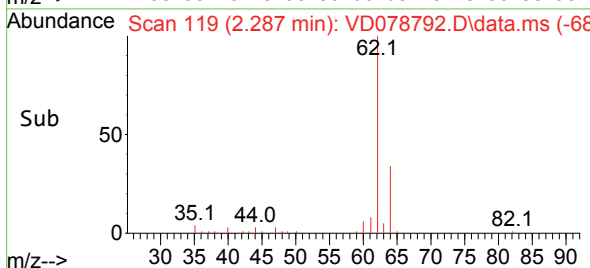
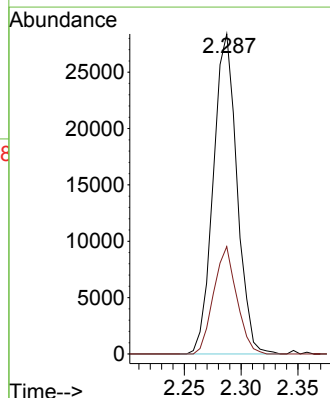
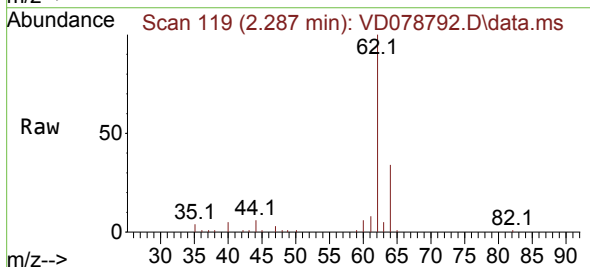
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

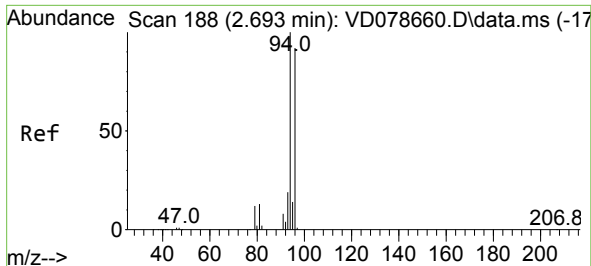
Tgt Ion: 50 Resp: 25836
Ion Ratio Lower Upper
50 100
52 29.7 25.6 38.4



#4
Vinyl Chloride
Concen: 17.840 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 62 Resp: 41225
Ion Ratio Lower Upper
62 100
64 33.6 23.7 35.5

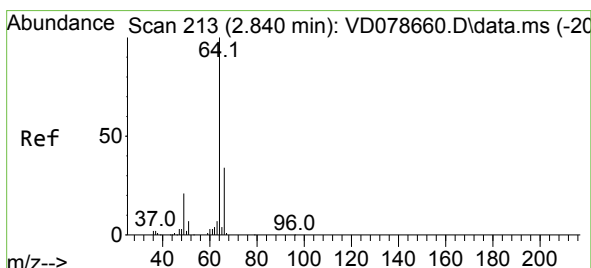
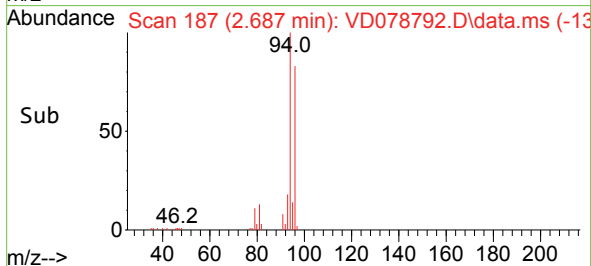
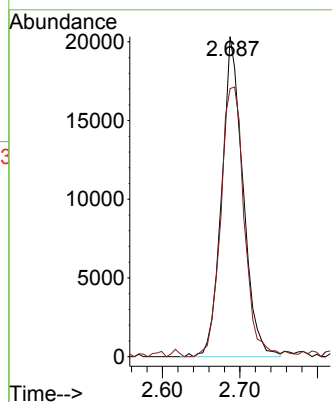
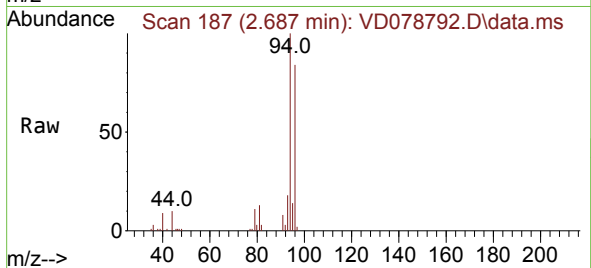




#5
Bromomethane
Concen: 17.561 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

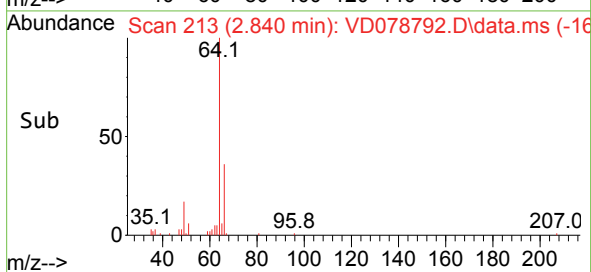
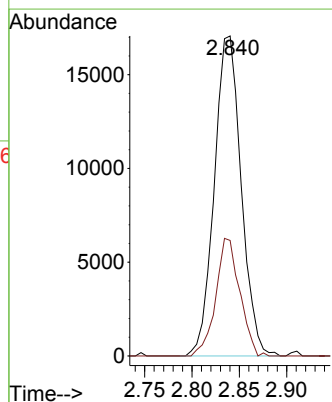
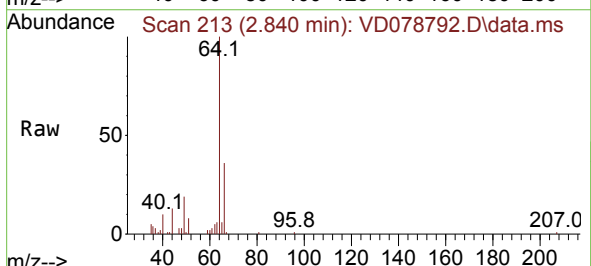
Instrument :
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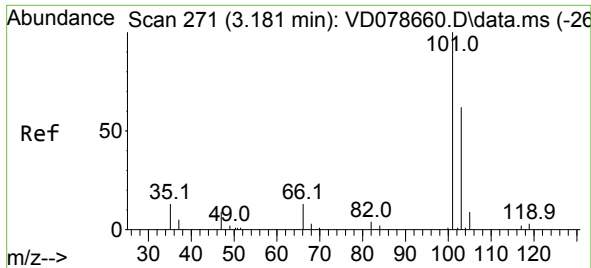
Tgt Ion: 94 Resp: 38854
Ion Ratio Lower Upper
94 100
96 94.0 73.5 110.3



#6
Chloroethane
Concen: 18.720 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 64 Resp: 33734
Ion Ratio Lower Upper
64 100
66 36.1 26.8 40.2

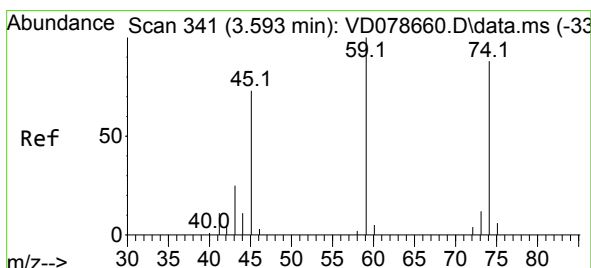
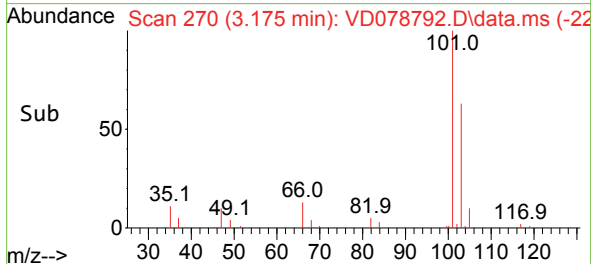
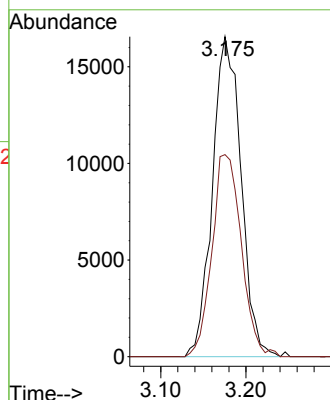
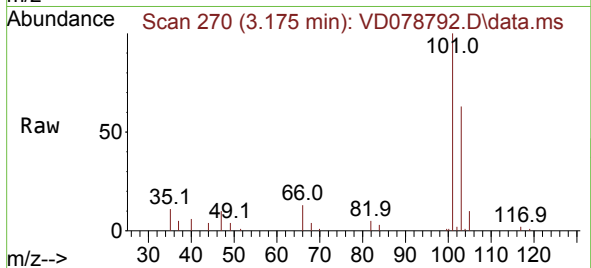




#7
 Trichlorofluoromethane
 Concen: 21.097 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

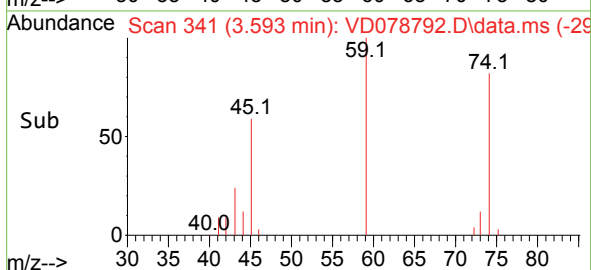
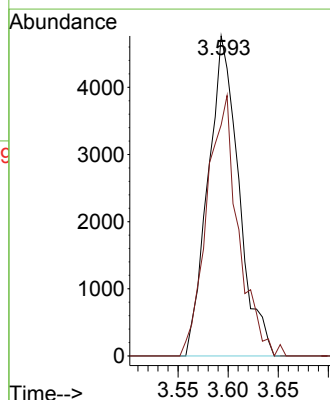
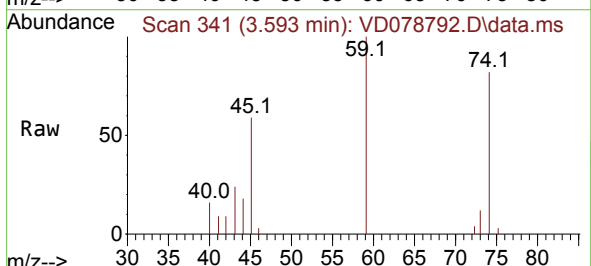
Instrument :
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 ClientSampleId :
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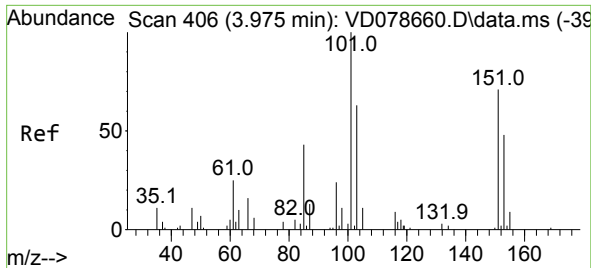
Tgt Ion:101 Resp: 38568
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 19.045 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

Tgt Ion: 74 Resp: 10165
 Ion Ratio Lower Upper
 74 100
 45 83.4 42.4 127.3

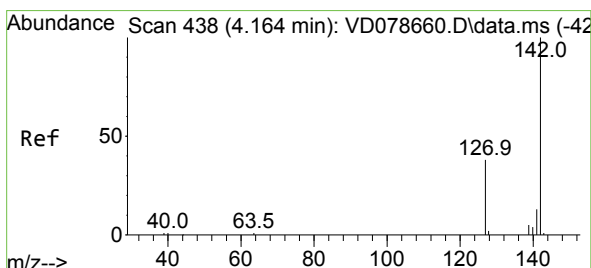
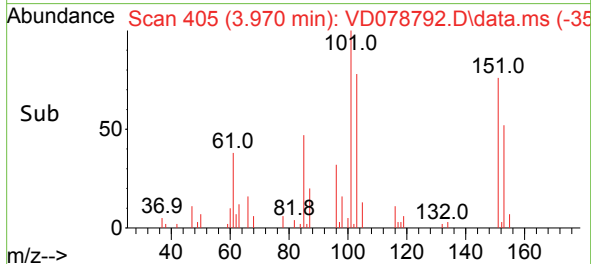
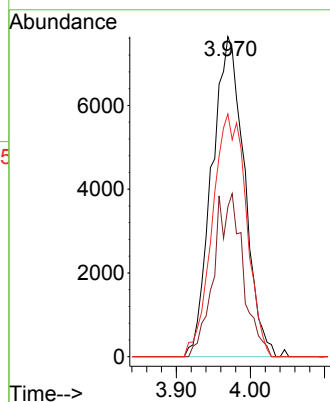
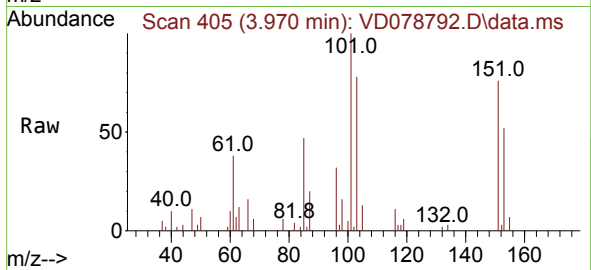




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.281 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

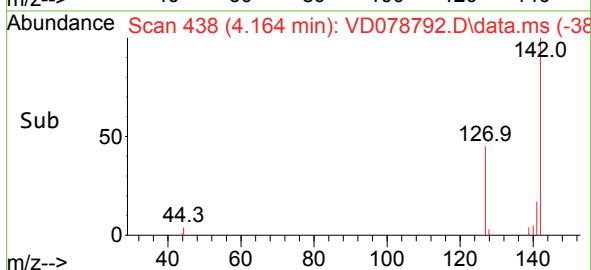
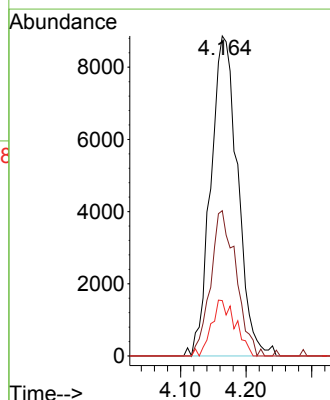
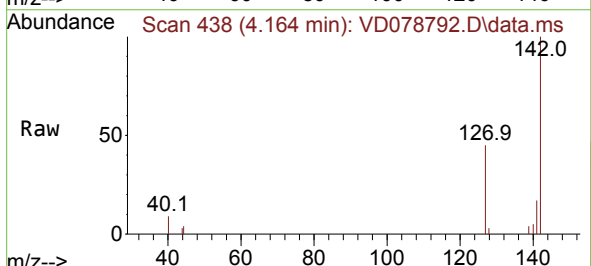
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

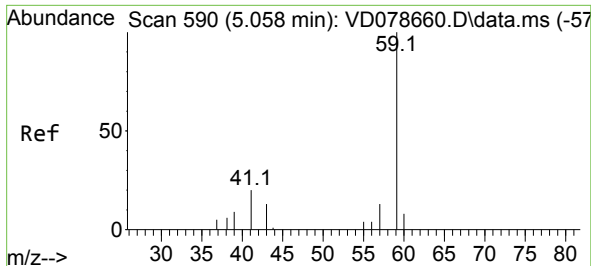
Tgt Ion:101	Resp:	23268
Ion	Ratio	Lower Upper
101	100	
85	45.8	35.8 53.6
151	79.3	59.4 89.2



#10
Methyl Iodide
Concen: 18.584 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:142	Resp:	25220
Ion	Ratio	Lower Upper
142	100	
127	43.2	33.5 50.3
141	15.6	11.7 17.5

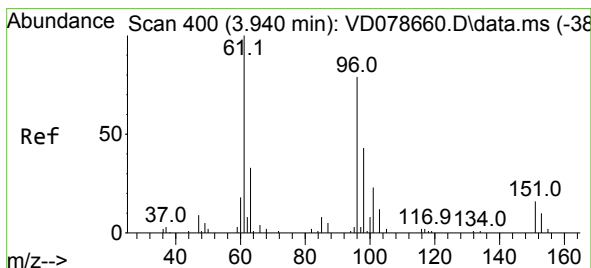
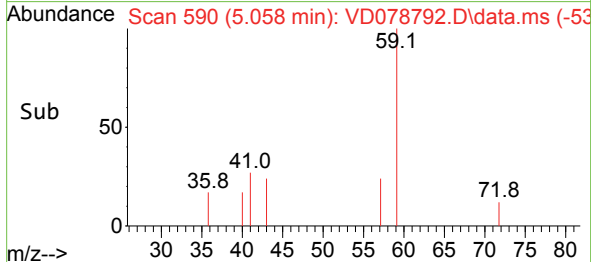
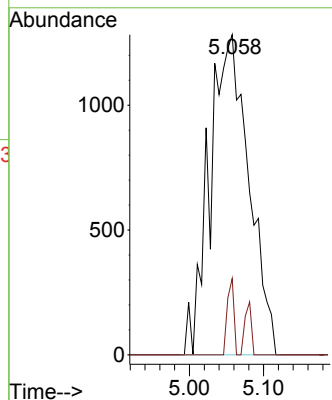
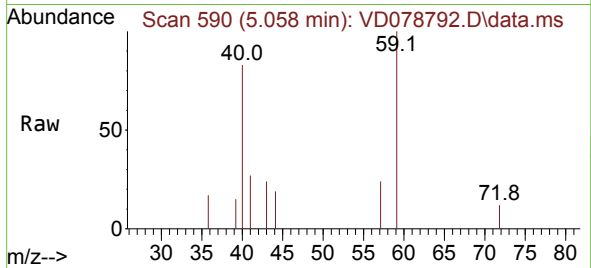




#11
Tert butyl alcohol
Concen: 105.400 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

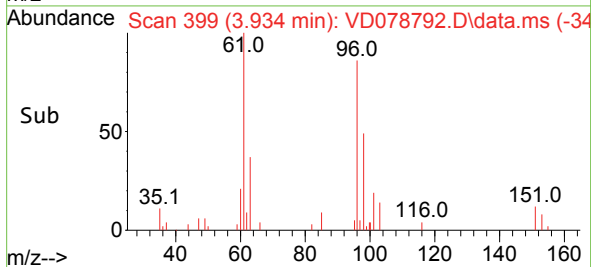
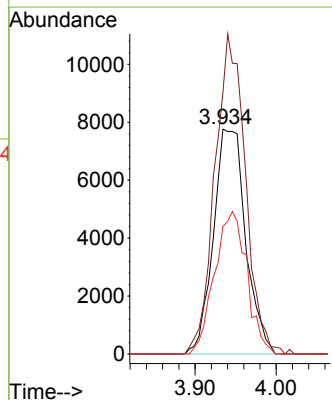
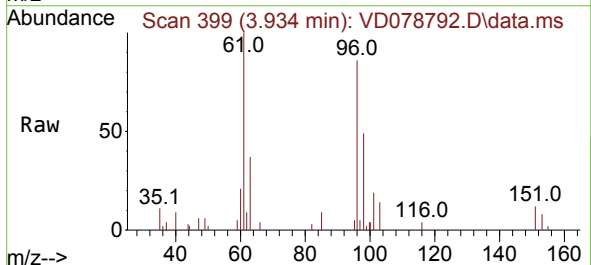
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

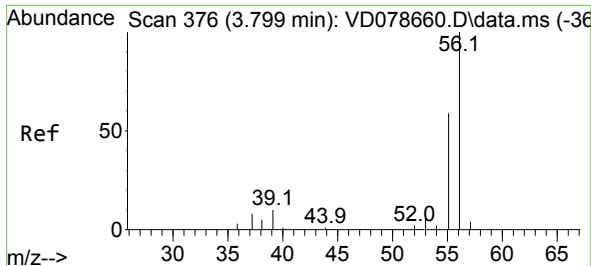
Tgt Ion: 59 Resp: 4712
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.617 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 96 Resp: 21395
Ion Ratio Lower Upper
96 100
61 116.2 101.4 152.0
98 56.7 43.4 65.0





#13

Acrolein

Concen: 79.107 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

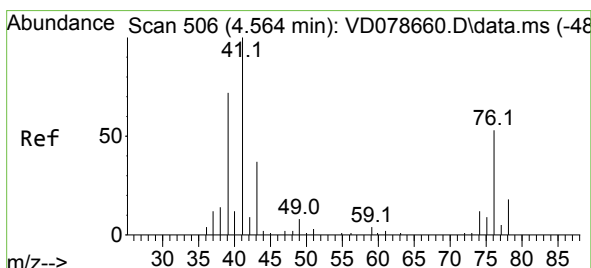
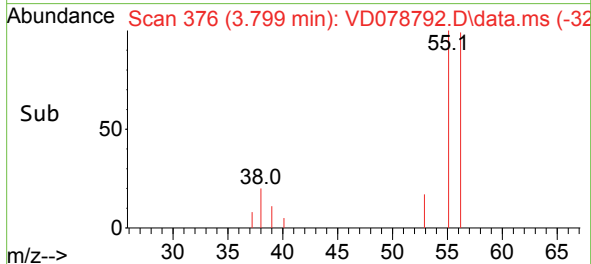
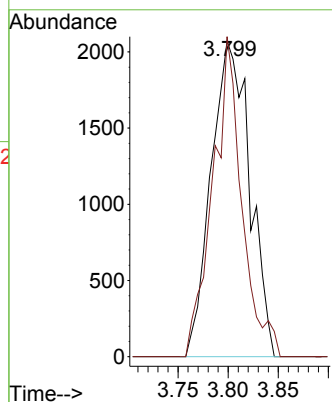
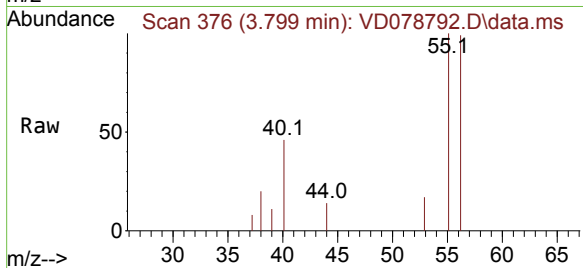
VD0329SBS01

Tgt Ion: 56 Resp: 5540

Ion Ratio Lower Upper

56 100

55 76.4 54.9 82.3



#14

Allyl chloride

Concen: 17.626 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

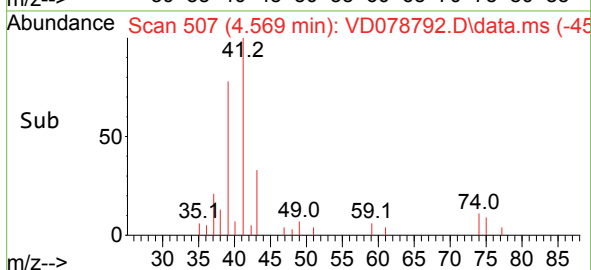
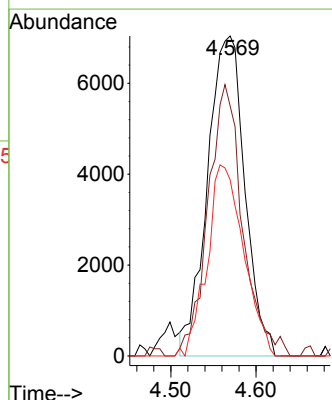
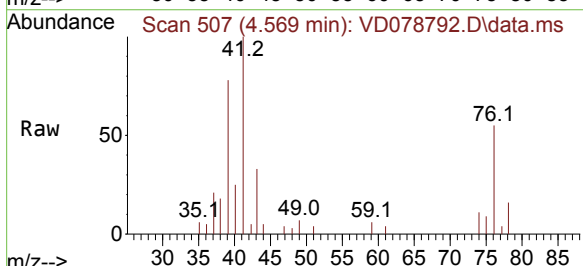
Tgt Ion: 41 Resp: 21450

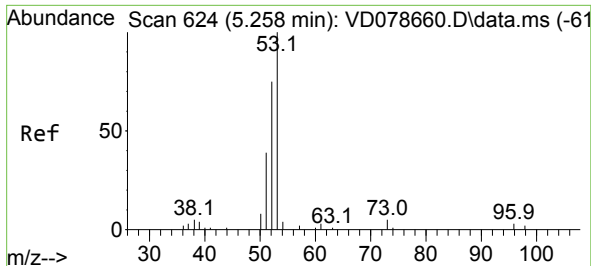
Ion Ratio Lower Upper

41 100

39 78.7 57.8 86.6

76 58.4 44.8 67.2





#15

Acrylonitrile

Concen: 104.241 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078792.D

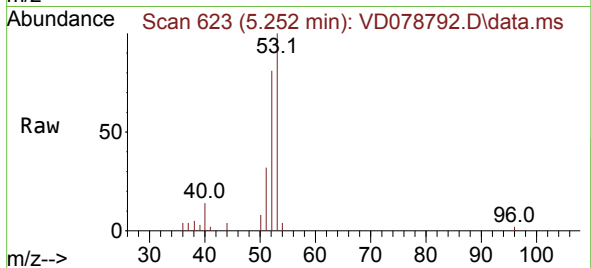
Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01



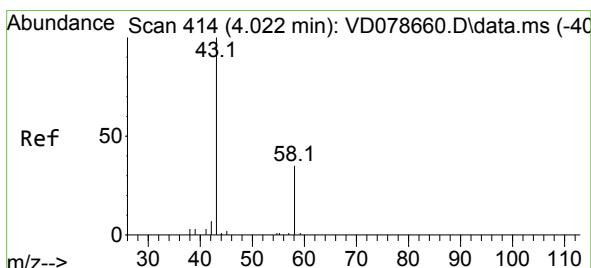
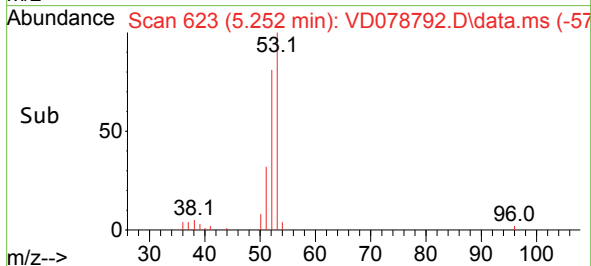
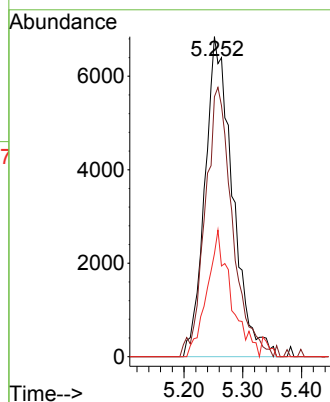
Tgt Ion: 53 Resp: 22429

Ion Ratio Lower Upper

53 100

52 82.6 61.9 92.9

51 34.5 29.0 43.4



#16

Acetone

Concen: 114.074 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD078792.D

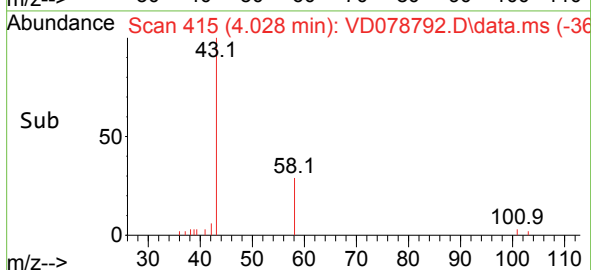
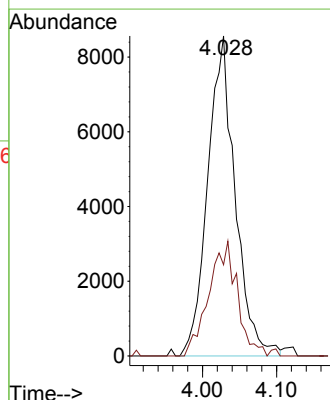
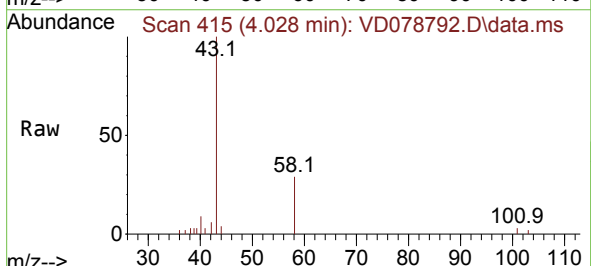
Acq: 29 Mar 2024 14:14

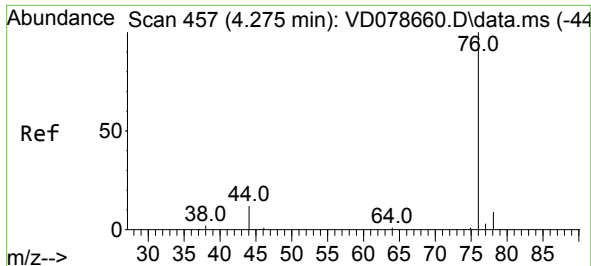
Tgt Ion: 43 Resp: 22036

Ion Ratio Lower Upper

43 100

58 28.5 28.2 42.4

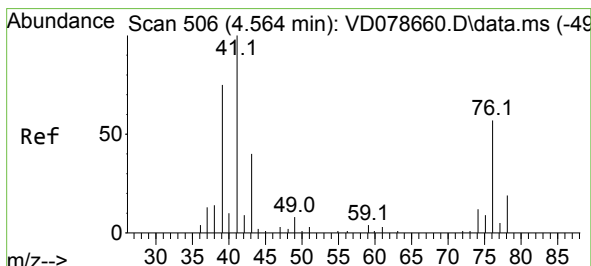
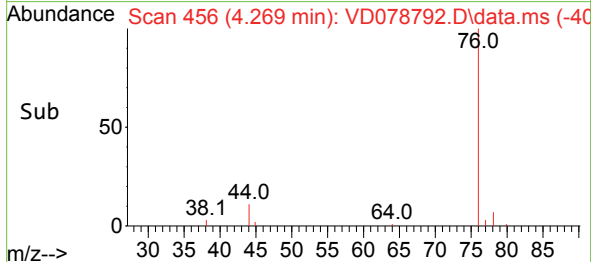
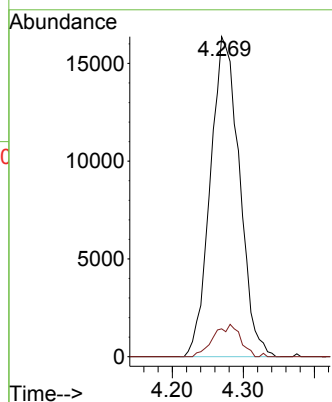
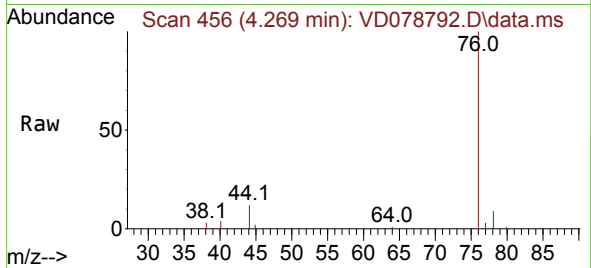




#17
Carbon Disulfide
Concen: 13.010 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

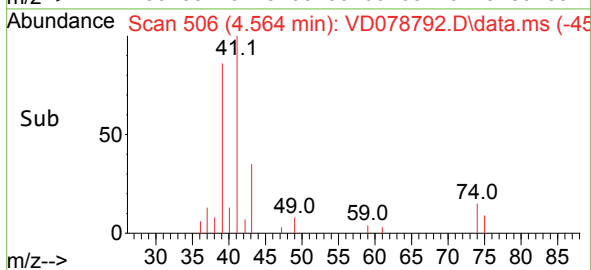
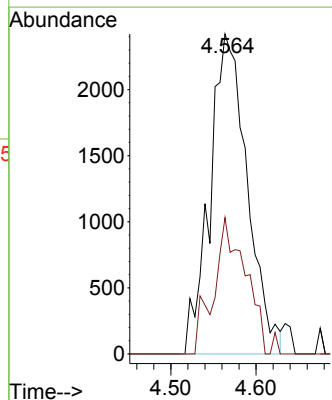
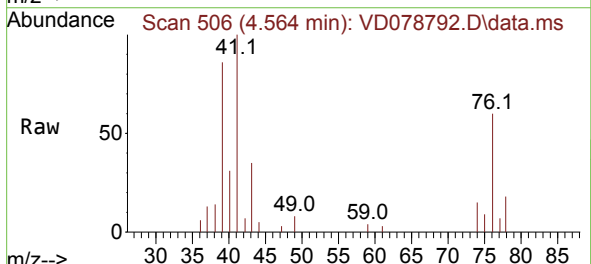
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

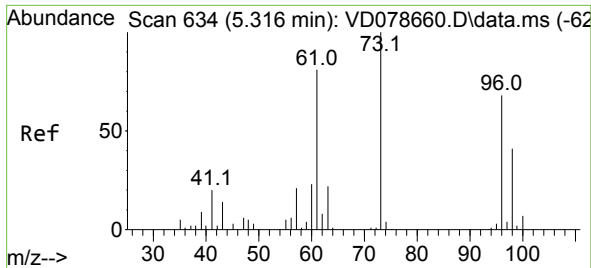
Tgt Ion: 76 Resp: 46517
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 17.792 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 43 Resp: 7376
Ion Ratio Lower Upper
43 100
74 36.3 25.3 37.9

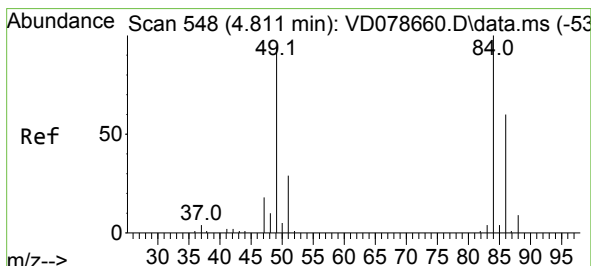
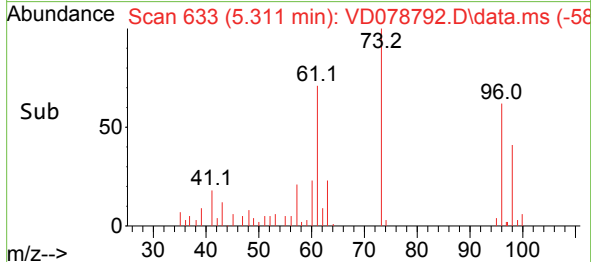
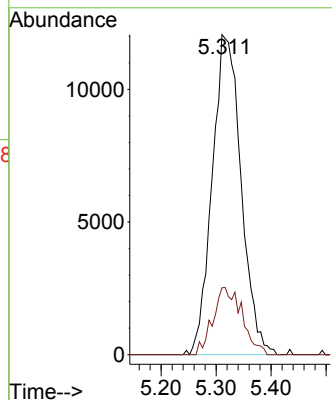
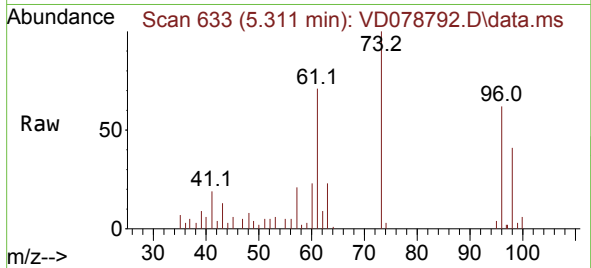




#19
Methyl tert-butyl Ether
Concen: 20.029 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

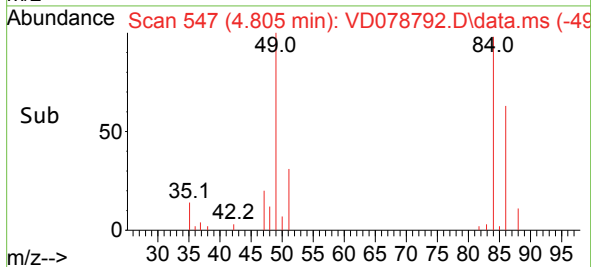
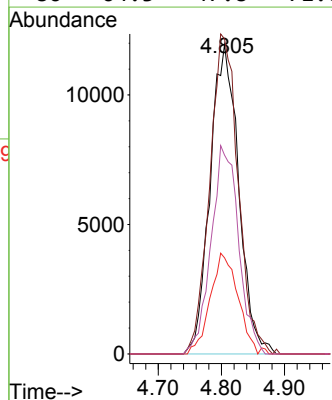
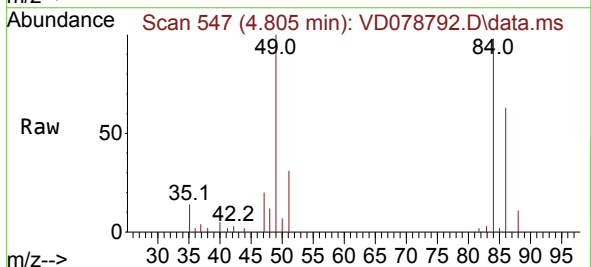
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

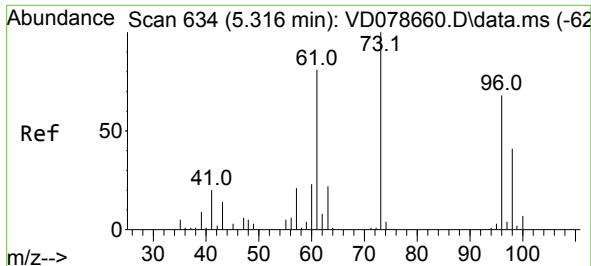
Tgt Ion: 73 Resp: 44054
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6



#20
Methylene Chloride
Concen: 26.201 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 84 Resp: 37560
Ion Ratio Lower Upper
84 100
49 101.8 75.6 113.4
51 31.1 23.4 35.0
86 64.3 47.8 71.6

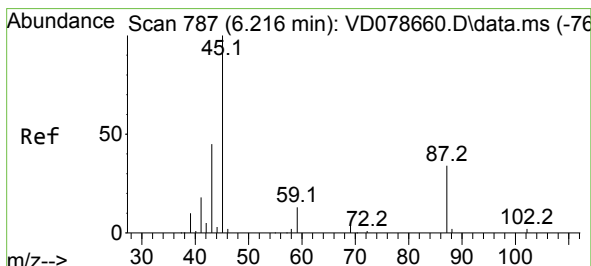
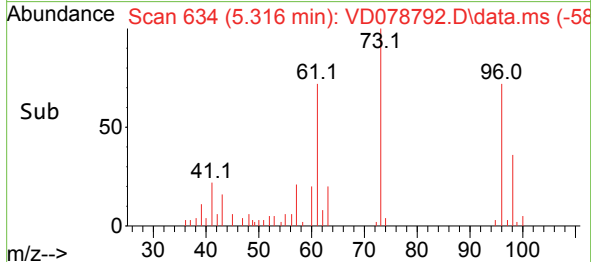
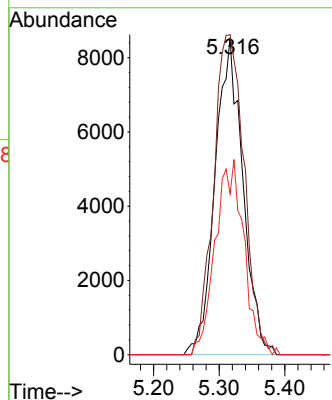
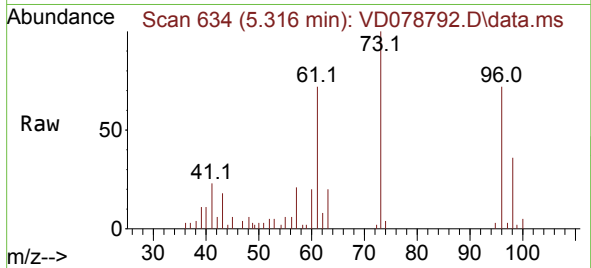




#21
trans-1,2-Dichloroethene
Concen: 19.427 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

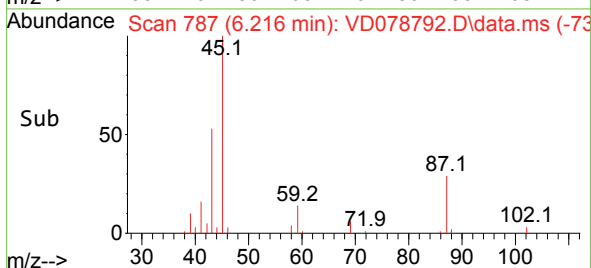
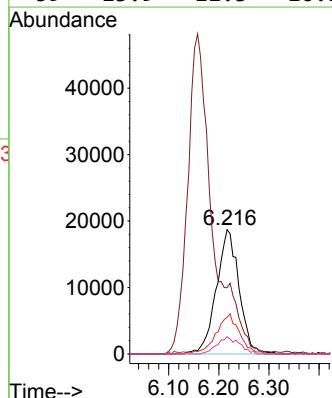
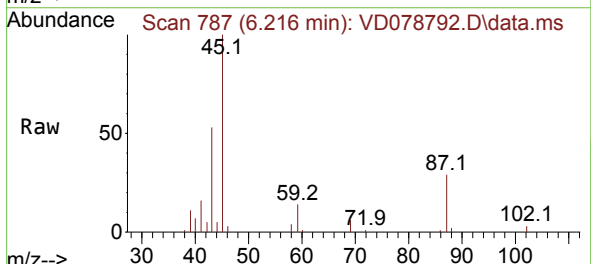
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

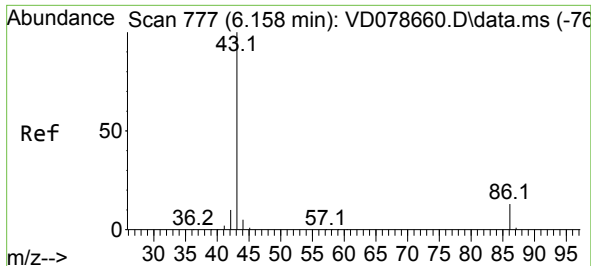
Tgt Ion: 96 Resp: 25001
Ion Ratio Lower Upper
96 100
61 101.0 96.1 144.1
98 50.8 48.9 73.3



#22
Diisopropyl ether
Concen: 21.252 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 45 Resp: 58800
Ion Ratio Lower Upper
45 100
43 51.9 44.3 66.5
87 29.5 28.3 42.5
59 13.9 11.3 16.9

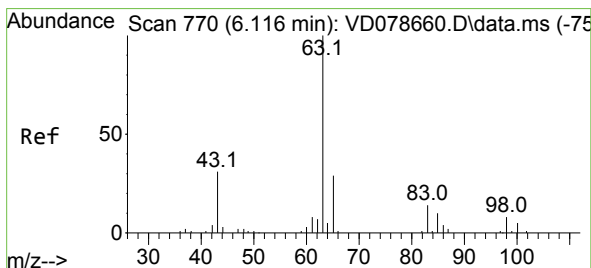
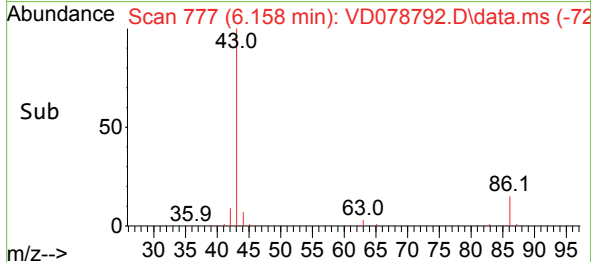
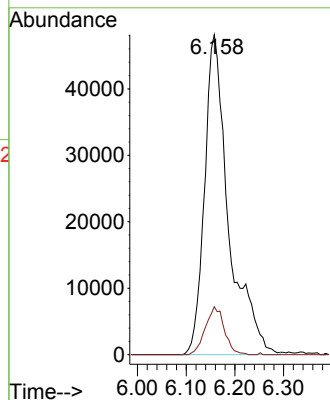
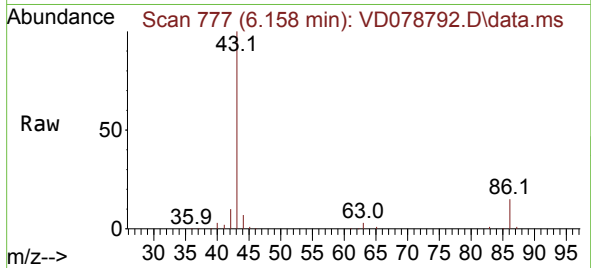




#23
 Vinyl Acetate
 Concen: 102.364 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

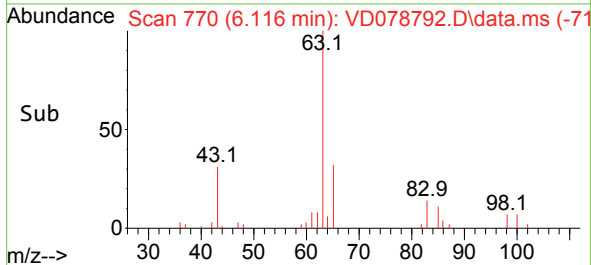
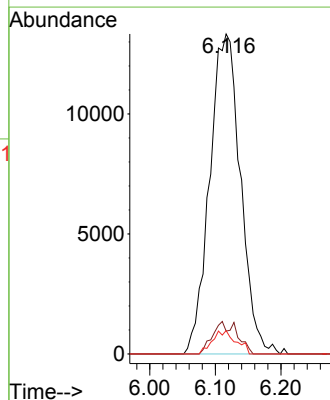
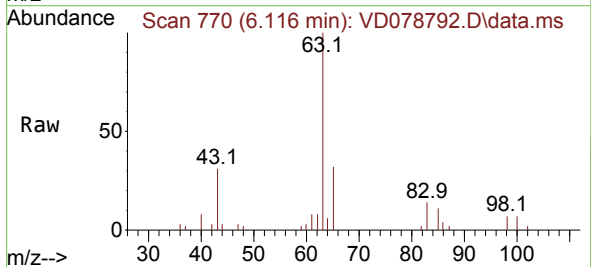
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

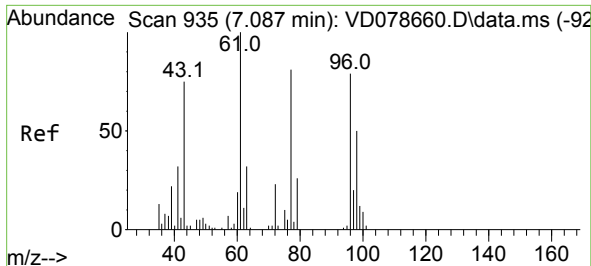
Tgt Ion: 43 Resp: 165669
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.965 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

Tgt Ion: 63 Resp: 43490
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 11.9
 100 7.3 2.7 8.1

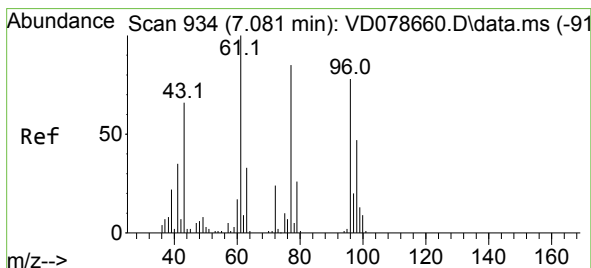
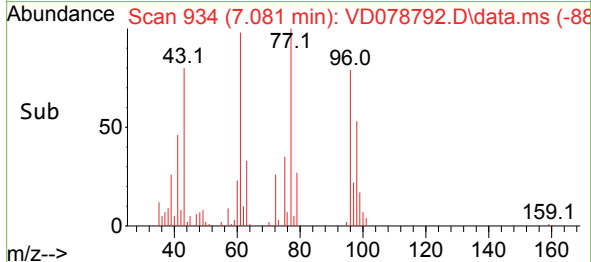
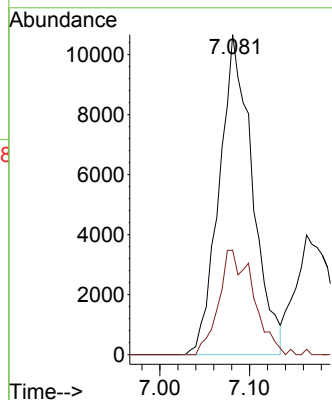
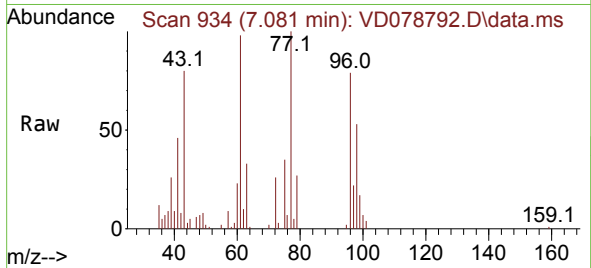




#25
2-Butanone
Concen: 106.645 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

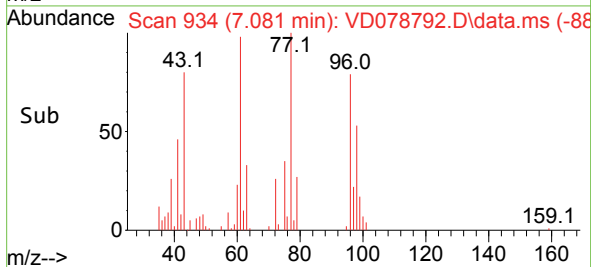
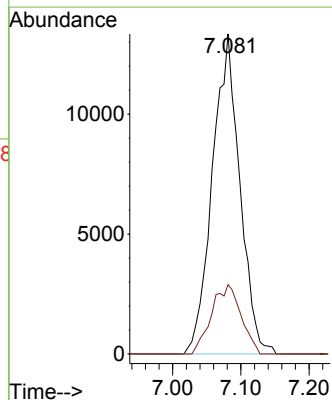
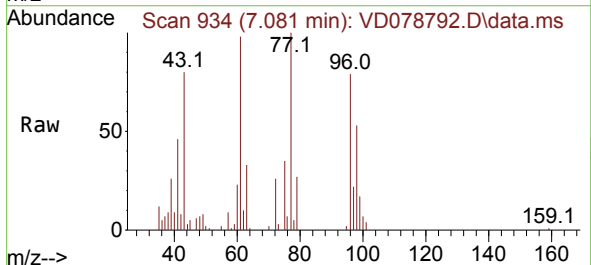
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

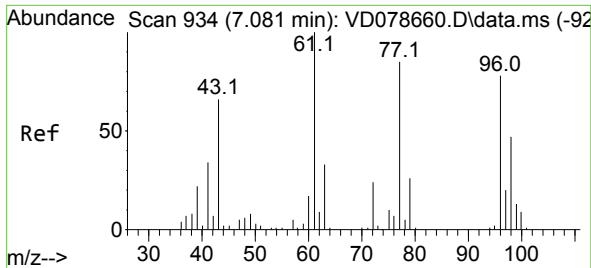
Tgt Ion: 43 Resp: 27389
Ion Ratio Lower Upper
43 100
72 32.7 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.255 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 77 Resp: 37304
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.0

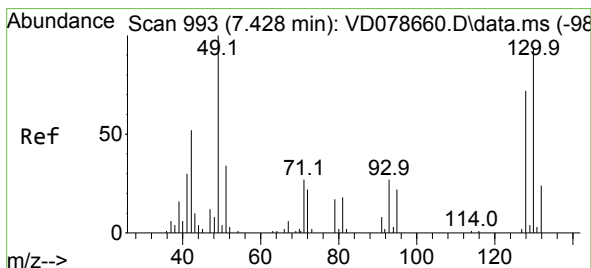
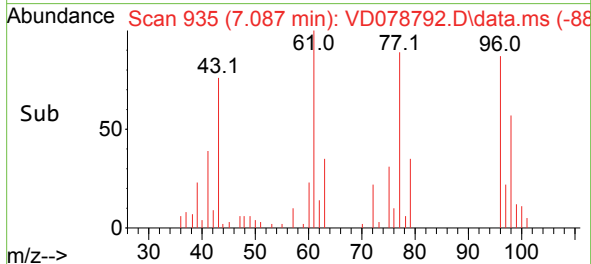
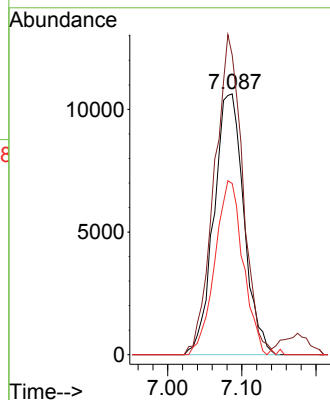
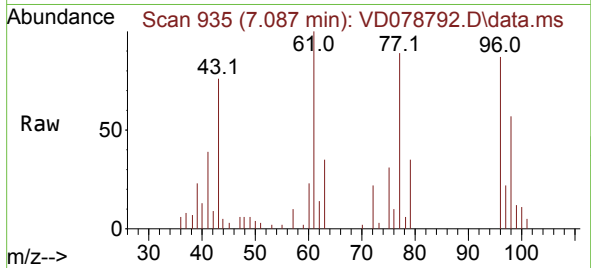




#27
 cis-1,2-Dichloroethene
 Concen: 20.330 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

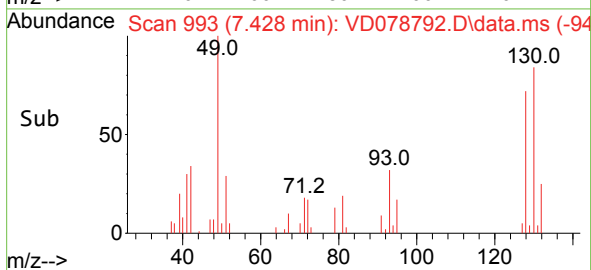
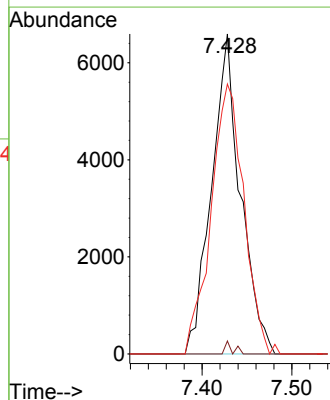
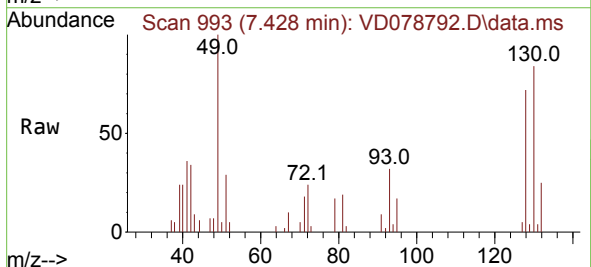
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBSD01

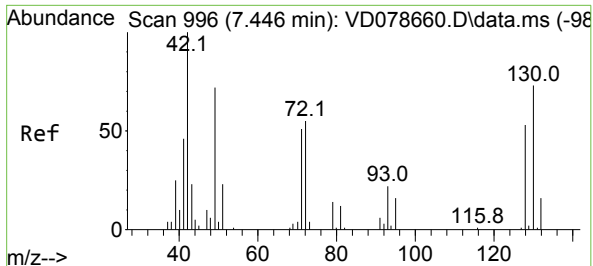
Tgt Ion: 96 Resp: 29840
 Ion Ratio Lower Upper
 96 100
 61 116.2 0.0 245.0
 98 62.9 0.0 126.6



#28
 Bromochloromethane
 Concen: 19.965 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

Tgt Ion: 49 Resp: 14765
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.2
 130 95.6 77.1 115.7





#29

Tetrahydrofuran

Concen: 102.600 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

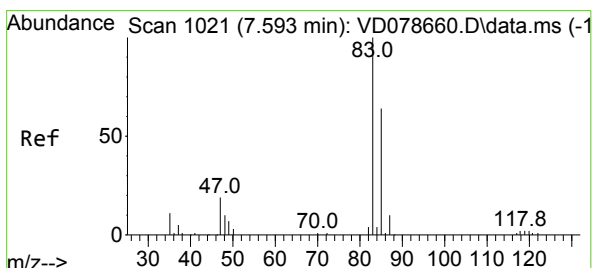
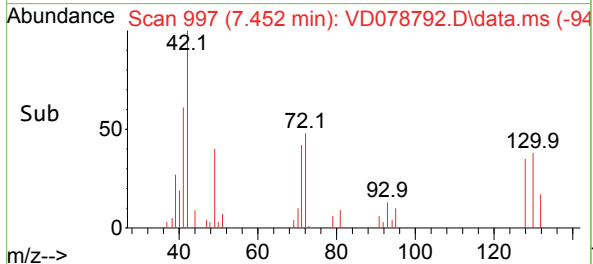
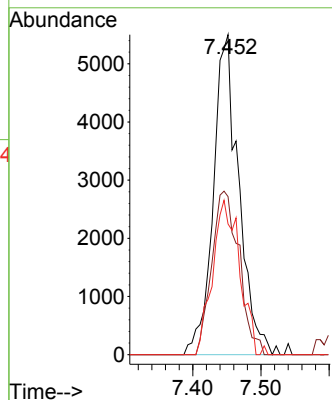
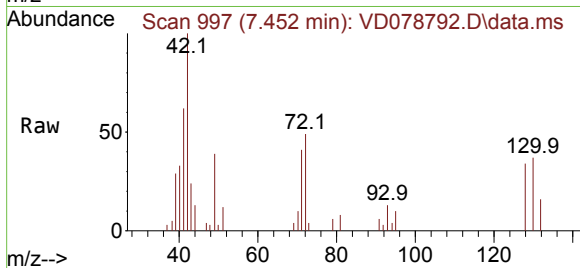
Tgt Ion: 42 Resp: 14332

Ion Ratio Lower Upper

42 100

72 54.8 43.8 65.6

71 50.8 42.0 63.0



#30

Chloroform

Concen: 21.522 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.012 min

Lab File: VD078792.D

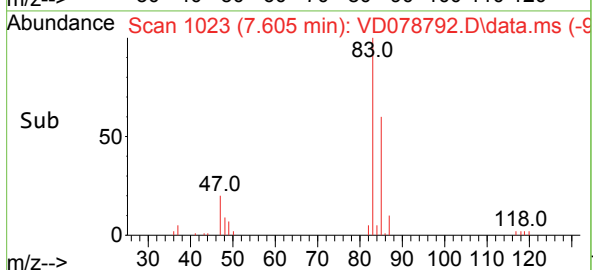
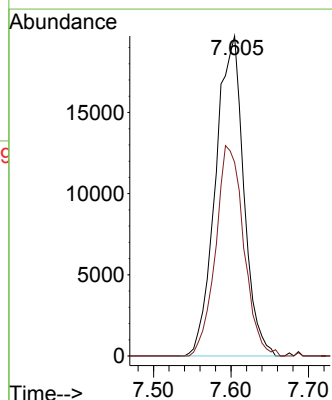
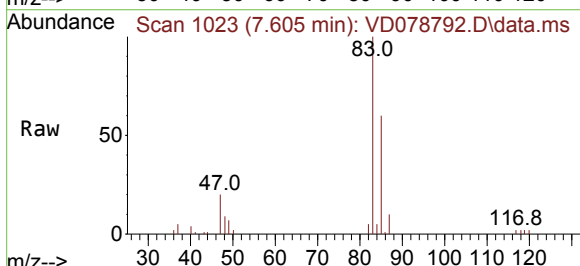
Acq: 29 Mar 2024 14:14

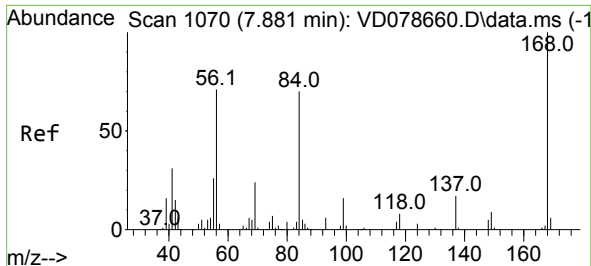
Tgt Ion: 83 Resp: 49779

Ion Ratio Lower Upper

83 100

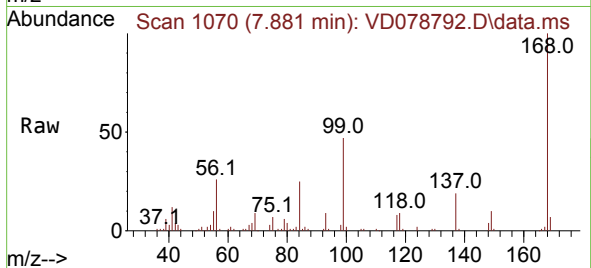
85 60.5 51.2 76.8



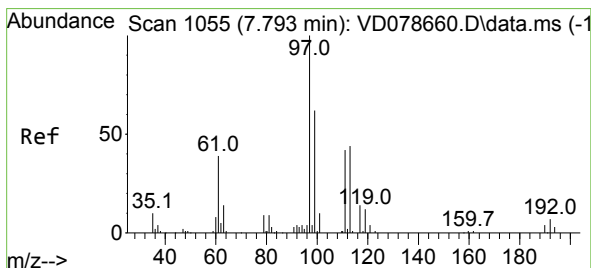
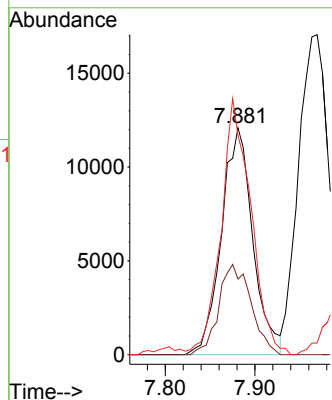
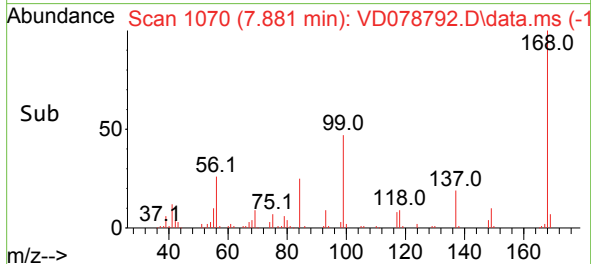


#31
Cyclohexane
Concen: 17.521 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

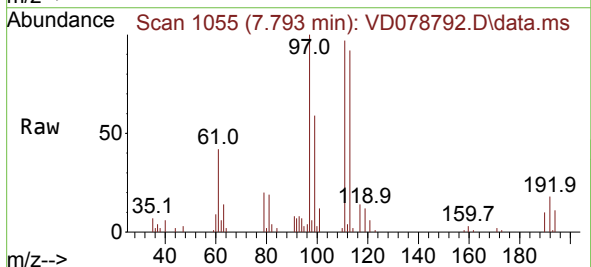
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



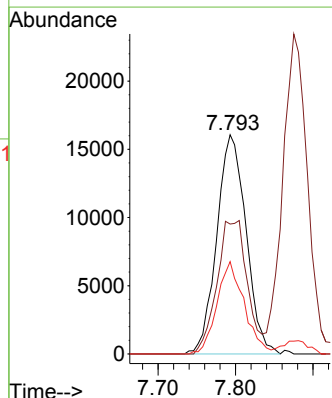
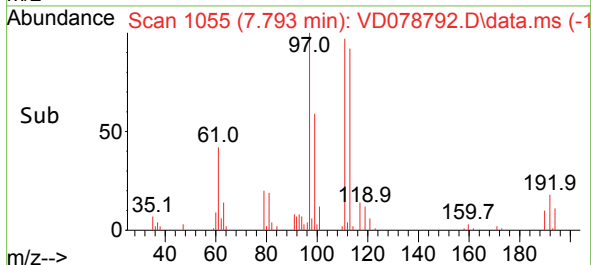
Tgt Ion: 56 Resp: 29419
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 94.3 79.4 119.2

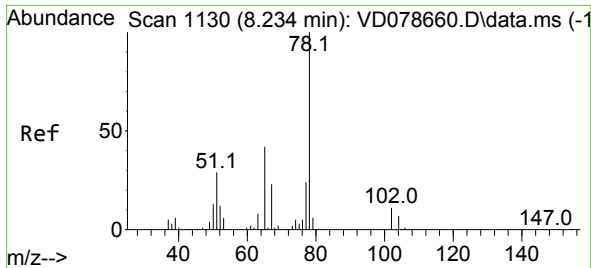


#32
1,1,1-Trichloroethane
Concen: 21.507 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14



Tgt Ion: 97 Resp: 42204
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 39.3 33.0 49.6

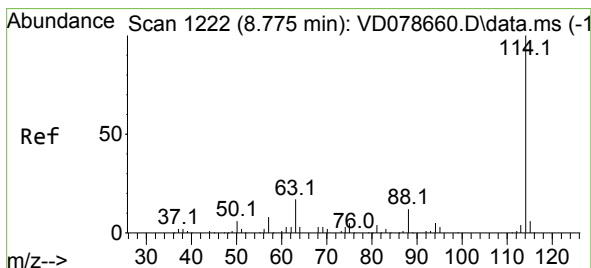
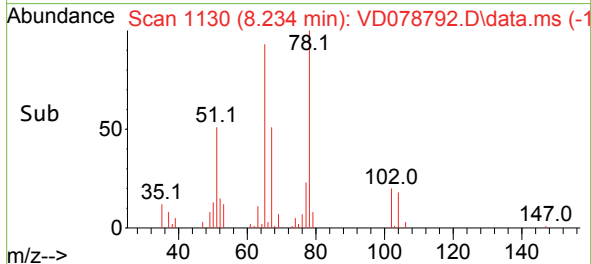
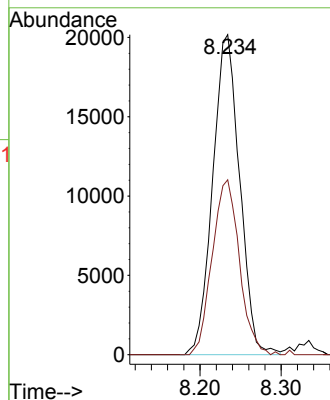
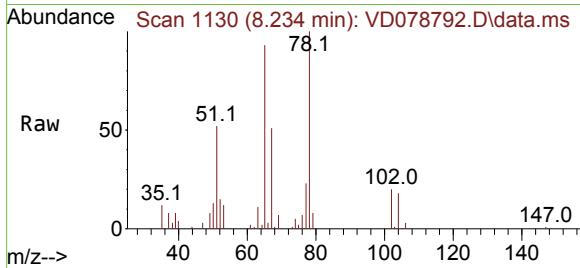




#33
 1,2-Dichloroethane-d4
 Concen: 46.597 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

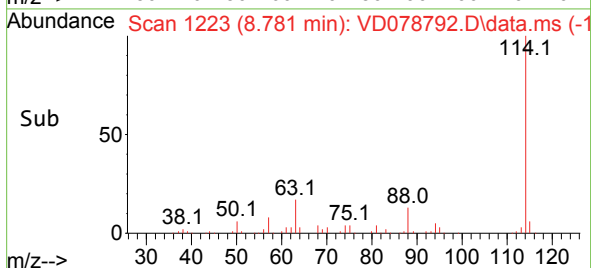
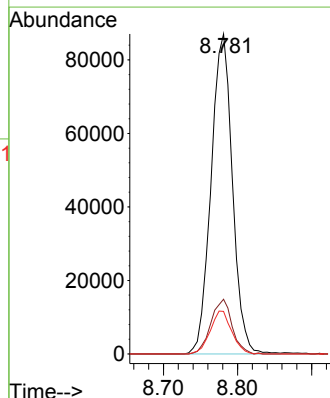
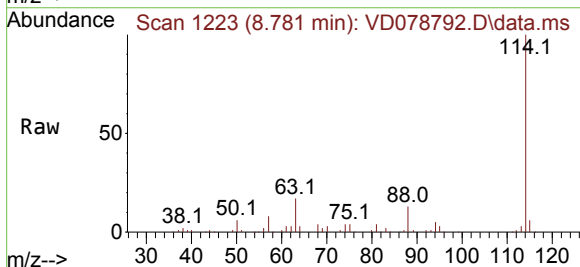
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

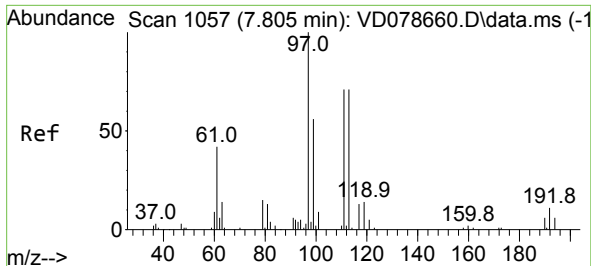
Tgt Ion: 65 Resp: 46549
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

Tgt Ion: 114 Resp: 174324
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.4
 88 13.3 0.0 24.6





#35

Dibromofluoromethane

Concen: 49.979 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBSD01

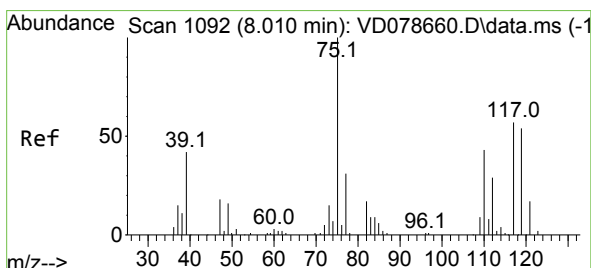
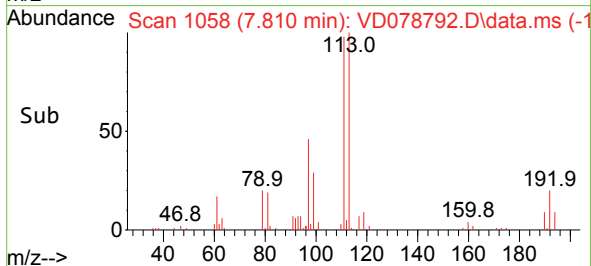
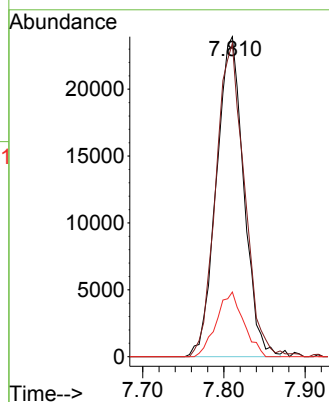
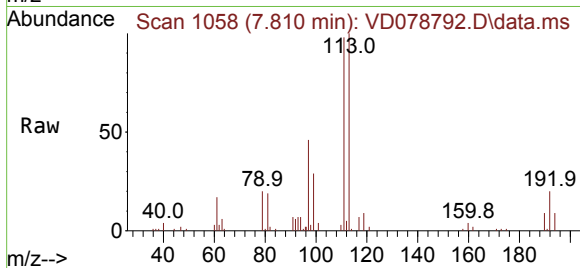
Tgt Ion:113 Resp: 56095

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 20.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.517 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

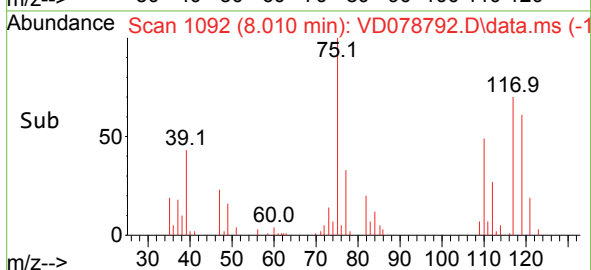
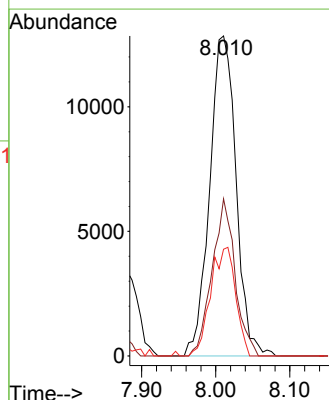
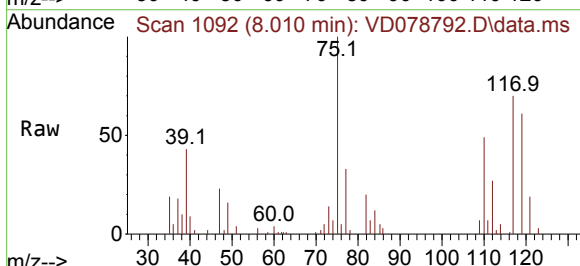
Tgt Ion: 75 Resp: 31783

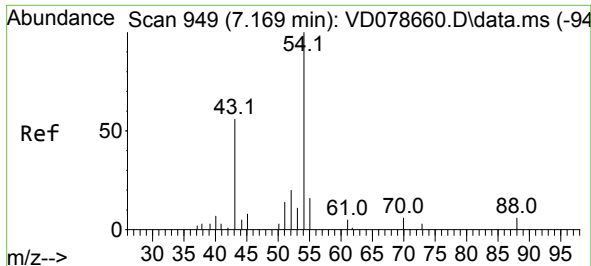
Ion Ratio Lower Upper

75 100

110 42.8 19.1 57.1

77 32.2 25.4 38.2





#37

Ethyl Acetate

Concen: 21.545 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

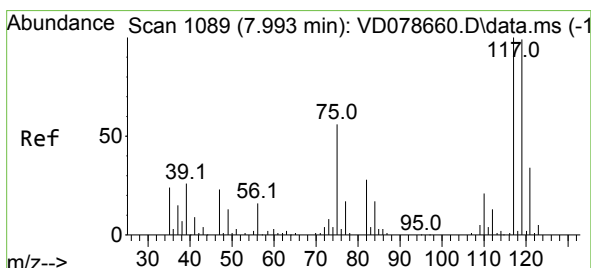
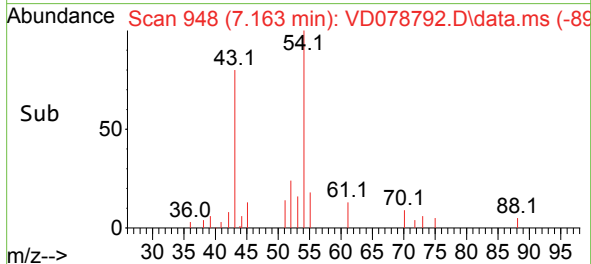
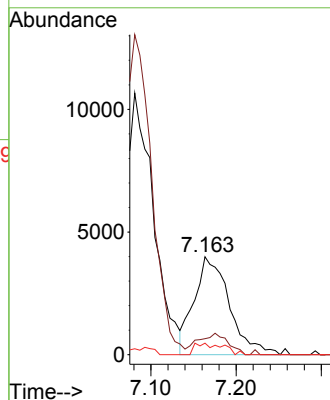
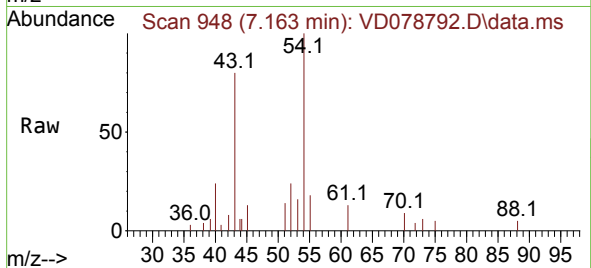
Tgt Ion: 43 Resp: 11462

Ion Ratio Lower Upper

43 100

61 18.6 14.6 21.8

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 21.759 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

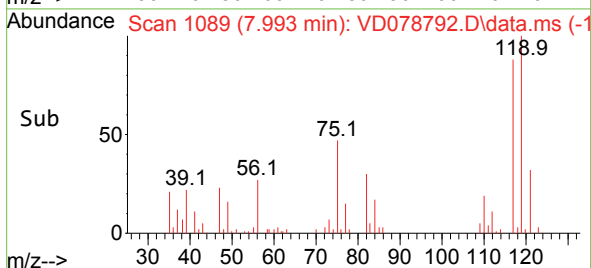
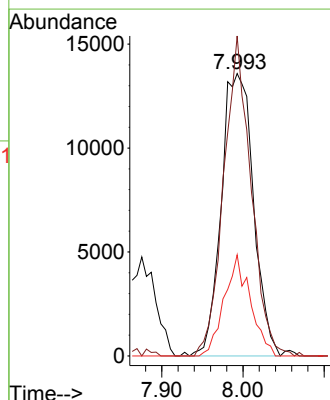
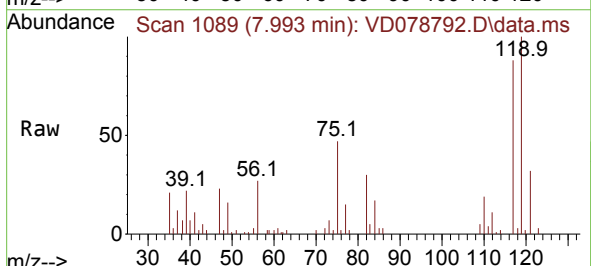
Tgt Ion: 117 Resp: 37357

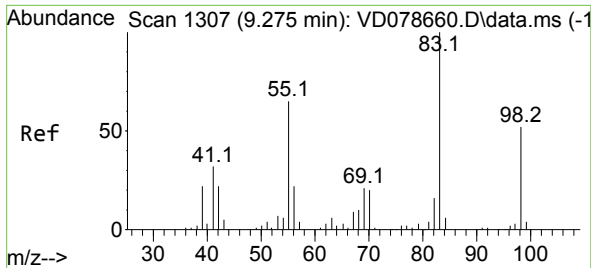
Ion Ratio Lower Upper

117 100

119 113.3 79.2 118.8

121 35.8 26.8 40.2





#39

Methylcyclohexane

Concen: 17.740 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBSD01

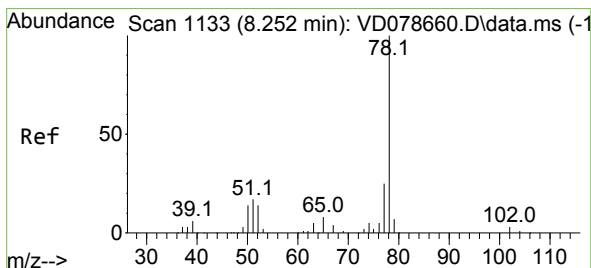
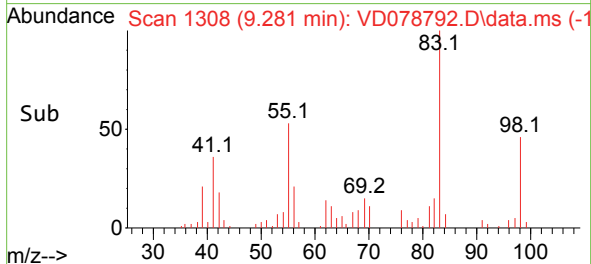
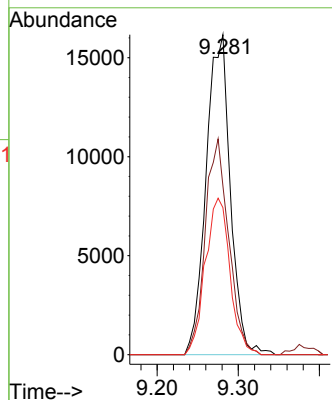
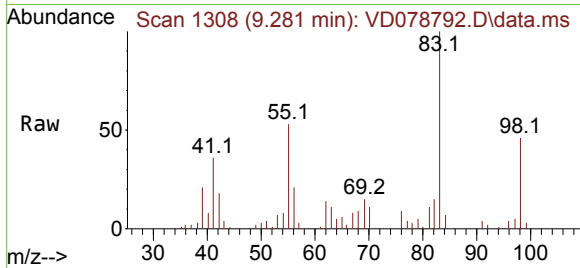
Tgt Ion: 83 Resp: 33513

Ion Ratio Lower Upper

83 100

55 52.8 51.7 77.5

98 45.9 41.4 62.0



#40

Benzene

Concen: 20.613 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078792.D

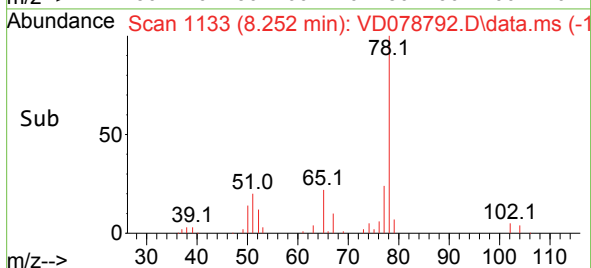
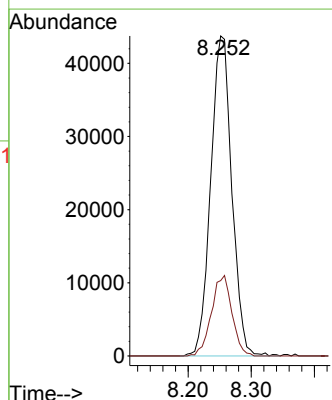
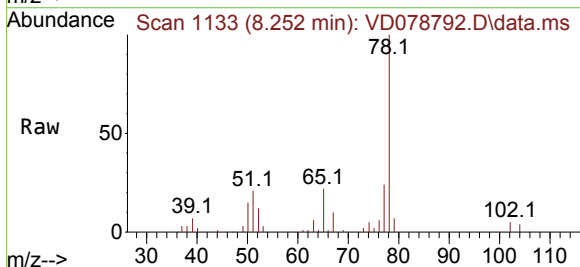
Acq: 29 Mar 2024 14:14

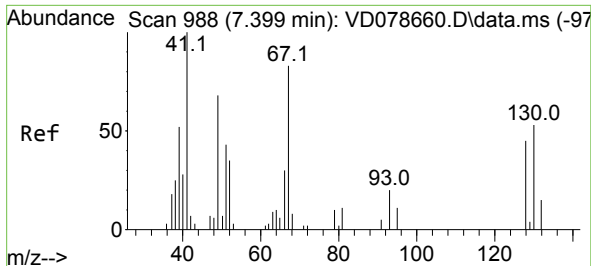
Tgt Ion: 78 Resp: 101474

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

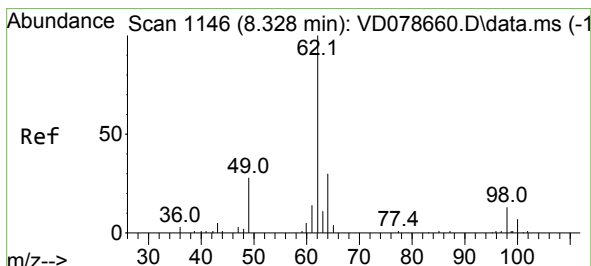
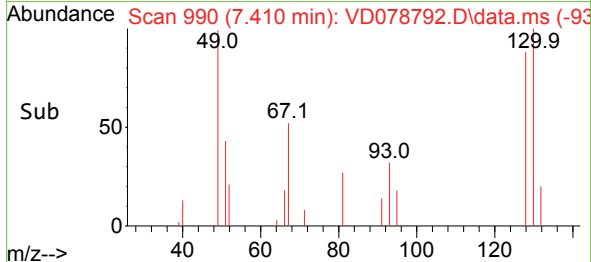
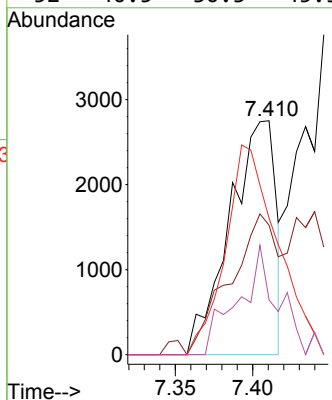
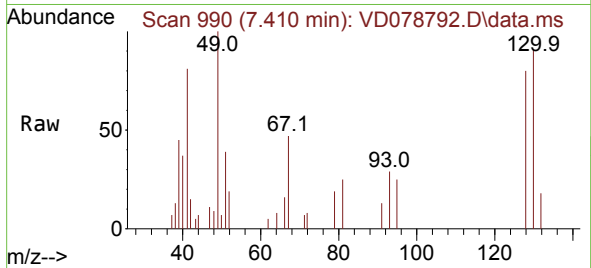




#41
Methacrylonitrile
Concen: 20.599 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.012 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

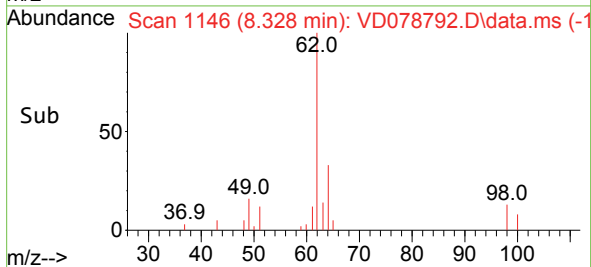
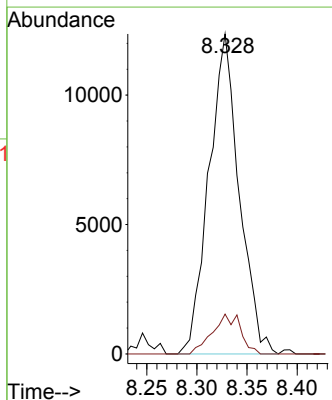
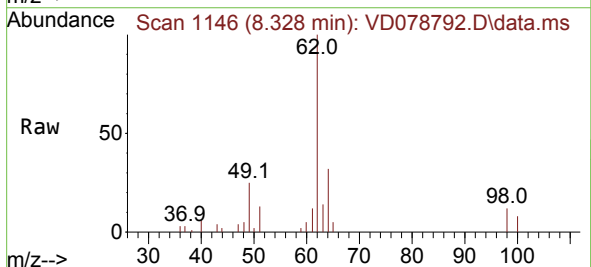
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

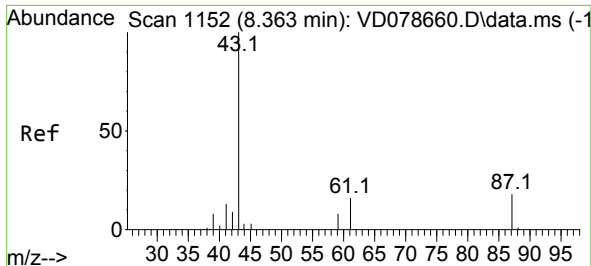
Tgt Ion: 41 Resp: 5743
Ion Ratio Lower Upper
41 100
39 62.2 39.8 59.6#
67 99.8 83.5 125.3
52 40.5 30.3 45.5



#42
1,2-Dichloroethane
Concen: 21.681 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 62 Resp: 26028
Ion Ratio Lower Upper
62 100
98 11.6 0.0 23.8

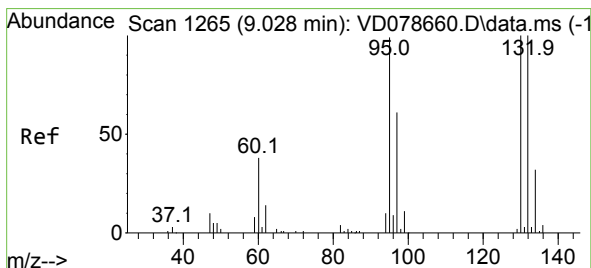
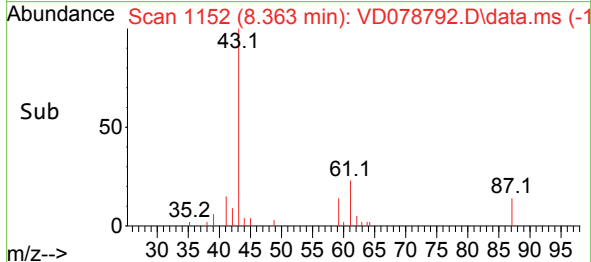
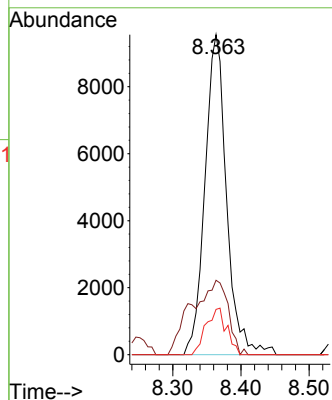
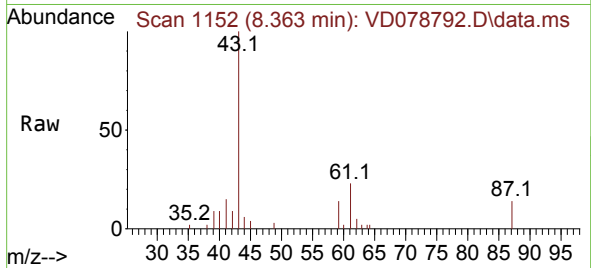




#43
Isopropyl Acetate
Concen: 21.765 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

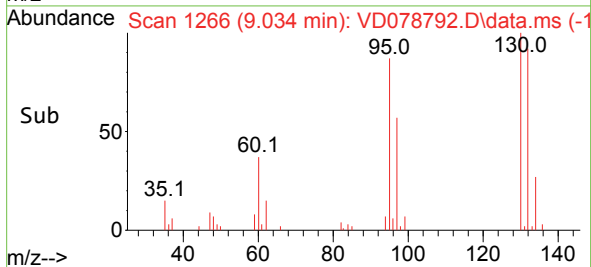
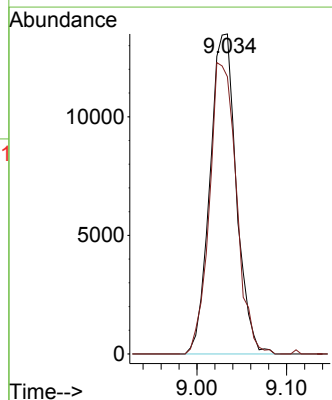
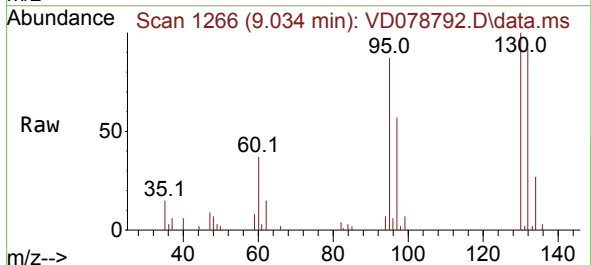
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

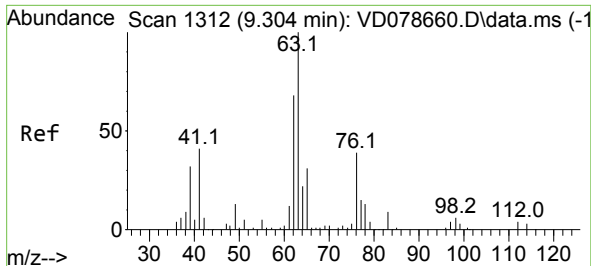
Tgt Ion: 43 Resp: 21058
Ion Ratio Lower Upper
43 100
61 39.1 30.1 45.1
87 13.9 14.4 21.6#



#44
Trichloroethene
Concen: 20.652 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:130 Resp: 27590
Ion Ratio Lower Upper
130 100
95 86.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.752 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

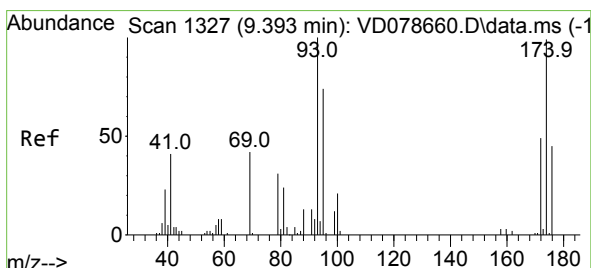
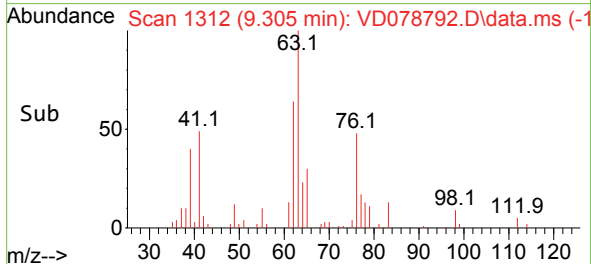
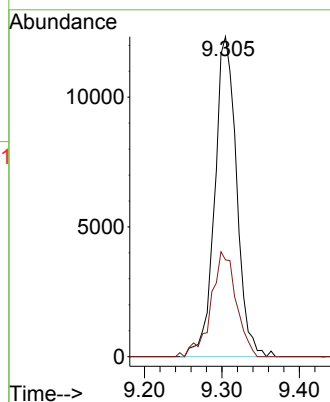
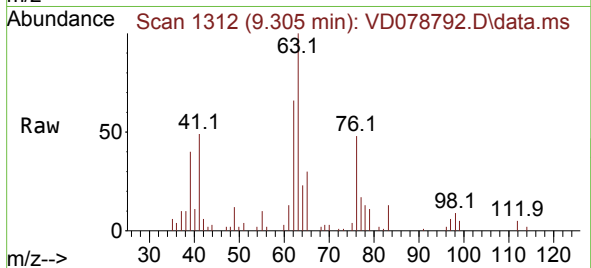
VD0329SBS01

Tgt Ion: 63 Resp: 24234

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



#46

Dibromomethane

Concen: 21.531 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

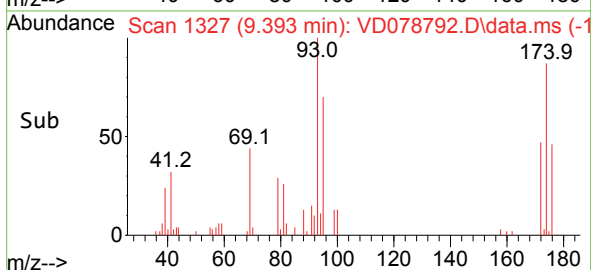
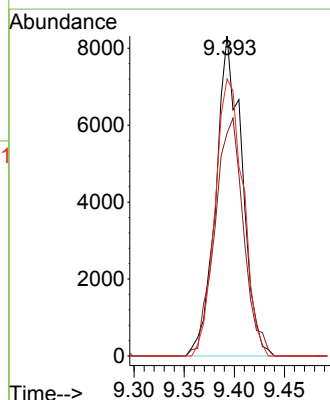
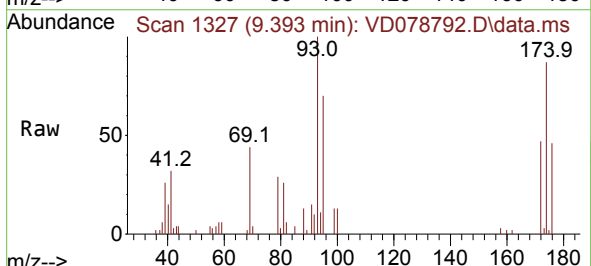
Tgt Ion: 93 Resp: 15072

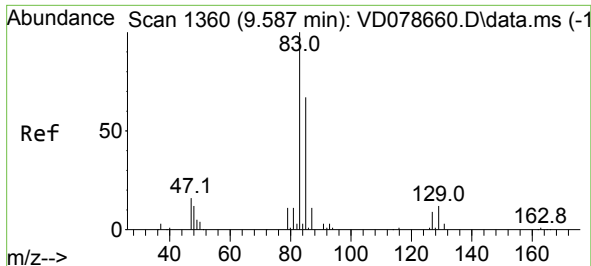
Ion Ratio Lower Upper

93 100

95 81.6 67.3 100.9

174 92.7 80.9 121.3

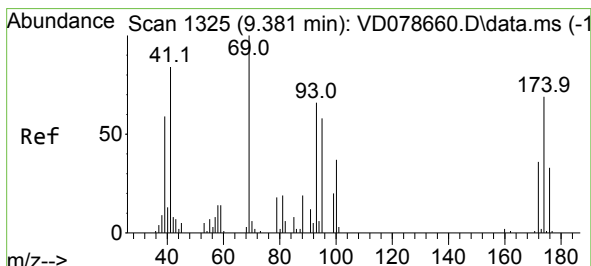
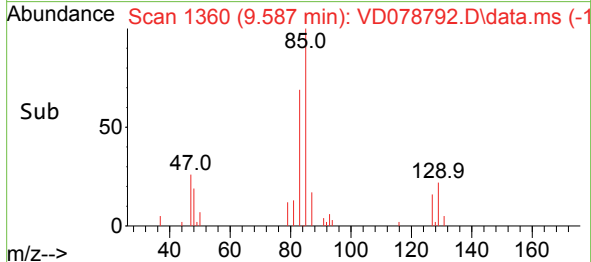
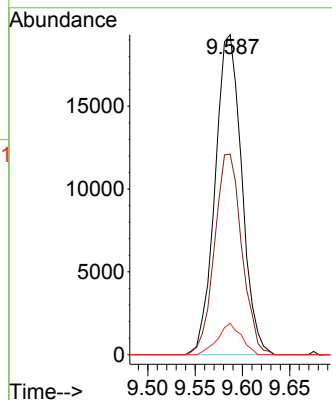
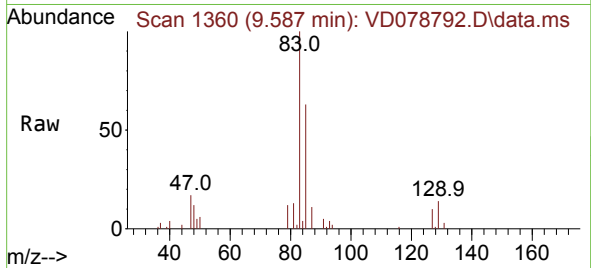




#47
Bromodichloromethane
Concen: 22.712 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

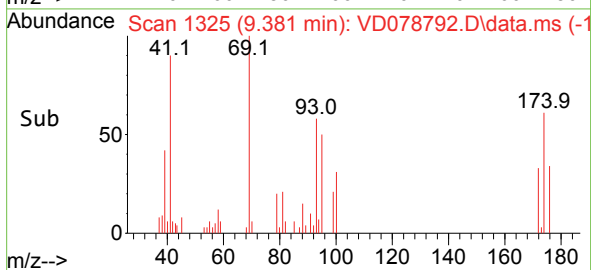
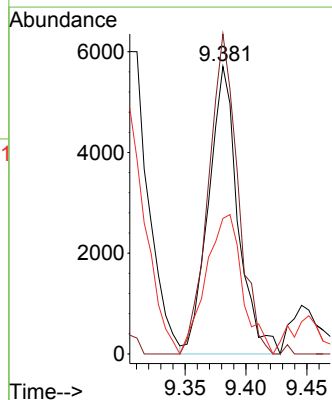
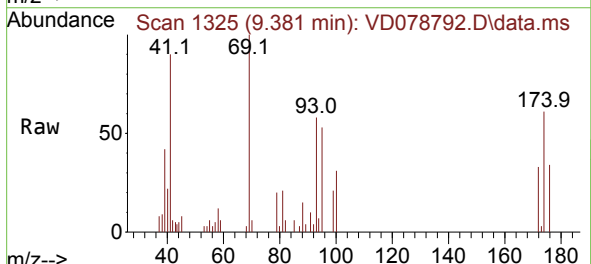
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

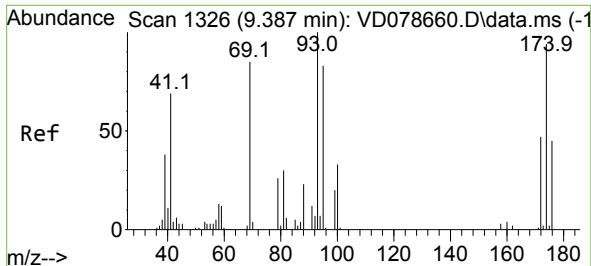
Tgt Ion: 83 Resp: 37848
Ion Ratio Lower Upper
83 100
85 62.7 54.0 81.0
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 20.419 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 41 Resp: 9626
Ion Ratio Lower Upper
41 100
69 111.0 88.3 132.5
39 59.9 46.6 69.8

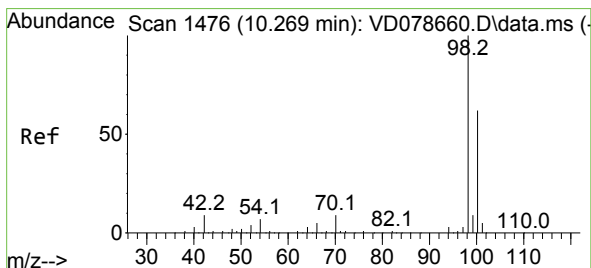
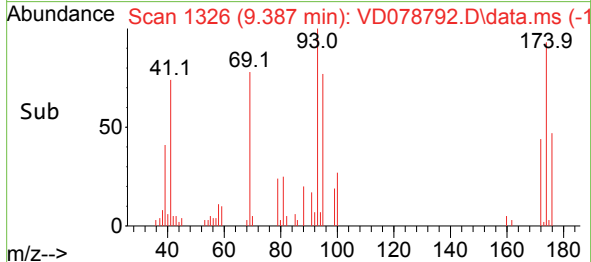
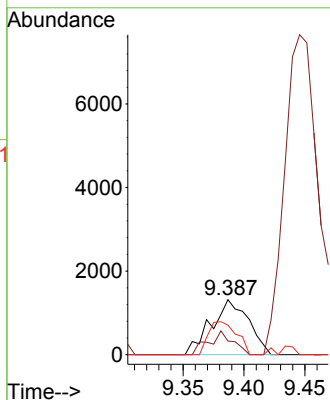
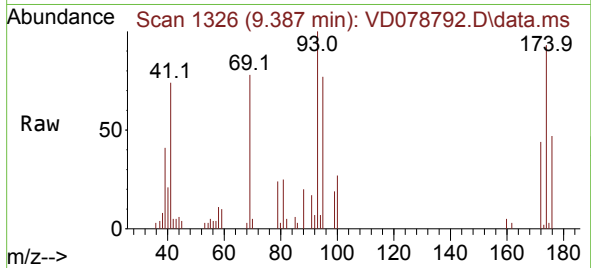




#49
1,4-Dioxane
Concen: 434.316 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

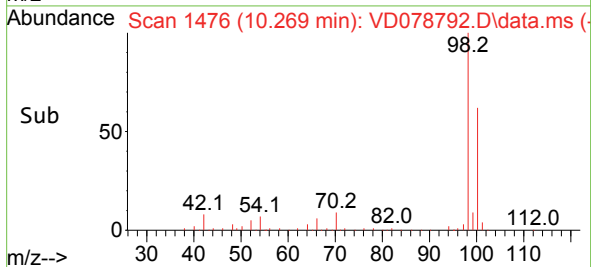
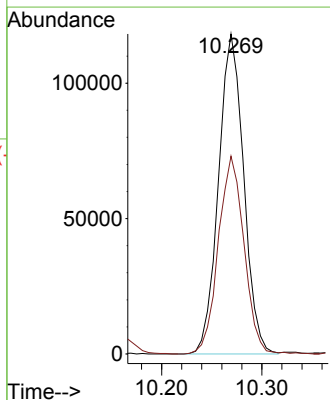
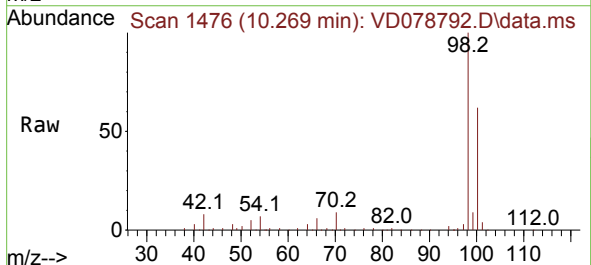
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

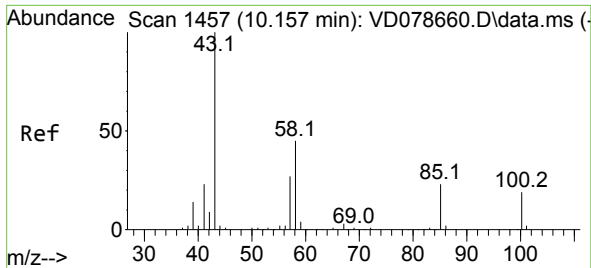
Tgt Ion: 88 Resp: 2815
Ion Ratio Lower Upper
88 100
43 28.0 23.2 34.8
58 45.3 51.0 76.6#



#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 98 Resp: 206075
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

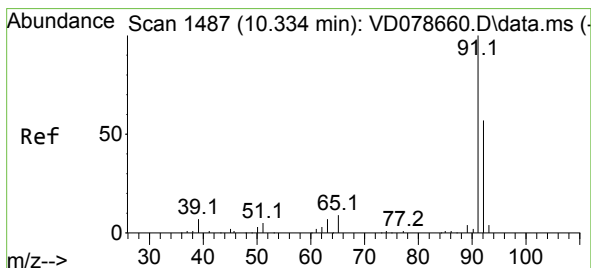
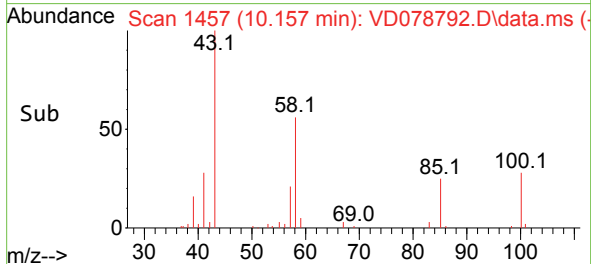
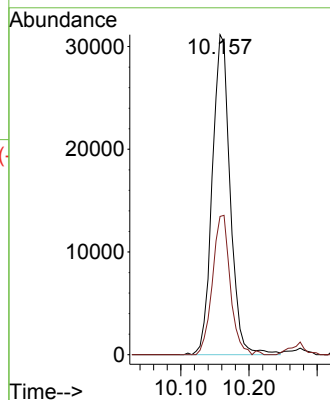
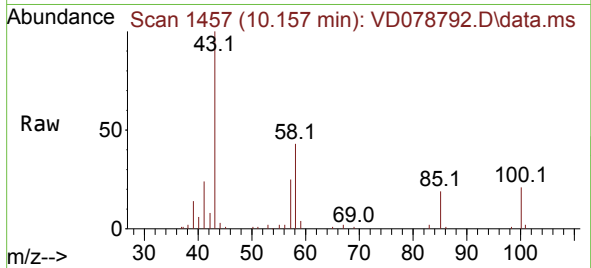




#51
4-Methyl-2-Pentanone
Concen: 112.631 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

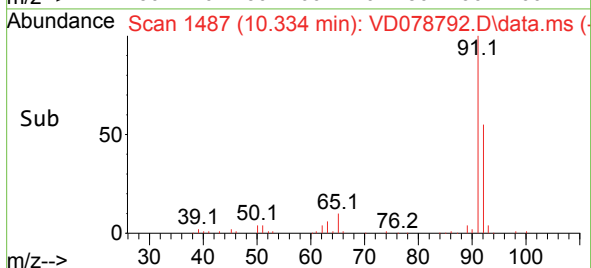
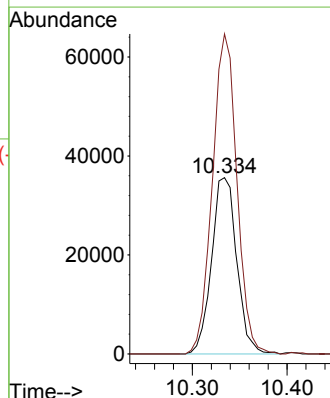
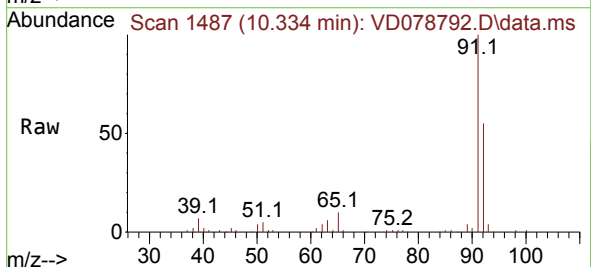
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

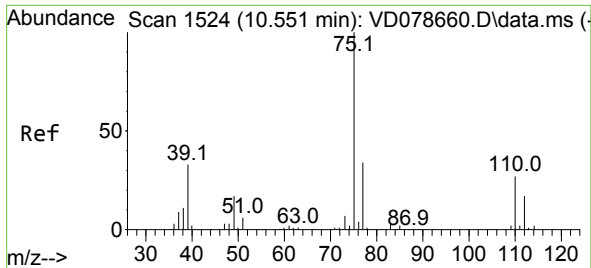
Tgt Ion: 43 Resp: 56970
Ion Ratio Lower Upper
43 100
58 43.0 36.4 54.6



#52
Toluene
Concen: 20.747 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 92 Resp: 65755
Ion Ratio Lower Upper
92 100
91 176.7 136.6 205.0

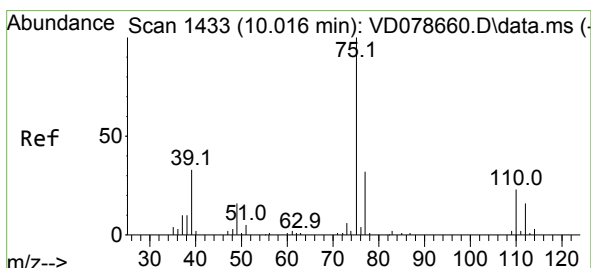
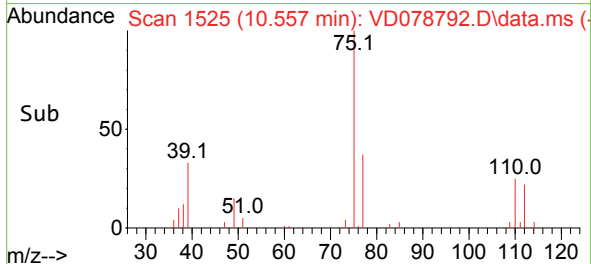
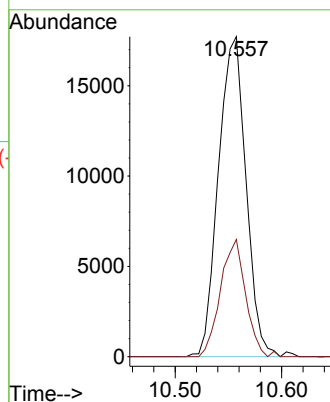
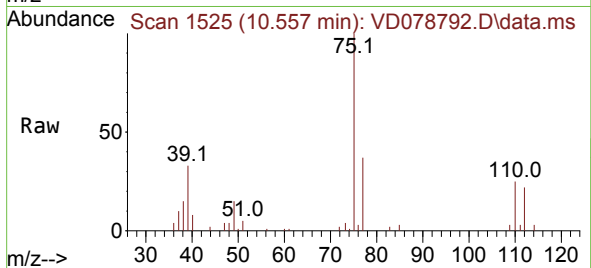




#53
 t-1,3-Dichloropropene
 Concen: 20.858 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

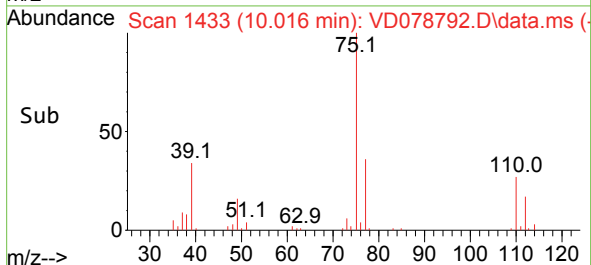
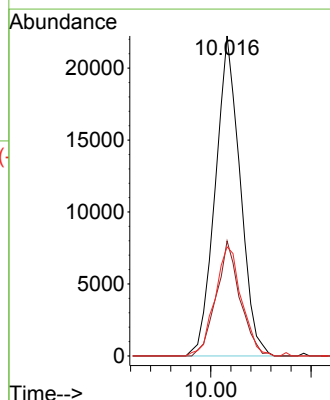
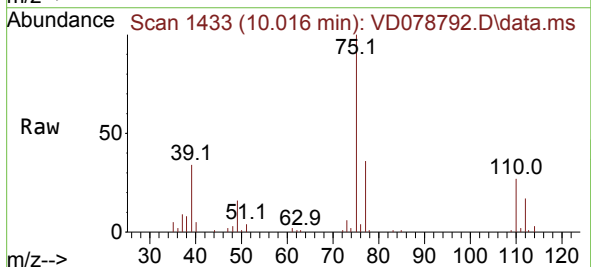
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBS01

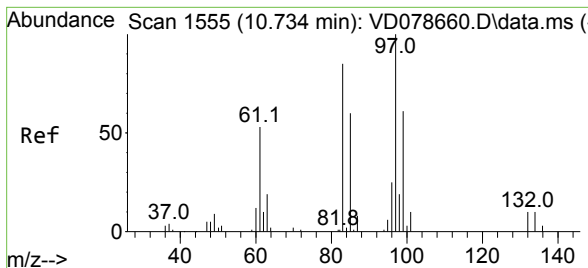
Tgt Ion: 75 Resp: 31780
 Ion Ratio Lower Upper
 75 100
 77 36.6 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.785 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078792.D
 Acq: 29 Mar 2024 14:14

Tgt Ion: 75 Resp: 38072
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.4 38.0
 39 34.1 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 21.519 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBSD01

Tgt Ion: 97 Resp: 20172

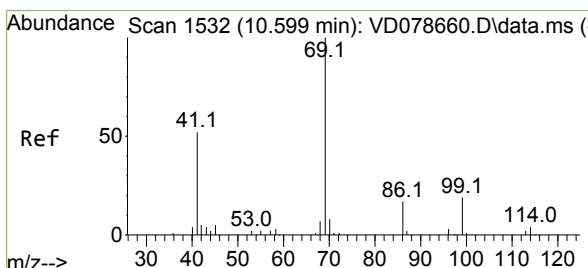
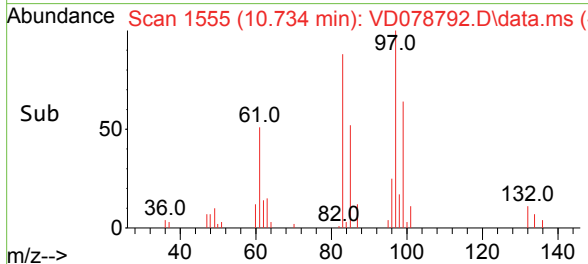
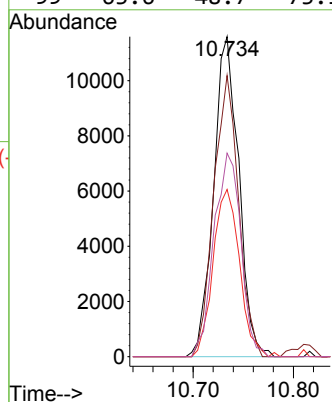
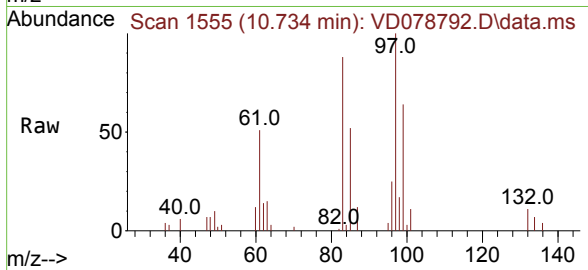
Ion Ratio Lower Upper

97 100

83 87.8 68.1 102.1

85 52.3 48.2 72.2

99 63.6 48.7 73.1



#56

Ethyl methacrylate

Concen: 21.421 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

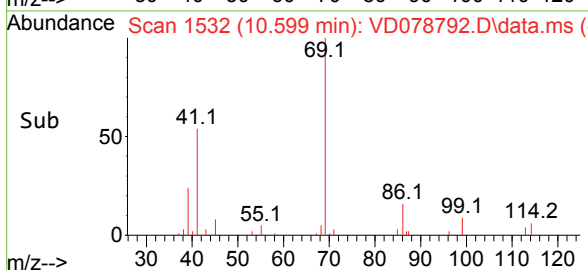
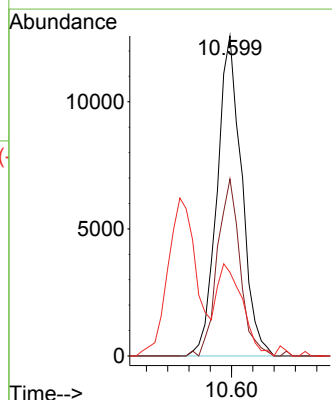
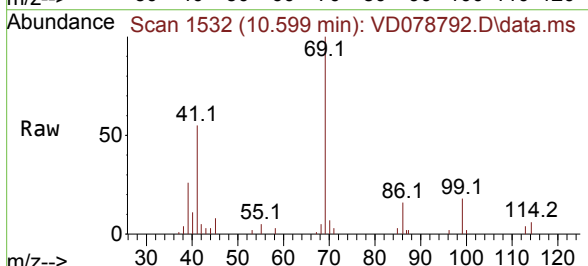
Tgt Ion: 69 Resp: 20130

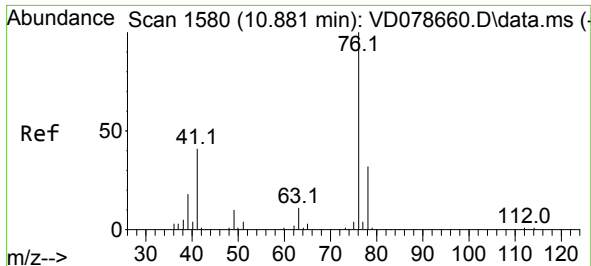
Ion Ratio Lower Upper

69 100

41 51.2 40.9 61.3

39 29.5 25.5 38.3





#57

1,3-Dichloropropane

Concen: 21.911 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

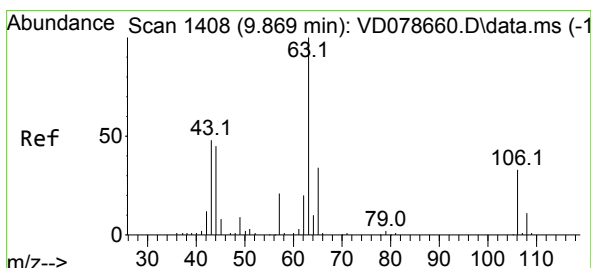
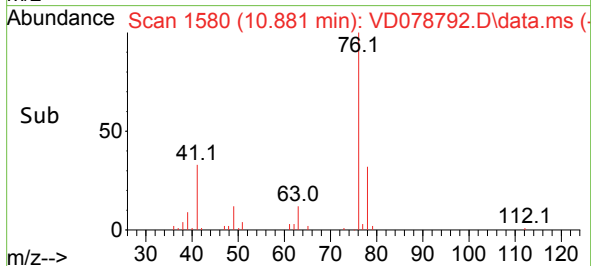
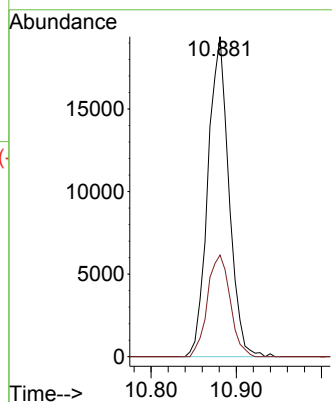
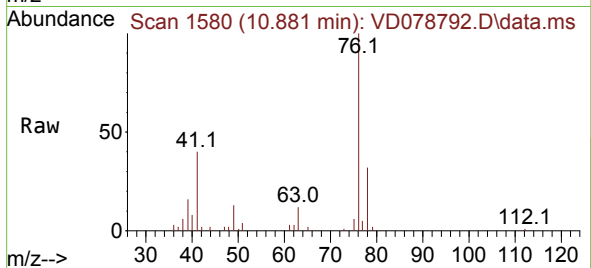
VD0329SBSD01

Tgt Ion: 76 Resp: 33142

Ion Ratio Lower Upper

76 100

78 34.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 111.838 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078792.D

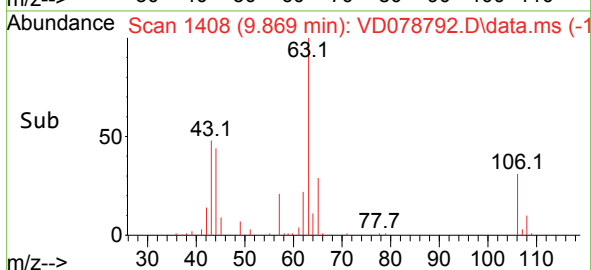
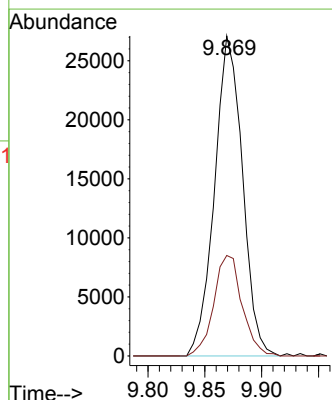
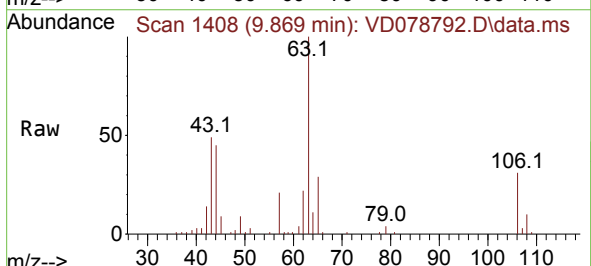
Acq: 29 Mar 2024 14:14

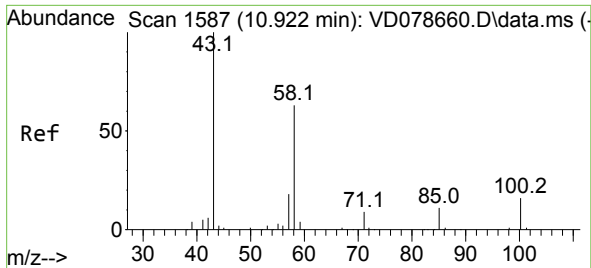
Tgt Ion: 63 Resp: 46342

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

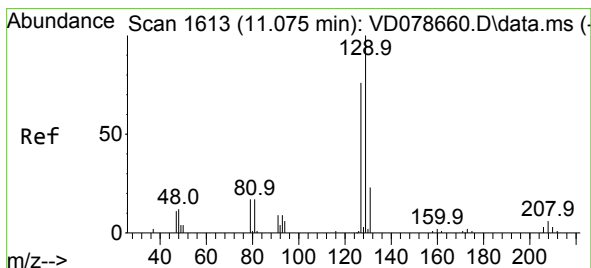
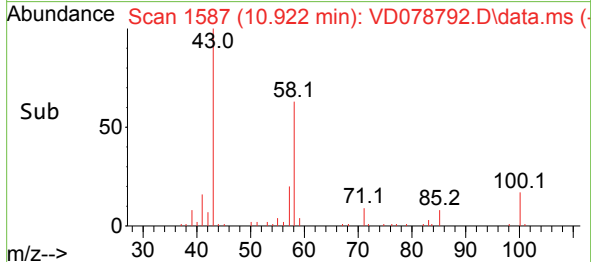
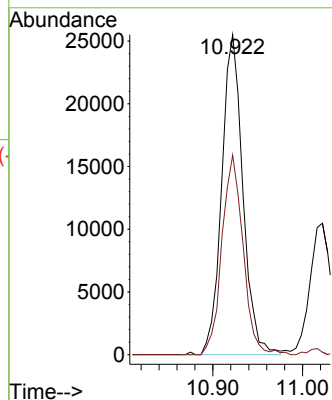
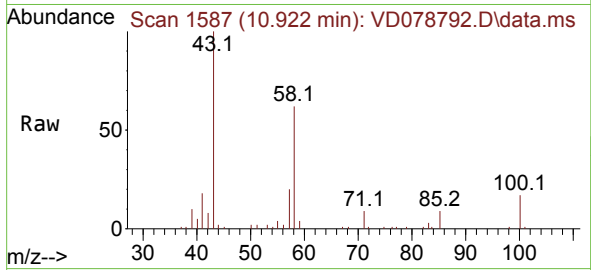




#59
2-Hexanone
Concen: 111.305 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

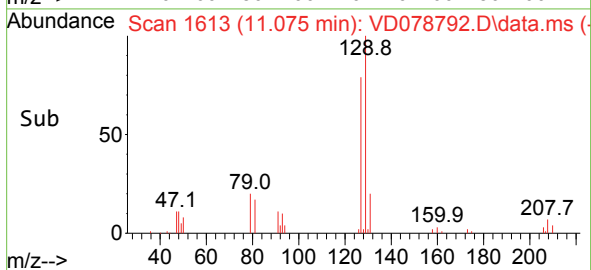
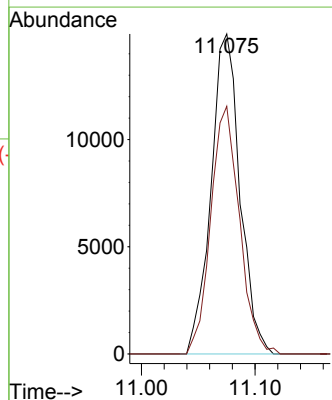
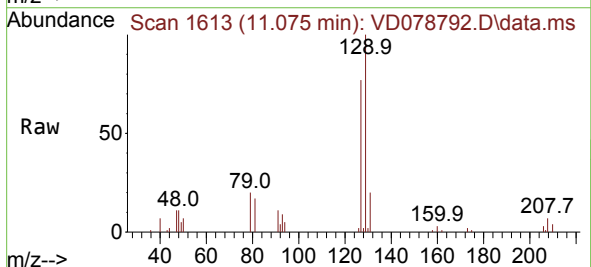
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

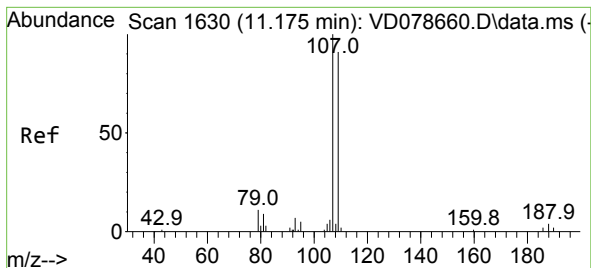
Tgt Ion: 43 Resp: 41735
Ion Ratio Lower Upper
43 100
58 62.4 31.5 94.5



#60
Dibromochloromethane
Concen: 22.905 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 129 Resp: 26479
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 22.014 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

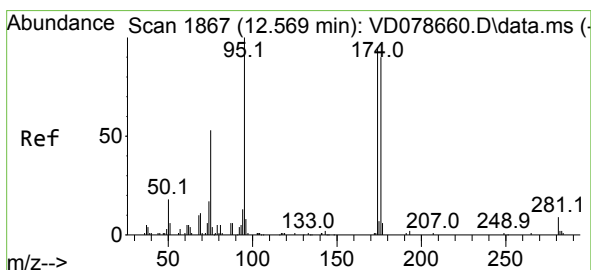
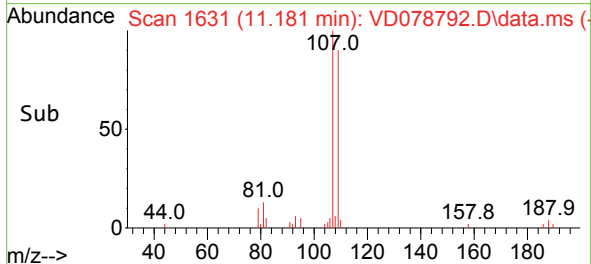
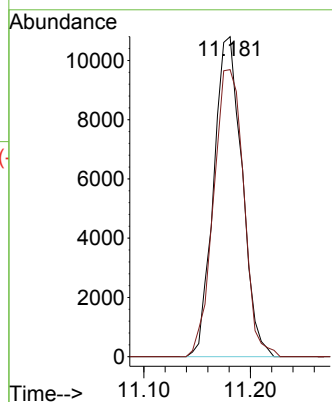
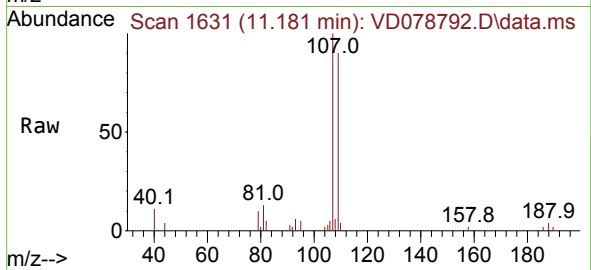
VD0329SBS01

Tgt Ion:107 Resp: 19971

Ion Ratio Lower Upper

107 100

109 95.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 50.157 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

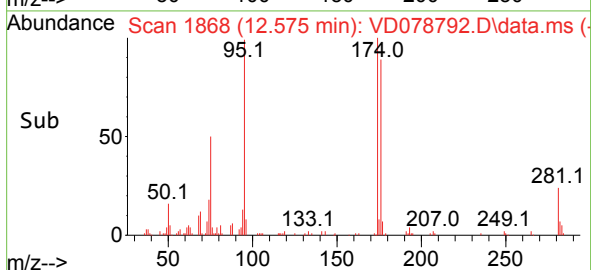
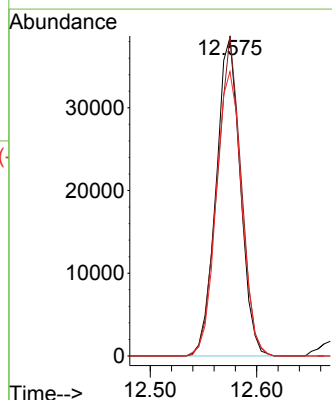
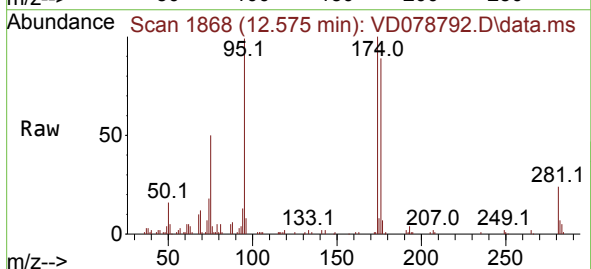
Tgt Ion: 95 Resp: 60570

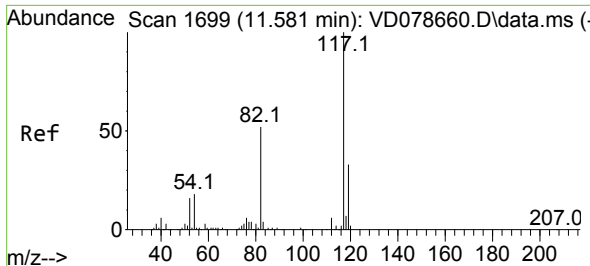
Ion Ratio Lower Upper

95 100

174 99.3 0.0 195.2

176 94.6 0.0 188.2

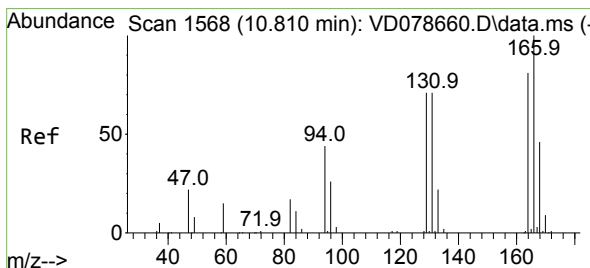
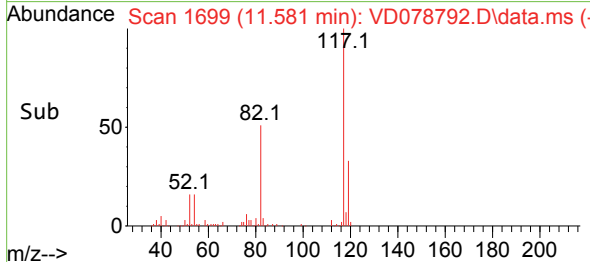
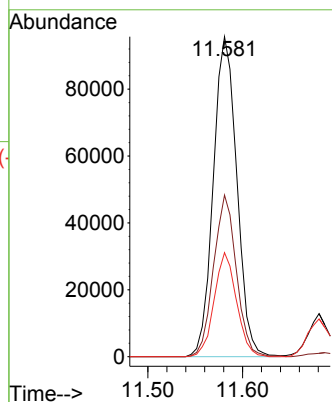
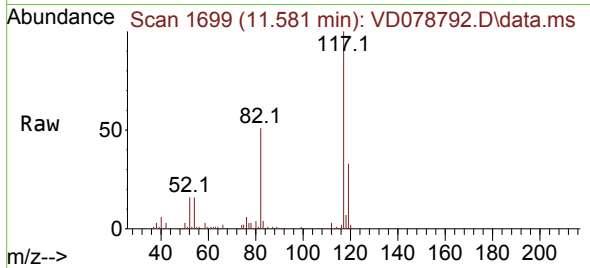




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

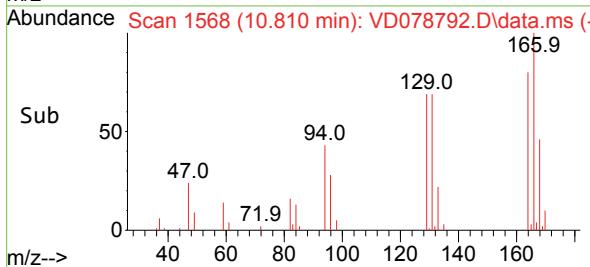
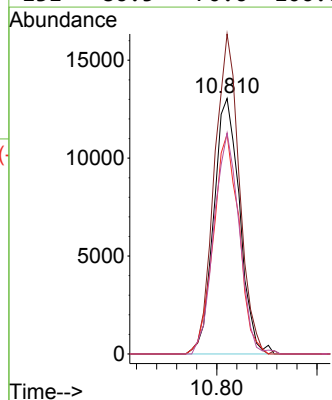
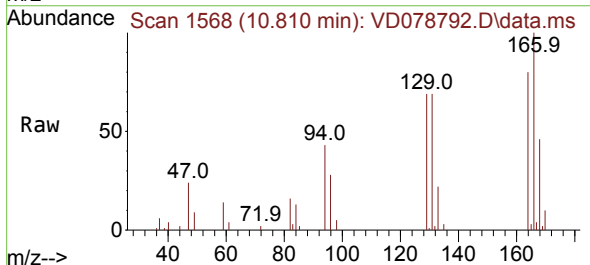
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

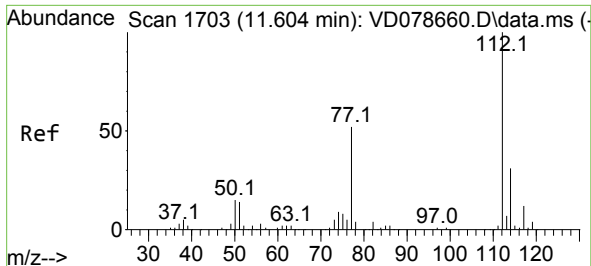
Tgt Ion:117 Resp: 165351
Ion Ratio Lower Upper
117 100
82 50.5 41.4 62.2
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 21.369 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:164 Resp: 23382
Ion Ratio Lower Upper
164 100
166 125.2 98.9 148.3
129 86.0 70.3 105.5
131 86.5 70.6 106.0

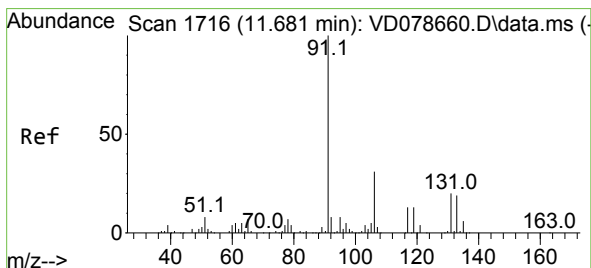
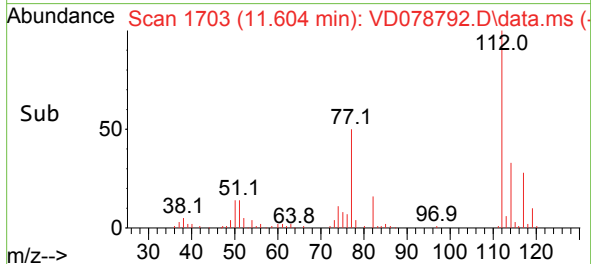
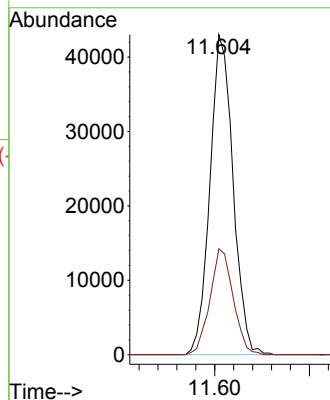
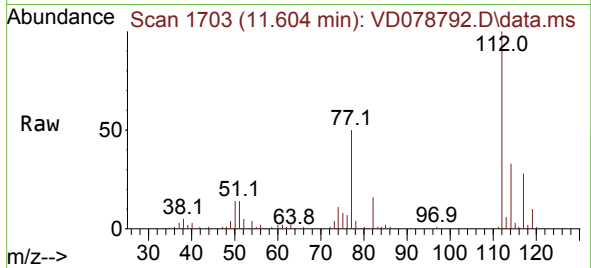




#65
Chlorobenzene
Concen: 21.054 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

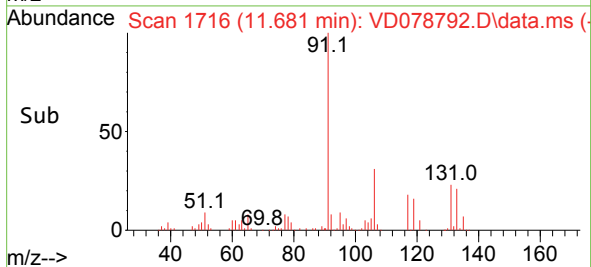
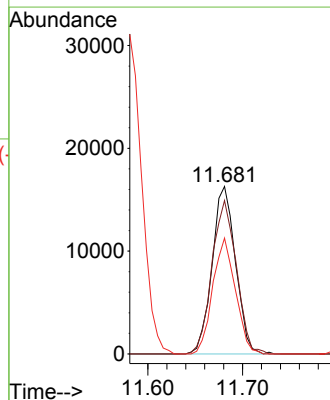
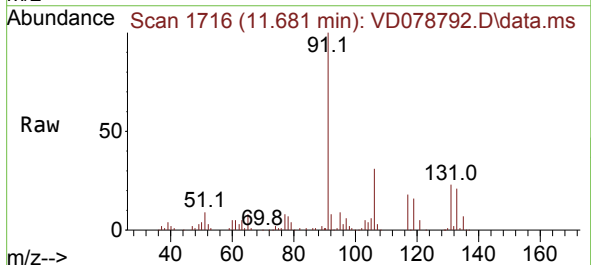
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

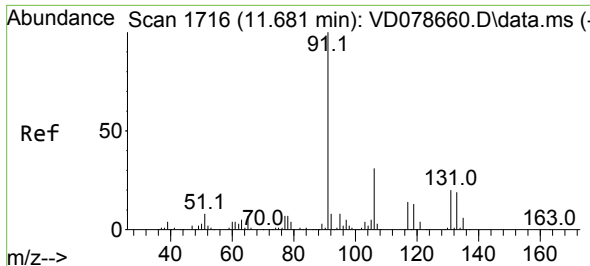
Tgt Ion:112 Resp: 72747
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.040 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:131 Resp: 27890
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 67.2 34.1 102.3

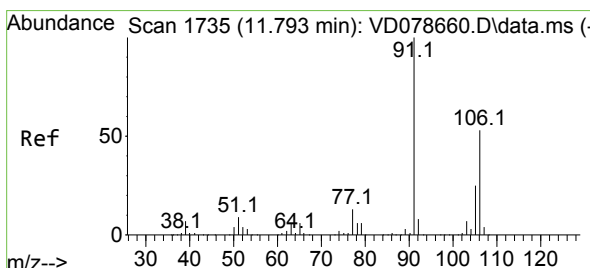
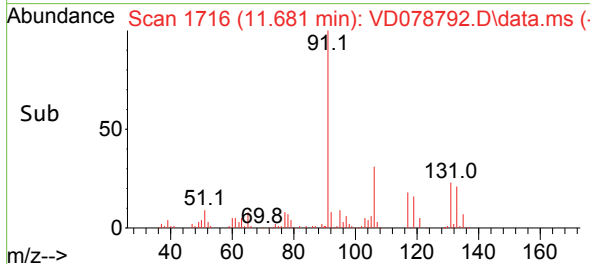
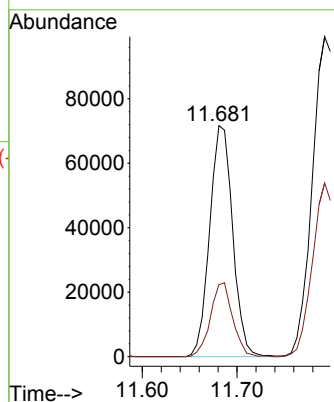
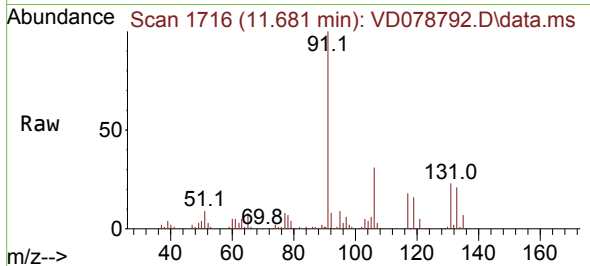




#67
Ethyl Benzene
Concen: 20.517 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

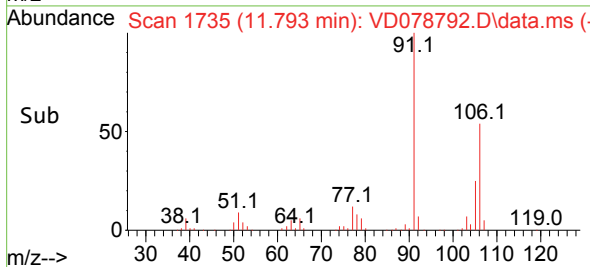
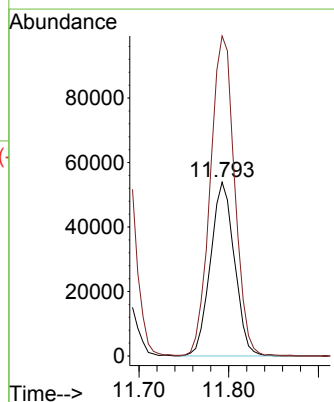
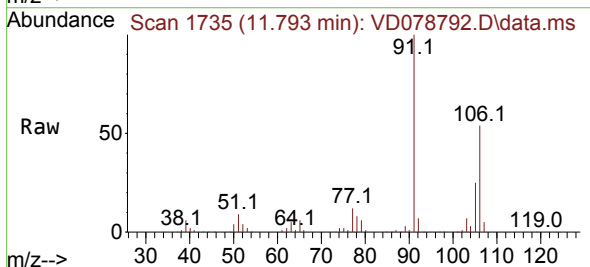
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

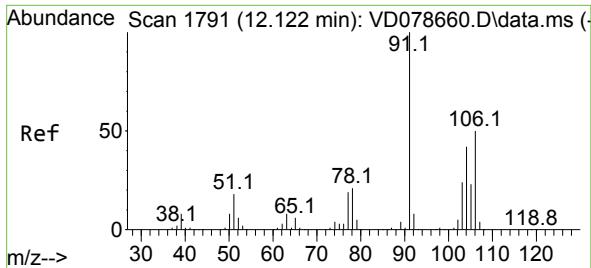
Tgt Ion: 91 Resp: 120808
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 41.828 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 106 Resp: 100010
Ion Ratio Lower Upper
106 100
91 187.3 154.4 231.6

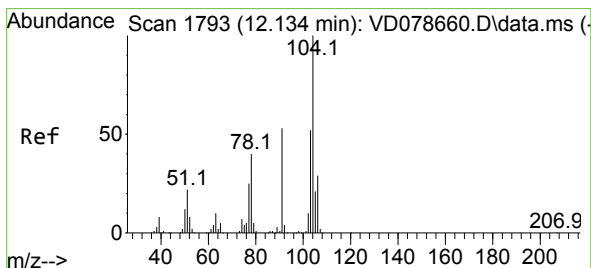
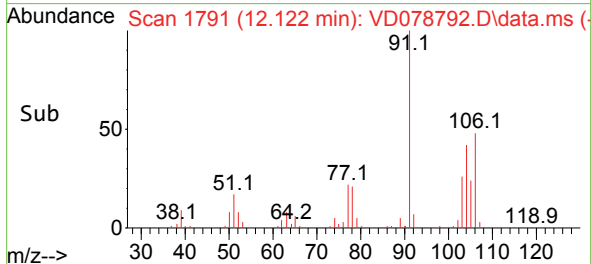
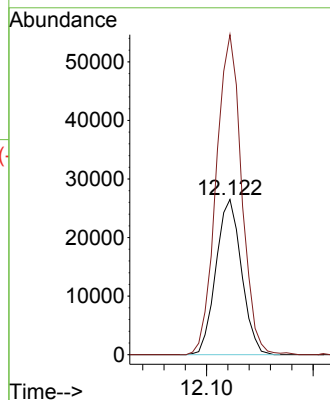
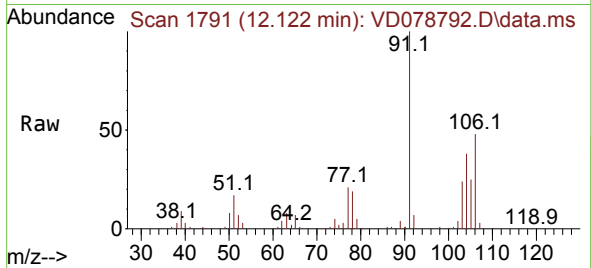




#69
o-Xylene
Concen: 19.928 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

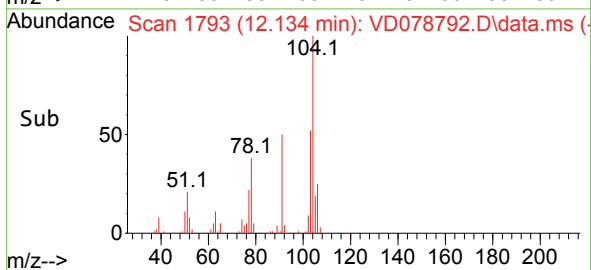
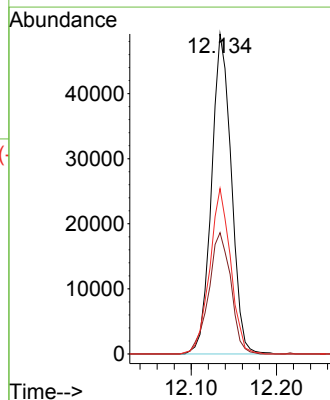
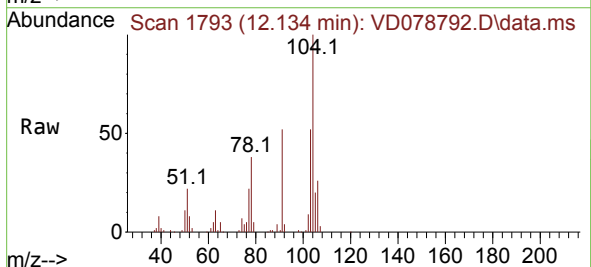
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

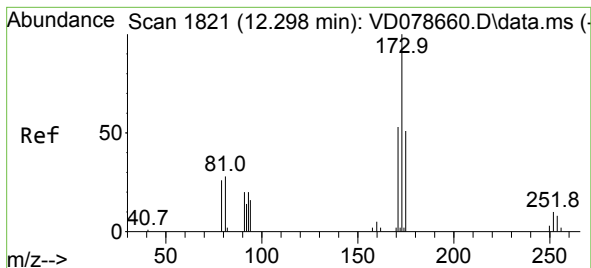
Tgt Ion:106 Resp: 44085
Ion Ratio Lower Upper
106 100
91 206.1 99.6 298.7



#70
Styrene
Concen: 21.360 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:104 Resp: 79310
Ion Ratio Lower Upper
104 100
78 42.3 34.6 52.0
103 54.7 44.2 66.2





#71

Bromoform

Concen: 22.708 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBSD01

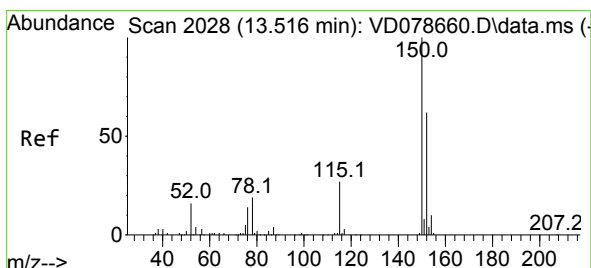
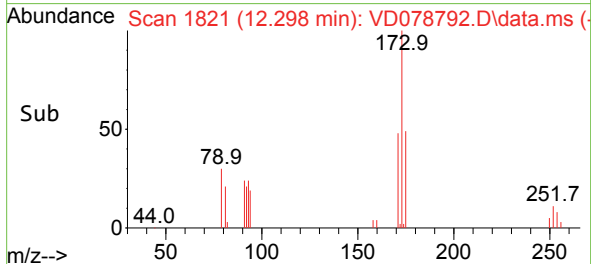
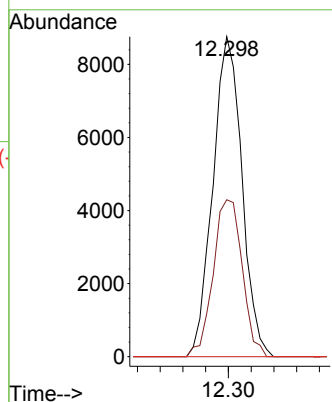
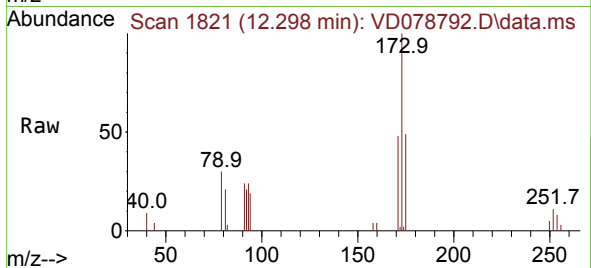
Tgt Ion:173 Resp: 15529

Ion Ratio Lower Upper

173 100

175 49.2 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

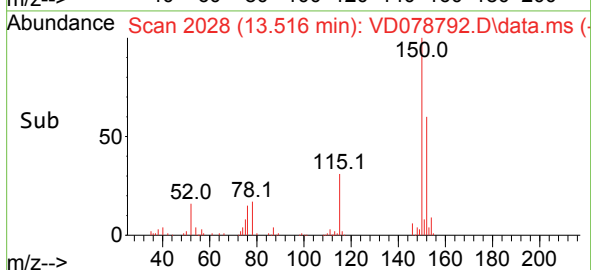
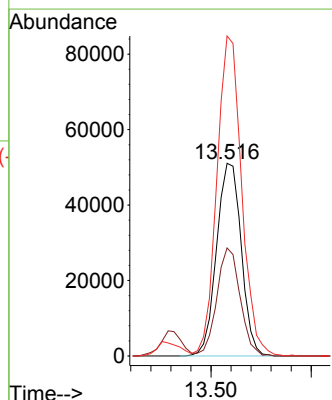
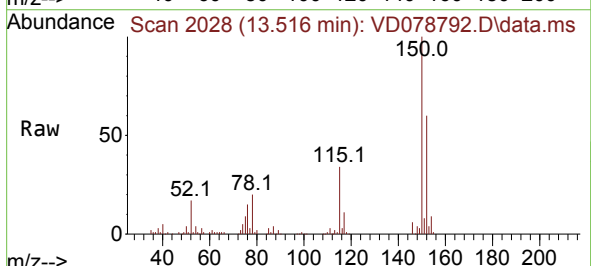
Tgt Ion:152 Resp: 87113

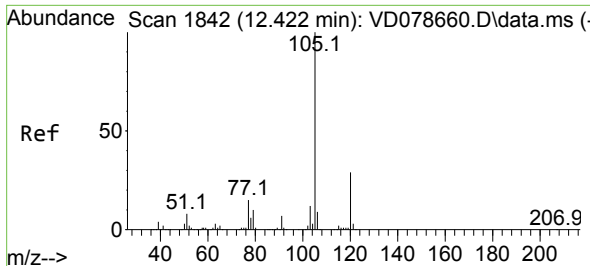
Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.2

150 166.9 0.0 350.2

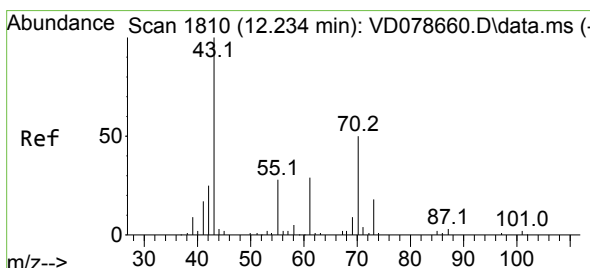
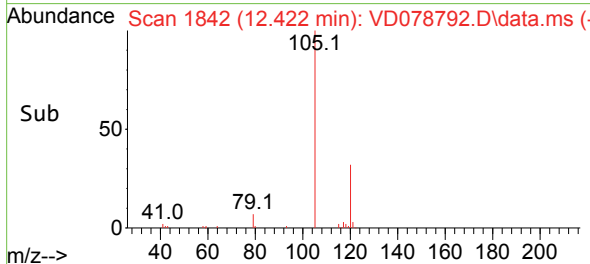
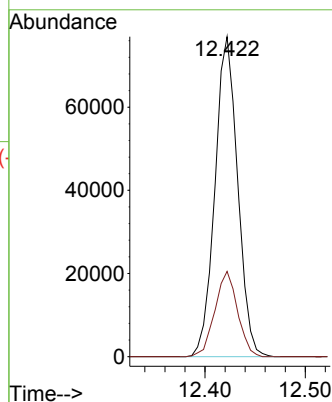
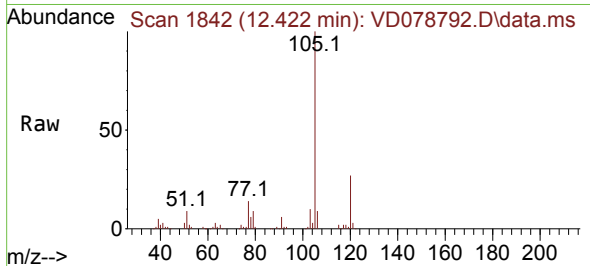




#73
Isopropylbenzene
Concen: 21.086 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

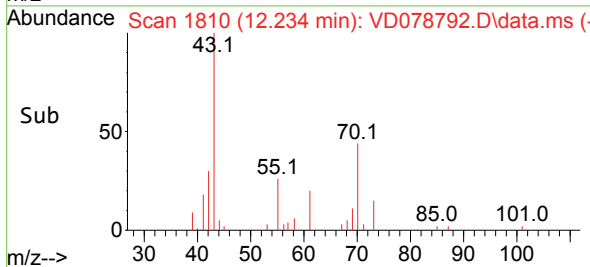
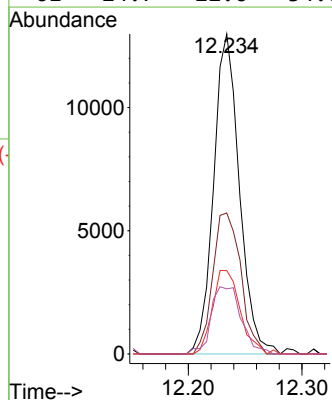
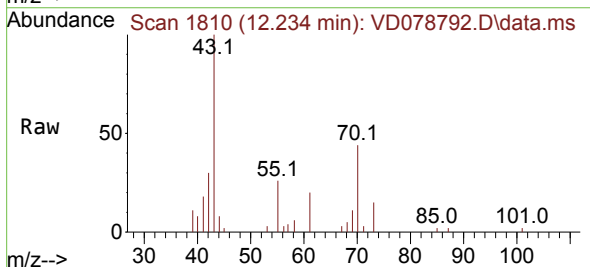
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

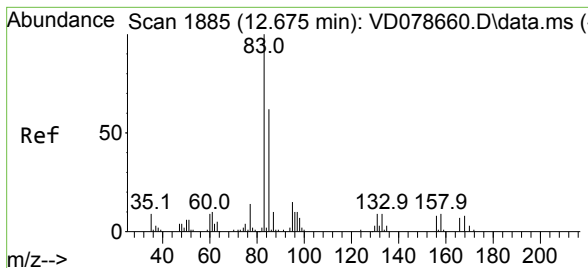
Tgt Ion:105 Resp: 120943
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0



#74
N-ethyl acetate
Concen: 21.985 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 43 Resp: 20473
Ion Ratio Lower Upper
43 100
70 47.9 42.1 63.1
55 28.1 22.6 33.8
61 24.7 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.948 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBSD01

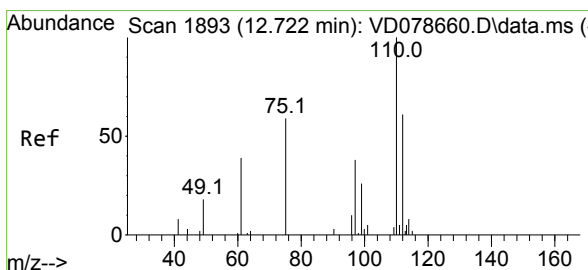
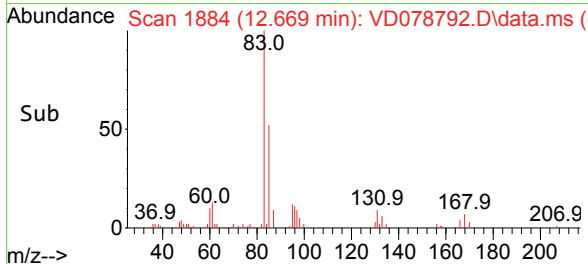
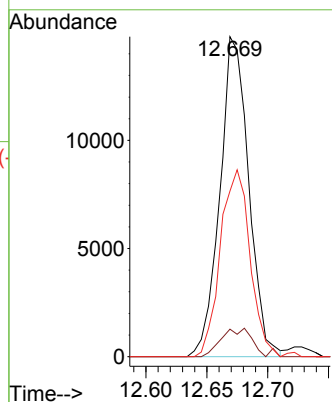
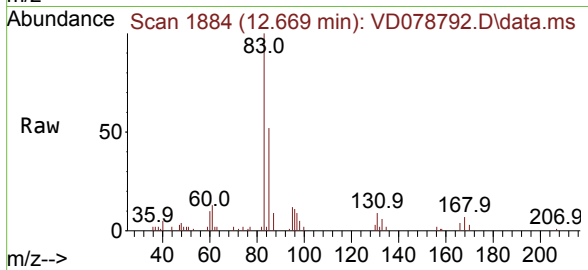
Tgt Ion: 83 Resp: 24365

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

85 60.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 39.799 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078792.D

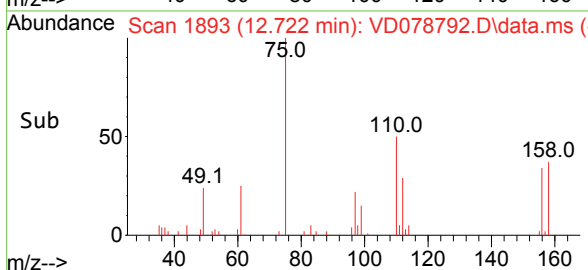
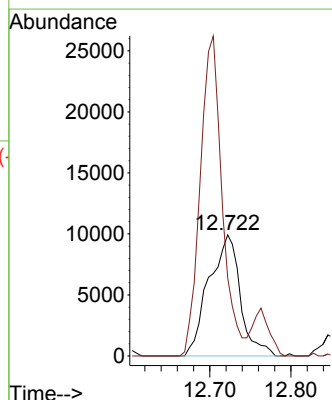
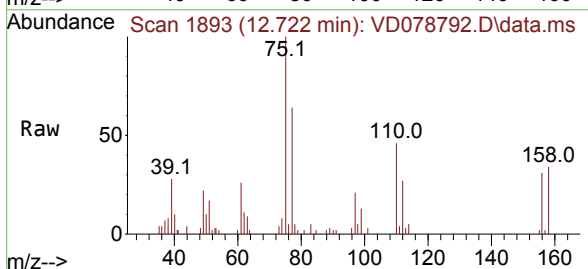
Acq: 29 Mar 2024 14:14

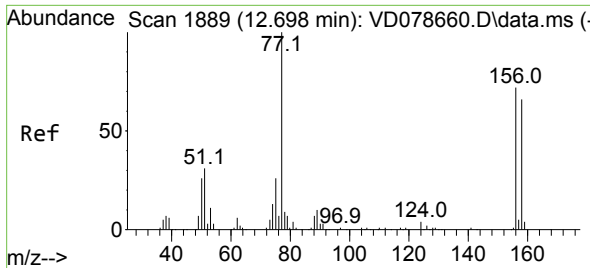
Tgt Ion: 75 Resp: 26711

Ion Ratio Lower Upper

75 100

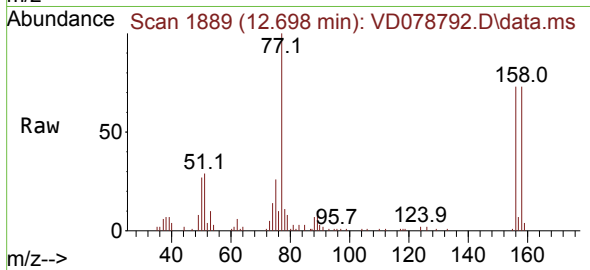
77 183.1 0.0 0.0#



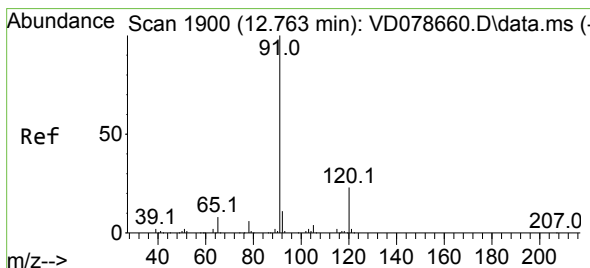
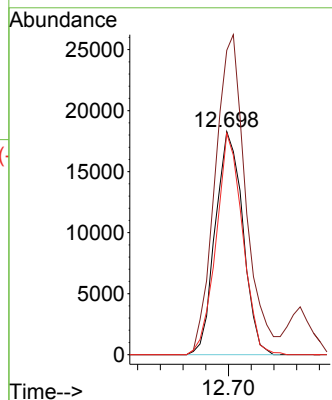
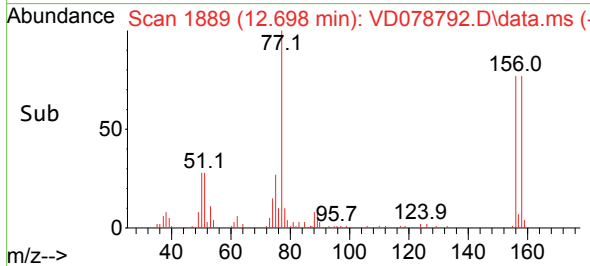


#77
Bromobenzene
Concen: 21.613 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

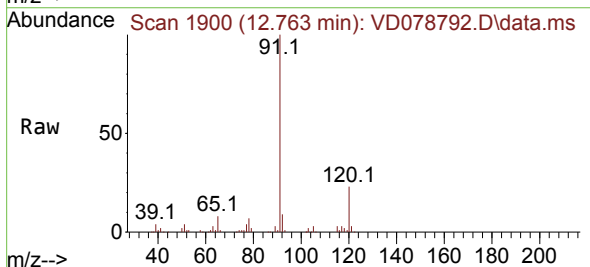
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01



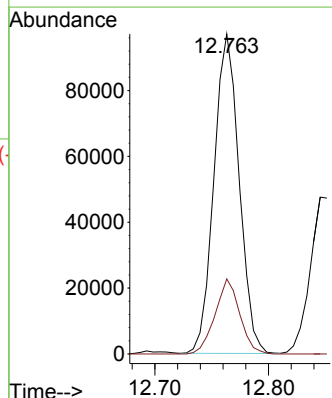
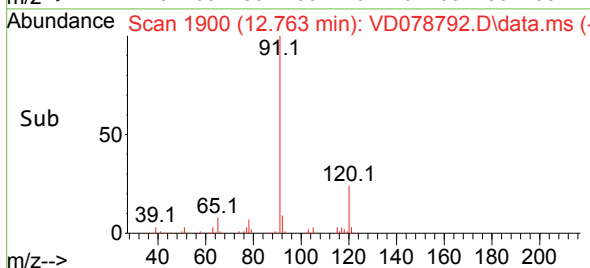
Tgt Ion:156 Resp: 30742
Ion Ratio Lower Upper
156 100
77 159.1 79.1 237.3
158 95.7 47.0 141.0

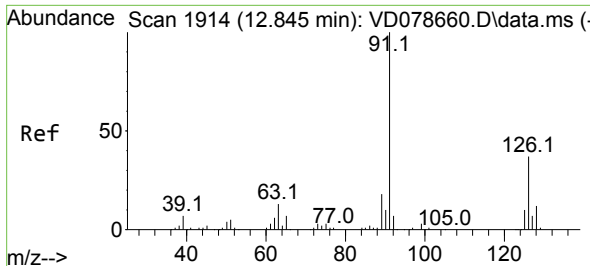


#78
n-propylbenzene
Concen: 21.405 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14



Tgt Ion: 91 Resp: 149437
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.1

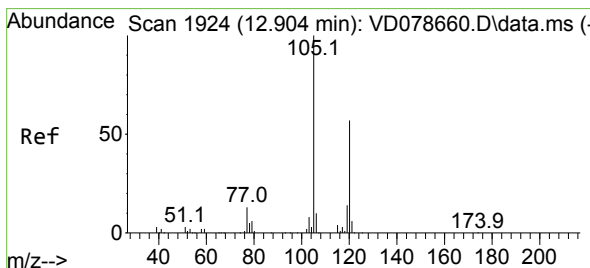
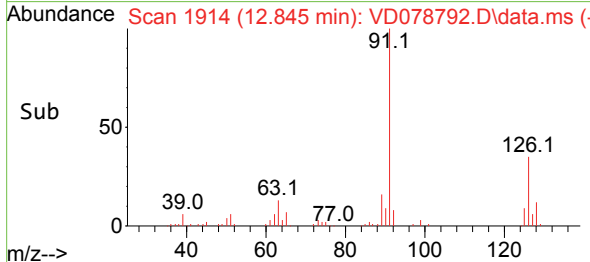
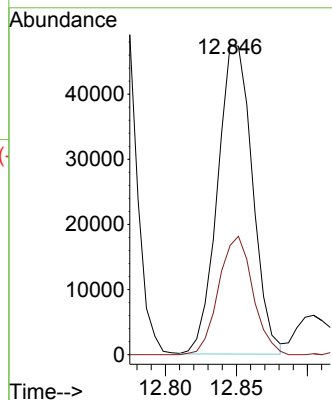
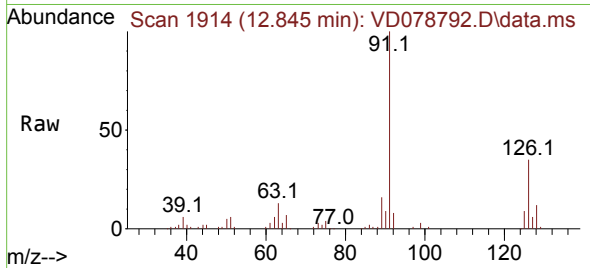




#79
2-Chlorotoluene
Concen: 21.197 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

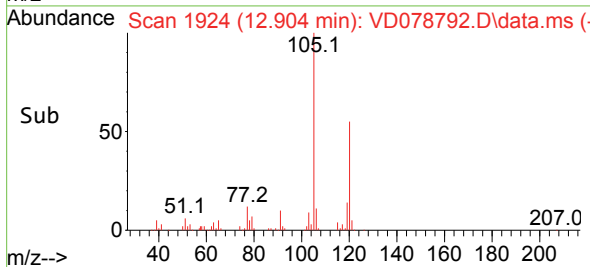
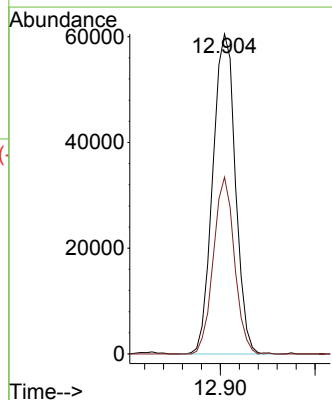
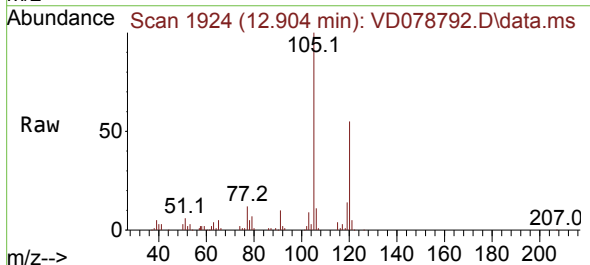
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

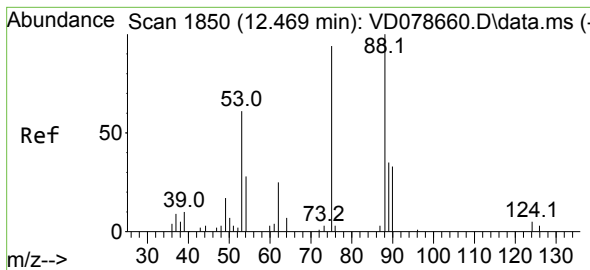
Tgt Ion: 91 Resp: 81182
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.100 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 105 Resp: 100078
Ion Ratio Lower Upper
105 100
120 51.6 25.9 77.7

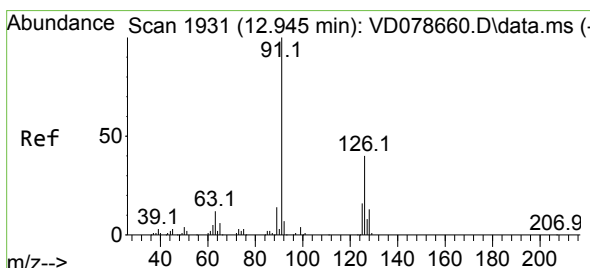
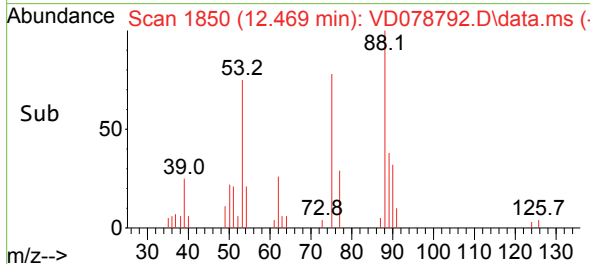
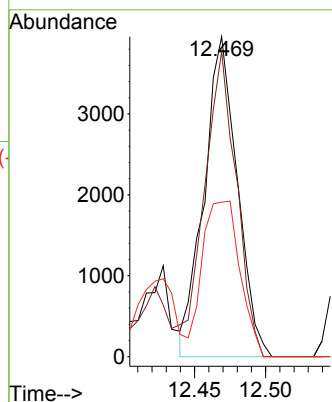
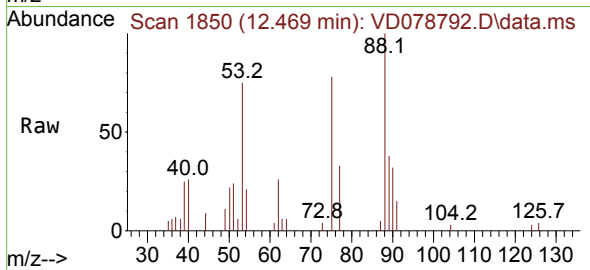




#81
trans-1,4-Dichloro-2-butene
Concen: 20.060 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

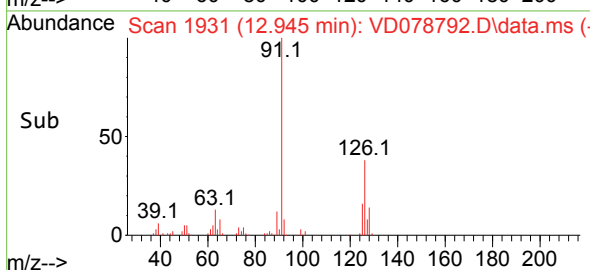
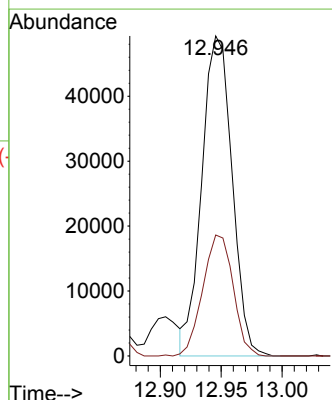
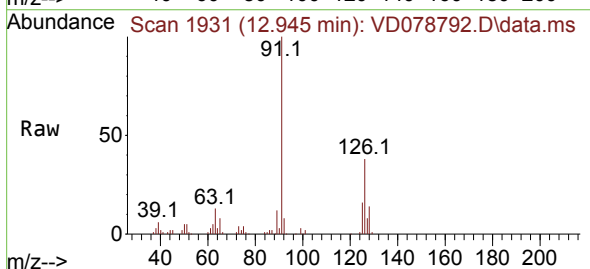
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

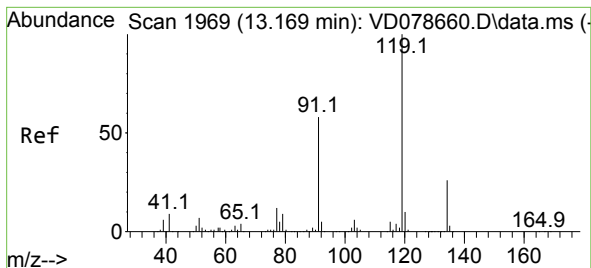
Tgt Ion: 75 Resp: 6423
Ion Ratio Lower Upper
75 100
53 93.4 61.0 91.6#
89 54.7 35.4 53.0#



#82
4-Chlorotoluene
Concen: 21.075 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 91 Resp: 85373
Ion Ratio Lower Upper
91 100
126 37.9 18.9 56.5

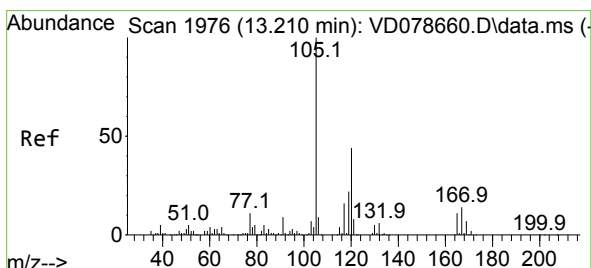
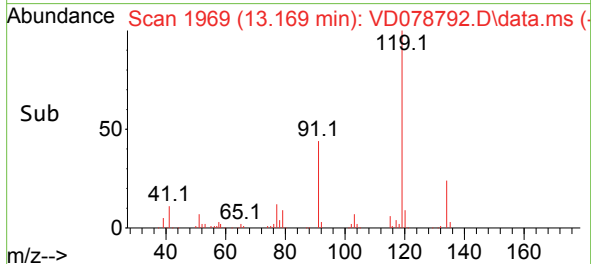
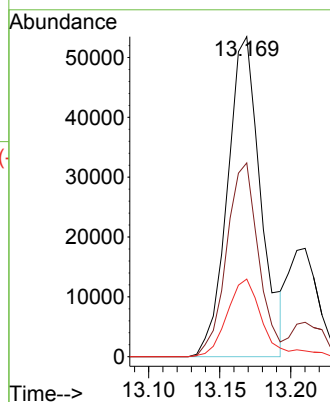
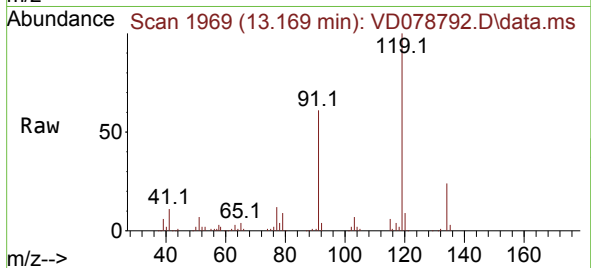




#83
tert-Butylbenzene
Concen: 21.297 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

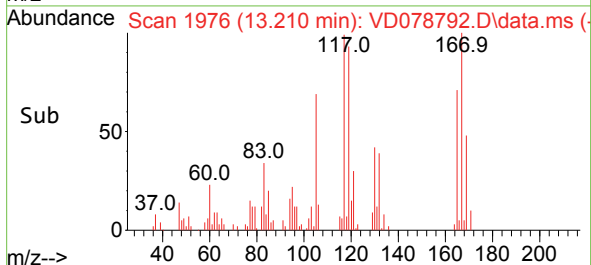
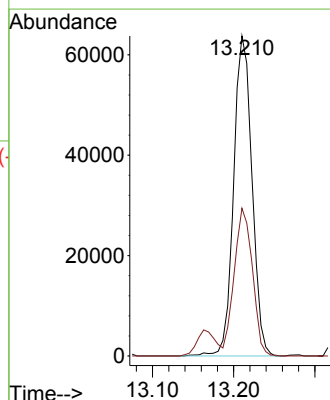
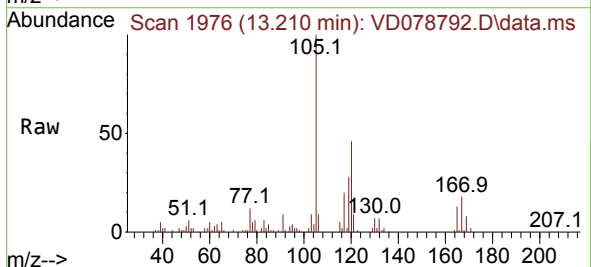
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

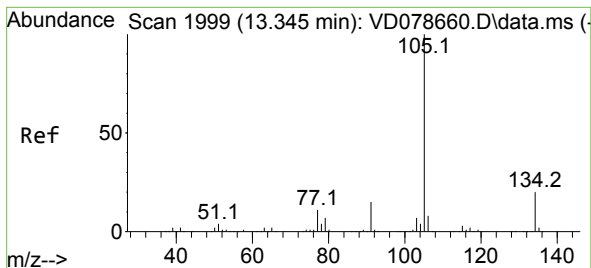
Tgt Ion:119 Resp: 87099
Ion Ratio Lower Upper
119 100
91 58.3 28.9 86.7
134 26.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.911 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:105 Resp: 99949
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 22.368 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

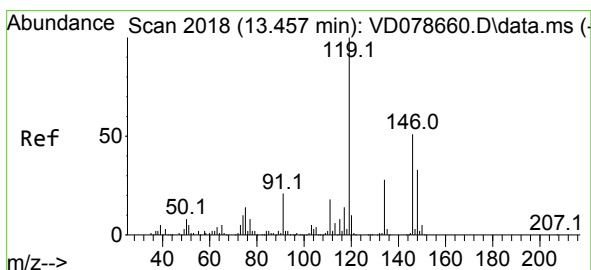
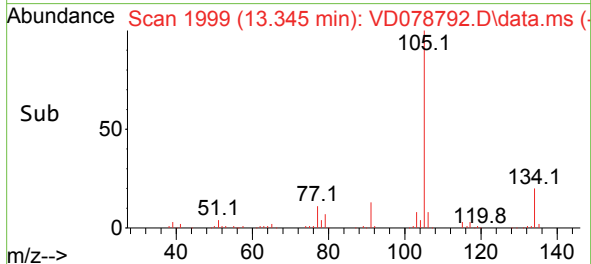
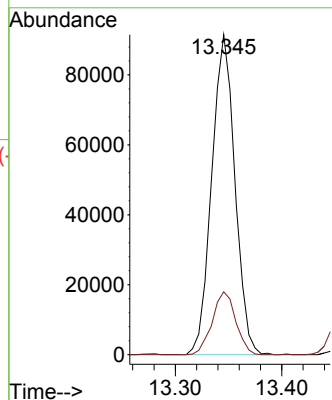
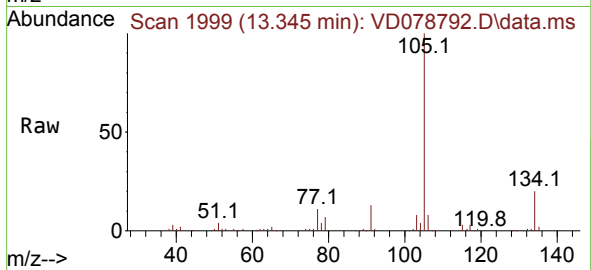
VD0329SBSD01

Tgt Ion:105 Resp: 138436

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.886 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

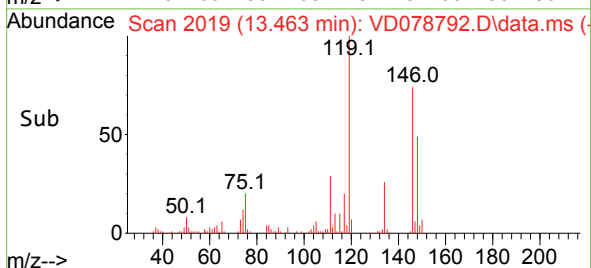
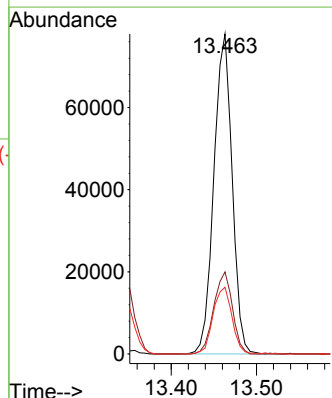
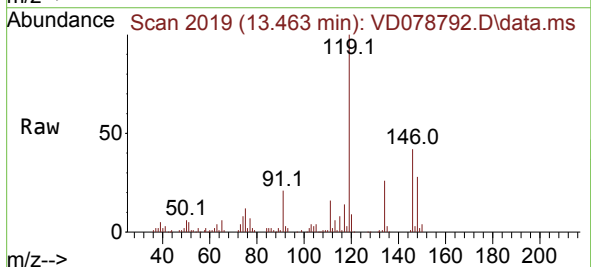
Tgt Ion:119 Resp: 115958

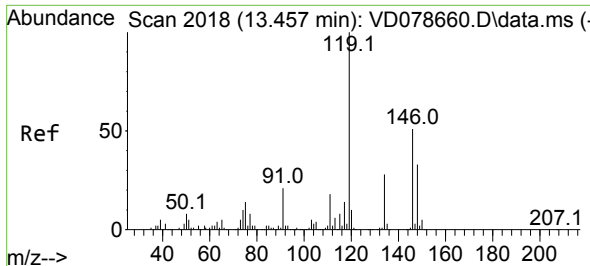
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

91 21.6 10.4 31.2

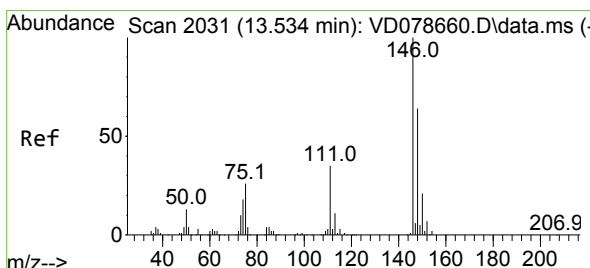
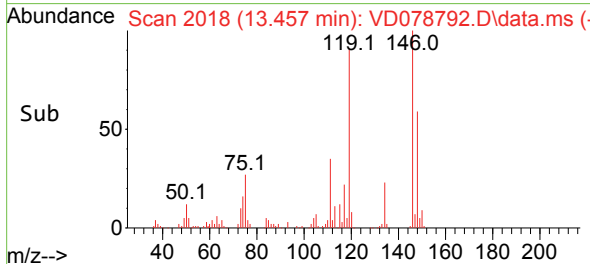
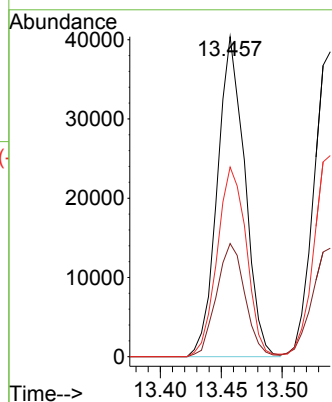
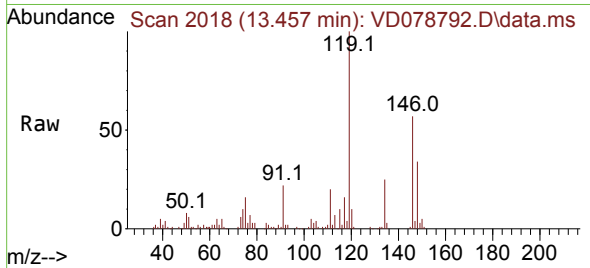




#87
1,3-Dichlorobenzene
Concen: 21.105 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

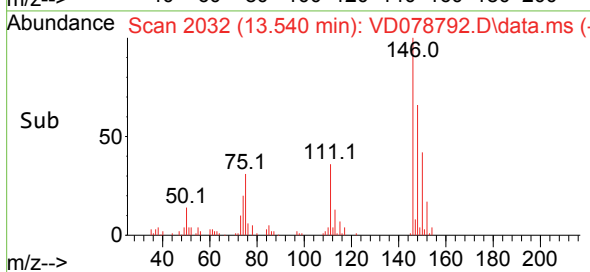
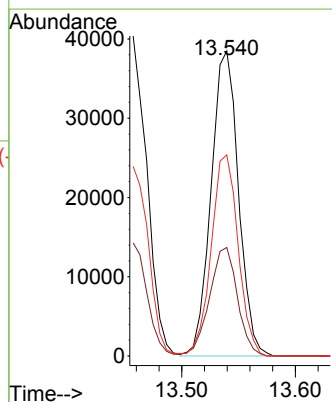
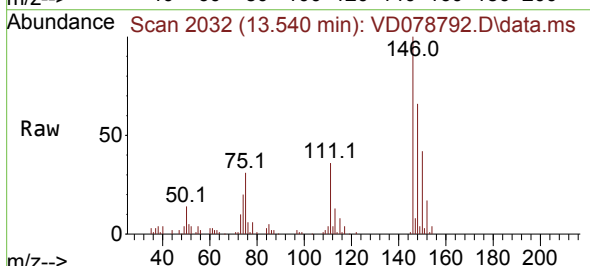
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

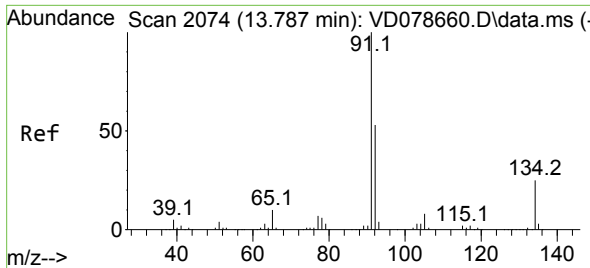
Tgt Ion:146 Resp: 63350
Ion Ratio Lower Upper
146 100
111 36.8 18.2 54.6
148 63.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 21.785 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:146 Resp: 64443
Ion Ratio Lower Upper
146 100
111 36.3 17.8 53.3
148 64.7 32.4 97.0

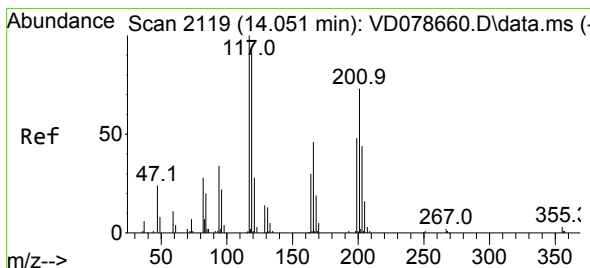
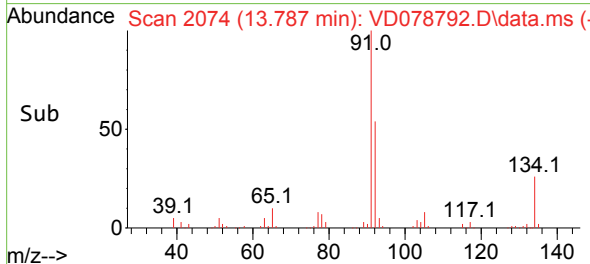
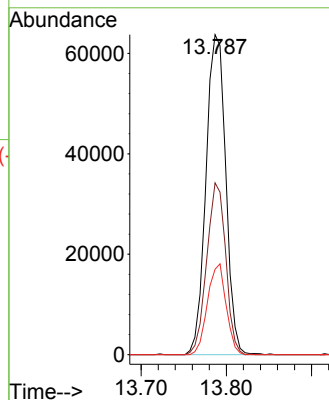
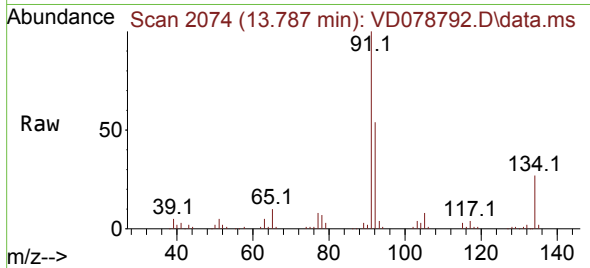




#89
n-Butylbenzene
Concen: 21.490 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

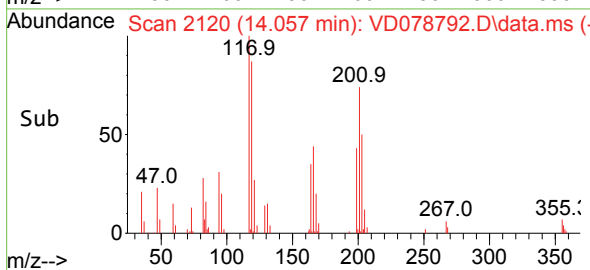
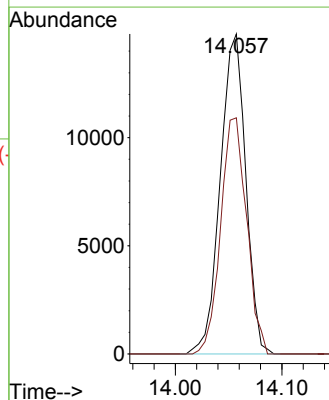
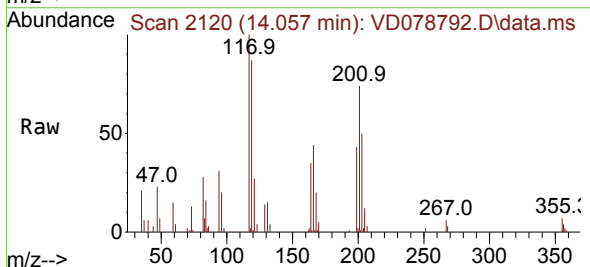
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

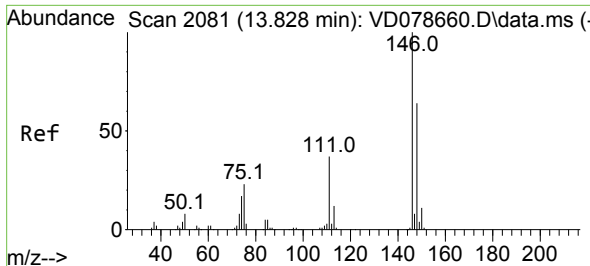
Tgt Ion: 91 Resp: 102826
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 22.386 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 117 Resp: 24542
Ion Ratio Lower Upper
117 100
201 75.3 36.2 108.6

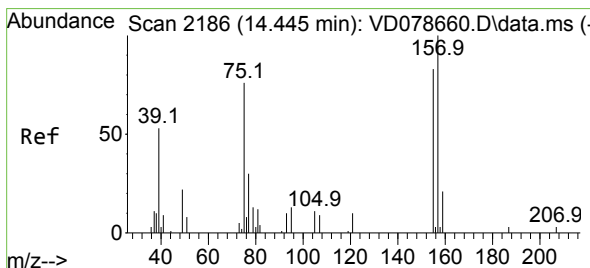
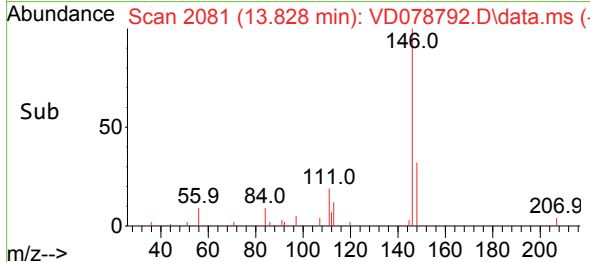
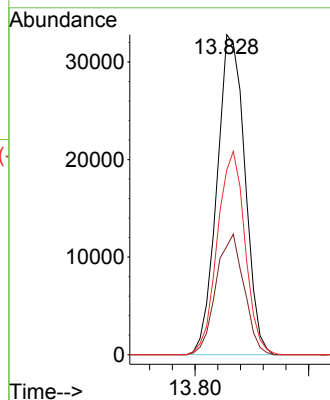
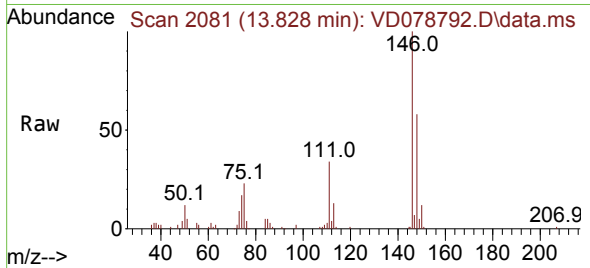




#91
1,2-Dichlorobenzene
Concen: 21.674 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

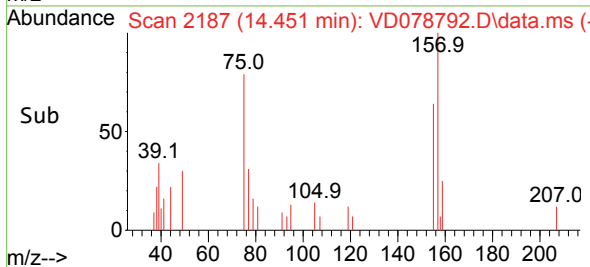
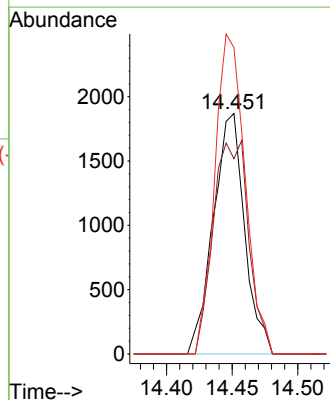
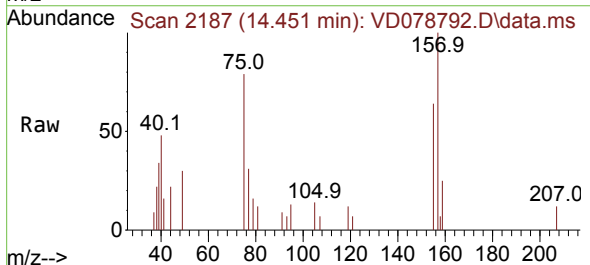
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBSD01

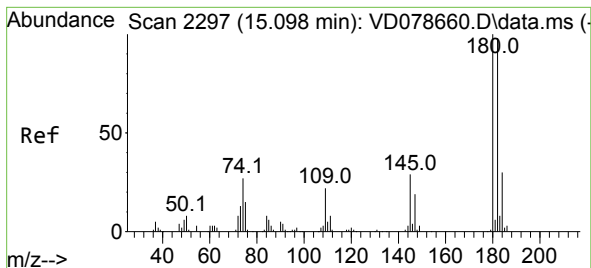
Tgt Ion:146 Resp: 56031
Ion Ratio Lower Upper
146 100
111 37.8 18.6 56.0
148 62.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.811 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion: 75 Resp: 3098
Ion Ratio Lower Upper
75 100
155 100.2 49.8 149.3
157 128.8 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 21.330 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBS01

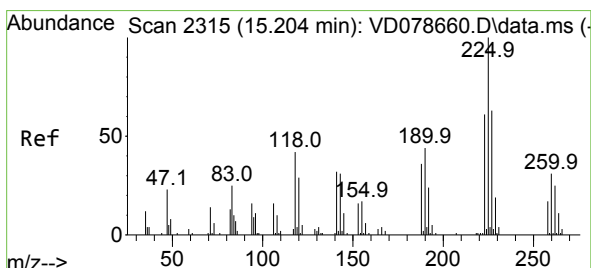
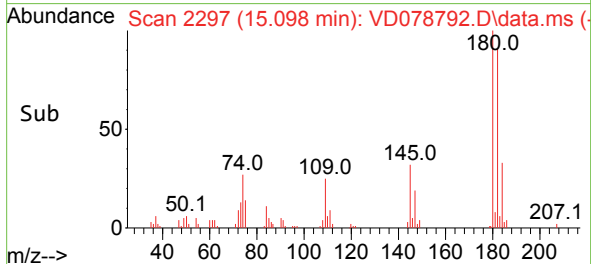
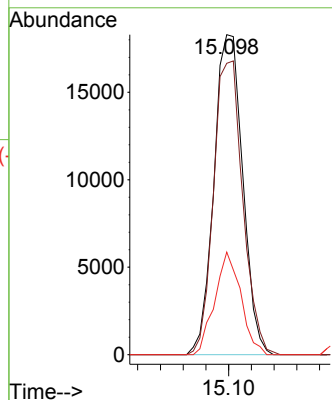
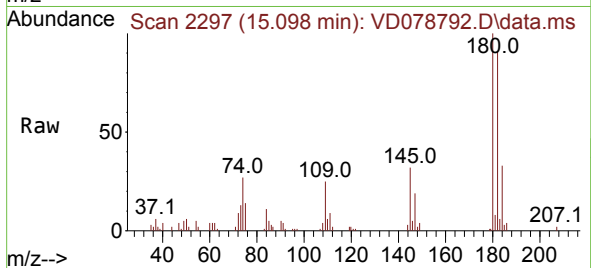
Tgt Ion:180 Resp: 32182

Ion Ratio Lower Upper

180 100

182 93.3 49.7 149.1

145 29.1 14.6 44.0



#94

Hexachlorobutadiene

Concen: 22.137 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078792.D

Acq: 29 Mar 2024 14:14

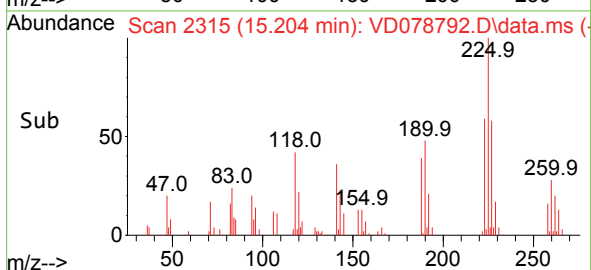
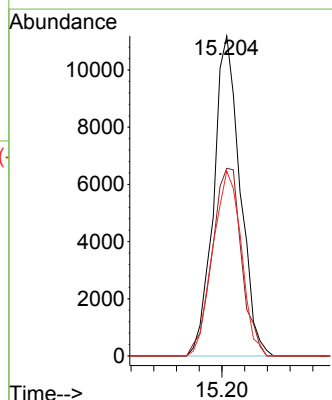
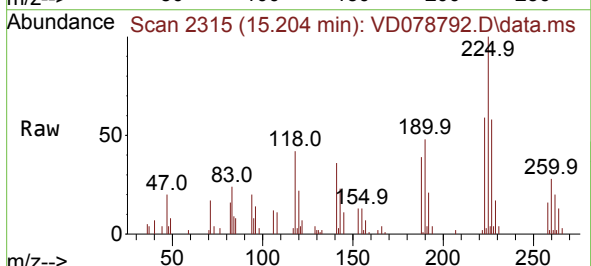
Tgt Ion:225 Resp: 18082

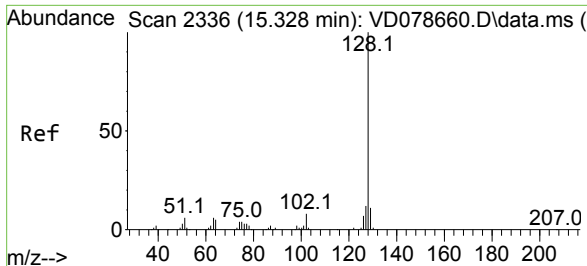
Ion Ratio Lower Upper

225 100

223 65.0 31.9 95.7

227 62.5 32.0 96.0

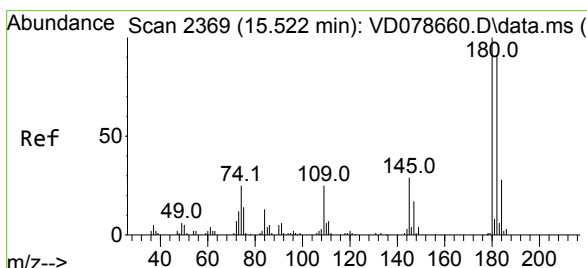
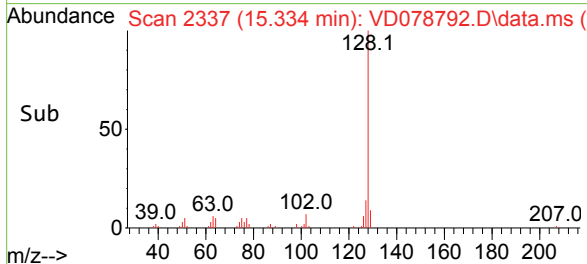
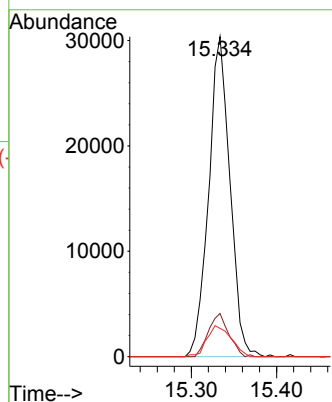
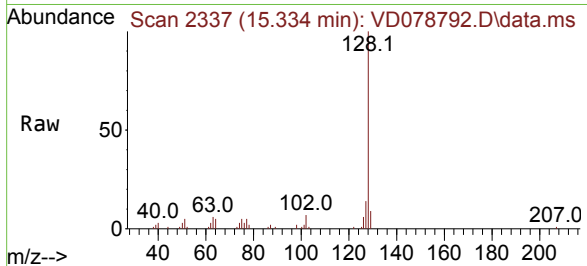




#95
Naphthalene
Concen: 20.098 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0329SBS01

Tgt Ion:128 Resp: 52721
Ion Ratio Lower Upper
128 100
127 13.5 9.3 13.9
129 8.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 21.522 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078792.D
Acq: 29 Mar 2024 14:14

Tgt Ion:180 Resp: 28092
Ion Ratio Lower Upper
180 100
182 93.4 46.7 140.1
145 29.9 14.4 43.4

