

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078636.D
 Acq On : 12 Mar 2024 11:45
 Operator : RP/MD
 Sample : VD0312SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

Quant Time: Mar 13 03:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65313	51.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.960%	
35) Dibromofluoromethane	7.804	113	73365	51.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.269	98	278143	50.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.575	95	81432	51.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21293	18.685	ug/l	99
3) Chloromethane	2.152	50	32133	14.474	ug/l	97
4) Vinyl Chloride	2.287	62	48908	15.547	ug/l	100
5) Bromomethane	2.693	94	46963	18.692	ug/l	99
6) Chloroethane	2.840	64	41036	17.600	ug/l	98
7) Trichlorofluoromethane	3.181	101	40235	18.915	ug/l	99
8) Diethyl Ether	3.599	74	11147	18.663	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	25806	19.249	ug/l	96
10) Methyl Iodide	4.163	142	29003	20.674	ug/l	92
11) Tert butyl alcohol	5.052	59	5658	92.322	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	22750	18.178	ug/l	92
13) Acrolein	3.799	56	11032	87.684	ug/l	89
14) Allyl chloride	4.563	41	26259	18.421	ug/l	91
15) Acrylonitrile	5.257	53	24072	97.756	ug/l	97
16) Acetone	4.028	43	24409	100.429	ug/l	87
17) Carbon Disulfide	4.275	76	63663	15.268	ug/l #	90
18) Methyl Acetate	4.569	43	8739	18.996	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	51158	20.104	ug/l	98
20) Methylene Chloride	4.810	84	35779	13.764	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	27102	18.023	ug/l	92
22) Diisopropyl ether	6.216	45	64819	20.281	ug/l	93
23) Vinyl Acetate	6.152	43	189631	99.903	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	45527	18.856	ug/l	95
25) 2-Butanone	7.087	43	32363	105.560	ug/l	89
26) 2,2-Dichloropropane	7.081	77	39881	19.552	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	31568	19.172	ug/l	96
28) Bromochloromethane	7.434	49	21169	23.468	ug/l	90
29) Tetrahydrofuran	7.451	42	16318	95.803	ug/l	92
30) Chloroform	7.599	83	51046	19.580	ug/l	100
31) Cyclohexane	7.881	56	33076	16.658	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	42227	18.881	ug/l	99
36) 1,1-Dichloropropene	8.010	75	35394	17.934	ug/l	96
37) Ethyl Acetate	7.175	43	12091	18.908	ug/l	97
38) Carbon Tetrachloride	7.987	117	37516	18.174	ug/l #	94
39) Methylcyclohexane	9.275	83	38113	16.454	ug/l	97
40) Benzene	8.251	78	108674	18.577	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	3838	11.198	ug/l #	31
42) 1,2-Dichloroethane	8.328	62	30159	20.322	ug/l	98
43) Isopropyl Acetate	8.363	43	22827	18.619	ug/l #	81
44) Trichloroethene	9.028	130	30040	18.713	ug/l	86
45) 1,2-Dichloropropane	9.304	63	27365	19.473	ug/l	97
46) Dibromomethane	9.398	93	15660	19.331	ug/l	98
47) Bromodichloromethane	9.587	83	39710	19.880	ug/l	97
48) Methyl methacrylate	9.381	41	10698	19.263	ug/l	84
49) 1,4-Dioxane	9.387	88	3019	390.682	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	61140	96.619	ug/l	93
52) Toluene	10.334	92	71980	19.176	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35104	18.997	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	42886	19.383	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	22390	19.628	ug/l	92
56) Ethyl methacrylate	10.598	69	21140	18.490	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	35511	19.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	51693	112.817	ug/l	99
59) 2-Hexanone	10.922	43	46550	99.178	ug/l	93
60) Dibromochloromethane	11.075	129	27757	20.152	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21122	20.176	ug/l	97
64) Tetrachloroethene	10.810	164	23567	17.916	ug/l	95
65) Chlorobenzene	11.610	112	79365	19.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29094	18.983	ug/l	97
67) Ethyl Benzene	11.681	91	129711	18.184	ug/l	100
68) m/p-Xylenes	11.792	106	103644	35.914	ug/l	94
69) o-Xylene	12.122	106	48066	18.360	ug/l	96
70) Styrene	12.134	104	84614	18.646	ug/l	98
71) Bromoform	12.298	173	15543	19.063	ug/l #	97
73) Isopropylbenzene	12.422	105	122680	18.125	ug/l	96
74) N-amyl acetate	12.234	43	21829	19.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	24477	18.877	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	27911	34.226	ug/l #	100
77) Bromobenzene	12.704	156	31382	19.171	ug/l	95
78) n-propylbenzene	12.763	91	153534	18.545	ug/l	98
79) 2-Chlorotoluene	12.845	91	84147	18.940	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	104620	18.995	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	7957	20.885	ug/l	97
82) 4-Chlorotoluene	12.945	91	90715	19.159	ug/l	95
83) tert-Butylbenzene	13.163	119	90605	19.105	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	103606	18.404	ug/l	98
85) sec-Butylbenzene	13.345	105	133925	18.102	ug/l	97
86) p-Isopropyltoluene	13.463	119	114684	18.414	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	66368	18.975	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	65728	18.757	ug/l	98
89) n-Butylbenzene	13.786	91	103934	17.857	ug/l	96
90) Hexachloroethane	14.051	117	24422	19.285	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	57641	19.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3293	19.053	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	32555	18.504	ug/l	99
94) Hexachlorobutadiene	15.204	225	17340	17.913	ug/l	94
95) Naphthalene	15.328	128	54061	17.390	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	29587	18.936	ug/l	96

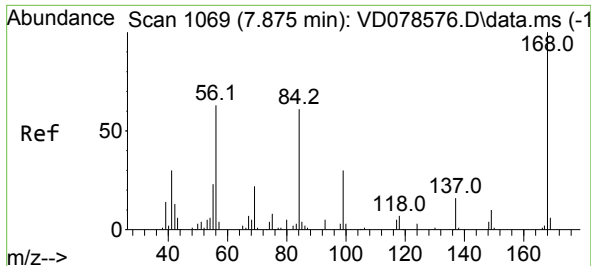
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
Data File : VD078636.D
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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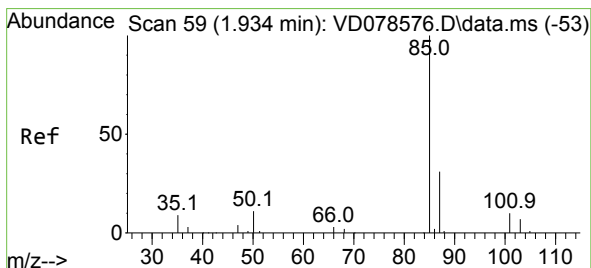
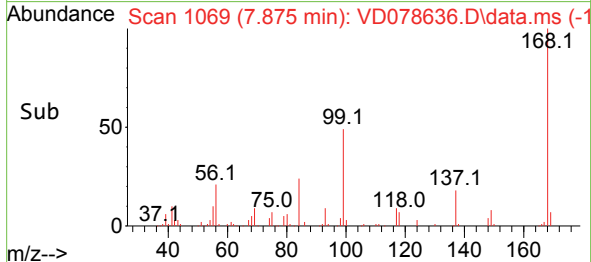
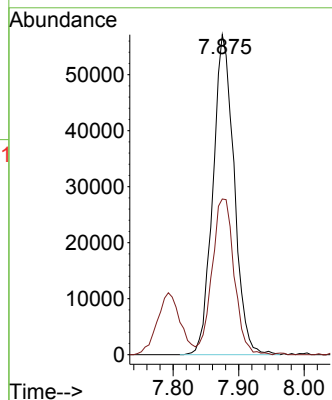
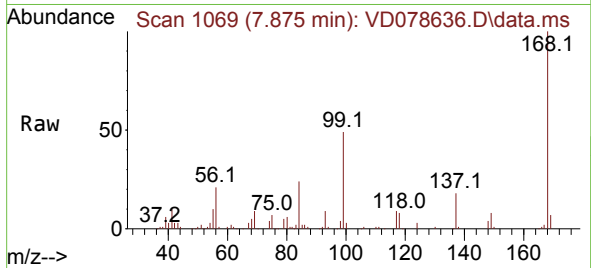
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

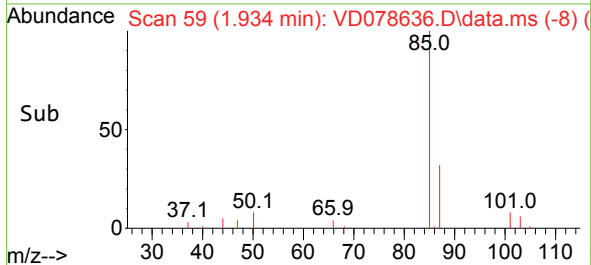
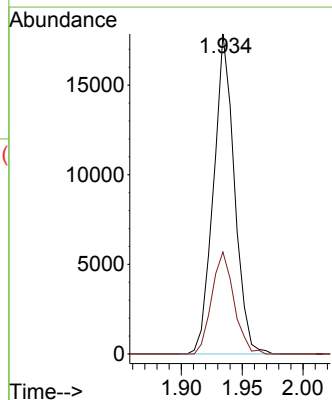
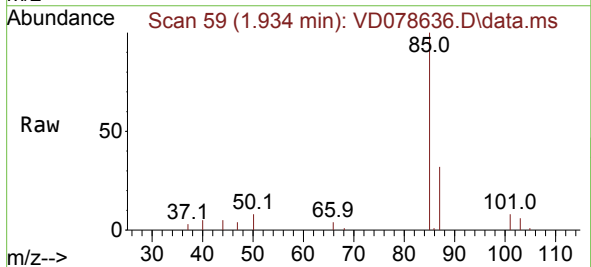
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ClientSampleId :
VD0312SBSD01

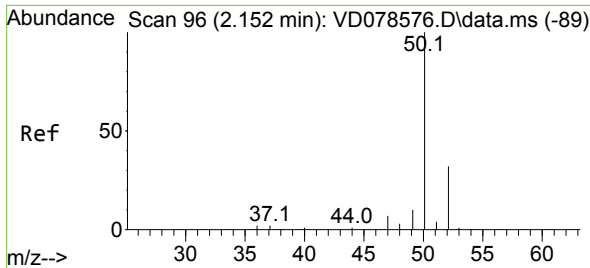
Tgt Ion:168 Resp: 127978
Ion Ratio Lower Upper
168 100
99 48.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.685 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 85 Resp: 21293
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

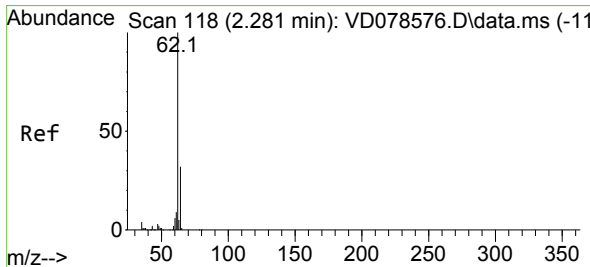
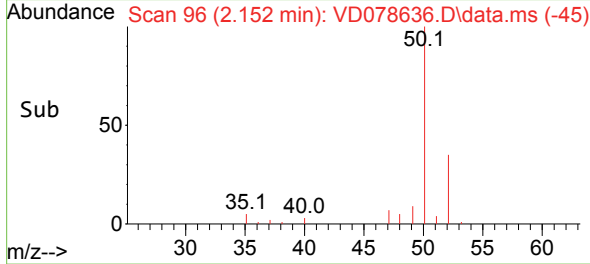
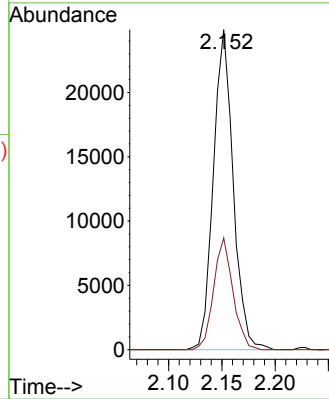
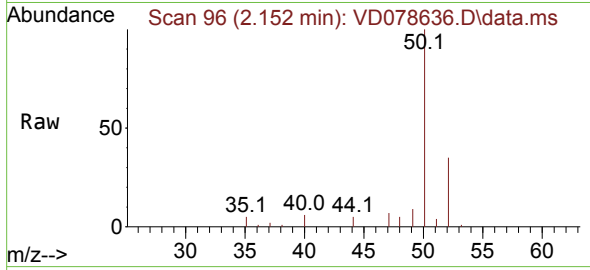




#3
Chloromethane
Concen: 14.474 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

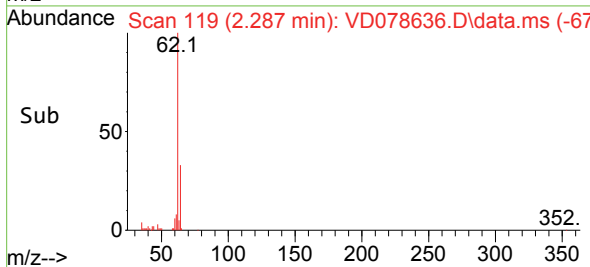
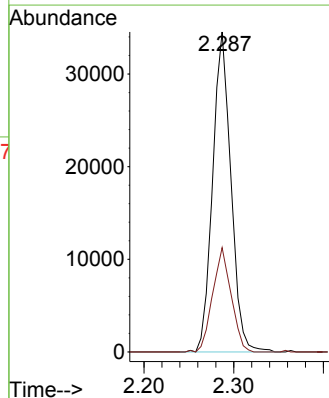
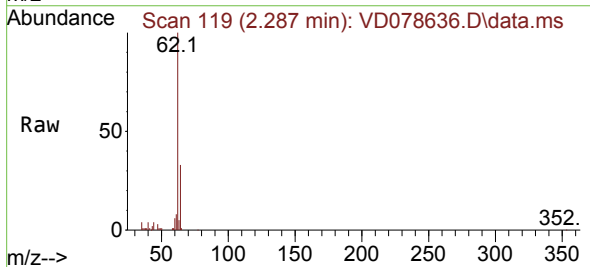
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

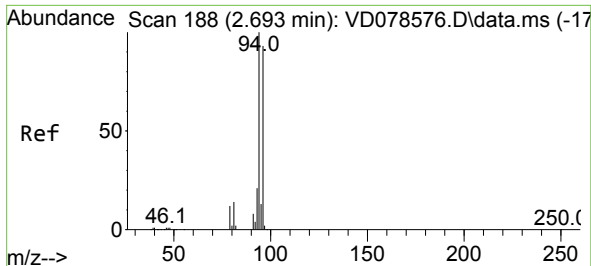
Tgt Ion: 50 Resp: 32133
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 15.547 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 62 Resp: 48908
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

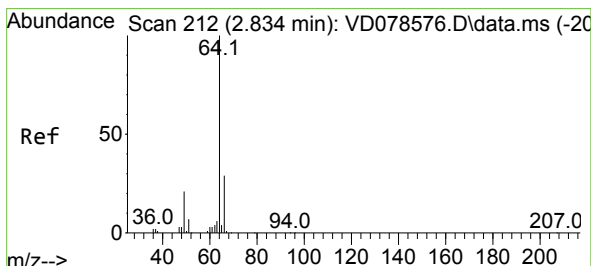
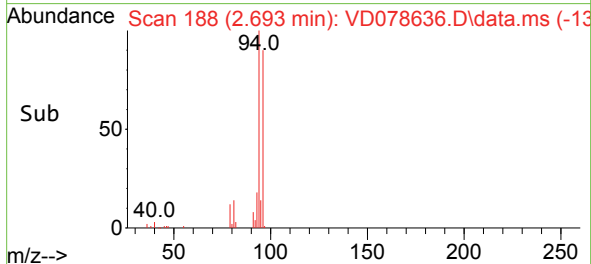
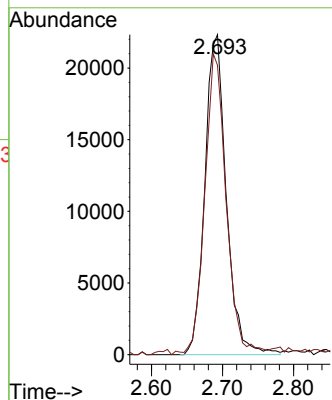
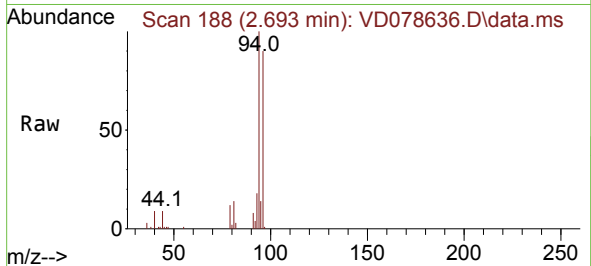




#5
Bromomethane
Concen: 18.692 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

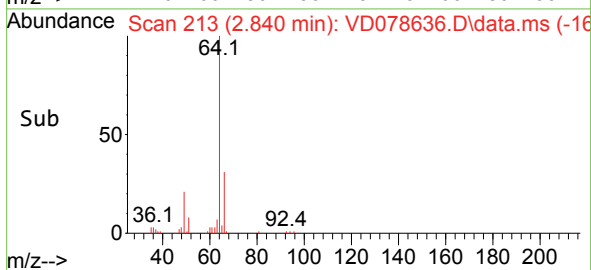
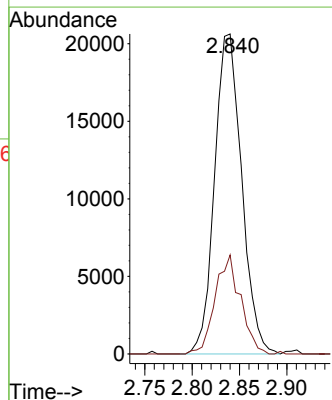
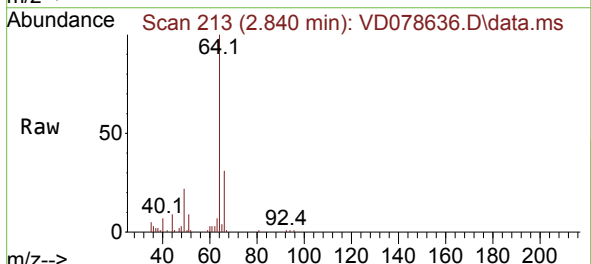
Instrument :
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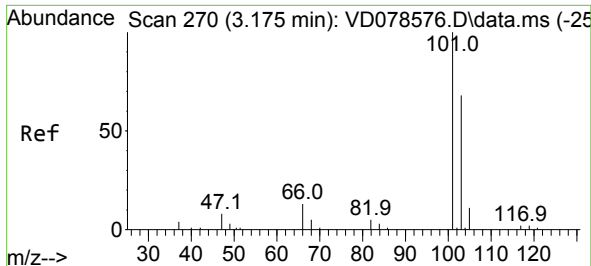
Tgt Ion: 94 Resp: 46963
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 17.600 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 64 Resp: 41036
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

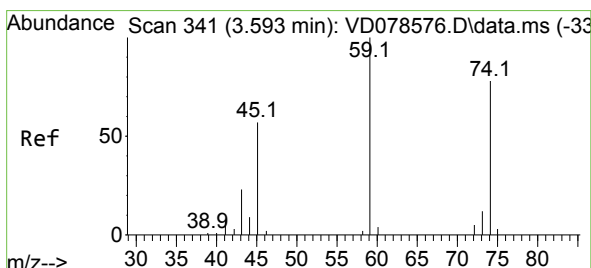
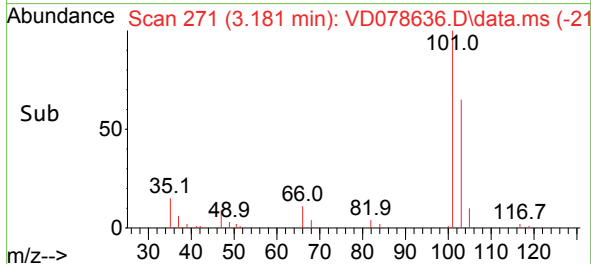
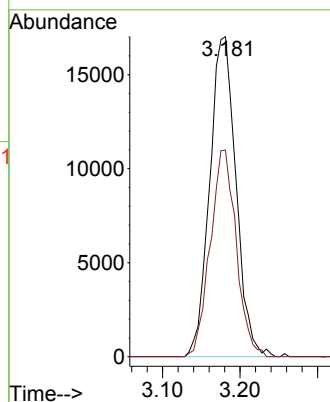
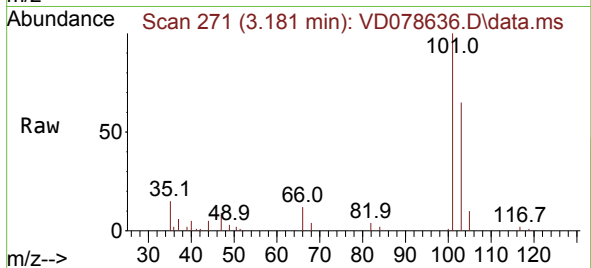




#7
 Trichlorofluoromethane
 Concen: 18.915 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

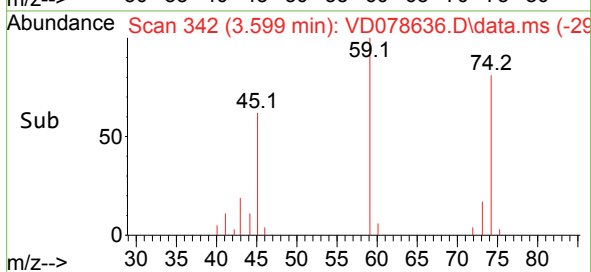
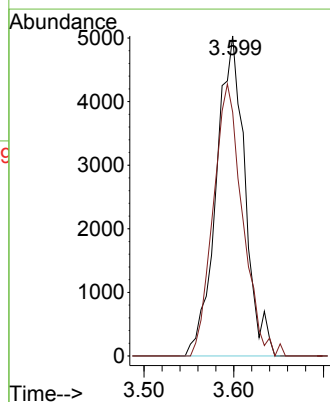
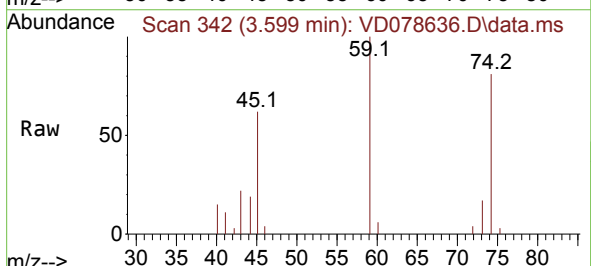
Instrument :
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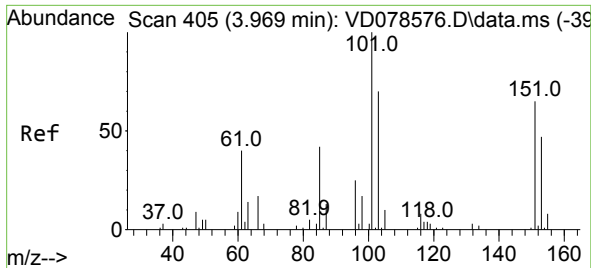
Tgt Ion:101 Resp: 40235
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.663 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion: 74 Resp: 11147
 Ion Ratio Lower Upper
 74 100
 45 86.9 37.5 112.7

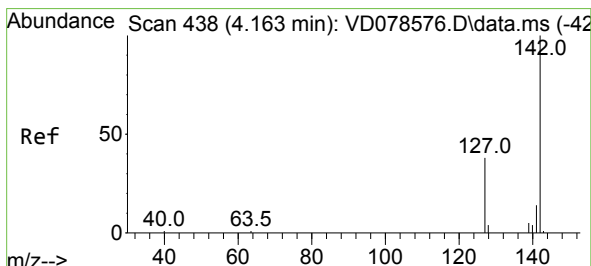
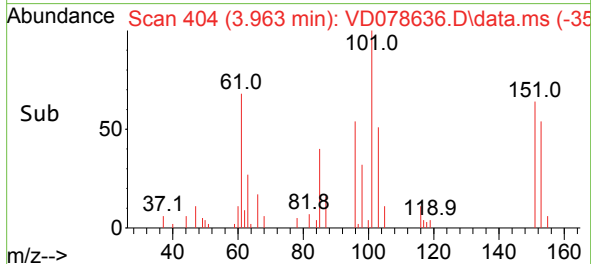
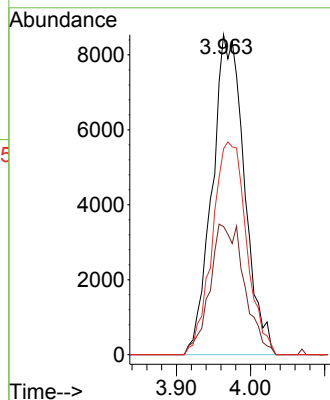
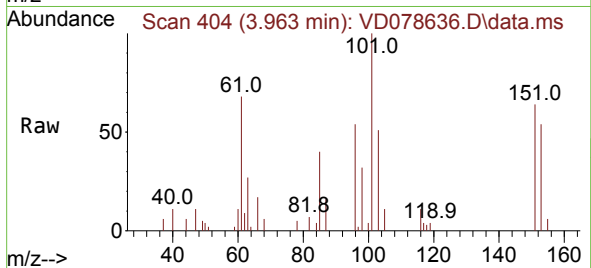




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.249 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

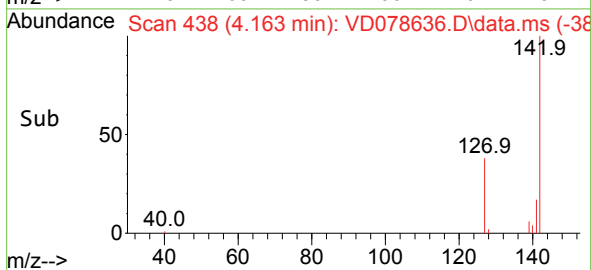
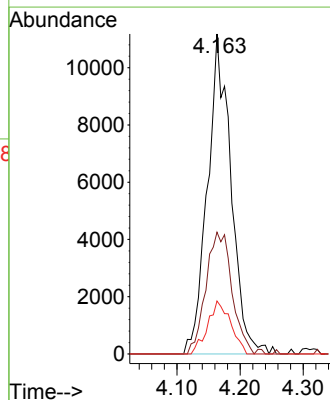
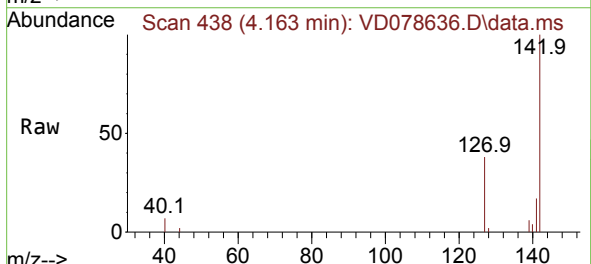
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

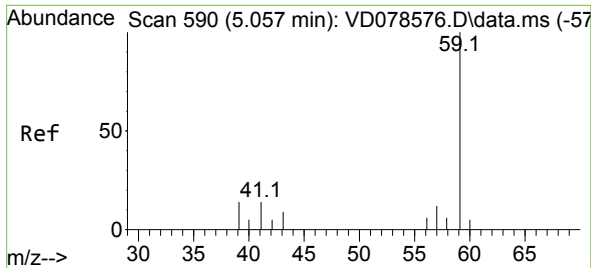
Tgt Ion:101	Resp:	25806
Ion	Ratio	Lower Upper
101	100	
85	43.7	33.8 50.6
151	70.5	59.8 89.6



#10
Methyl Iodide
Concen: 20.674 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:142	Resp:	29003
Ion	Ratio	Lower Upper
142	100	
127	42.0	29.4 44.0
141	16.1	11.1 16.7

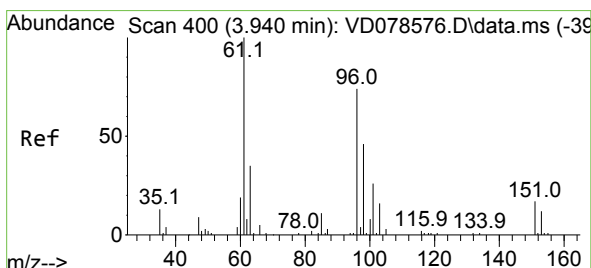
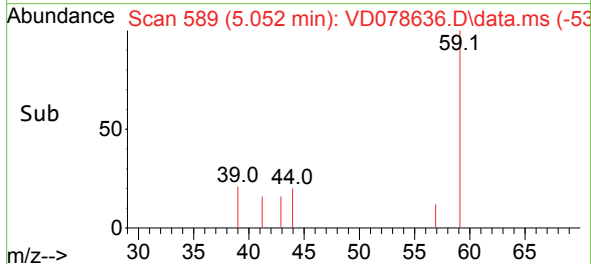
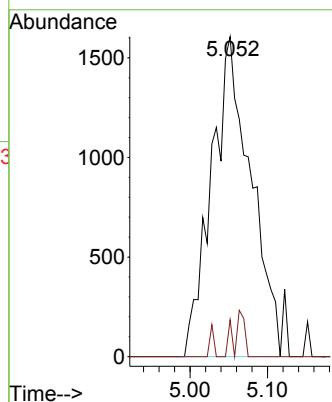
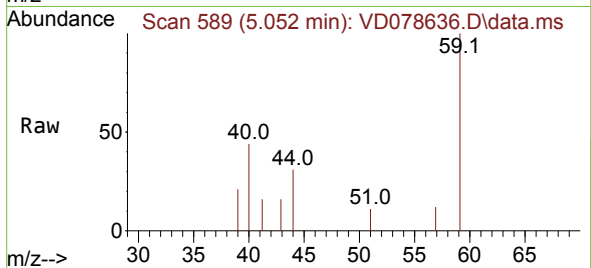




#11
Tert butyl alcohol
Concen: 92.322 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

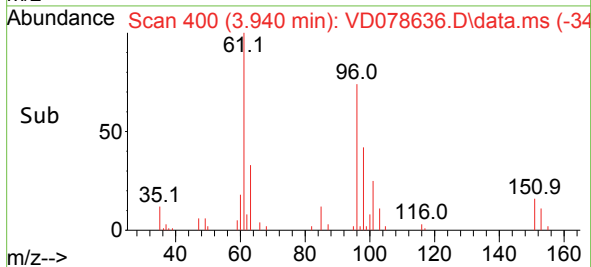
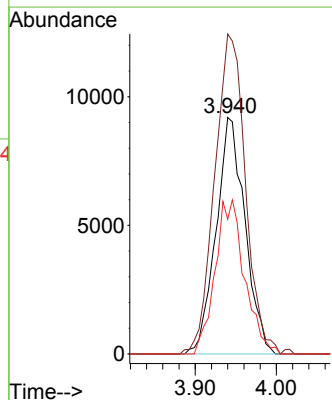
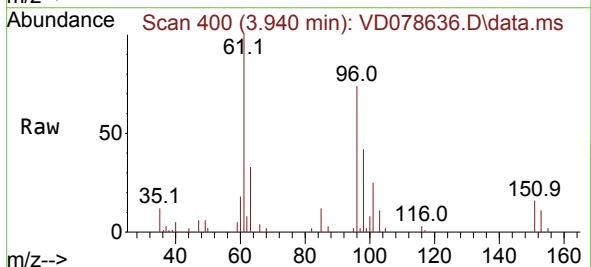
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

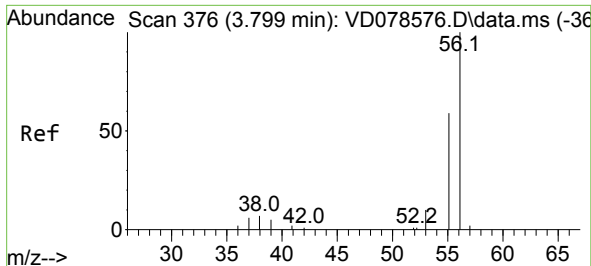
Tgt Ion: 59 Resp: 5658
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.178 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 96 Resp: 22750
Ion Ratio Lower Upper
96 100
61 135.3 100.6 150.8
98 56.9 50.2 75.2





#13

Acrolein

Concen: 87.684 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

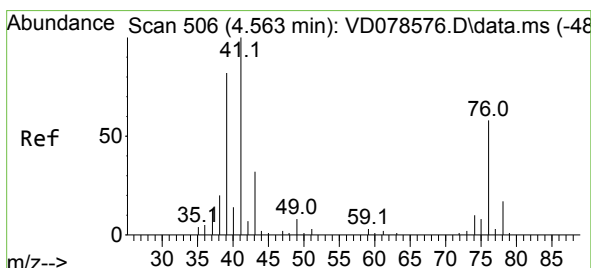
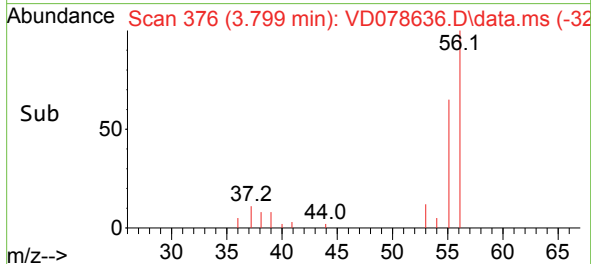
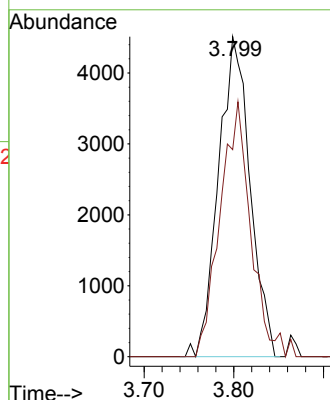
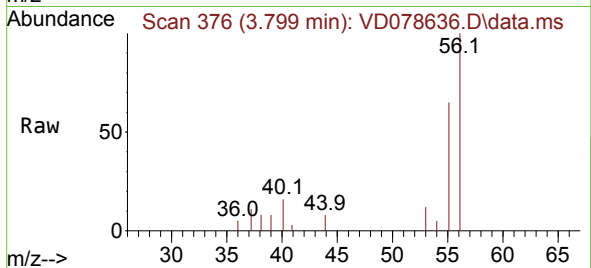
VD0312SBSD01

Tgt Ion: 56 Resp: 11032

Ion Ratio Lower Upper

56 100

55 77.7 55.1 82.7



#14

Allyl chloride

Concen: 18.421 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

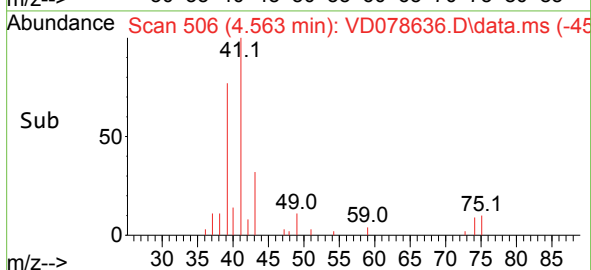
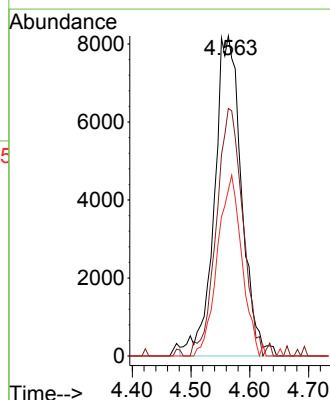
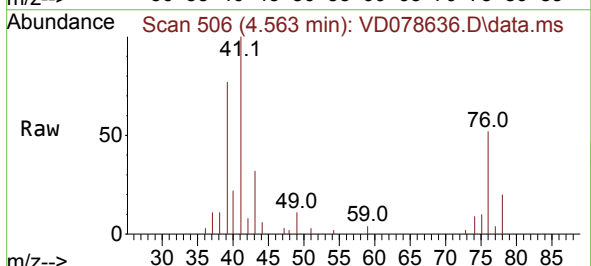
Tgt Ion: 41 Resp: 26259

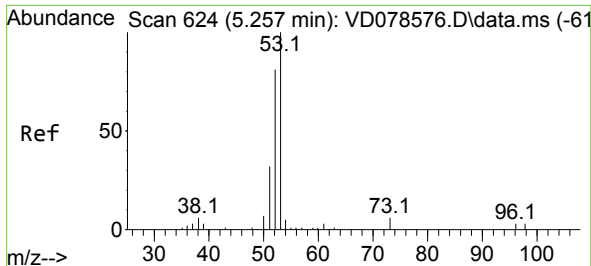
Ion Ratio Lower Upper

41 100

39 75.3 53.8 80.6

76 50.9 45.8 68.8

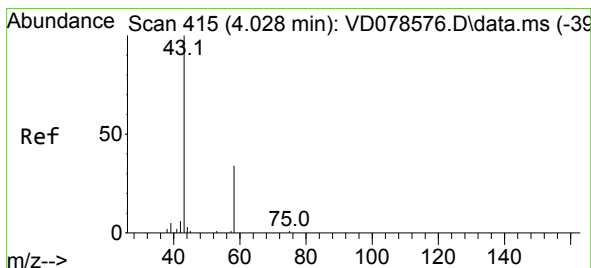
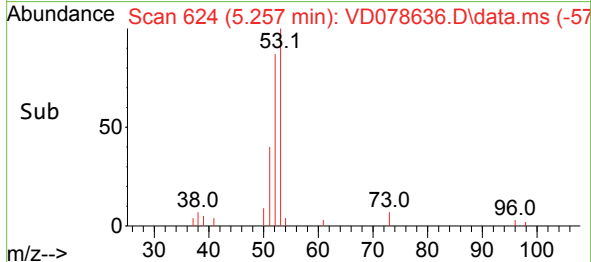
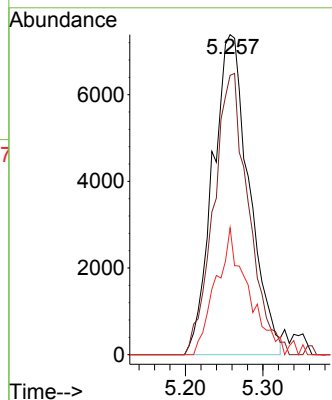
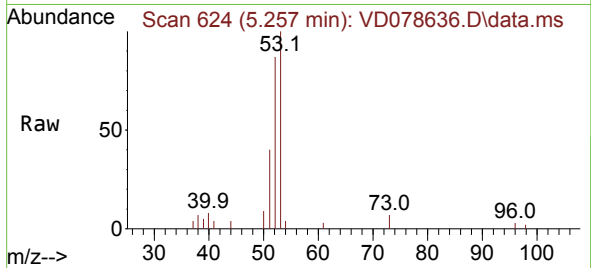




#15
Acrylonitrile
Concen: 97.756 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

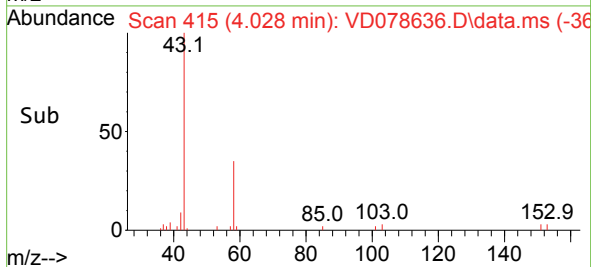
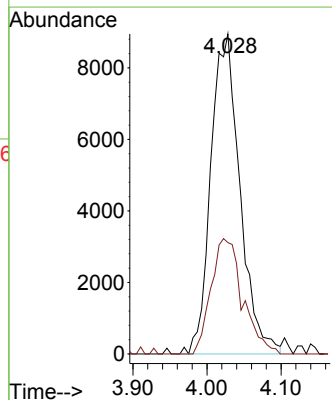
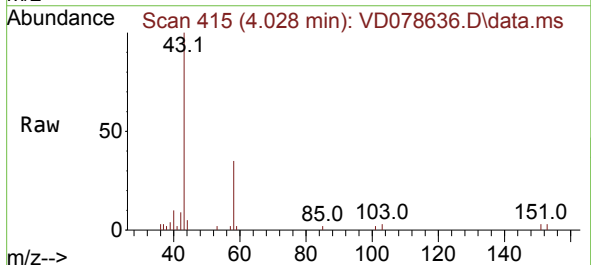
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

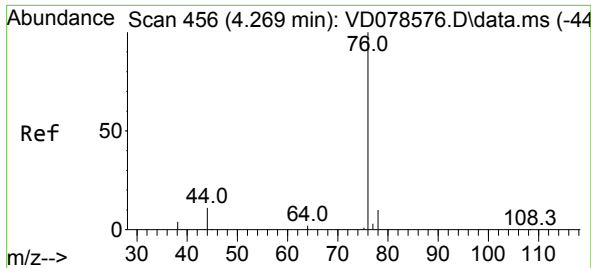
Tgt Ion:	53	Resp:	24072
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.0	97.4
51	35.4	28.3	42.5



#16
Acetone
Concen: 100.429 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:	43	Resp:	24409
Ion	Ratio	Lower	Upper
43	100		
58	34.8	34.7	52.1

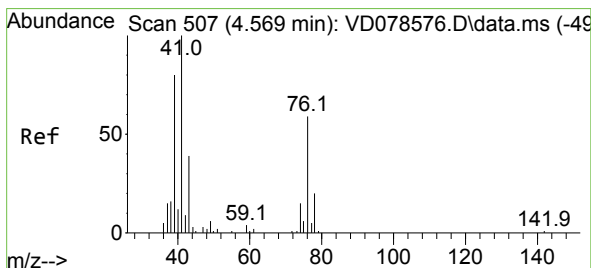
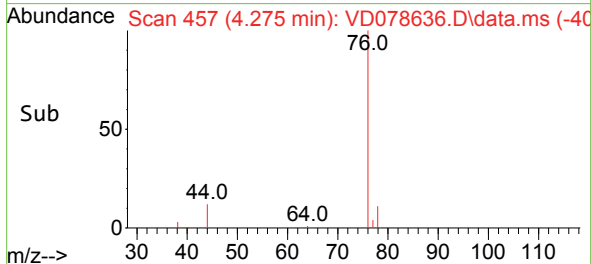
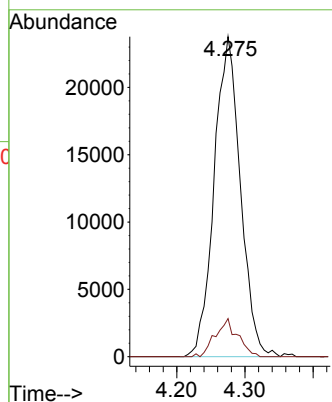
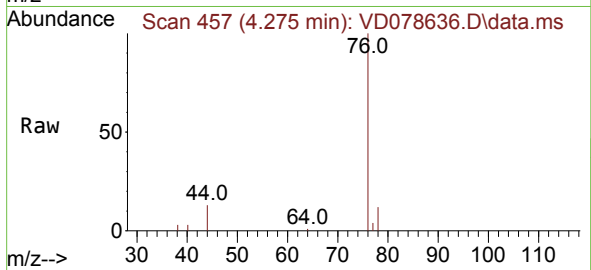




#17
Carbon Disulfide
Concen: 15.268 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

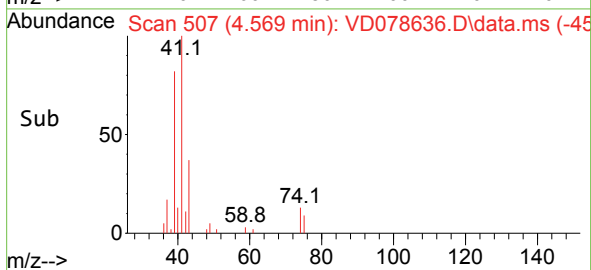
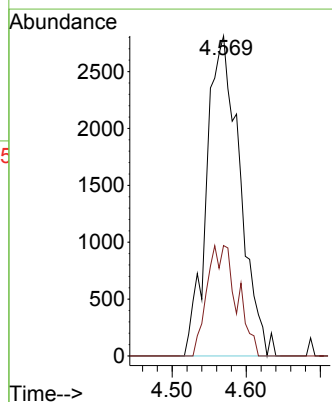
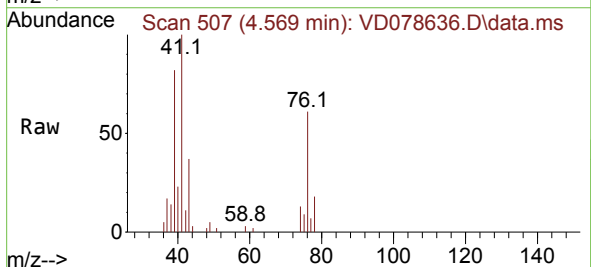
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

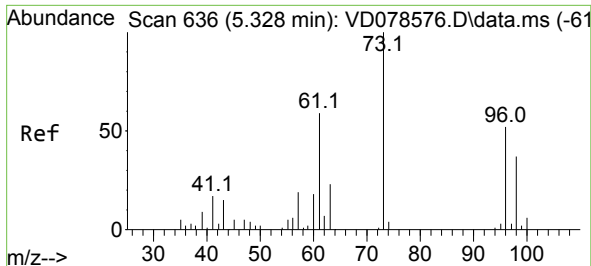
Tgt Ion: 76 Resp: 63663
Ion Ratio Lower Upper
76 100
78 11.9 6.8 10.2#



#18
Methyl Acetate
Concen: 18.996 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 43 Resp: 8739
Ion Ratio Lower Upper
43 100
74 14.3 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.104 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

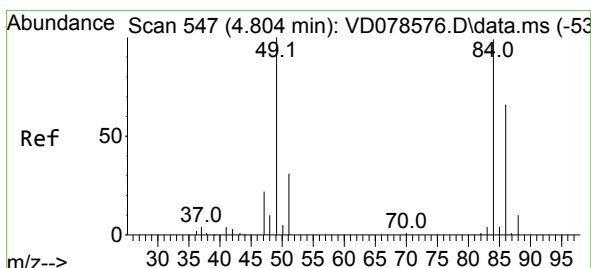
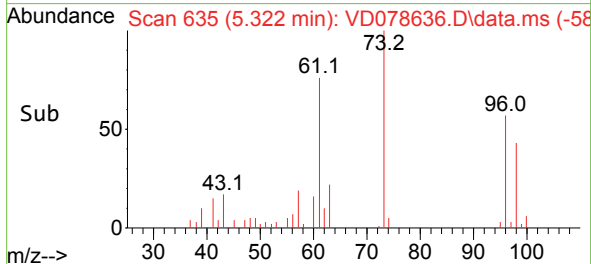
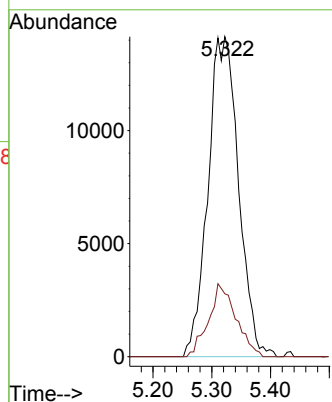
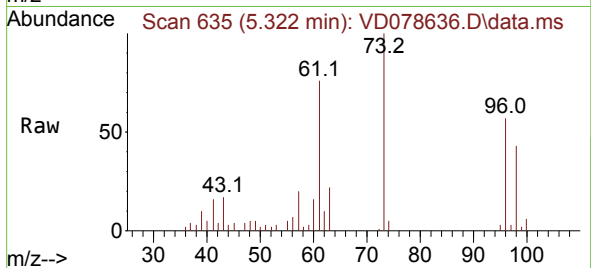
VD0312SBSD01

Tgt Ion: 73 Resp: 51158

Ion Ratio Lower Upper

73 100

57 19.6 16.6 25.0



#20

Methylene Chloride

Concen: 13.764 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Tgt Ion: 84 Resp: 35779

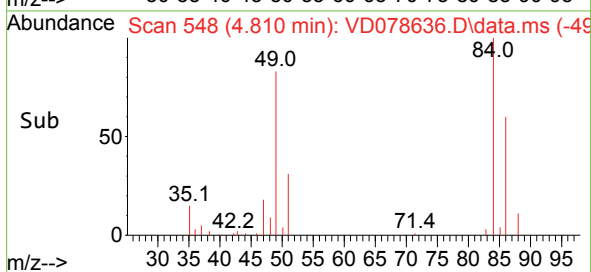
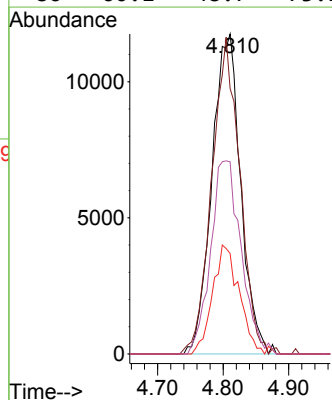
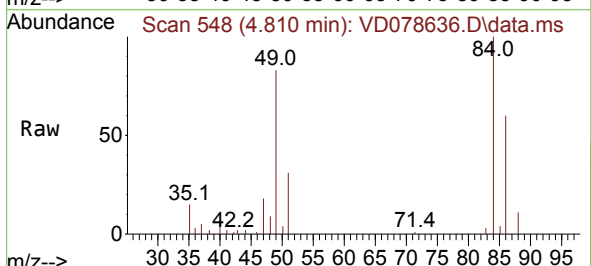
Ion Ratio Lower Upper

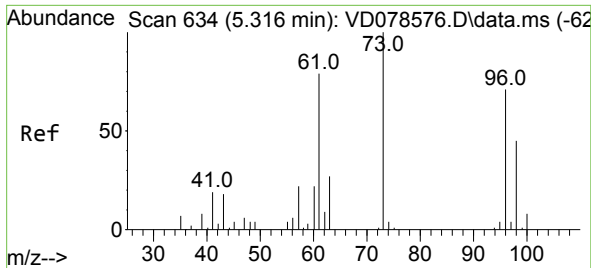
84 100

49 82.9 71.4 107.2

51 31.4 24.5 36.7

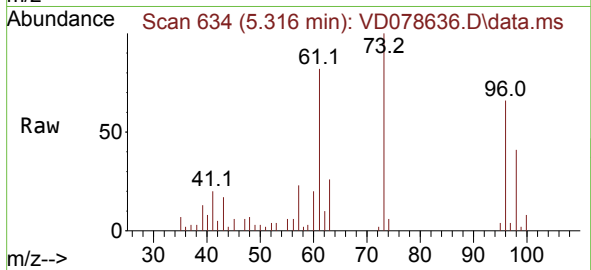
86 60.1 48.7 73.1



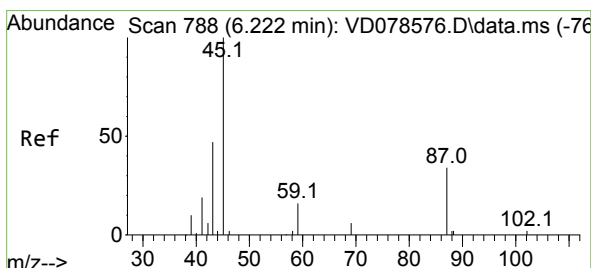
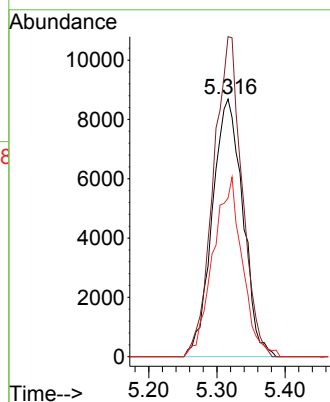
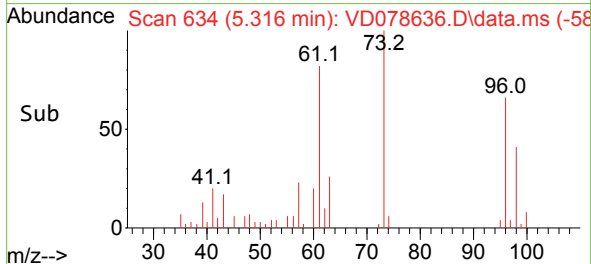


#21
trans-1,2-Dichloroethene
Concen: 18.023 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

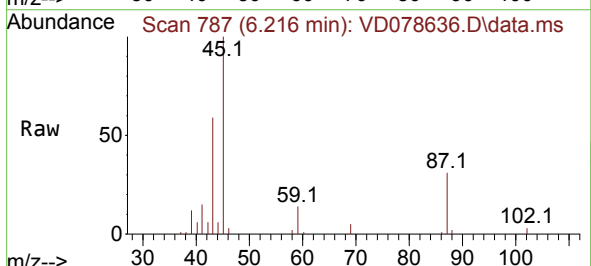
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01



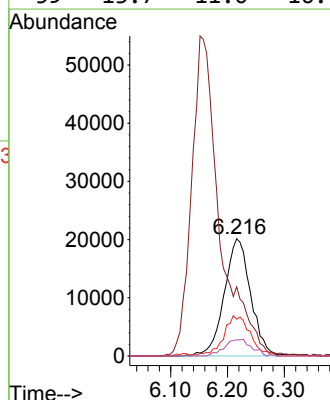
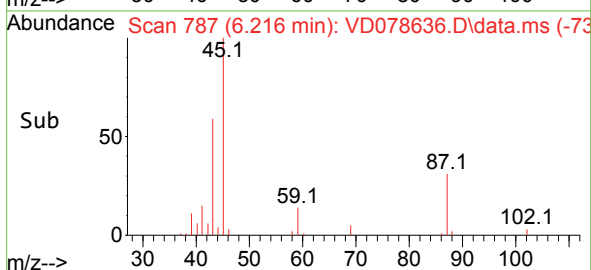
Tgt Ion:	96	Resp:	27102
Ion	Ratio	Lower	Upper
96	100		
61	124.2	89.3	133.9
98	61.6	48.6	73.0

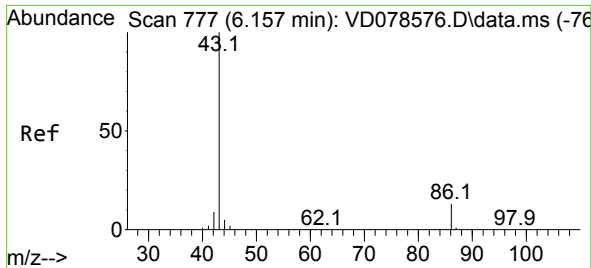


#22
Diisopropyl ether
Concen: 20.281 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45



Tgt Ion:	45	Resp:	64819
Ion	Ratio	Lower	Upper
45	100		
43	56.4	40.0	60.0
87	31.4	28.2	42.4
59	13.7	11.0	16.4

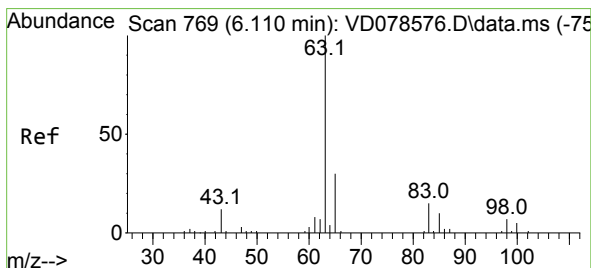
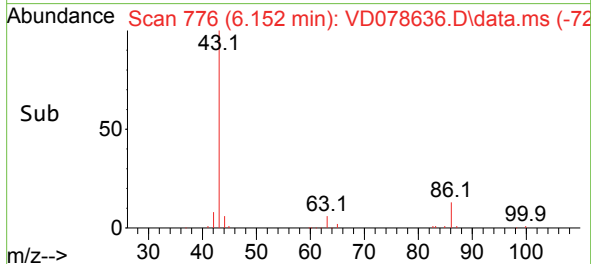
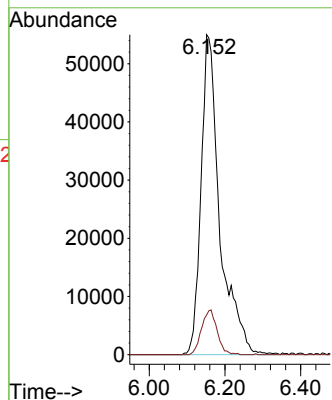
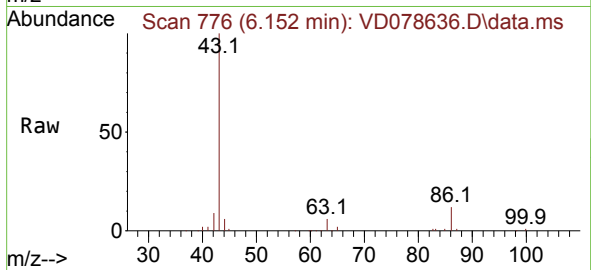




#23
Vinyl Acetate
Concen: 99.903 ug/l
RT: 6.152 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

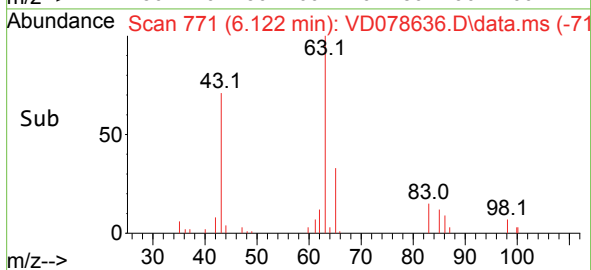
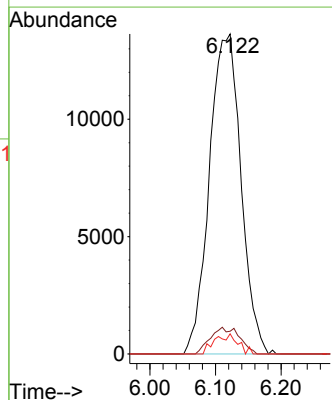
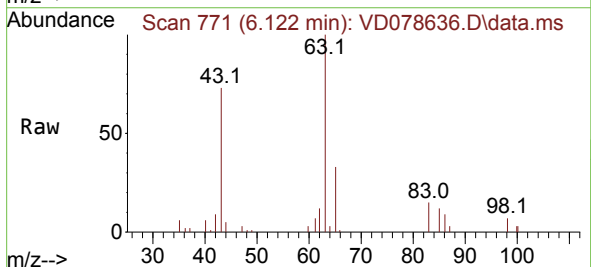
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

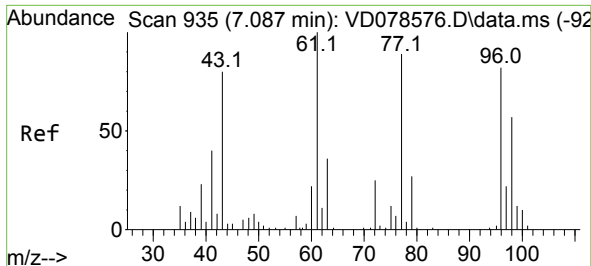
Tgt Ion: 43 Resp: 189631
Ion Ratio Lower Upper
43 100
86 12.4 12.5 18.7#



#24
1,1-Dichloroethane
Concen: 18.856 ug/l
RT: 6.122 min Scan# 771
Delta R.T. 0.012 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 63 Resp: 45527
Ion Ratio Lower Upper
63 100
98 7.1 4.5 13.7
100 6.3 2.5 7.5

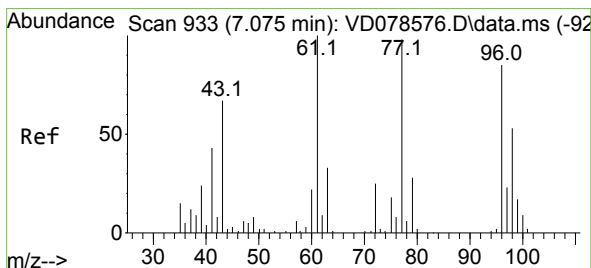
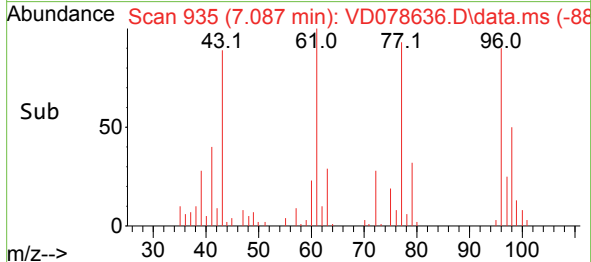
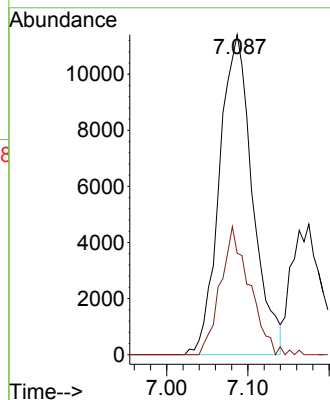
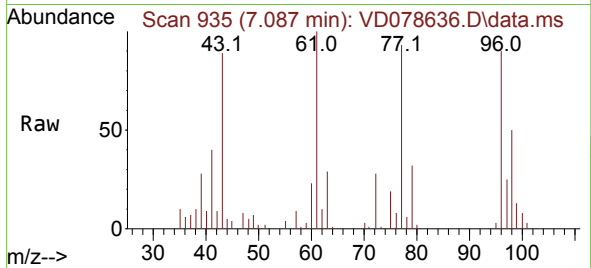




#25
2-Butanone
Concen: 105.560 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

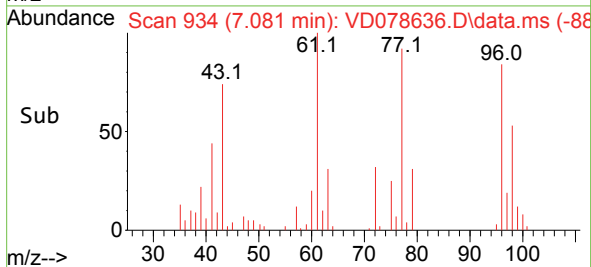
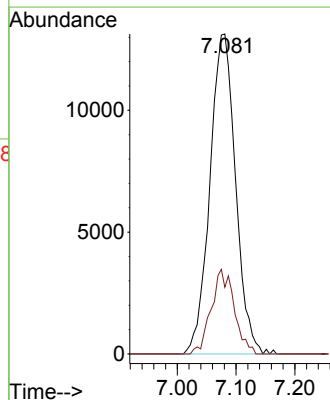
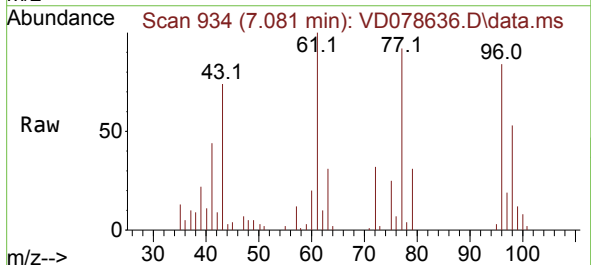
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

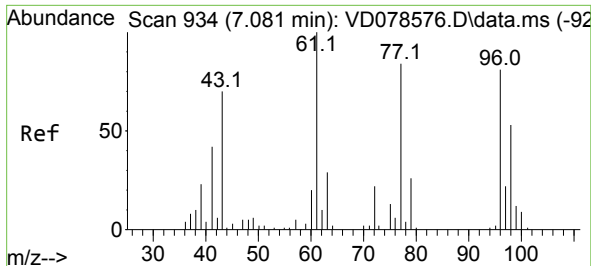
Tgt Ion: 43 Resp: 32363
Ion Ratio Lower Upper
43 100
72 31.7 30.7 46.1



#26
2,2-Dichloropropane
Concen: 19.552 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 77 Resp: 39881
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6

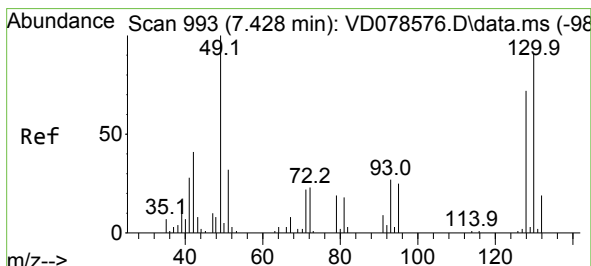
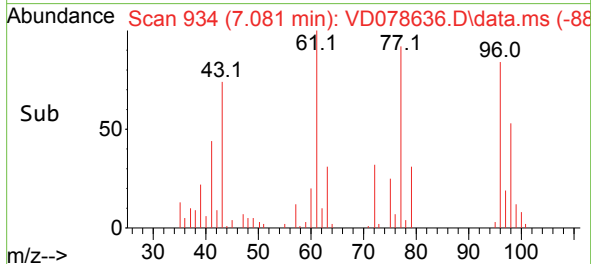
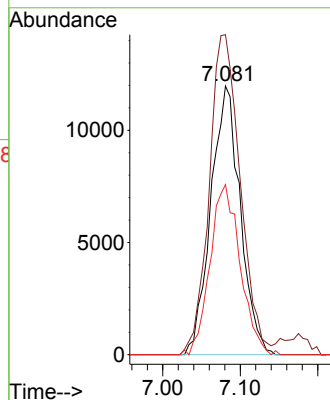
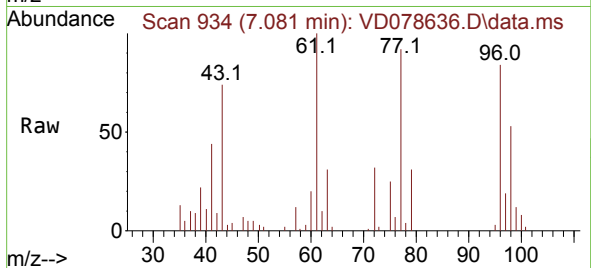




#27
 cis-1,2-Dichloroethene
 Concen: 19.172 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

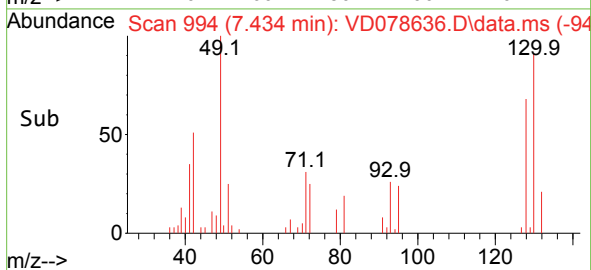
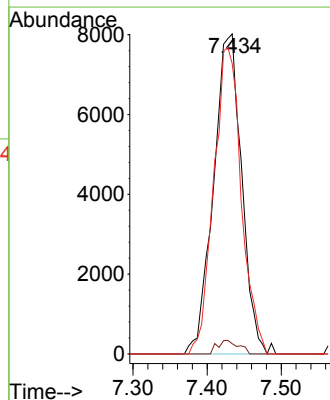
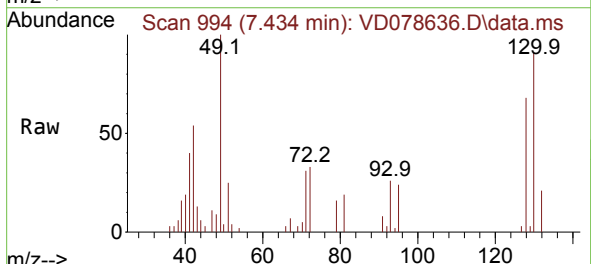
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

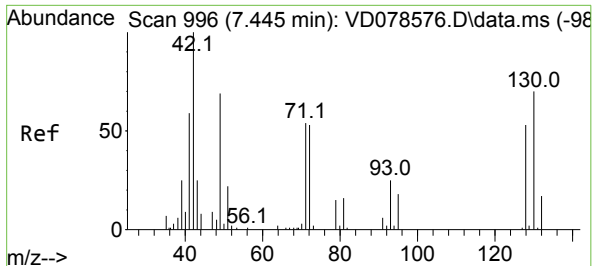
Tgt Ion: 96	Resp: 31568
Ion Ratio	Lower Upper
96 100	
61 125.7	0.0 239.2
98 64.9	0.0 128.6



#28
 Bromochloromethane
 Concen: 23.468 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion: 49	Resp: 21169
Ion Ratio	Lower Upper
49 100	
129 3.2	0.0 6.0
130 94.0	83.2 124.8





#29

Tetrahydrofuran

Concen: 95.803 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

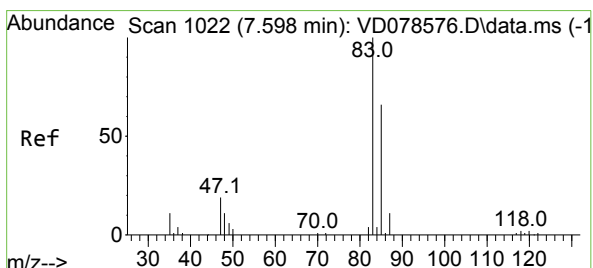
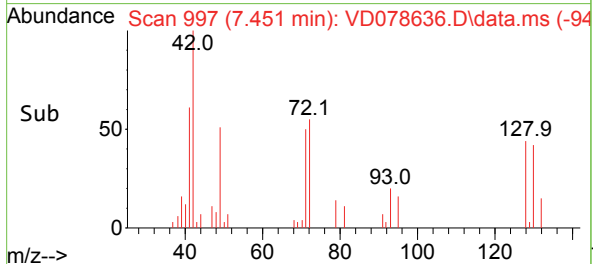
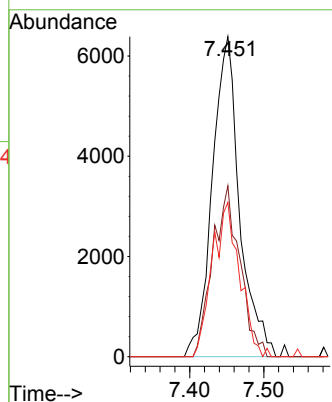
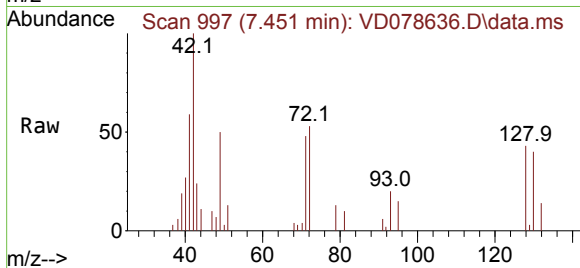
Tgt Ion: 42 Resp: 16318

Ion Ratio Lower Upper

42 100

72 53.2 46.5 69.7

71 48.5 44.5 66.7



#30

Chloroform

Concen: 19.580 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078636.D

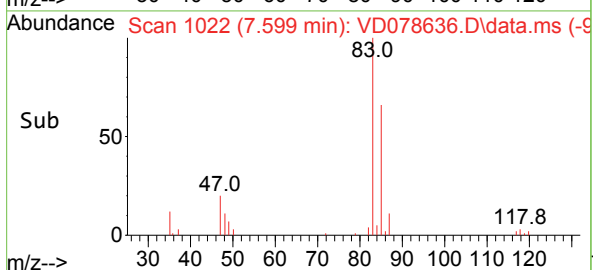
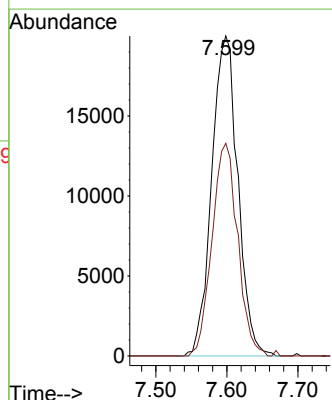
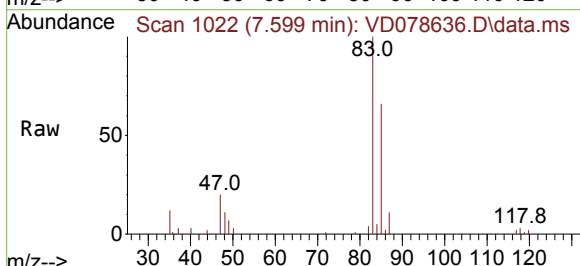
Acq: 12 Mar 2024 11:45

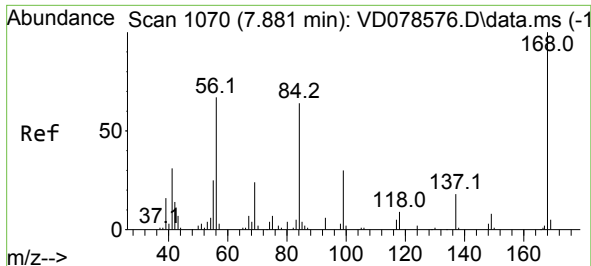
Tgt Ion: 83 Resp: 51046

Ion Ratio Lower Upper

83 100

85 66.4 53.4 80.2

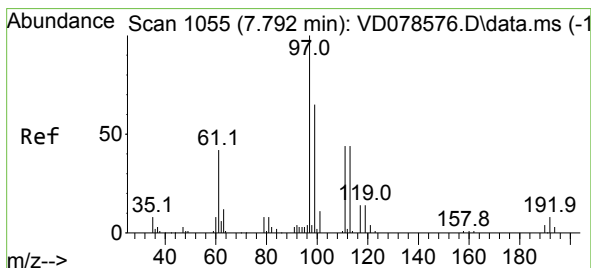
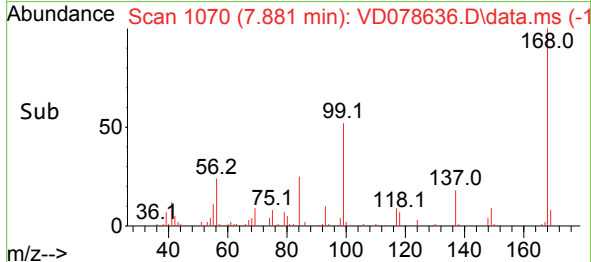
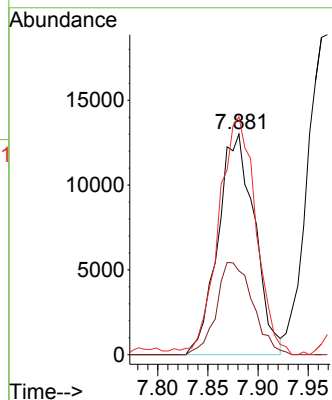
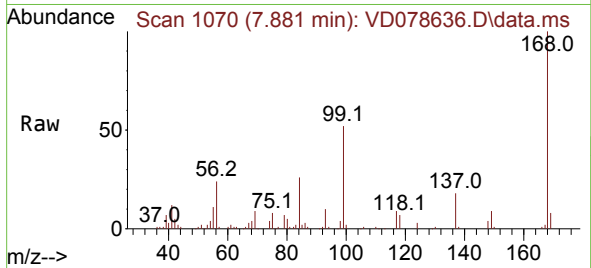




#31
Cyclohexane
Concen: 16.658 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

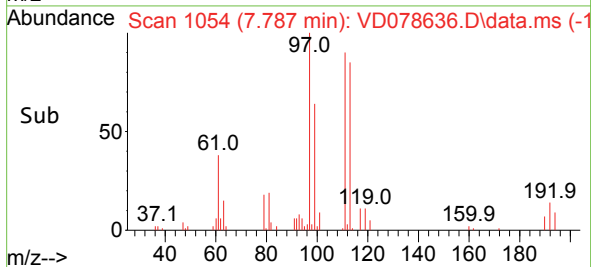
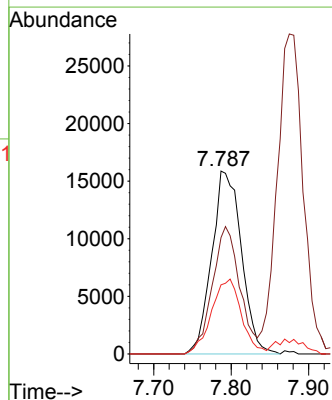
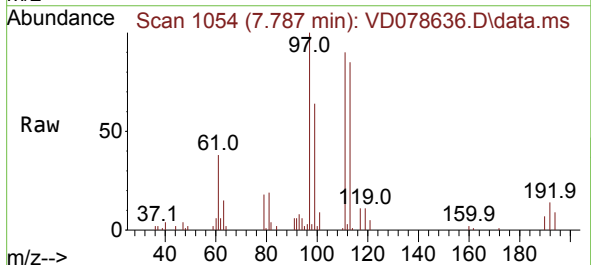
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

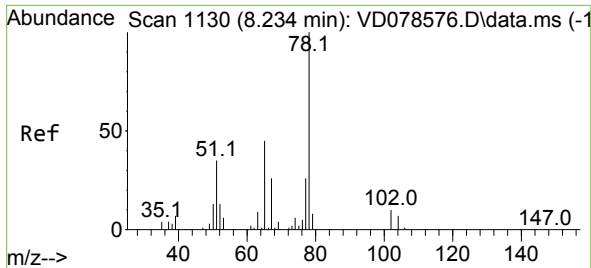
Tgt Ion: 56 Resp: 33076
Ion Ratio Lower Upper
56 100
69 38.0 28.6 43.0
84 105.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.881 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 97 Resp: 42227
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.483 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

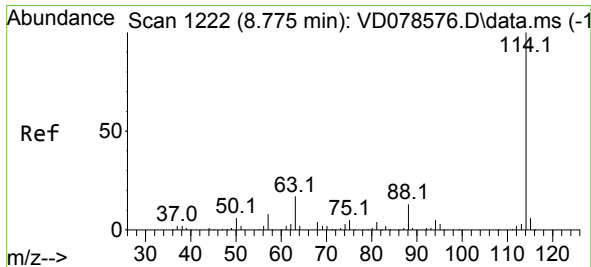
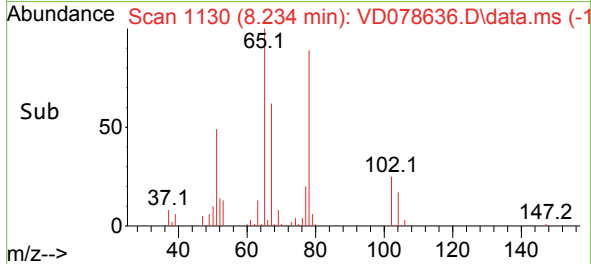
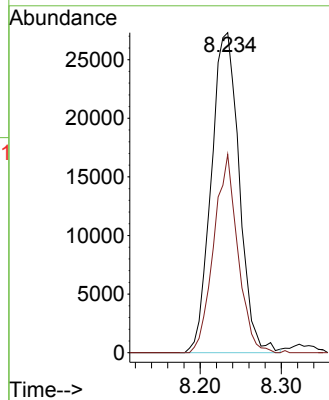
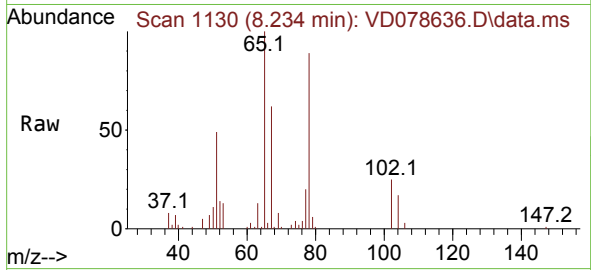
VD0312SBS01

Tgt Ion: 65 Resp: 65313

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

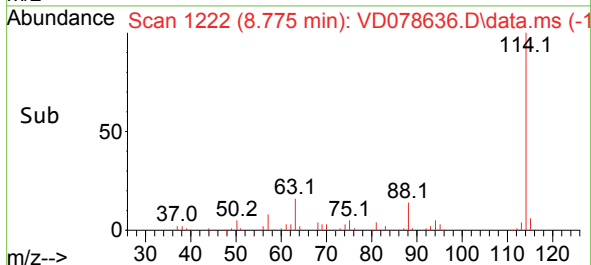
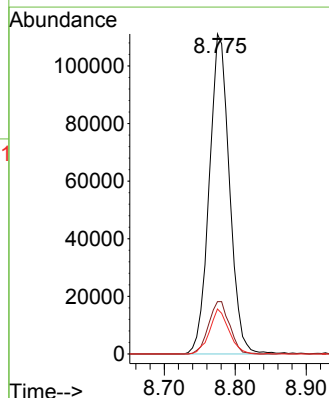
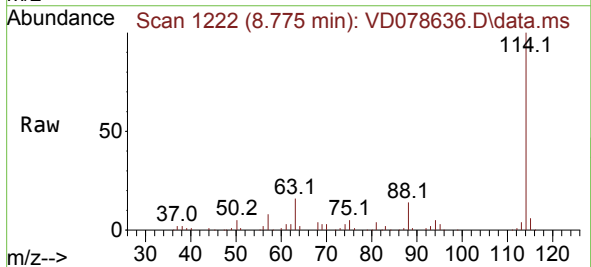
Tgt Ion: 114 Resp: 219254

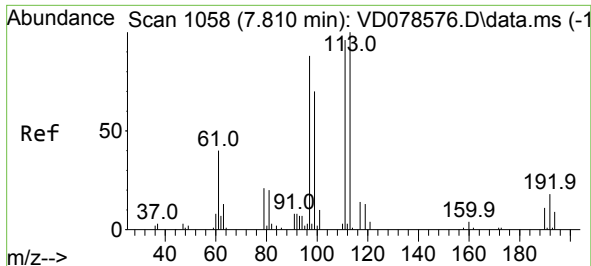
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.1 0.0 26.2

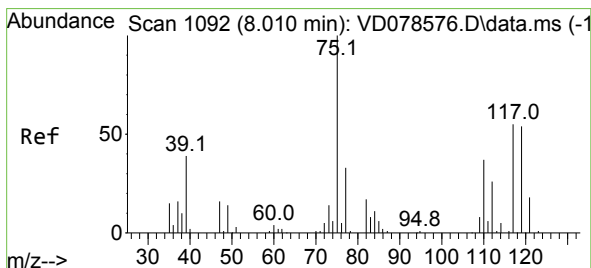
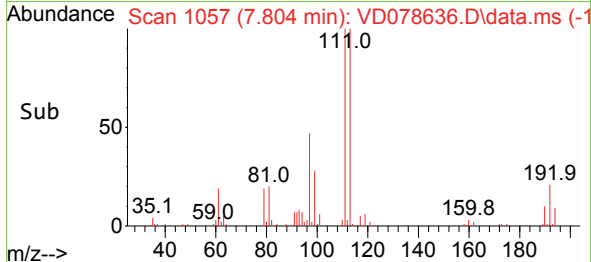
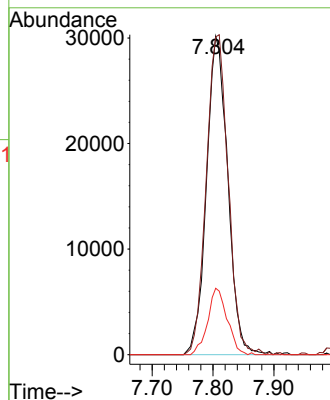
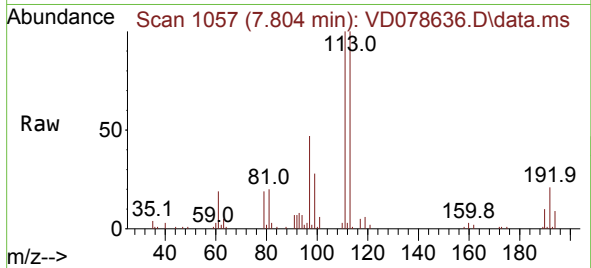




#35
 Dibromofluoromethane
 Concen: 51.440 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

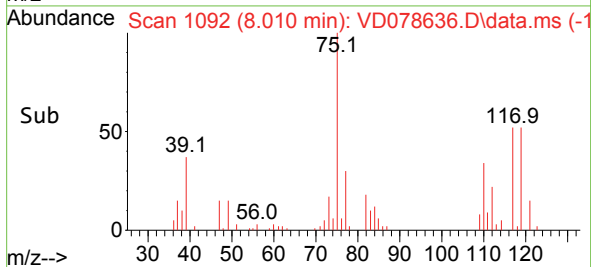
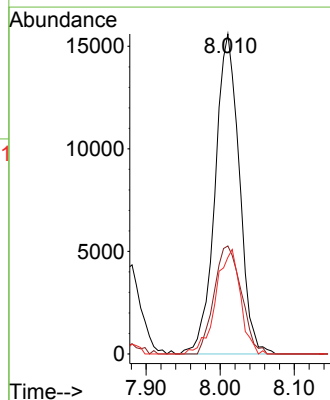
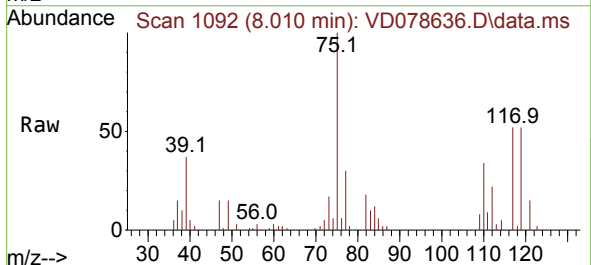
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

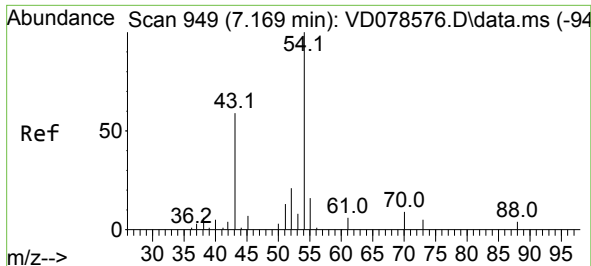
Tgt Ion:113 Resp: 73365
 Ion Ratio Lower Upper
 113 100
 111 102.9 84.7 127.1
 192 19.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 17.934 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion: 75 Resp: 35394
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.9 59.6
 77 33.3 24.7 37.1





#37

Ethyl Acetate

Concen: 18.908 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

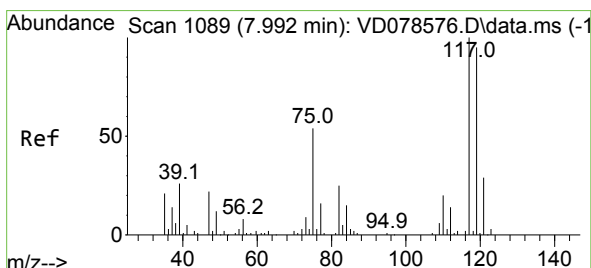
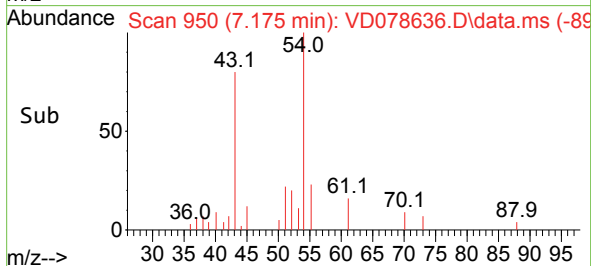
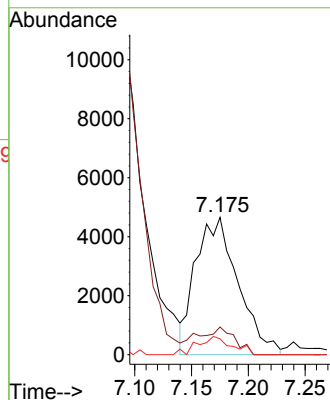
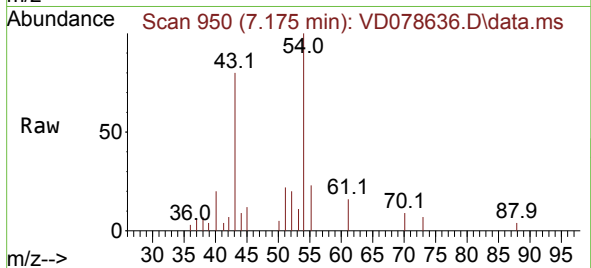
Tgt Ion: 43 Resp: 12091

Ion Ratio Lower Upper

43 100

61 17.9 14.9 22.3

70 10.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.174 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

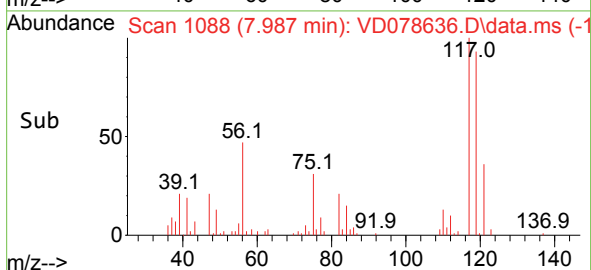
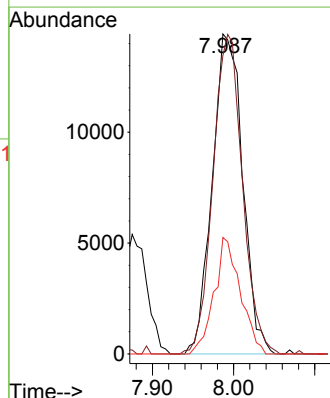
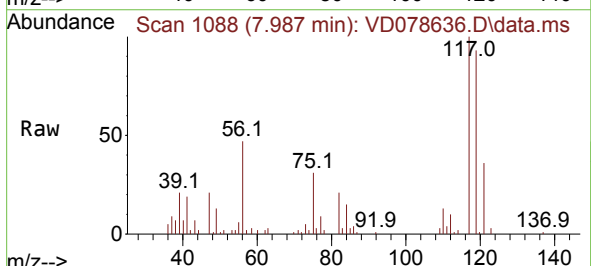
Tgt Ion: 117 Resp: 37516

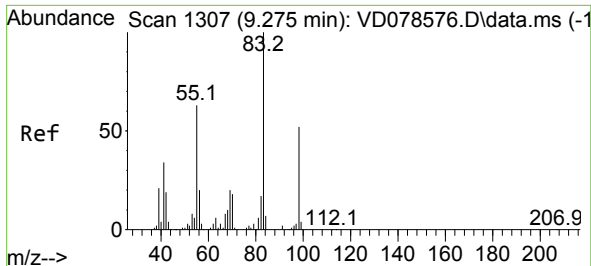
Ion Ratio Lower Upper

117 100

119 93.3 78.0 117.0

121 36.4 24.2 36.2#





#39

Methylcyclohexane

Concen: 16.454 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

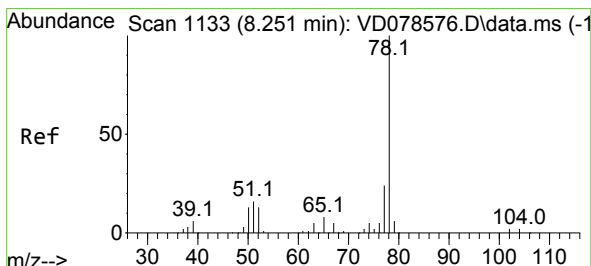
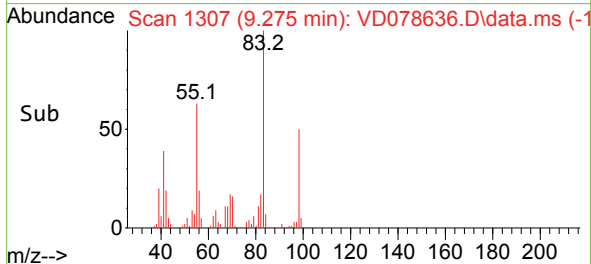
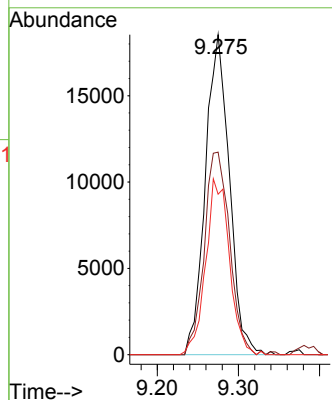
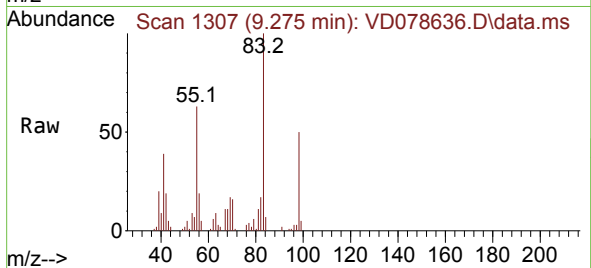
Tgt Ion: 83 Resp: 38113

Ion Ratio Lower Upper

83 100

55 63.3 49.4 74.0

98 50.1 38.4 57.6



#40

Benzene

Concen: 18.577 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078636.D

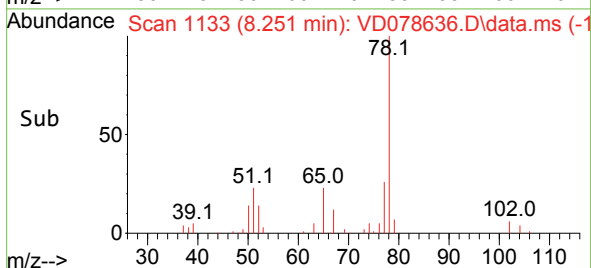
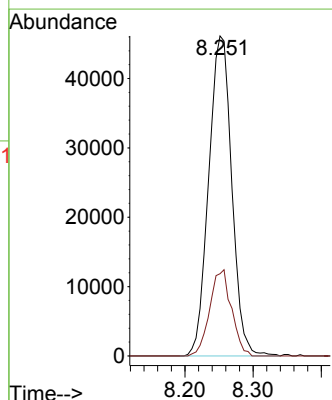
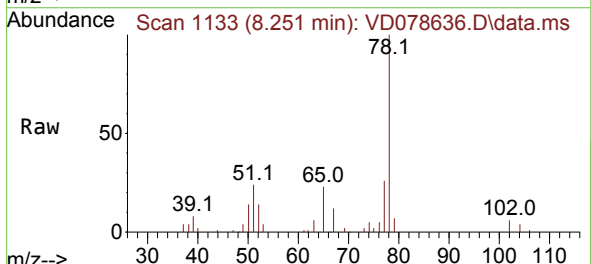
Acq: 12 Mar 2024 11:45

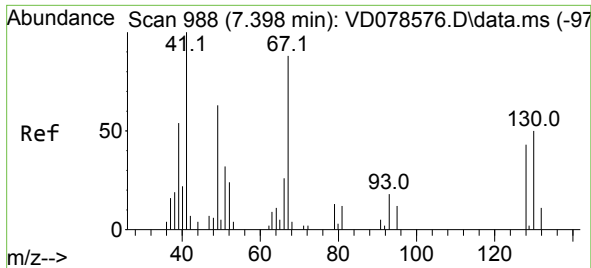
Tgt Ion: 78 Resp: 108674

Ion Ratio Lower Upper

78 100

77 25.7 19.4 29.0

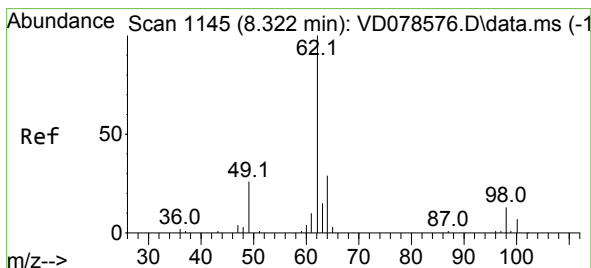
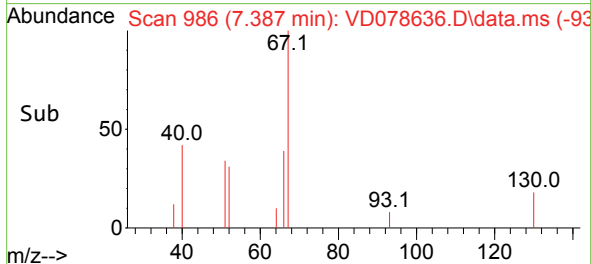
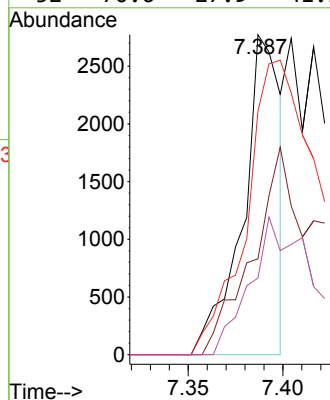
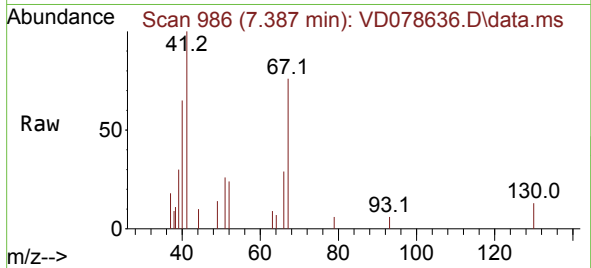




#41
Methacrylonitrile
Concen: 11.198 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

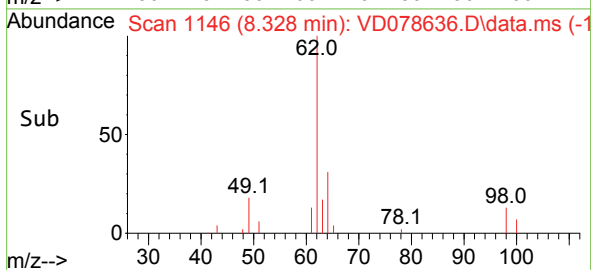
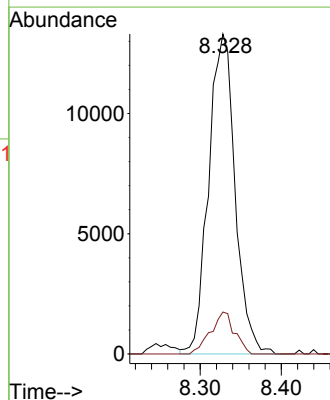
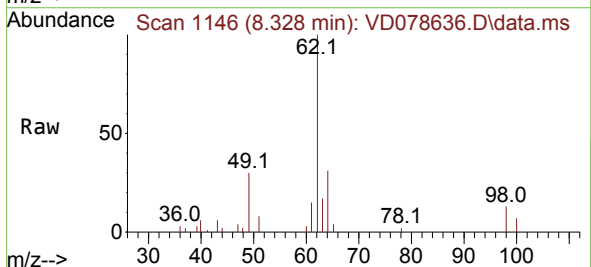
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

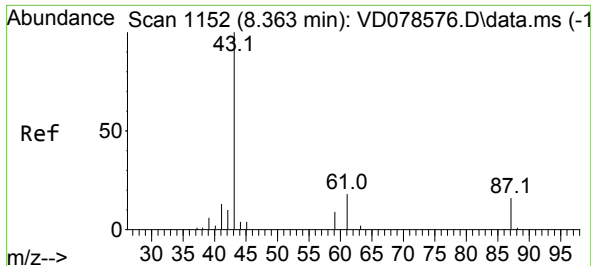
Tgt Ion: 41	Resp: 3838
Ion Ratio	Lower Upper
41 100	
39 75.8	34.0 51.0#
67 172.8	77.0 115.4#
52 70.6	27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.322 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 62	Resp: 30159
Ion Ratio	Lower Upper
62 100	
98 11.8	0.0 25.4

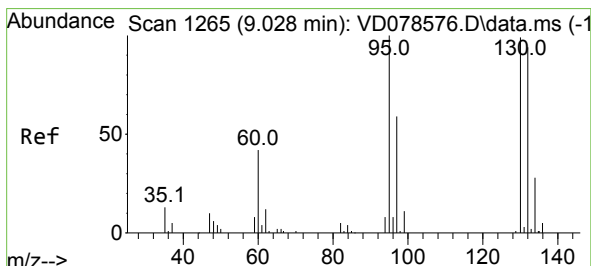
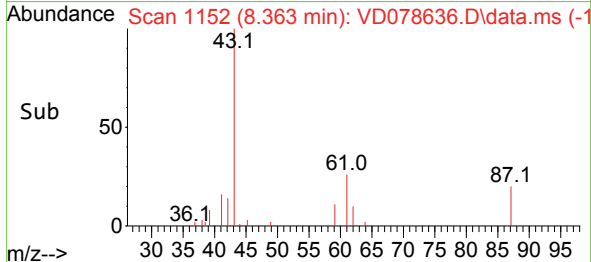
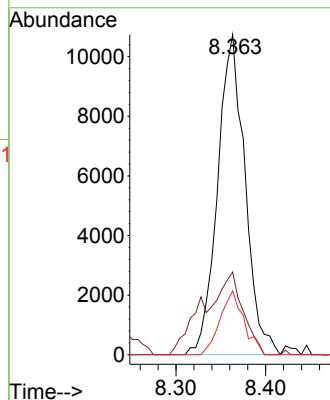
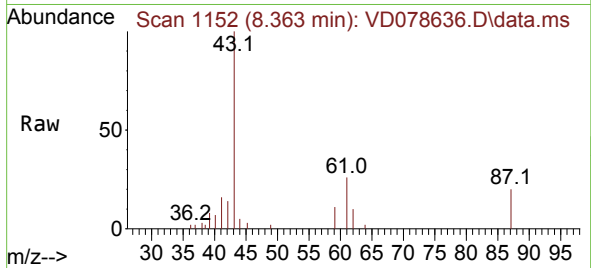




#43
Isopropyl Acetate
Concen: 18.619 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

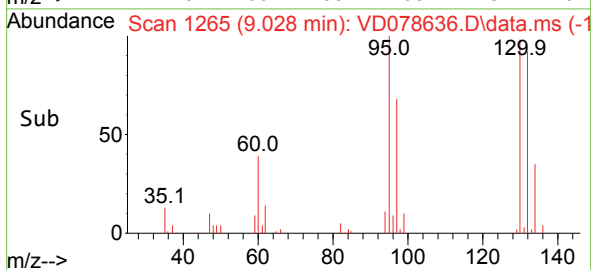
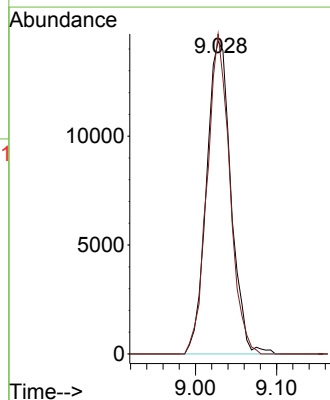
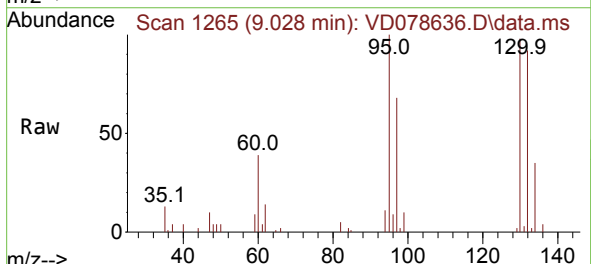
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

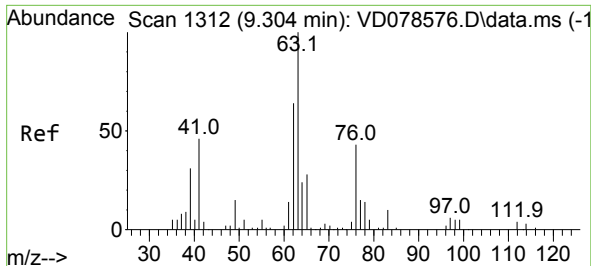
Tgt Ion: 43 Resp: 22827
Ion Ratio Lower Upper
43 100
61 22.7 31.4 47.0#
87 17.3 14.9 22.3



#44
Trichloroethene
Concen: 18.713 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:130 Resp: 30040
Ion Ratio Lower Upper
130 100
95 102.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.473 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

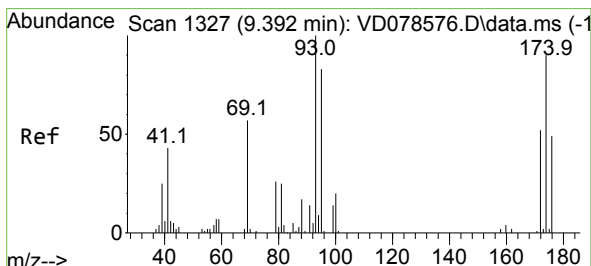
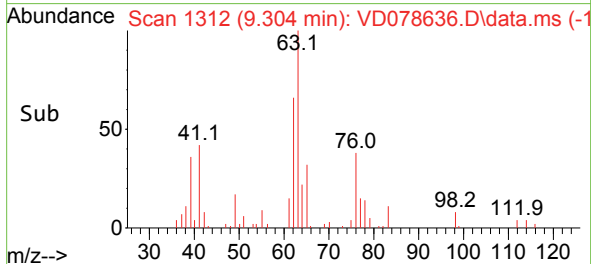
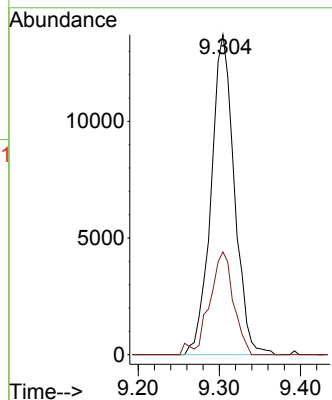
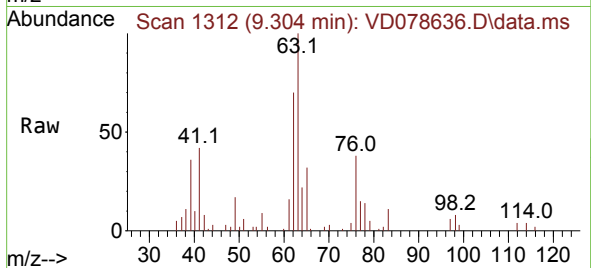
VD0312SBS01

Tgt Ion: 63 Resp: 27365

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 19.331 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

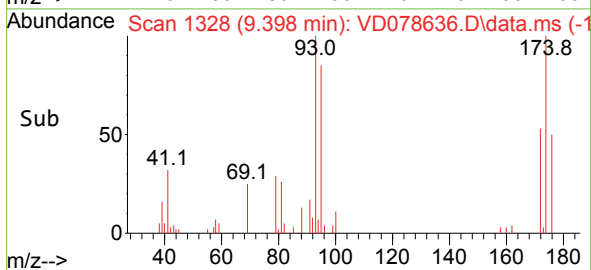
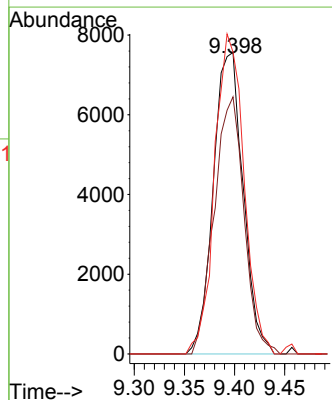
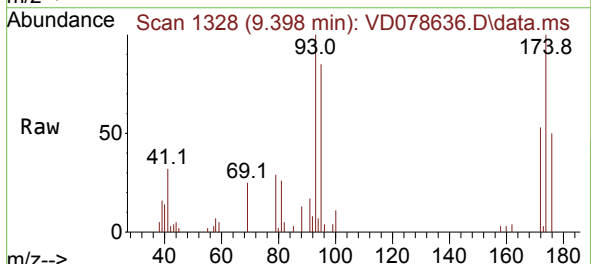
Tgt Ion: 93 Resp: 15660

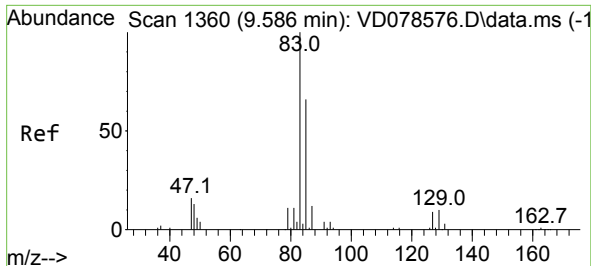
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 104.2 85.4 128.2

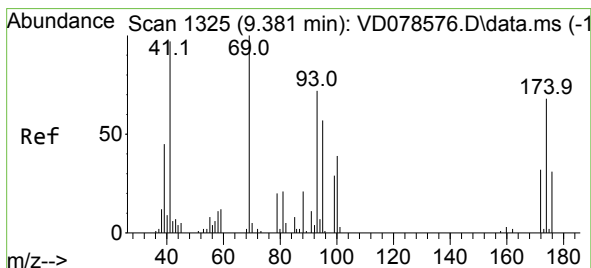
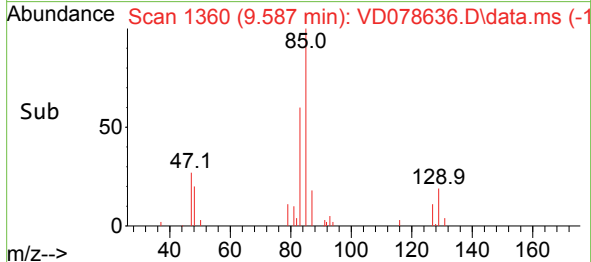
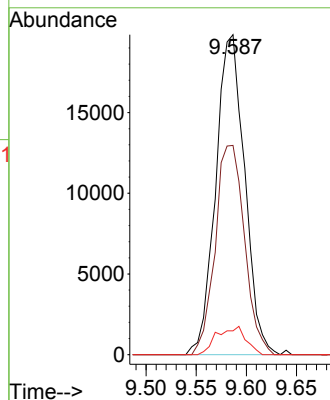
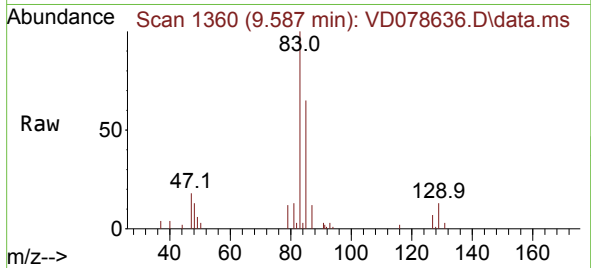




#47
Bromodichloromethane
Concen: 19.880 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

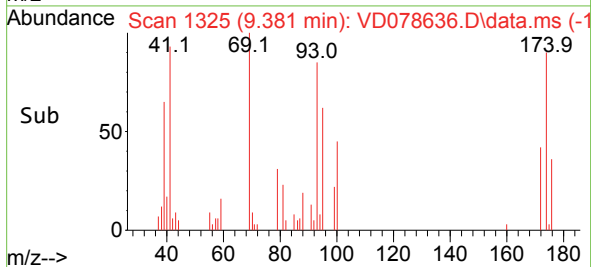
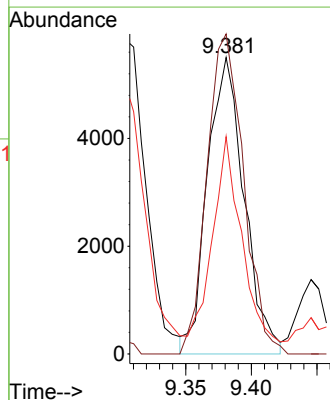
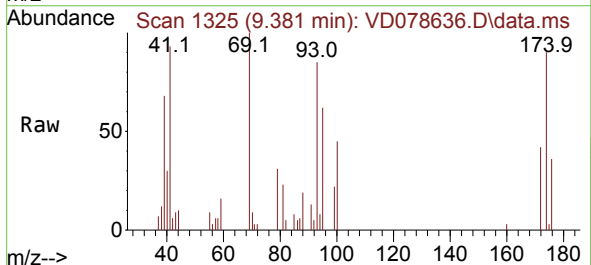
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

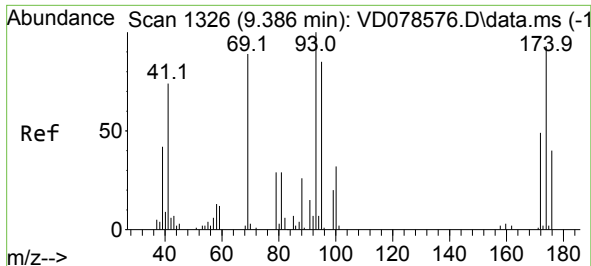
Tgt Ion: 83 Resp: 39710
Ion Ratio Lower Upper
83 100
85 65.4 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 19.263 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 41 Resp: 10698
Ion Ratio Lower Upper
41 100
69 107.8 102.2 153.2
39 61.7 41.4 62.2





#49

1,4-Dioxane

Concen: 390.682 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

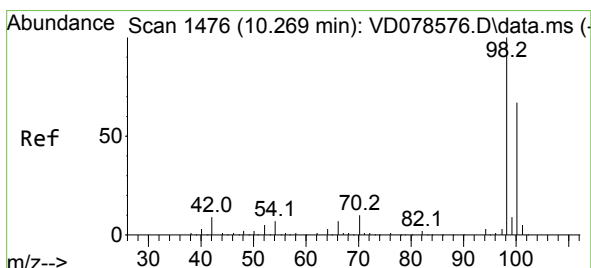
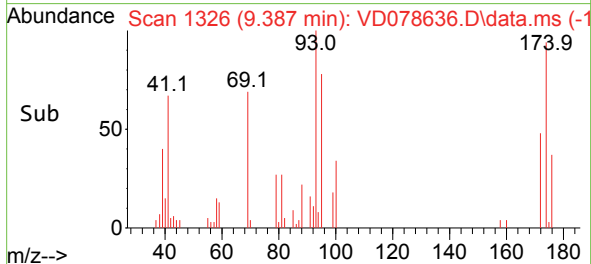
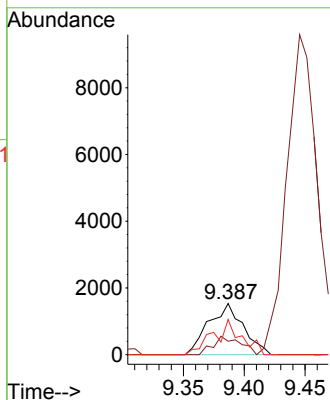
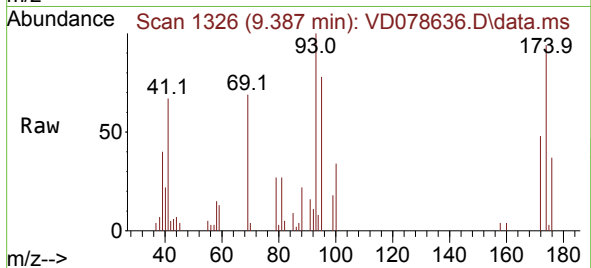
Tgt Ion: 88 Resp: 3019

Ion Ratio Lower Upper

88 100

43 28.5 19.0 28.6

58 55.9 43.5 65.3



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078636.D

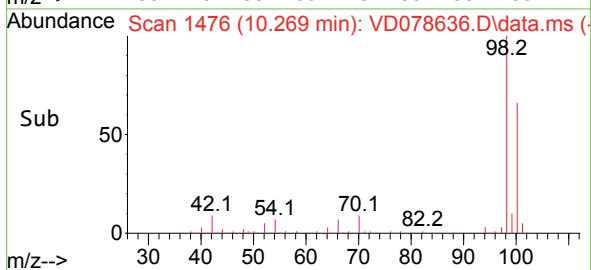
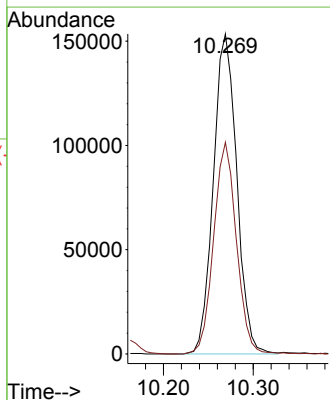
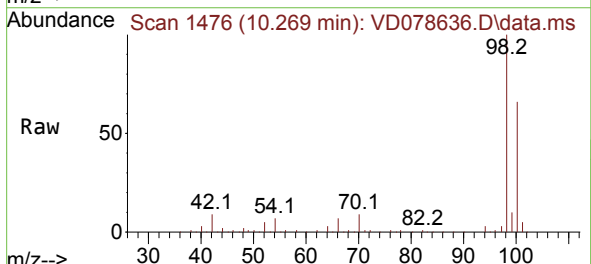
Acq: 12 Mar 2024 11:45

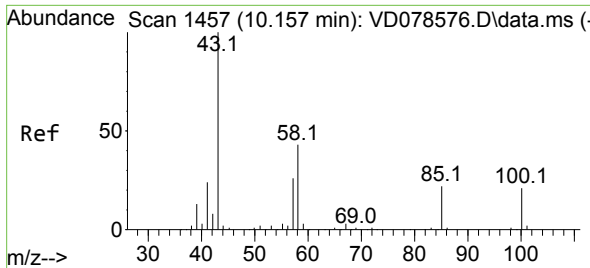
Tgt Ion: 98 Resp: 278143

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

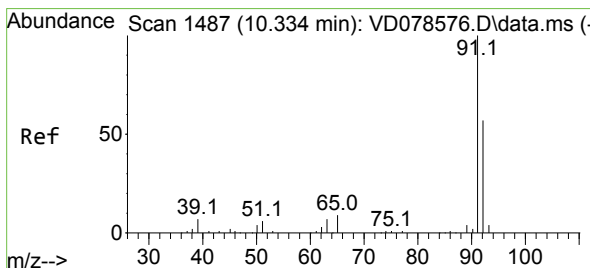
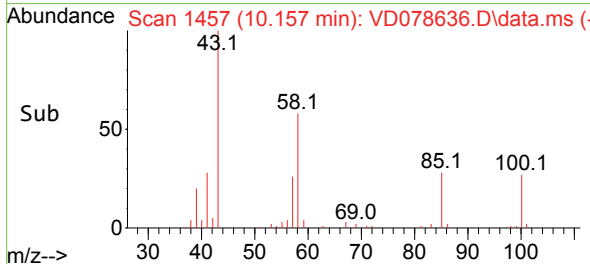
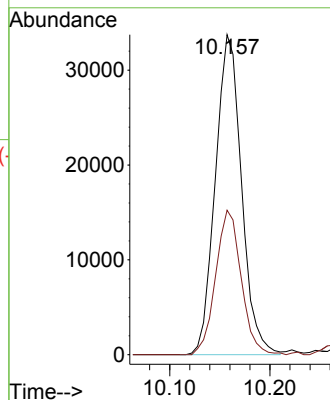
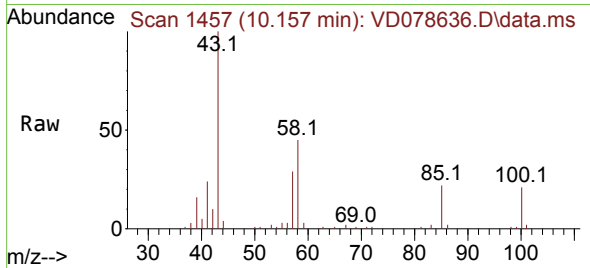




#51
4-Methyl-2-Pentanone
Concen: 96.619 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

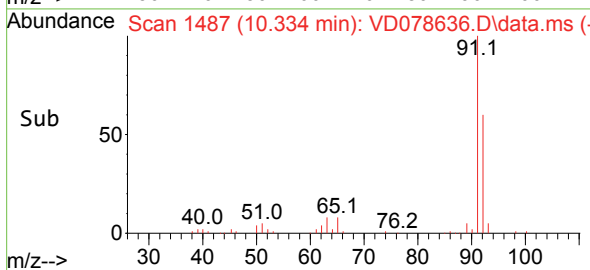
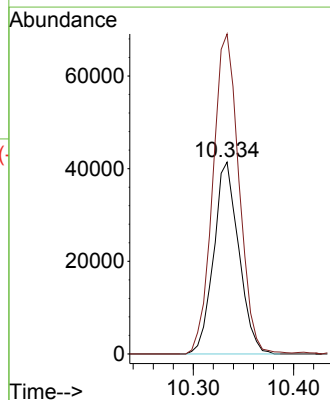
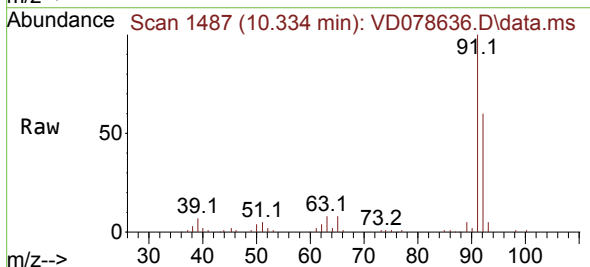
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

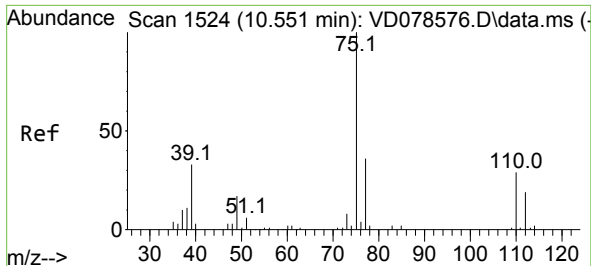
Tgt Ion: 43 Resp: 61140
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 19.176 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 92 Resp: 71980
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4

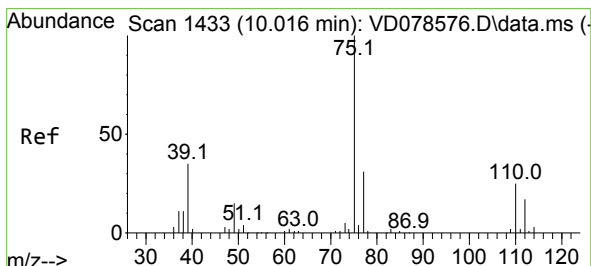
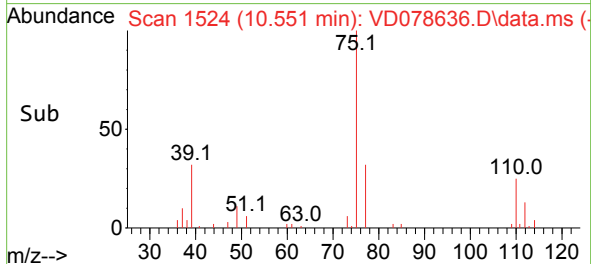
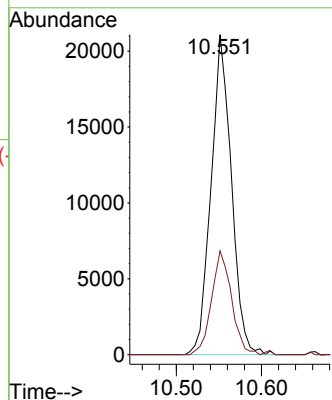
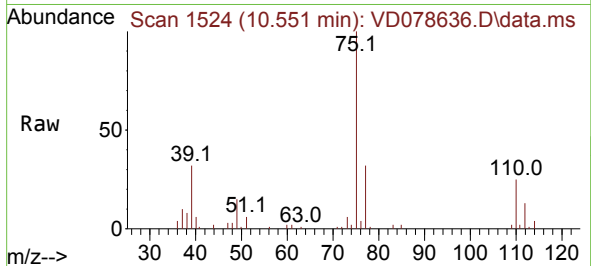




#53
 t-1,3-Dichloropropene
 Concen: 18.997 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

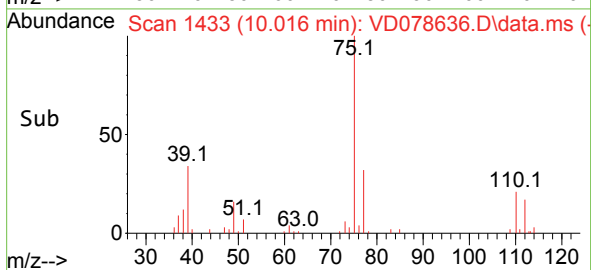
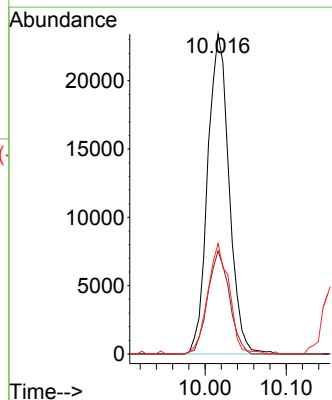
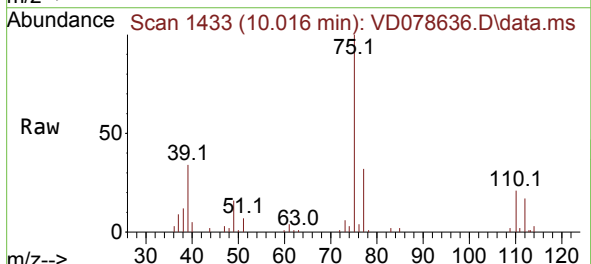
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

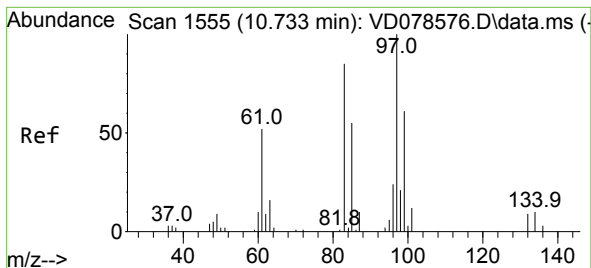
Tgt Ion: 75 Resp: 35104
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.383 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion: 75 Resp: 42886
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 34.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.628 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

Tgt Ion: 97 Resp: 22390

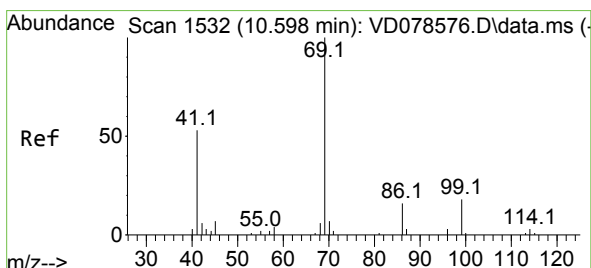
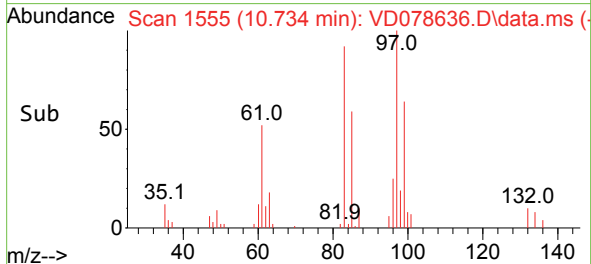
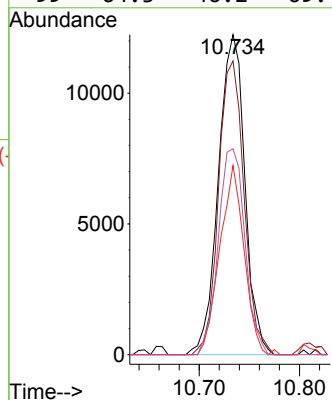
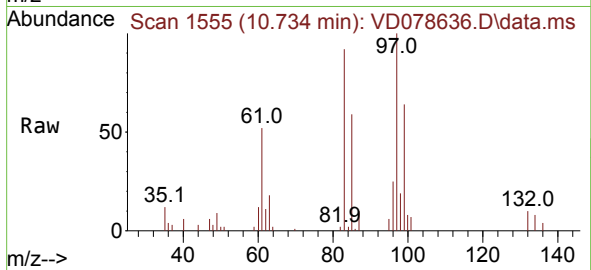
Ion Ratio Lower Upper

97 100

83 91.8 65.8 98.6

85 59.1 45.7 68.5

99 64.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.490 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

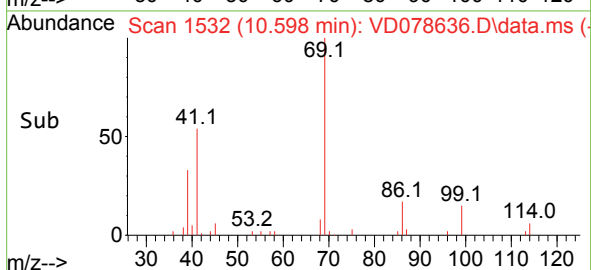
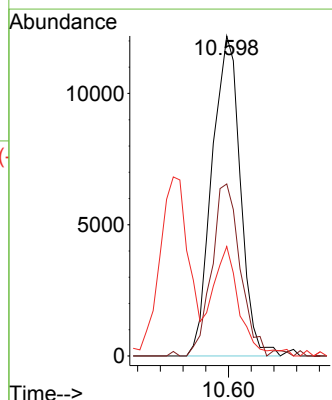
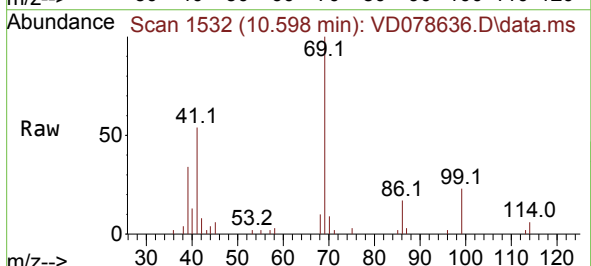
Tgt Ion: 69 Resp: 21140

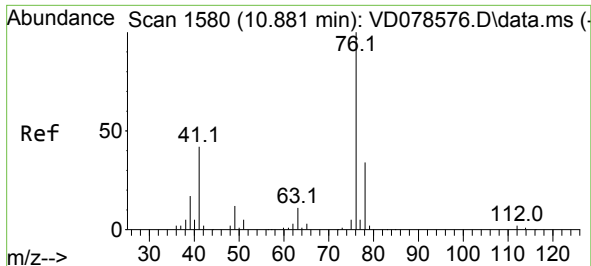
Ion Ratio Lower Upper

69 100

41 54.3 39.1 58.7

39 32.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 19.211 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

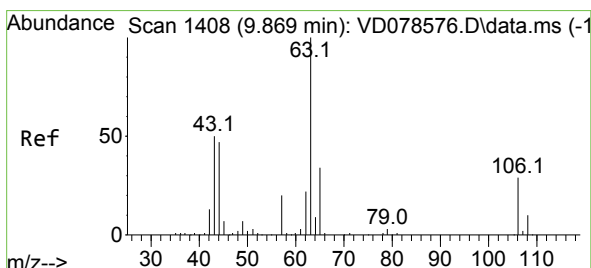
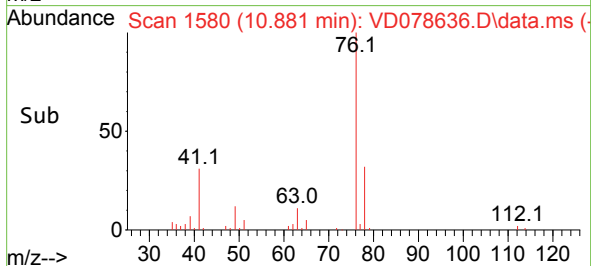
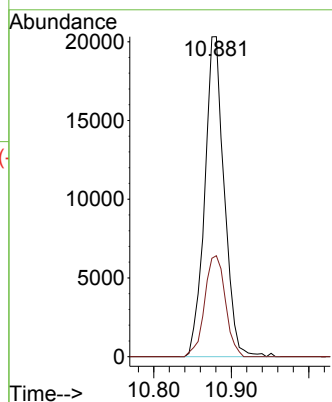
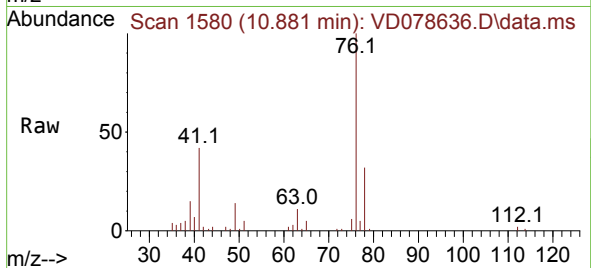
VD0312SBSD01

Tgt Ion: 76 Resp: 35511

Ion Ratio Lower Upper

76 100

78 33.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 112.817 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078636.D

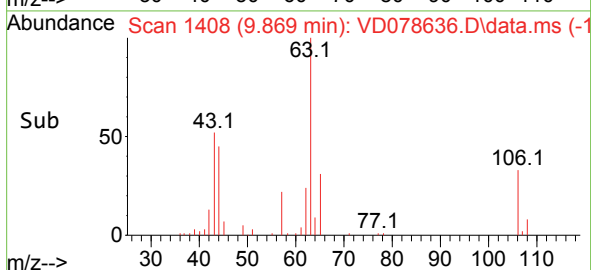
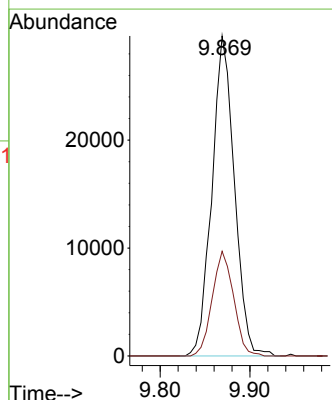
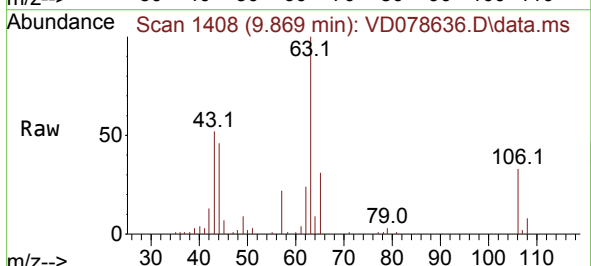
Acq: 12 Mar 2024 11:45

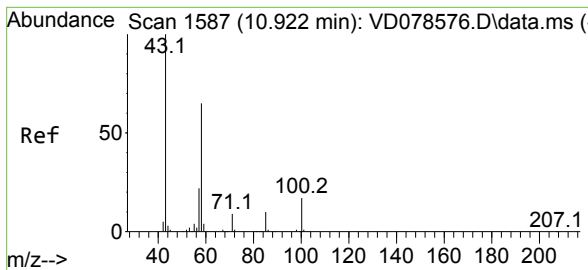
Tgt Ion: 63 Resp: 51693

Ion Ratio Lower Upper

63 100

106 31.1 25.3 37.9

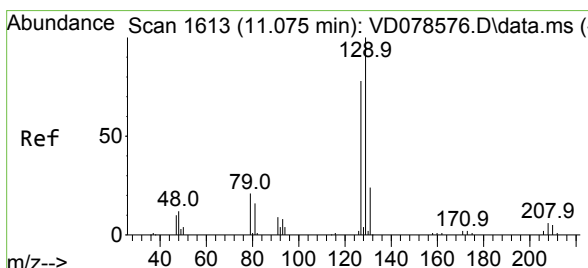
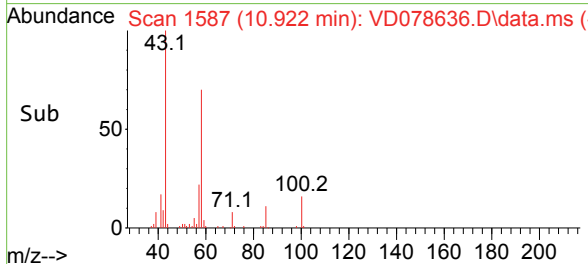
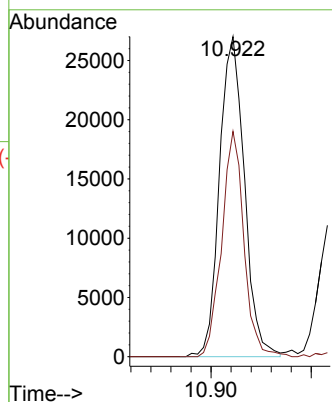
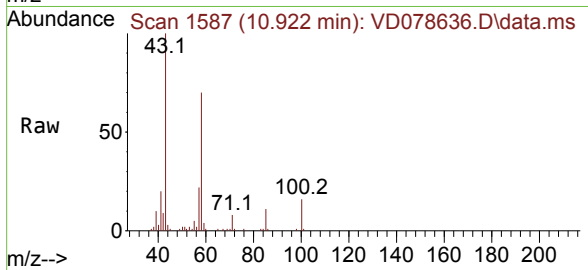




#59
2-Hexanone
Concen: 99.178 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

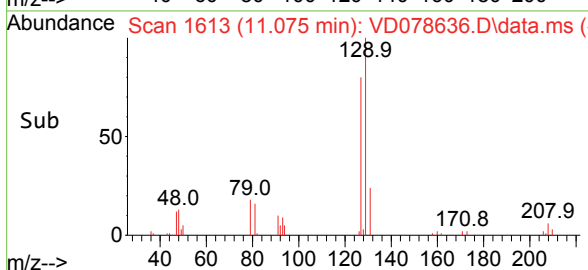
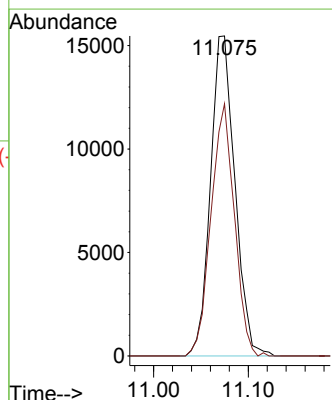
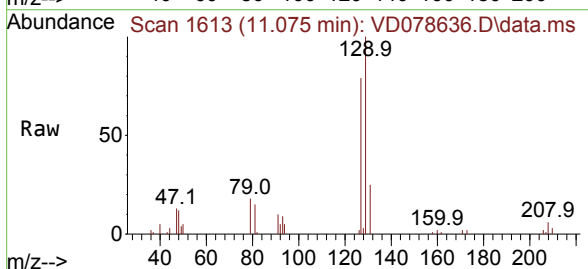
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

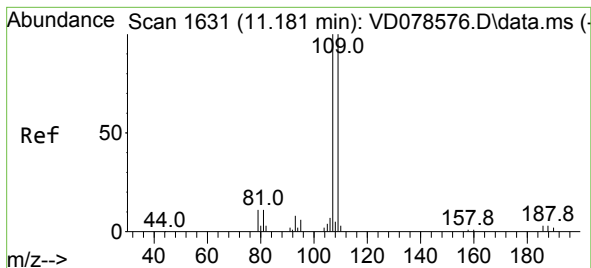
Tgt Ion: 43 Resp: 46550
Ion Ratio Lower Upper
43 100
58 62.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.152 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 129 Resp: 27757
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

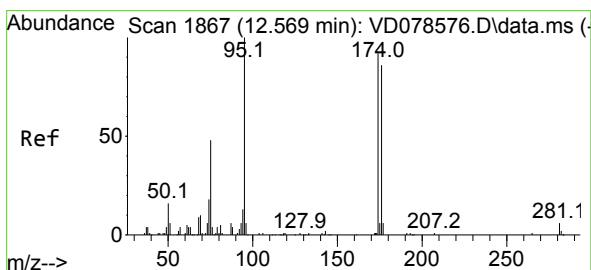
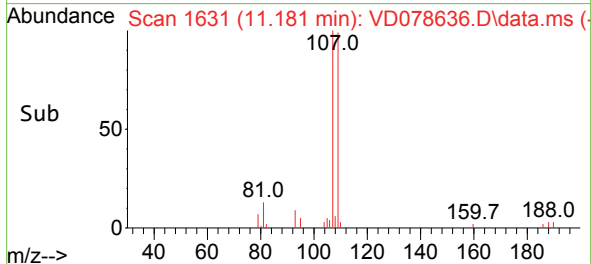
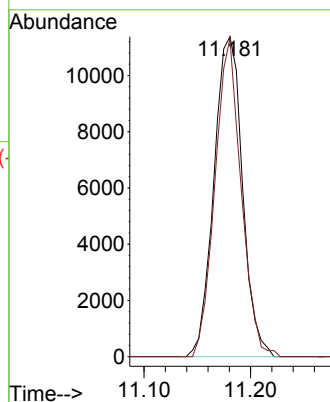
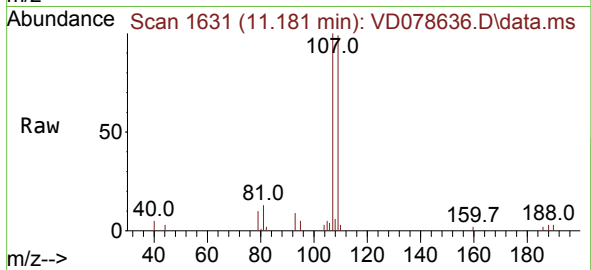




#61
1,2-Dibromoethane
Concen: 20.176 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

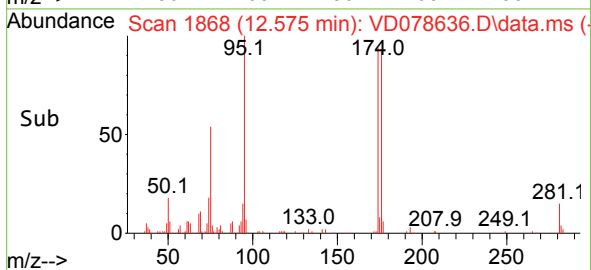
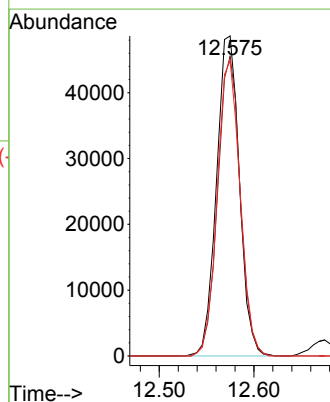
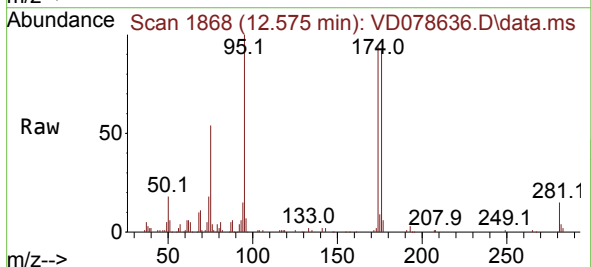
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

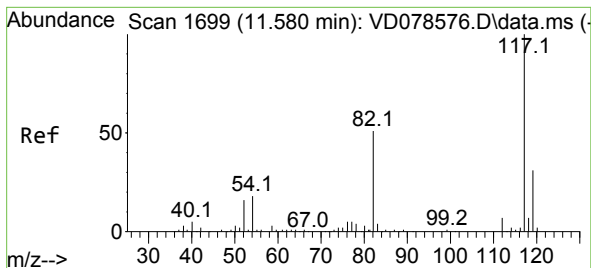
Tgt Ion:107 Resp: 21122
Ion Ratio Lower Upper
107 100
109 91.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.444 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 95 Resp: 81432
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 92.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

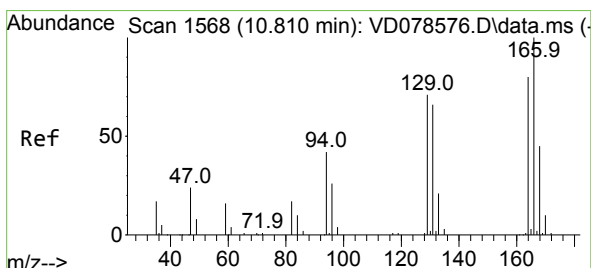
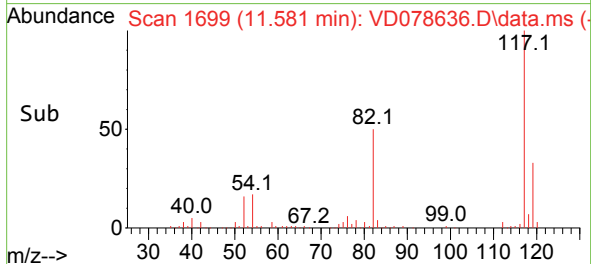
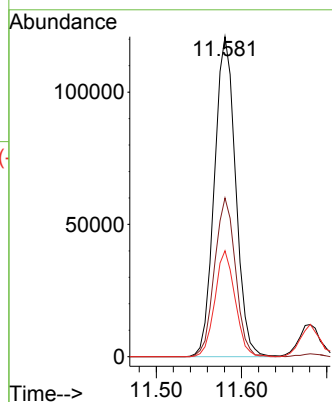
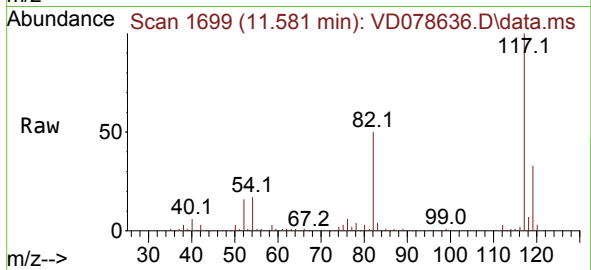
Tgt Ion:117 Resp: 209059

Ion Ratio Lower Upper

117 100

82 49.6 38.3 57.5

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 17.916 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Tgt Ion:164 Resp: 23567

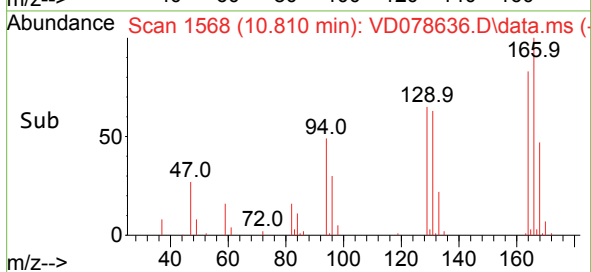
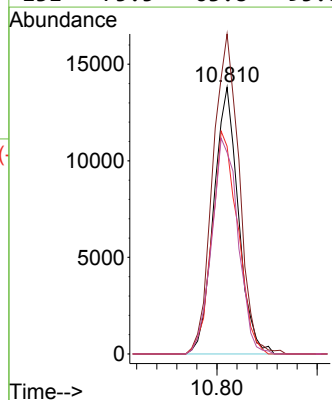
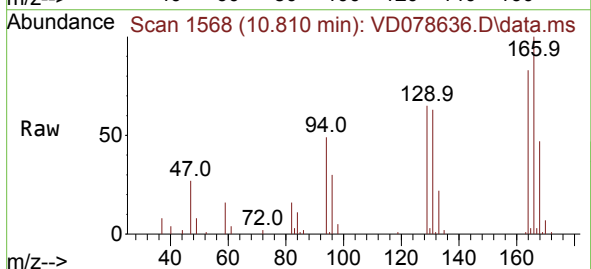
Ion Ratio Lower Upper

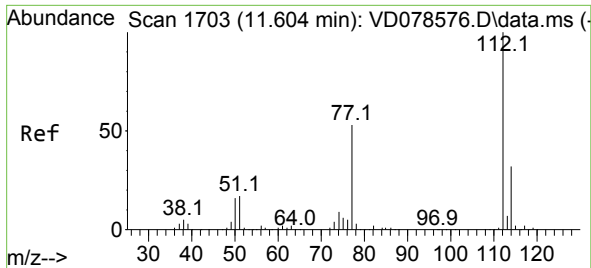
164 100

166 120.0 99.2 148.8

129 77.8 68.4 102.6

131 75.5 63.8 95.8

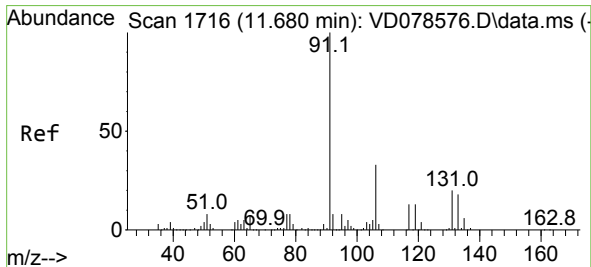
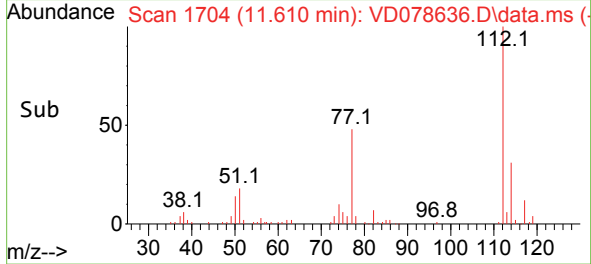
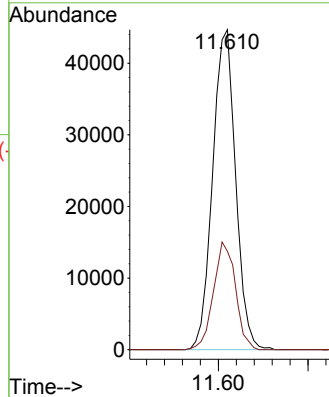
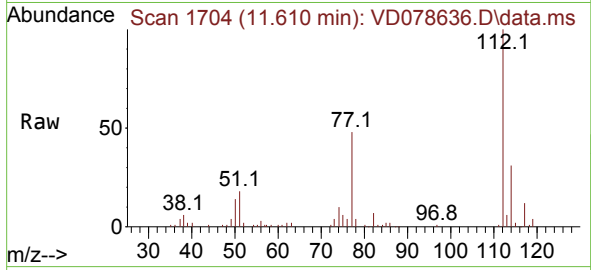




#65
Chlorobenzene
Concen: 19.278 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

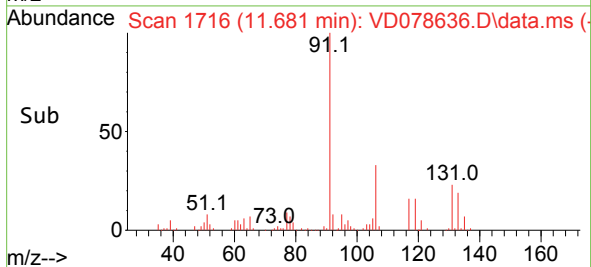
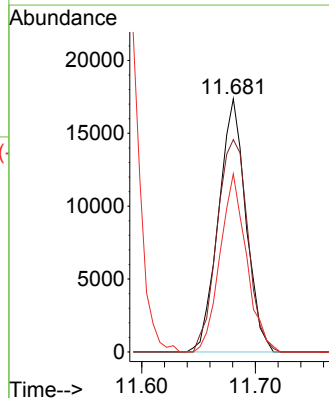
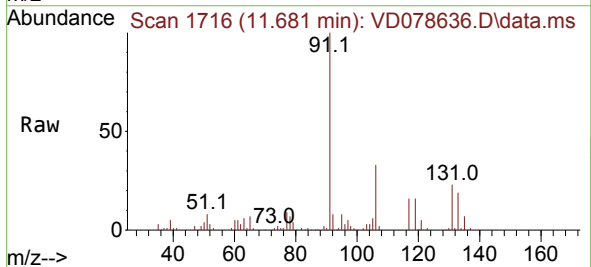
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

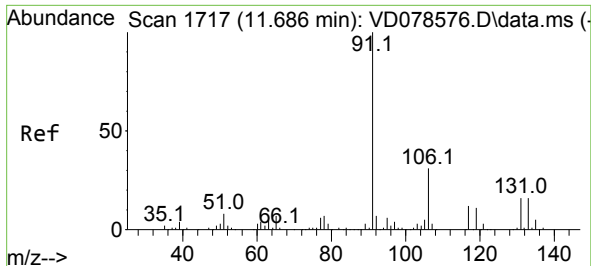
Tgt Ion:112 Resp: 79365
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.983 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:131 Resp: 29094
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 67.9 35.6 106.9





#67

Ethyl Benzene

Concen: 18.184 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

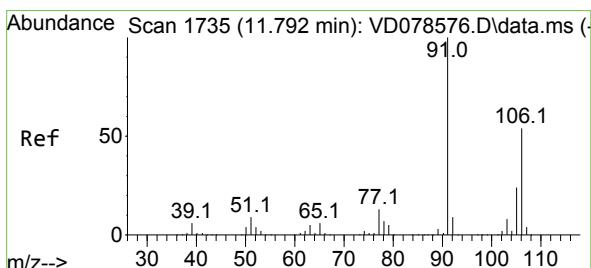
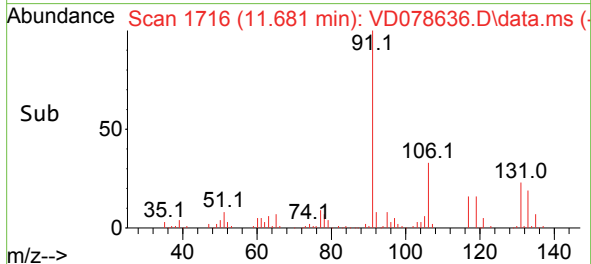
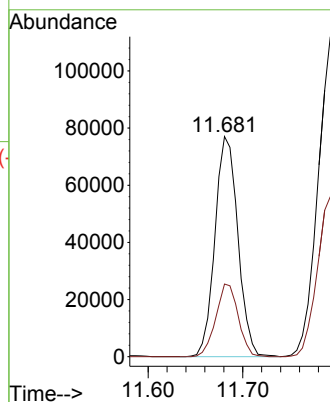
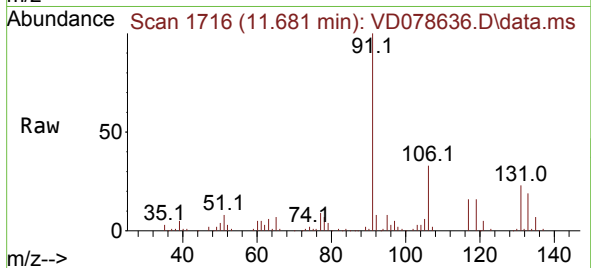
VD0312SBSD01

Tgt Ion: 91 Resp: 129711

Ion Ratio Lower Upper

91 100

106 33.0 26.5 39.7



#68

m/p-Xylenes

Concen: 35.914 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078636.D

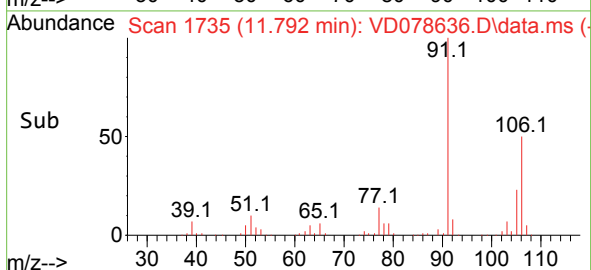
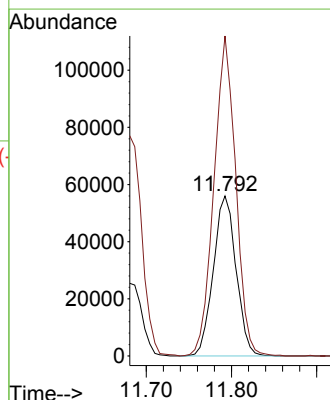
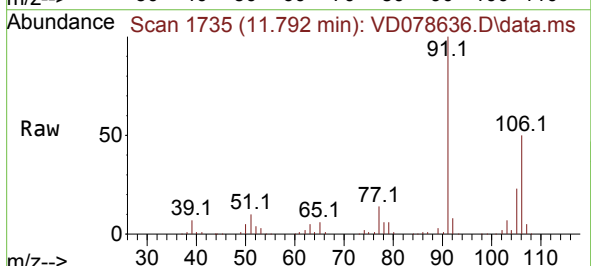
Acq: 12 Mar 2024 11:45

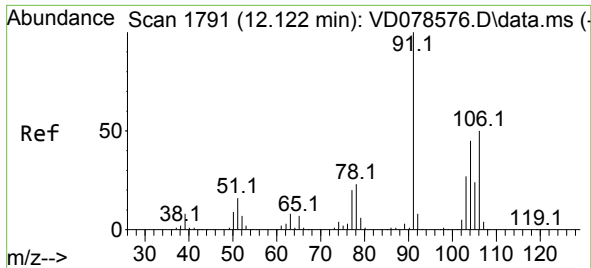
Tgt Ion:106 Resp: 103644

Ion Ratio Lower Upper

106 100

91 192.0 147.0 220.6

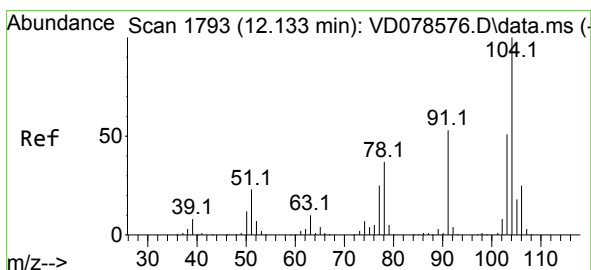
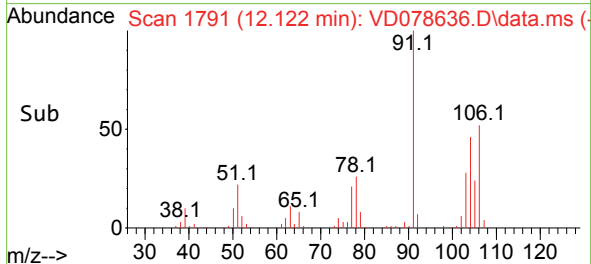
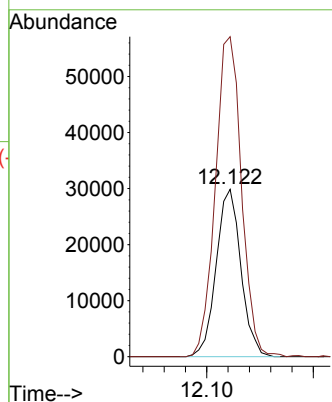
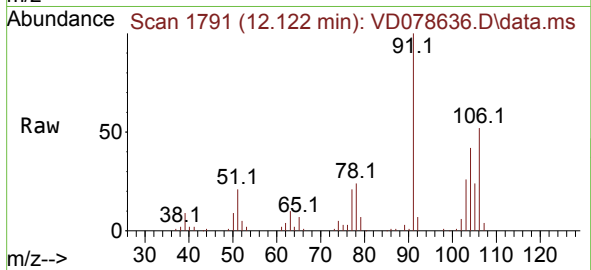




#69
o-Xylene
Concen: 18.360 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

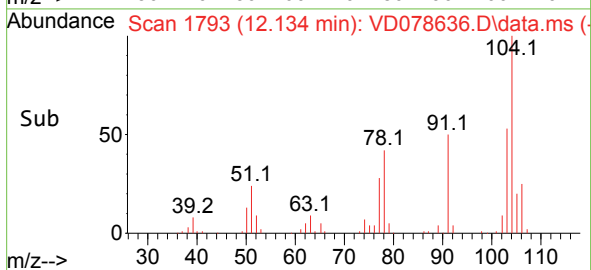
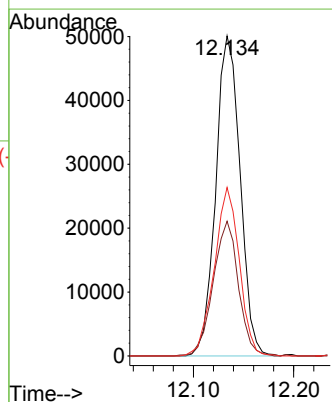
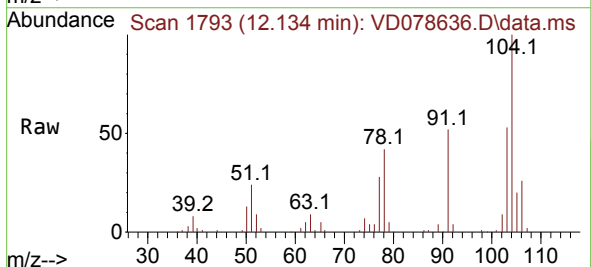
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

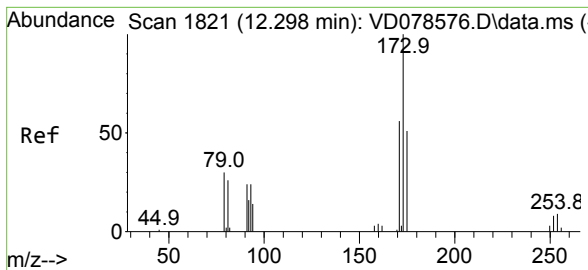
Tgt Ion:106 Resp: 48066
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6



#70
Styrene
Concen: 18.646 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:104 Resp: 84614
Ion Ratio Lower Upper
104 100
78 43.6 33.2 49.8
103 54.2 43.6 65.4

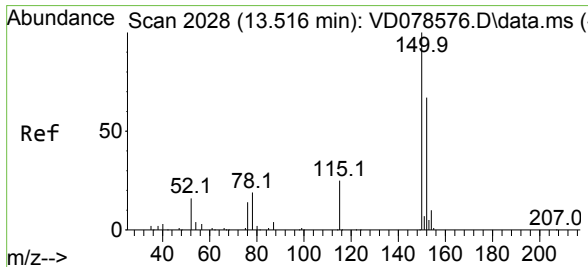
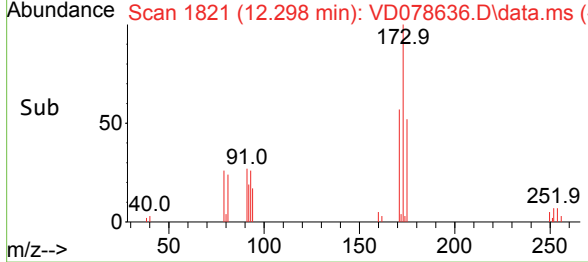
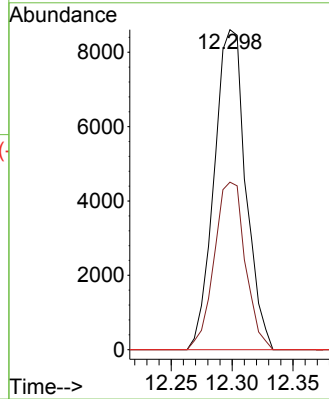
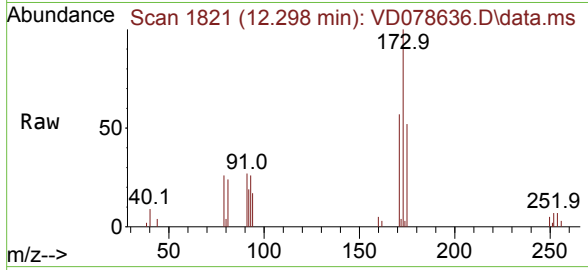




#71
Bromoform
Concen: 19.063 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

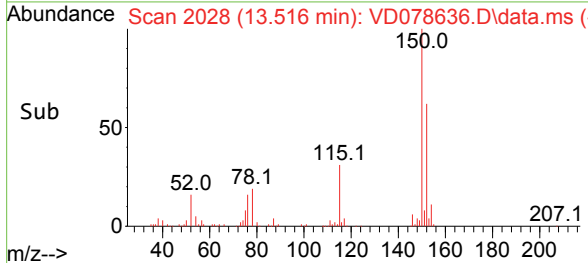
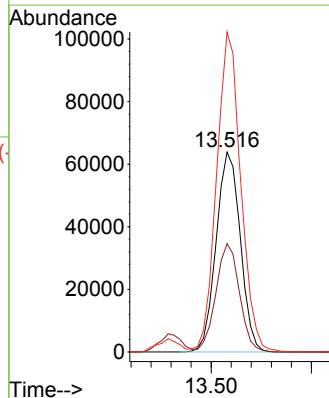
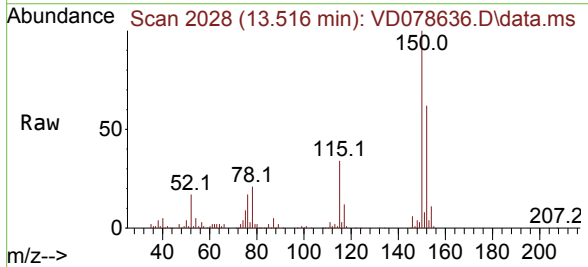
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

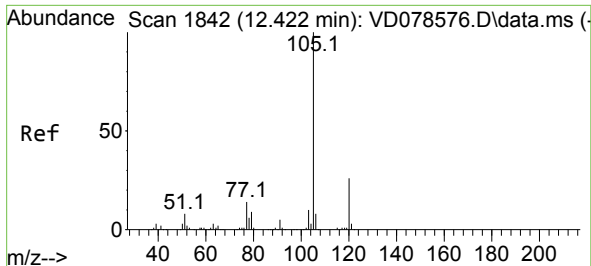
Tgt Ion:	173	Resp:	15543
Ion Ratio	Lower	Upper	
173	100		
175	51.5	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:	152	Resp:	106776
Ion Ratio	Lower	Upper	
152	100		
115	53.0	27.1	81.3
150	160.5	0.0	353.6

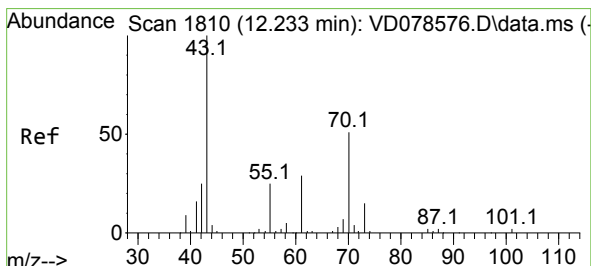
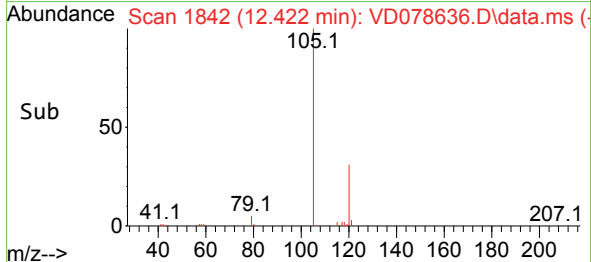
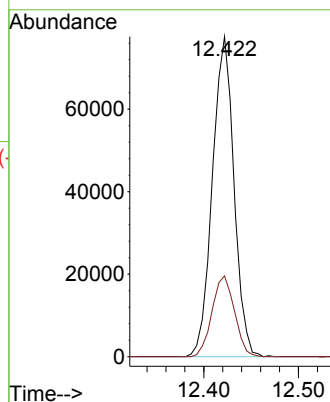
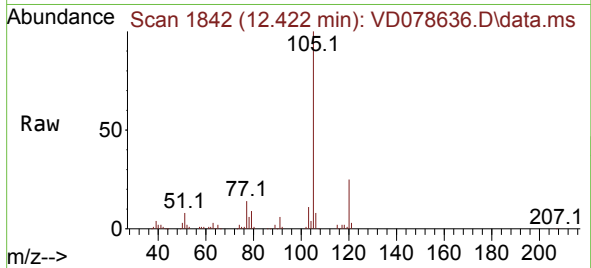




#73
Isopropylbenzene
Concen: 18.125 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

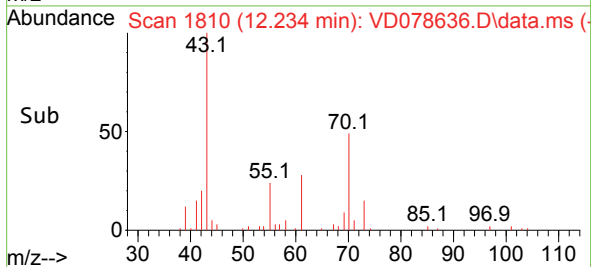
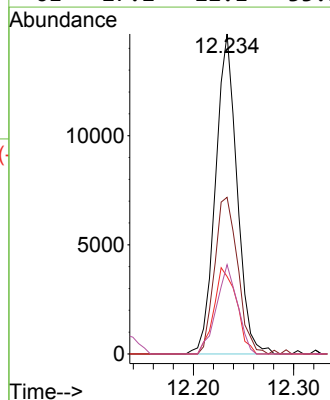
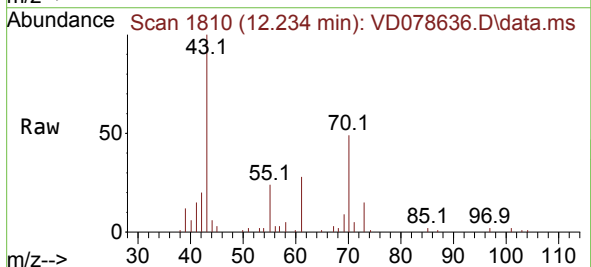
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

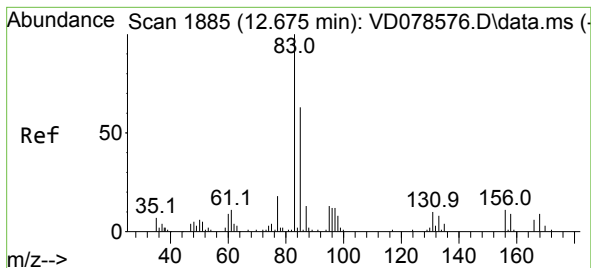
Tgt Ion:105 Resp: 122680
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 19.161 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 43 Resp: 21829
Ion Ratio Lower Upper
43 100
70 52.7 45.0 67.4
55 28.3 23.8 35.6
61 27.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.877 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

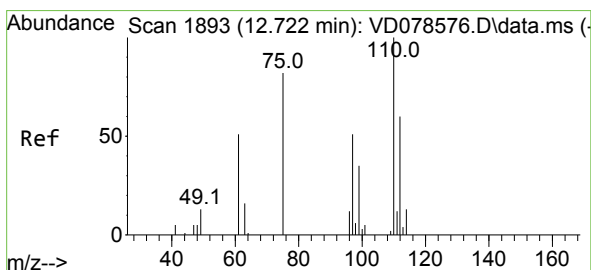
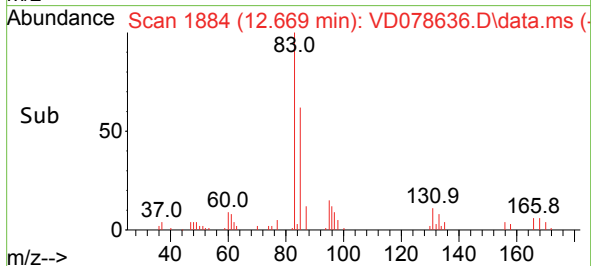
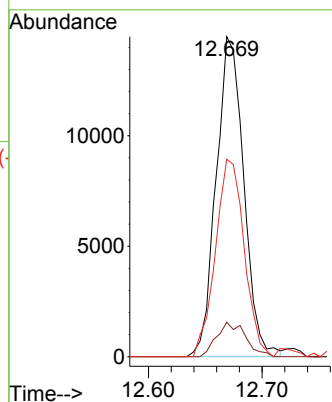
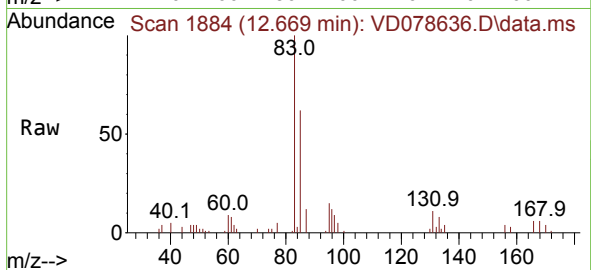
Tgt Ion: 83 Resp: 24477

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 34.226 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078636.D

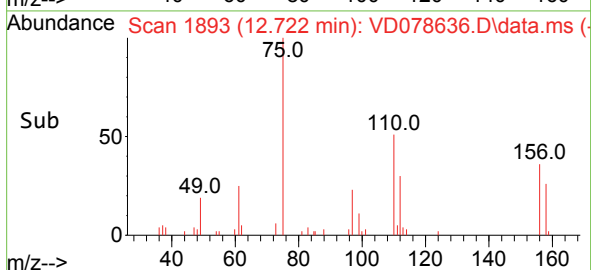
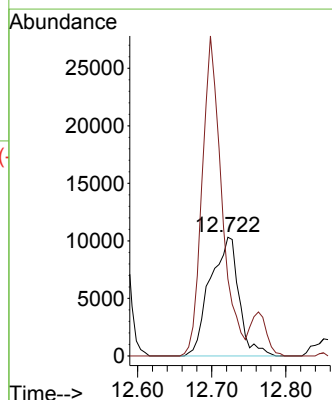
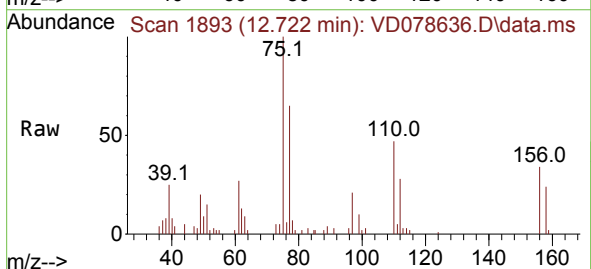
Acq: 12 Mar 2024 11:45

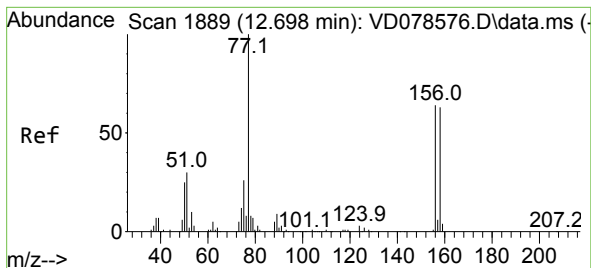
Tgt Ion: 75 Resp: 27911

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.171 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

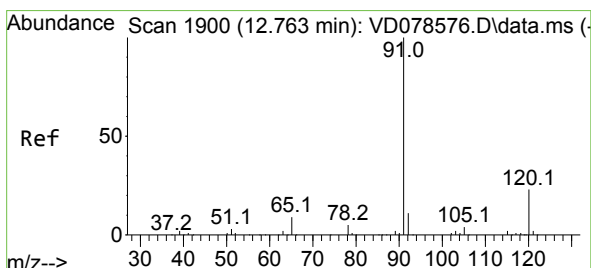
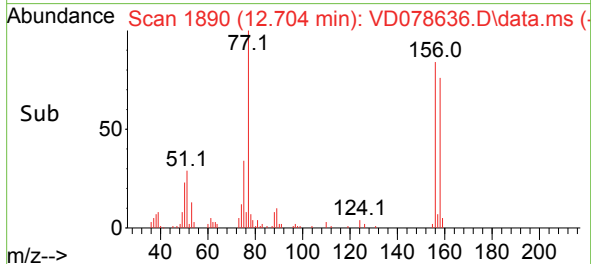
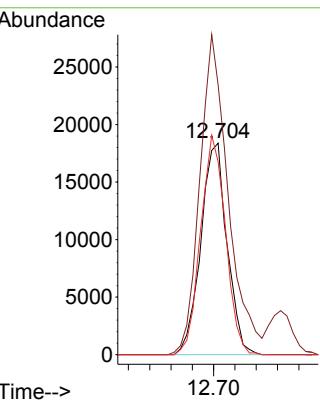
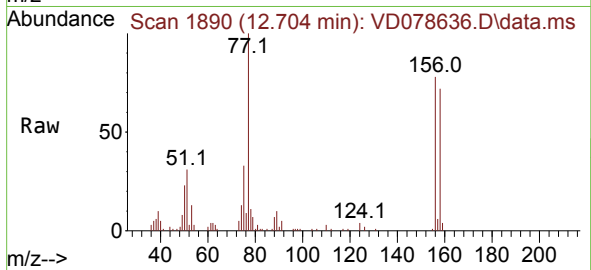
Tgt Ion:156 Resp: 31382

Ion Ratio Lower Upper

156 100

77 163.8 76.8 230.4

158 98.7 48.6 145.9



#78

n-propylbenzene

Concen: 18.545 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078636.D

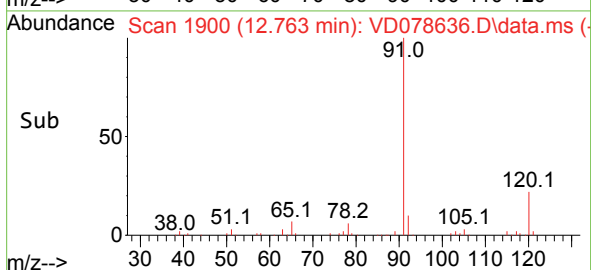
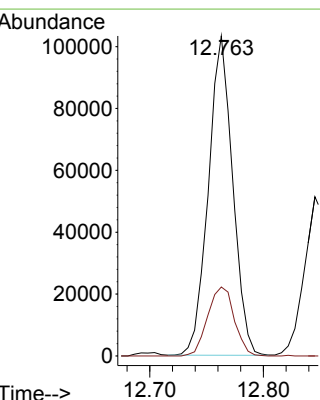
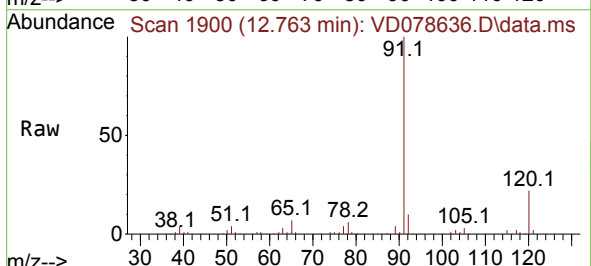
Acq: 12 Mar 2024 11:45

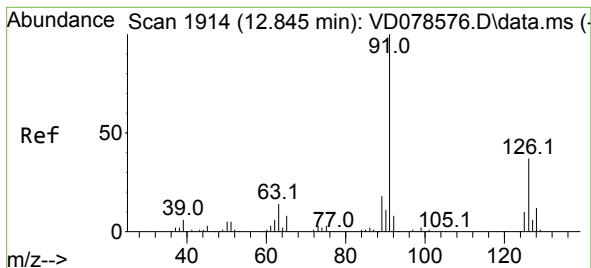
Tgt Ion: 91 Resp: 153534

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 18.940 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

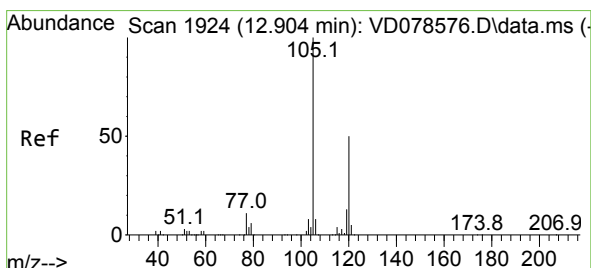
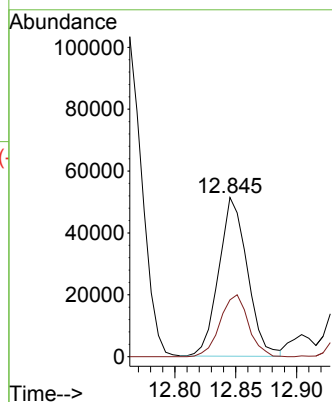
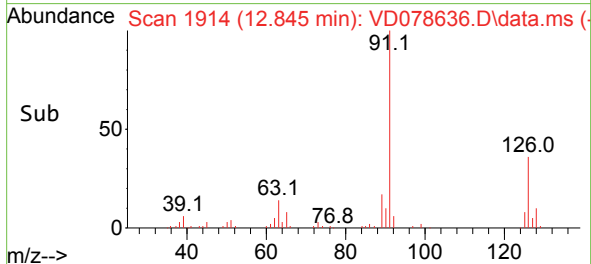
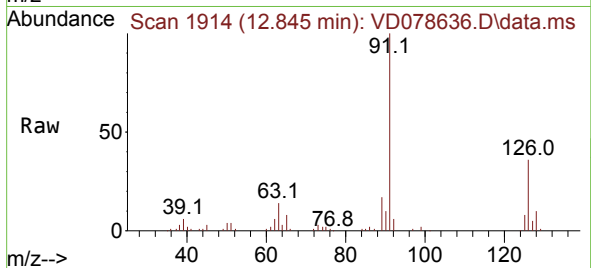
VD0312SBSD01

Tgt Ion: 91 Resp: 84147

Ion Ratio Lower Upper

91 100

126 38.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 18.995 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078636.D

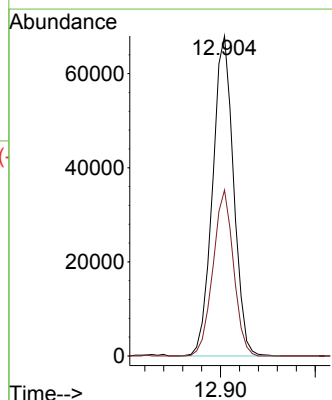
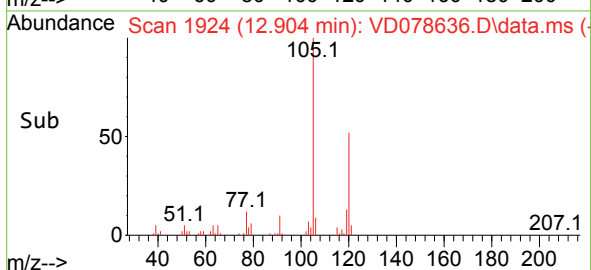
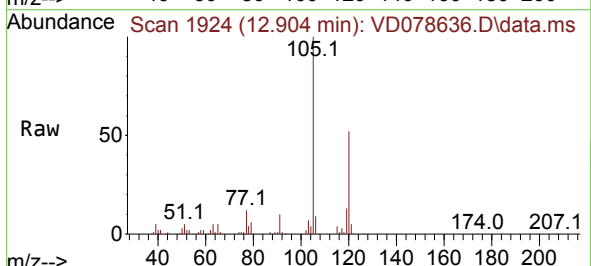
Acq: 12 Mar 2024 11:45

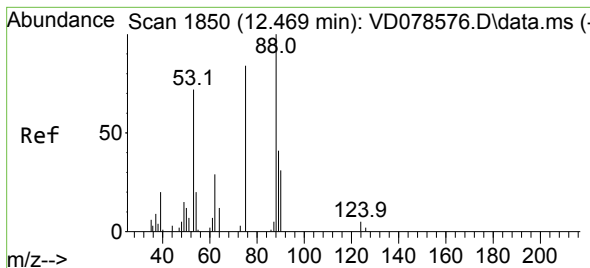
Tgt Ion: 105 Resp: 104620

Ion Ratio Lower Upper

105 100

120 50.8 26.4 79.2

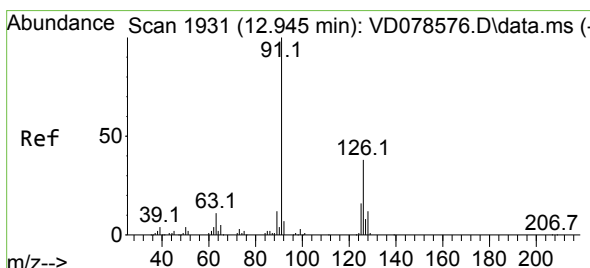
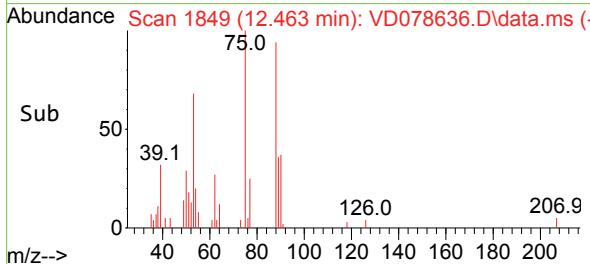
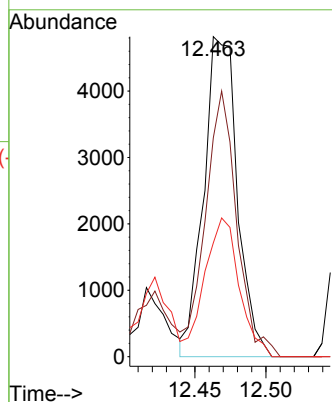
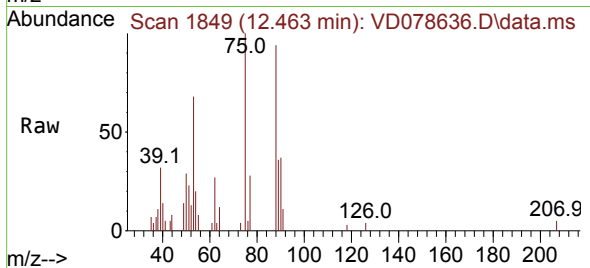




#81
trans-1,4-Dichloro-2-butene
Concen: 20.885 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

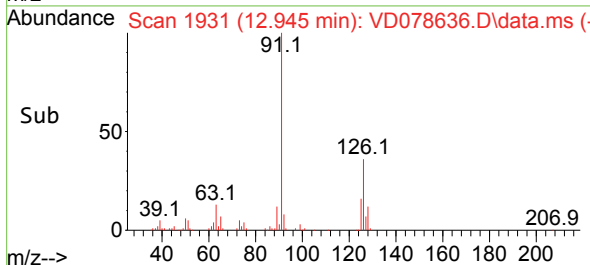
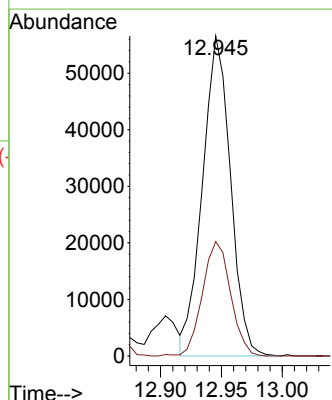
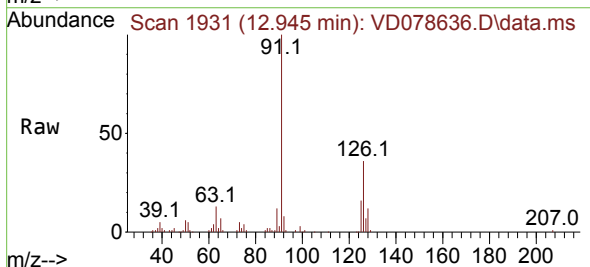
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

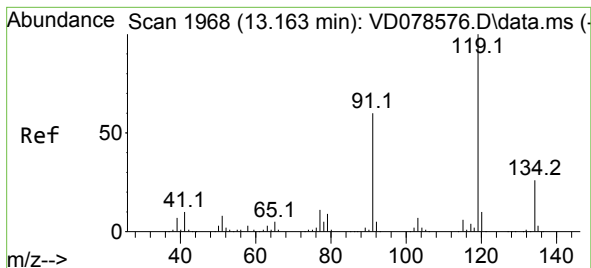
Tgt Ion:	75	Resp:	7957
Ion	Ratio	Lower	Upper
75	100		
53	77.1	63.0	94.4
89	44.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.159 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:	91	Resp:	90715
Ion	Ratio	Lower	Upper
91	100		
126	35.9	19.4	58.4





#83

tert-Butylbenzene

Concen: 19.105 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

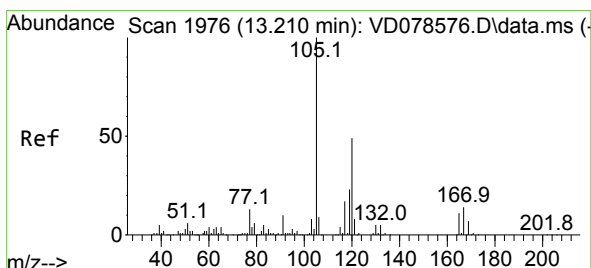
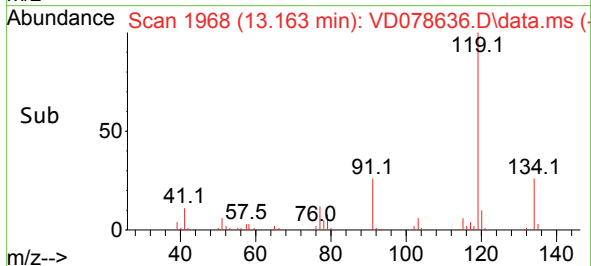
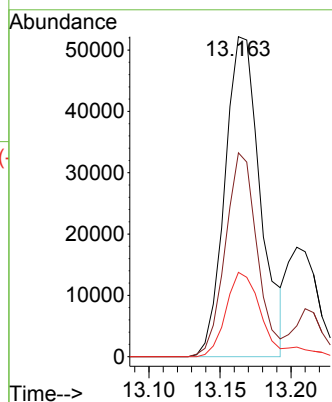
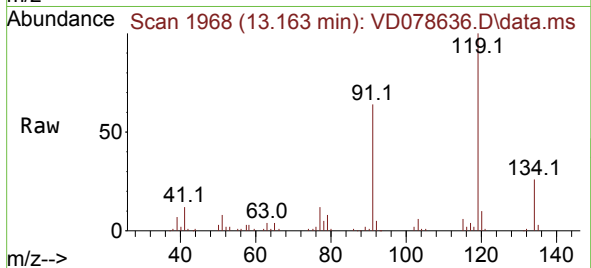
Tgt Ion:119 Resp: 90605

Ion Ratio Lower Upper

119 100

91 57.2 29.3 87.8

134 27.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.404 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078636.D

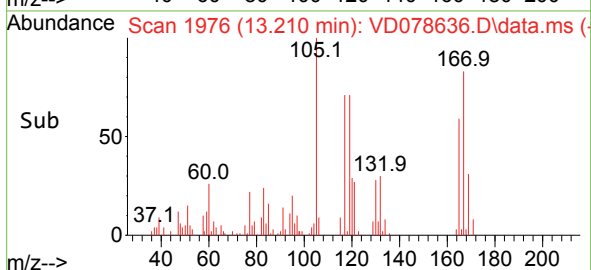
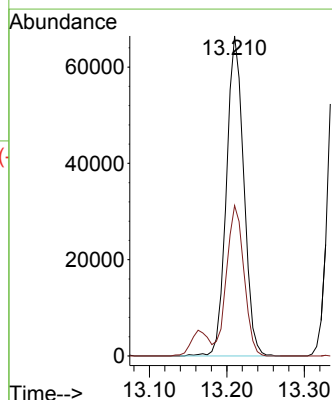
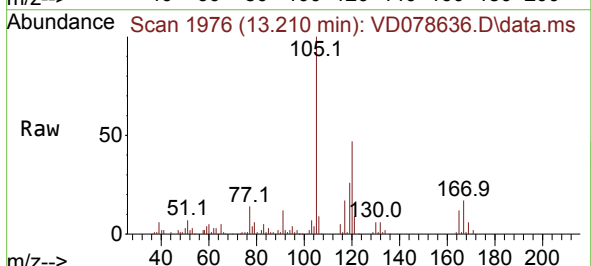
Acq: 12 Mar 2024 11:45

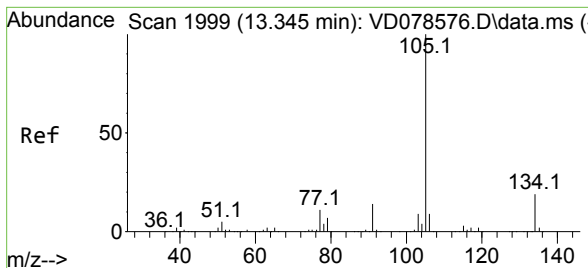
Tgt Ion:105 Resp: 103606

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9

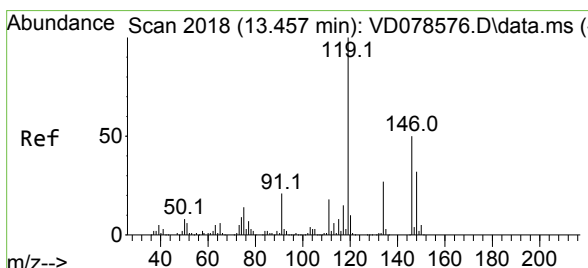
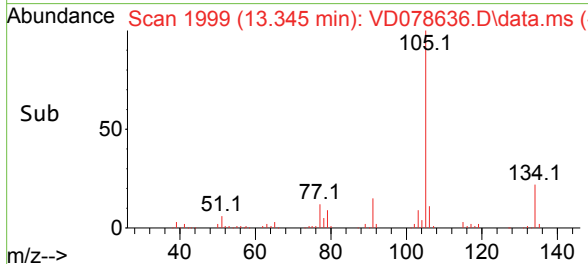
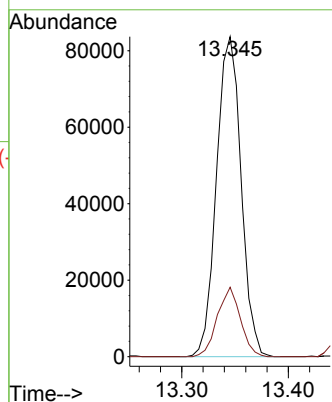
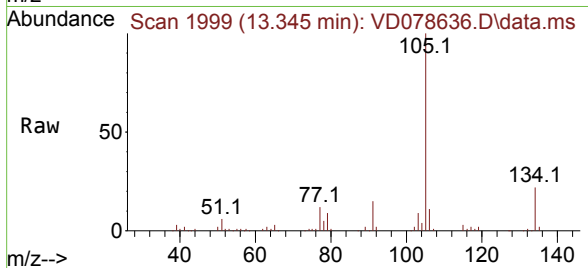




#85
 sec-Butylbenzene
 Concen: 18.102 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

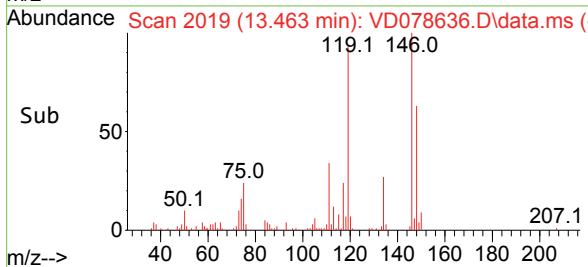
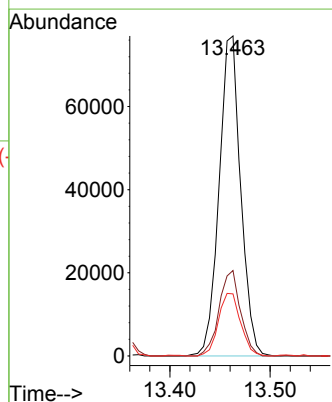
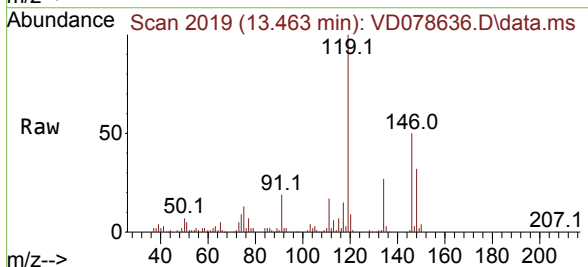
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

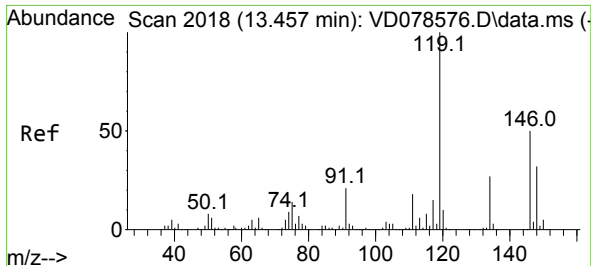
Tgt Ion:105 Resp: 133925
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.414 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion:119 Resp: 114684
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 20.1 10.5 31.5

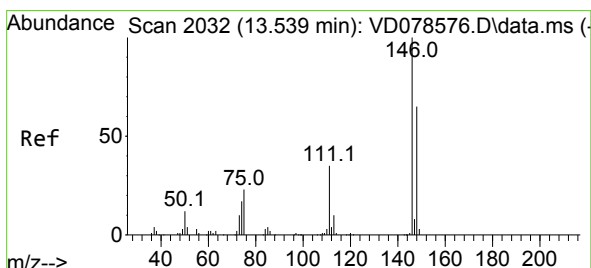
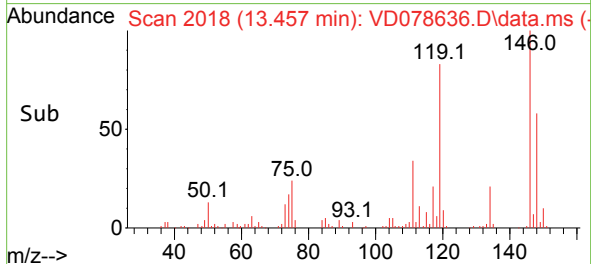
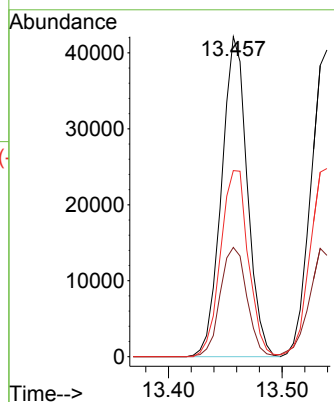
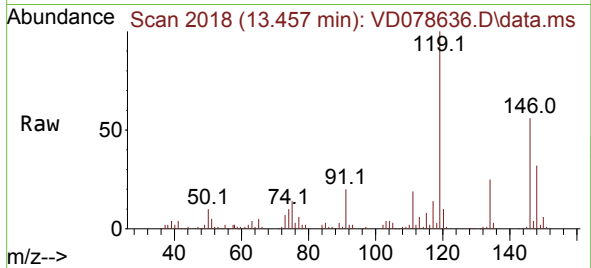




#87
 1,3-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

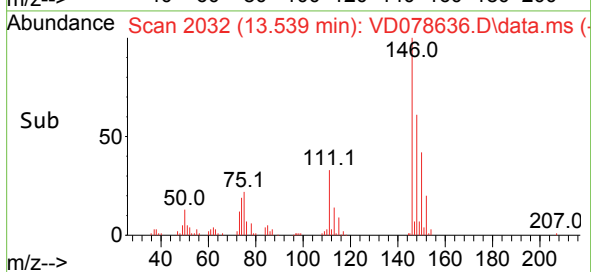
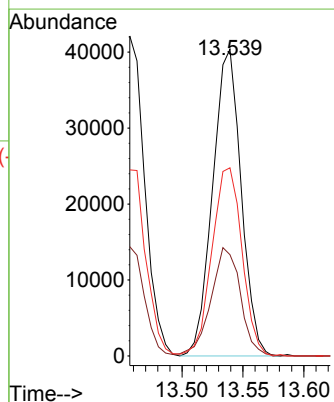
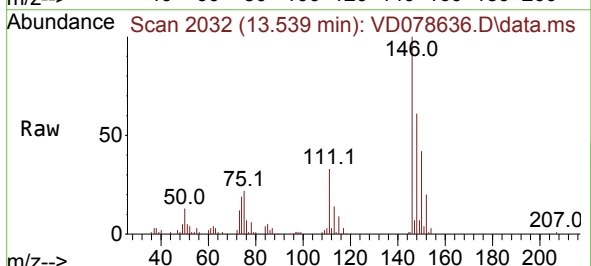
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

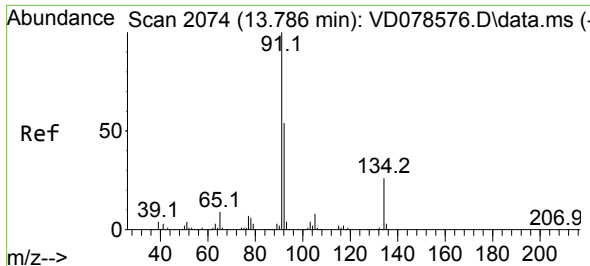
Tgt Ion:146 Resp: 66368
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.8
 148 62.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 18.757 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion:146 Resp: 65728
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.4 52.3
 148 64.9 31.7 95.1

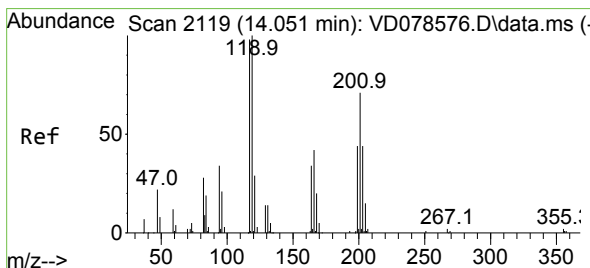
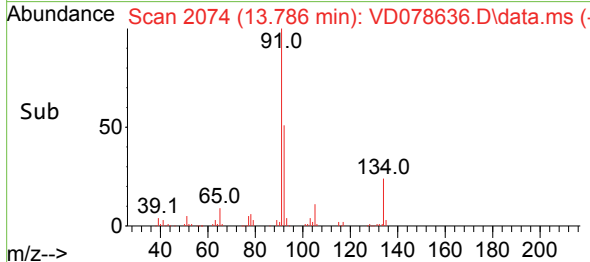
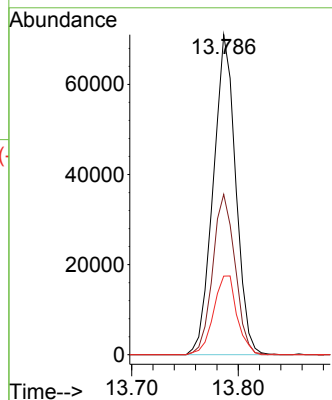
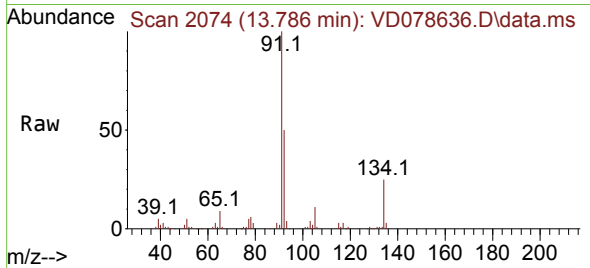




#89
n-Butylbenzene
Concen: 17.857 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

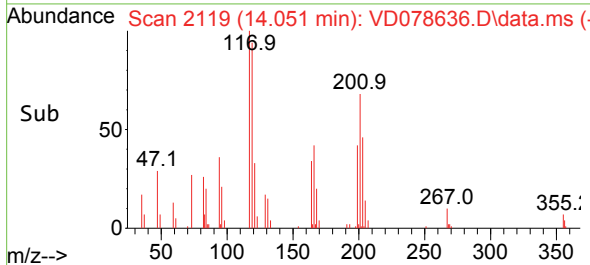
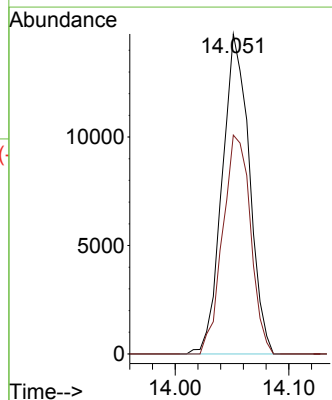
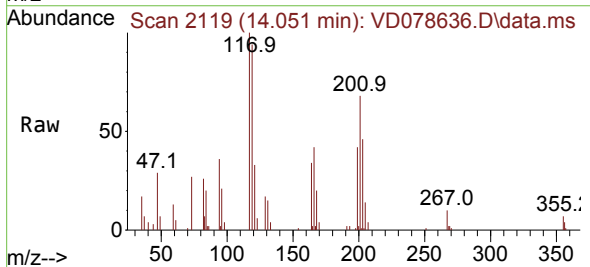
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

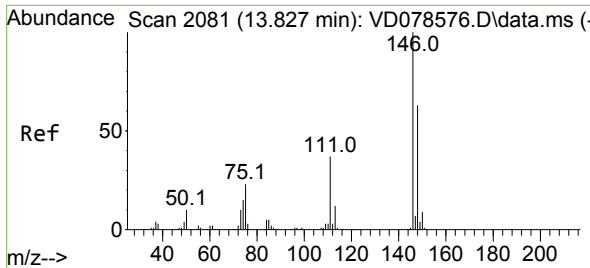
Tgt Ion: 91 Resp: 103934
Ion Ratio Lower Upper
91 100
92 49.9 26.5 79.5
134 25.8 13.8 41.3



#90
Hexachloroethane
Concen: 19.285 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion: 117 Resp: 24422
Ion Ratio Lower Upper
117 100
201 70.2 38.5 115.5

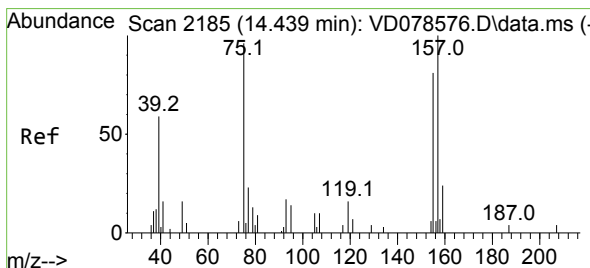
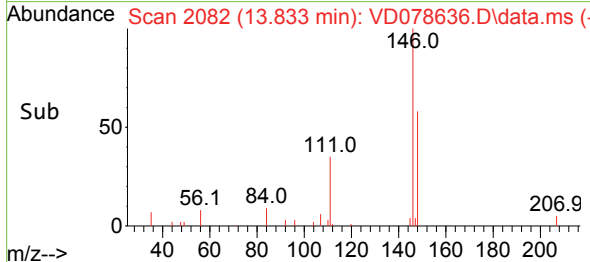
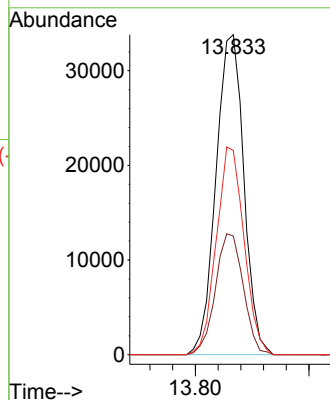
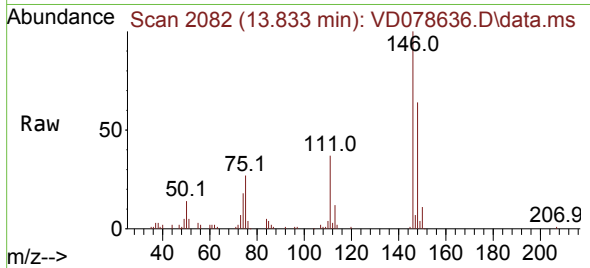




#91
 1,2-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 13.833 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

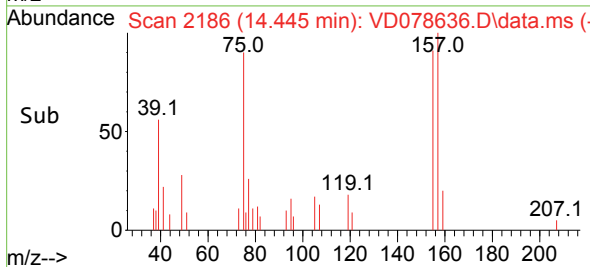
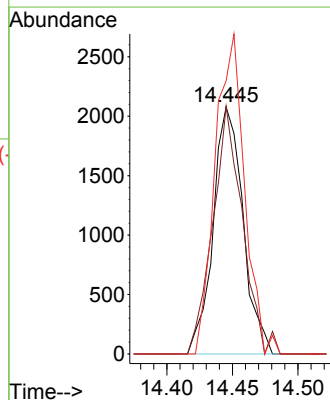
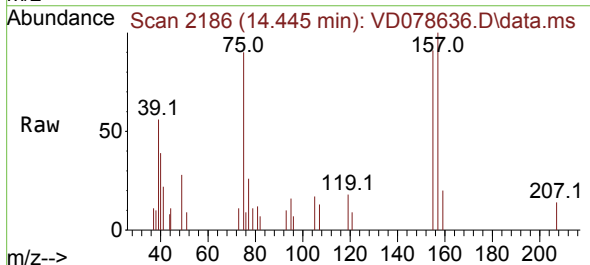
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBSD01

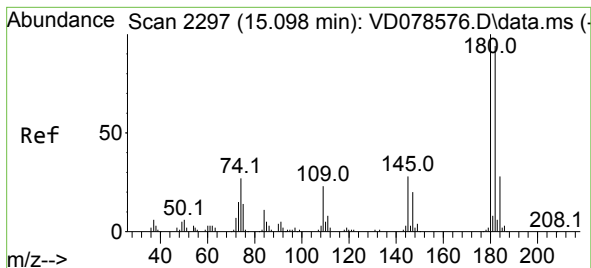
Tgt Ion:146 Resp: 57641
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.3 54.8
 148 64.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.053 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD078636.D
 Acq: 12 Mar 2024 11:45

Tgt Ion: 75 Resp: 3293
 Ion Ratio Lower Upper
 75 100
 155 99.4 47.9 143.8
 157 127.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.504 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBSD01

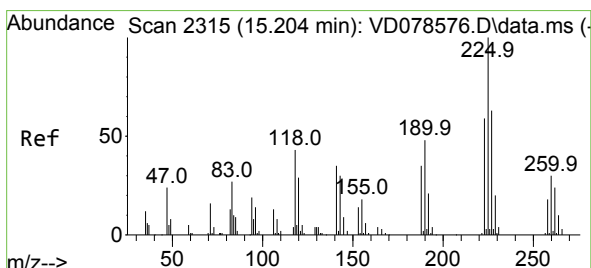
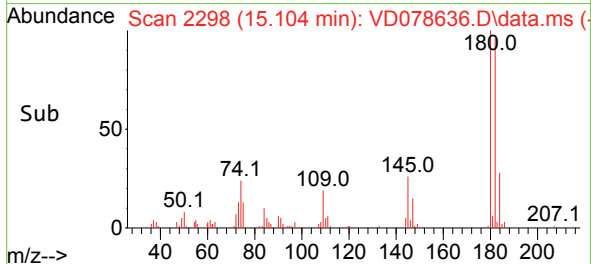
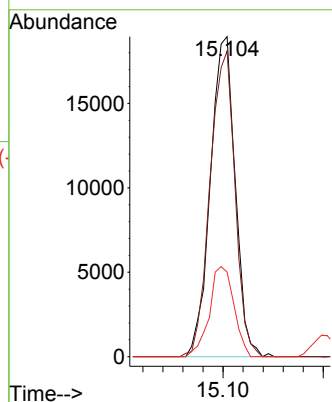
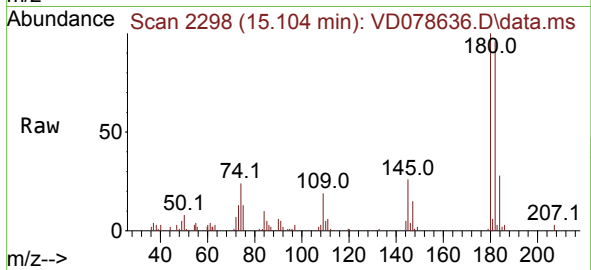
Tgt Ion:180 Resp: 32555

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.913 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078636.D

Acq: 12 Mar 2024 11:45

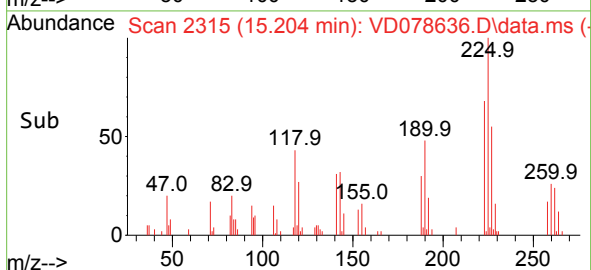
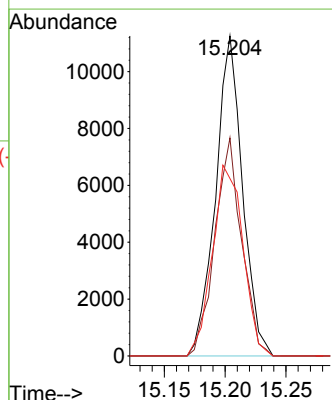
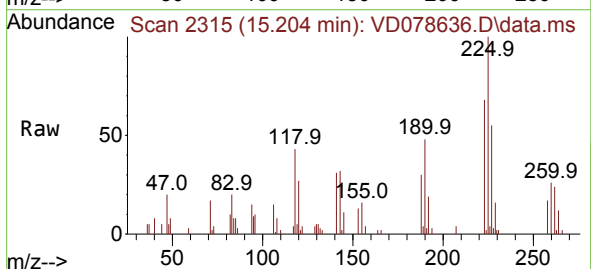
Tgt Ion:225 Resp: 17340

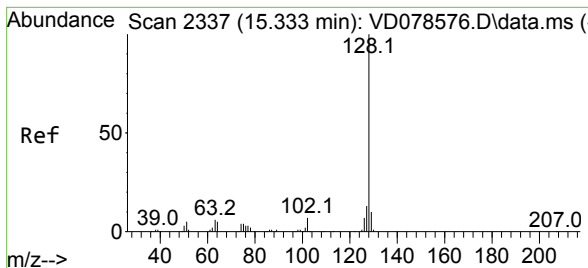
Ion Ratio Lower Upper

225 100

223 67.8 31.6 94.8

227 67.4 31.7 95.1

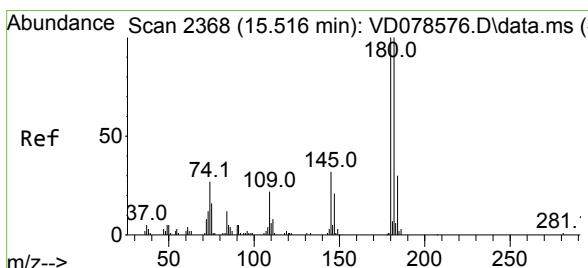
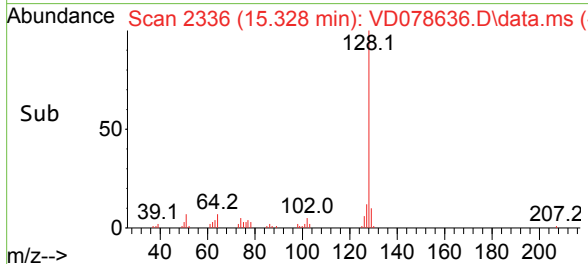
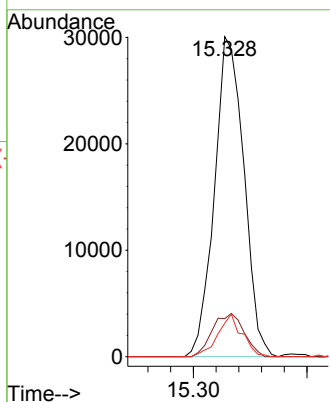
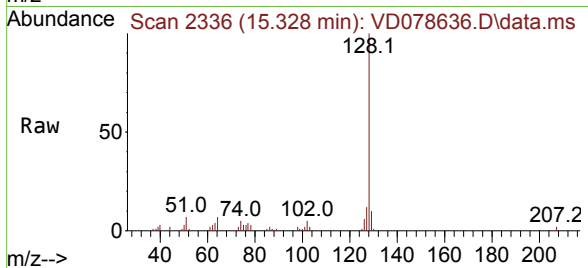




#95
Naphthalene
Concen: 17.390 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBSD01

Tgt Ion:128 Resp: 54061
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.936 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078636.D
Acq: 12 Mar 2024 11:45

Tgt Ion:180 Resp: 29587
Ion Ratio Lower Upper
180 100
182 89.4 47.3 141.9
145 29.5 15.1 45.3

