

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078618.D
 Acq On : 08 Mar 2024 13:37
 Operator : RP/MD
 Sample : VD0308SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Quant Time: Mar 09 02:33:44 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	120760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61341	51.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.480%
35) Dibromofluoromethane	7.799	113	66889	49.262	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.269	98	258241	48.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.569	95	73064	48.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	22100	21.009	ug/l	98
3) Chloromethane	2.152	50	39304	20.293	ug/l	93
4) Vinyl Chloride	2.281	62	60891	20.514	ug/l	99
5) Bromomethane	2.681	94	50952	21.492	ug/l	95
6) Chloroethane	2.828	64	47310	21.504	ug/l	98
7) Trichlorofluoromethane	3.170	101	39168	19.514	ug/l	99
8) Diethyl Ether	3.587	74	11145	19.775	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.970	101	24404	19.292	ug/l	96
10) Methyl Iodide	4.158	142	21420	16.182	ug/l #	86
11) Tert butyl alcohol	5.075	59	6966	121.649	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	21839	18.493	ug/l	96
13) Acrolein	3.793	56	10007	84.291	ug/l	98
14) Allyl chloride	4.558	41	26054	19.370	ug/l	92
15) Acrylonitrile	5.264	53	24486	105.381	ug/l	98
16) Acetone	4.028	43	23998	104.640	ug/l	90
17) Carbon Disulfide	4.264	76	69619	17.694	ug/l #	94
18) Methyl Acetate	4.569	43	8867	20.426	ug/l #	84
19) Methyl tert-butyl Ether	5.317	73	46434	19.338	ug/l	100
20) Methylene Chloride	4.799	84	39534	18.441	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	25737	18.138	ug/l	91
22) Diisopropyl ether	6.216	45	59115	19.602	ug/l #	94
23) Vinyl Acetate	6.158	43	180908	101.005	ug/l	93
24) 1,1-Dichloroethane	6.099	63	45324	19.894	ug/l	99
25) 2-Butanone	7.087	43	31019	107.224	ug/l	88
26) 2,2-Dichloropropane	7.075	77	36772	19.105	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	29996	19.306	ug/l	97
28) Bromochloromethane	7.422	49	18845	22.141	ug/l	87
29) Tetrahydrofuran	7.446	42	15565	96.845	ug/l	98
30) Chloroform	7.593	83	49422	20.091	ug/l	94
31) Cyclohexane	7.875	56	32790	17.501	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	41654	19.738	ug/l	99
36) 1,1-Dichloropropene	8.005	75	33617	17.891	ug/l	97
37) Ethyl Acetate	7.169	43	11265	18.503	ug/l #	94
38) Carbon Tetrachloride	7.993	117	36209	18.425	ug/l #	80
39) Methylcyclohexane	9.269	83	36628	16.609	ug/l	99
40) Benzene	8.252	78	102124	18.337	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5916	18.130	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	27830	19.697	ug/l	99
43) Isopropyl Acetate	8.358	43	21999	18.848	ug/l #	78
44) Trichloroethene	9.022	130	26731	17.491	ug/l	98
45) 1,2-Dichloropropane	9.305	63	24995	18.683	ug/l	95
46) Dibromomethane	9.387	93	15801	20.487	ug/l	89
47) Bromodichloromethane	9.581	83	36818	19.360	ug/l #	99
48) Methyl methacrylate	9.381	41	9147	17.300	ug/l #	85
49) 1,4-Dioxane	9.381	88	3303	437.067	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	60742	100.825	ug/l	93
52) Toluene	10.334	92	65075	18.210	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	32709	18.592	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	38211	18.140	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	19926	18.348	ug/l	94
56) Ethyl methacrylate	10.599	69	19690	18.089	ug/l	92
57) 1,3-Dichloropropane	10.881	76	32936	18.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	57161	130.744	ug/l	98
59) 2-Hexanone	10.922	43	47706	106.761	ug/l	89
60) Dibromochloromethane	11.069	129	25516	19.458	ug/l	100
61) 1,2-Dibromoethane	11.175	107	19531	19.596	ug/l	98
64) Tetrachloroethene	10.804	164	22606	18.347	ug/l	92
65) Chlorobenzene	11.604	112	72488	18.797	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	27393	19.081	ug/l	94
67) Ethyl Benzene	11.681	91	119135	17.830	ug/l	97
68) m/p-Xylenes	11.793	106	95794	35.438	ug/l	94
69) o-Xylene	12.116	106	43075	17.565	ug/l	91
70) Styrene	12.134	104	76481	17.993	ug/l	98
71) Bromoform	12.299	173	14677	19.217	ug/l #	99
73) Isopropylbenzene	12.422	105	111441	17.207	ug/l	98
74) N-amyl acetate	12.234	43	20112	18.450	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24994	20.145	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	27038	34.650	ug/l #	100
77) Bromobenzene	12.698	156	28863	18.427	ug/l	95
78) n-propylbenzene	12.763	91	144750	18.272	ug/l	96
79) 2-Chlorotoluene	12.846	91	78381	18.438	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	94676	17.965	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7697	21.113	ug/l	92
82) 4-Chlorotoluene	12.946	91	82846	18.286	ug/l	98
83) tert-Butylbenzene	13.163	119	82958	18.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	95571	17.742	ug/l	98
85) sec-Butylbenzene	13.345	105	126379	17.852	ug/l	96
86) p-Isopropyltoluene	13.457	119	105082	17.633	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	60935	18.207	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	62532	18.649	ug/l	99
89) n-Butylbenzene	13.787	91	96279	17.287	ug/l	98
90) Hexachloroethane	14.051	117	22660	18.700	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	52041	18.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3315	20.045	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	29962	17.798	ug/l	98
94) Hexachlorobutadiene	15.204	225	16425	17.733	ug/l	97
95) Naphthalene	15.328	128	53846	18.101	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	25722	17.205	ug/l	95

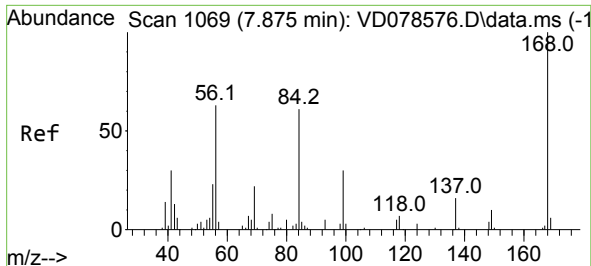
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
Data File : VD078618.D
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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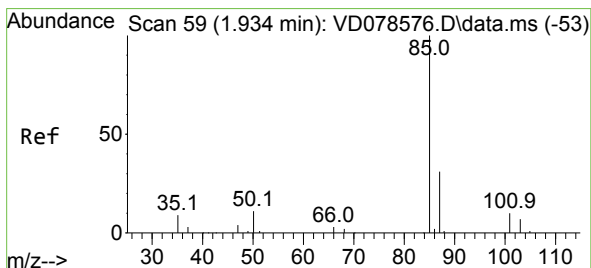
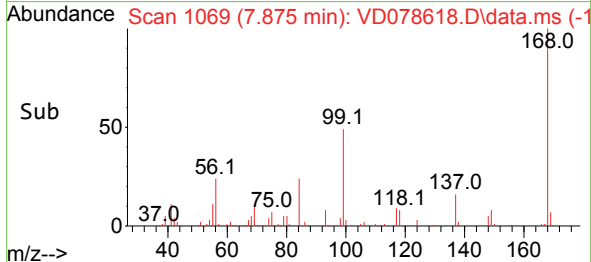
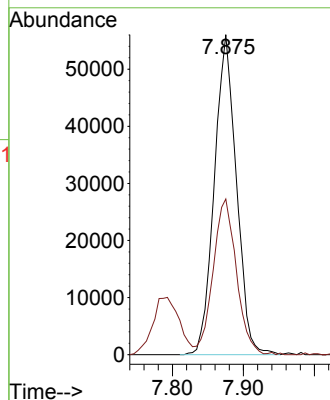
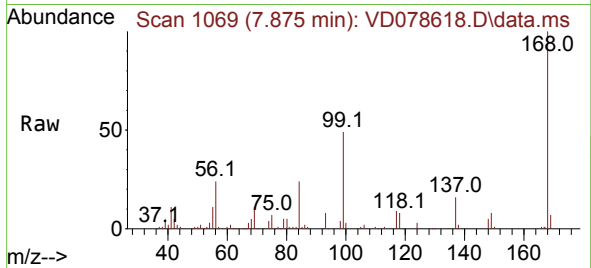
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

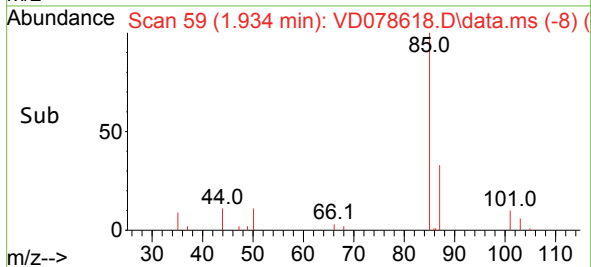
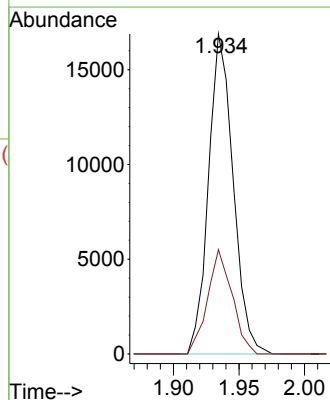
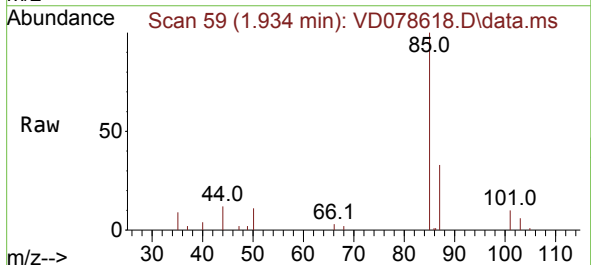
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

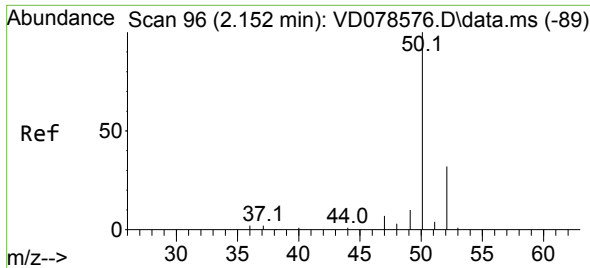
Tgt Ion:168 Resp: 120760
Ion Ratio Lower Upper
168 100
99 48.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 21.009 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 85 Resp: 22100
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0

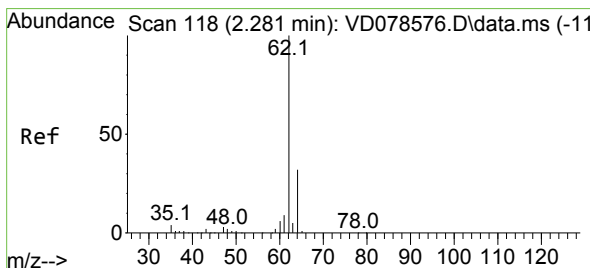
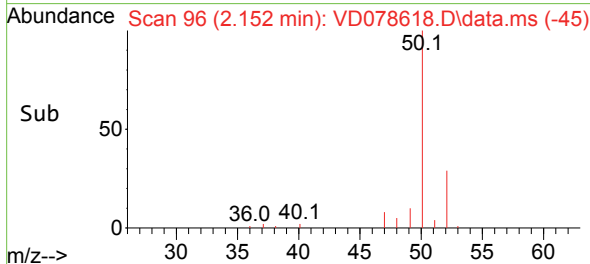
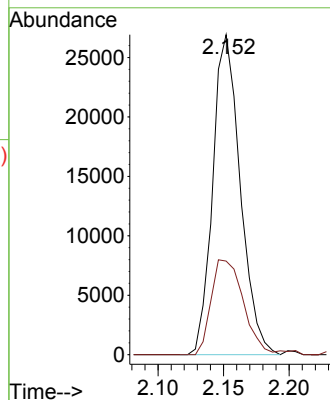
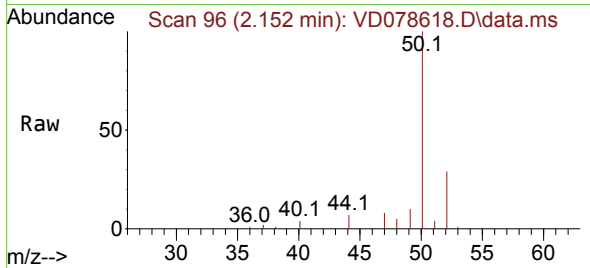




#3
Chloromethane
Concen: 20.293 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

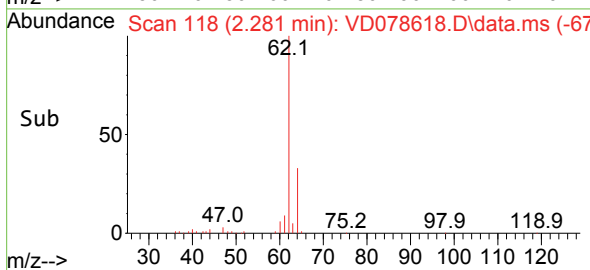
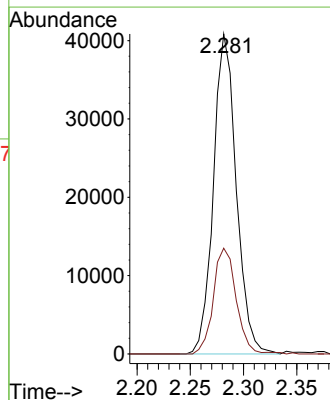
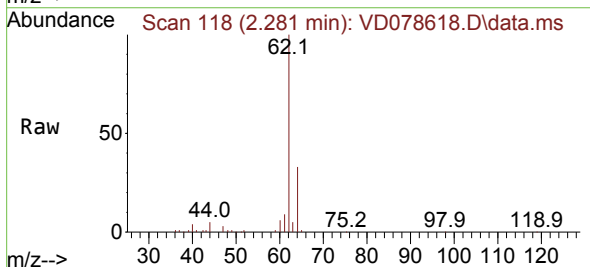
Instrument :
MSVOA_D
ClientSampleId :
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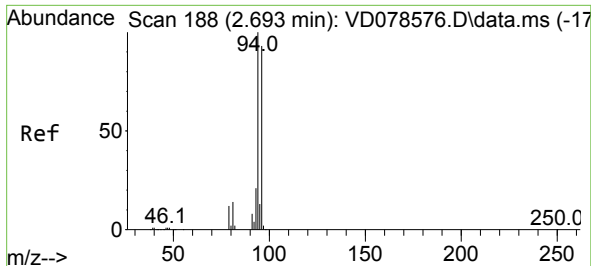
Tgt Ion: 50 Resp: 39304
Ion Ratio Lower Upper
50 100
52 29.2 26.6 40.0



#4
Vinyl Chloride
Concen: 20.514 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 62 Resp: 60891
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

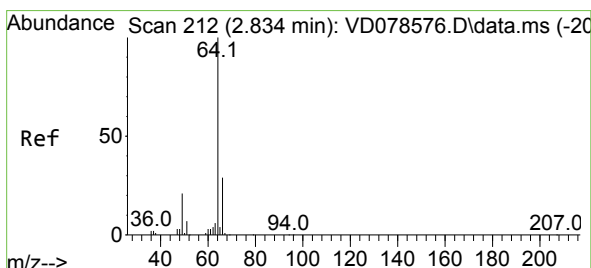
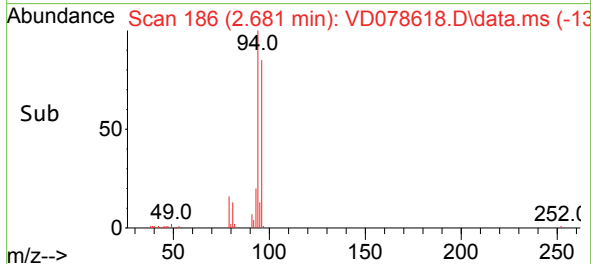
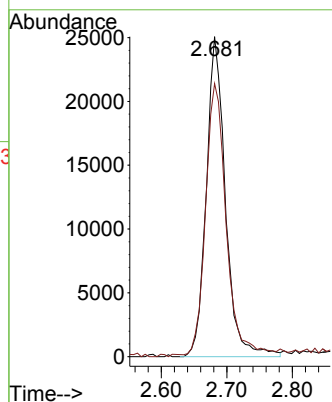
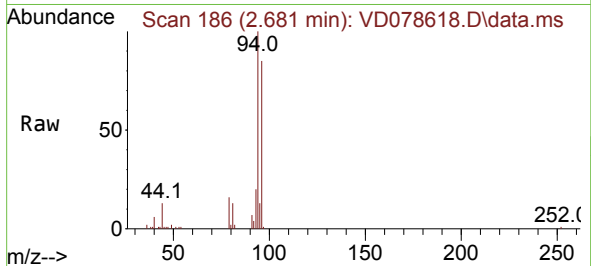




#5
Bromomethane
Concen: 21.492 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

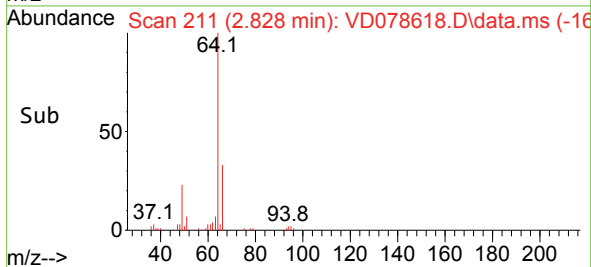
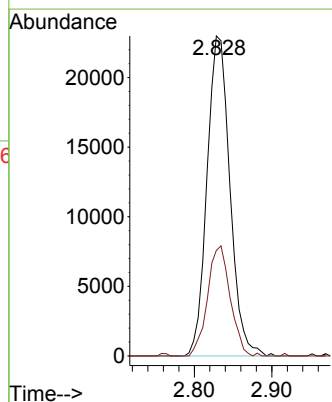
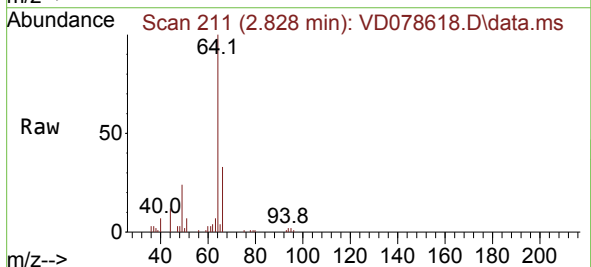
Instrument :
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ClientSampleId :
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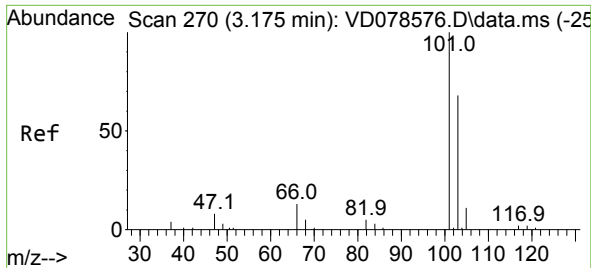
Tgt Ion: 94 Resp: 50952
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.8



#6
Chloroethane
Concen: 21.504 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 64 Resp: 47310
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

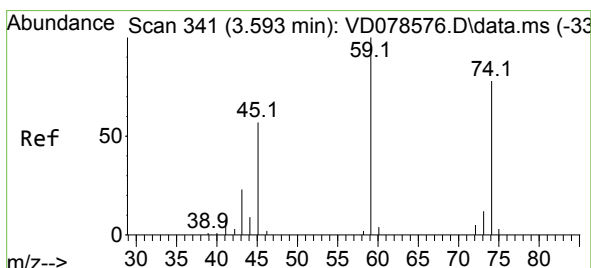
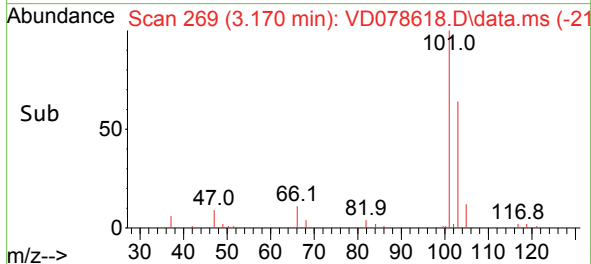
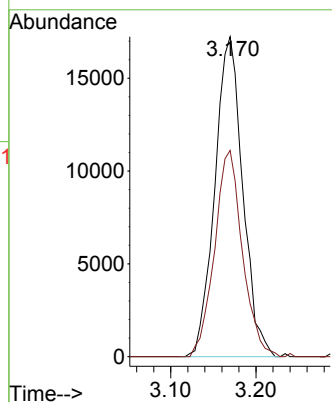
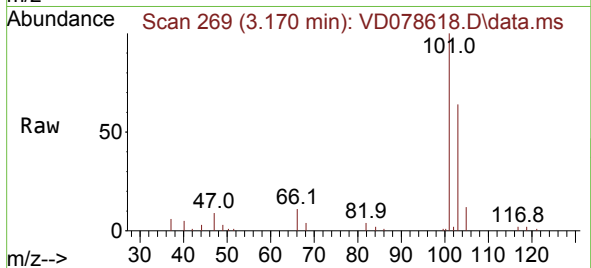




#7
 Trichlorofluoromethane
 Concen: 19.514 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.005 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

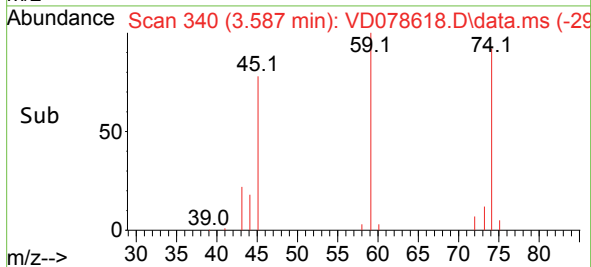
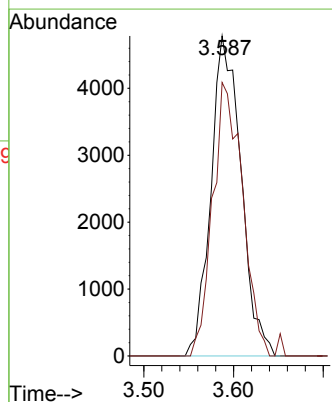
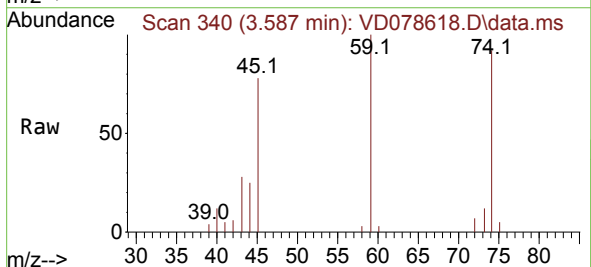
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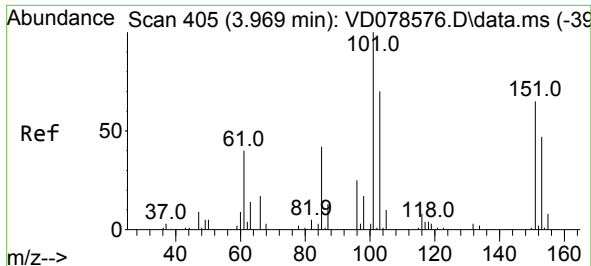
Tgt Ion:101 Resp: 39168
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.775 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.005 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 74 Resp: 11145
 Ion Ratio Lower Upper
 74 100
 45 84.6 37.5 112.7

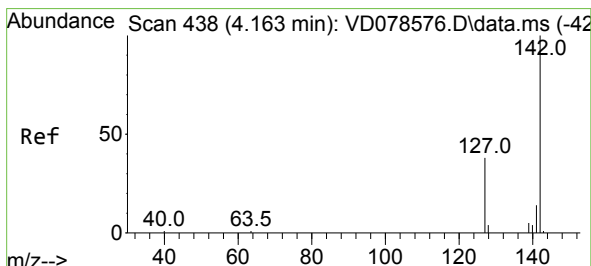
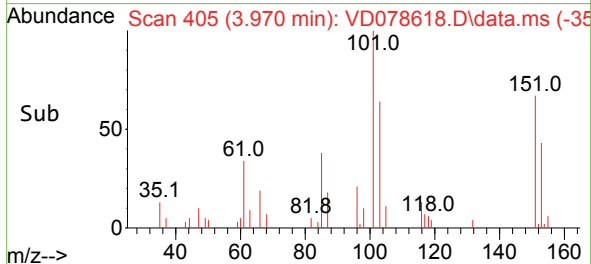
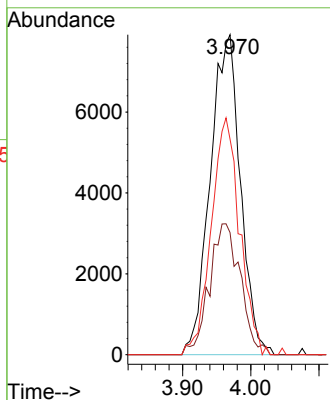
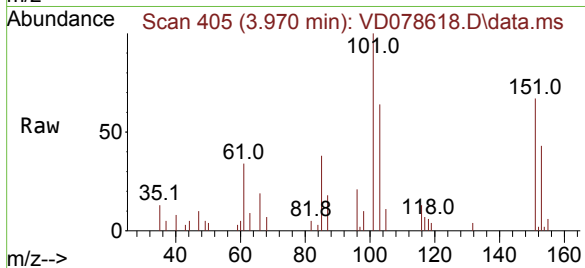




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.292 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078618.D
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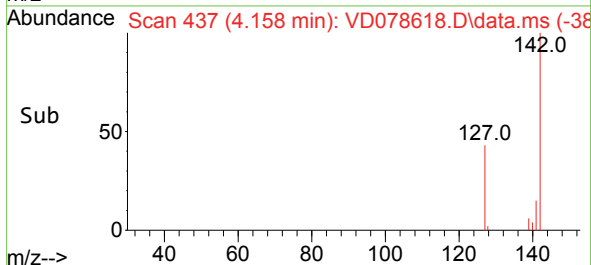
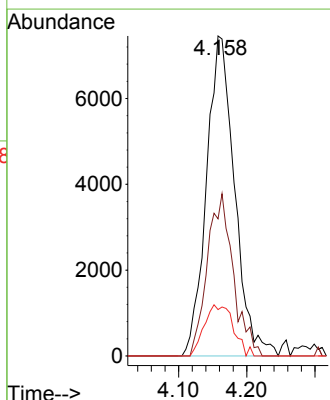
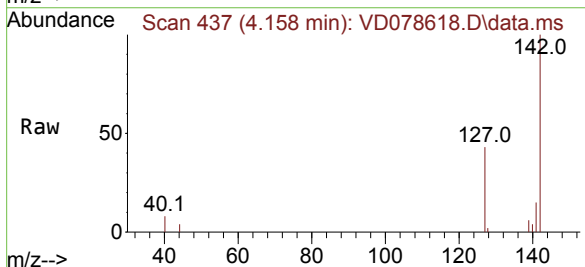
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

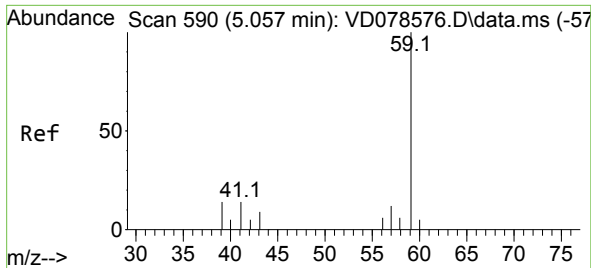
Tgt Ion:101	Resp:	24404
Ion	Ratio	Lower Upper
101	100	
85	42.1	33.8 50.6
151	69.7	59.8 89.6



#10
Methyl Iodide
Concen: 16.182 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:142	Resp:	21420
Ion	Ratio	Lower Upper
142	100	
127	46.6	29.4 44.0#
141	16.4	11.1 16.7





#11

Tert butyl alcohol

Concen: 121.649 ug/l

RT: 5.075 min Scan# 59

Delta R.T. 0.018 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

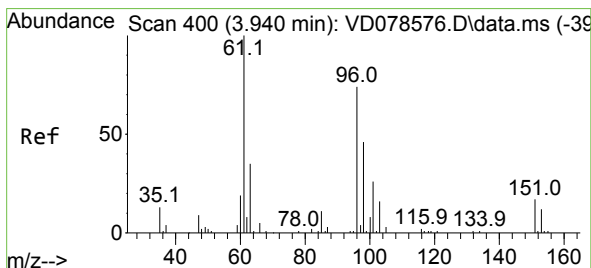
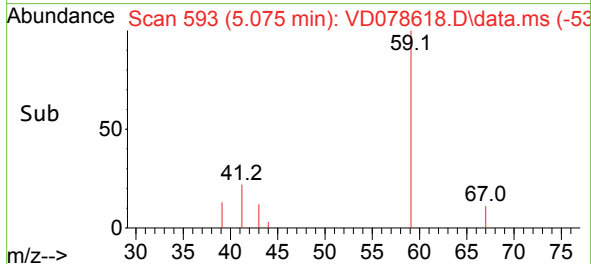
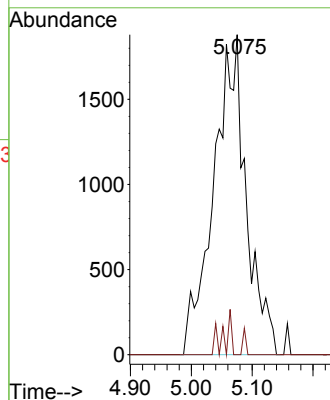
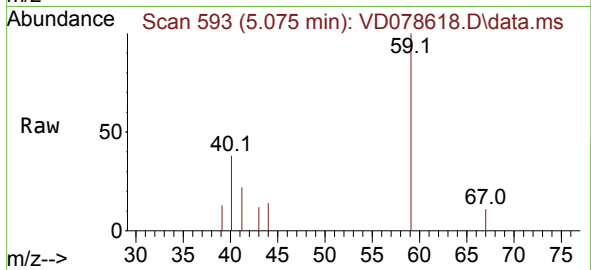
VD0308SBS01

Tgt Ion: 59 Resp: 6966

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.493 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

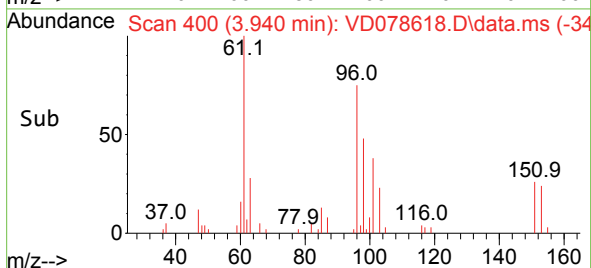
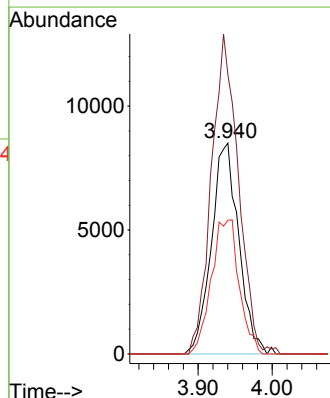
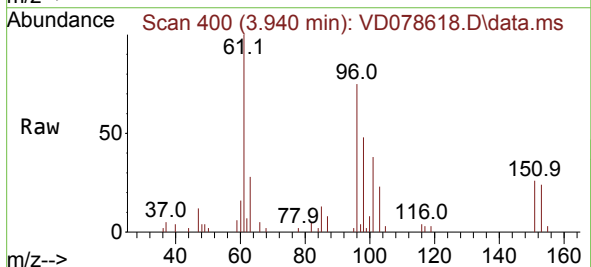
Tgt Ion: 96 Resp: 21839

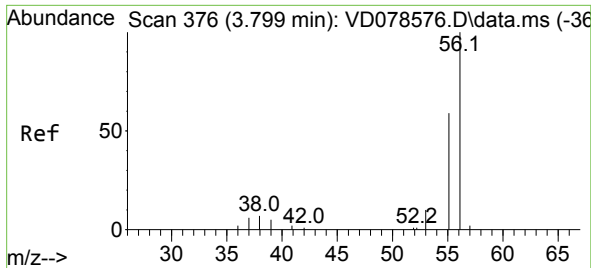
Ion Ratio Lower Upper

96 100

61 132.5 100.6 150.8

98 63.4 50.2 75.2

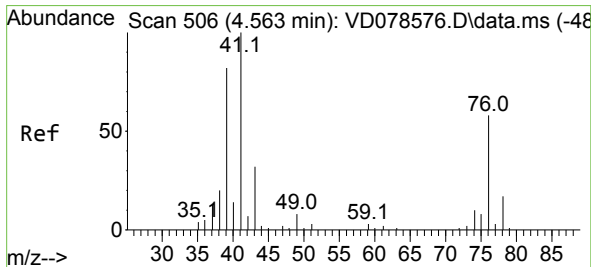
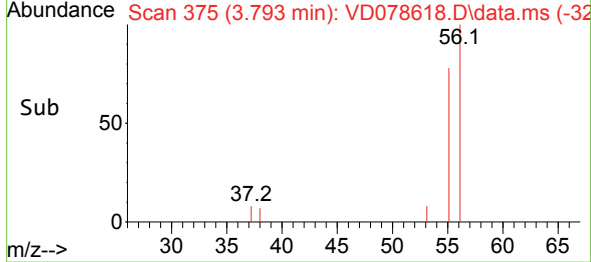
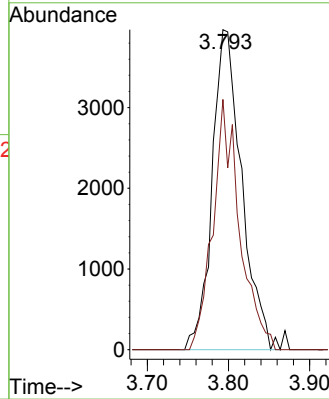
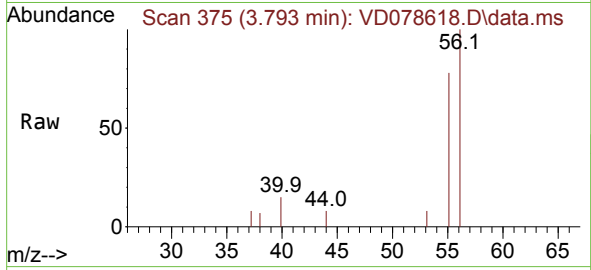




#13
Acrolein
Concen: 84.291 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

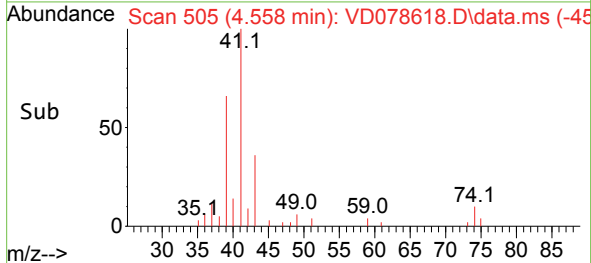
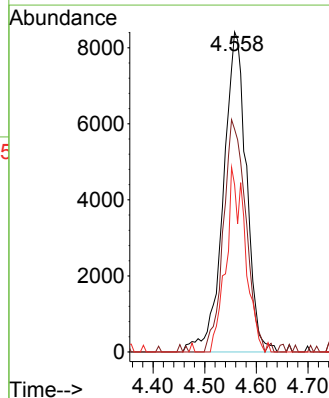
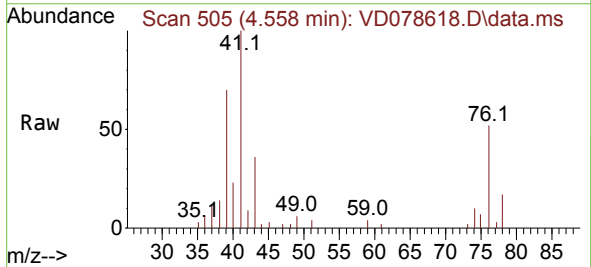
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

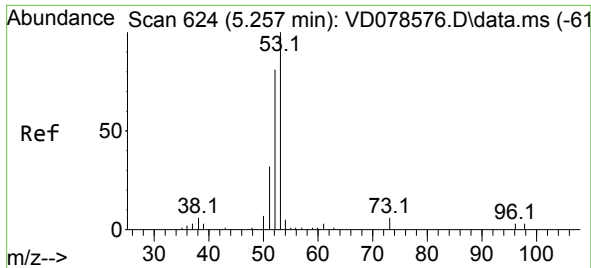
Tgt Ion: 56 Resp: 10007
Ion Ratio Lower Upper
56 100
55 70.9 55.1 82.7



#14
Allyl chloride
Concen: 19.370 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 41 Resp: 26054
Ion Ratio Lower Upper
41 100
39 70.3 53.8 80.6
76 48.5 45.8 68.8

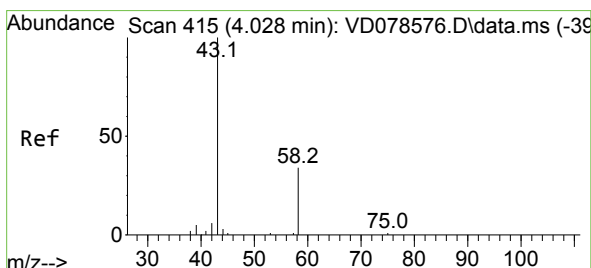
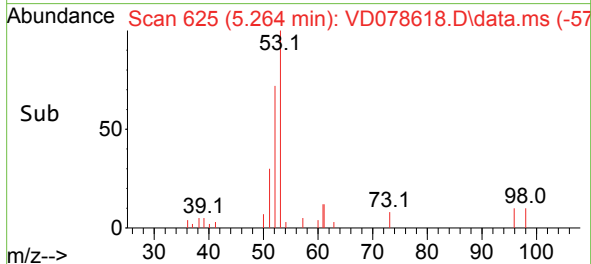
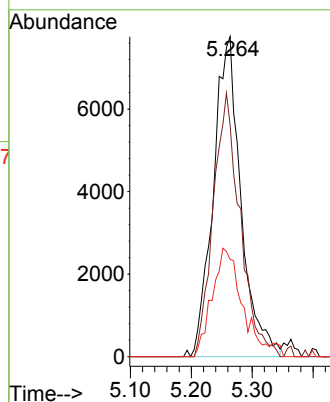
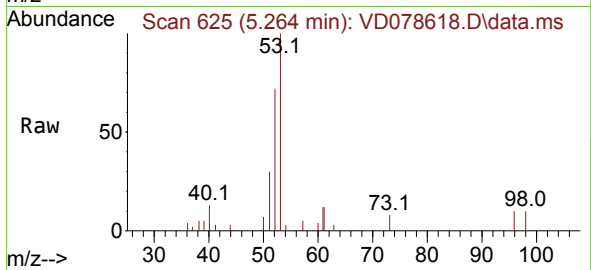




#15
Acrylonitrile
Concen: 105.381 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

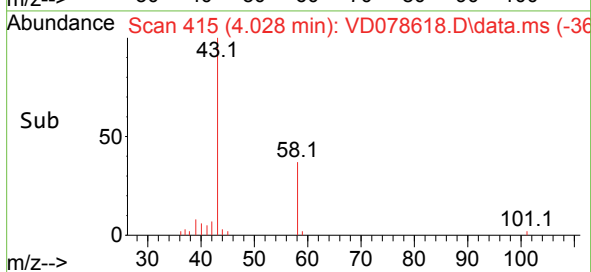
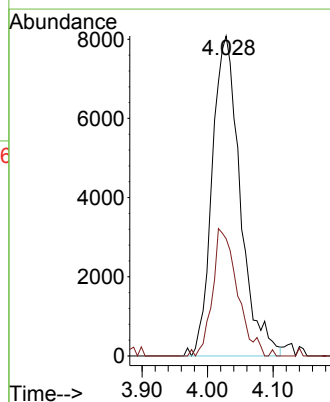
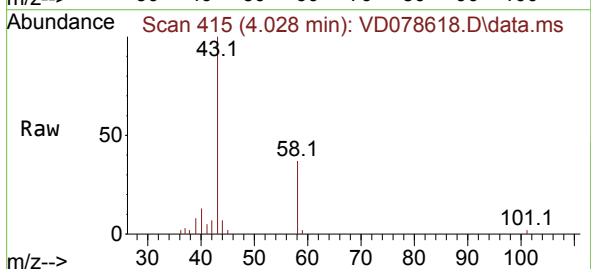
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

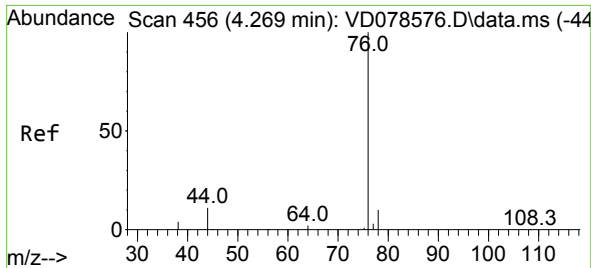
Tgt Ion:	53	Resp:	24486
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.0	97.4
51	36.4	28.3	42.5



#16
Acetone
Concen: 104.640 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:	43	Resp:	23998
Ion	Ratio	Lower	Upper
43	100		
58	36.7	34.7	52.1

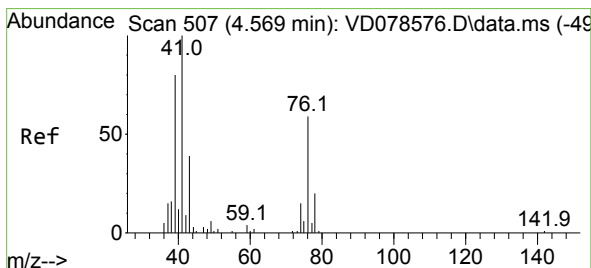
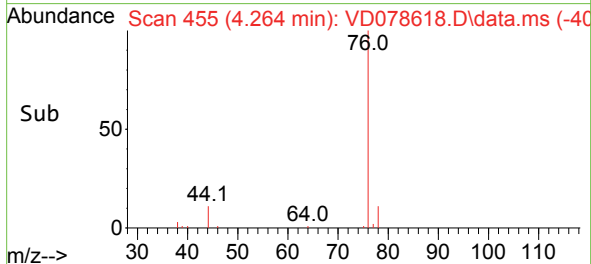
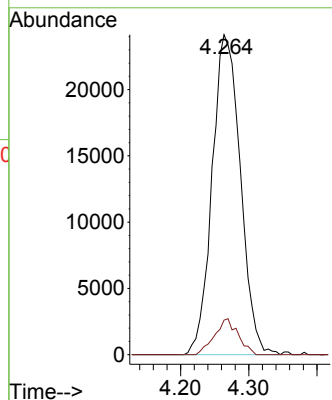
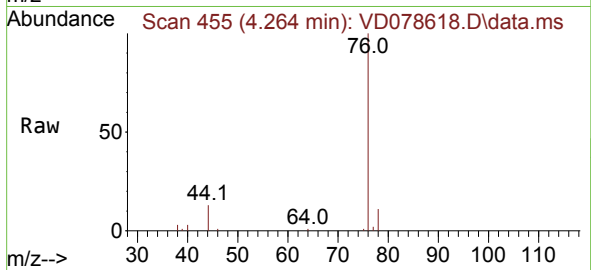




#17
Carbon Disulfide
Concen: 17.694 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

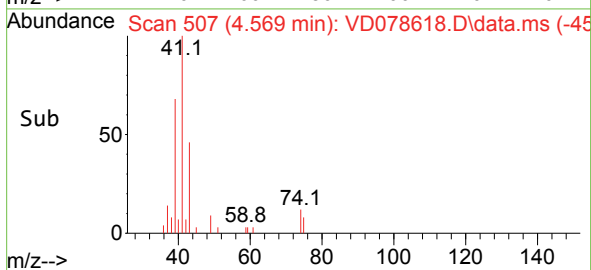
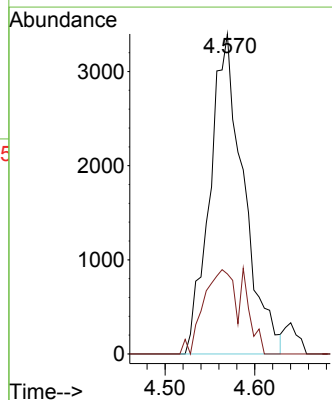
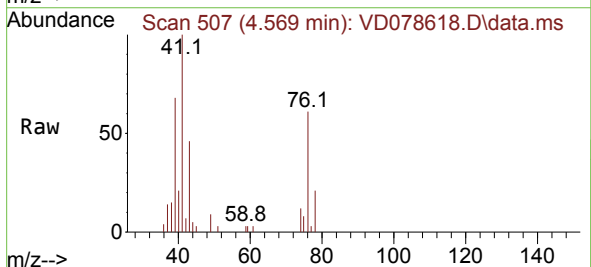
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

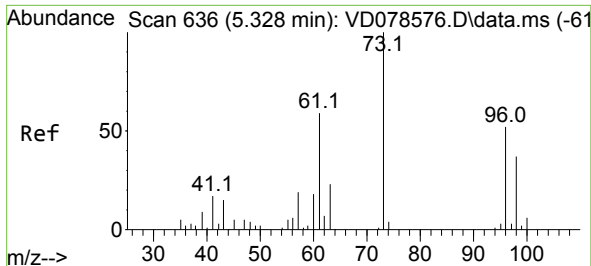
Tgt Ion: 76 Resp: 69619
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#



#18
Methyl Acetate
Concen: 20.426 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 43 Resp: 8867
Ion Ratio Lower Upper
43 100
74 24.0 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 19.338 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

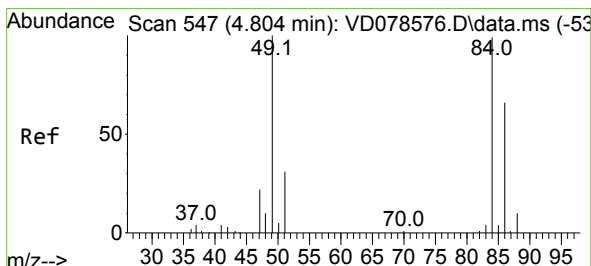
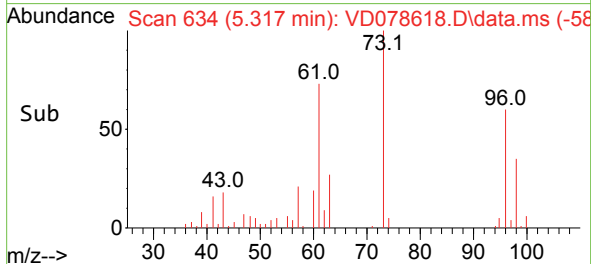
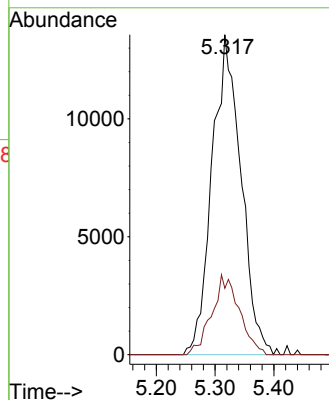
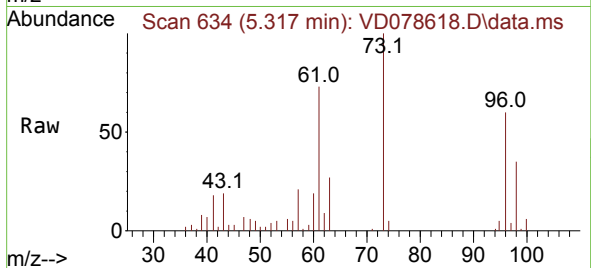
VD0308SBS01

Tgt Ion: 73 Resp: 46434

Ion Ratio Lower Upper

73 100

57 20.7 16.6 25.0



#20

Methylene Chloride

Concen: 18.441 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Tgt Ion: 84 Resp: 39534

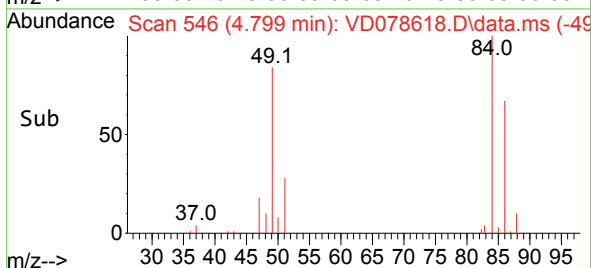
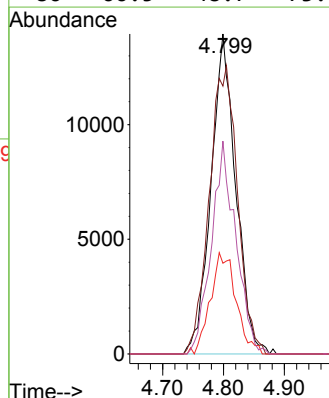
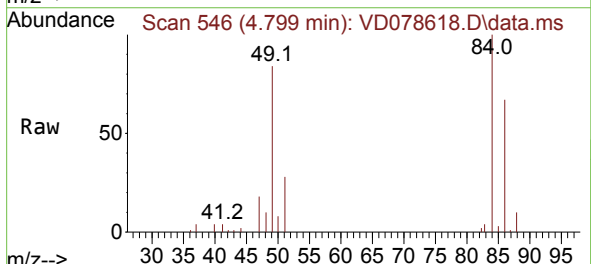
Ion Ratio Lower Upper

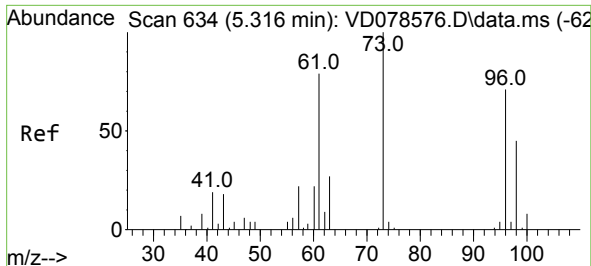
84 100

49 83.7 71.4 107.2

51 28.4 24.5 36.7

86 66.5 48.7 73.1

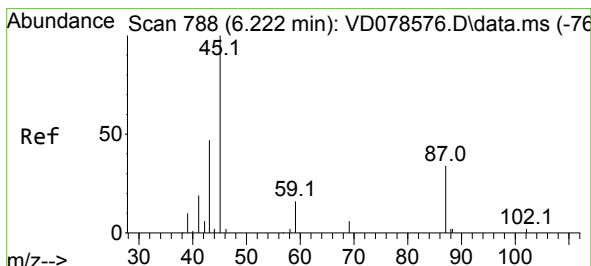
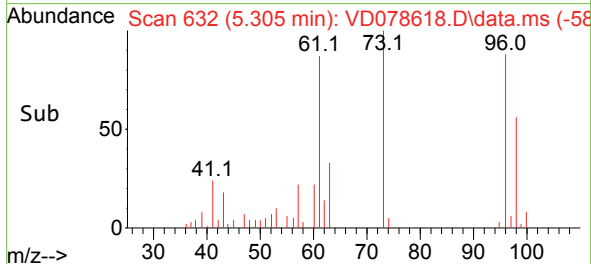
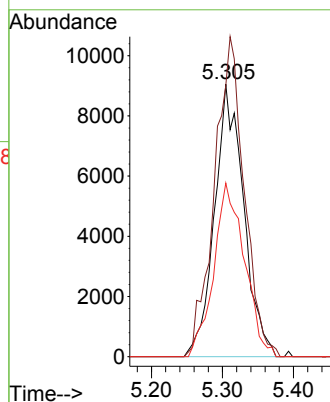
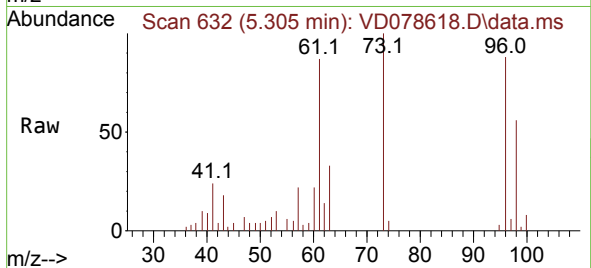




#21
trans-1,2-Dichloroethene
Concen: 18.138 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

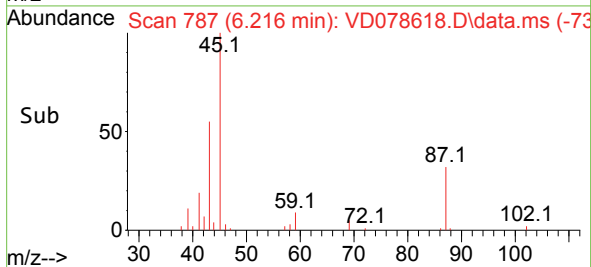
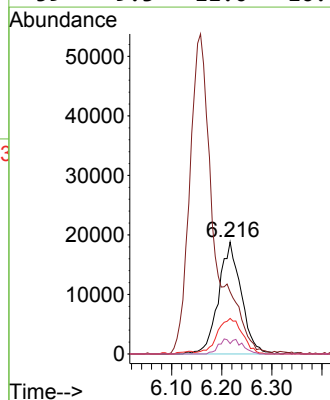
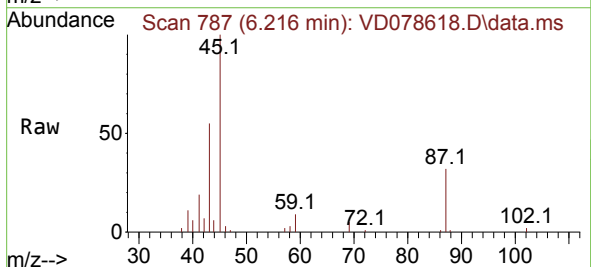
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

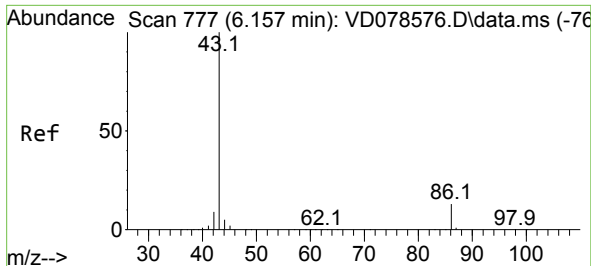
Tgt Ion: 96 Resp: 25737
Ion Ratio Lower Upper
96 100
61 99.5 89.3 133.9
98 63.8 48.6 73.0



#22
Diisopropyl ether
Concen: 19.602 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 45 Resp: 59115
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.7 28.2 42.4
59 9.3 11.0 16.4#

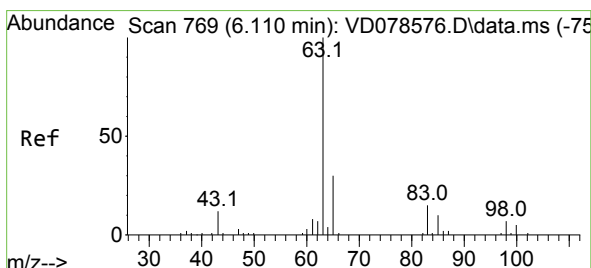
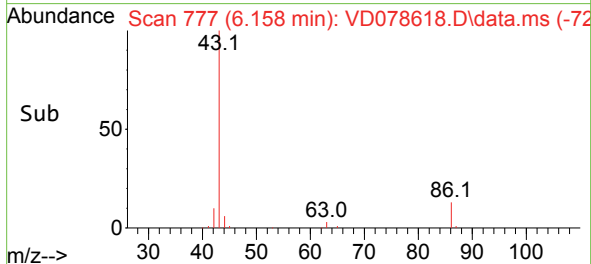
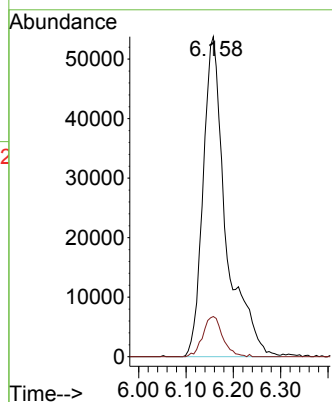
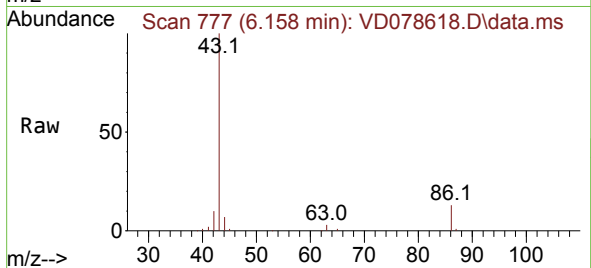




#23
 Vinyl Acetate
 Concen: 101.005 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

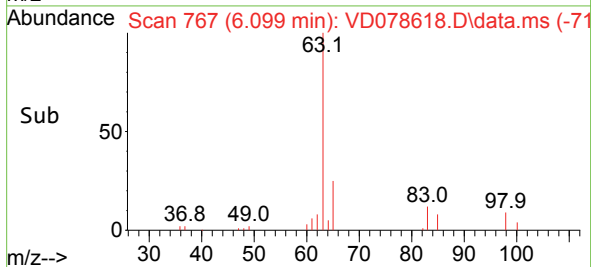
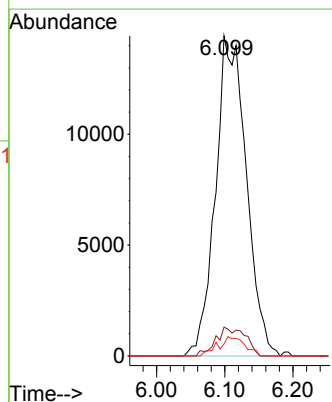
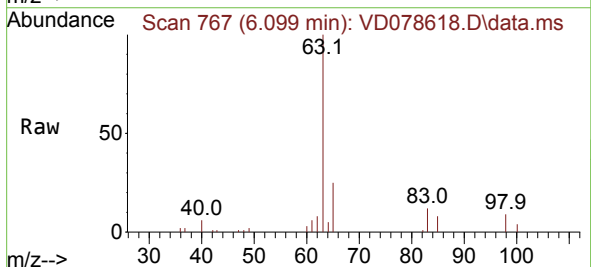
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBSD01

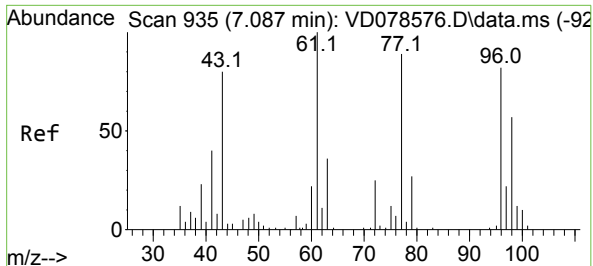
Tgt Ion: 43 Resp: 180908
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.894 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.011 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 63 Resp: 45324
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 3.8 2.5 7.5





#25

2-Butanone

Concen: 107.224 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

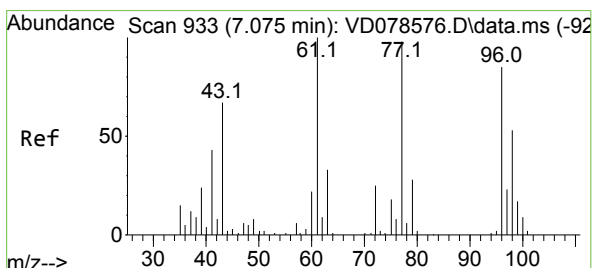
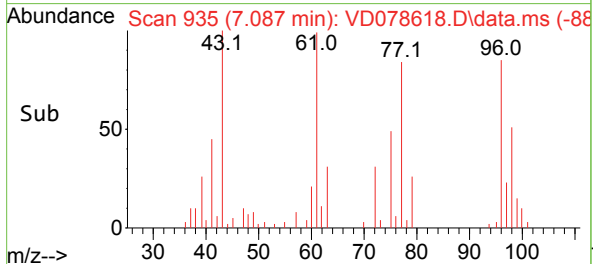
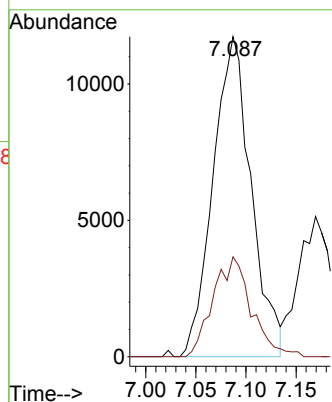
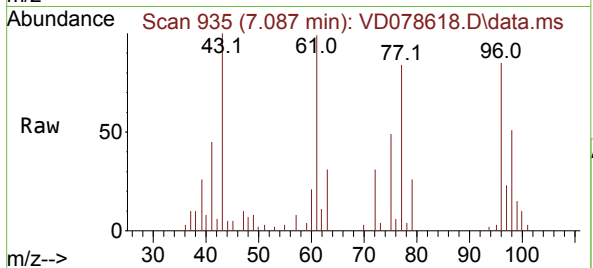
VD0308SBS01

Tgt Ion: 43 Resp: 31019

Ion Ratio Lower Upper

43 100

72 31.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 19.105 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078618.D

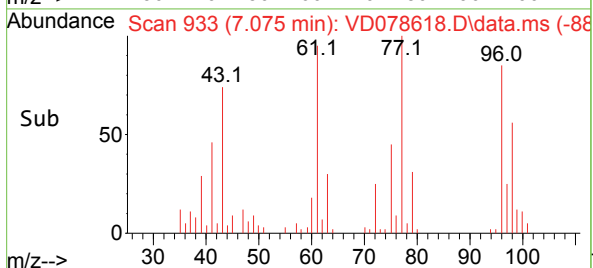
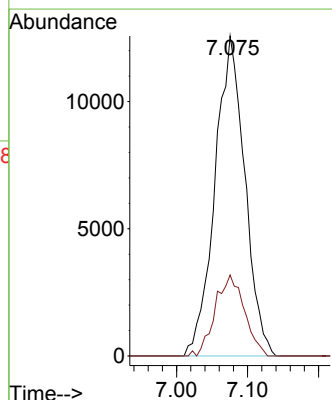
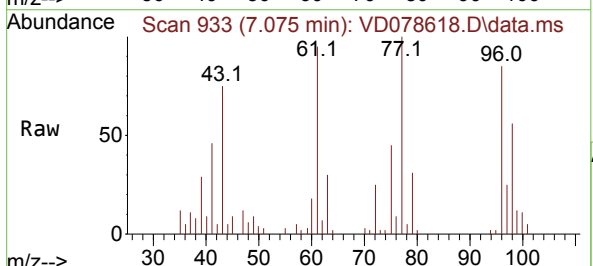
Acq: 08 Mar 2024 13:37

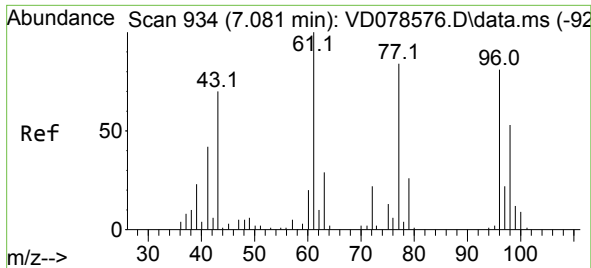
Tgt Ion: 77 Resp: 36772

Ion Ratio Lower Upper

77 100

97 24.6 13.2 39.6

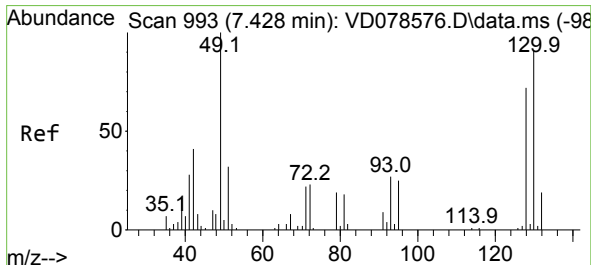
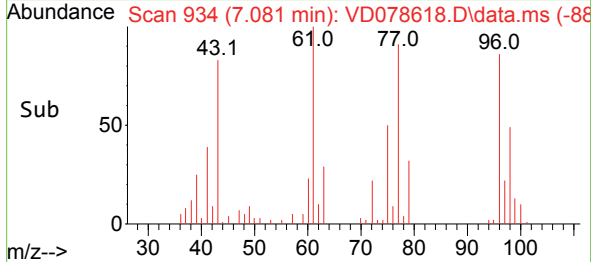
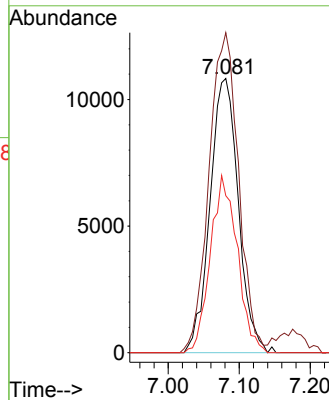
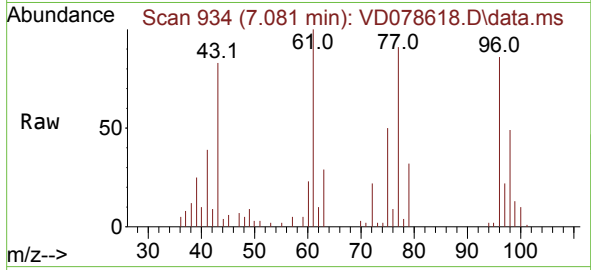




#27
 cis-1,2-Dichloroethene
 Concen: 19.306 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

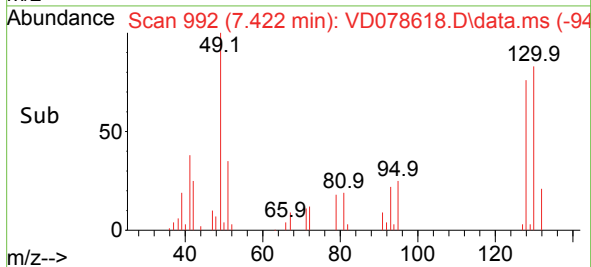
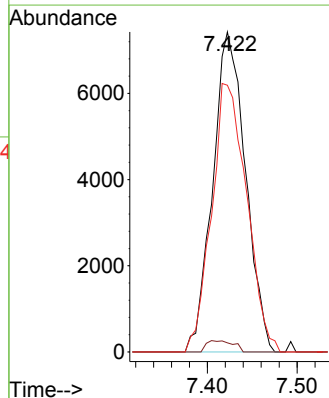
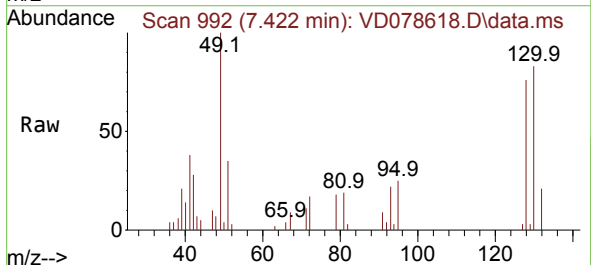
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBSD01

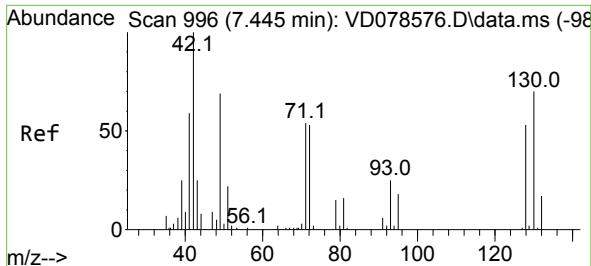
Tgt Ion: 96	Resp:	29996
Ion Ratio	Lower	Upper
96	100	
61	121.8	0.0 239.2
98	61.5	0.0 128.6



#28
 Bromochloromethane
 Concen: 22.141 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.005 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 49	Resp:	18845
Ion Ratio	Lower	Upper
49	100	
129	2.9	0.0 6.0
130	89.8	83.2 124.8





#29

Tetrahydrofuran

Concen: 96.845 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBSD01

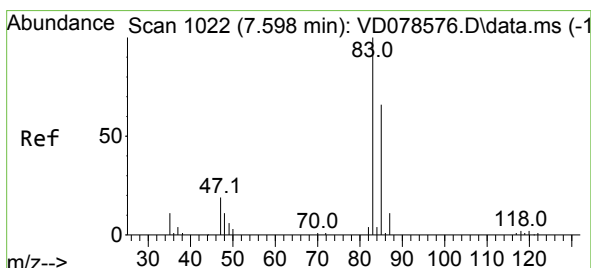
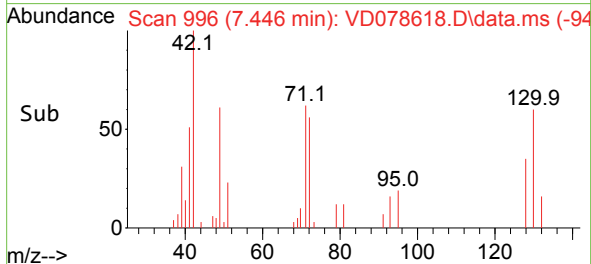
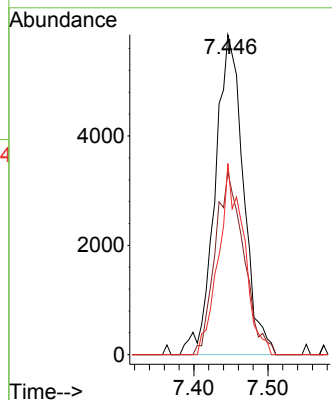
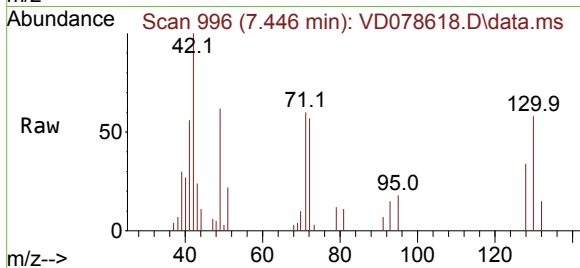
Tgt Ion: 42 Resp: 15565

Ion Ratio Lower Upper

42 100

72 57.8 46.5 69.7

71 53.2 44.5 66.7



#30

Chloroform

Concen: 20.091 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.005 min

Lab File: VD078618.D

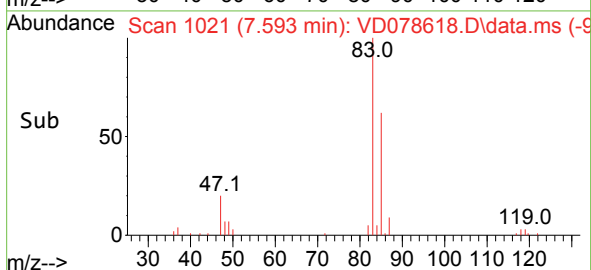
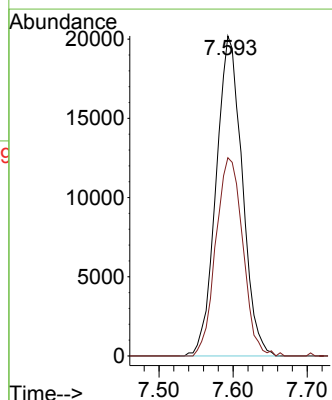
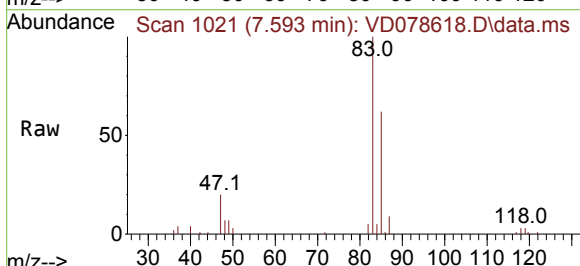
Acq: 08 Mar 2024 13:37

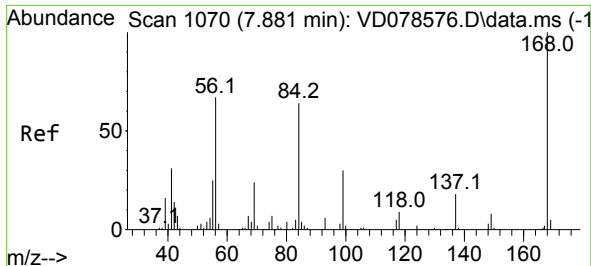
Tgt Ion: 83 Resp: 49422

Ion Ratio Lower Upper

83 100

85 62.0 53.4 80.2

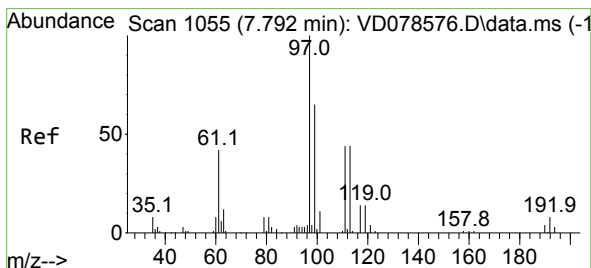
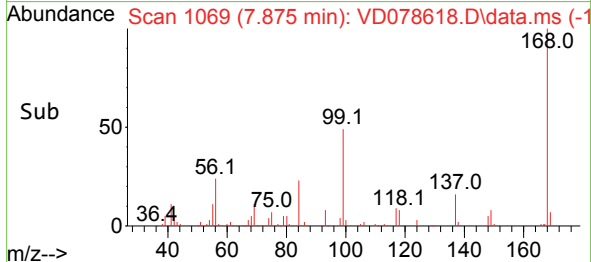
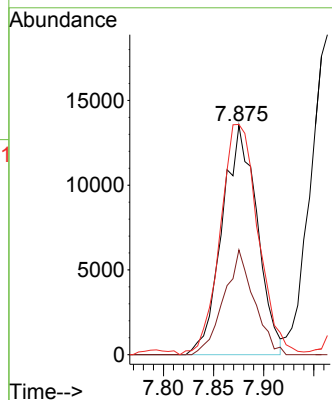
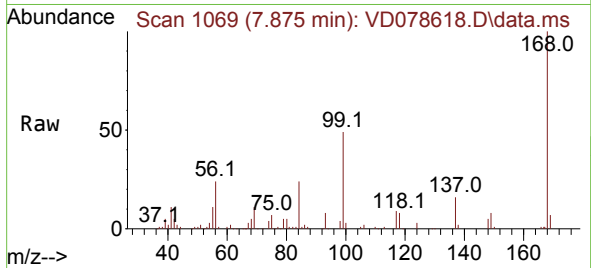




#31
Cyclohexane
Concen: 17.501 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

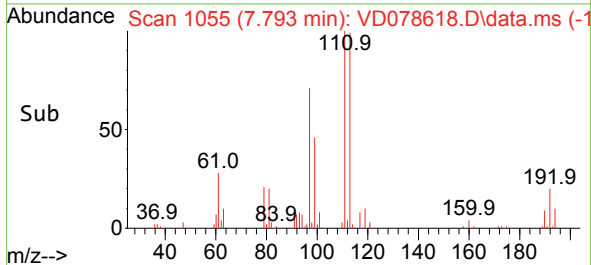
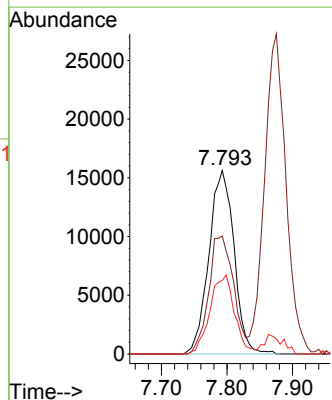
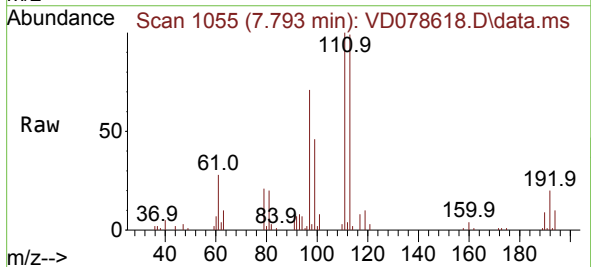
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

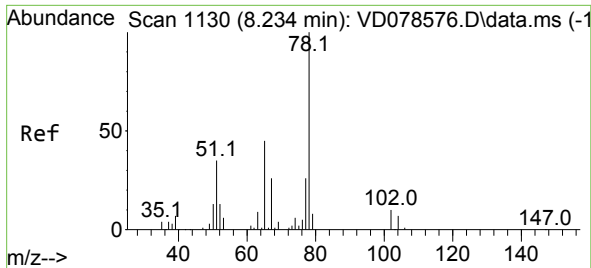
Tgt Ion: 56 Resp: 32790
Ion Ratio Lower Upper
56 100
69 45.7 28.6 43.0#
84 100.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.738 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 97 Resp: 41654
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.242 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

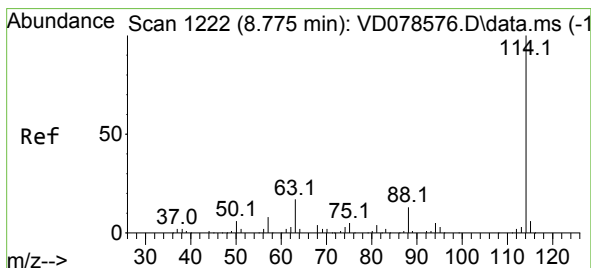
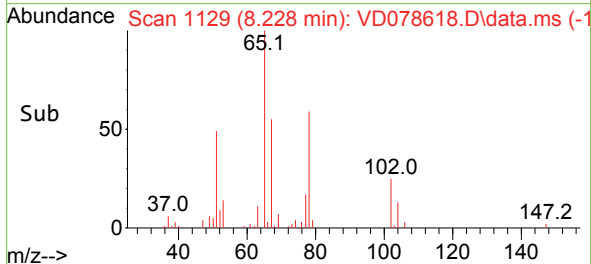
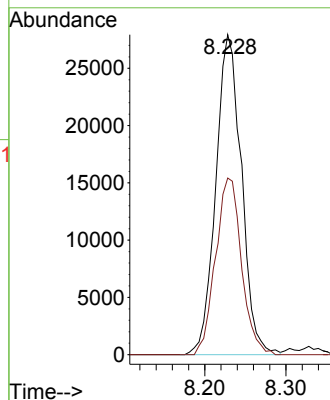
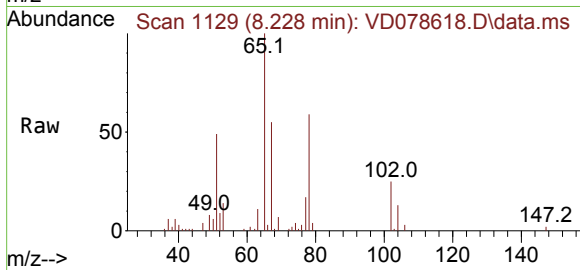
VD0308SBS01

Tgt Ion: 65 Resp: 61341

Ion Ratio Lower Upper

65 100

67 55.8 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: VD078618.D

Acq: 08 Mar 2024 13:37

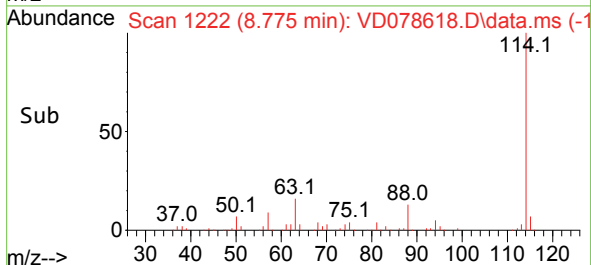
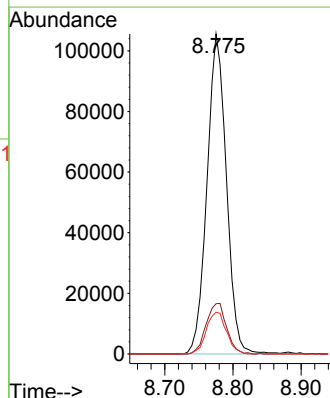
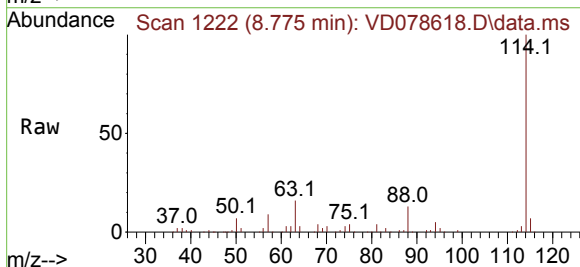
Tgt Ion:114 Resp: 208739

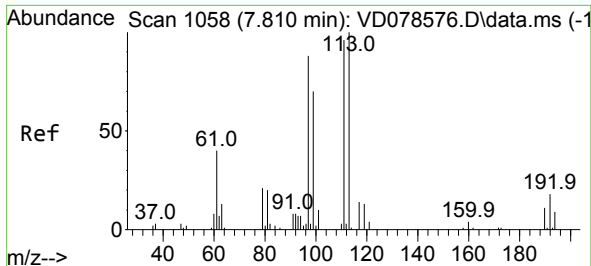
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 13.1 0.0 26.2

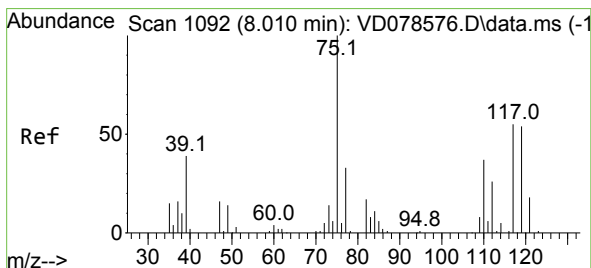
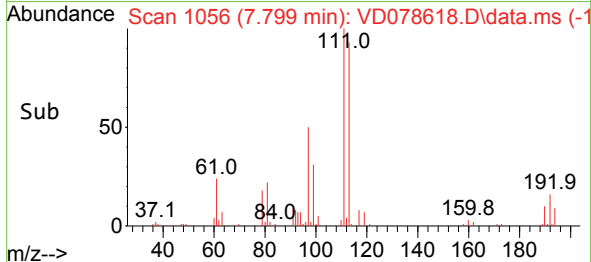
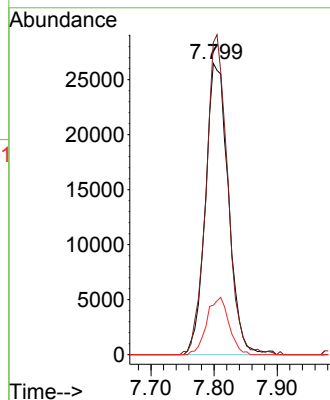
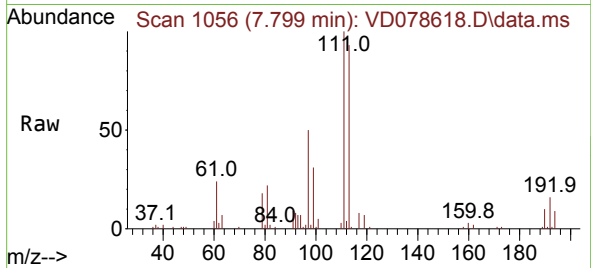




#35
Dibromofluoromethane
Concen: 49.262 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.011 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

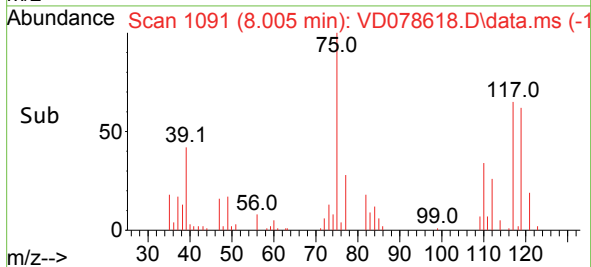
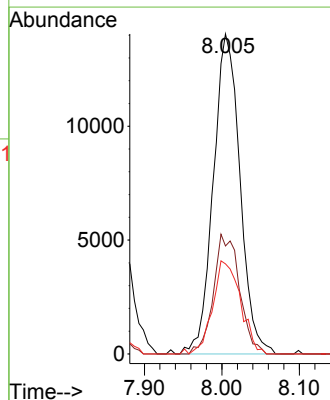
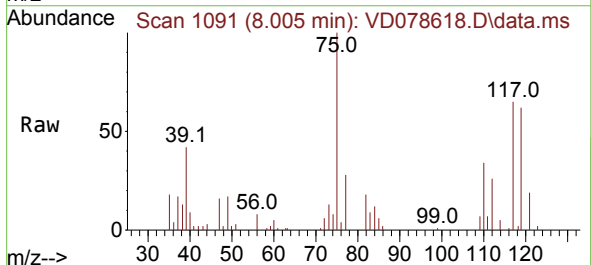
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

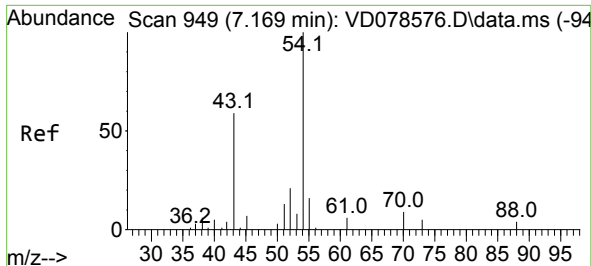
Tgt Ion:113 Resp: 66889
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.891 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 75 Resp: 33617
Ion Ratio Lower Upper
75 100
110 36.5 19.9 59.6
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.503 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBSD01

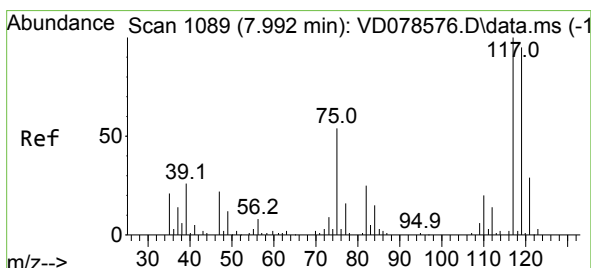
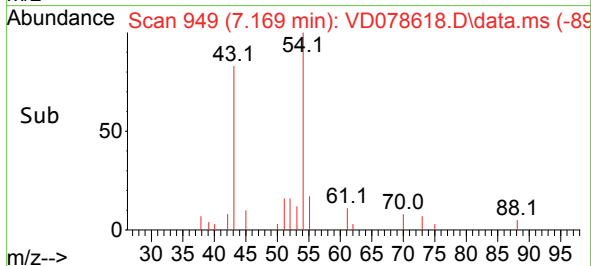
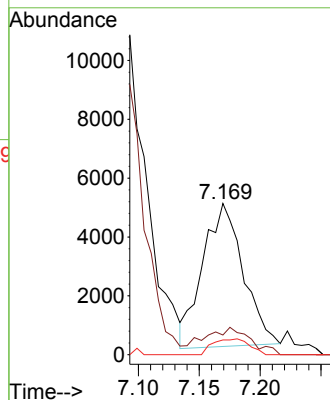
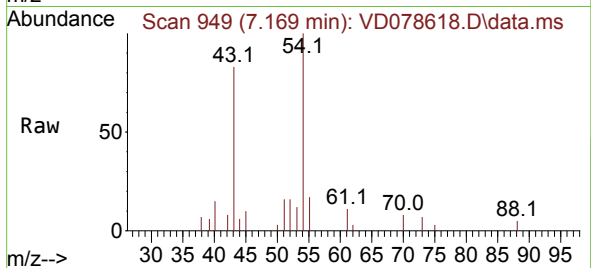
Tgt Ion: 43 Resp: 11265

Ion Ratio Lower Upper

43 100

61 21.3 14.9 22.3

70 9.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 18.425 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

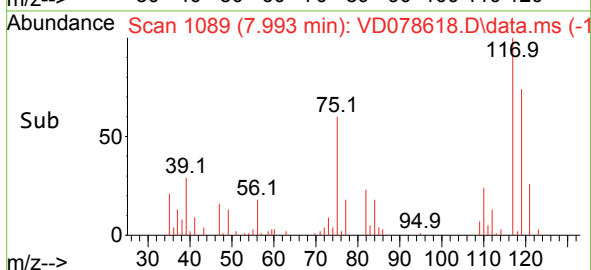
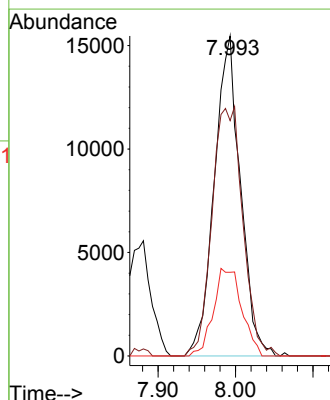
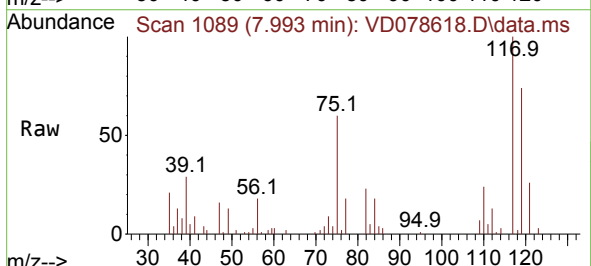
Tgt Ion: 117 Resp: 36209

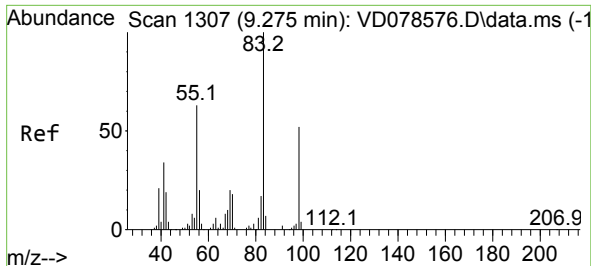
Ion Ratio Lower Upper

117 100

119 73.5 78.0 117.0#

121 26.2 24.2 36.2





#39

Methylcyclohexane

Concen: 16.609 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.005 min

Lab File: VD078618.D

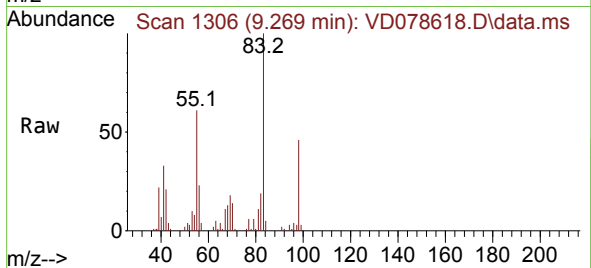
Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

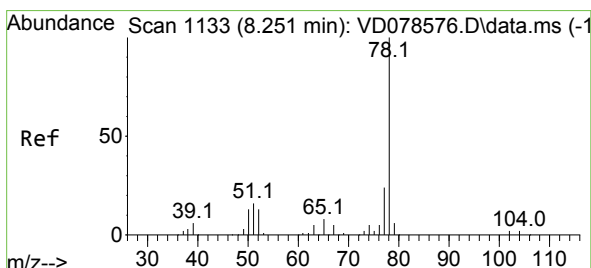
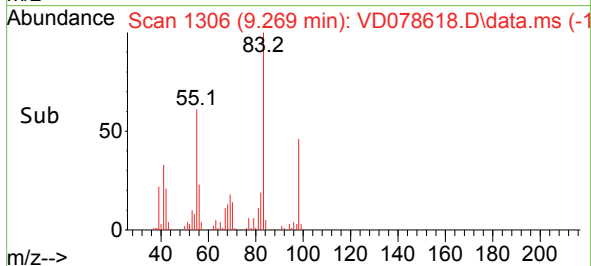
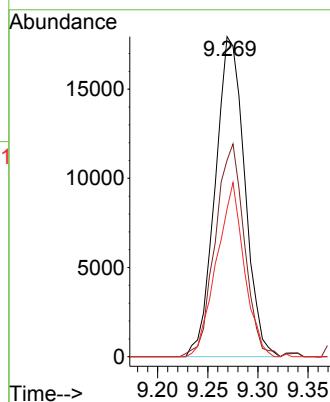
ClientSampleId :

VD0308SBSD01



Tgt Ion: 83 Resp: 36628

Ion	Ratio	Lower	Upper
83	100		
55	61.4	49.4	74.0
98	46.2	38.4	57.6



#40

Benzene

Concen: 18.337 ug/l

RT: 8.252 min Scan# 1133

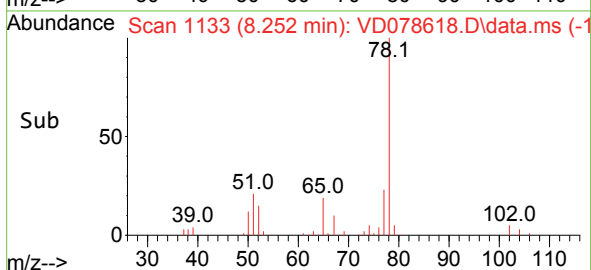
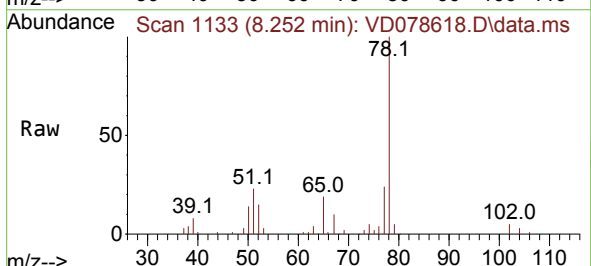
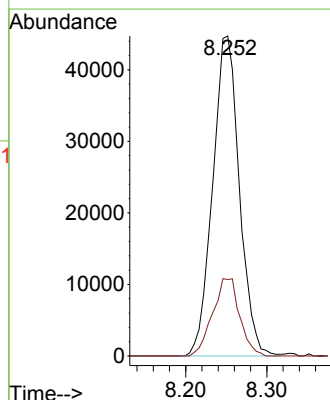
Delta R.T. 0.000 min

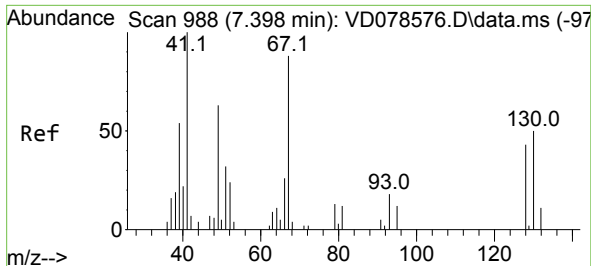
Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Tgt Ion: 78 Resp: 102124

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0

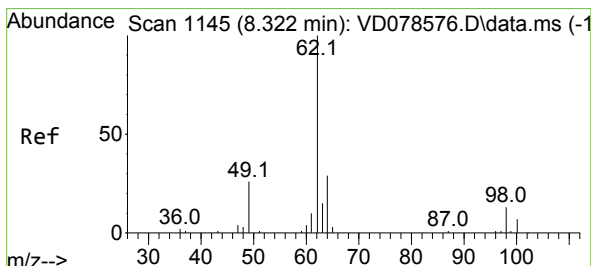
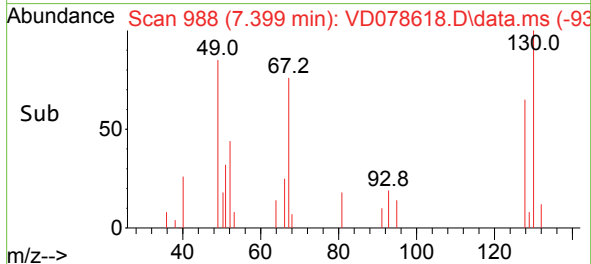
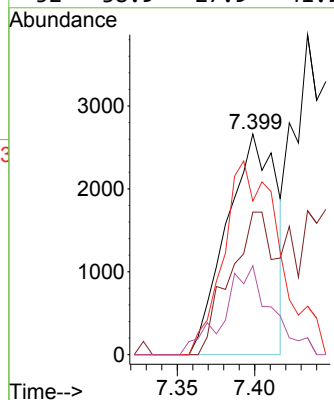
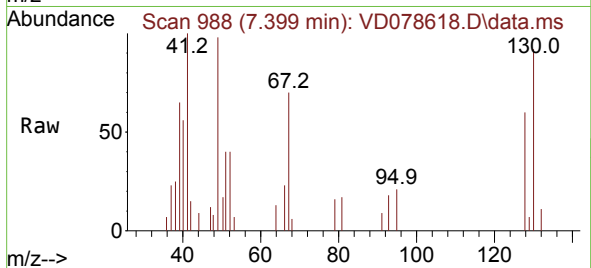




#41
Methacrylonitrile
Concen: 18.130 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

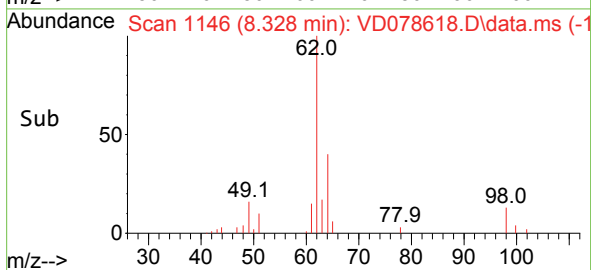
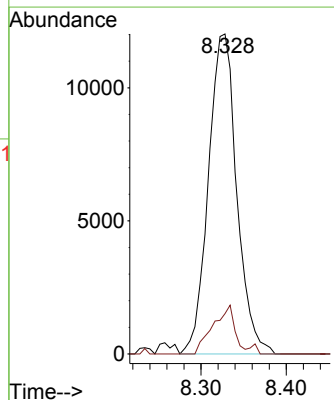
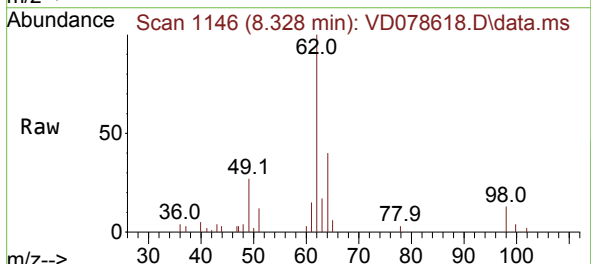
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

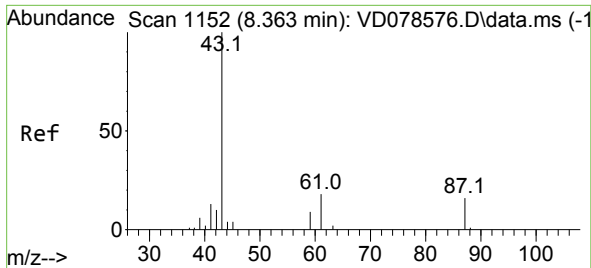
Tgt Ion: 41	Resp: 5916
Ion Ratio	Lower Upper
41	100
39	59.0 34.0 51.0#
67	100.8 77.0 115.4
52	38.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.697 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 62	Resp: 27830
Ion Ratio	Lower Upper
62	100
98	12.4 0.0 25.4

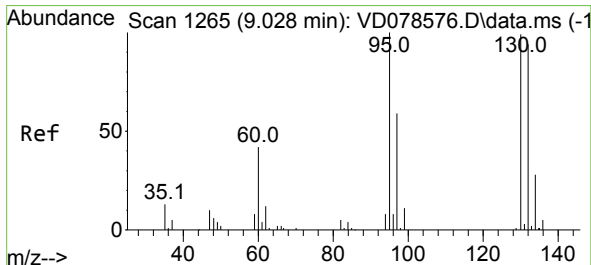
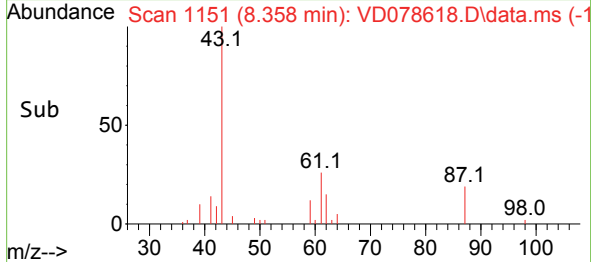
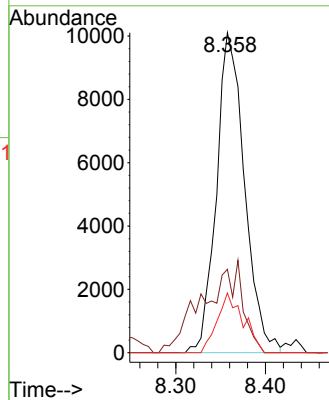
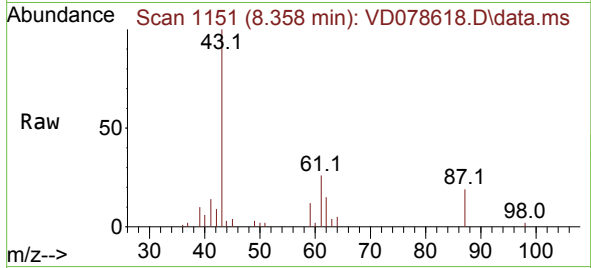




#43
Isopropyl Acetate
Concen: 18.848 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

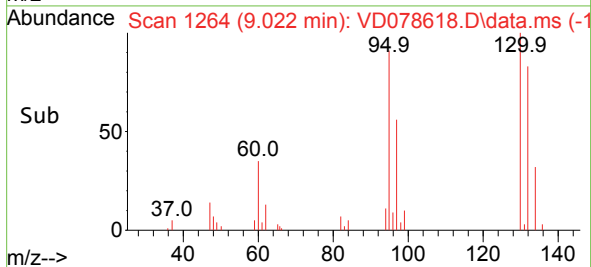
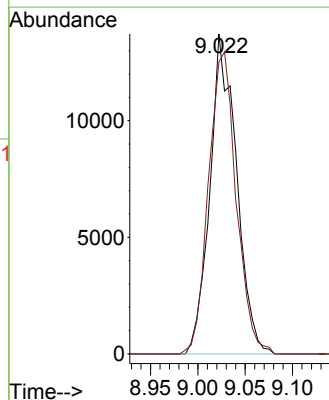
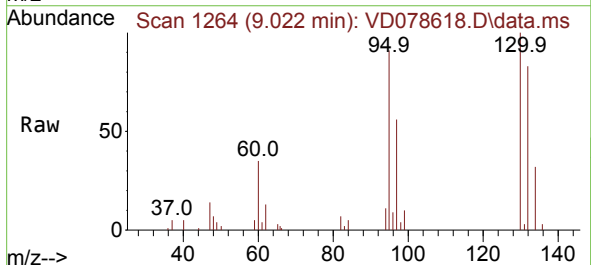
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

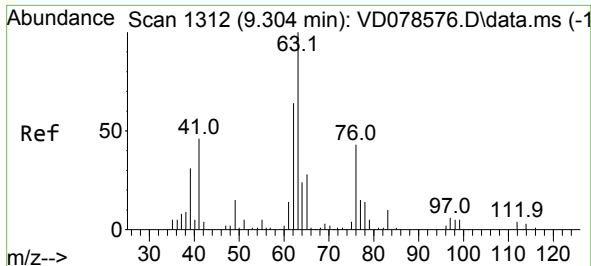
Tgt Ion: 43	Resp: 21999
Ion Ratio	Lower Upper
43	100
61	20.3 31.4 47.0#
87	17.3 14.9 22.3



#44
Trichloroethene
Concen: 17.491 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 130	Resp: 26731
Ion Ratio	Lower Upper
130	100
95	91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.683 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

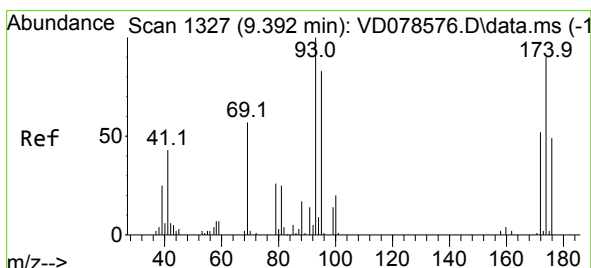
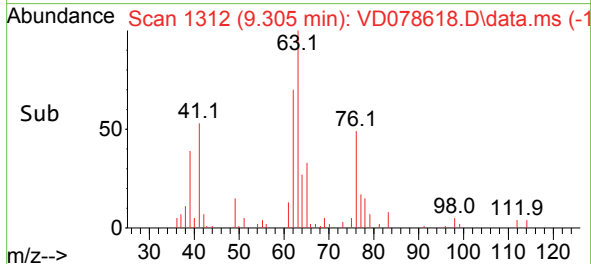
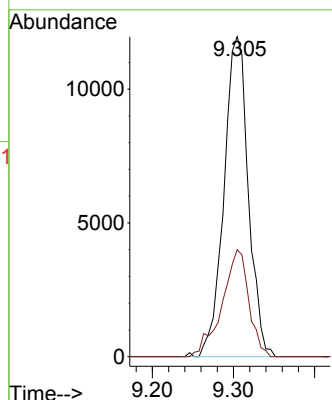
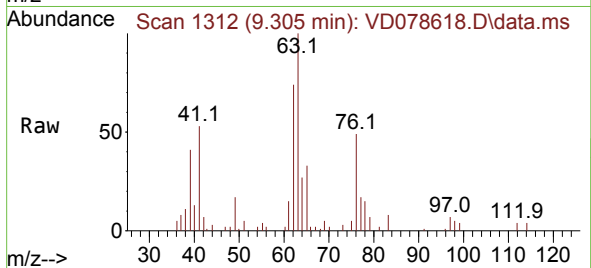
VD0308SBSD01

Tgt Ion: 63 Resp: 24995

Ion Ratio Lower Upper

63 100

65 33.5 24.5 36.7



#46

Dibromomethane

Concen: 20.487 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

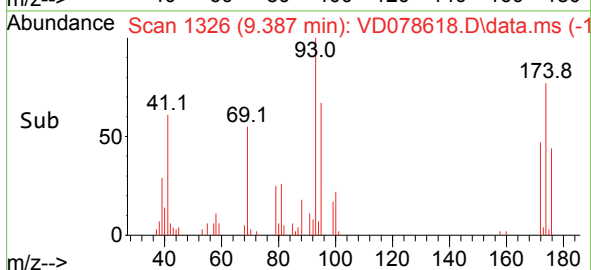
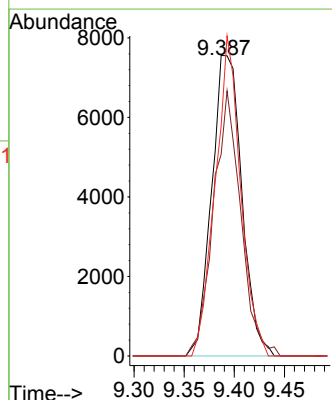
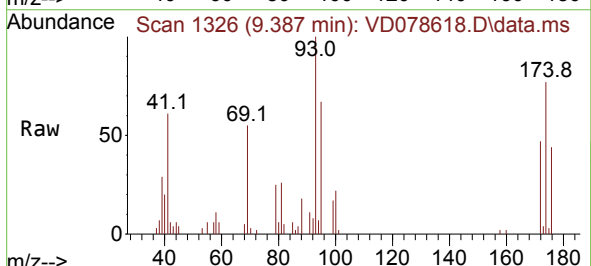
Tgt Ion: 93 Resp: 15801

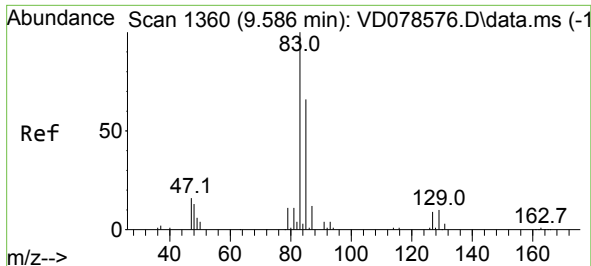
Ion Ratio Lower Upper

93 100

95 79.9 67.7 101.5

174 89.9 85.4 128.2

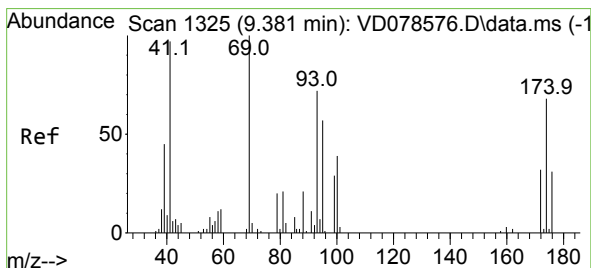
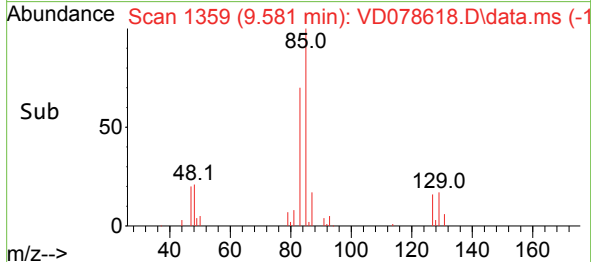
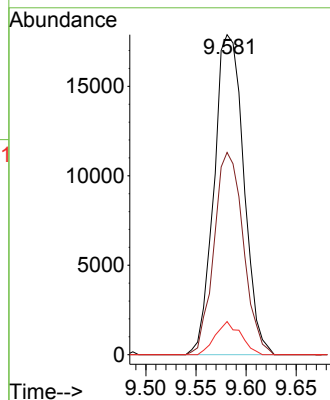
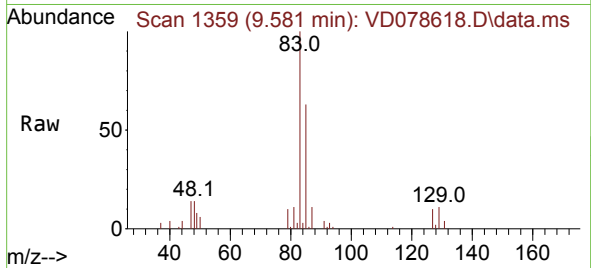




#47
Bromodichloromethane
Concen: 19.360 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

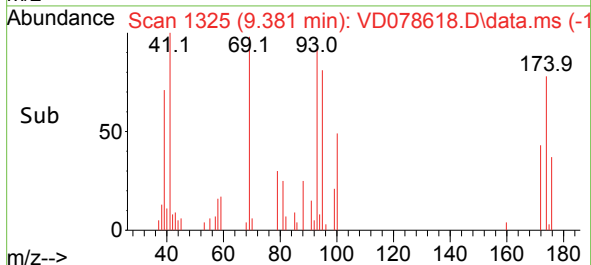
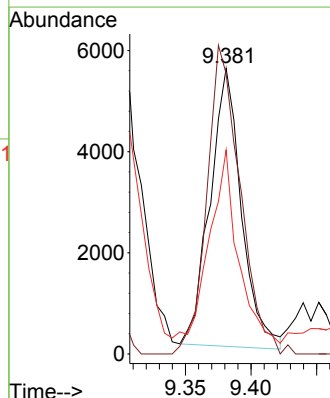
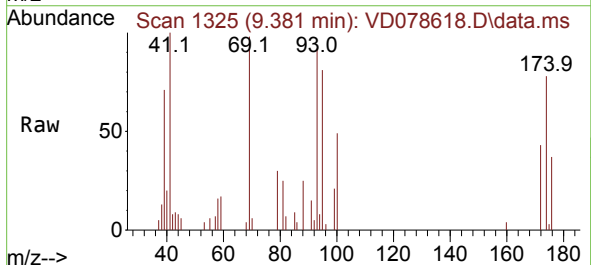
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

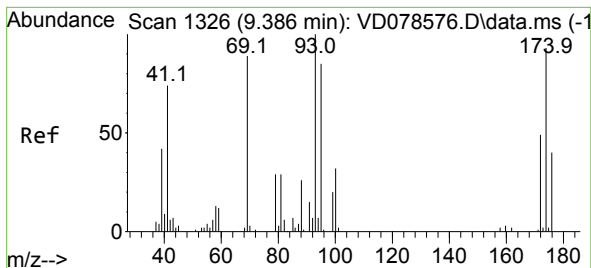
Tgt Ion: 83 Resp: 36818
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 10.4 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.300 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 41 Resp: 9147
Ion Ratio Lower Upper
41 100
69 117.8 102.2 153.2
39 74.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 437.067 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078618.D

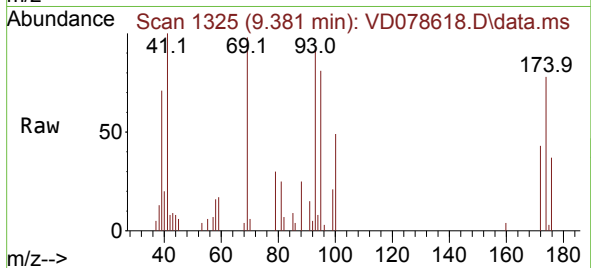
Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBSD01



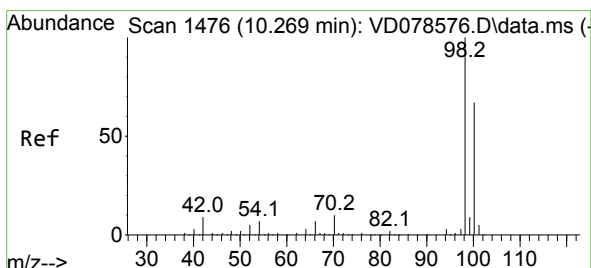
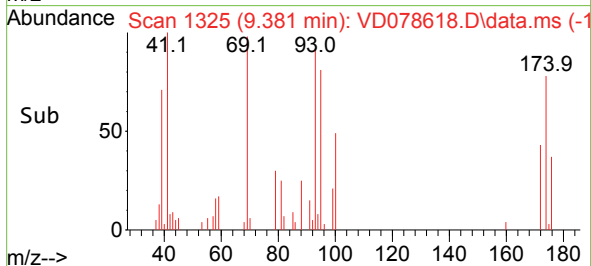
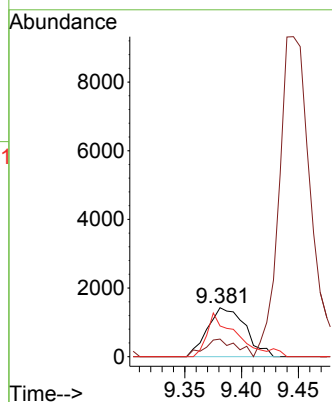
Tgt Ion: 88 Resp: 3303

Ion Ratio Lower Upper

88 100

43 30.4 19.0 28.6#

58 70.2 43.5 65.3#



#50

Toluene-d8

Concen: 48.944 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078618.D

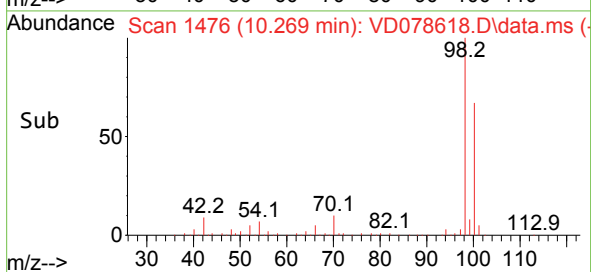
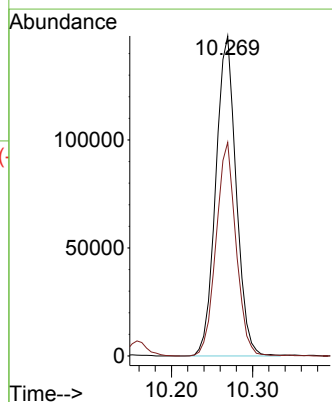
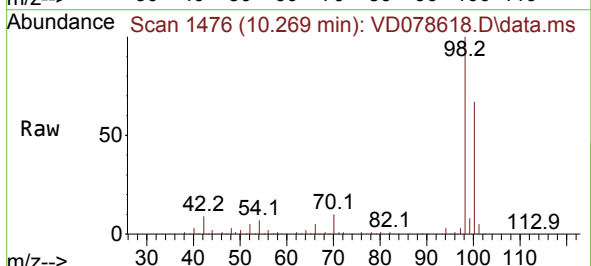
Acq: 08 Mar 2024 13:37

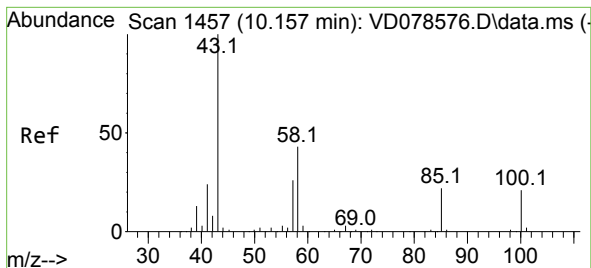
Tgt Ion: 98 Resp: 258241

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

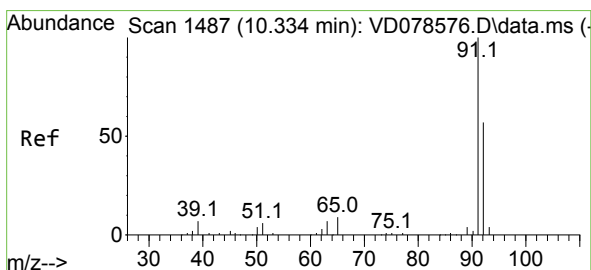
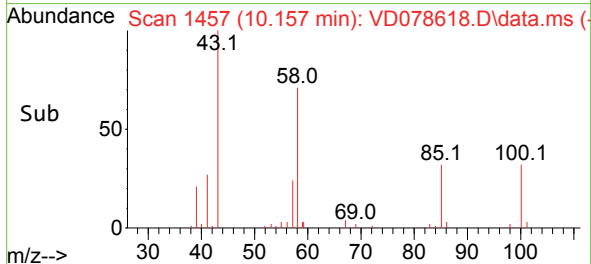
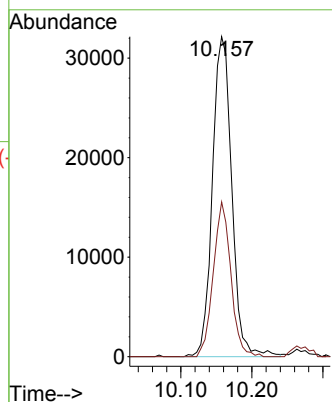
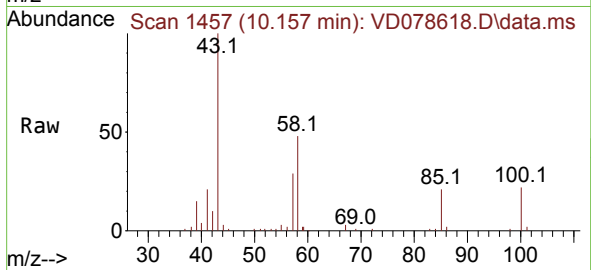




#51
4-Methyl-2-Pentanone
Concen: 100.825 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

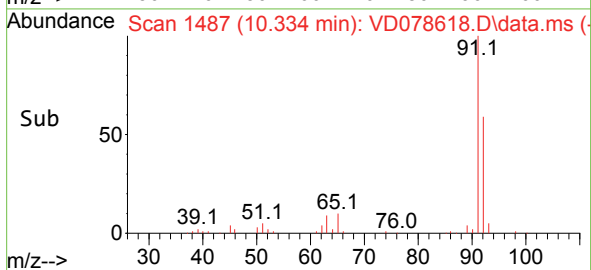
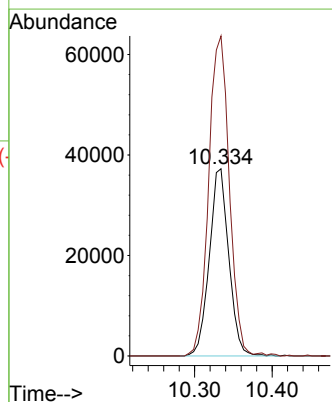
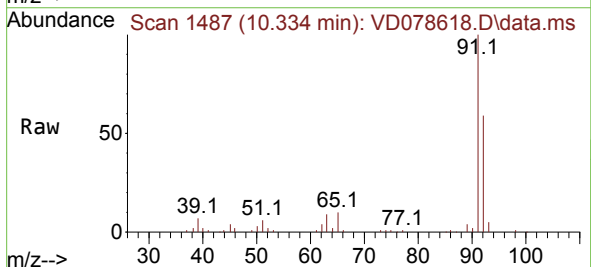
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

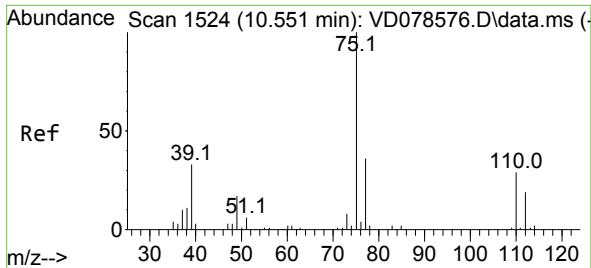
Tgt Ion: 43 Resp: 60742
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 18.210 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 92 Resp: 65075
Ion Ratio Lower Upper
92 100
91 181.4 143.0 214.4

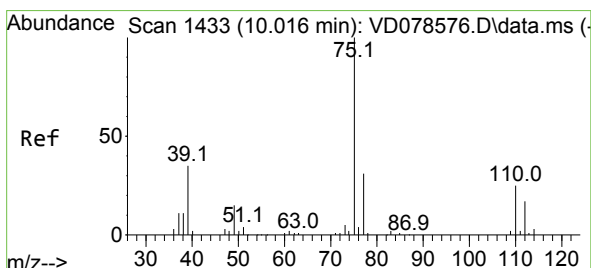
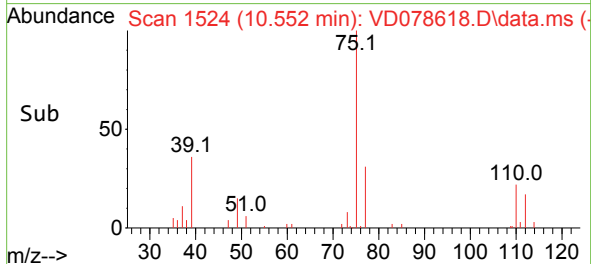
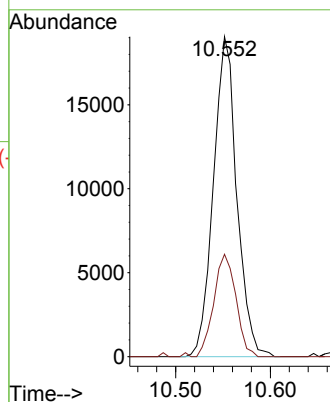
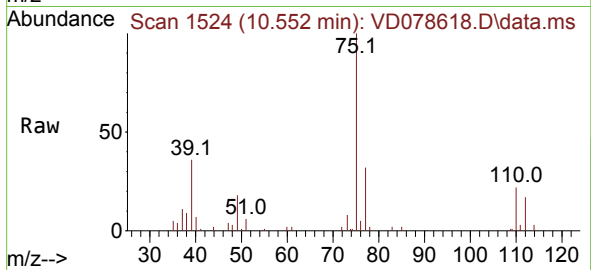




#53
 t-1,3-Dichloropropene
 Concen: 18.592 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

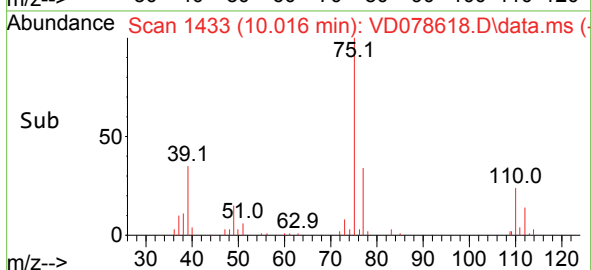
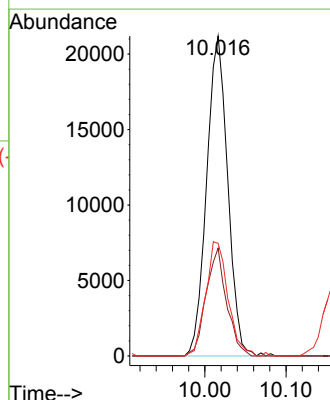
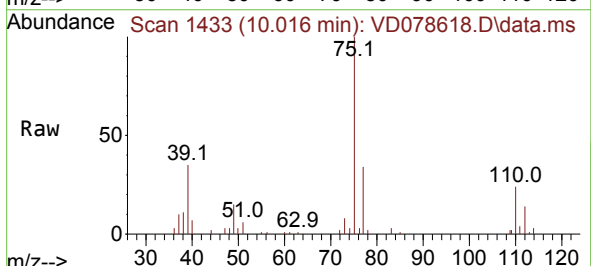
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBSD01

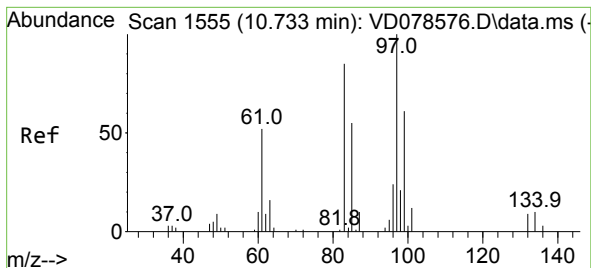
Tgt Ion: 75 Resp: 32709
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.140 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 75 Resp: 38211
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.5 38.3
 39 35.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.348 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01

Tgt Ion: 97 Resp: 19926

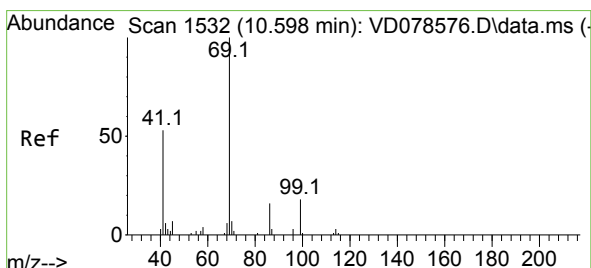
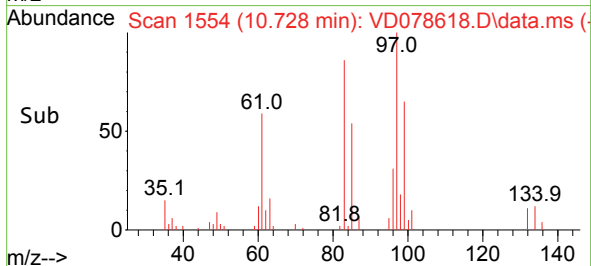
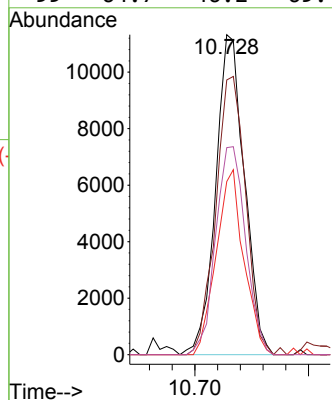
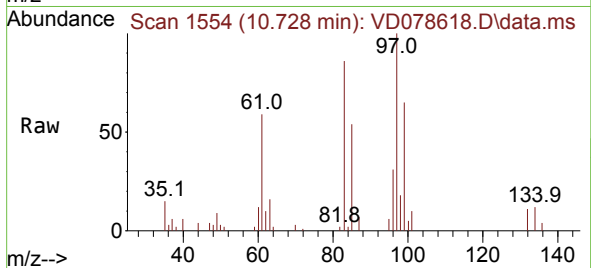
Ion Ratio Lower Upper

97 100

83 85.8 65.8 98.6

85 54.1 45.7 68.5

99 64.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.089 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

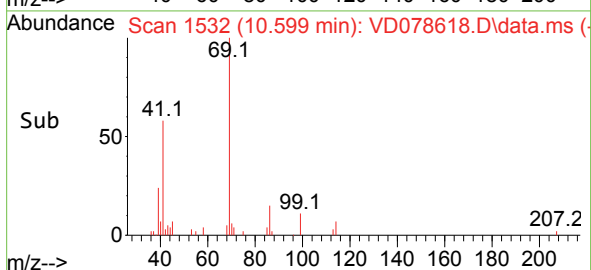
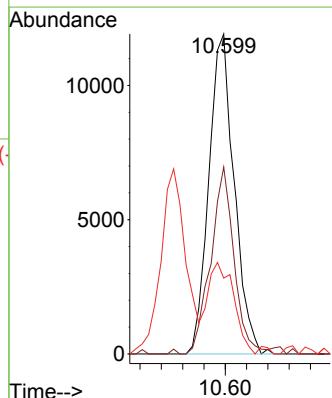
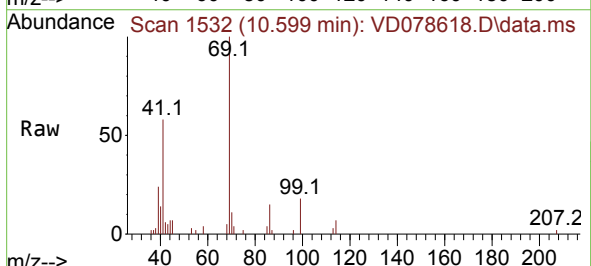
Tgt Ion: 69 Resp: 19690

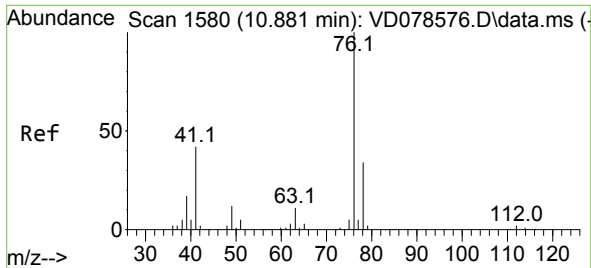
Ion Ratio Lower Upper

69 100

41 53.7 39.1 58.7

39 29.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 18.715 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

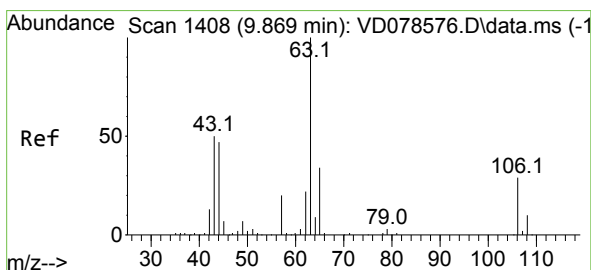
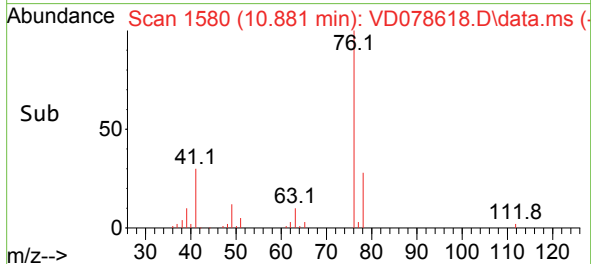
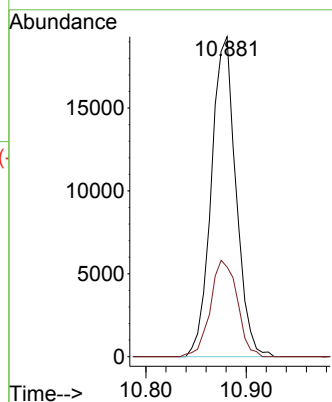
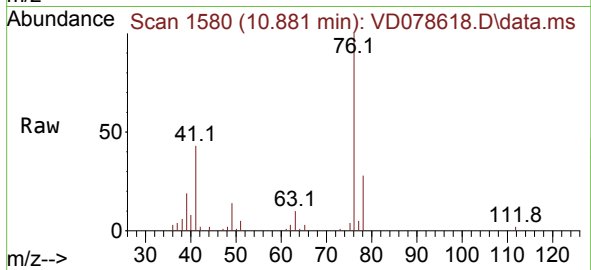
VD0308SBS01

Tgt Ion: 76 Resp: 32936

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 130.744 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078618.D

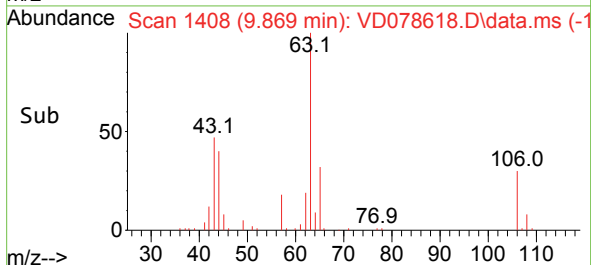
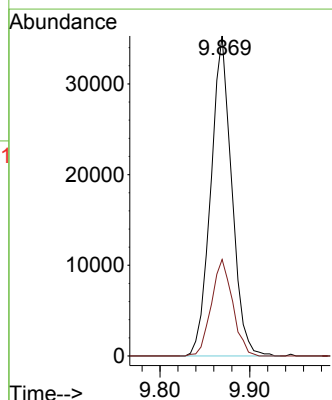
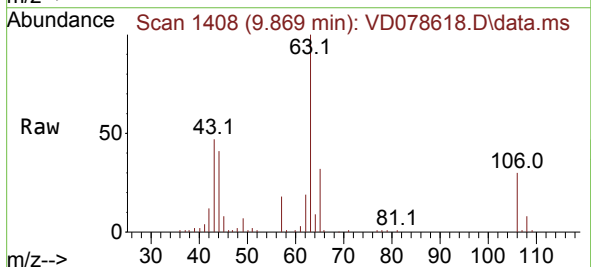
Acq: 08 Mar 2024 13:37

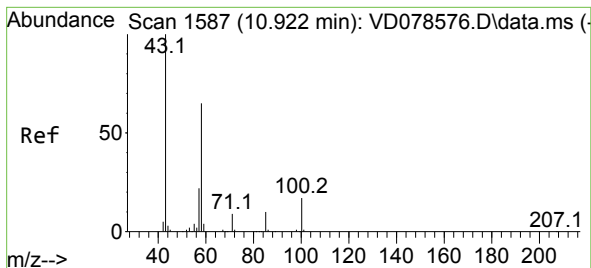
Tgt Ion: 63 Resp: 57161

Ion Ratio Lower Upper

63 100

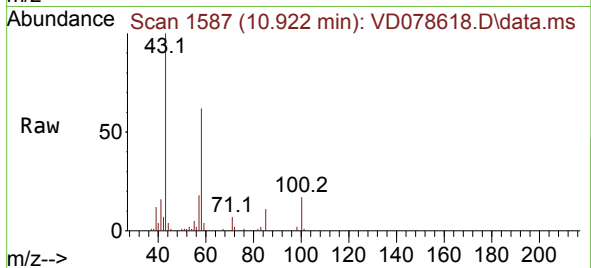
106 30.6 25.3 37.9



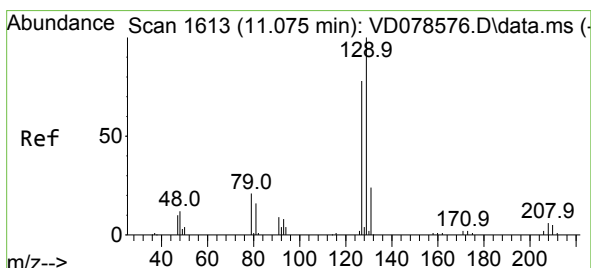
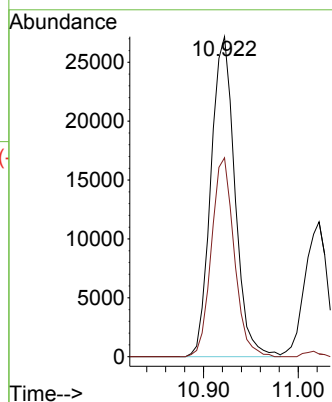
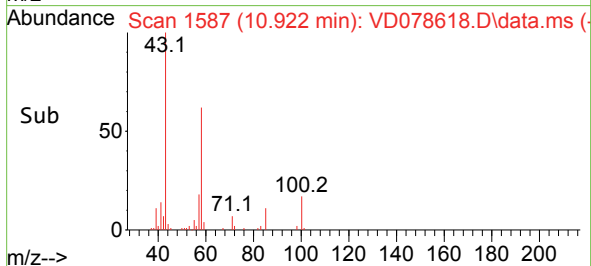


#59
2-Hexanone
Concen: 106.761 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

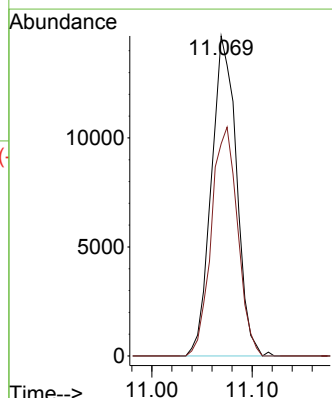
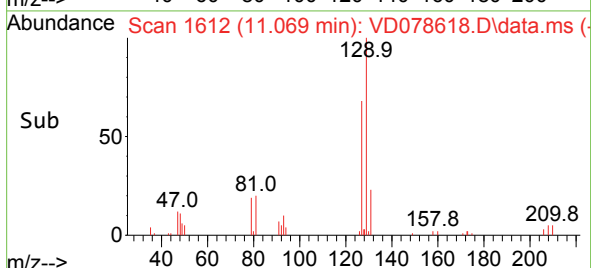
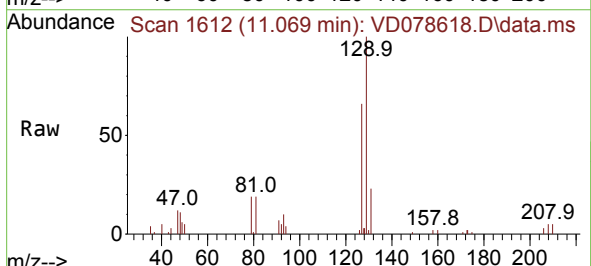


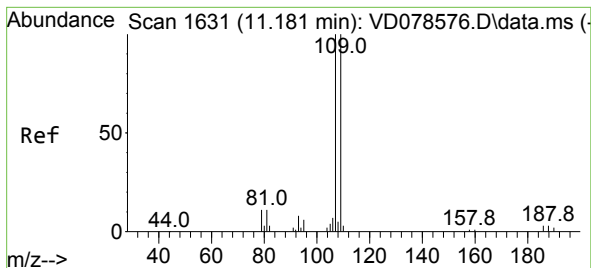
Tgt Ion: 43 Resp: 47706
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2



#60
Dibromochloromethane
Concen: 19.458 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 129 Resp: 25516
Ion Ratio Lower Upper
129 100
127 74.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 19.596 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

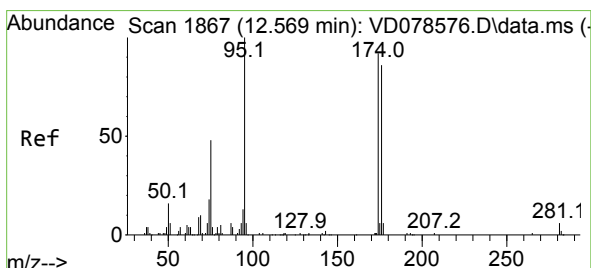
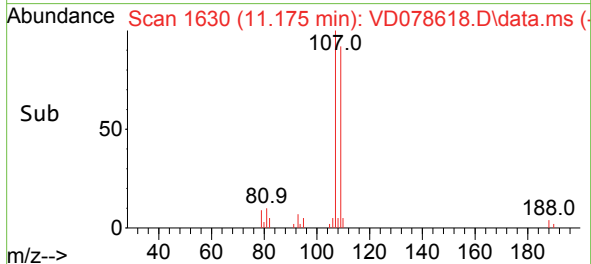
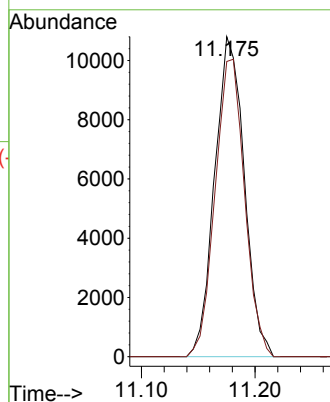
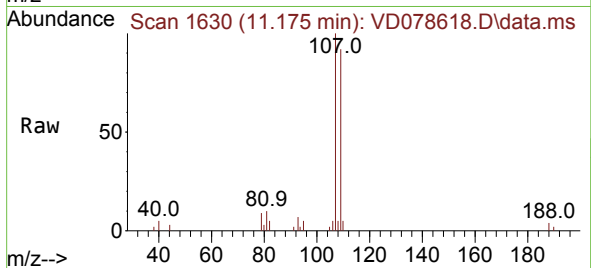
VD0308SBSD01

Tgt Ion:107 Resp: 19531

Ion Ratio Lower Upper

107 100

109 92.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.483 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

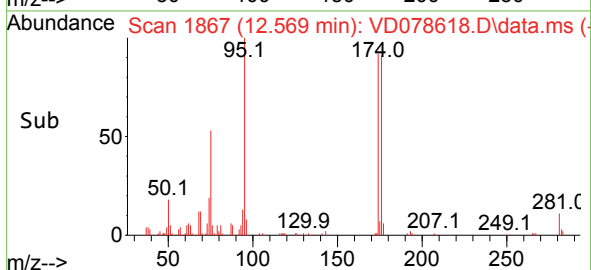
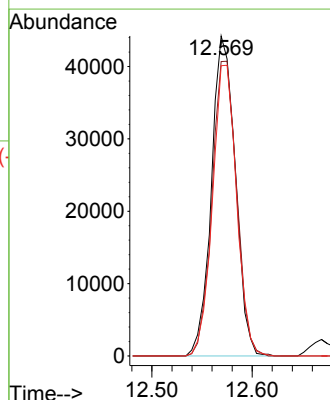
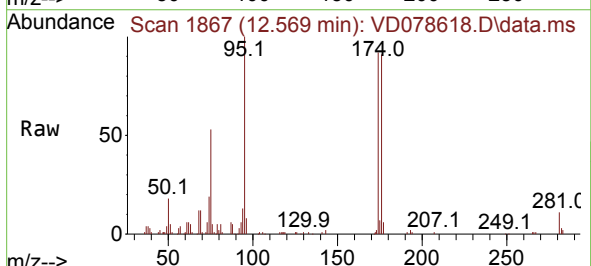
Tgt Ion: 95 Resp: 73064

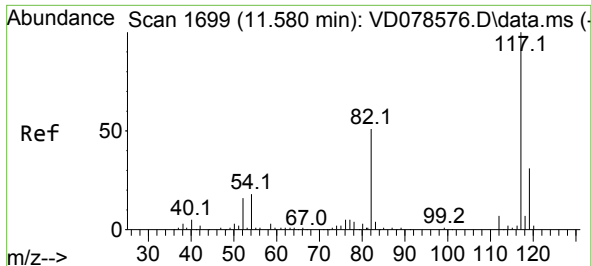
Ion Ratio Lower Upper

95 100

174 94.7 0.0 201.8

176 91.6 0.0 191.8

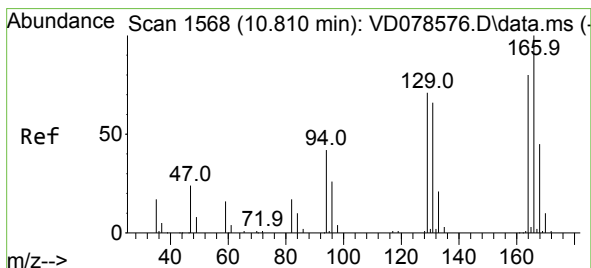
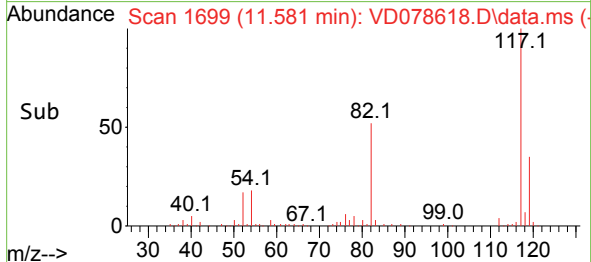
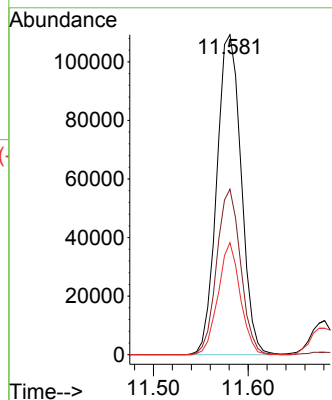
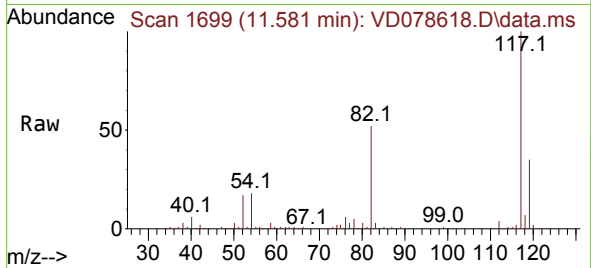




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

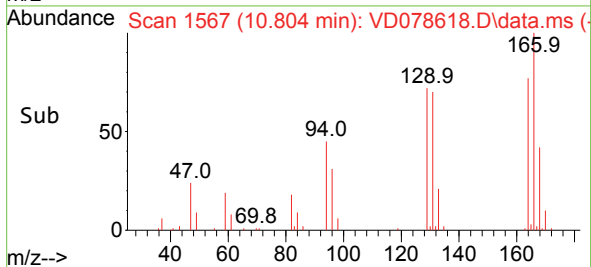
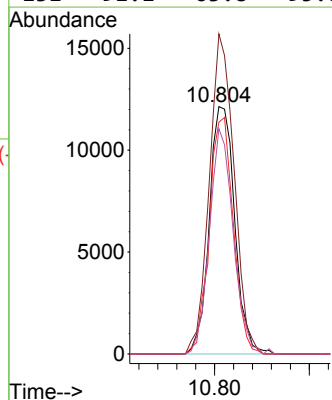
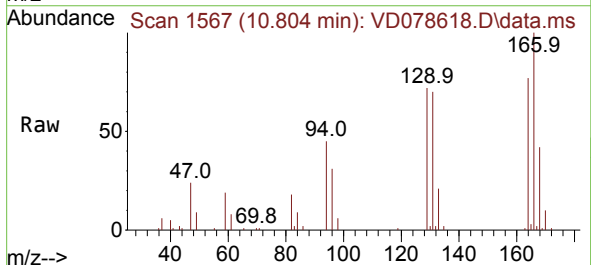
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBS01

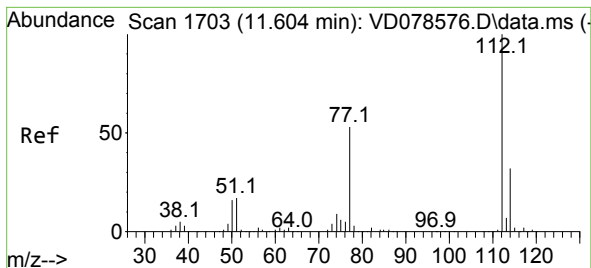
Tgt Ion:117 Resp: 195825
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 35.0 25.0 37.4



#64
Tetrachloroethene
Concen: 18.347 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:164 Resp: 22606
Ion Ratio Lower Upper
164 100
166 129.3 99.2 148.8
129 93.7 68.4 102.6
131 91.1 63.8 95.8





#65

Chlorobenzene

Concen: 18.797 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

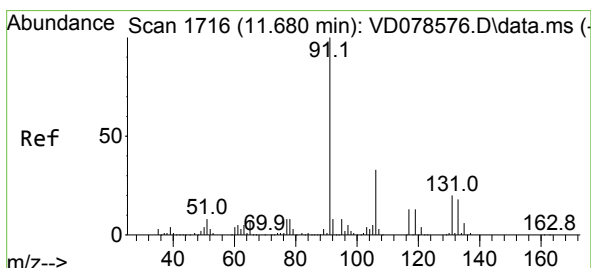
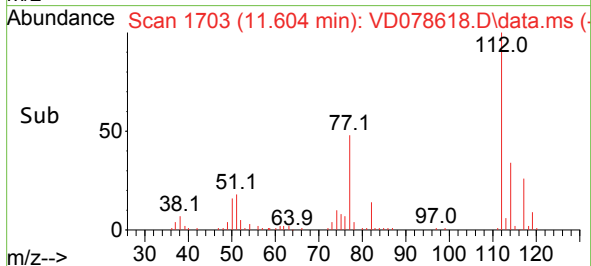
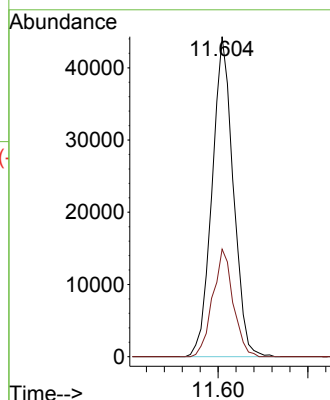
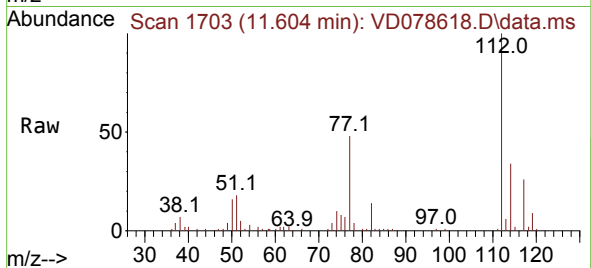
VD0308SBS01

Tgt Ion:112 Resp: 72488

Ion Ratio Lower Upper

112 100

114 33.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.081 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

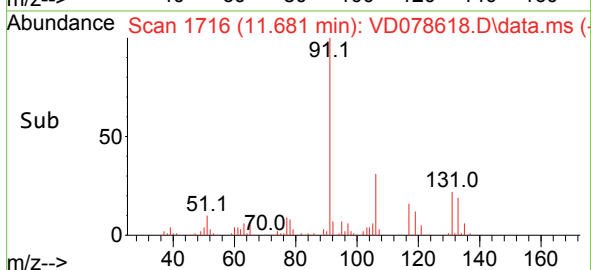
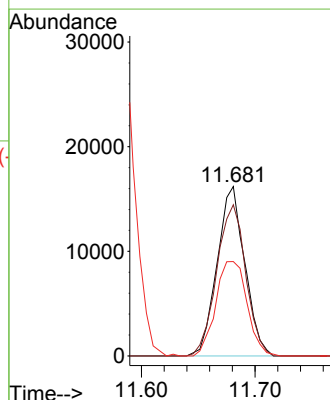
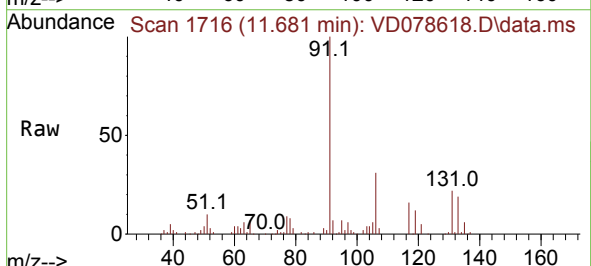
Tgt Ion:131 Resp: 27393

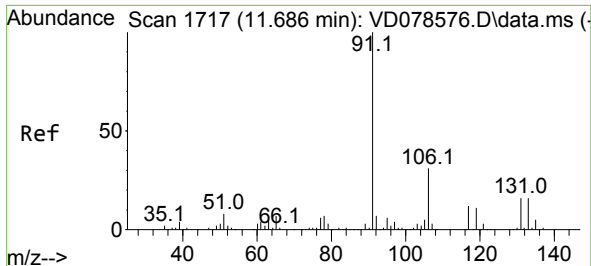
Ion Ratio Lower Upper

131 100

133 93.6 48.5 145.5

119 63.0 35.6 106.9





#67

Ethyl Benzene

Concen: 17.830 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

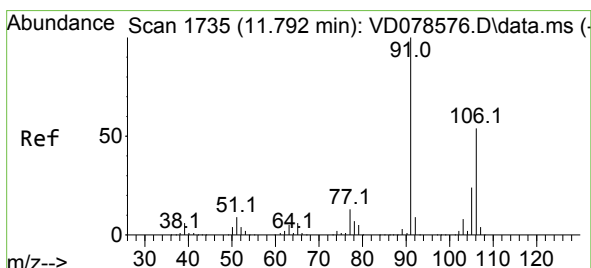
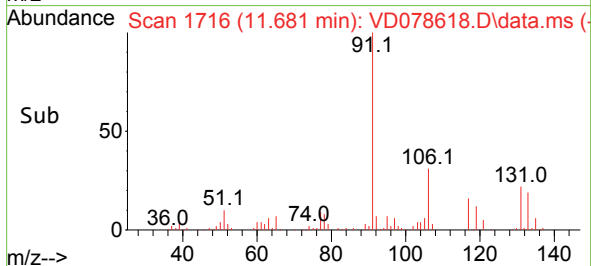
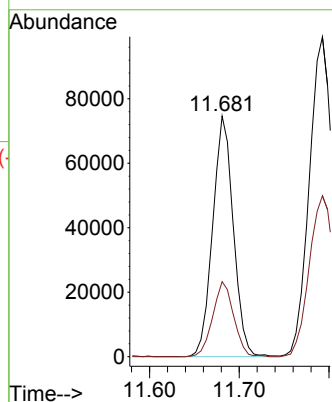
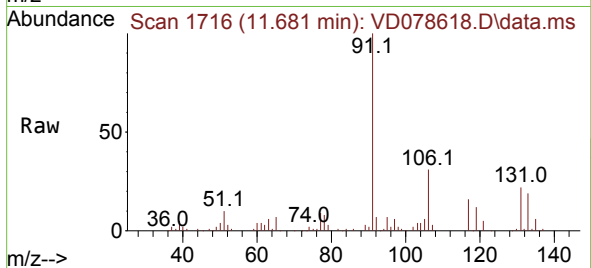
VD0308SBSD01

Tgt Ion: 91 Resp: 119135

Ion Ratio Lower Upper

91 100

106 31.2 26.5 39.7



#68

m/p-Xylenes

Concen: 35.438 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078618.D

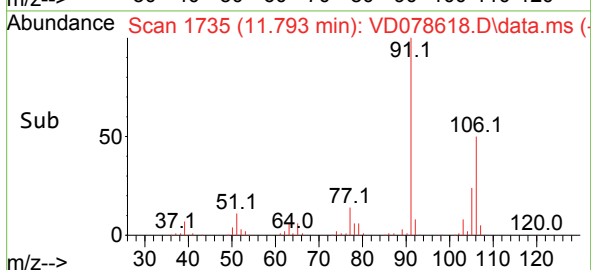
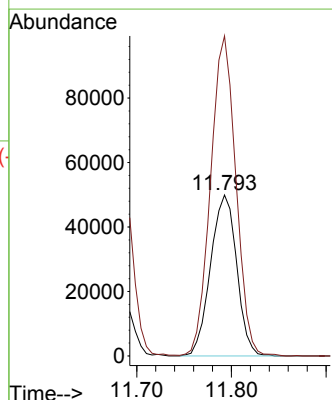
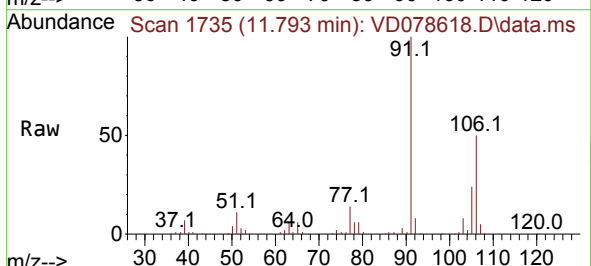
Acq: 08 Mar 2024 13:37

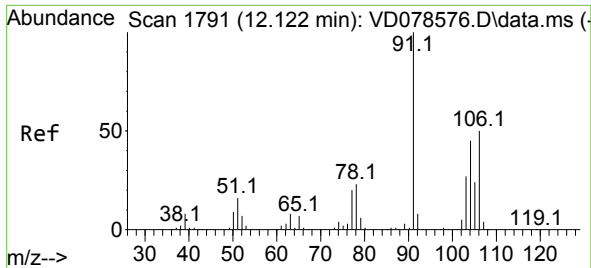
Tgt Ion:106 Resp: 95794

Ion Ratio Lower Upper

106 100

91 192.6 147.0 220.6

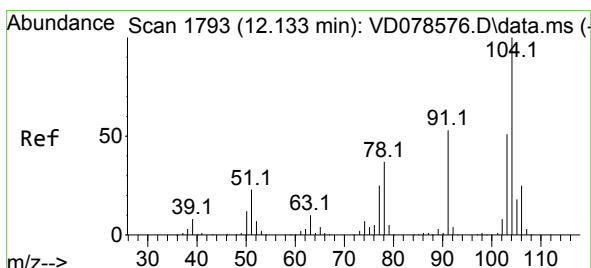
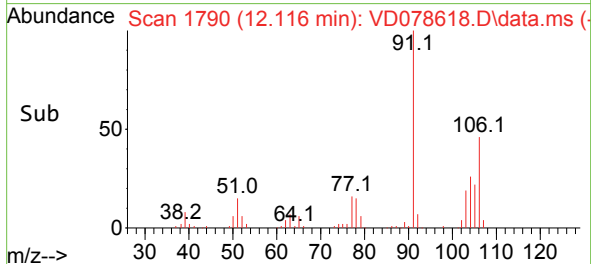
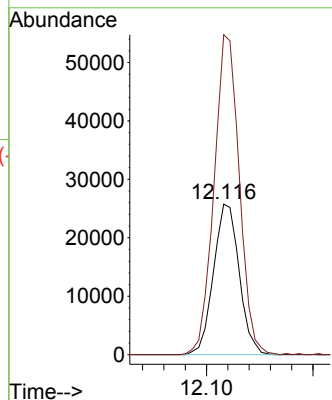
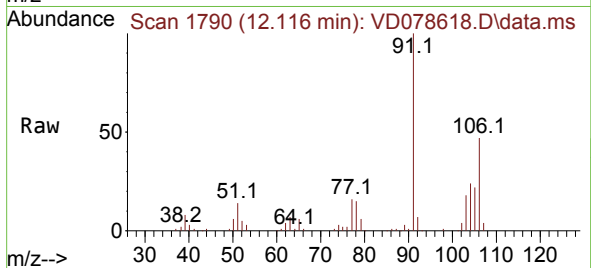




#69
o-Xylene
Concen: 17.565 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.005 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

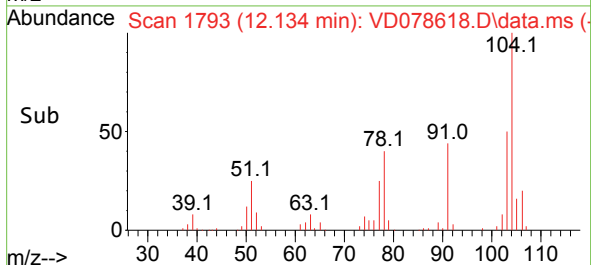
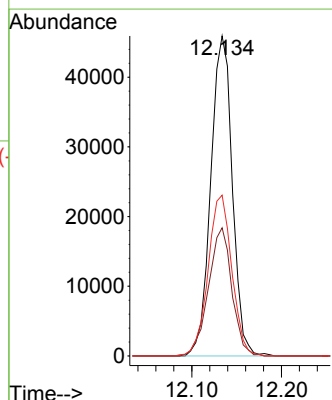
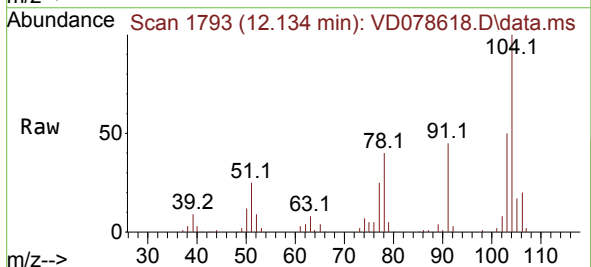
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

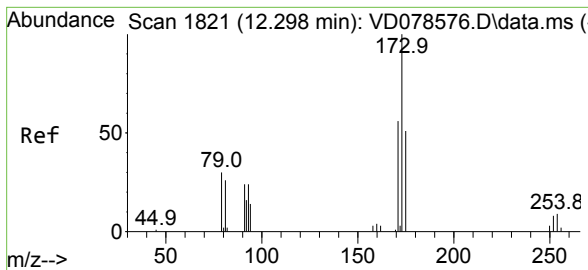
Tgt Ion:106 Resp: 43075
Ion Ratio Lower Upper
106 100
91 209.1 97.9 293.6



#70
Styrene
Concen: 17.993 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:104 Resp: 76481
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 55.3 43.6 65.4

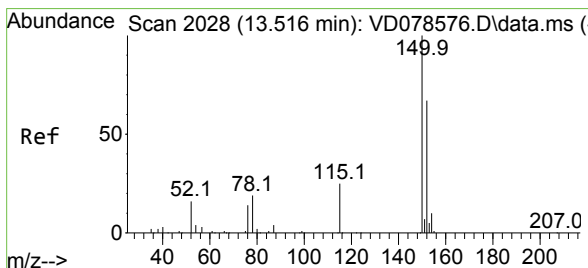
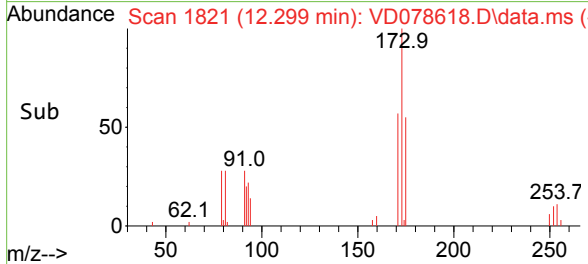
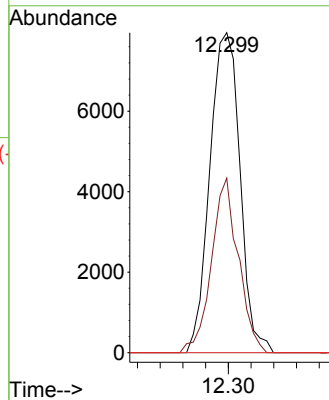
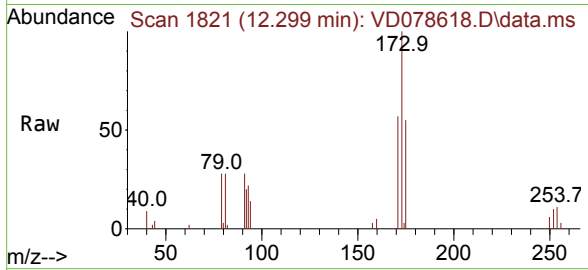




#71
Bromoform
Concen: 19.217 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

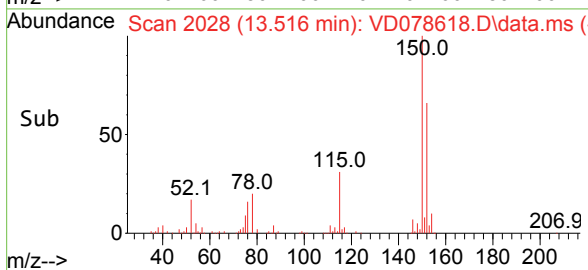
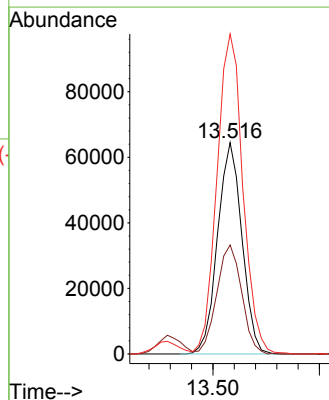
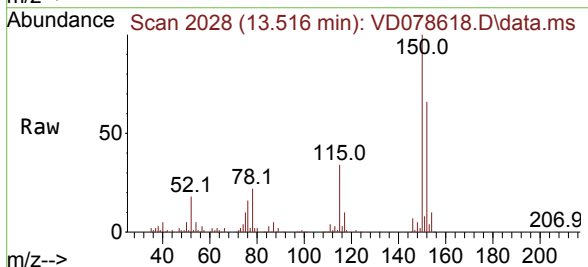
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

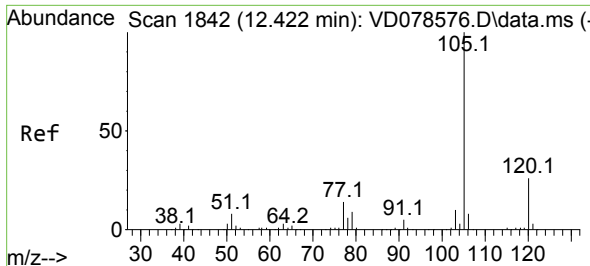
Tgt Ion:173 Resp: 14677
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:152 Resp: 102170
Ion Ratio Lower Upper
152 100
115 52.8 27.1 81.3
150 161.2 0.0 353.6

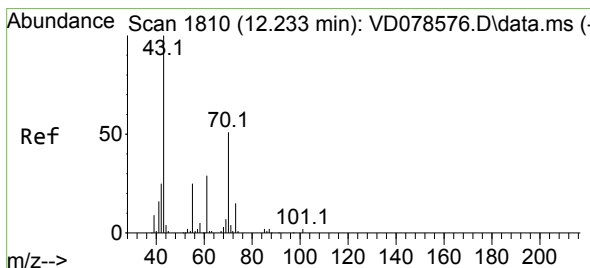
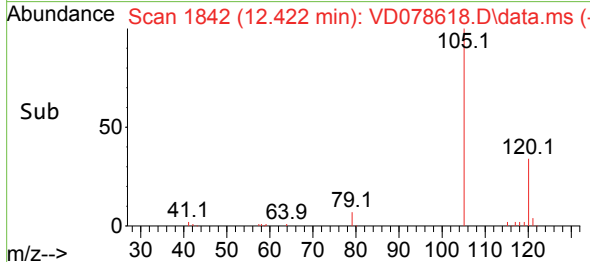
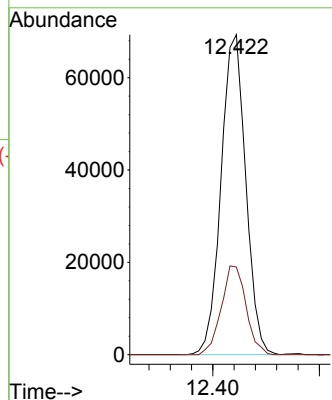
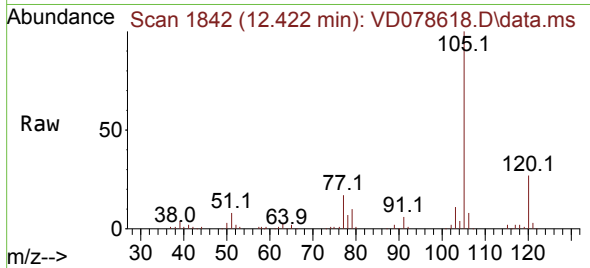




#73
Isopropylbenzene
Concen: 17.207 ug/l
RT: 12.422 min Scan# 111441
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

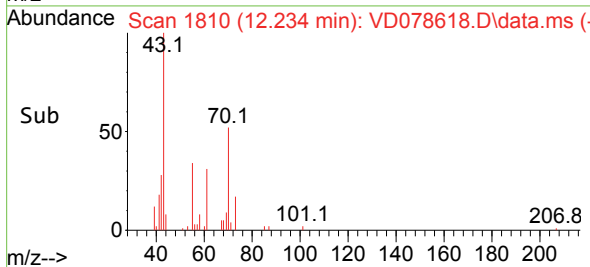
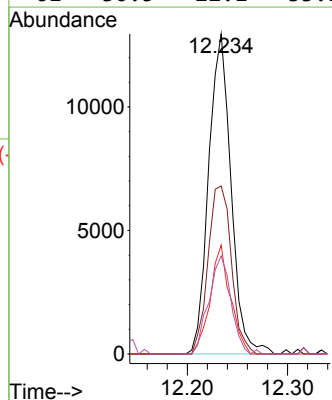
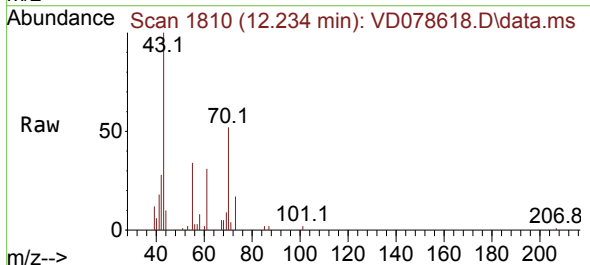
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

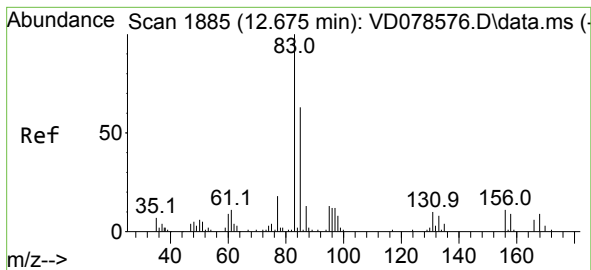
Tgt Ion:105 Resp: 111441
Ion Ratio Lower Upper
105 100
120 27.8 14.3 42.9



#74
N-ethyl acetate
Concen: 18.450 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 43 Resp: 20112
Ion Ratio Lower Upper
43 100
70 54.9 45.0 67.4
55 30.7 23.8 35.6
61 30.5 22.1 33.1

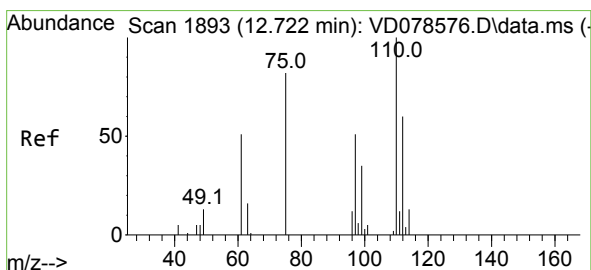
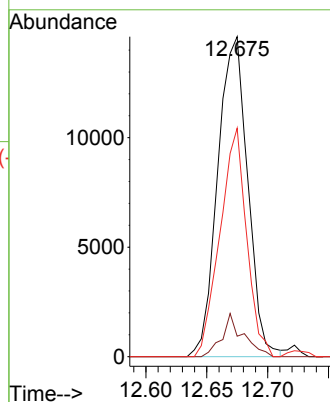
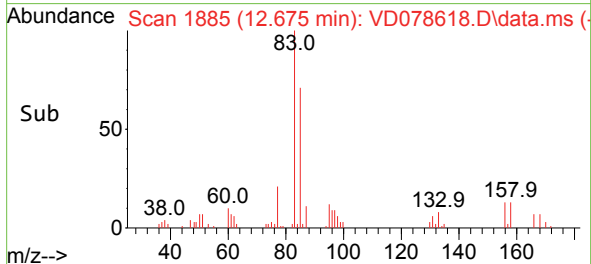
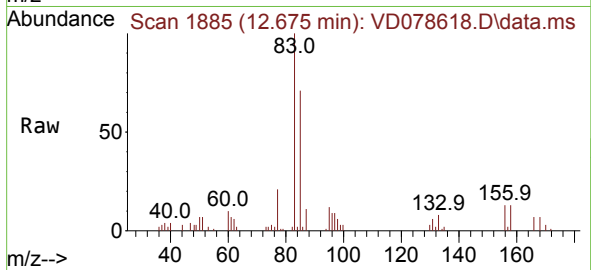




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.145 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

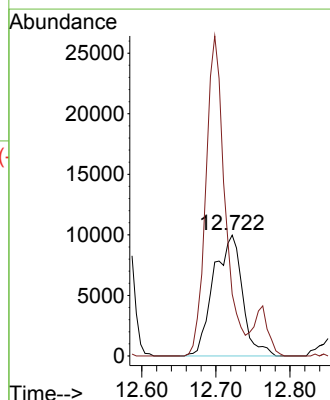
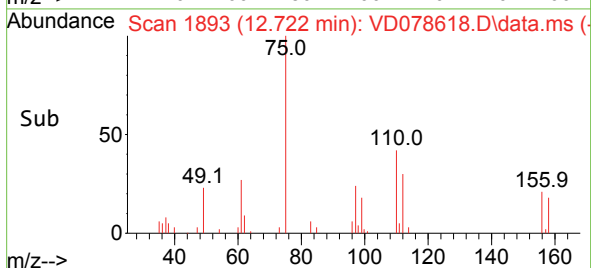
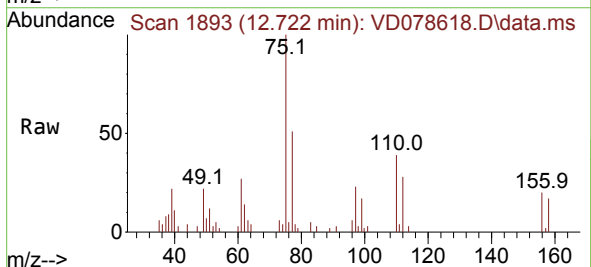
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBSD01

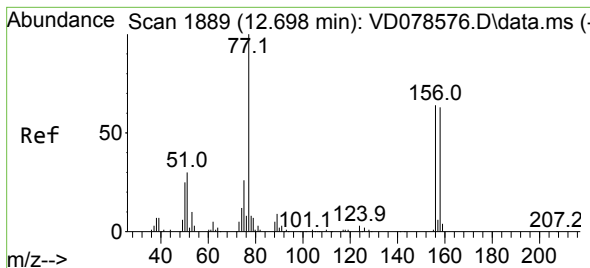
Tgt Ion: 83 Resp: 24994
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 63.5 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.650 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 75 Resp: 27038
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.427 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBSD01

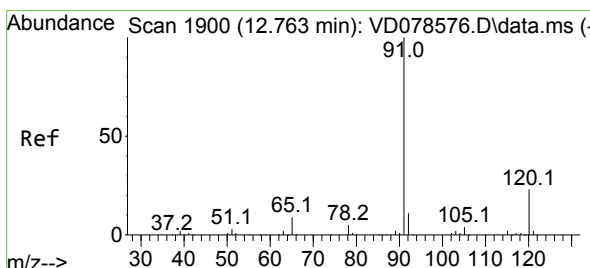
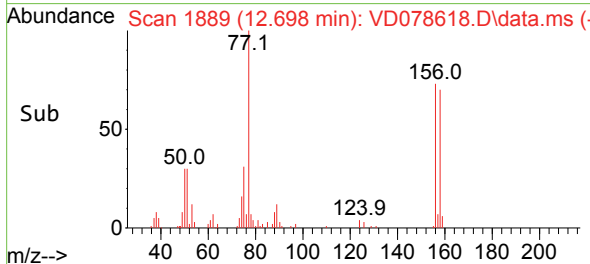
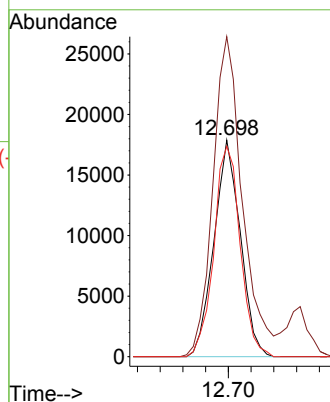
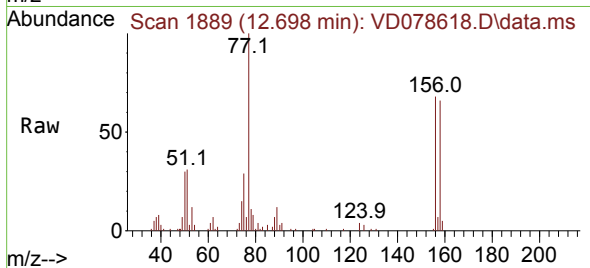
Tgt Ion:156 Resp: 28863

Ion Ratio Lower Upper

156 100

77 164.5 76.8 230.4

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.272 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078618.D

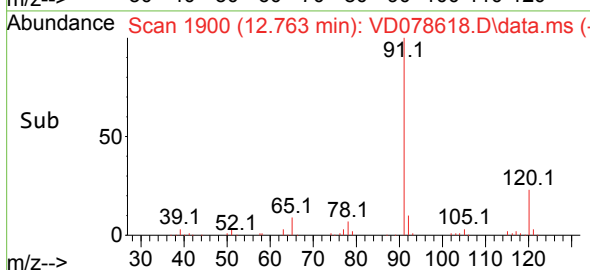
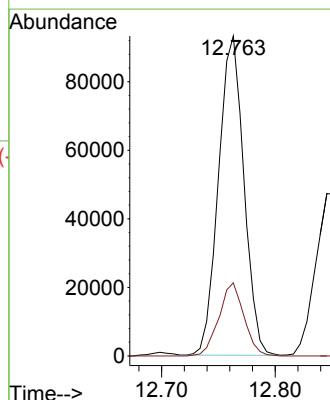
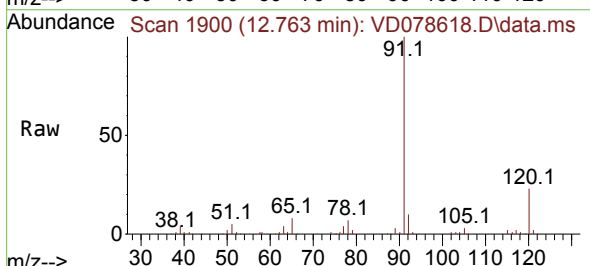
Acq: 08 Mar 2024 13:37

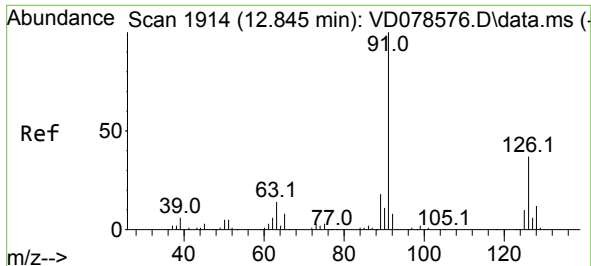
Tgt Ion: 91 Resp: 144750

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2

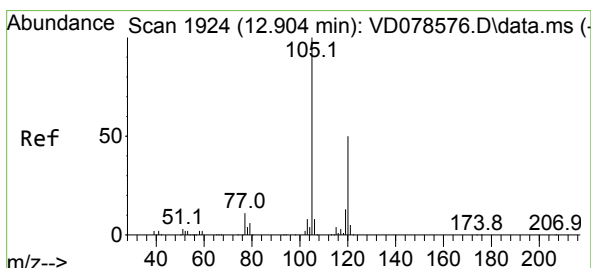
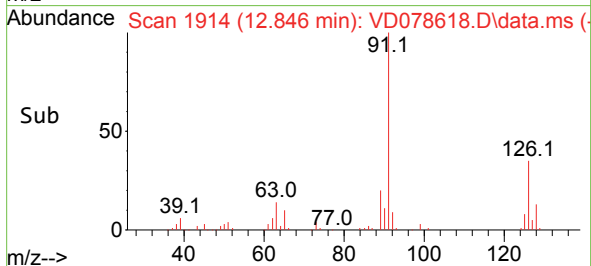
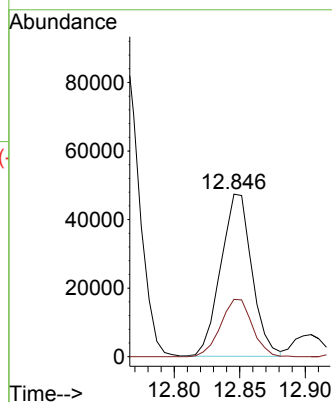
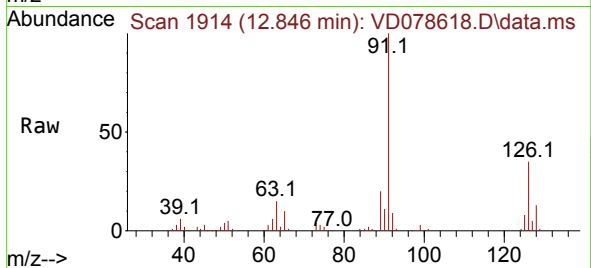




#79
2-Chlorotoluene
Concen: 18.438 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

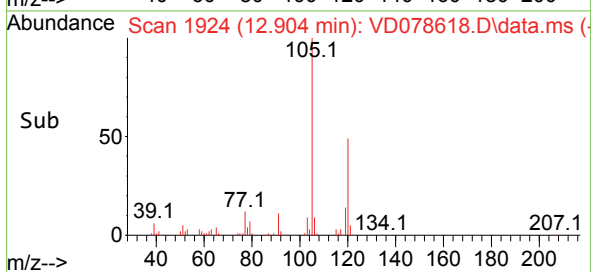
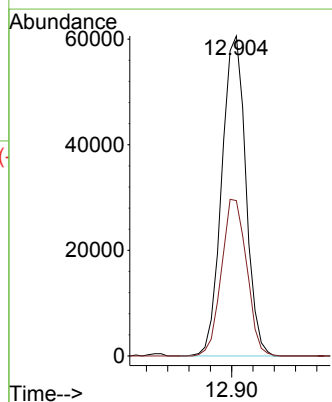
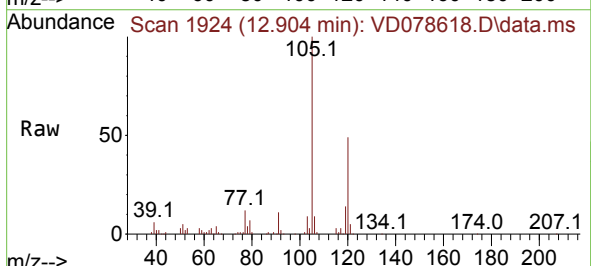
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

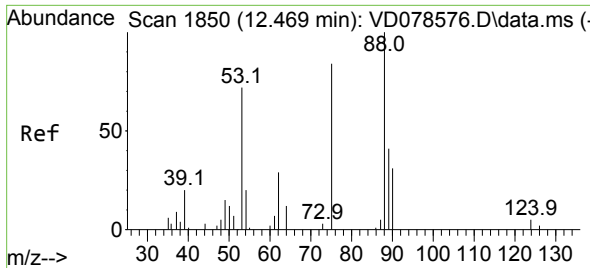
Tgt Ion: 91 Resp: 78381
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 17.965 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion: 105 Resp: 94676
Ion Ratio Lower Upper
105 100
120 51.5 26.4 79.2

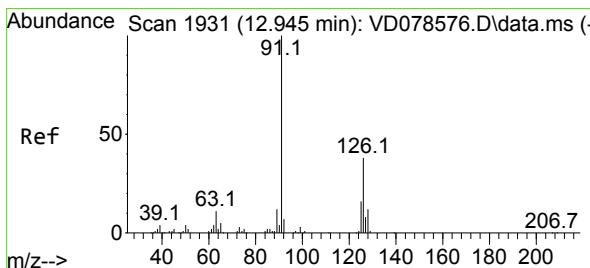
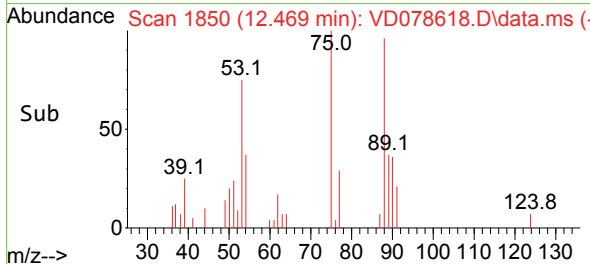
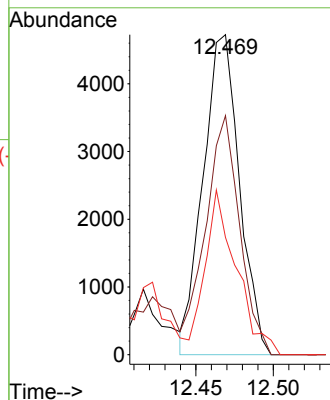
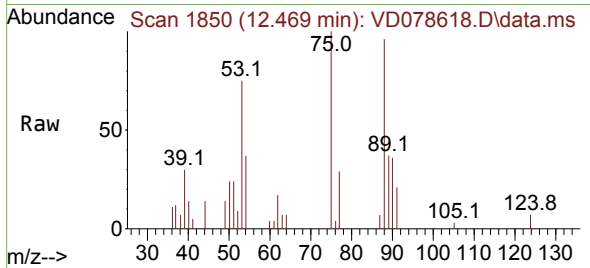




#81
trans-1,4-Dichloro-2-butene
Concen: 21.113 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

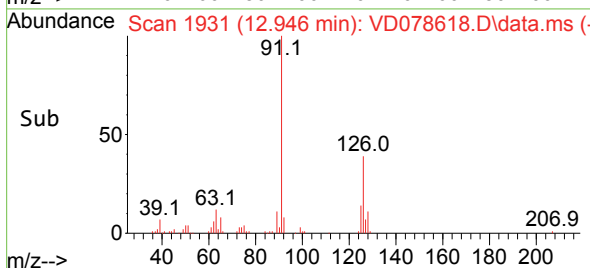
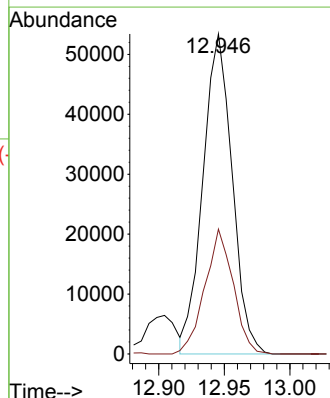
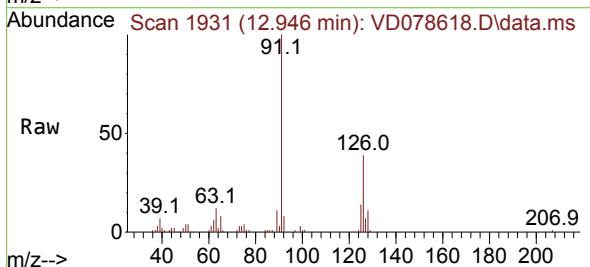
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

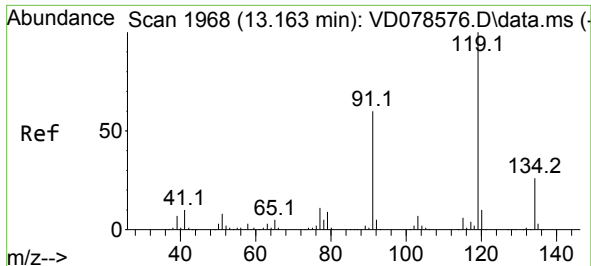
Tgt Ion:	75	Resp:	7697
Ion	Ratio	Lower	Upper
75	100		
53	70.6	63.0	94.4
89	44.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 18.286 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:	91	Resp:	82846
Ion	Ratio	Lower	Upper
91	100		
126	37.8	19.4	58.4

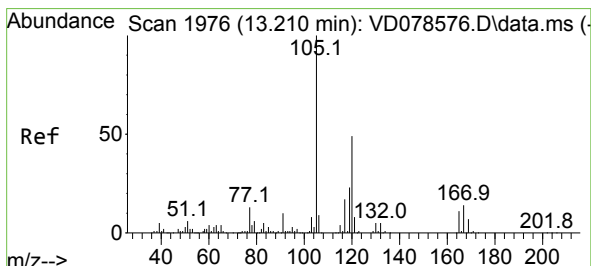
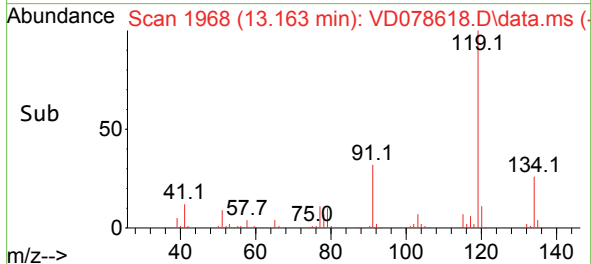
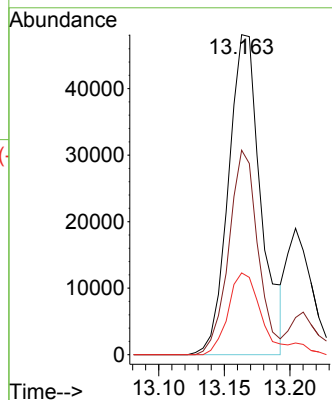
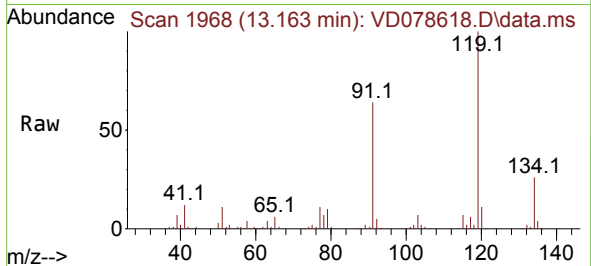




#83
tert-Butylbenzene
Concen: 18.281 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

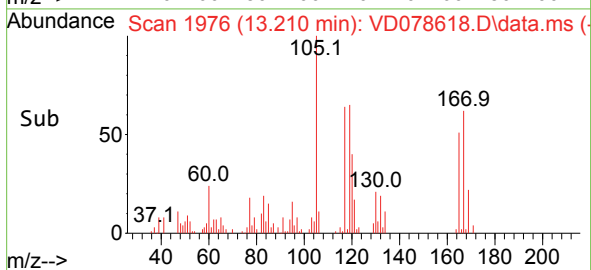
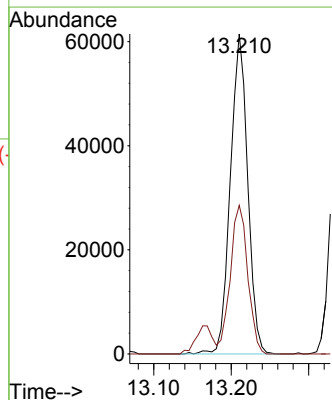
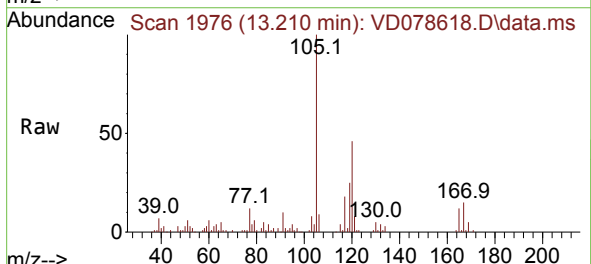
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBSD01

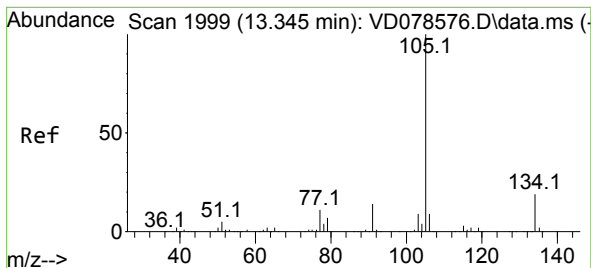
Tgt Ion:119 Resp: 82958
Ion Ratio Lower Upper
119 100
91 57.7 29.3 87.8
134 27.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 17.742 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078618.D
Acq: 08 Mar 2024 13:37

Tgt Ion:105 Resp: 95571
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 17.852 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

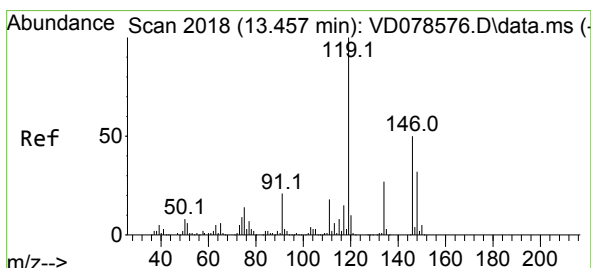
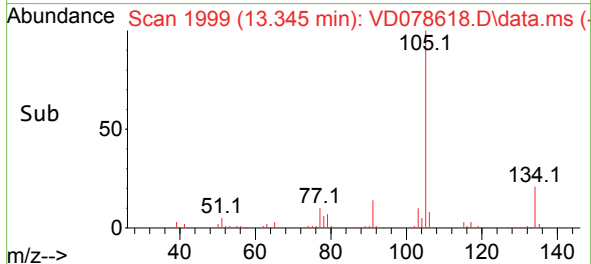
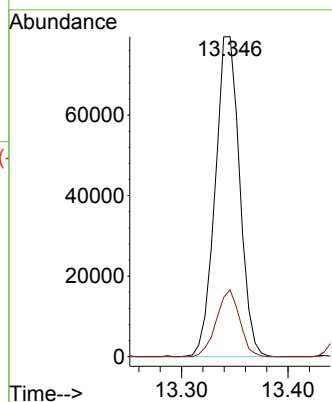
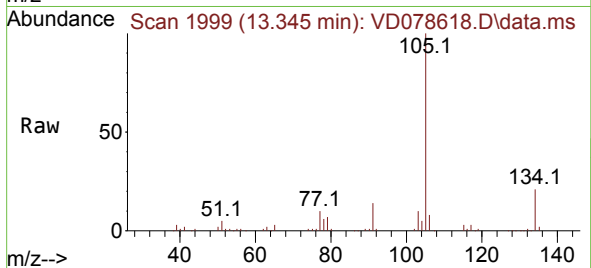
VD0308SBSD01

Tgt Ion:105 Resp: 126379

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 17.633 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

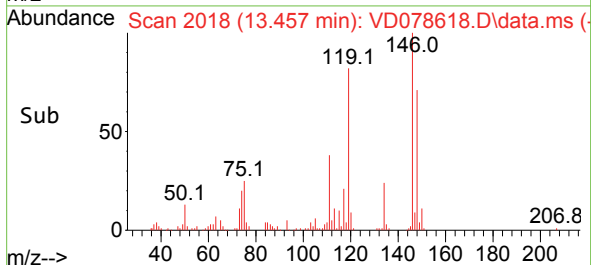
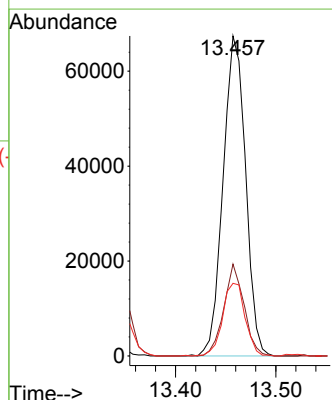
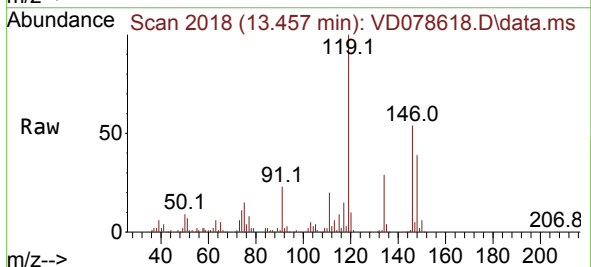
Tgt Ion:119 Resp: 105082

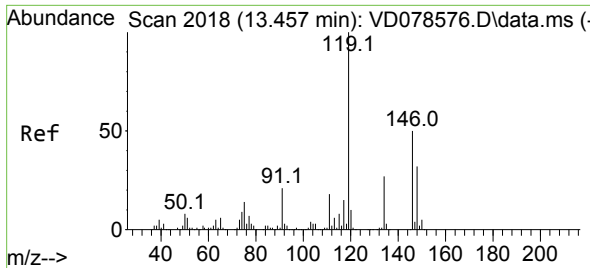
Ion Ratio Lower Upper

119 100

134 25.8 14.2 42.6

91 22.8 10.5 31.5

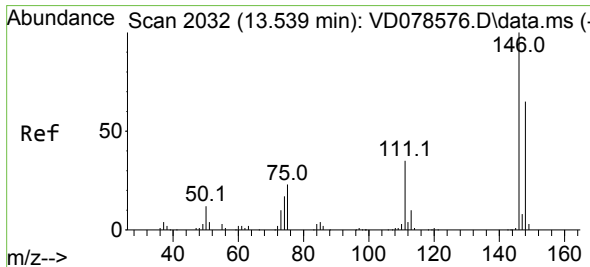
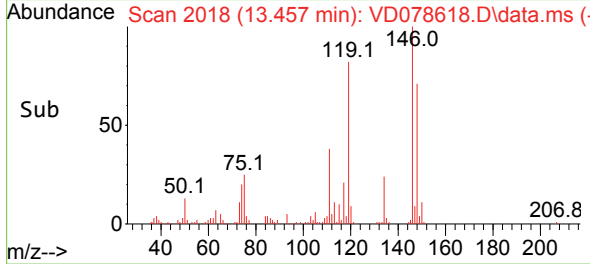
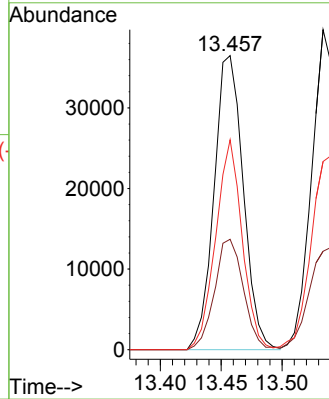
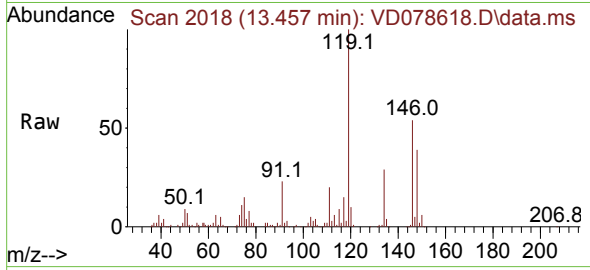




#87
 1,3-Dichlorobenzene
 Concen: 18.207 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

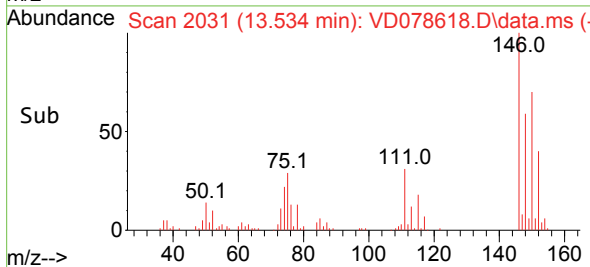
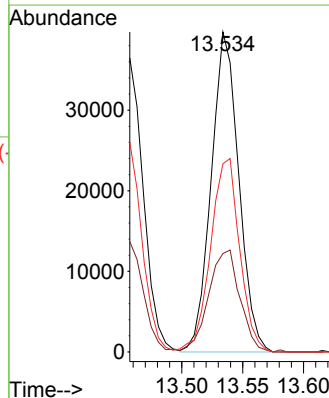
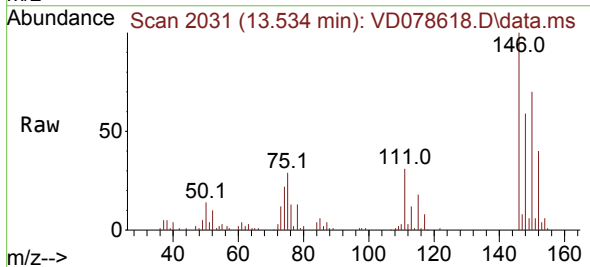
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

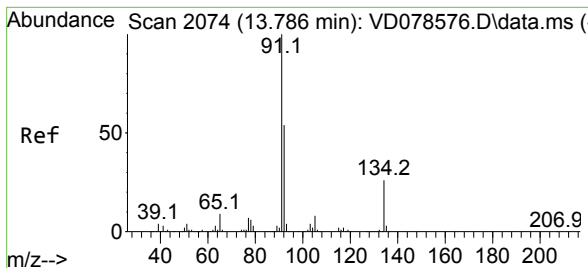
Tgt Ion:146 Resp: 60935
 Ion Ratio Lower Upper
 146 100
 111 37.3 17.9 53.8
 148 64.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 18.649 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.005 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion:146 Resp: 62532
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.4 52.3
 148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 17.287 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBSD01

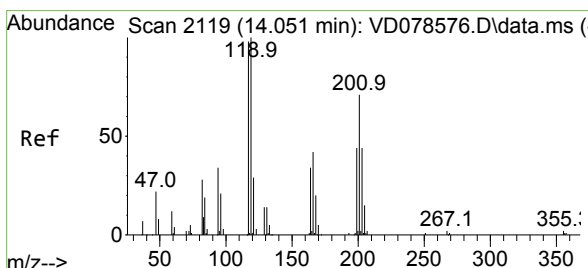
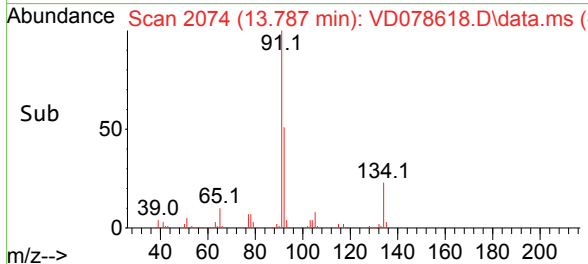
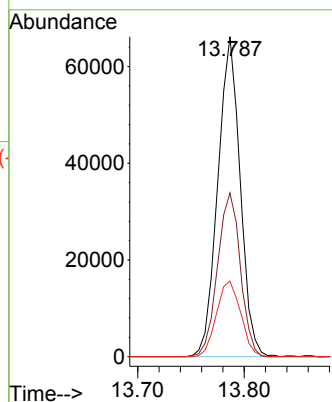
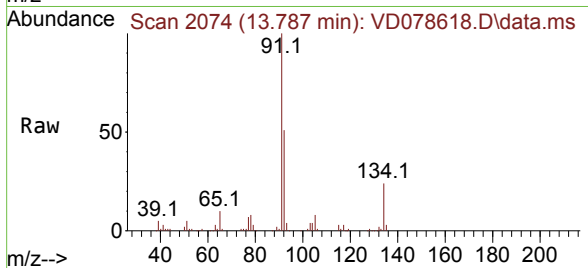
Tgt Ion: 91 Resp: 96279

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 18.700 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078618.D

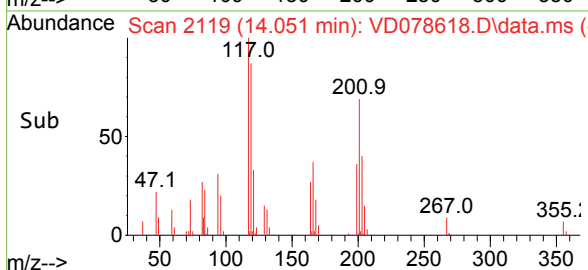
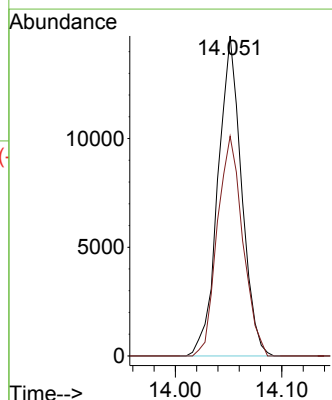
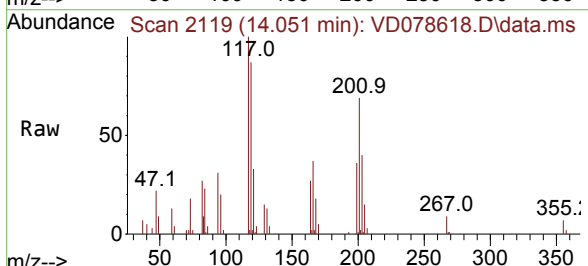
Acq: 08 Mar 2024 13:37

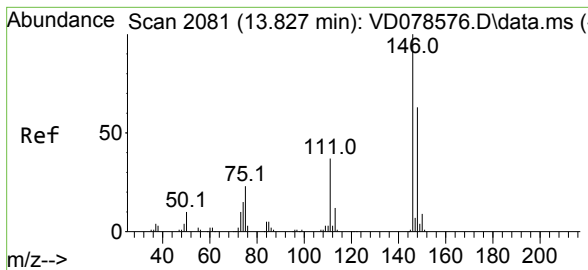
Tgt Ion: 117 Resp: 22660

Ion Ratio Lower Upper

117 100

201 74.0 38.5 115.5

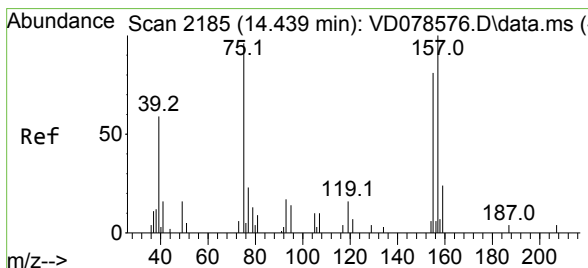
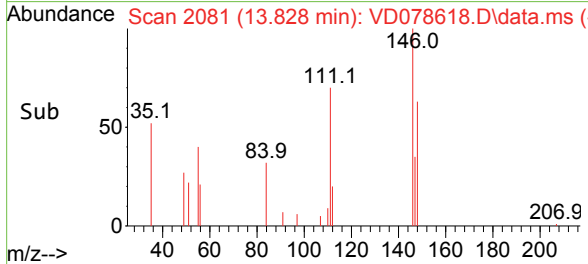
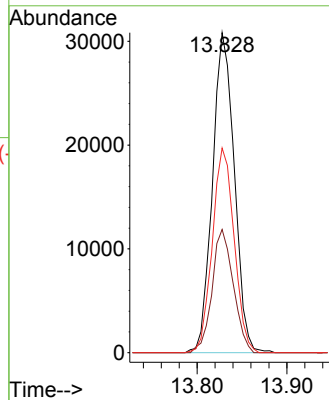
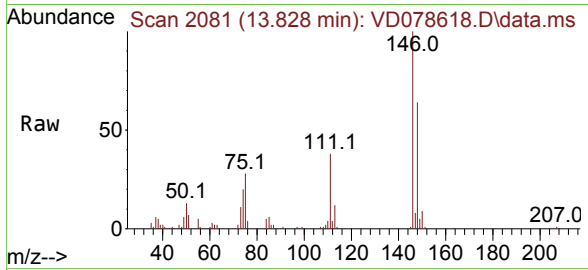




#91
 1,2-Dichlorobenzene
 Concen: 18.306 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

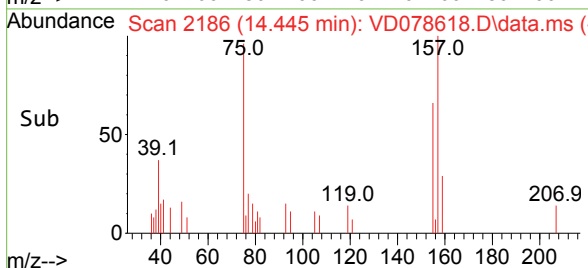
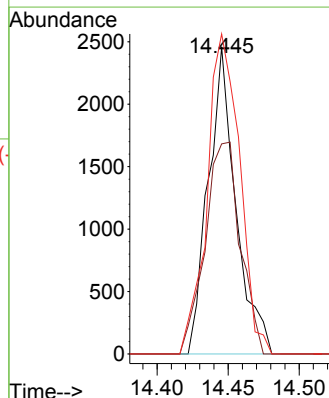
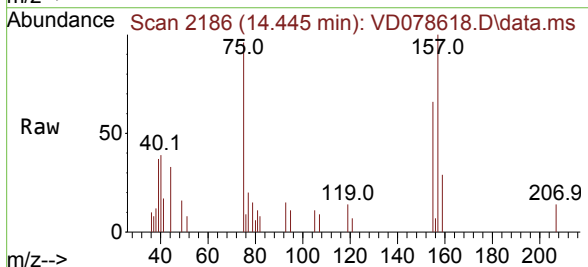
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBSD01

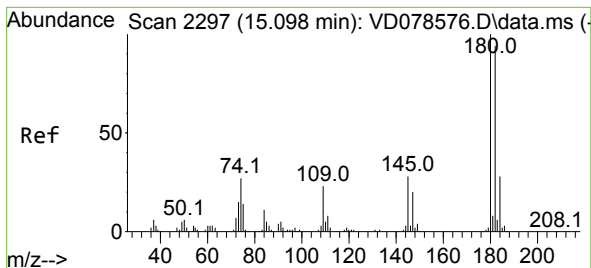
Tgt Ion:146	Resp:	52041
Ion Ratio	Lower	Upper
146	100	
111	37.5	18.3 54.8
148	64.0	31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.045 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion: 75	Resp:	3315
Ion Ratio	Lower	Upper
75	100	
155	88.0	47.9 143.8
157	123.3	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.798 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078618.D

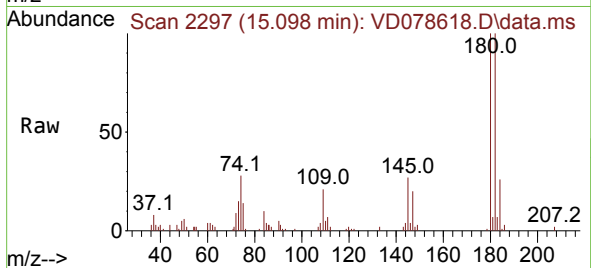
Acq: 08 Mar 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBS01



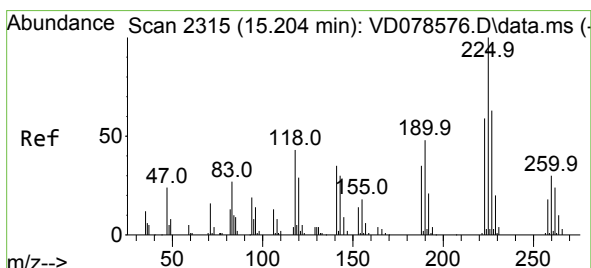
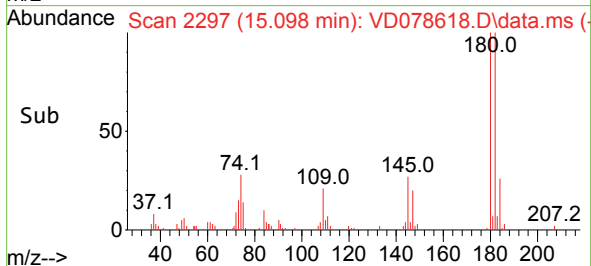
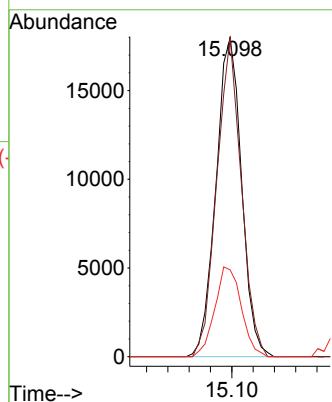
Tgt Ion:180 Resp: 29962

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.733 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078618.D

Acq: 08 Mar 2024 13:37

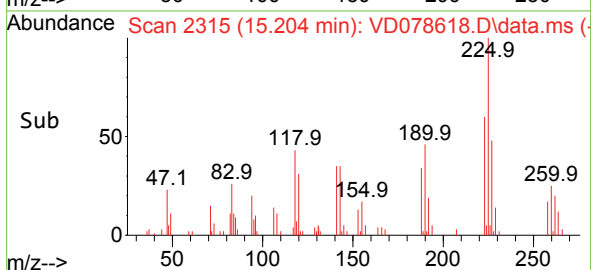
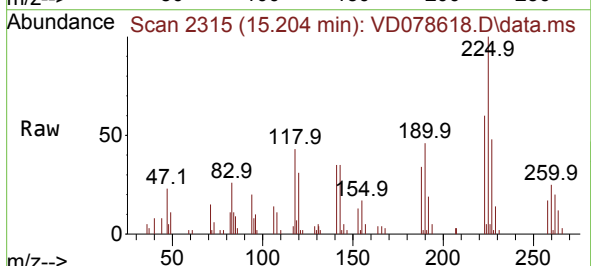
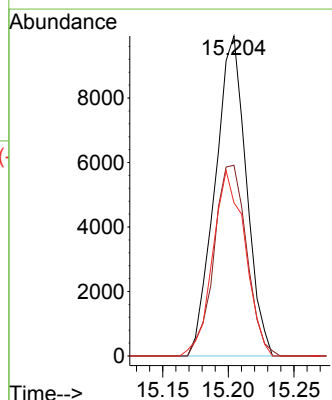
Tgt Ion:225 Resp: 16425

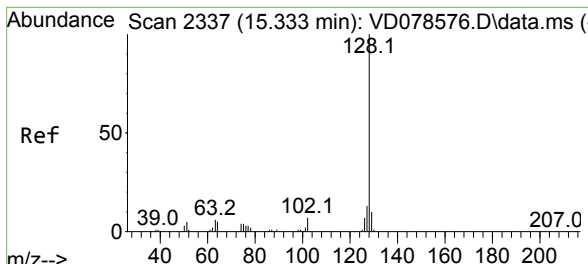
Ion Ratio Lower Upper

225 100

223 62.4 31.6 94.8

227 59.8 31.7 95.1

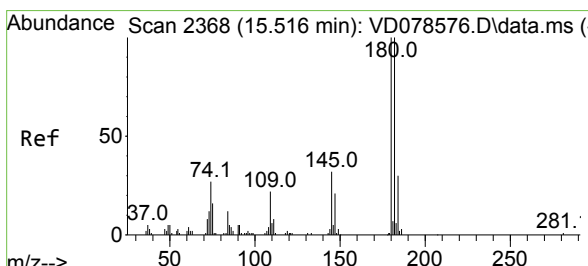
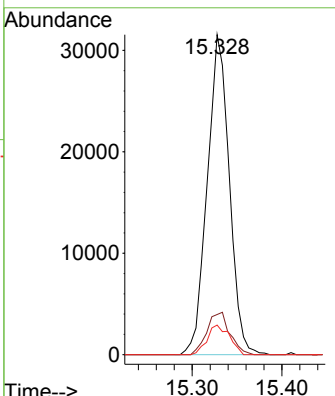
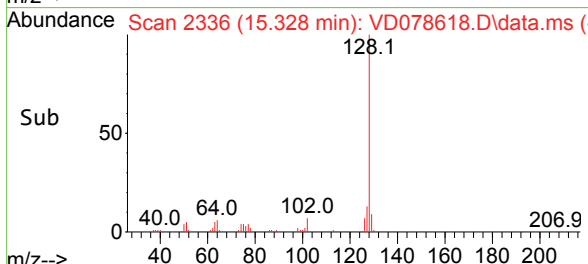
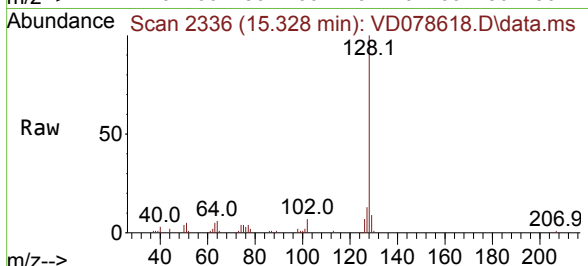




#95
 Naphthalene
 Concen: 18.101 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Tgt Ion:	128	Resp:	53846
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	9.2	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 17.205 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.006 min
 Lab File: VD078618.D
 Acq: 08 Mar 2024 13:37

Tgt Ion:	180	Resp:	25722
Ion	Ratio	Lower	Upper
180	100		
182	99.4	47.3	141.9
145	32.4	15.1	45.3

