

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078626.D
 Acq On : 11 Mar 2024 12:09
 Operator : RP/MD
 Sample : VD0311SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

Quant Time: Mar 12 01:36:14 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	121551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56280	46.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.805	113	64843	47.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.269	98	248401	46.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.569	95	73697	48.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22074	20.813	ug/l	100
3) Chloromethane	2.152	50	38772	19.785	ug/l	98
4) Vinyl Chloride	2.281	62	59733	19.993	ug/l	97
5) Bromomethane	2.687	94	48519	20.333	ug/l	99
6) Chloroethane	2.834	64	49272	22.250	ug/l	99
7) Trichlorofluoromethane	3.169	101	41268	20.427	ug/l	87
8) Diethyl Ether	3.599	74	11929	21.028	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	26026	20.440	ug/l	99
10) Methyl Iodide	4.169	142	24727	18.558	ug/l #	84
11) Tert butyl alcohol	5.058	59	6131	105.880	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	24641	20.730	ug/l #	94
13) Acrolein	3.805	56	10090	84.438	ug/l	94
14) Allyl chloride	4.564	41	25845	19.090	ug/l	93
15) Acrylonitrile	5.258	53	25255	107.983	ug/l	97
16) Acetone	4.028	43	23743	102.854	ug/l	96
17) Carbon Disulfide	4.269	76	69748	17.612	ug/l	97
18) Methyl Acetate	4.569	43	10234	23.422	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	51736	21.406	ug/l #	90
20) Methylene Chloride	4.799	84	36314	15.641	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	28494	19.950	ug/l	92
22) Diisopropyl ether	6.210	45	66112	21.780	ug/l #	88
23) Vinyl Acetate	6.158	43	159942	88.718	ug/l	96
24) 1,1-Dichloroethane	6.111	63	49639	21.646	ug/l	97
25) 2-Butanone	7.087	43	31069	106.698	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	40790	21.055	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	31778	20.320	ug/l	95
28) Bromochloromethane	7.422	49	19436	22.686	ug/l	91
29) Tetrahydrofuran	7.452	42	16233	100.344	ug/l	96
30) Chloroform	7.599	83	52669	21.271	ug/l	100
31) Cyclohexane	7.875	56	33436	17.729	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	43991	20.710	ug/l	96
36) 1,1-Dichloropropene	8.005	75	36855	19.486	ug/l	99
37) Ethyl Acetate	7.163	43	13267	21.648	ug/l #	92
38) Carbon Tetrachloride	7.993	117	40344	20.394	ug/l	97
39) Methylcyclohexane	9.275	83	39646	17.859	ug/l	99
40) Benzene	8.252	78	115775	20.651	ug/l	97

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 ClientSampleId :
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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)
41) Methacrylonitrile	7.399	41	5427	16.522	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	29666	20.859	ug/l	98
43) Isopropyl Acetate	8.357	43	24887	21.182	ug/l	91
44) Trichloroethene	9.028	130	31953	20.770	ug/l	91
45) 1,2-Dichloropropane	9.304	63	27606	20.499	ug/l	99
46) Dibromomethane	9.399	93	17212	22.170	ug/l	91
47) Bromodichloromethane	9.581	83	41608	21.736	ug/l	94
48) Methyl methacrylate	9.381	41	11374	21.371	ug/l	82
49) 1,4-Dioxane	9.381	88	3094	412.259	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	63586	104.853	ug/l	93
52) Toluene	10.334	92	74299	20.655	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	35985	20.320	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	44974	21.211	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	23088	21.120	ug/l	95
56) Ethyl methacrylate	10.599	69	22579	20.607	ug/l #	91
57) 1,3-Dichloropropane	10.875	76	37523	21.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	53307	121.326	ug/l	98
59) 2-Hexanone	10.922	43	49890	110.915	ug/l	88
60) Dibromochloromethane	11.075	129	27563	20.881	ug/l	90
61) 1,2-Dibromoethane	11.181	107	21659	21.588	ug/l	98
64) Tetrachloroethene	10.804	164	25938	20.534	ug/l	94
65) Chlorobenzene	11.610	112	80752	20.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	30715	20.869	ug/l	98
67) Ethyl Benzene	11.681	91	134347	19.612	ug/l	95
68) m/p-Xylenes	11.793	106	110866	40.004	ug/l	97
69) o-Xylene	12.122	106	51003	20.287	ug/l	99
70) Styrene	12.134	104	87853	20.160	ug/l	97
71) Bromoform	12.298	173	15909	20.318	ug/l #	96
73) Isopropylbenzene	12.422	105	130992	19.655	ug/l	96
74) N-amyl acetate	12.234	43	22605	20.152	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26079	20.426	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	29764	37.067	ug/l #	100
77) Bromobenzene	12.698	156	33882	21.021	ug/l	94
78) n-propylbenzene	12.763	91	161598	19.823	ug/l	98
79) 2-Chlorotoluene	12.845	91	87717	20.052	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	109167	20.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	7364	19.630	ug/l	96
82) 4-Chlorotoluene	12.945	91	93944	20.151	ug/l	97
83) tert-Butylbenzene	13.163	119	92708	19.854	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110331	19.904	ug/l	99
85) sec-Butylbenzene	13.345	105	143634	19.717	ug/l	98
86) p-Isopropyltoluene	13.457	119	119883	19.549	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72902	21.168	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70823	20.526	ug/l	97
89) n-Butylbenzene	13.787	91	111919	19.529	ug/l	98
90) Hexachloroethane	14.051	117	27048	21.691	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	60306	20.615	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3490	20.508	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	35069	20.244	ug/l	97
94) Hexachlorobutadiene	15.204	225	17605	18.471	ug/l	92
95) Naphthalene	15.328	128	57927	18.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30137	19.589	ug/l	96

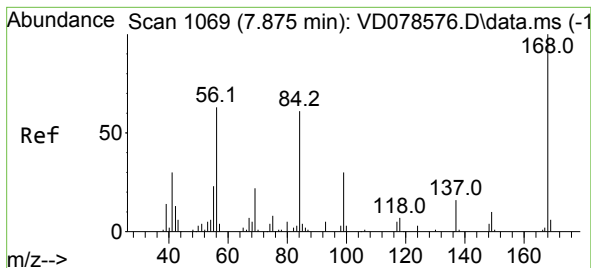
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078626.D
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Operator : RP/MD
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

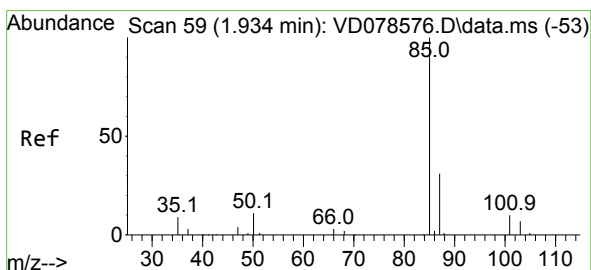
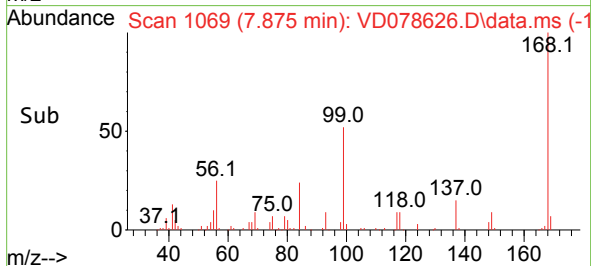
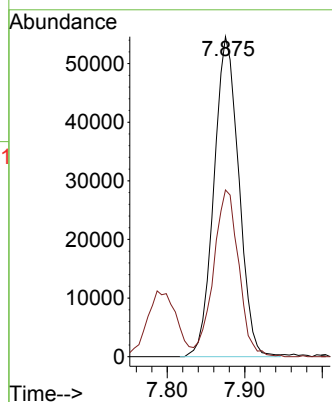
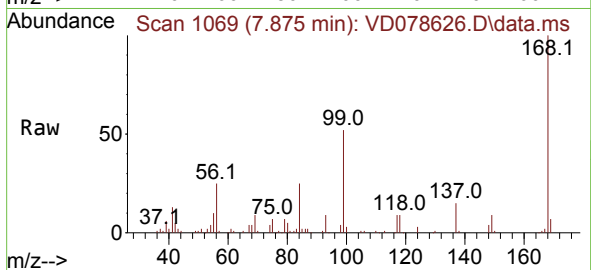
VD0311SBS01

Tgt Ion:168 Resp: 121551

Ion Ratio Lower Upper

168 100

99 51.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.813 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078626.D

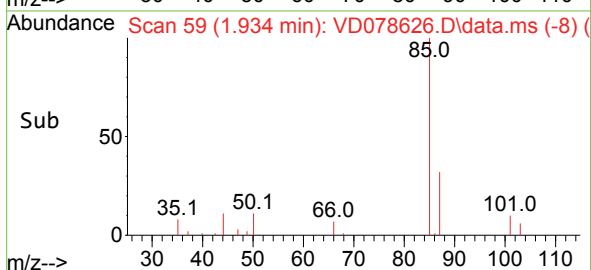
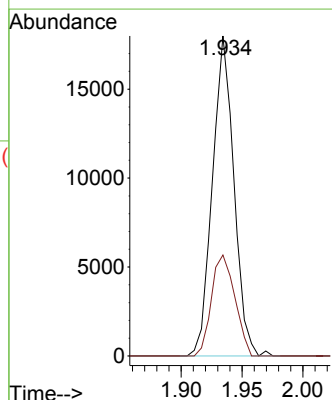
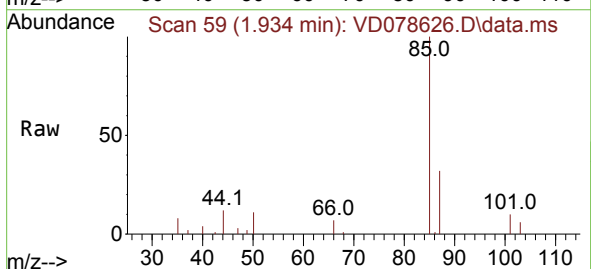
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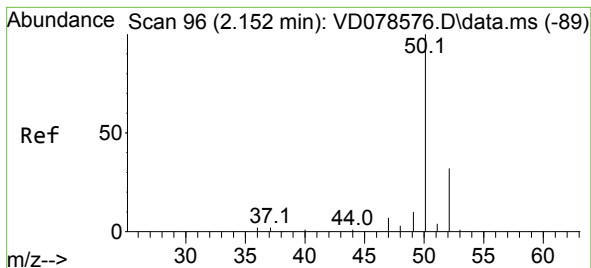
Tgt Ion: 85 Resp: 22074

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.0





#3

Chloromethane

Concen: 19.785 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

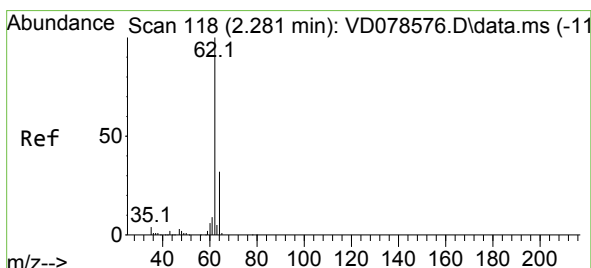
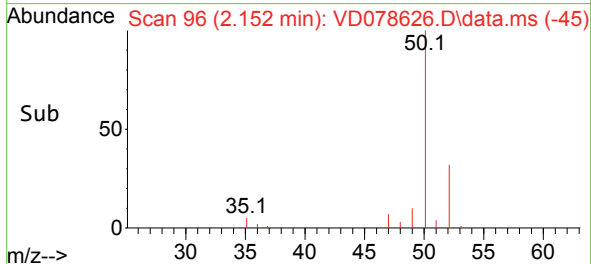
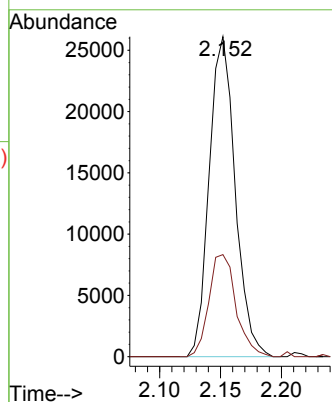
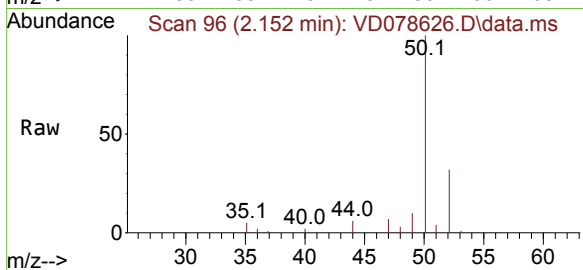
VD0311SBS01

Tgt Ion: 50 Resp: 38772

Ion Ratio Lower Upper

50 100

52 31.9 26.6 40.0



#4

Vinyl Chloride

Concen: 19.993 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD078626.D

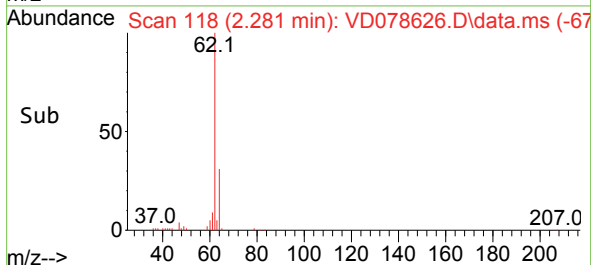
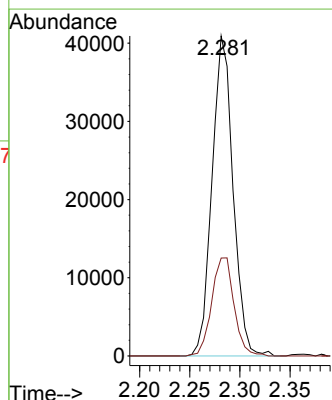
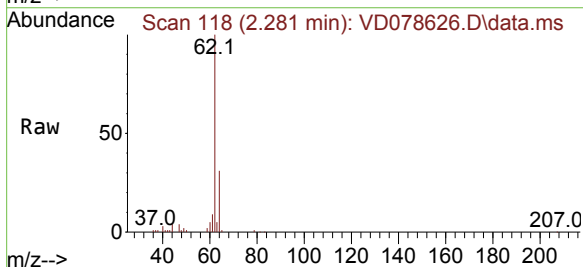
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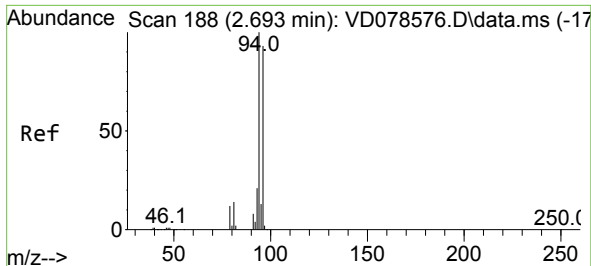
Tgt Ion: 62 Resp: 59733

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0

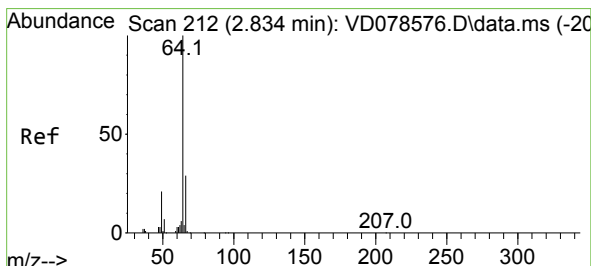
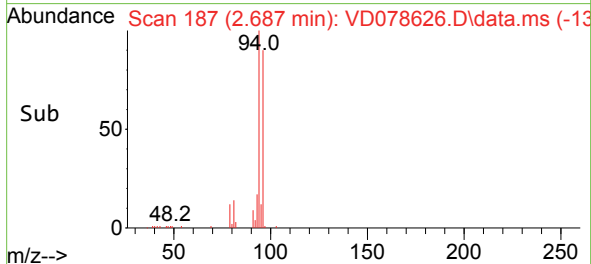
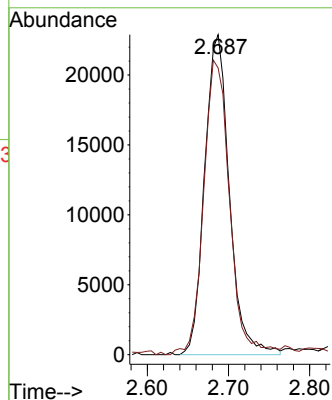
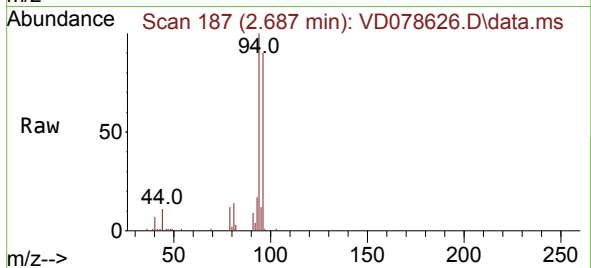




#5
Bromomethane
Concen: 20.333 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

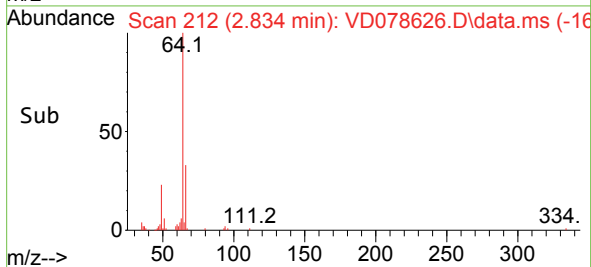
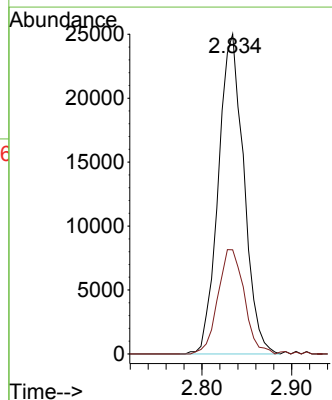
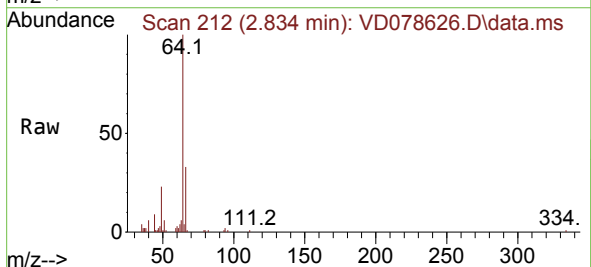
Instrument :
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VD0311SBS01

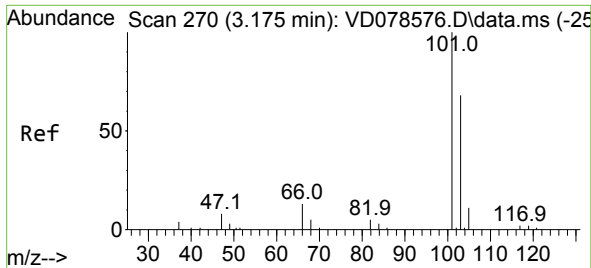
Tgt Ion: 94 Resp: 48519
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8



#6
Chloroethane
Concen: 22.250 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 64 Resp: 49272
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

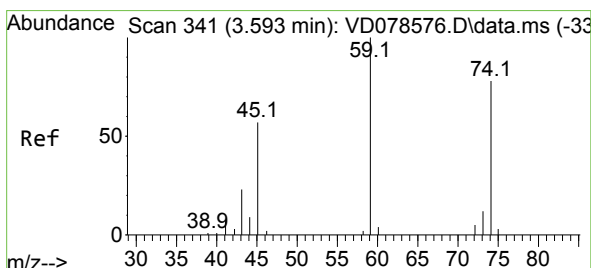
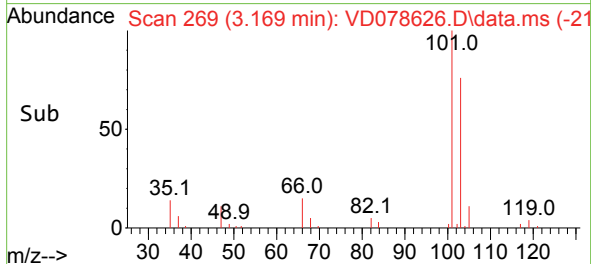
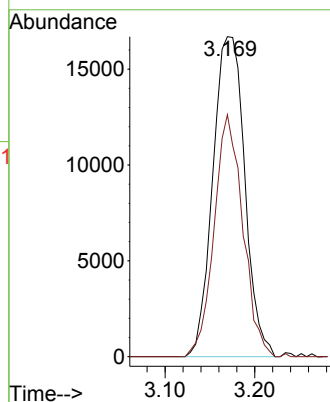
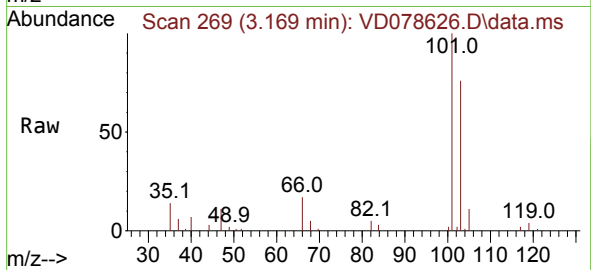




#7
 Trichlorofluoromethane
 Concen: 20.427 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

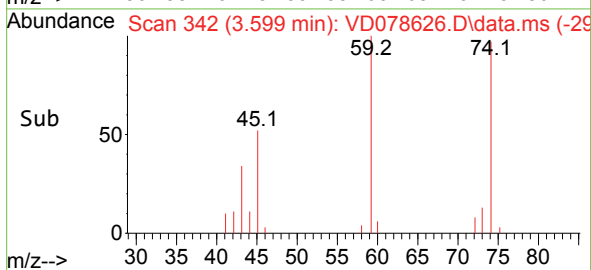
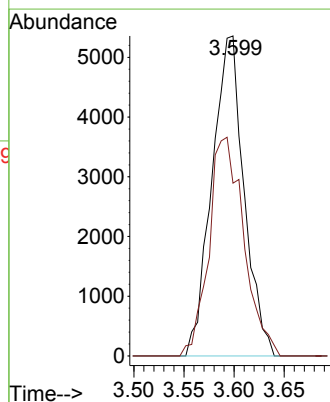
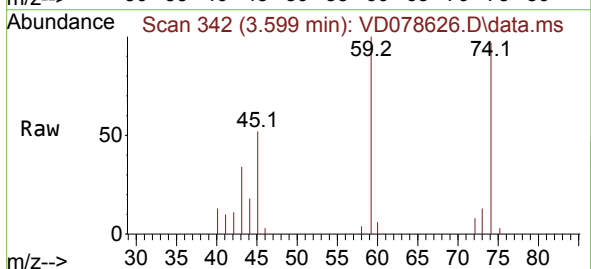
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

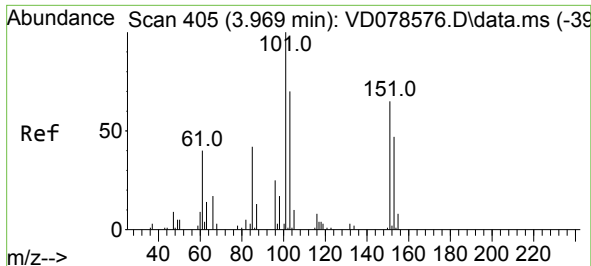
Tgt Ion:101 Resp: 41268
 Ion Ratio Lower Upper
 101 100
 103 75.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.028 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

Tgt Ion: 74 Resp: 11929
 Ion Ratio Lower Upper
 74 100
 45 74.2 37.5 112.7

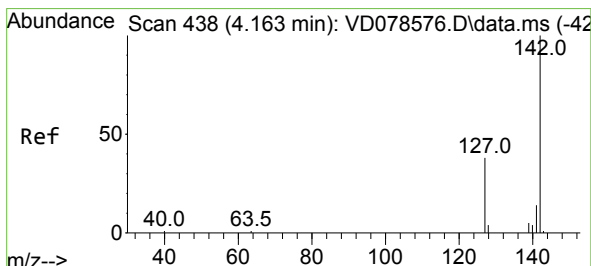
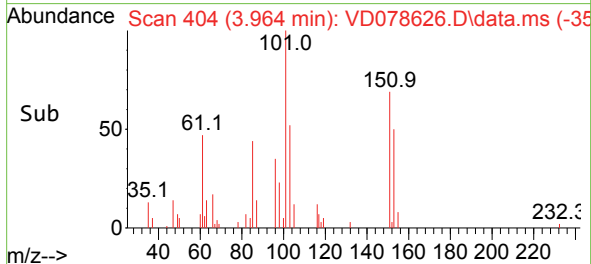
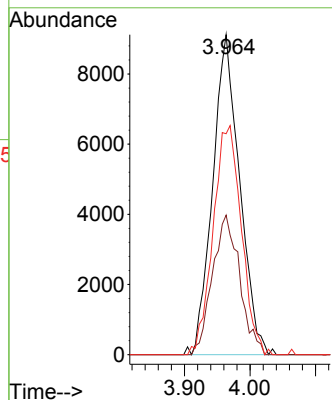
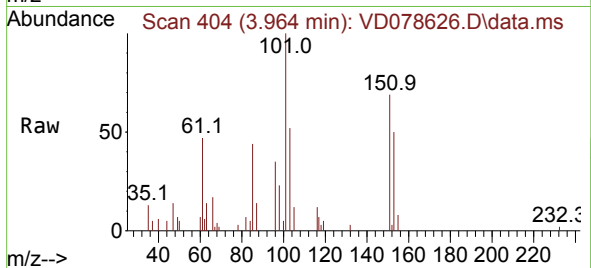




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.440 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

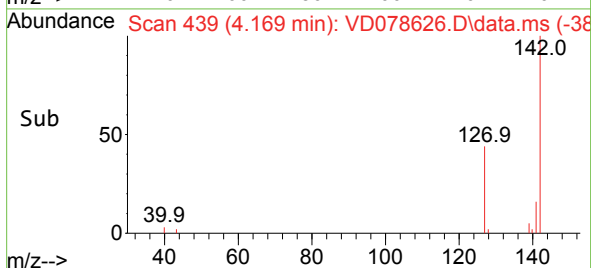
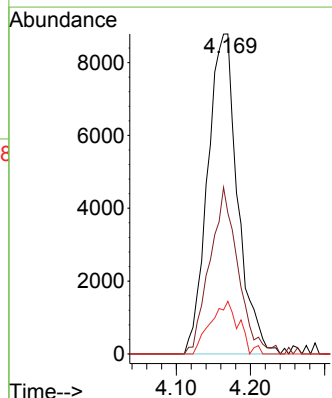
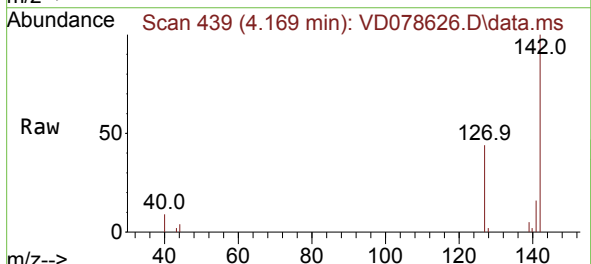
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

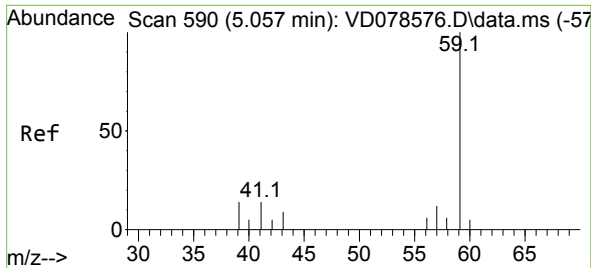
Tgt Ion:	101	Resp:	26026
Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.8	50.6
151	75.1	59.8	89.6



#10
Methyl Iodide
Concen: 18.558 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:	142	Resp:	24727
Ion	Ratio	Lower	Upper
142	100		
127	49.1	29.4	44.0#
141	15.6	11.1	16.7

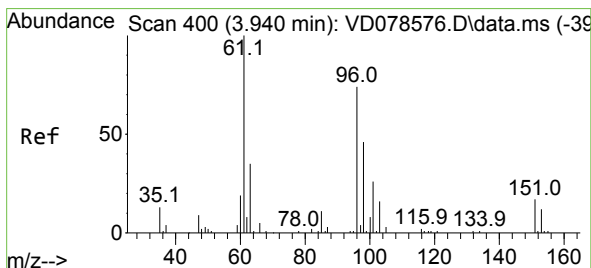
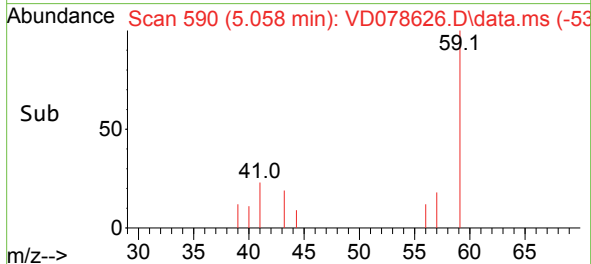
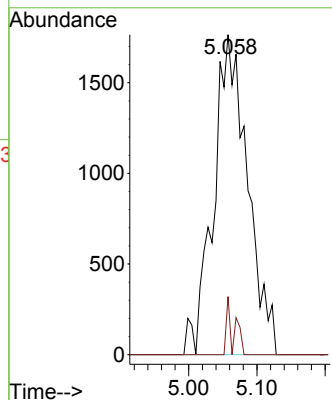
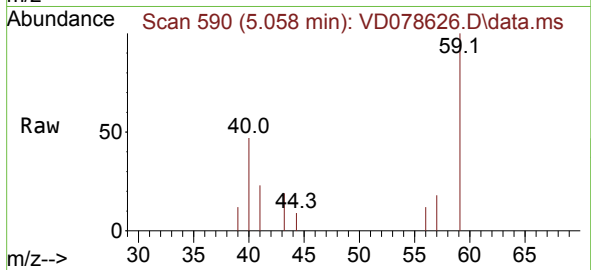




#11
Tert butyl alcohol
Concen: 105.880 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.001 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

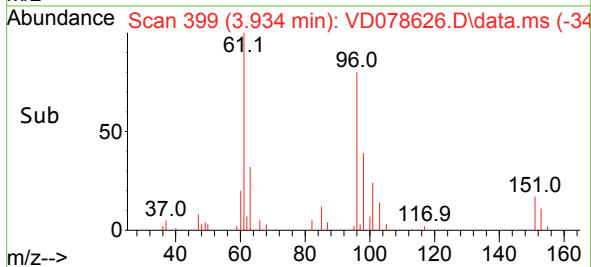
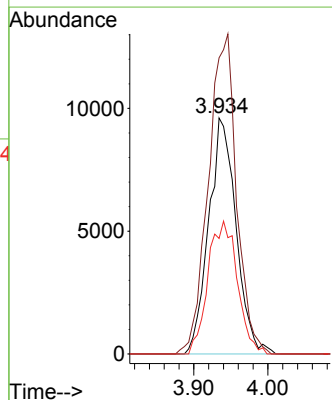
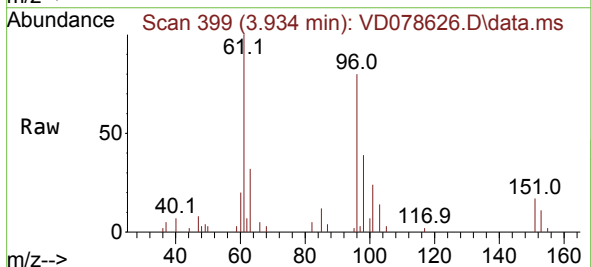
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

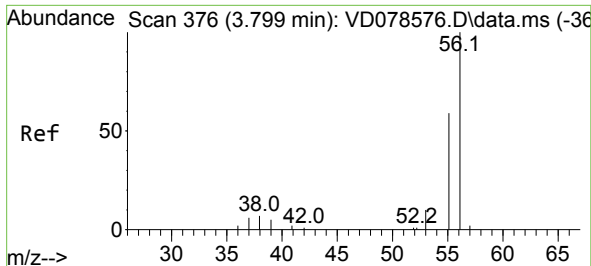
Tgt Ion: 59 Resp: 6131
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.730 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 96 Resp: 24641
Ion Ratio Lower Upper
96 100
61 125.5 100.6 150.8
98 49.0 50.2 75.2#





#13

Acrolein

Concen: 84.438 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

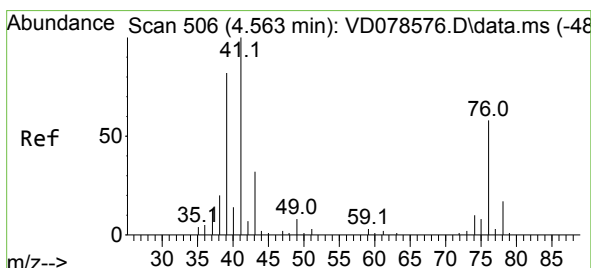
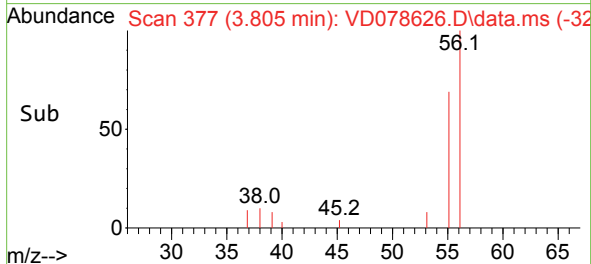
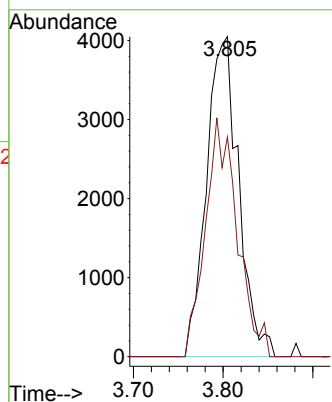
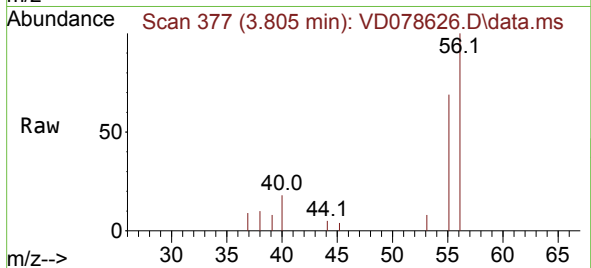
VD0311SBS01

Tgt Ion: 56 Resp: 10090

Ion Ratio Lower Upper

56 100

55 73.7 55.1 82.7



#14

Allyl chloride

Concen: 19.090 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

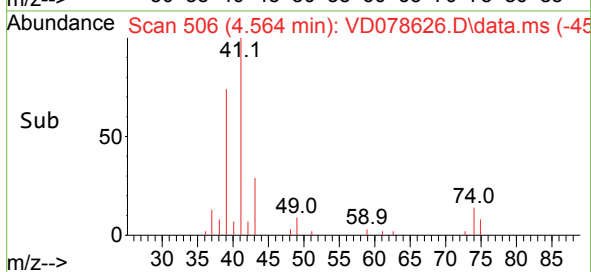
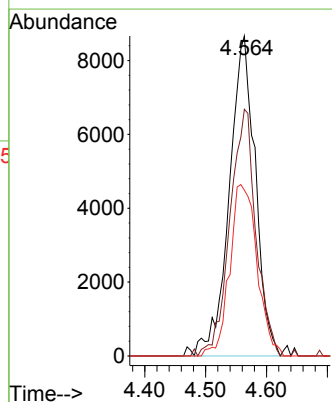
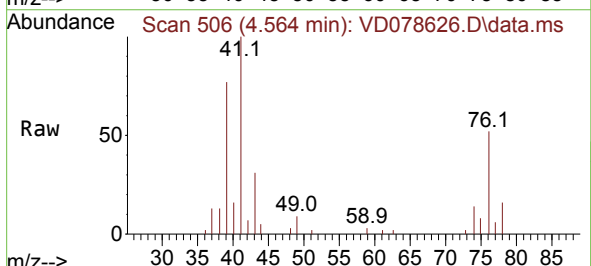
Tgt Ion: 41 Resp: 25845

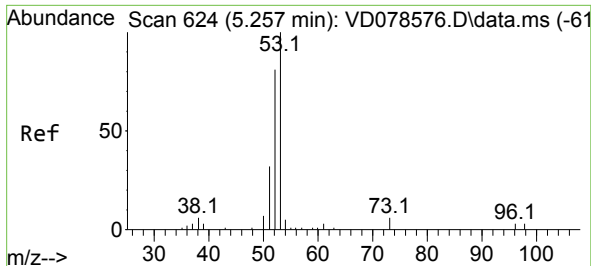
Ion Ratio Lower Upper

41 100

39 77.2 53.8 80.6

76 56.1 45.8 68.8

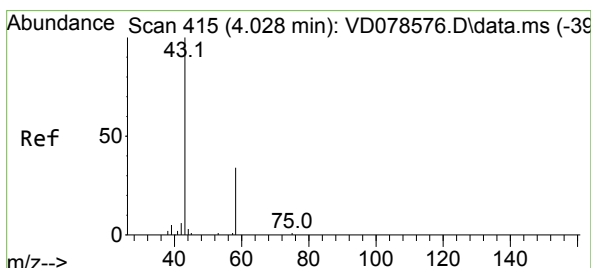
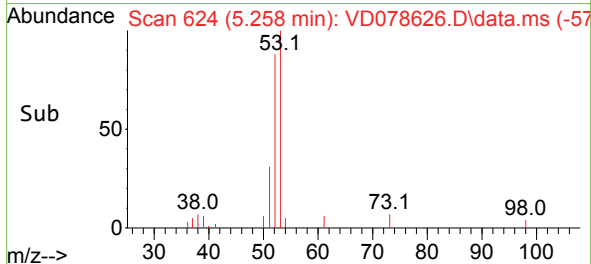
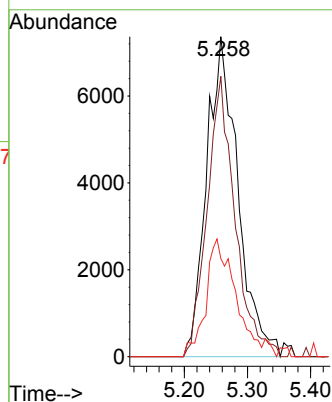
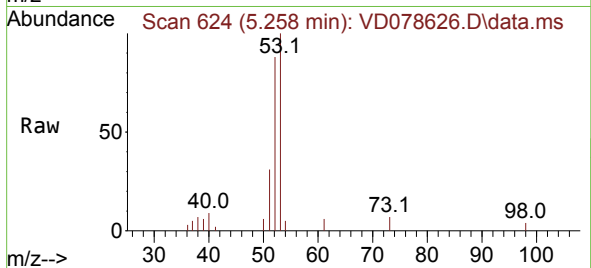




#15
Acrylonitrile
Concen: 107.983 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

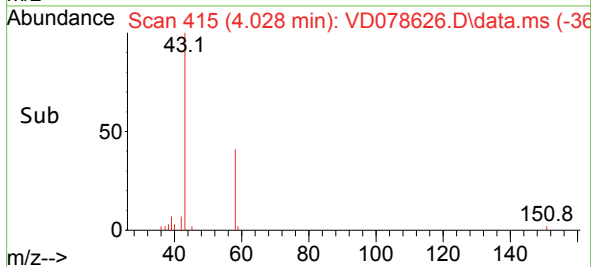
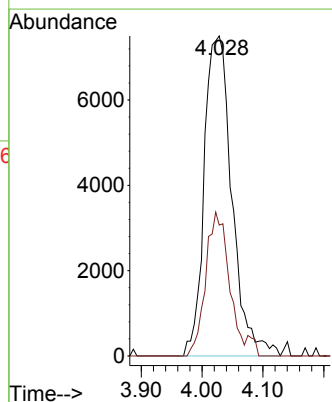
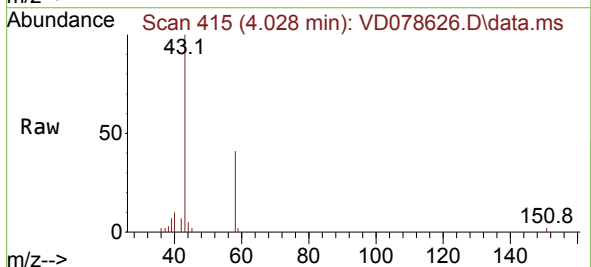
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

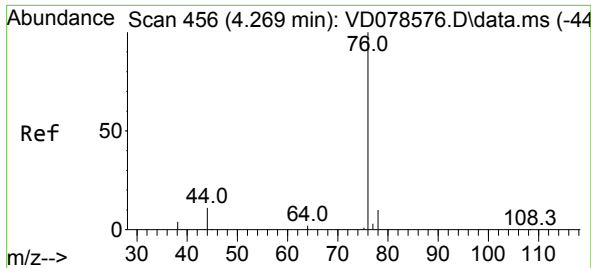
Tgt Ion:	53	Resp:	25255
Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.0	97.4
51	34.6	28.3	42.5



#16
Acetone
Concen: 102.854 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:	43	Resp:	23743
Ion	Ratio	Lower	Upper
43	100		
58	40.9	34.7	52.1

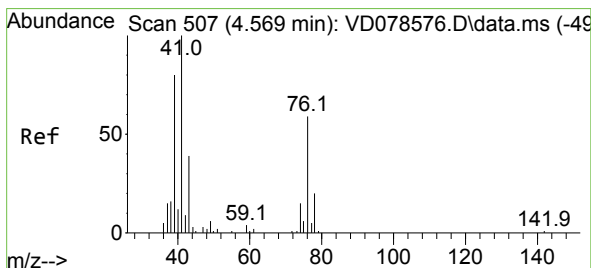
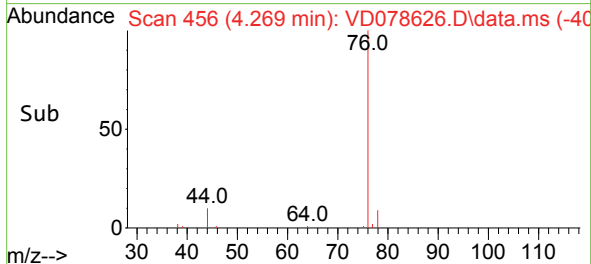
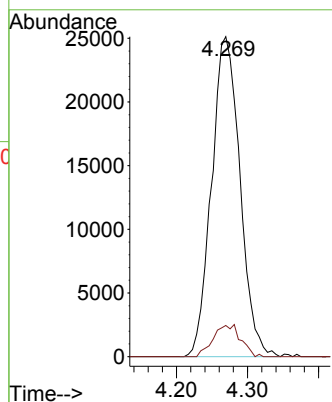
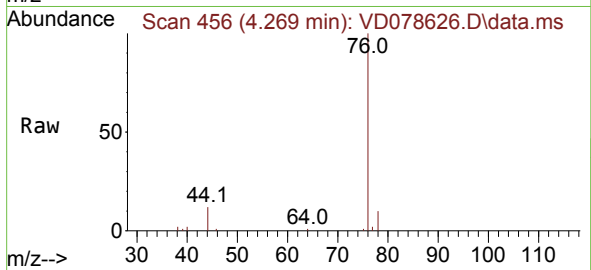




#17
Carbon Disulfide
Concen: 17.612 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

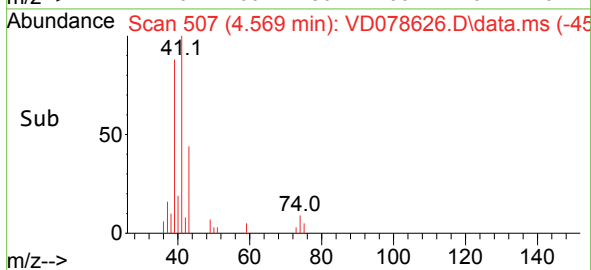
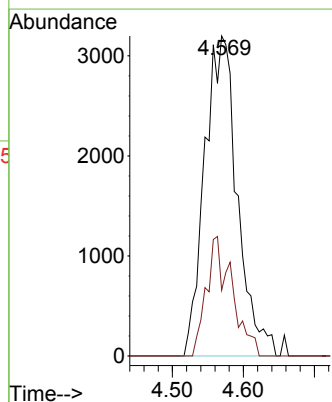
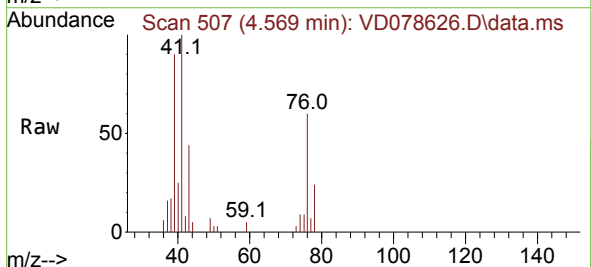
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

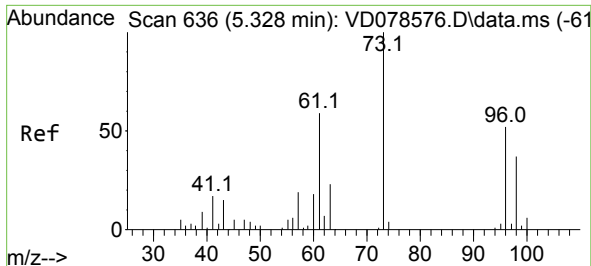
Tgt Ion: 76 Resp: 69748
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 23.422 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 43 Resp: 10234
Ion Ratio Lower Upper
43 100
74 29.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.406 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

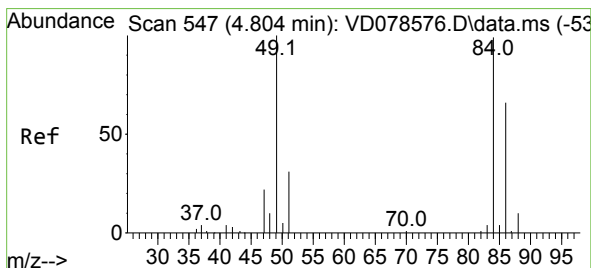
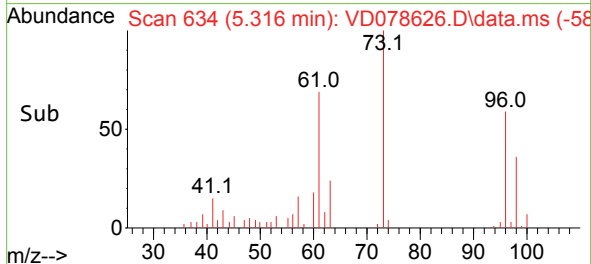
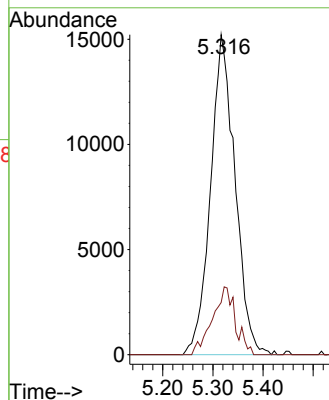
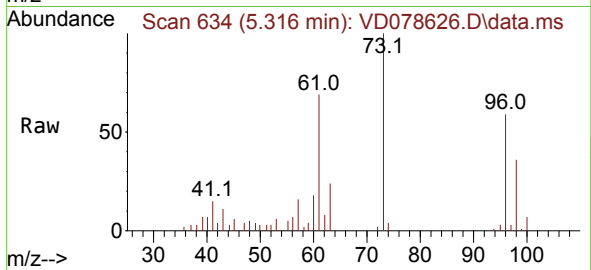
VD0311SBS01

Tgt Ion: 73 Resp: 51736

Ion Ratio Lower Upper

73 100

57 16.3 16.6 25.0#



#20

Methylene Chloride

Concen: 15.641 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Tgt Ion: 84 Resp: 36314

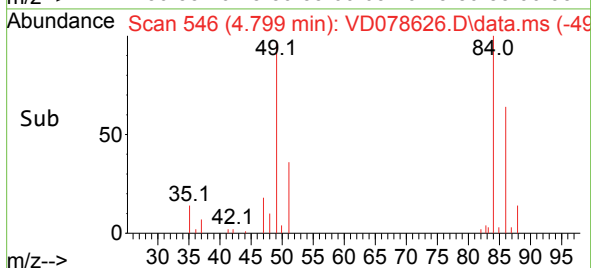
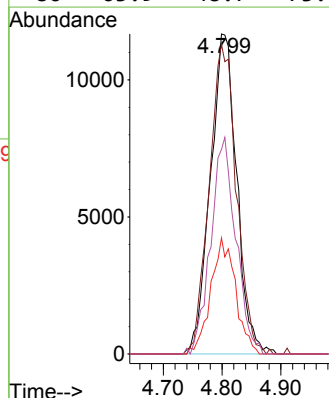
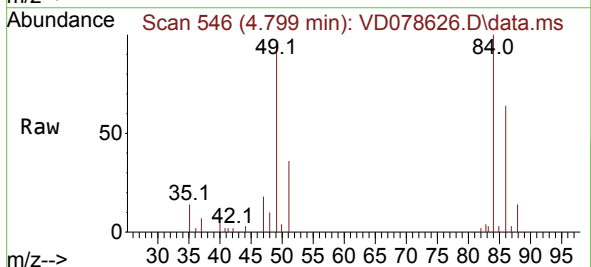
Ion Ratio Lower Upper

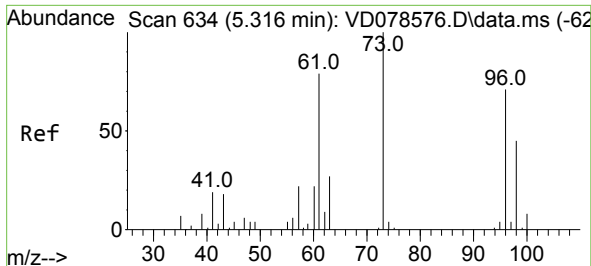
84 100

49 96.7 71.4 107.2

51 36.3 24.5 36.7

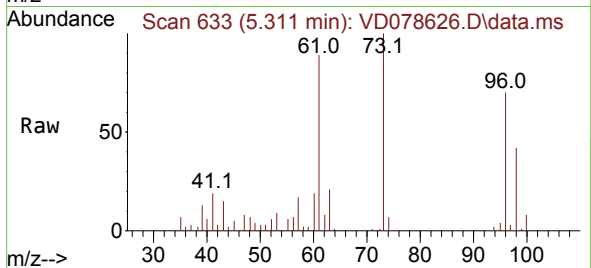
86 63.9 48.7 73.1



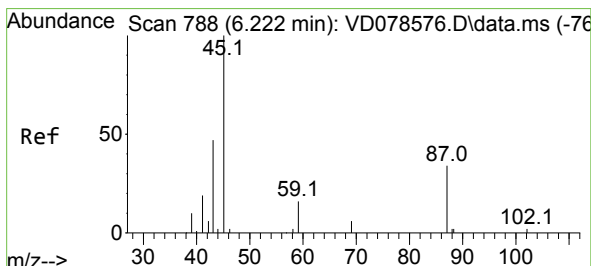
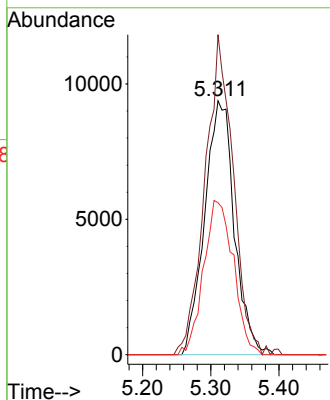
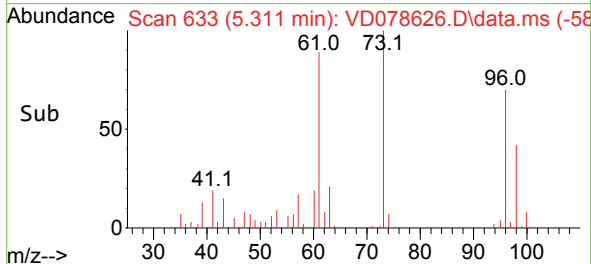


#21
trans-1,2-Dichloroethene
Concen: 19.950 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

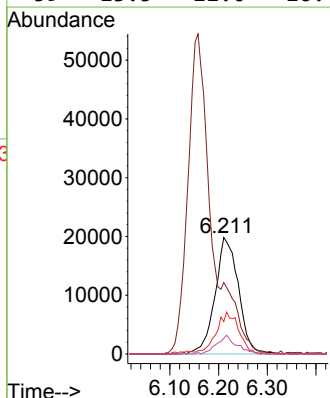
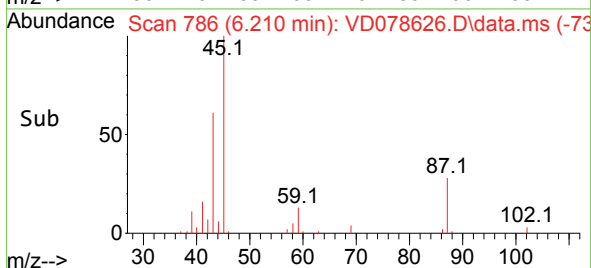
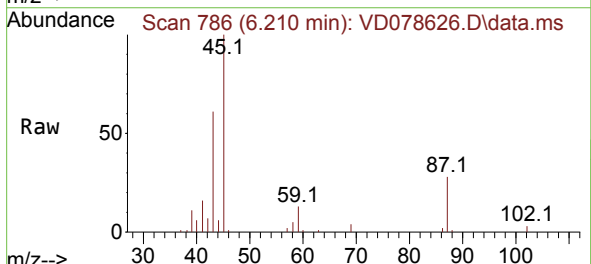


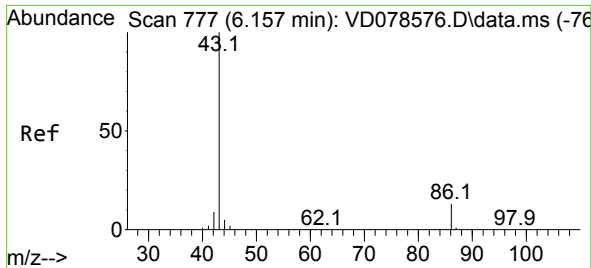
Tgt Ion:	96	Resp:	28494
Ion	Ratio	Lower	Upper
96	100		
61	123.8	89.3	133.9
98	59.9	48.6	73.0



#22
Diisopropyl ether
Concen: 21.780 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.011 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:	45	Resp:	66112
Ion	Ratio	Lower	Upper
45	100		
43	60.2	40.0	60.0#
87	28.0	28.2	42.4#
59	13.5	11.0	16.4

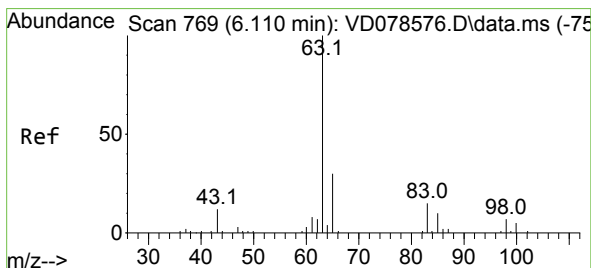
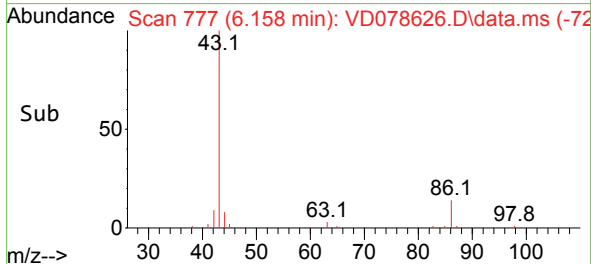
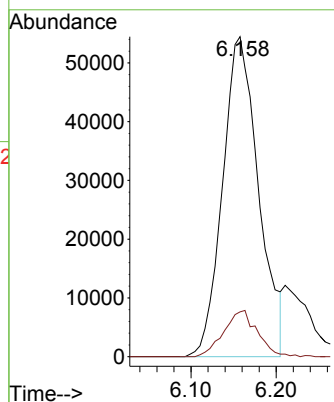
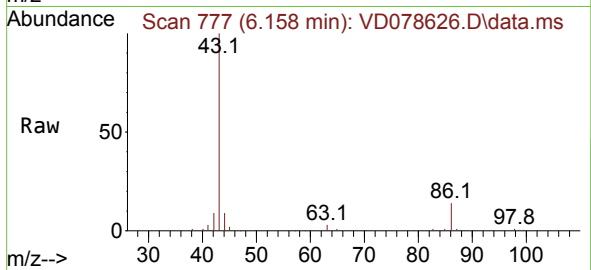




#23
 Vinyl Acetate
 Concen: 88.718 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

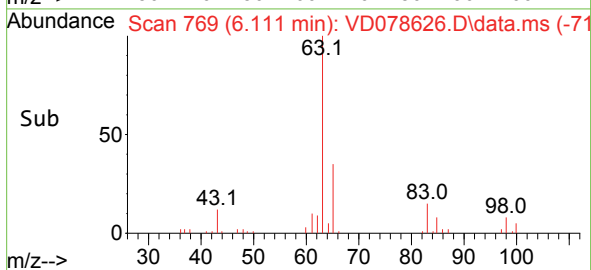
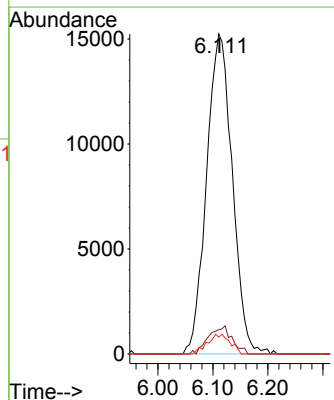
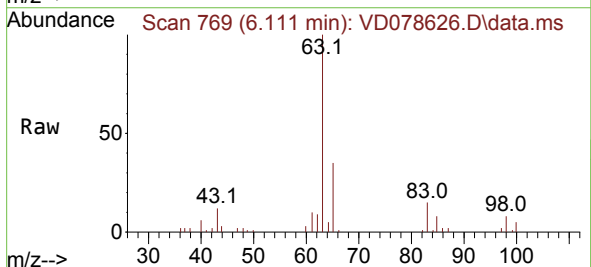
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

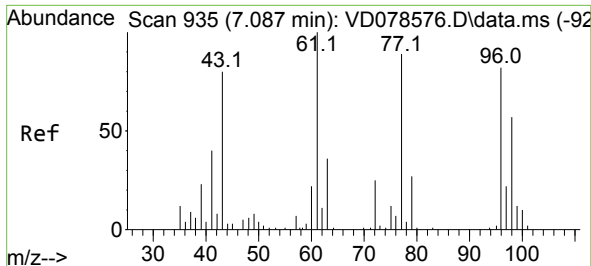
Tgt Ion: 43 Resp: 159942
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.646 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

Tgt Ion: 63 Resp: 49639
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 5.3 2.5 7.5

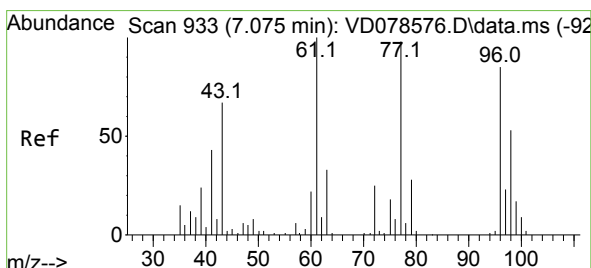
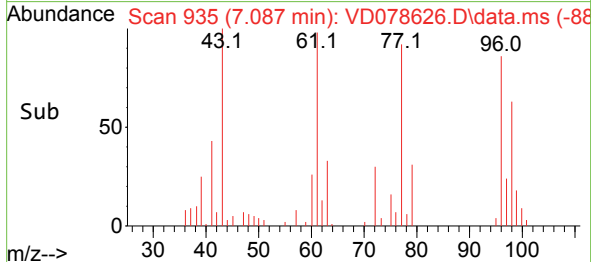
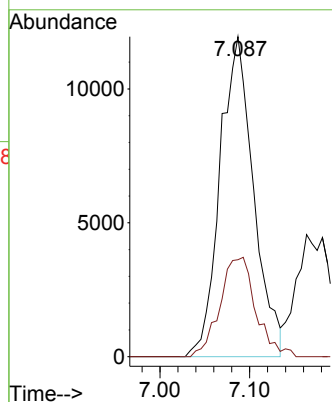
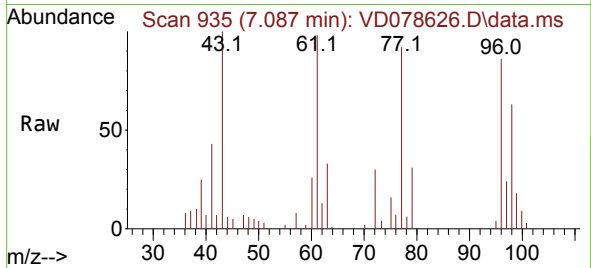




#25
2-Butanone
Concen: 106.698 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

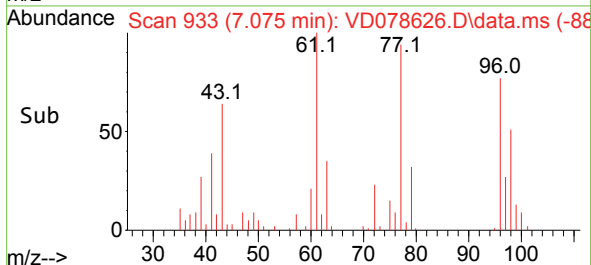
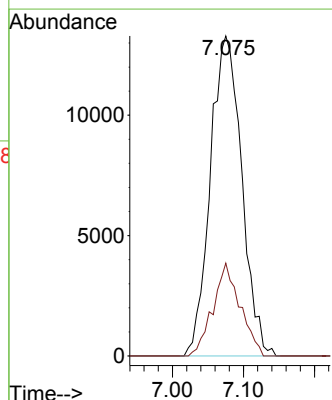
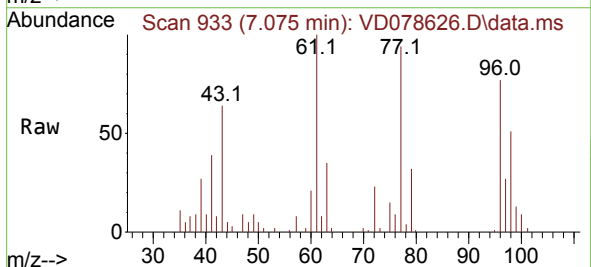
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

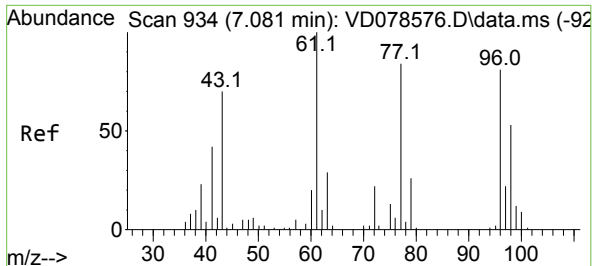
Tgt Ion: 43 Resp: 31069
Ion Ratio Lower Upper
43 100
72 30.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.055 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 77 Resp: 40790
Ion Ratio Lower Upper
77 100
97 25.1 13.2 39.6

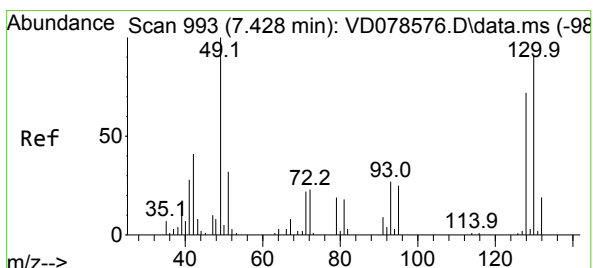
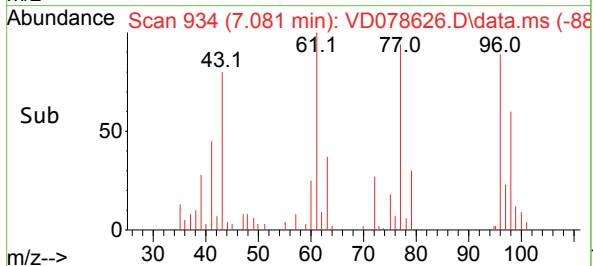
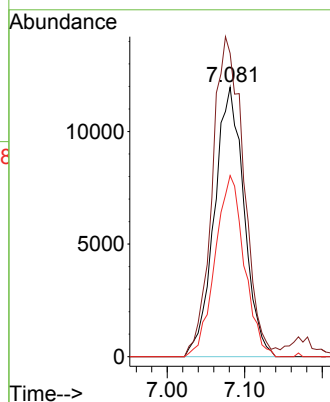
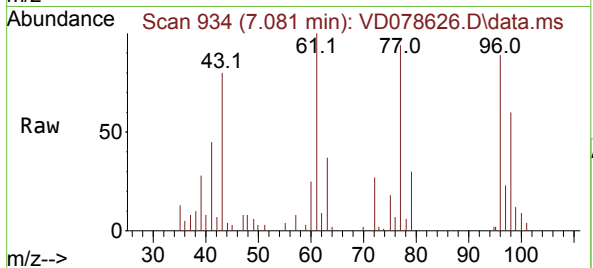




#27
 cis-1,2-Dichloroethene
 Concen: 20.320 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

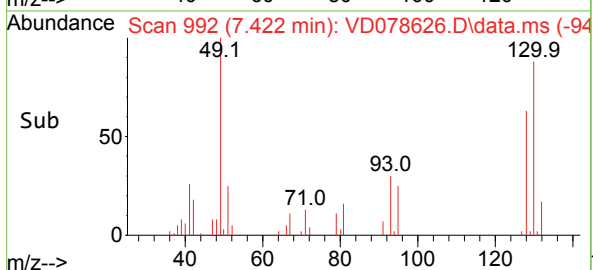
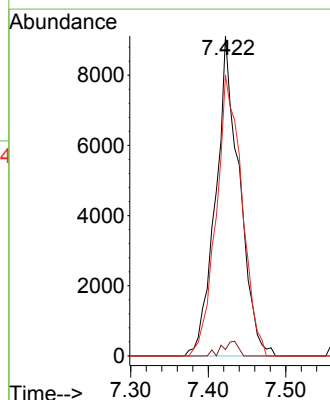
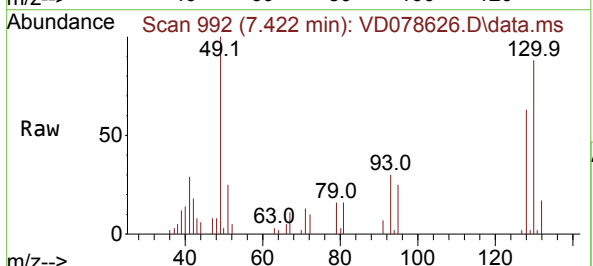
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

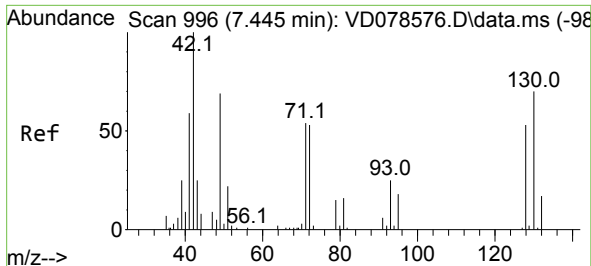
Tgt Ion: 96	Resp: 31778
Ion Ratio	Lower Upper
96 100	
61 126.2	0.0 239.2
98 66.4	0.0 128.6



#28
 Bromochloromethane
 Concen: 22.686 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

Tgt Ion: 49	Resp: 19436
Ion Ratio	Lower Upper
49 100	
129 3.1	0.0 6.0
130 95.0	83.2 124.8





#29

Tetrahydrofuran

Concen: 100.344 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

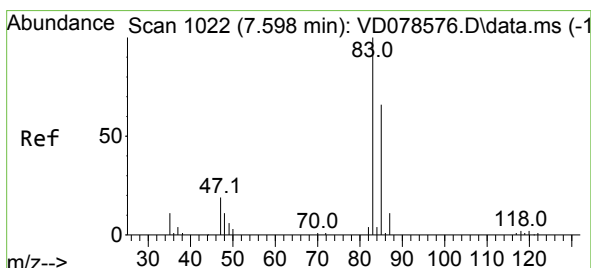
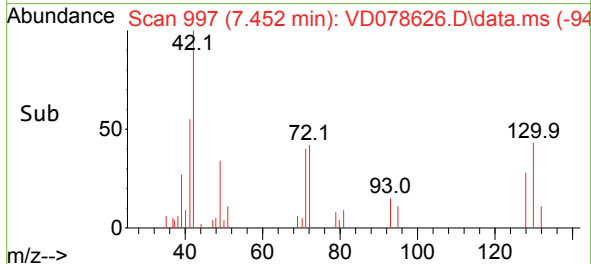
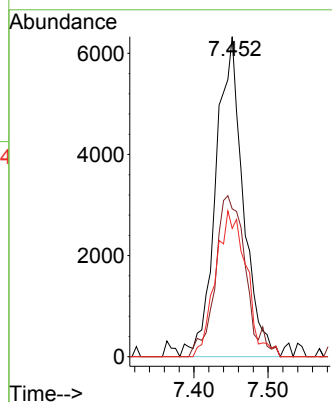
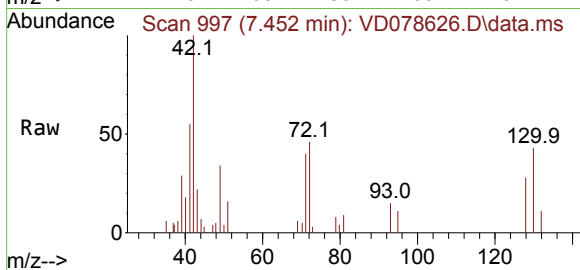
Tgt Ion: 42 Resp: 16233

Ion Ratio Lower Upper

42 100

72 55.7 46.5 69.7

71 51.6 44.5 66.7



#30

Chloroform

Concen: 21.271 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078626.D

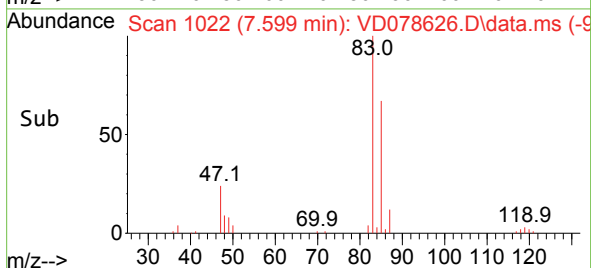
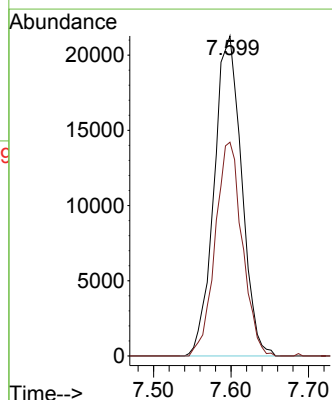
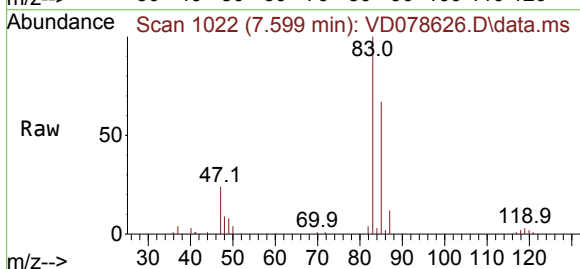
Acq: 11 Mar 2024 12:09

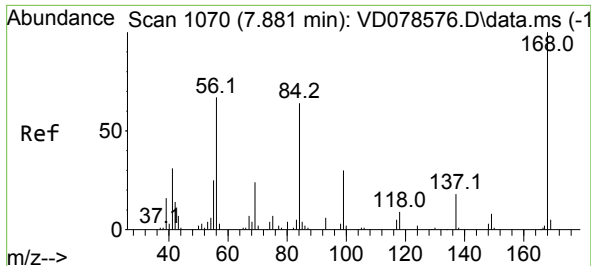
Tgt Ion: 83 Resp: 52669

Ion Ratio Lower Upper

83 100

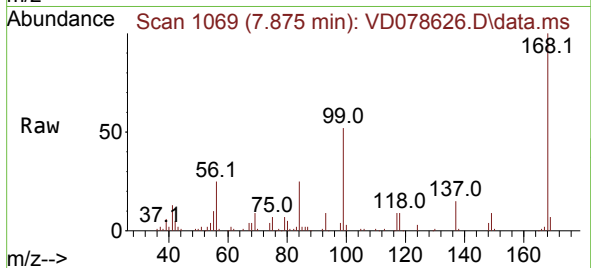
85 66.8 53.4 80.2



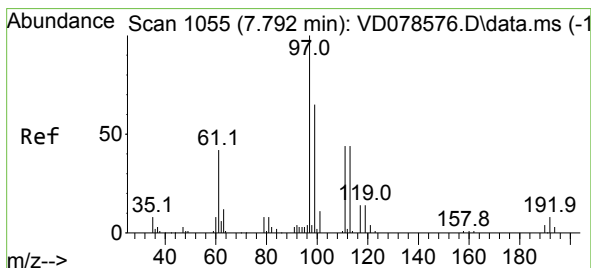
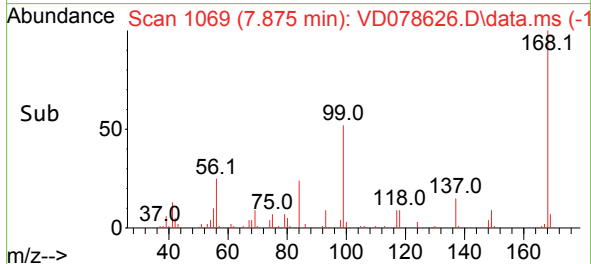
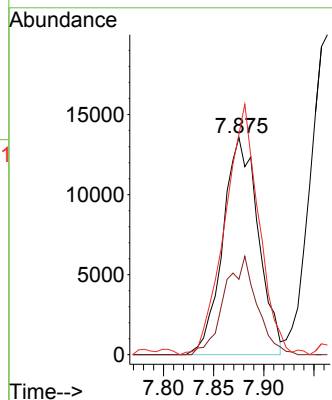


#31
Cyclohexane
Concen: 17.729 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

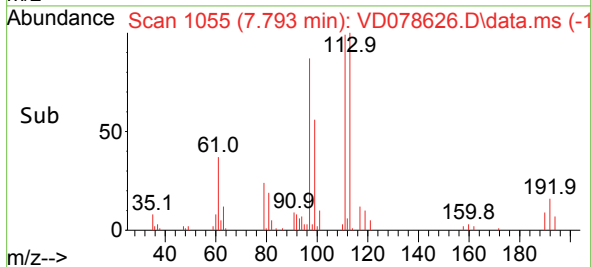
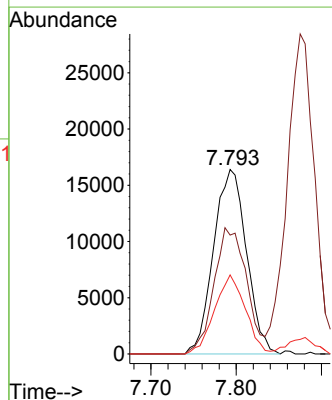
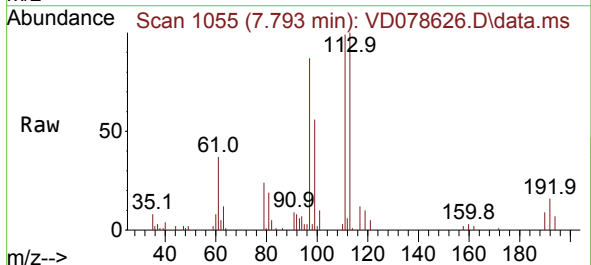


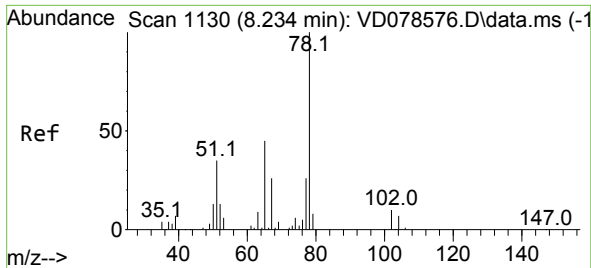
Tgt Ion: 56 Resp: 33436
Ion Ratio Lower Upper
56 100
69 34.7 28.6 43.0
84 101.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.710 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 97 Resp: 43991
Ion Ratio Lower Upper
97 100
99 67.9 52.0 78.0
61 40.2 33.8 50.8

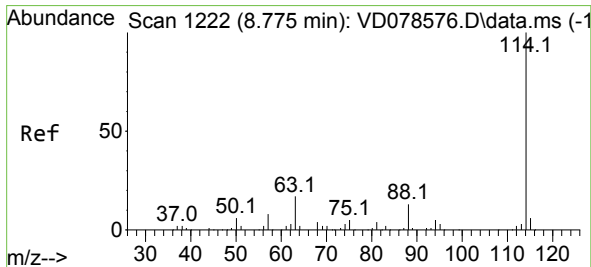
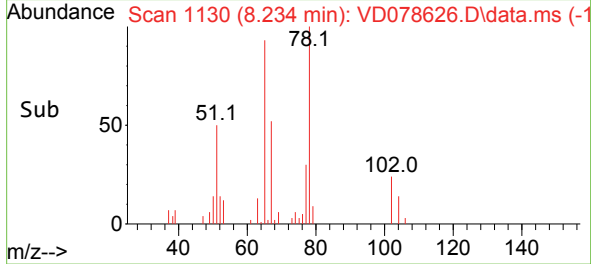
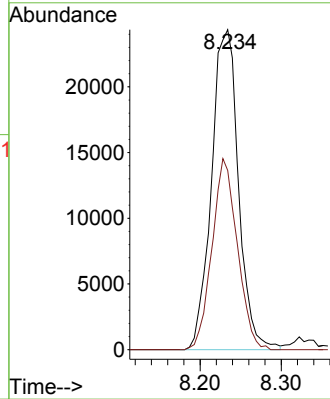
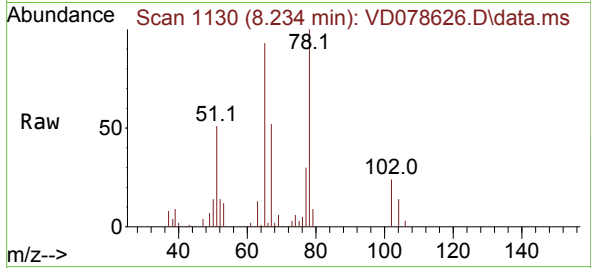




#33
1,2-Dichloroethane-d4
Concen: 46.708 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

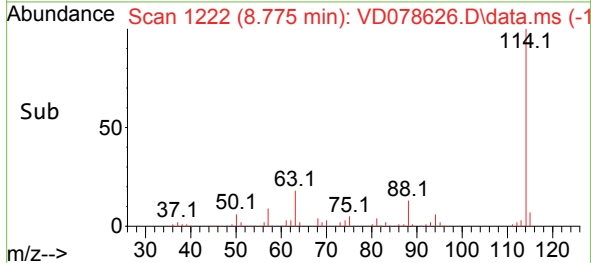
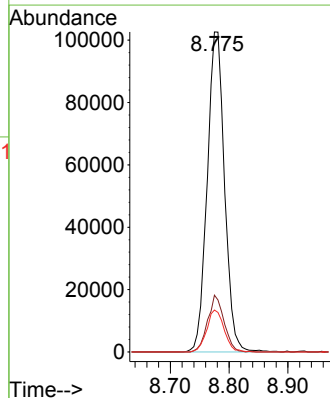
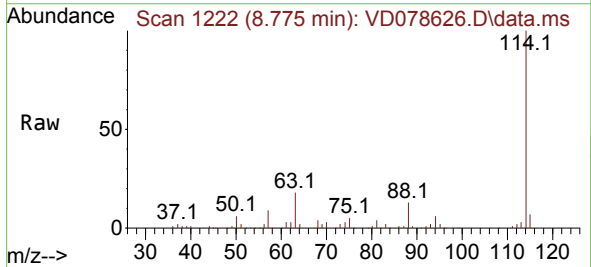
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

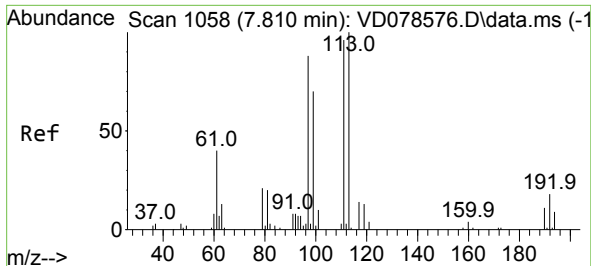
Tgt Ion: 65 Resp: 56280
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 114 Resp: 210119
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 13.1 0.0 26.2

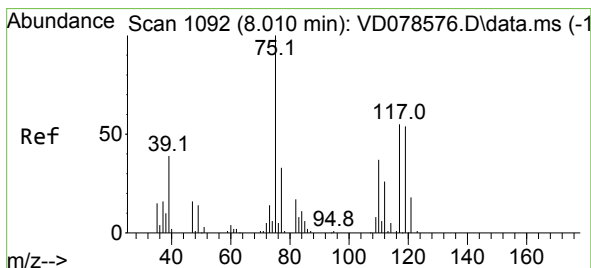
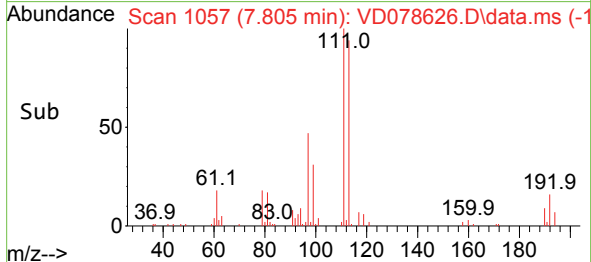
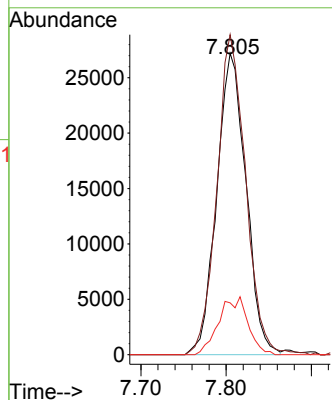
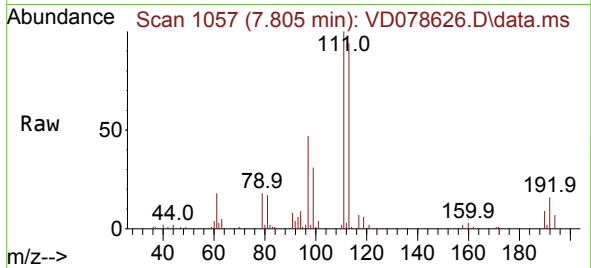




#35
Dibromofluoromethane
Concen: 47.441 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

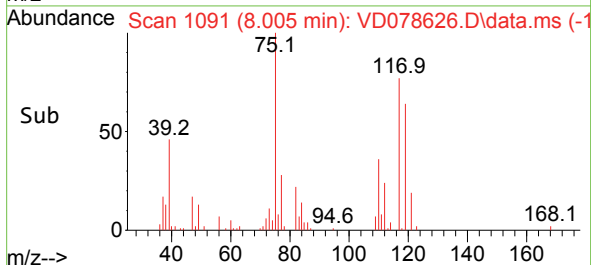
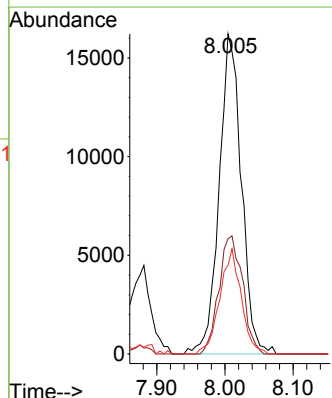
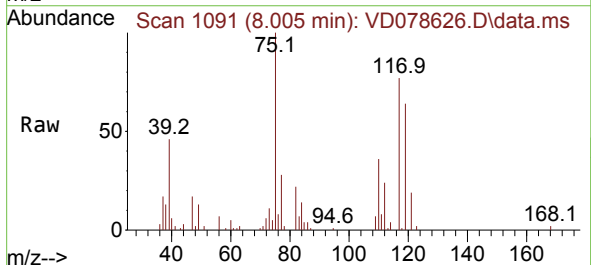
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

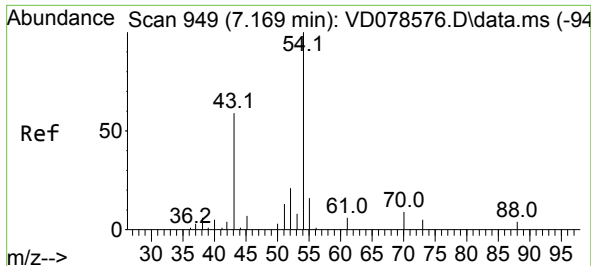
Tgt Ion:113 Resp: 64843
Ion Ratio Lower Upper
113 100
111 104.6 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.486 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 75 Resp: 36855
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 21.648 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

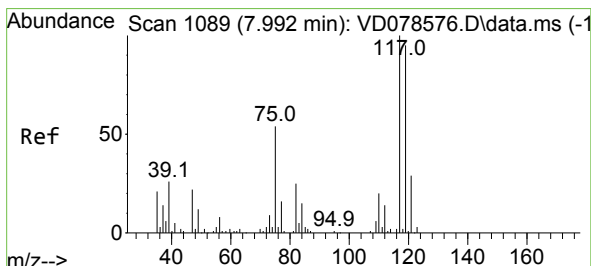
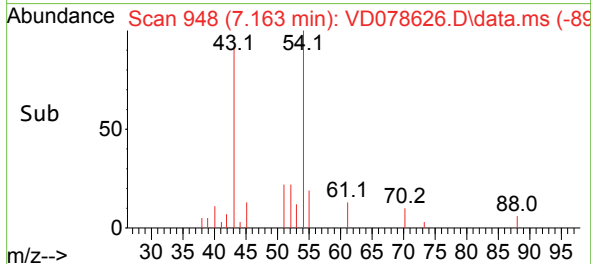
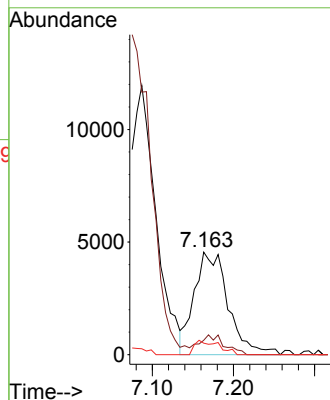
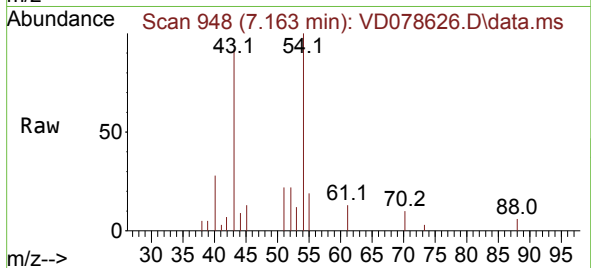
Tgt Ion: 43 Resp: 13267

Ion Ratio Lower Upper

43 100

61 14.3 14.9 22.3#

70 9.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.394 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

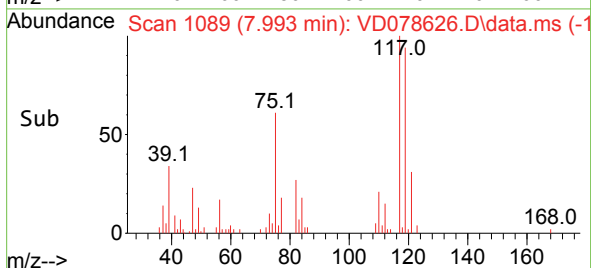
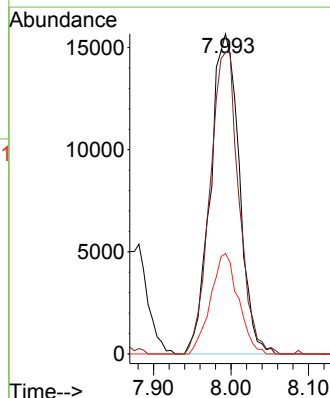
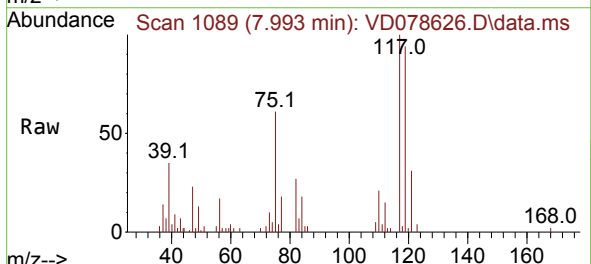
Tgt Ion: 117 Resp: 40344

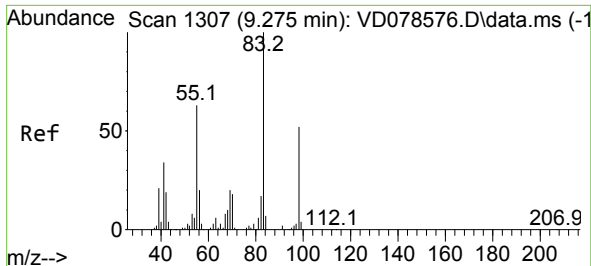
Ion Ratio Lower Upper

117 100

119 94.2 78.0 117.0

121 31.4 24.2 36.2

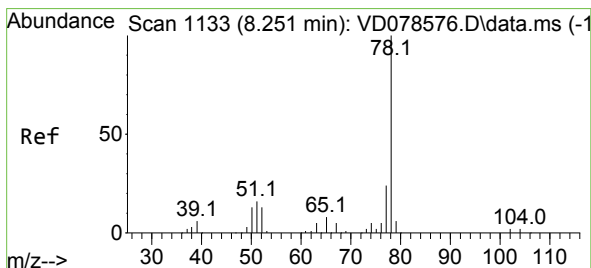
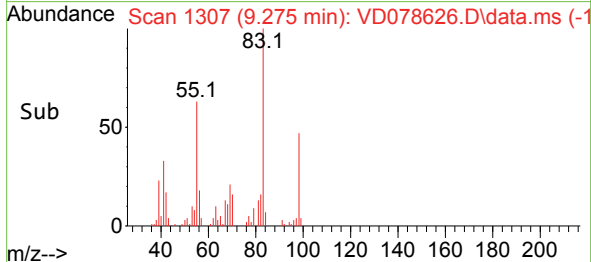
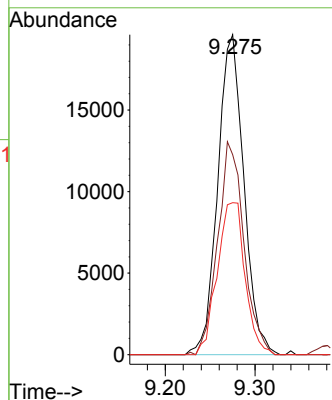
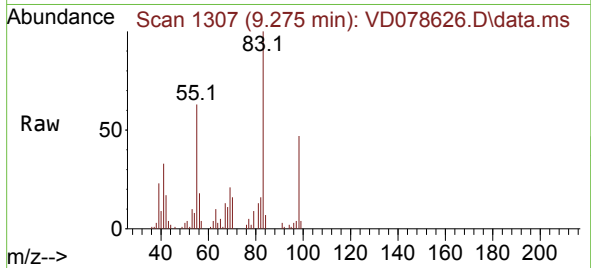




#39
Methylcyclohexane
Concen: 17.859 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

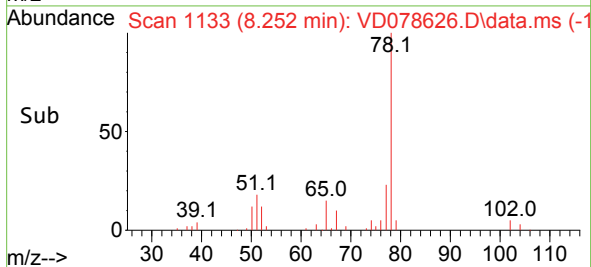
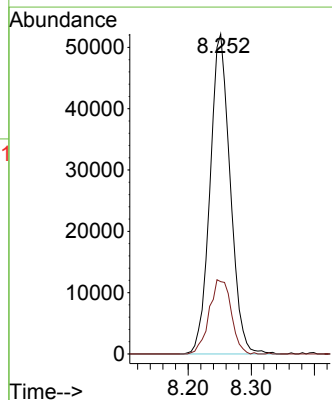
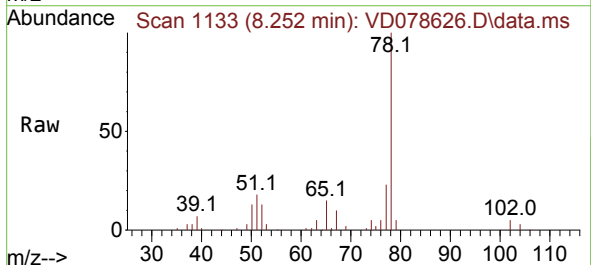
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

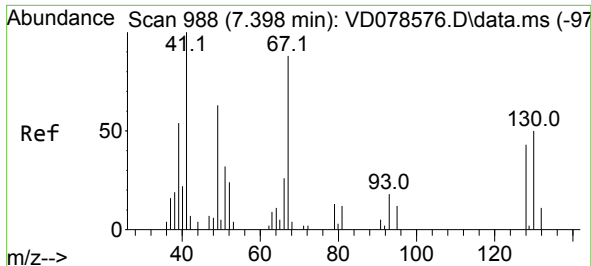
Tgt Ion: 83 Resp: 39646
Ion Ratio Lower Upper
83 100
55 62.5 49.4 74.0
98 47.5 38.4 57.6



#40
Benzene
Concen: 20.651 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 78 Resp: 115775
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0

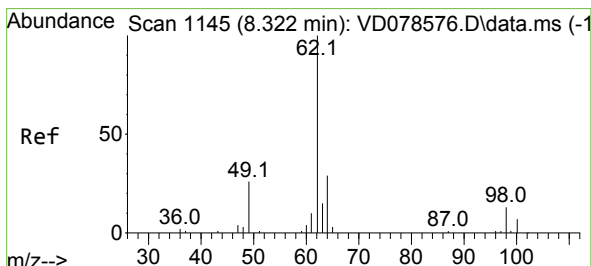
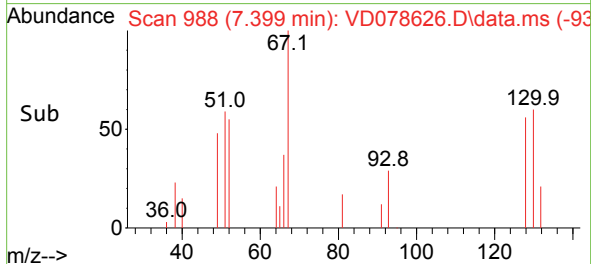
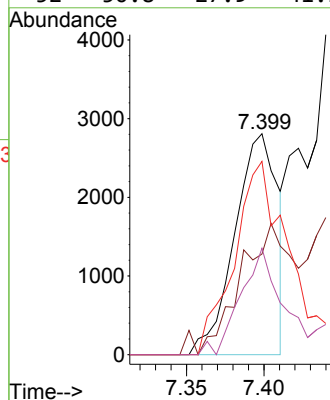
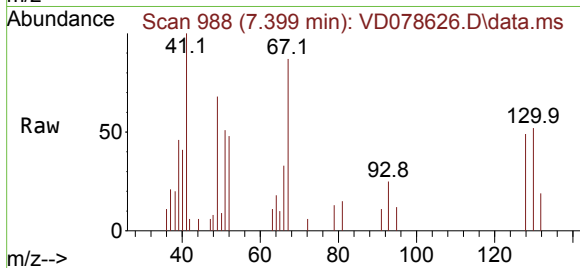




#41
Methacrylonitrile
Concen: 16.522 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

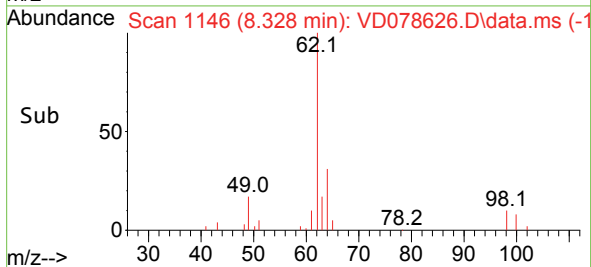
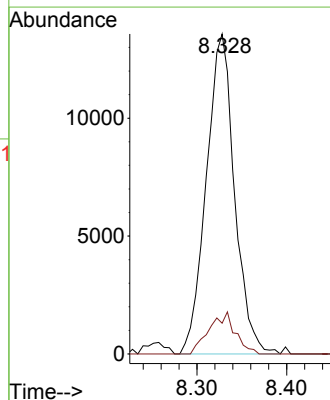
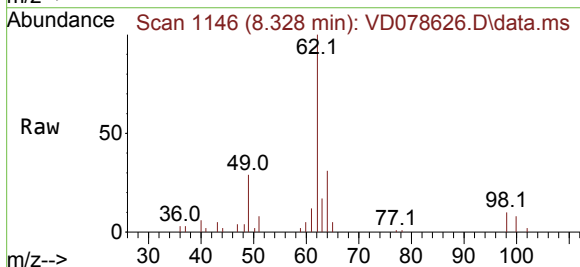
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

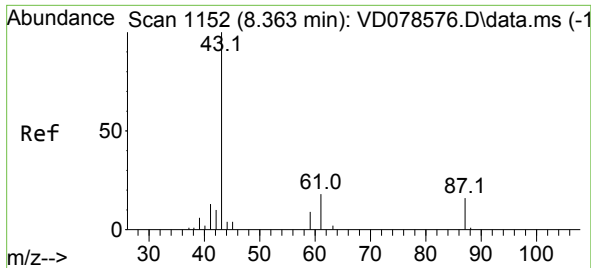
Tgt Ion: 41 Resp: 5427
Ion Ratio Lower Upper
41 100
39 70.9 34.0 51.0#
67 112.4 77.0 115.4
52 50.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.859 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 62 Resp: 29666
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4

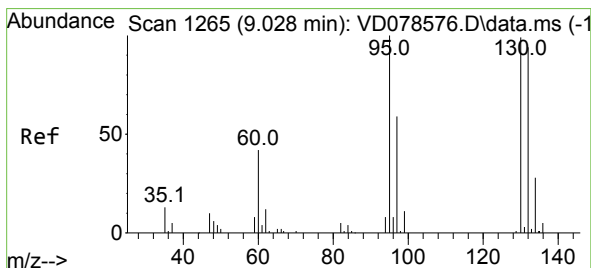
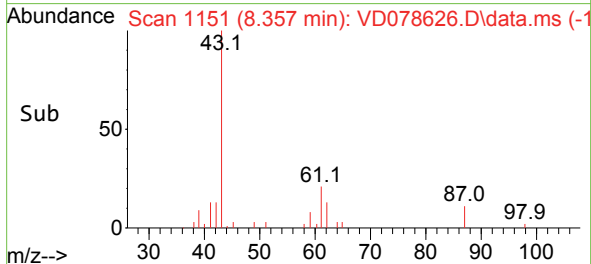
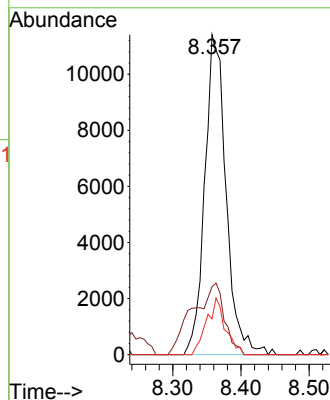
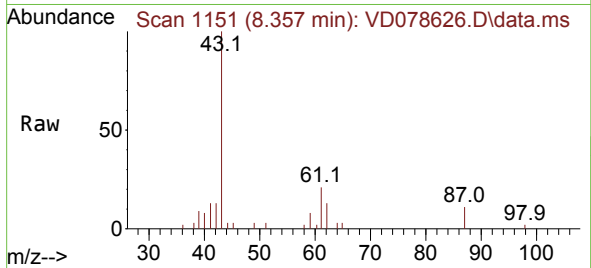




#43
Isopropyl Acetate
Concen: 21.182 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

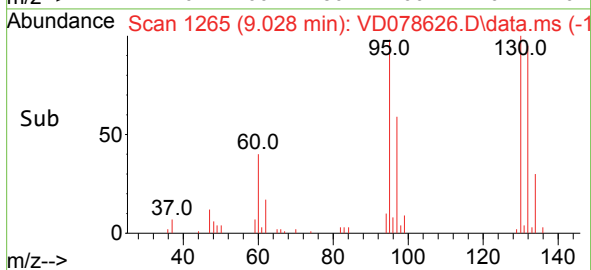
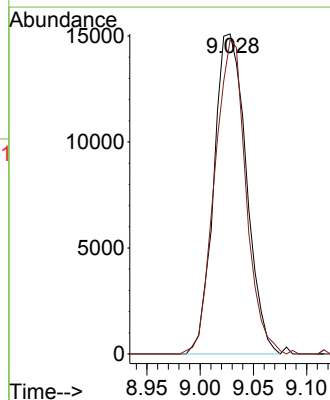
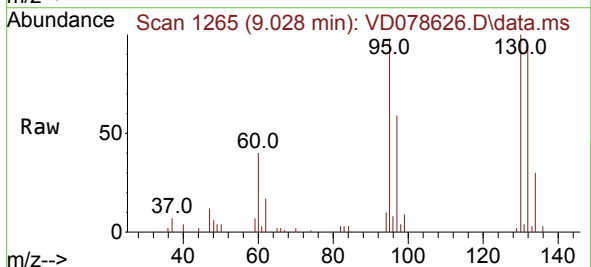
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

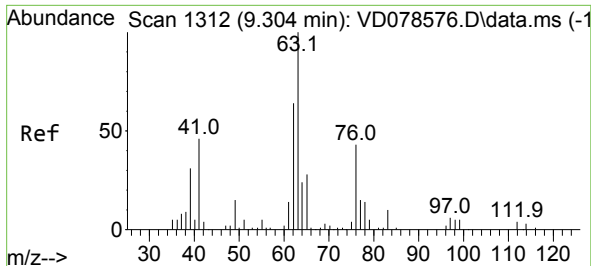
Tgt Ion: 43	Resp: 24887
Ion Ratio	Lower Upper
43 100	
61 33.1	31.4 47.0
87 15.6	14.9 22.3



#44
Trichloroethene
Concen: 20.770 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:130	Resp:	31953	
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.499 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

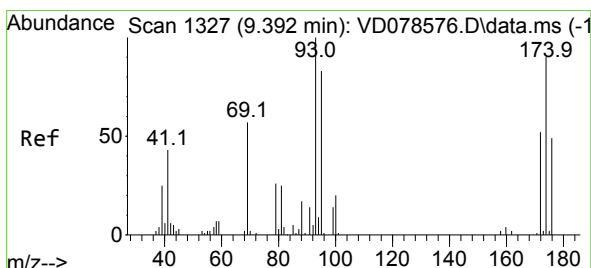
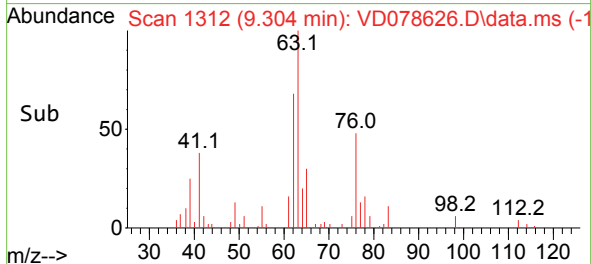
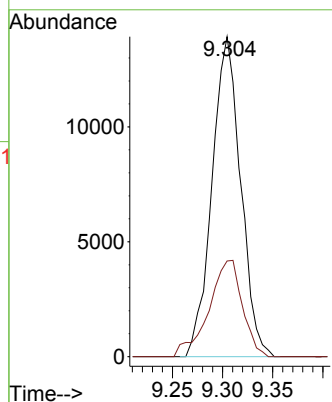
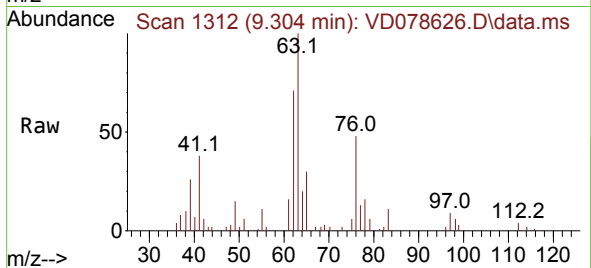
VD0311SBS01

Tgt Ion: 63 Resp: 27606

Ion Ratio Lower Upper

63 100

65 29.9 24.5 36.7



#46

Dibromomethane

Concen: 22.170 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

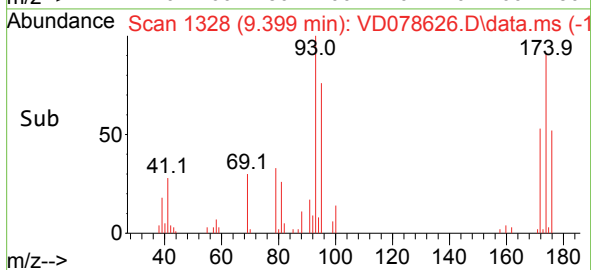
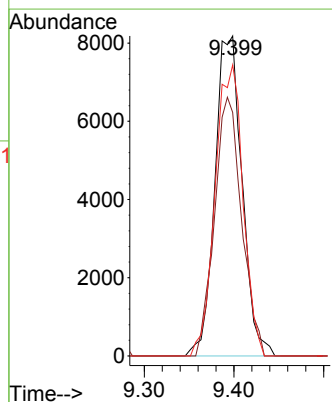
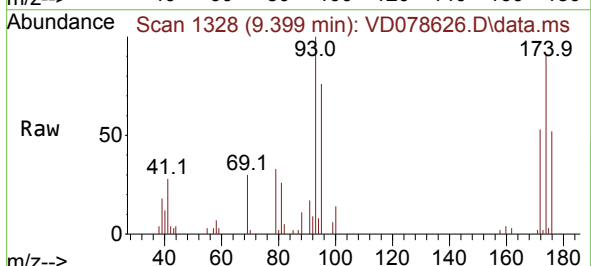
Tgt Ion: 93 Resp: 17212

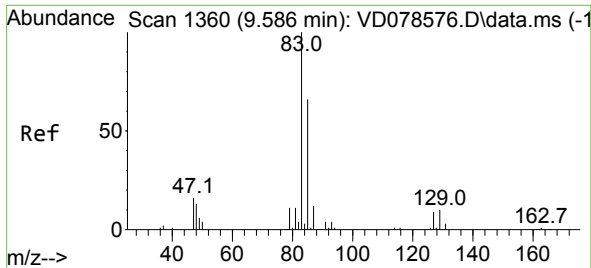
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 93.1 85.4 128.2



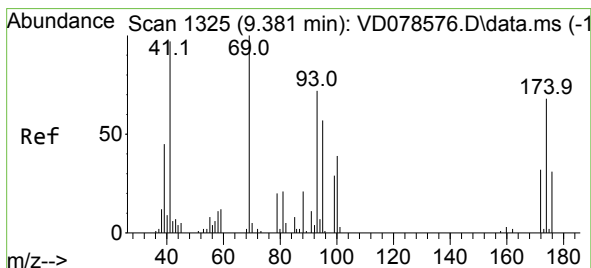
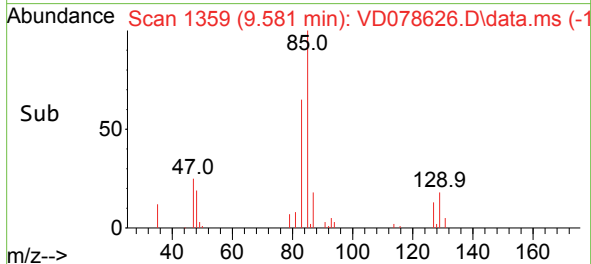
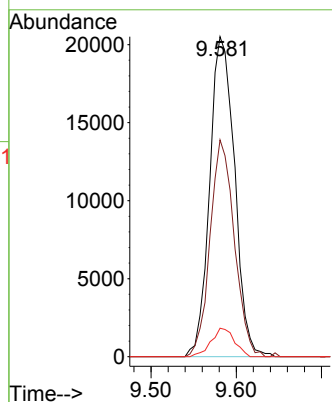
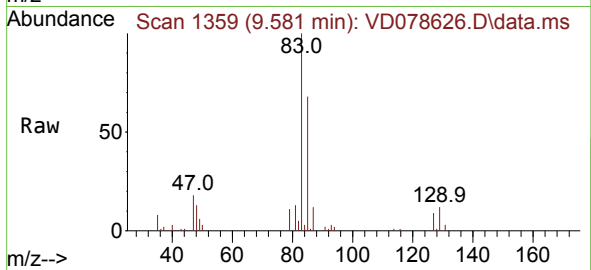


#47
 Bromodichloromethane
 Concen: 21.736 ug/l
 RT: 9.581 min Scan# 1359
 Delta R.T. -0.006 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBS01

Tgt Ion: 83 Resp: 41608

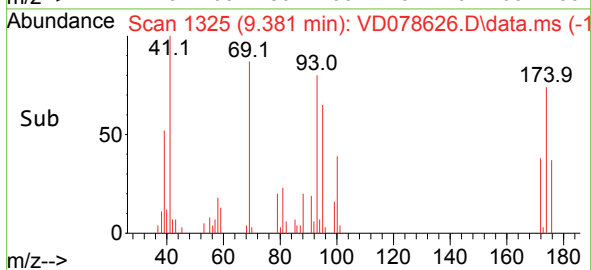
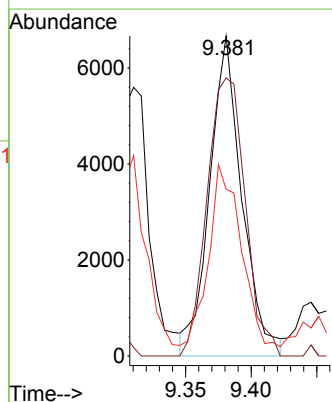
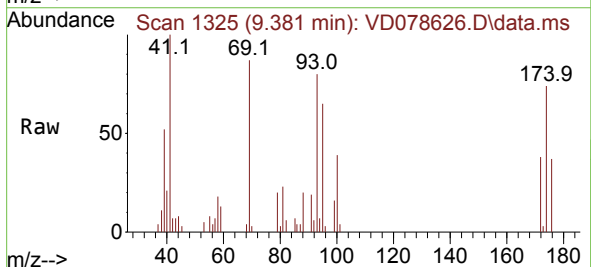
Ion	Ratio	Lower	Upper
83	100		
85	67.8	50.2	75.4
127	8.9	6.3	9.5

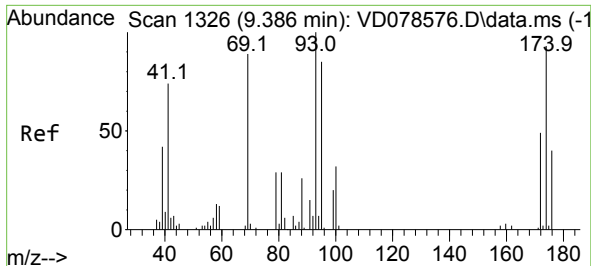


#48
 Methyl methacrylate
 Concen: 21.371 ug/l
 RT: 9.381 min Scan# 1325
 Delta R.T. 0.000 min
 Lab File: VD078626.D
 Acq: 11 Mar 2024 12:09

Tgt Ion: 41 Resp: 11374

Ion	Ratio	Lower	Upper
41	100		
69	103.1	102.2	153.2
39	58.3	41.4	62.2





#49

1,4-Dioxane

Concen: 412.259 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.005 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

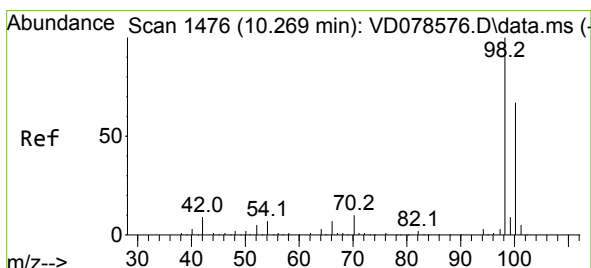
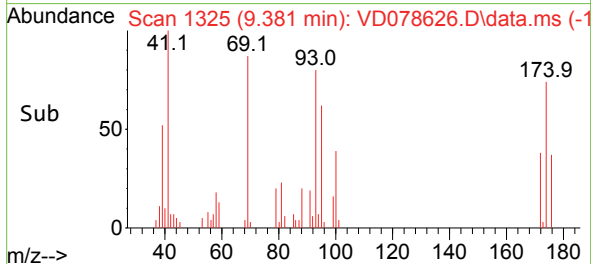
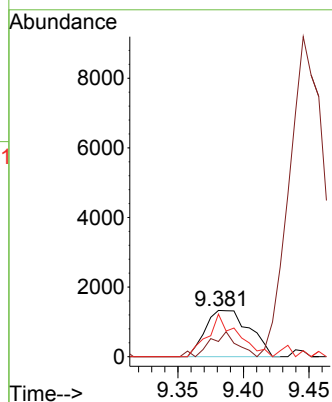
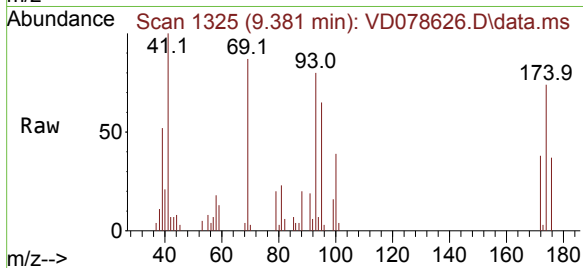
Tgt Ion: 88 Resp: 3094

Ion Ratio Lower Upper

88 100

43 32.9 19.0 28.6#

58 62.9 43.5 65.3



#50

Toluene-d8

Concen: 46.770 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078626.D

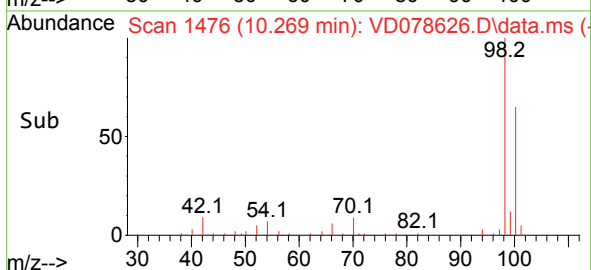
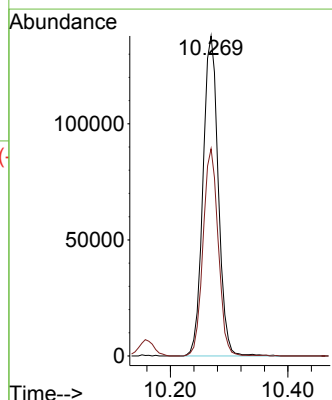
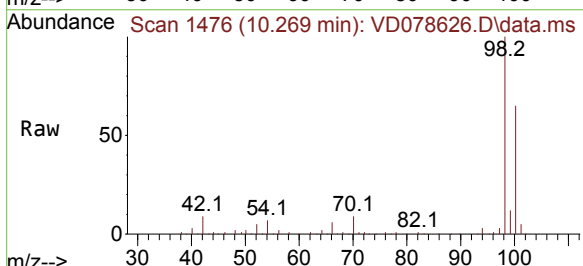
Acq: 11 Mar 2024 12:09

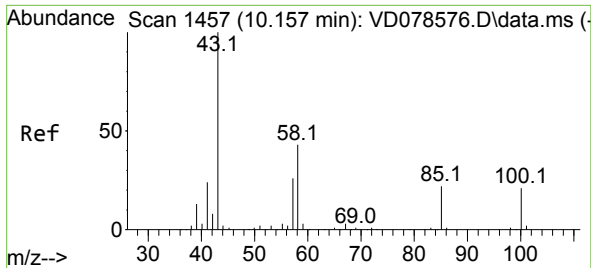
Tgt Ion: 98 Resp: 248401

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

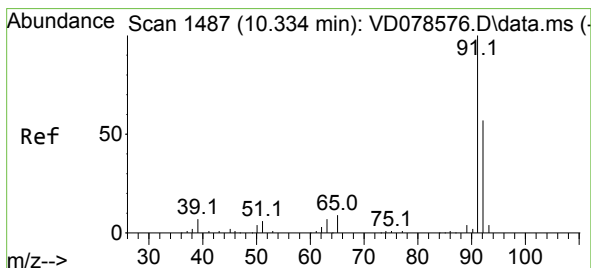
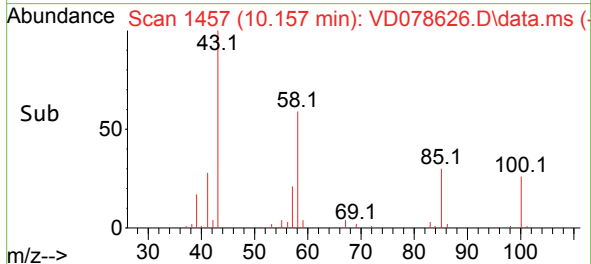
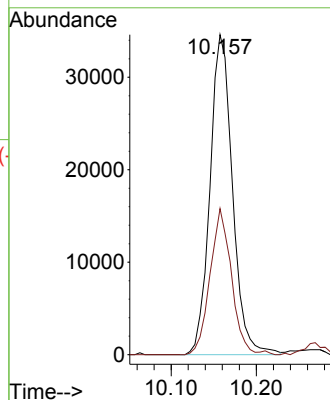
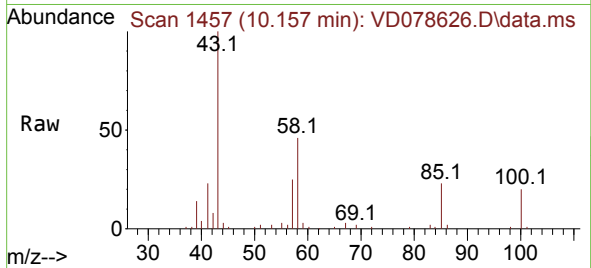




#51
4-Methyl-2-Pentanone
Concen: 104.853 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

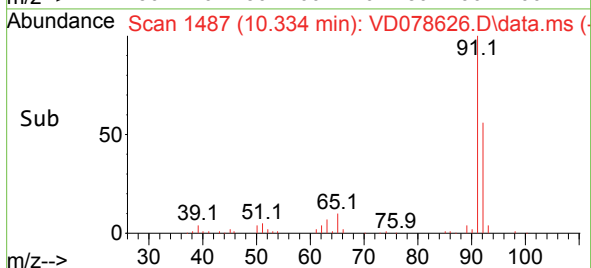
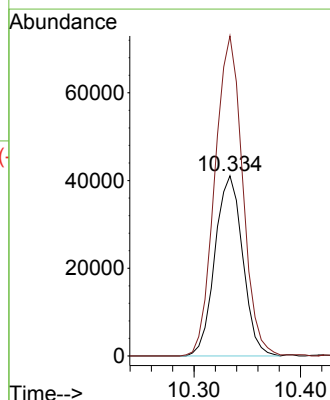
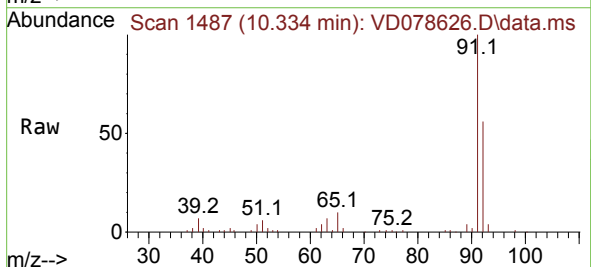
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

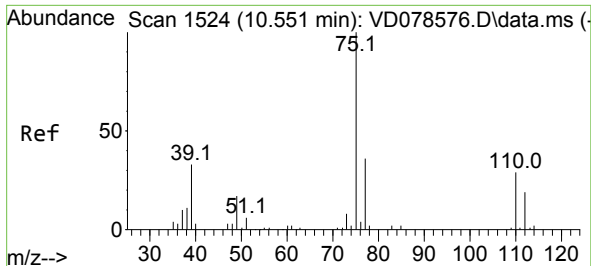
Tgt Ion: 43 Resp: 63586
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 20.655 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 92 Resp: 74299
Ion Ratio Lower Upper
92 100
91 178.3 143.0 214.4

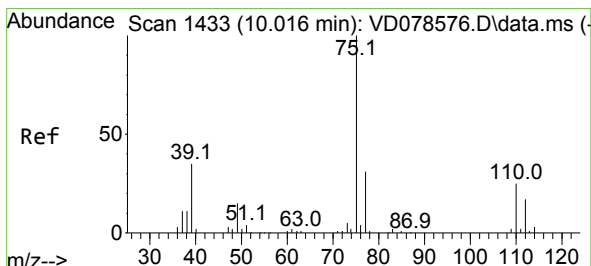
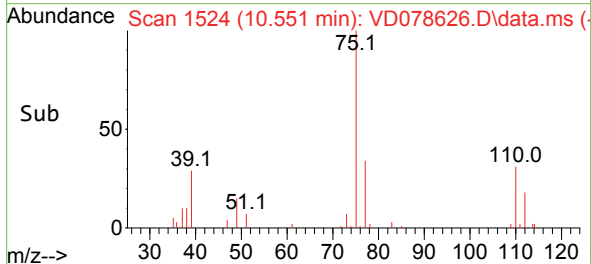
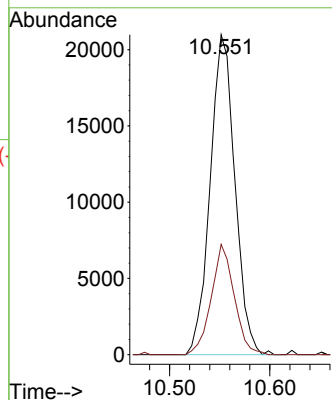
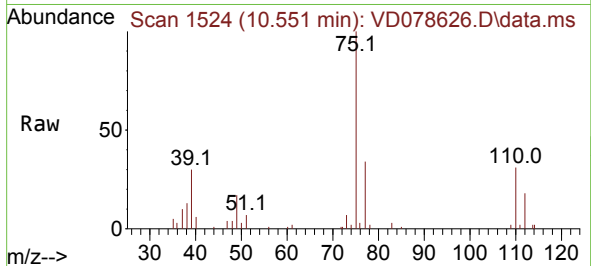




#53
t-1,3-Dichloropropene
Concen: 20.320 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

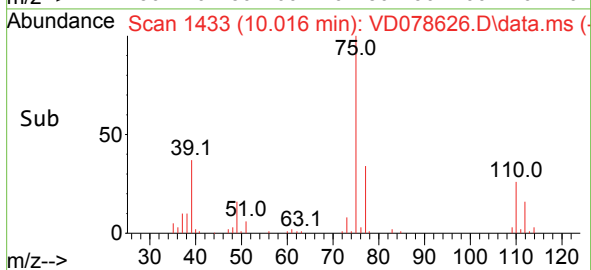
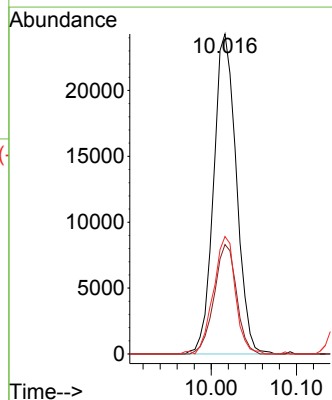
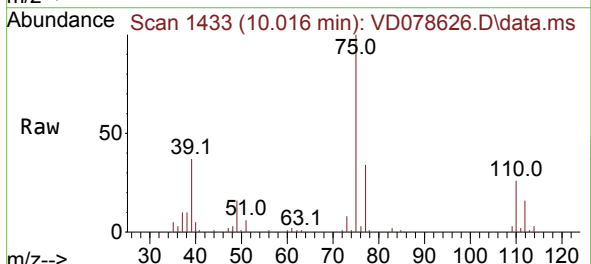
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

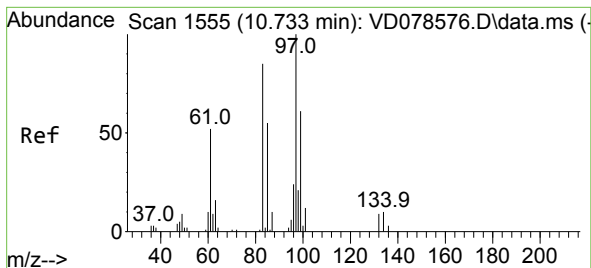
Tgt Ion: 75 Resp: 35985
Ion Ratio Lower Upper
75 100
77 34.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.211 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 75 Resp: 44974
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
39 36.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.120 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

Tgt Ion: 97 Resp: 23088

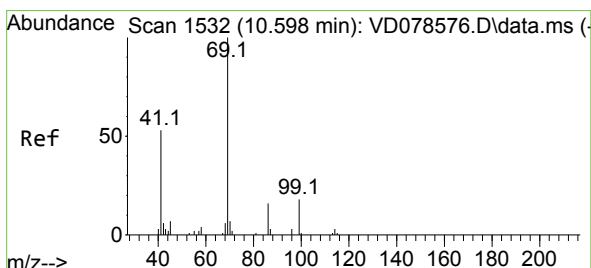
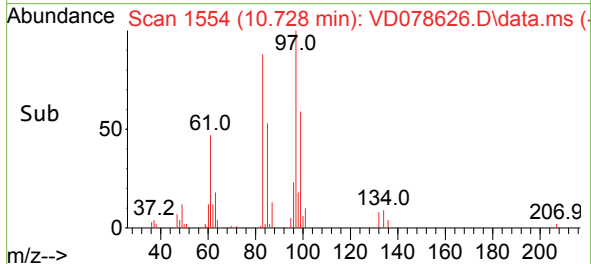
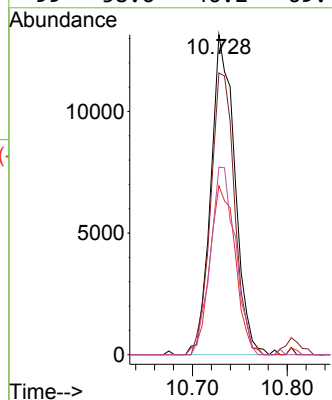
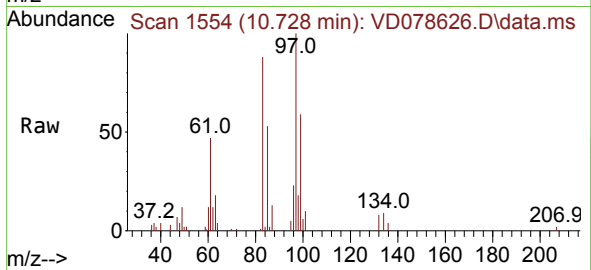
Ion Ratio Lower Upper

97 100

83 88.0 65.8 98.6

85 52.8 45.7 68.5

99 58.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.607 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

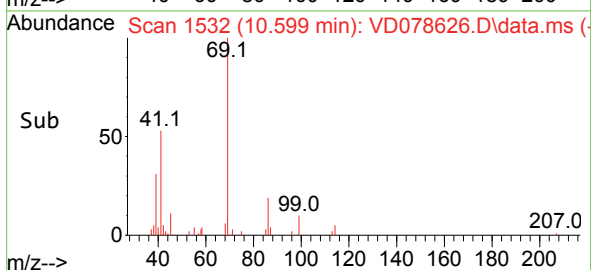
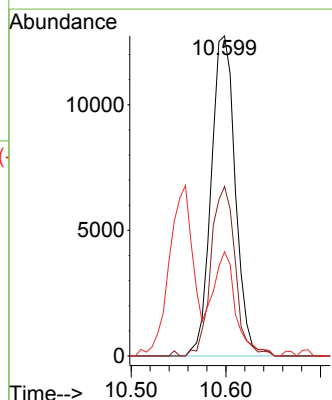
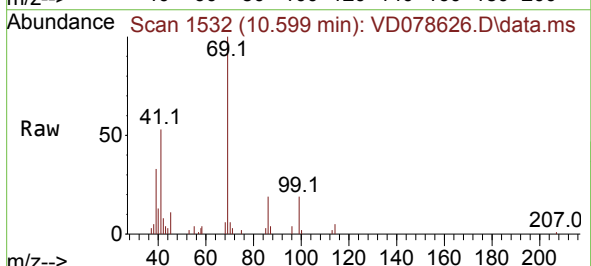
Tgt Ion: 69 Resp: 22579

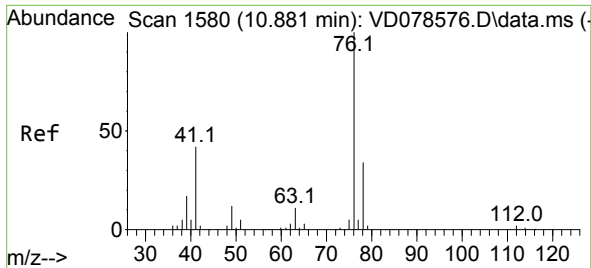
Ion Ratio Lower Upper

69 100

41 53.0 39.1 58.7

39 31.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.181 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

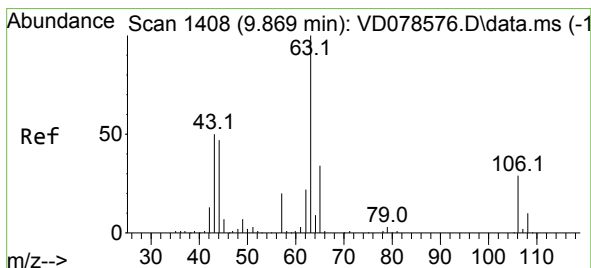
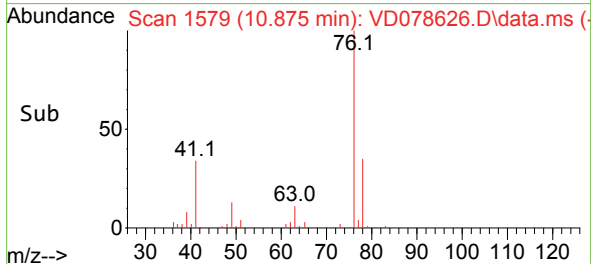
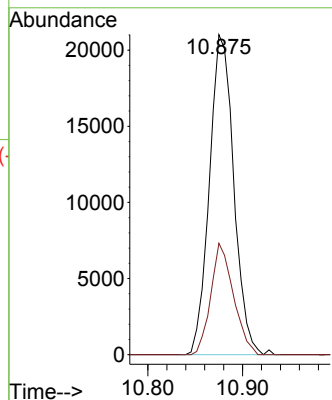
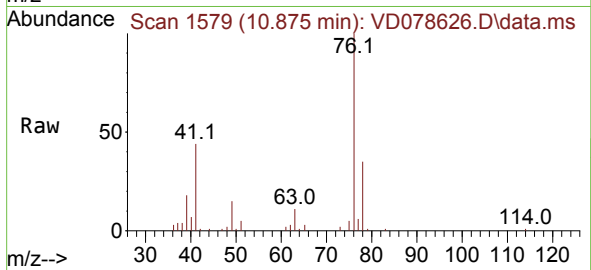
VD0311SBS01

Tgt Ion: 76 Resp: 37523

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 121.326 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078626.D

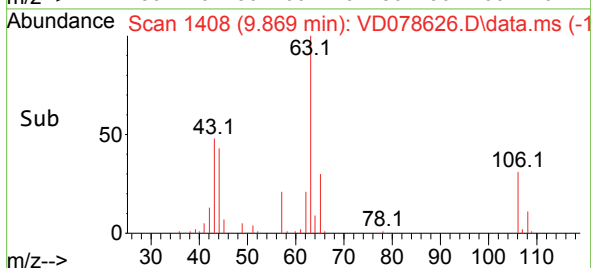
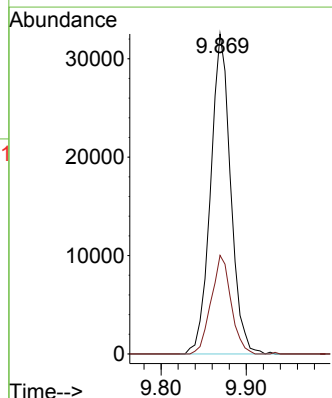
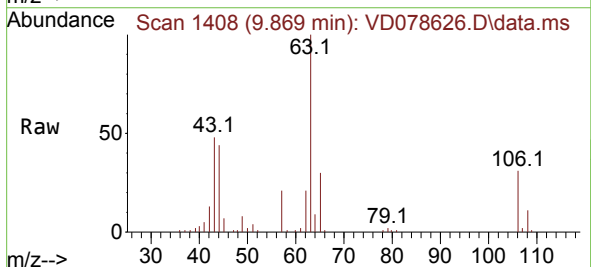
Acq: 11 Mar 2024 12:09

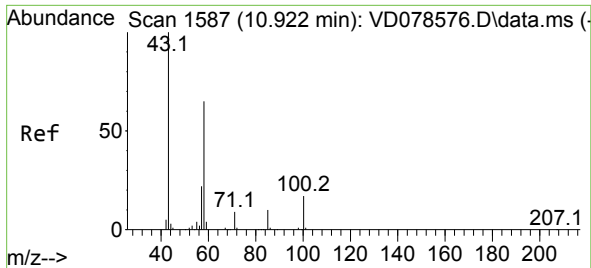
Tgt Ion: 63 Resp: 53307

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

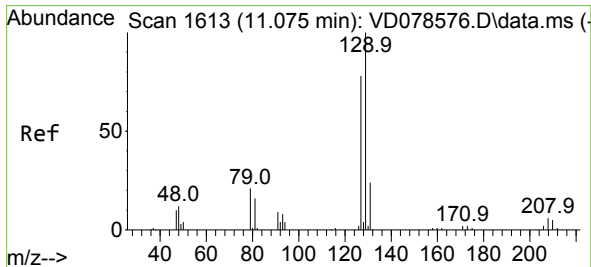
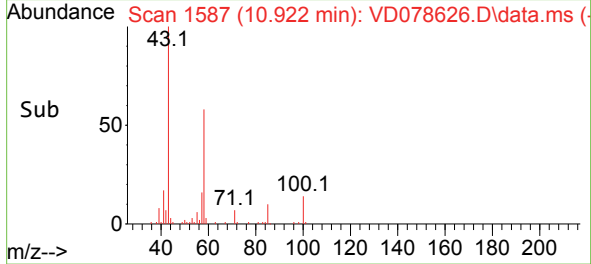
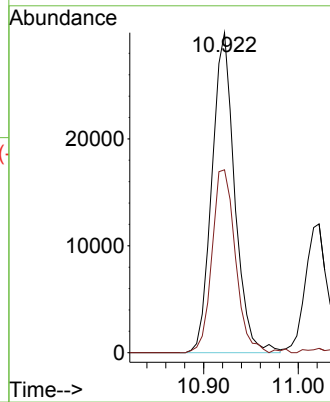
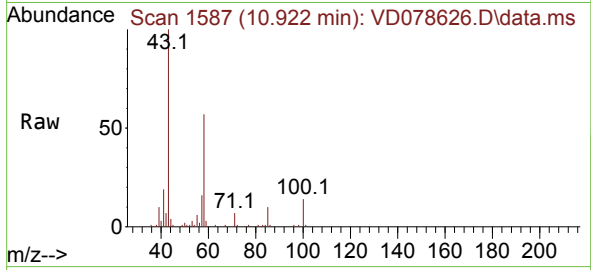




#59
2-Hexanone
Concen: 110.915 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

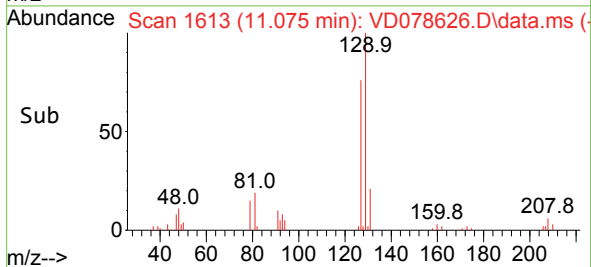
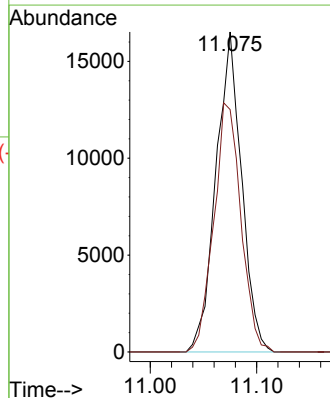
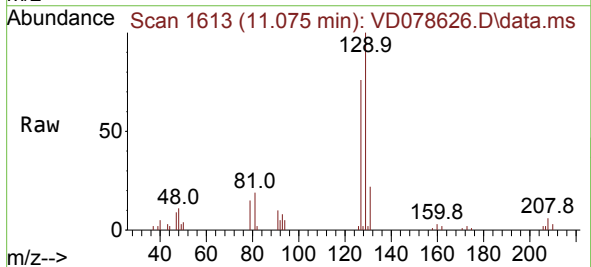
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

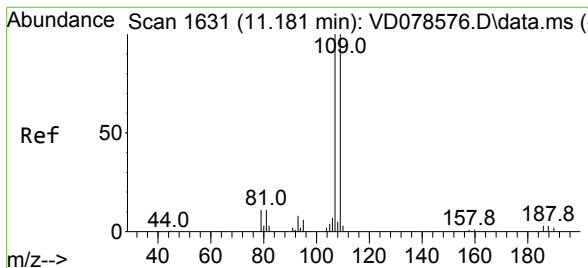
Tgt Ion: 43 Resp: 49890
Ion Ratio Lower Upper
43 100
58 58.7 34.1 102.2



#60
Dibromochloromethane
Concen: 20.881 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 129 Resp: 27563
Ion Ratio Lower Upper
129 100
127 82.4 37.1 111.5

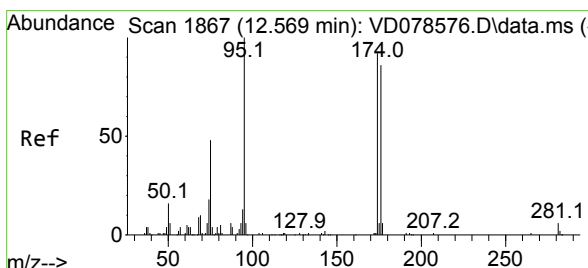
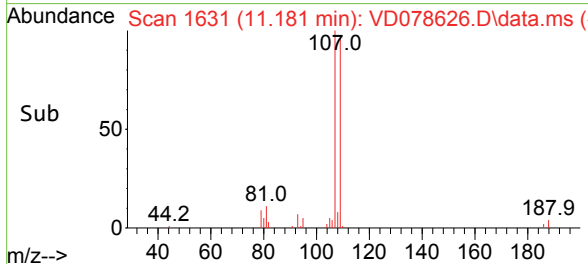
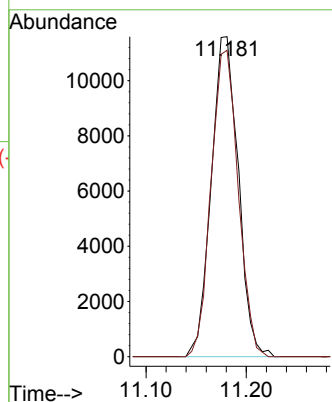
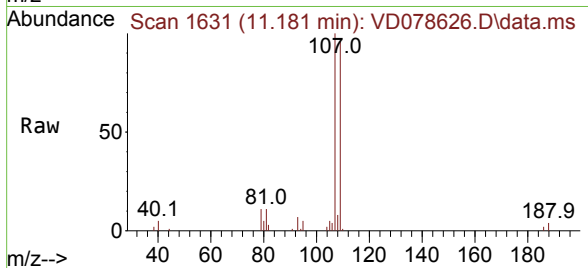




#61
1,2-Dibromoethane
Concen: 21.588 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

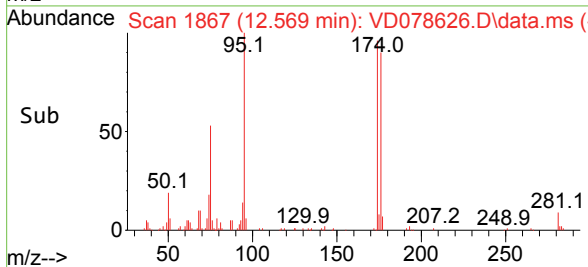
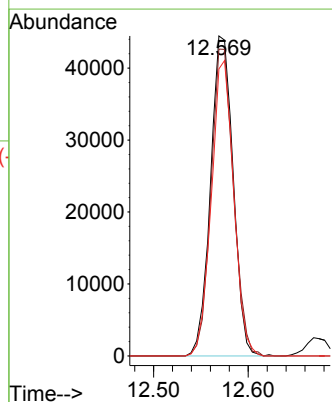
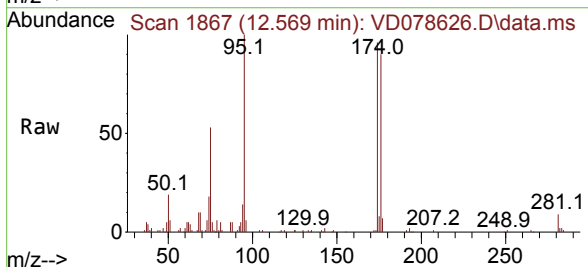
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

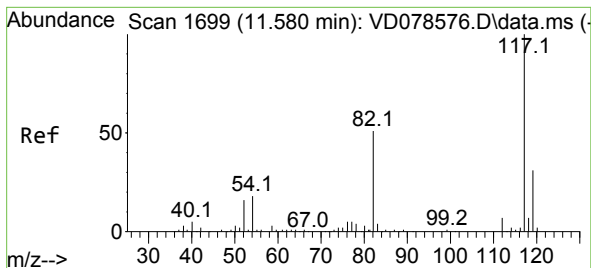
Tgt Ion:107 Resp: 21659
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.582 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 95 Resp: 73697
Ion Ratio Lower Upper
95 100
174 95.2 0.0 201.8
176 91.4 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: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

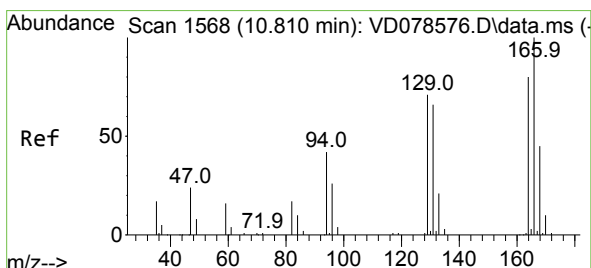
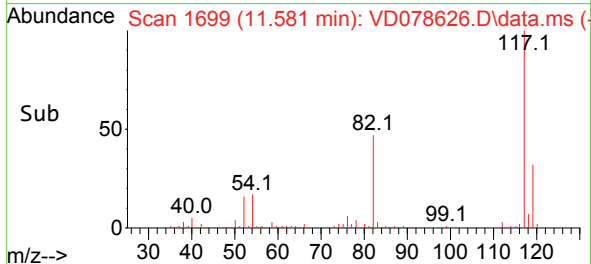
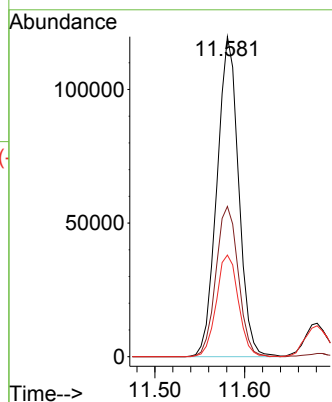
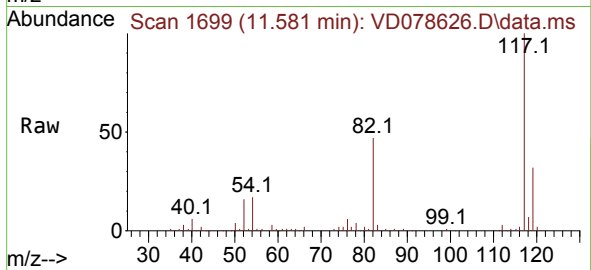
Tgt Ion:117 Resp: 200764

Ion Ratio Lower Upper

117 100

82 47.0 38.3 57.5

119 31.8 25.0 37.4



#64

Tetrachloroethene

Concen: 20.534 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Tgt Ion:164 Resp: 25938

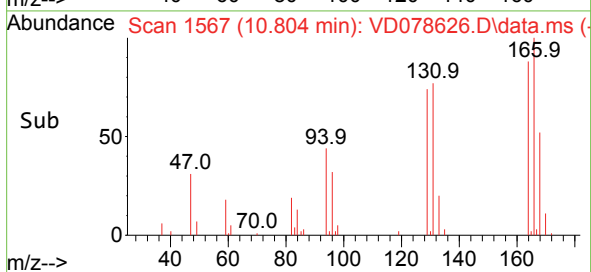
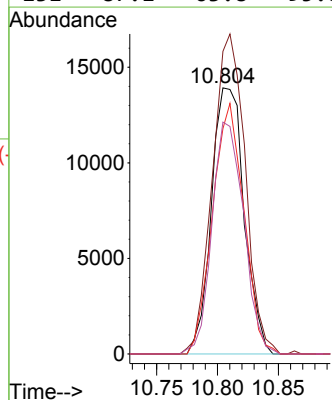
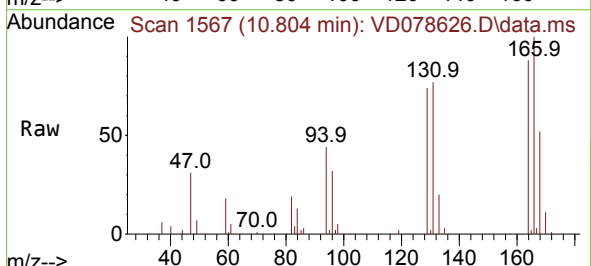
Ion Ratio Lower Upper

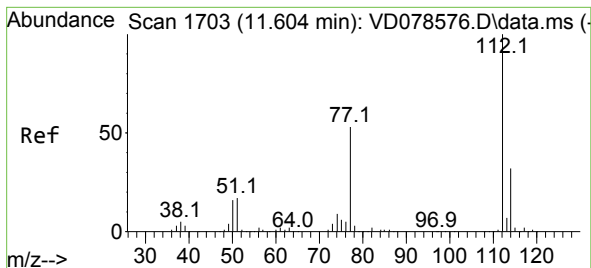
164 100

166 113.7 99.2 148.8

129 84.7 68.4 102.6

131 87.1 63.8 95.8





#65

Chlorobenzene

Concen: 20.425 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

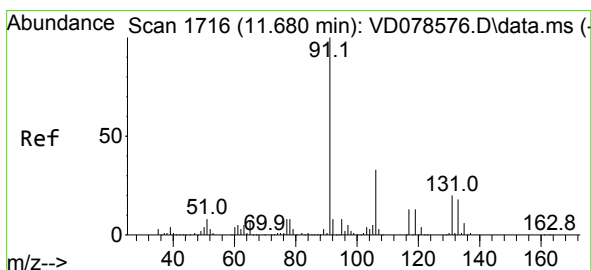
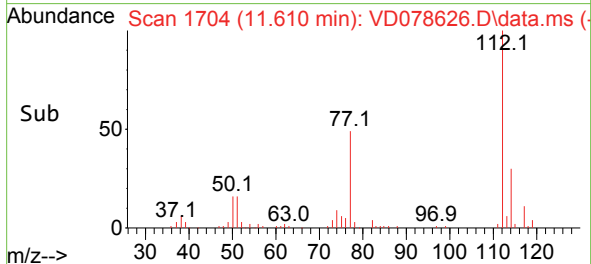
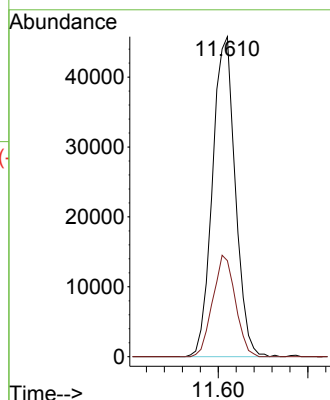
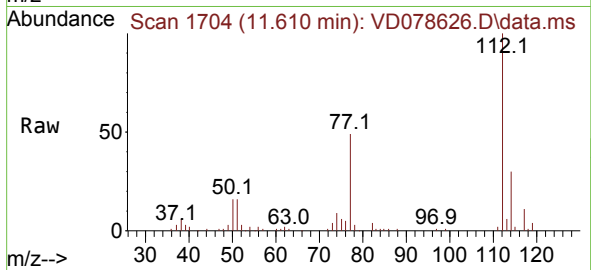
VD0311SBS01

Tgt Ion:112 Resp: 80752

Ion Ratio Lower Upper

112 100

114 30.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.869 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

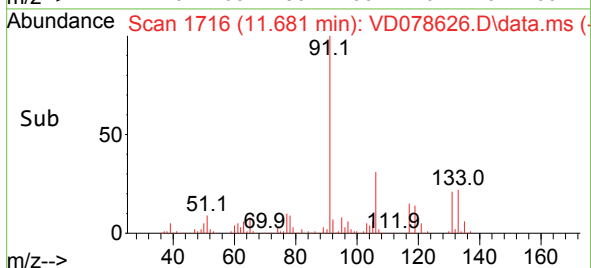
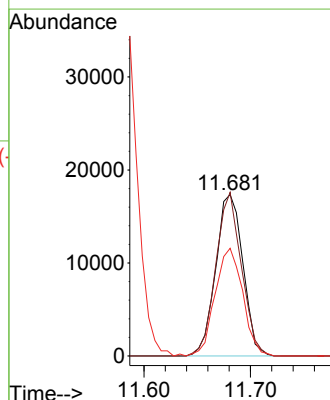
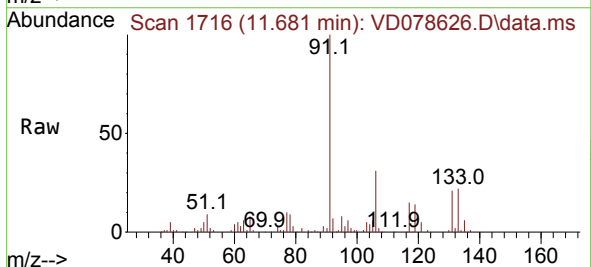
Tgt Ion:131 Resp: 30715

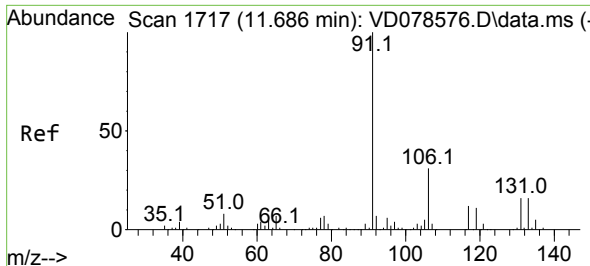
Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.5

119 68.0 35.6 106.9

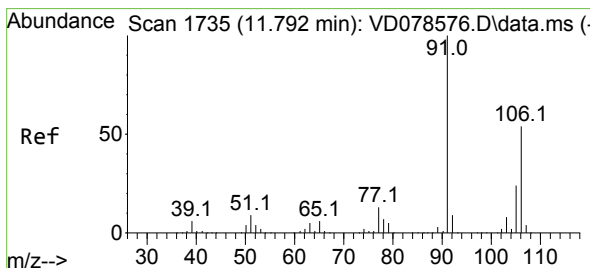
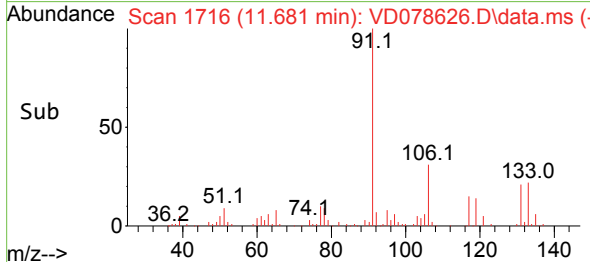
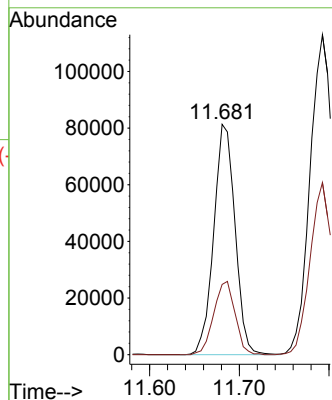
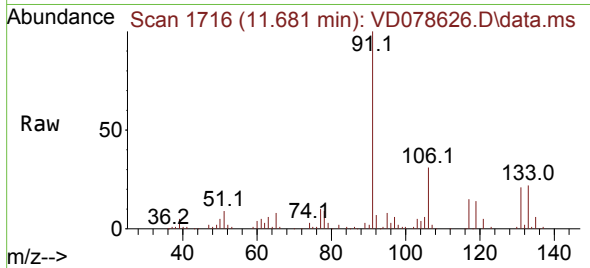




#67
Ethyl Benzene
Concen: 19.612 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

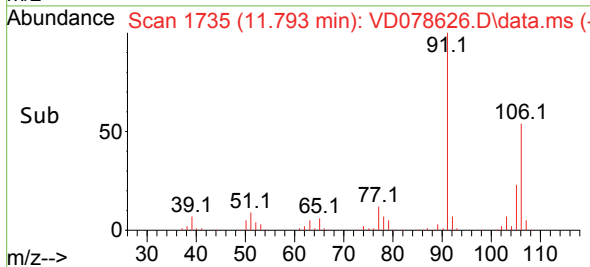
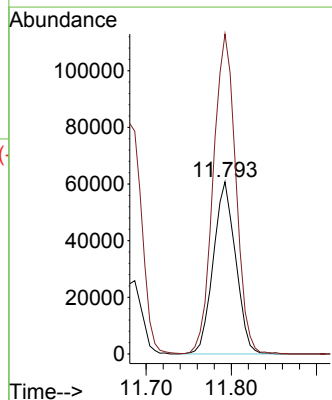
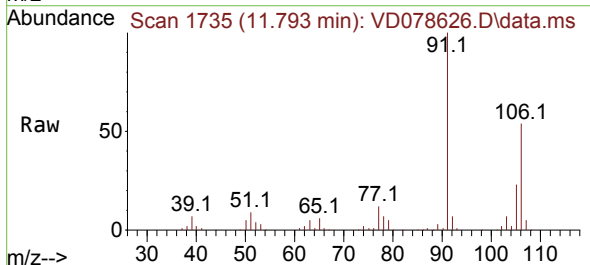
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

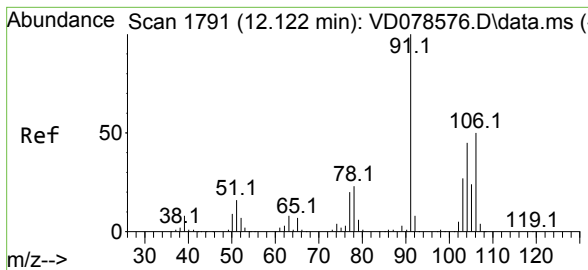
Tgt Ion: 91 Resp: 134347
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 40.004 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 106 Resp: 110866
Ion Ratio Lower Upper
106 100
91 187.8 147.0 220.6

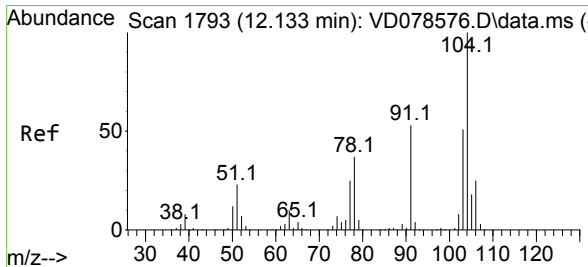
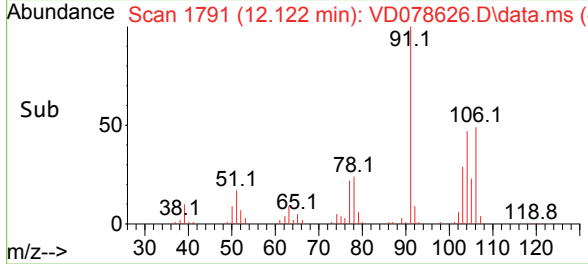
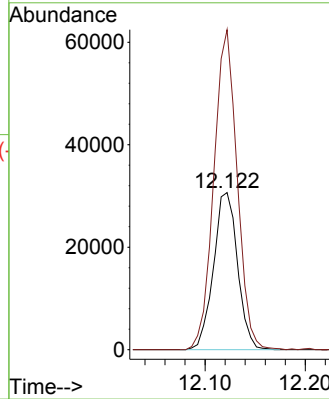
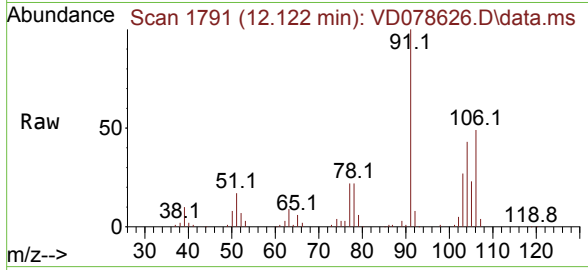




#69
o-Xylene
Concen: 20.287 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

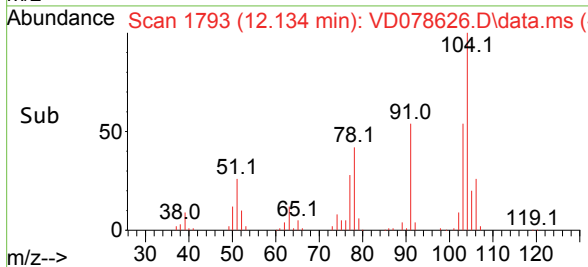
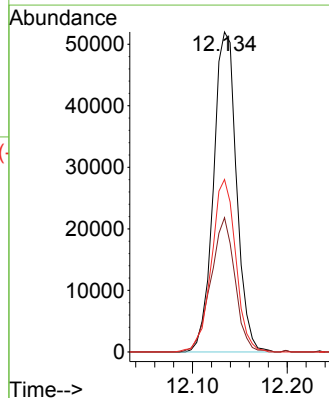
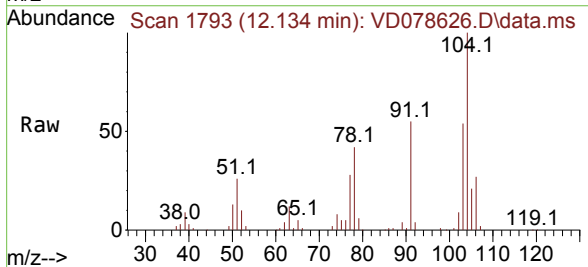
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

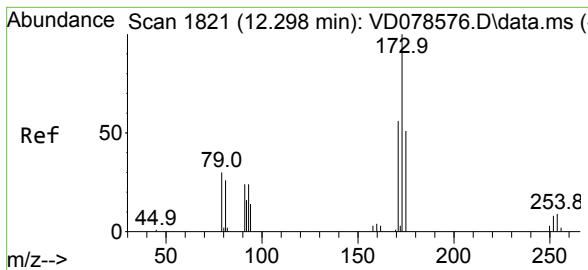
Tgt Ion:106 Resp: 51003
Ion Ratio Lower Upper
106 100
91 197.6 97.9 293.6



#70
Styrene
Concen: 20.160 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:104 Resp: 87853
Ion Ratio Lower Upper
104 100
78 43.9 33.2 49.8
103 56.5 43.6 65.4

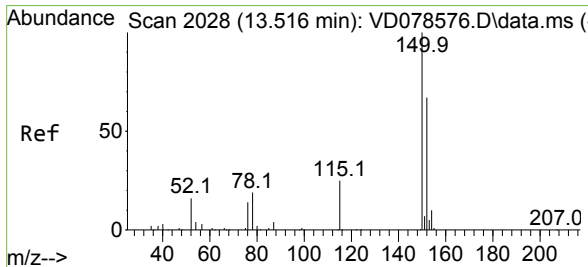
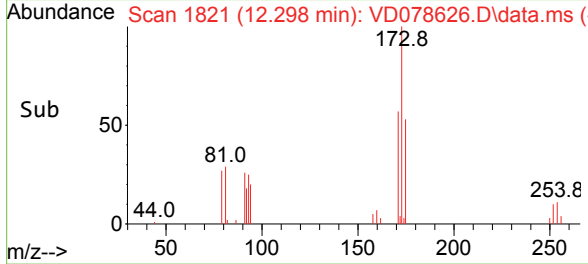
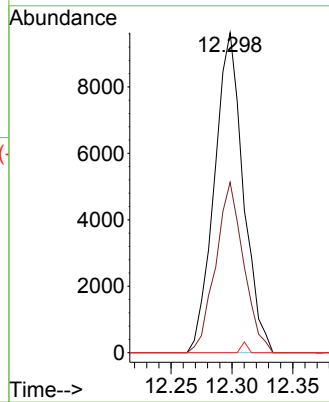
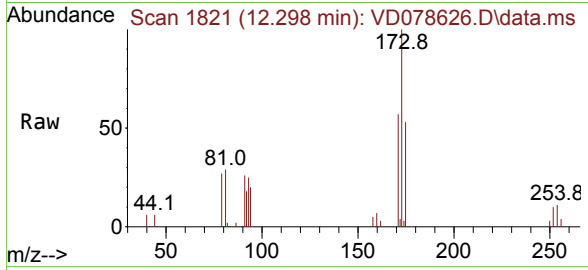




#71
Bromoform
Concen: 20.318 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

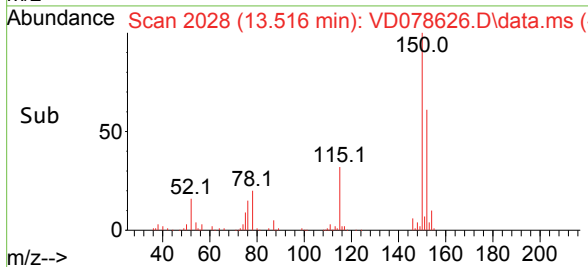
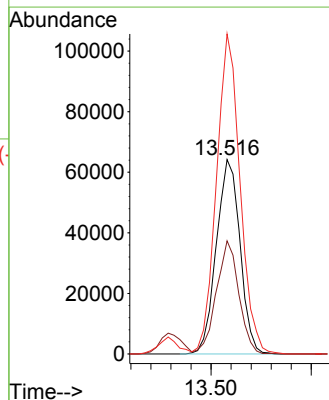
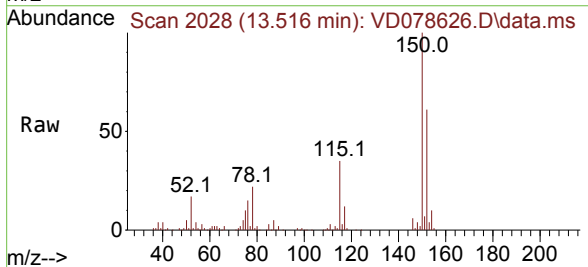
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

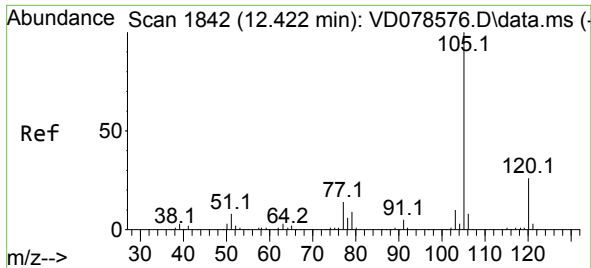
Tgt Ion:173 Resp: 15909
Ion Ratio Lower Upper
173 100
175 51.6 24.6 73.8
254 0.7 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:152 Resp: 105136
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 164.2 0.0 353.6

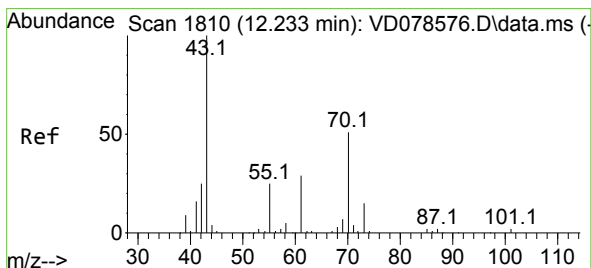
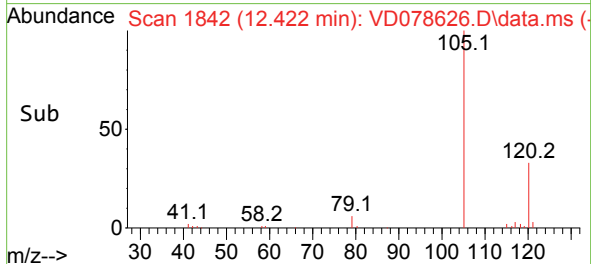
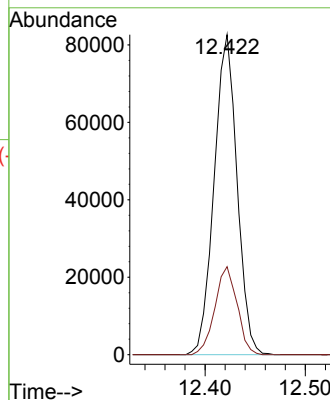
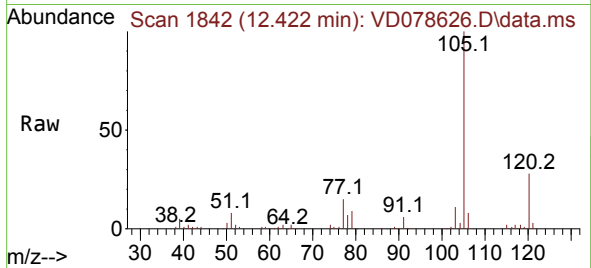




#73
Isopropylbenzene
Concen: 19.655 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

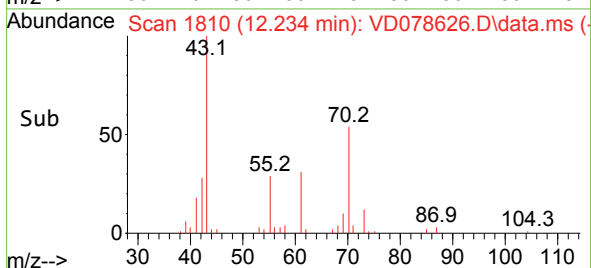
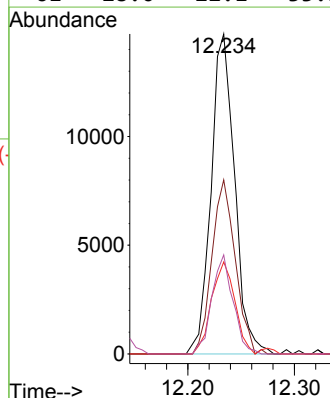
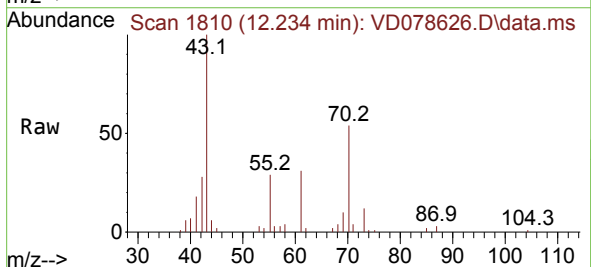
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

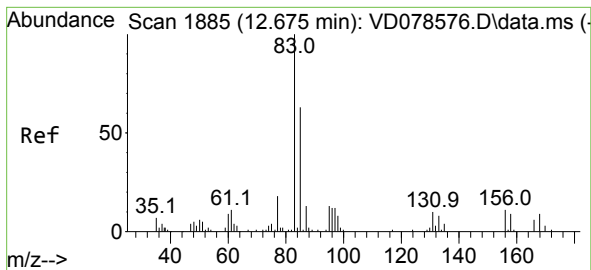
Tgt Ion:105 Resp: 130992
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 20.152 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 43 Resp: 22605
Ion Ratio Lower Upper
43 100
70 54.0 45.0 67.4
55 28.5 23.8 35.6
61 28.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.426 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

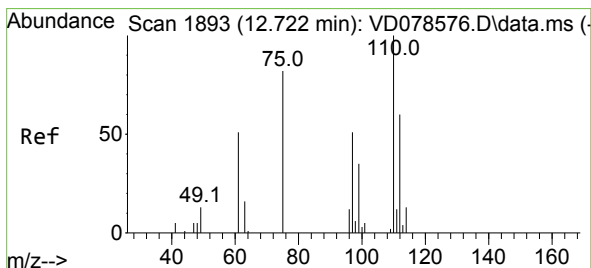
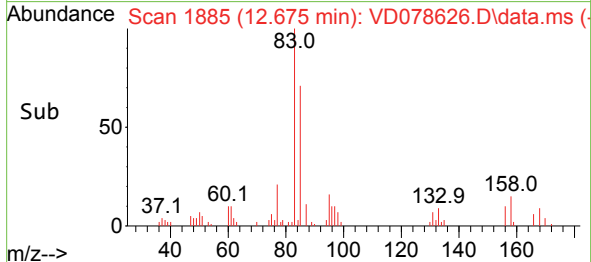
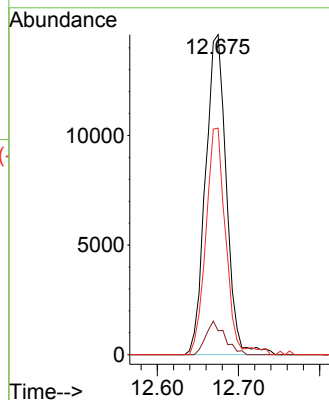
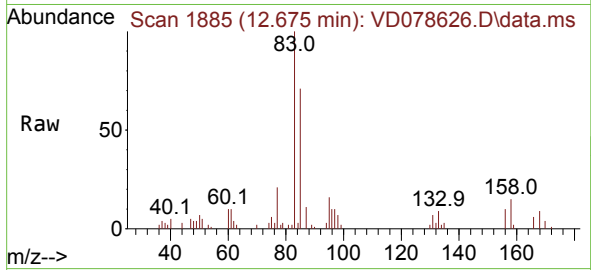
Tgt Ion: 83 Resp: 26079

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

85 67.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 37.067 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078626.D

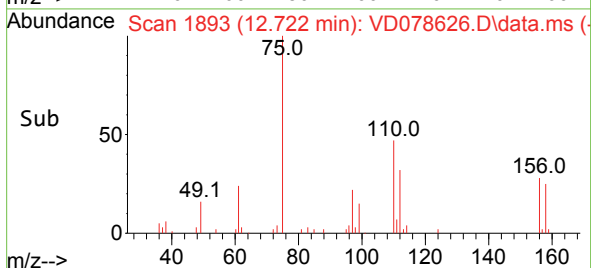
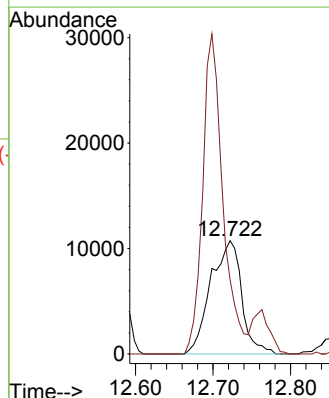
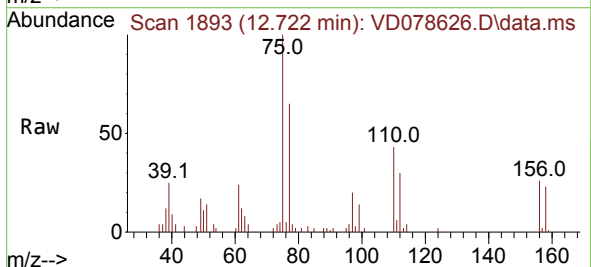
Acq: 11 Mar 2024 12:09

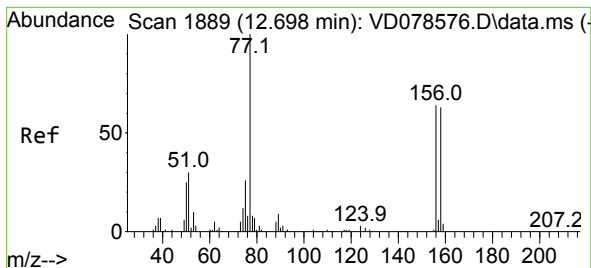
Tgt Ion: 75 Resp: 29764

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.021 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

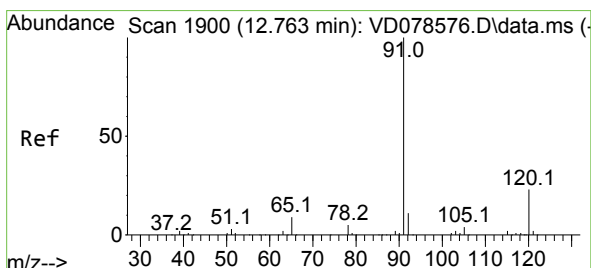
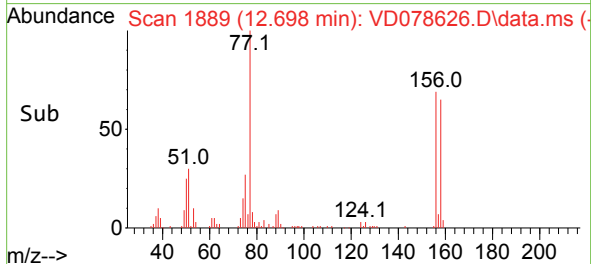
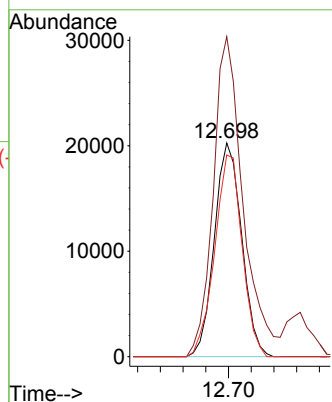
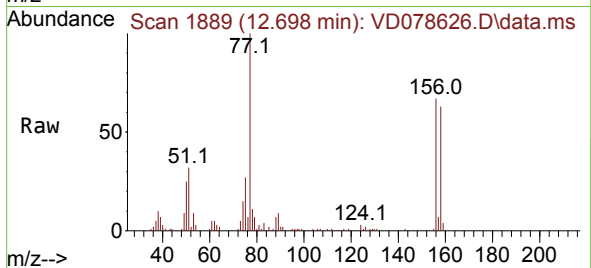
Tgt Ion:156 Resp: 33882

Ion Ratio Lower Upper

156 100

77 163.6 76.8 230.4

158 94.7 48.6 145.9



#78

n-propylbenzene

Concen: 19.823 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078626.D

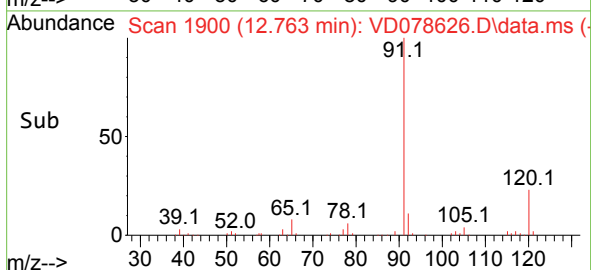
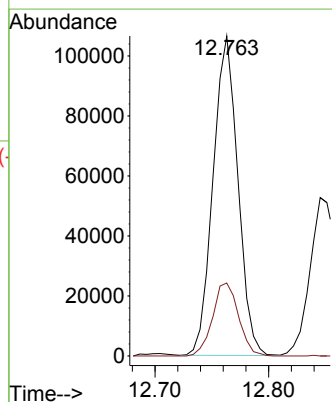
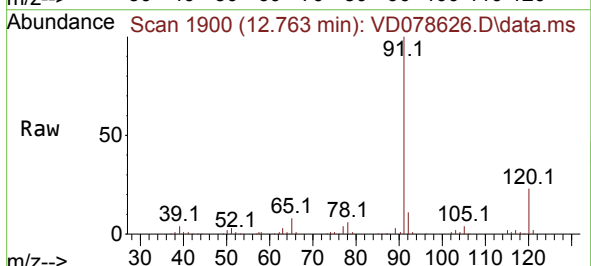
Acq: 11 Mar 2024 12:09

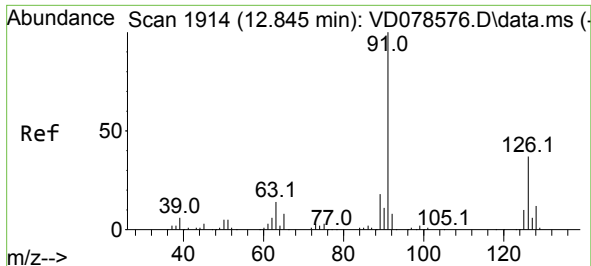
Tgt Ion: 91 Resp: 161598

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2

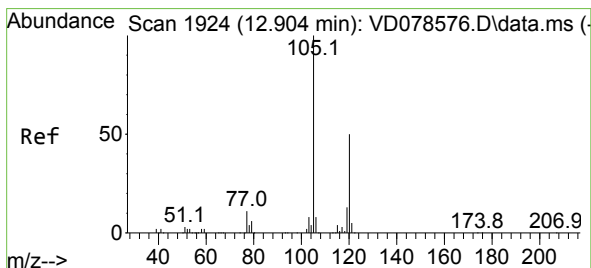
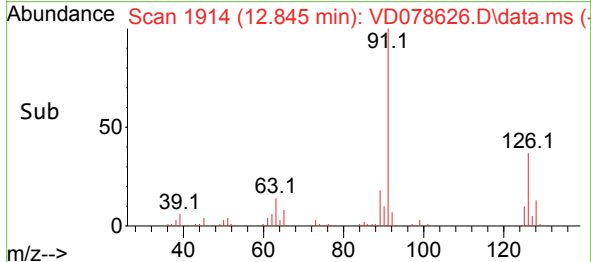
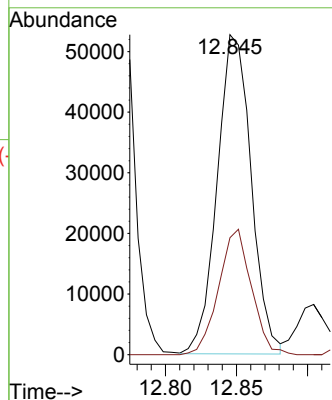
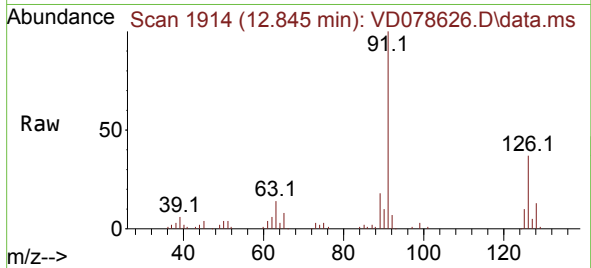




#79
2-Chlorotoluene
Concen: 20.052 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

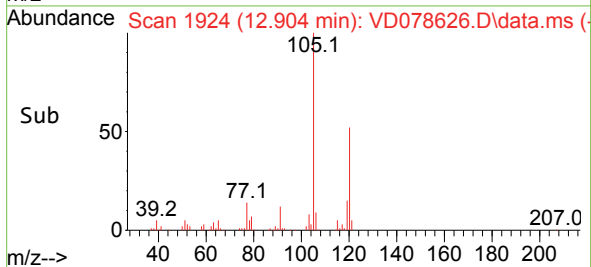
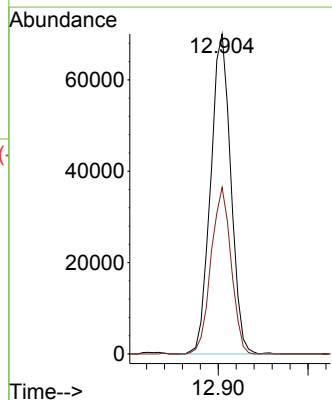
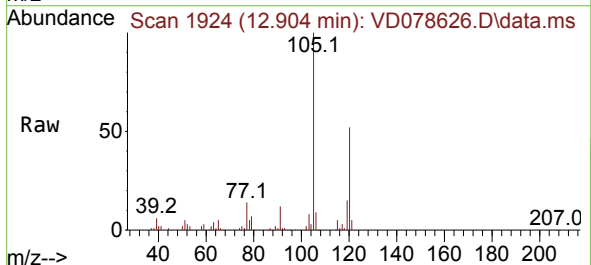
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

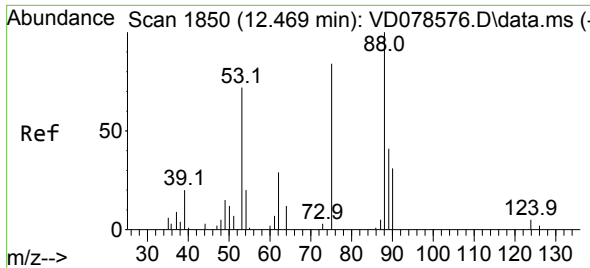
Tgt Ion: 91 Resp: 87717
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.130 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 105 Resp: 109167
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2

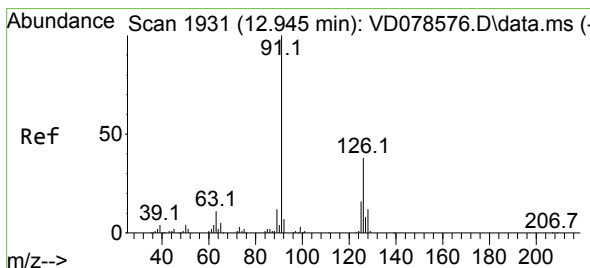
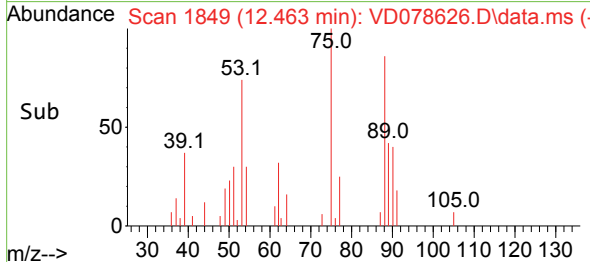
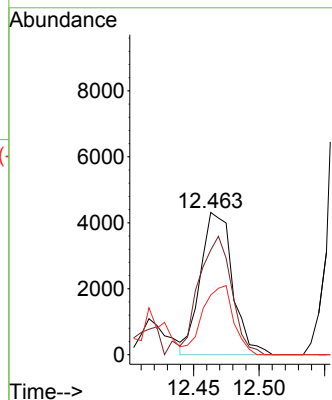
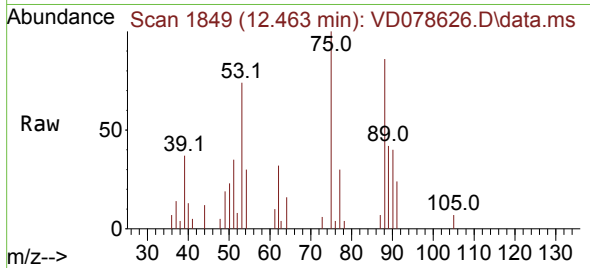




#81
trans-1,4-Dichloro-2-butene
Concen: 19.630 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

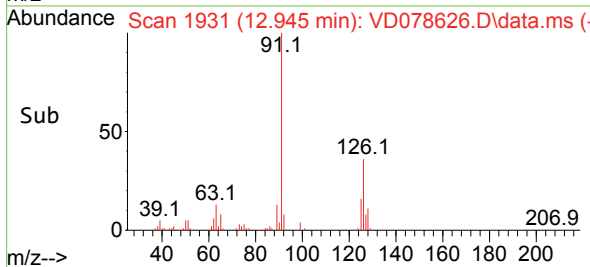
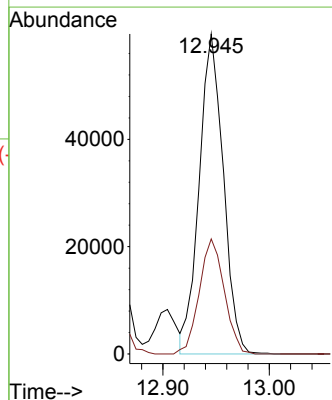
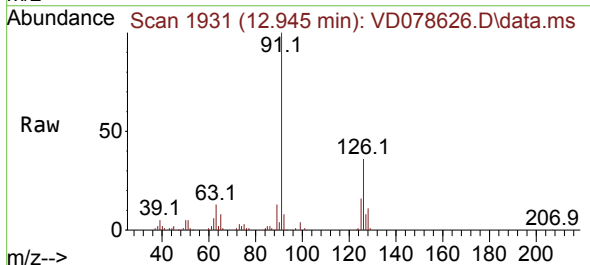
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

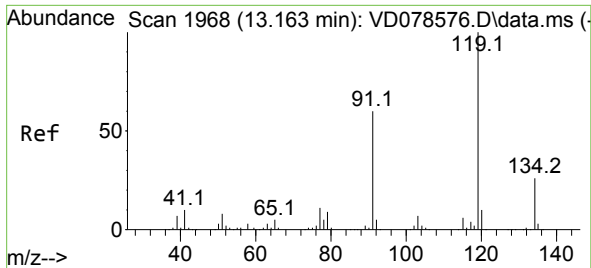
Tgt Ion: 75 Resp: 7364
Ion Ratio Lower Upper
75 100
53 83.9 63.0 94.4
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.151 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 91 Resp: 93944
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4

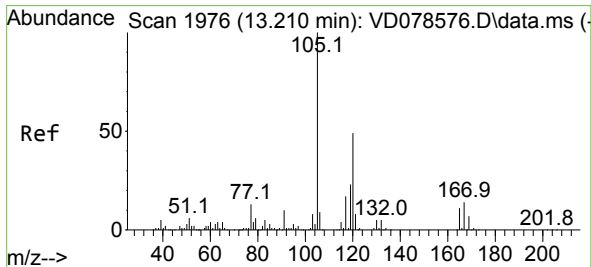
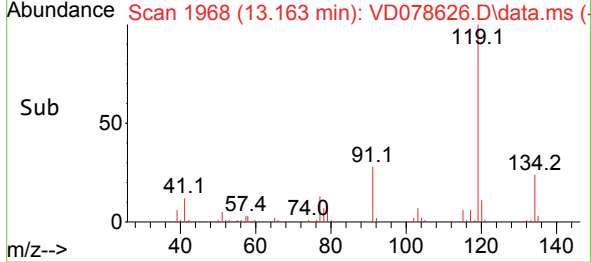
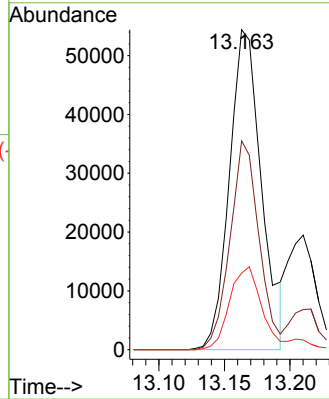
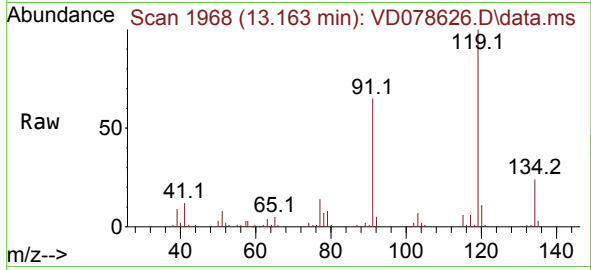




#83
tert-Butylbenzene
Concen: 19.854 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

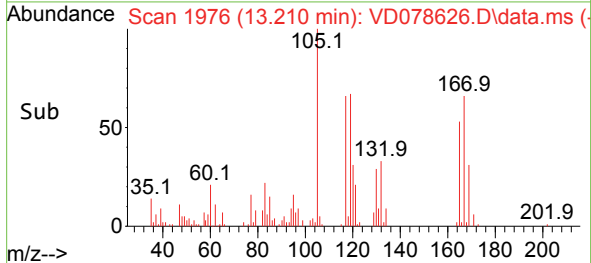
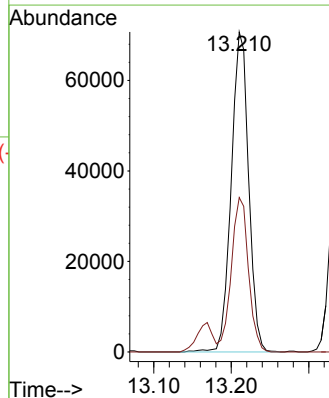
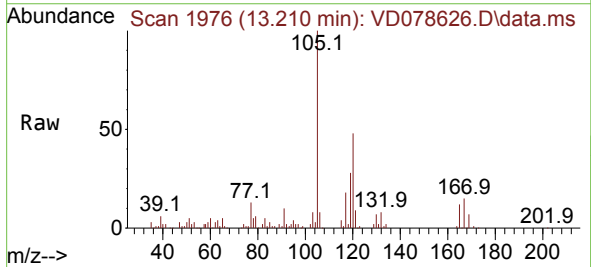
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

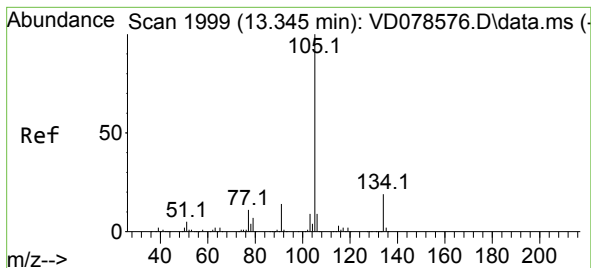
Tgt Ion:119 Resp: 92708
Ion Ratio Lower Upper
119 100
91 59.2 29.3 87.8
134 26.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.904 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:105 Resp: 110331
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.717 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

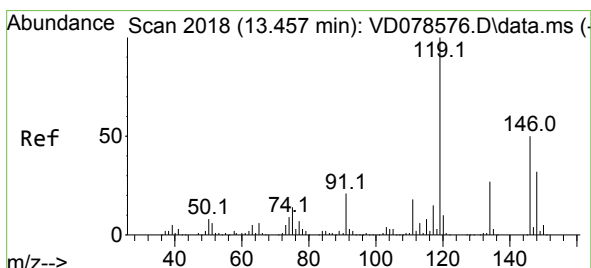
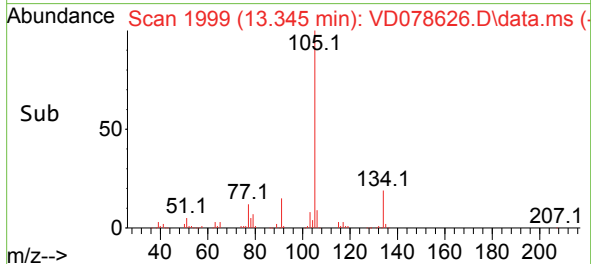
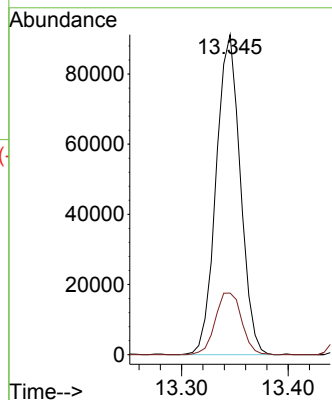
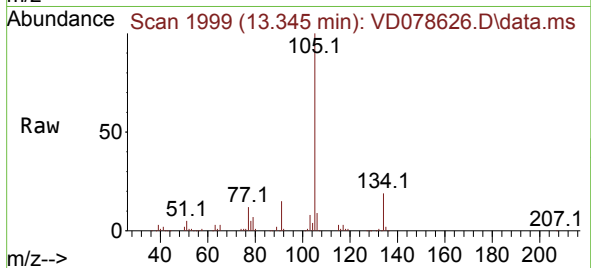
VD0311SBS01

Tgt Ion:105 Resp: 143634

Ion Ratio Lower Upper

105 100

134 21.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.549 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

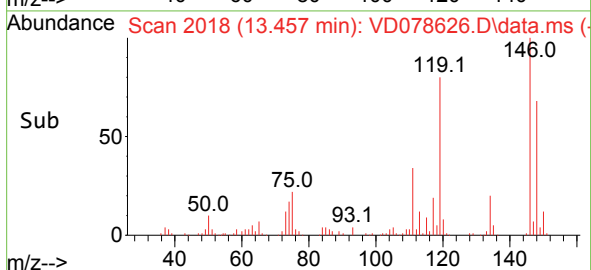
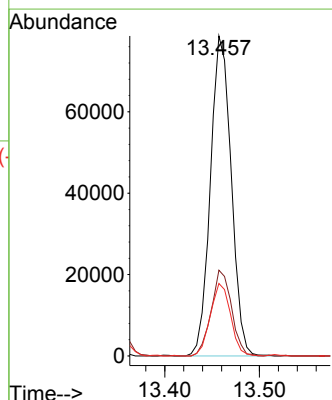
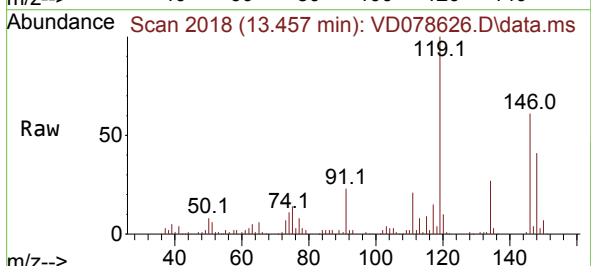
Tgt Ion:119 Resp: 119883

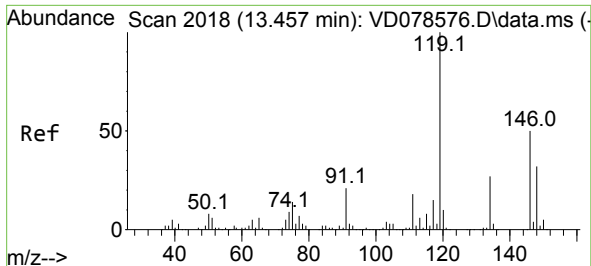
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 22.0 10.5 31.5

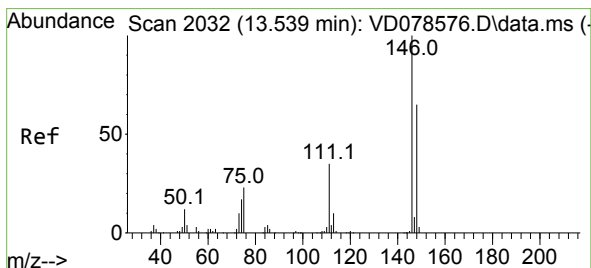
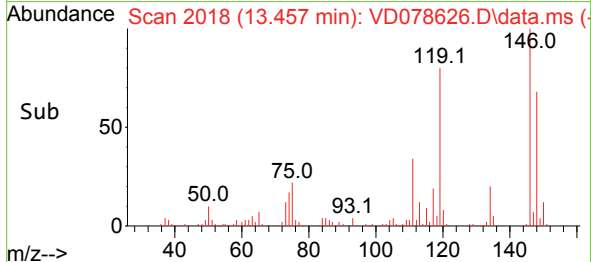
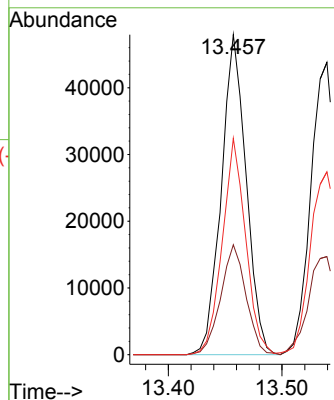
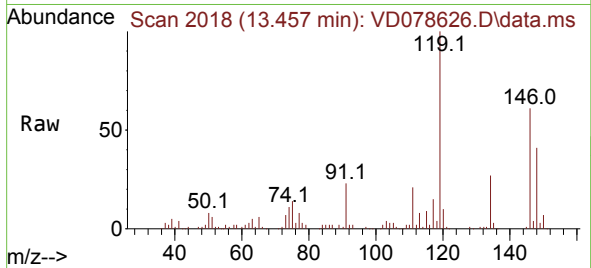




#87
1,3-Dichlorobenzene
Concen: 21.168 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

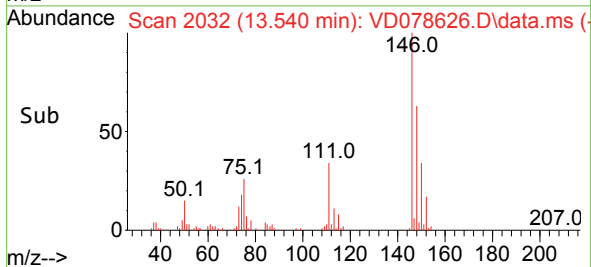
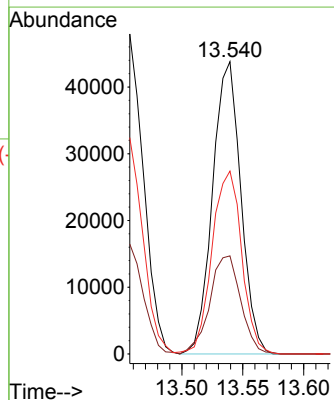
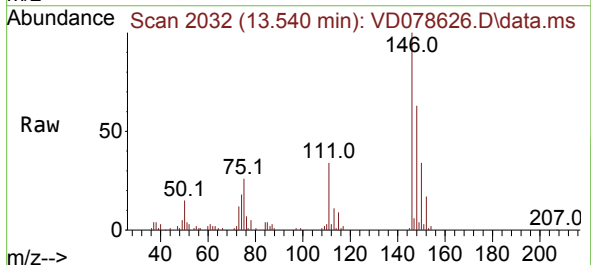
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

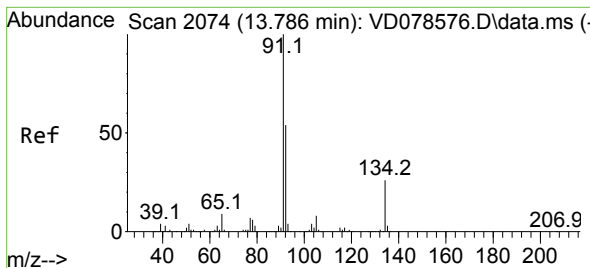
Tgt Ion:146 Resp: 72902
Ion Ratio Lower Upper
146 100
111 35.0 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.526 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion:146 Resp: 70823
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 65.6 31.7 95.1





#89

n-Butylbenzene

Concen: 19.529 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

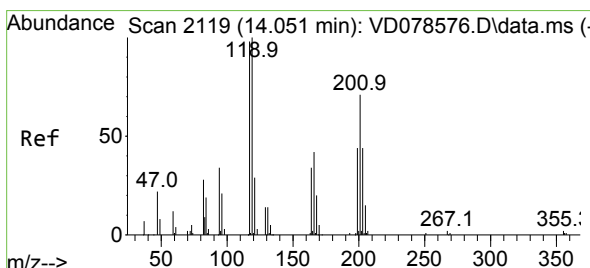
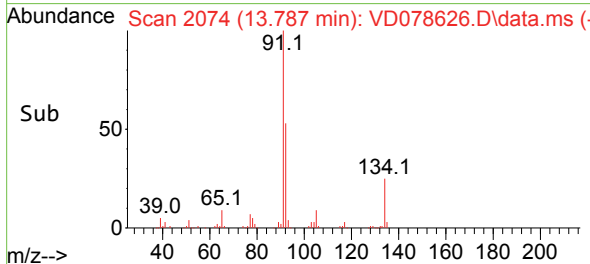
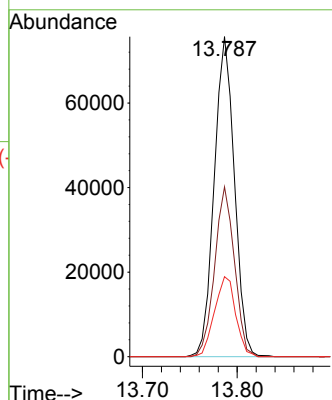
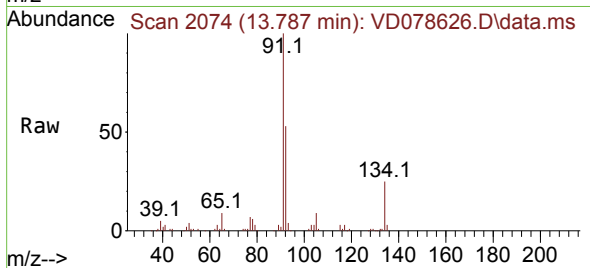
Tgt Ion: 91 Resp: 111919

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 26.4 13.8 41.3



#90

Hexachloroethane

Concen: 21.691 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078626.D

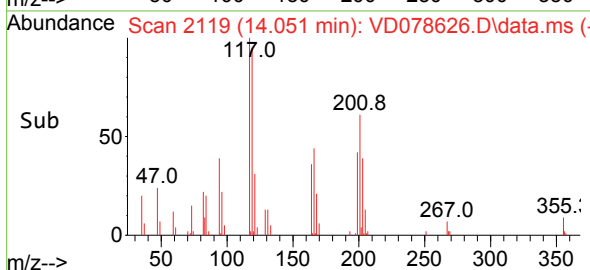
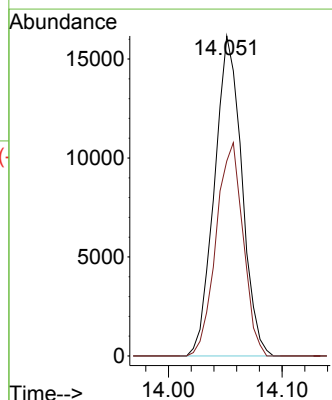
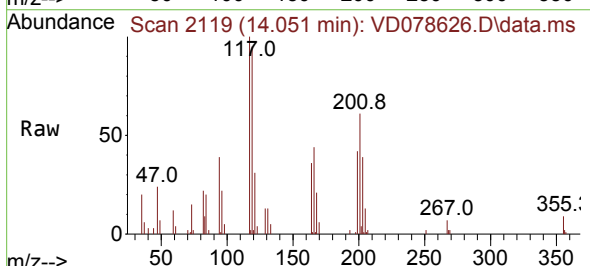
Acq: 11 Mar 2024 12:09

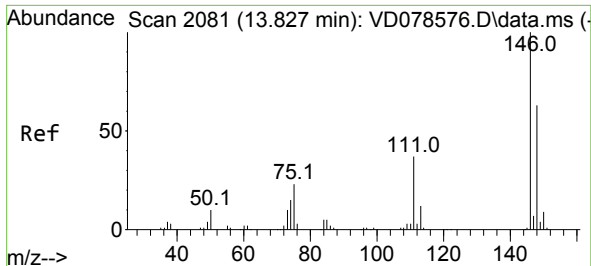
Tgt Ion: 117 Resp: 27048

Ion Ratio Lower Upper

117 100

201 65.8 38.5 115.5

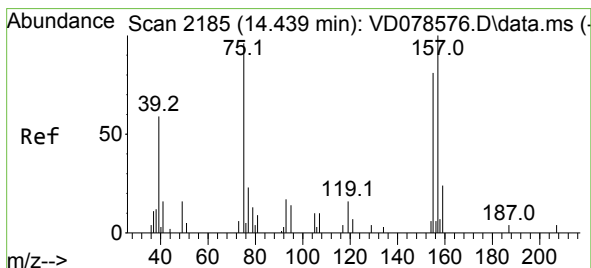
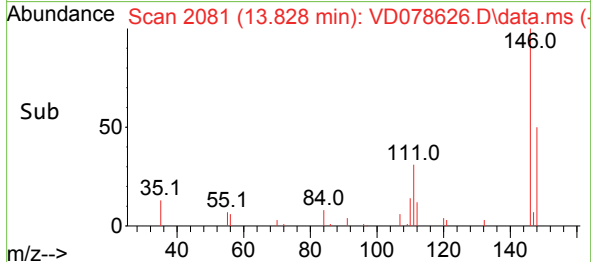
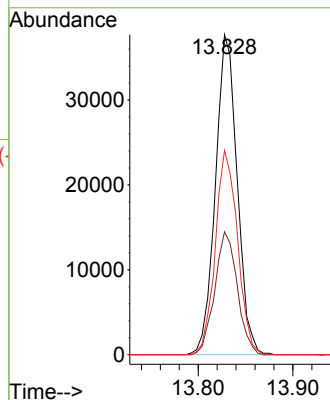
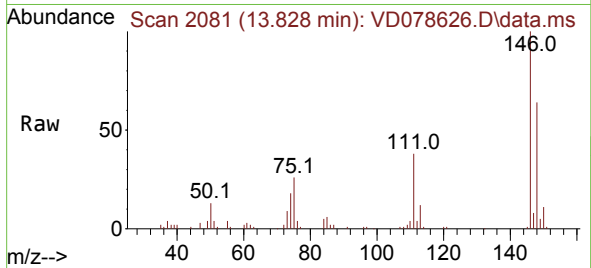




#91
1,2-Dichlorobenzene
Concen: 20.615 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

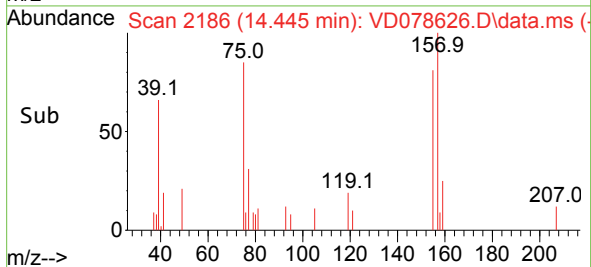
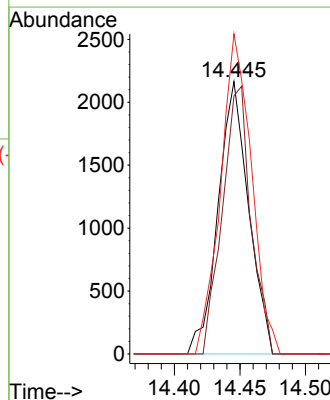
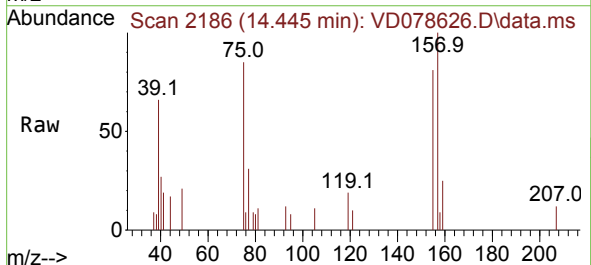
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

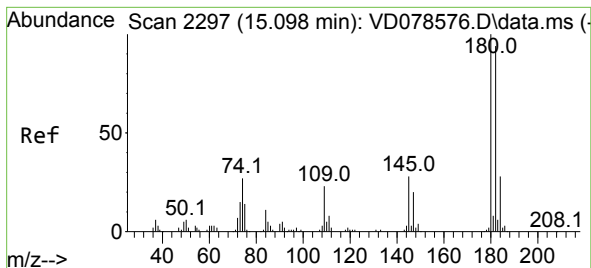
Tgt Ion:146 Resp: 60306
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 65.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.508 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078626.D
Acq: 11 Mar 2024 12:09

Tgt Ion: 75 Resp: 3490
Ion Ratio Lower Upper
75 100
155 92.5 47.9 143.8
157 119.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.244 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

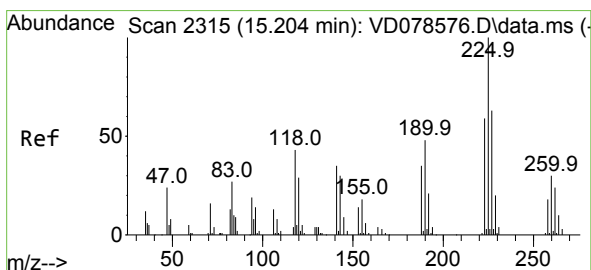
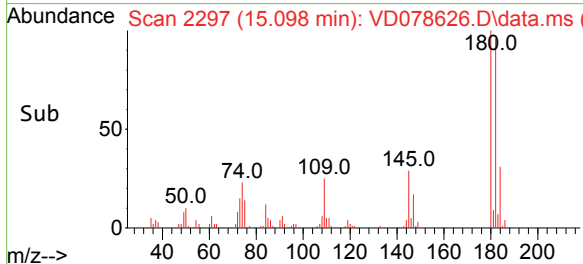
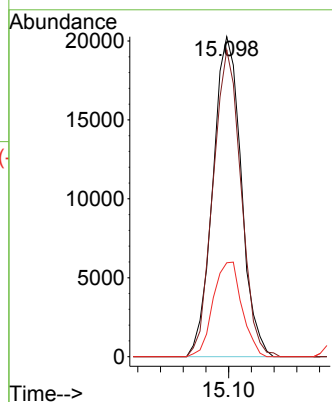
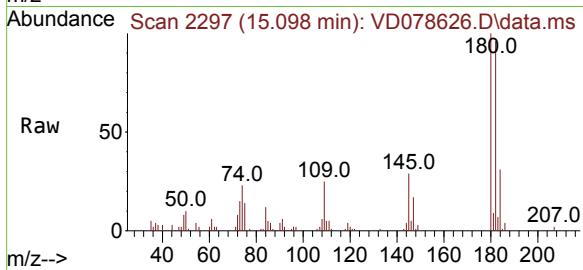
Tgt Ion:180 Resp: 35069

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.471 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

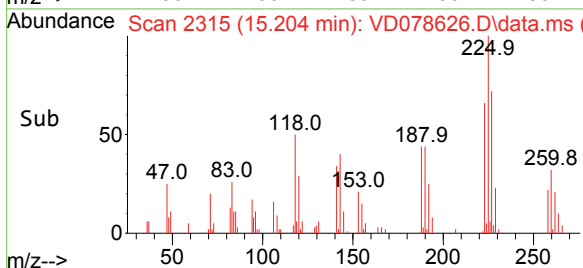
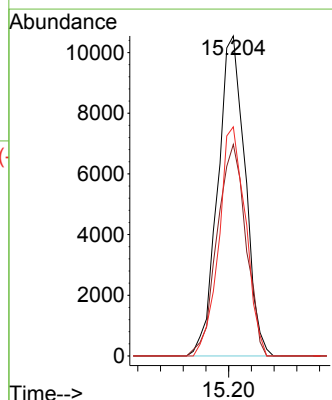
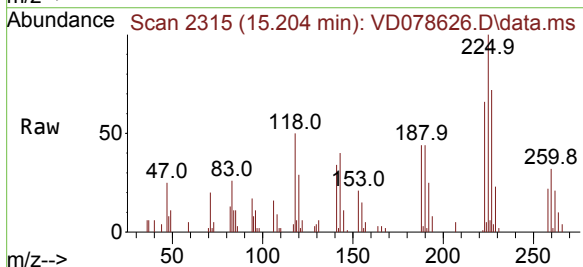
Tgt Ion:225 Resp: 17605

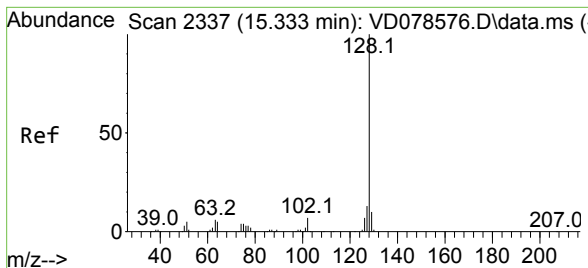
Ion Ratio Lower Upper

225 100

223 69.5 31.6 94.8

227 69.9 31.7 95.1





#95

Naphthalene

Concen: 18.924 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBS01

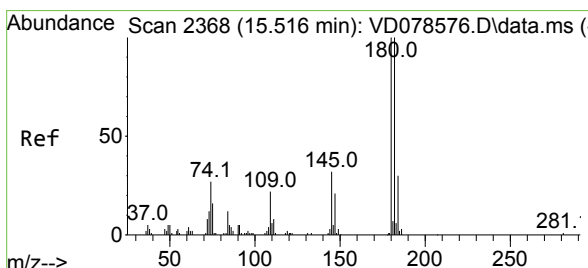
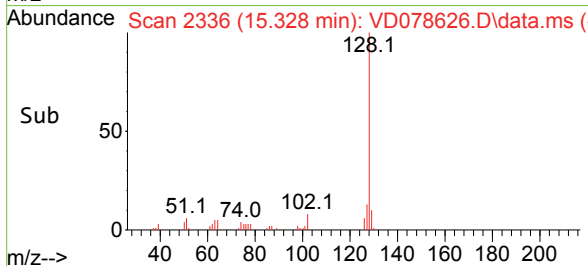
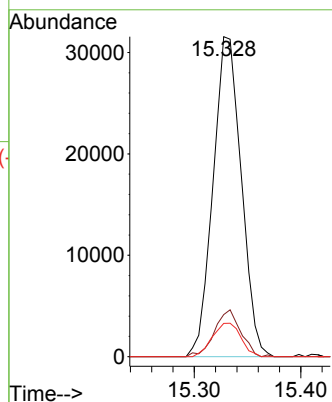
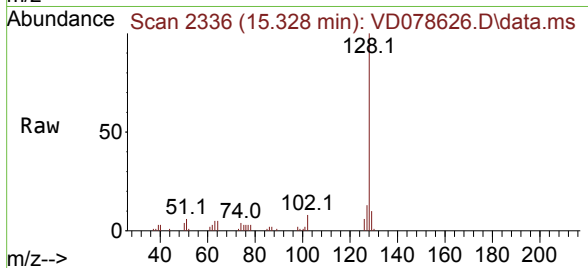
Tgt Ion:128 Resp: 57927

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.589 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078626.D

Acq: 11 Mar 2024 12:09

Tgt Ion:180 Resp: 30137

Ion Ratio Lower Upper

180 100

182 99.7 47.3 141.9

145 30.9 15.1 45.3

