

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078585.D
 Acq On : 04 Mar 2024 12:51
 Operator : RP/MD
 Sample : VD0304SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

Quant Time: Mar 05 04:13:21 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	143358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72056	50.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.400%
35) Dibromofluoromethane	7.804	113	78595	49.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.269	98	299749	48.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.569	95	88353	49.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28200	22.924	ug/l	97
3) Chloromethane	2.146	50	54895	24.787	ug/l	96
4) Vinyl Chloride	2.275	62	84466	23.970	ug/l	100
5) Bromomethane	2.675	94	62533	22.219	ug/l	99
6) Chloroethane	2.822	64	62156	23.799	ug/l	100
7) Trichlorofluoromethane	3.163	101	51159	21.471	ug/l	96
8) Diethyl Ether	3.599	74	14673	21.930	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.957	101	30384	20.233	ug/l	98
10) Methyl Iodide	4.157	142	27194	17.305	ug/l #	90
11) Tert butyl alcohol	5.069	59	10325	152.856	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	29061	20.729	ug/l	92
13) Acrolein	3.799	56	17065	121.084	ug/l	95
14) Allyl chloride	4.557	41	31330	19.621	ug/l	94
15) Acrylonitrile	5.257	53	33458	121.295	ug/l	99
16) Acetone	4.028	43	32537	119.509	ug/l #	86
17) Carbon Disulfide	4.263	76	87991	18.839	ug/l	98
18) Methyl Acetate	4.569	43	14088	27.338	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	63351	22.225	ug/l	92
20) Methylene Chloride	4.793	84	59324	26.898	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	32808	19.477	ug/l	95
22) Diisopropyl ether	6.222	45	76315	21.317	ug/l	94
23) Vinyl Acetate	6.157	43	239274	112.533	ug/l	99
24) 1,1-Dichloroethane	6.110	63	55278	20.438	ug/l	99
25) 2-Butanone	7.087	43	44542	129.698	ug/l #	87
26) 2,2-Dichloropropane	7.069	77	45963	20.116	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	36772	19.936	ug/l	96
28) Bromochloromethane	7.428	49	22232	22.003	ug/l	87
29) Tetrahydrofuran	7.446	42	23977	125.667	ug/l	95
30) Chloroform	7.593	83	60061	20.567	ug/l	90
31) Cyclohexane	7.875	56	43765	19.676	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	51727	20.648	ug/l	97
36) 1,1-Dichloropropene	8.004	75	43738	19.791	ug/l	98
37) Ethyl Acetate	7.175	43	15091	21.074	ug/l #	92
38) Carbon Tetrachloride	7.993	117	46529	20.129	ug/l	95
39) Methylcyclohexane	9.269	83	49990	19.272	ug/l	95
40) Benzene	8.251	78	131586	20.087	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6846	17.837	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	35935	21.623	ug/l	95
43) Isopropyl Acetate	8.363	43	32094	23.377	ug/l	95
44) Trichloroethene	9.034	130	35340	19.659	ug/l	92
45) 1,2-Dichloropropane	9.304	63	32828	20.862	ug/l	95
46) Dibromomethane	9.392	93	19549	21.550	ug/l	94
47) Bromodichloromethane	9.587	83	46938	20.984	ug/l	98
48) Methyl methacrylate	9.381	41	14358	23.088	ug/l	93
49) 1,4-Dioxane	9.387	88	5304	567.574	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	89751	126.659	ug/l	92
52) Toluene	10.334	92	84348	20.067	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	44055	21.290	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	50593	20.420	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	28049	21.959	ug/l	93
56) Ethyl methacrylate	10.598	69	29364	22.936	ug/l	92
57) 1,3-Dichloropropane	10.875	76	46188	22.313	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	73224	141.967	ug/l	96
59) 2-Hexanone	10.922	43	69232	131.724	ug/l	88
60) Dibromochloromethane	11.069	129	33265	21.567	ug/l	98
61) 1,2-Dibromoethane	11.175	107	25927	22.116	ug/l	96
64) Tetrachloroethene	10.810	164	30140	20.875	ug/l	99
65) Chlorobenzene	11.604	112	91897	20.336	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	33763	20.069	ug/l	96
67) Ethyl Benzene	11.681	91	153537	19.609	ug/l	99
68) m/p-Xylenes	11.792	106	123032	38.840	ug/l	93
69) o-Xylene	12.122	106	56169	19.546	ug/l	96
70) Styrene	12.133	104	97504	19.575	ug/l	97
71) Bromoform	12.298	173	20192	22.562	ug/l #	99
73) Isopropylbenzene	12.422	105	146252	19.494	ug/l	96
74) N-amyl acetate	12.233	43	29725	23.539	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	32767	22.798	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	37645	41.646	ug/l #	100
77) Bromobenzene	12.698	156	37661	20.756	ug/l	94
78) n-propylbenzene	12.763	91	182394	19.875	ug/l	97
79) 2-Chlorotoluene	12.845	91	99007	20.105	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	122060	19.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9656	22.865	ug/l	95
82) 4-Chlorotoluene	12.945	91	106909	20.371	ug/l	97
83) tert-Butylbenzene	13.163	119	100677	19.152	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	122532	19.637	ug/l	99
85) sec-Butylbenzene	13.345	105	160641	19.588	ug/l	98
86) p-Isopropyltoluene	13.457	119	134291	19.452	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	78467	20.239	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	75833	19.523	ug/l	96
89) n-Butylbenzene	13.786	91	127400	19.747	ug/l	97
90) Hexachloroethane	14.051	117	28993	20.654	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	69000	20.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	4678	24.418	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	38609	19.798	ug/l	98
94) Hexachlorobutadiene	15.204	225	20734	19.324	ug/l	97
95) Naphthalene	15.327	128	77510	22.493	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	36226	20.917	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

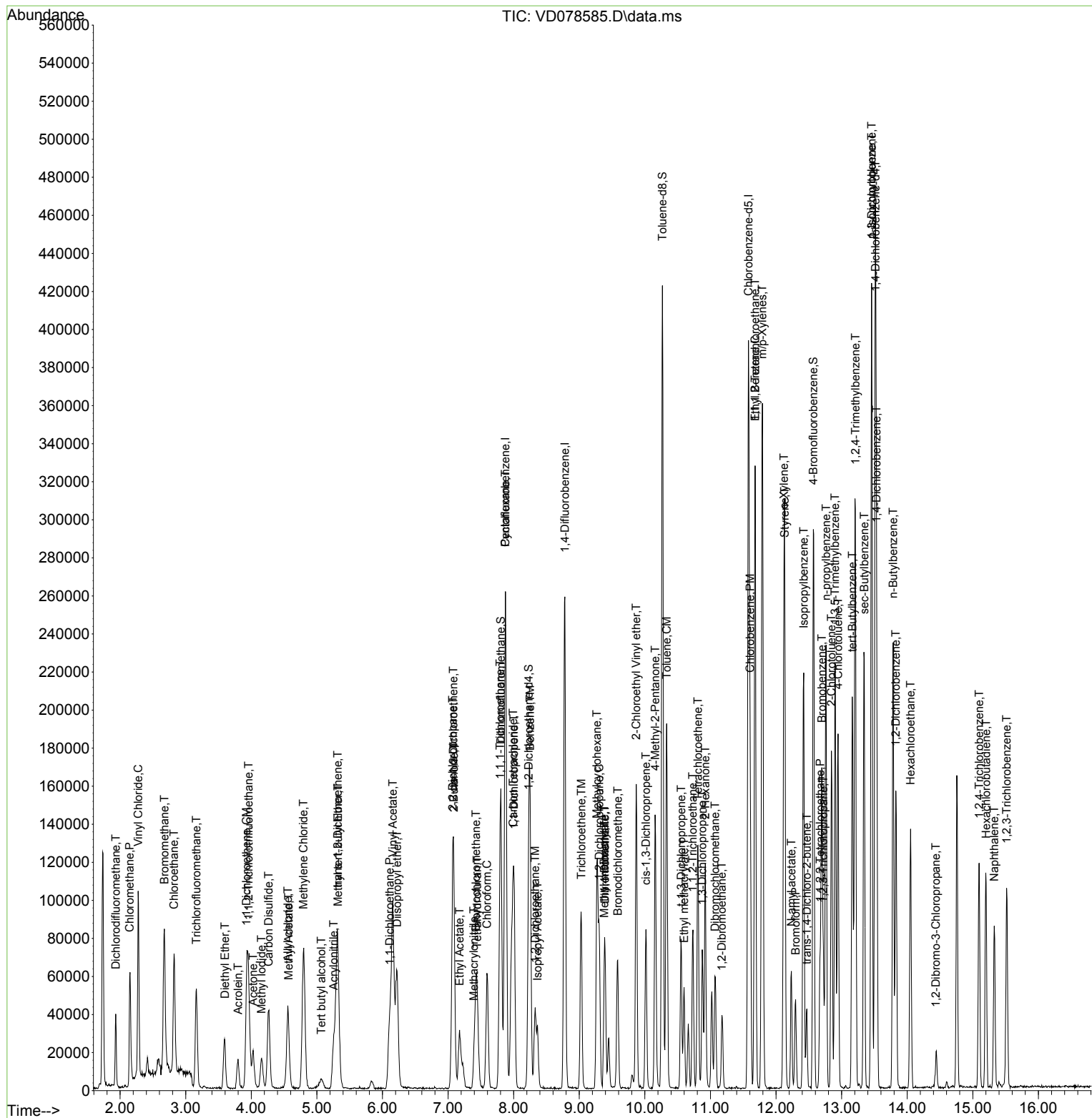
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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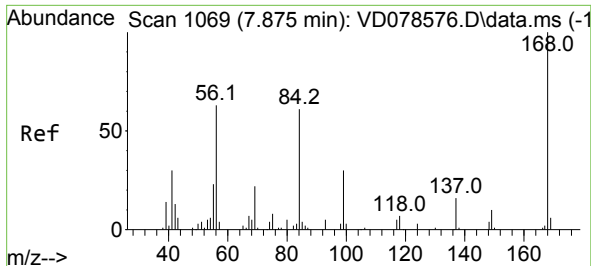
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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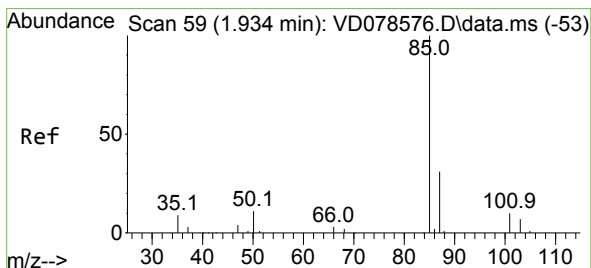
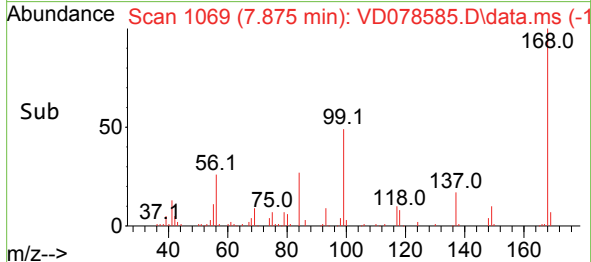
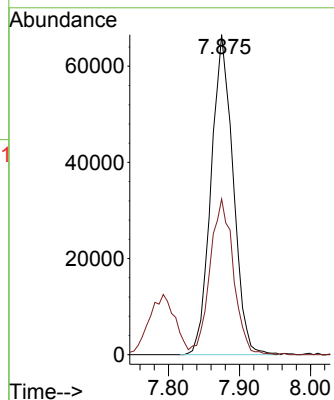
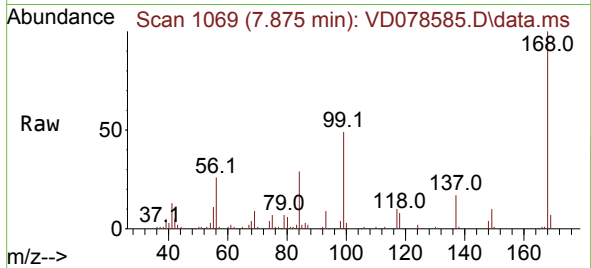




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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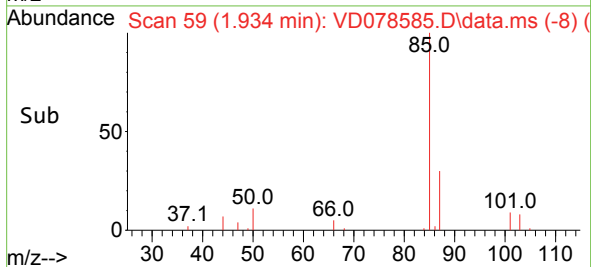
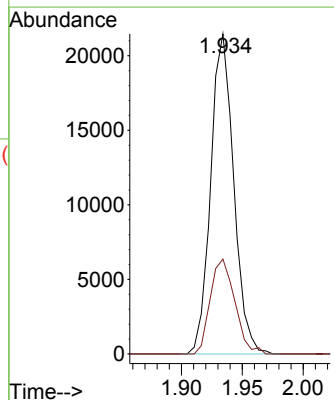
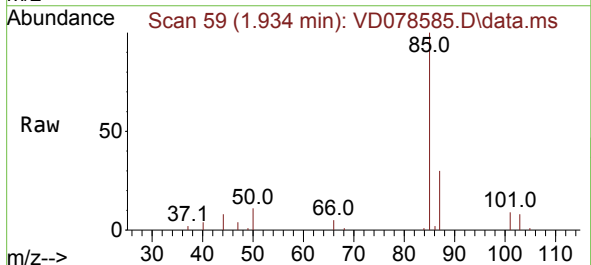
Instrument :
MSVOA_D
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VD0304SBSD01

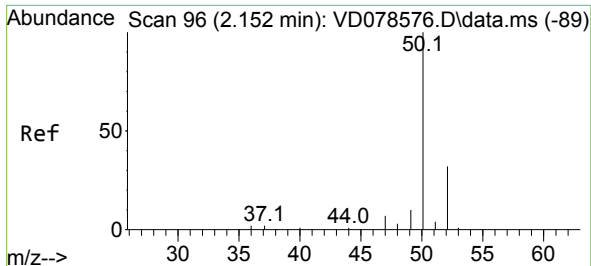
Tgt Ion:168 Resp: 143358
Ion Ratio Lower Upper
168 100
99 48.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 22.924 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 85 Resp: 28200
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.0

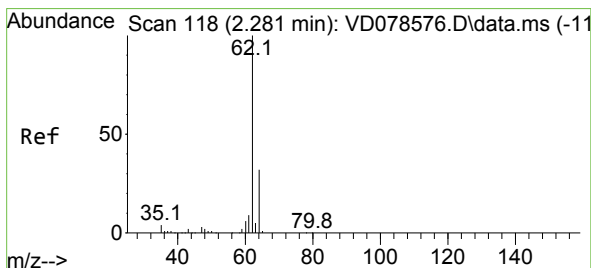
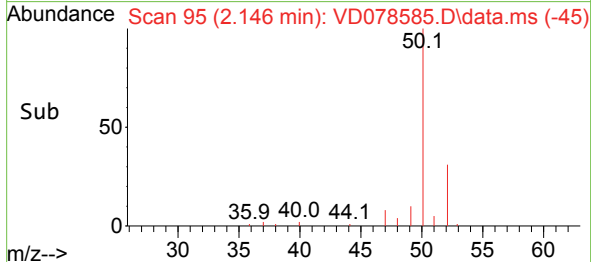
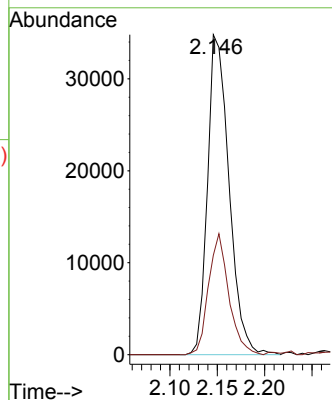
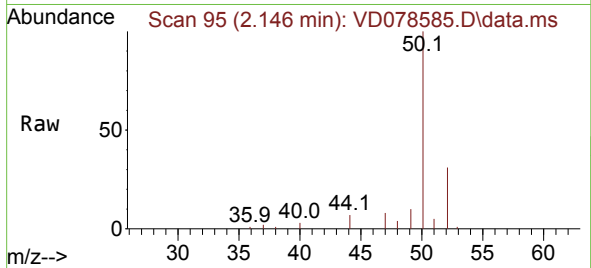




#3
Chloromethane
Concen: 24.787 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

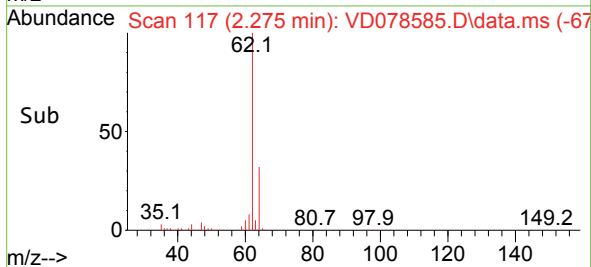
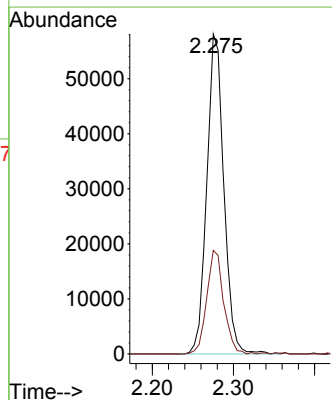
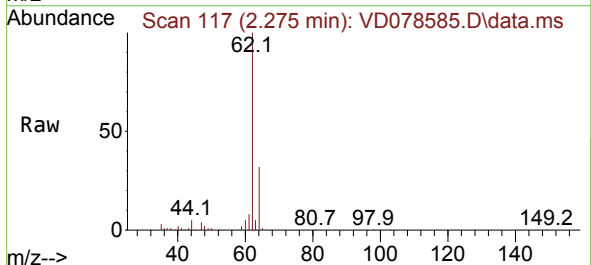
Instrument :
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ClientSampleId :
VD0304SBSD01

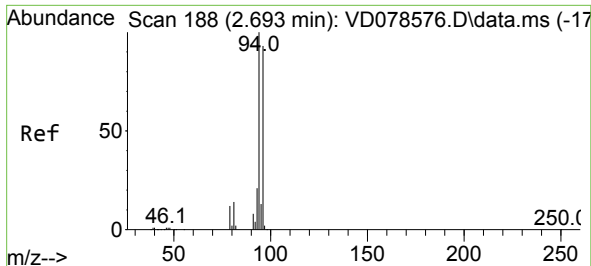
Tgt Ion: 50 Resp: 54895
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0



#4
Vinyl Chloride
Concen: 23.970 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 62 Resp: 84466
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

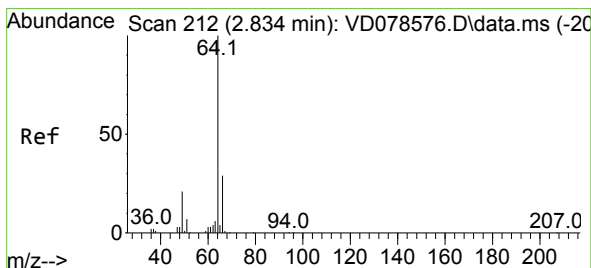
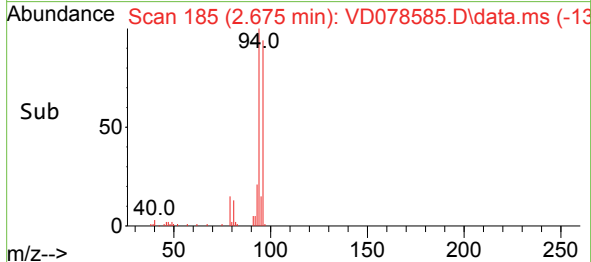
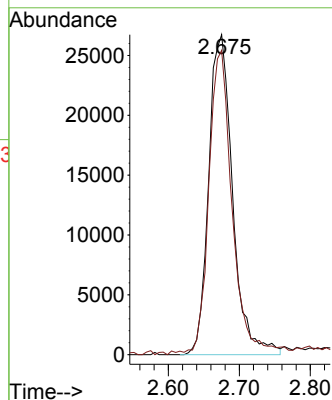
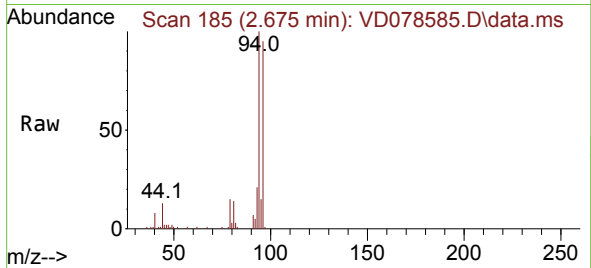




#5
Bromomethane
Concen: 22.219 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

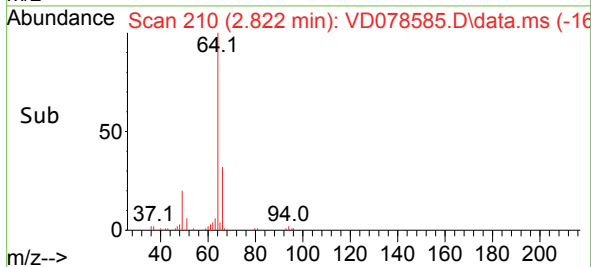
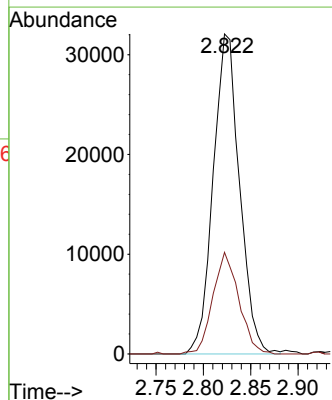
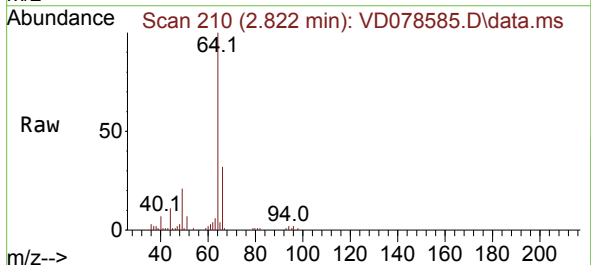
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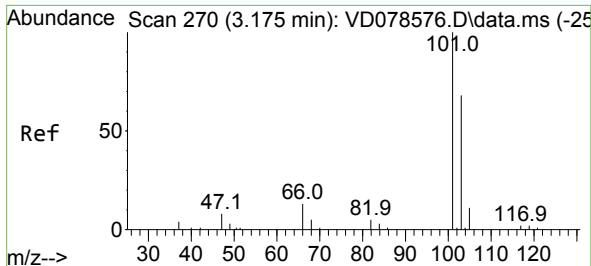
Tgt Ion: 94 Resp: 62533
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 23.799 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 64 Resp: 62156
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3

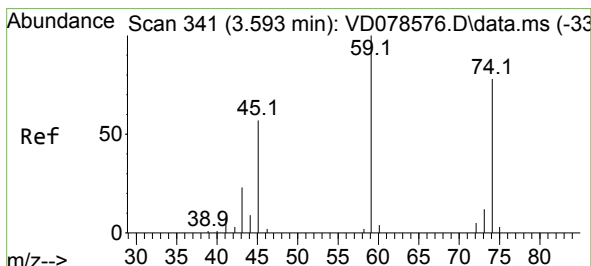
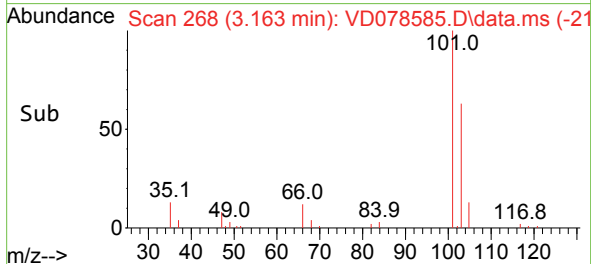
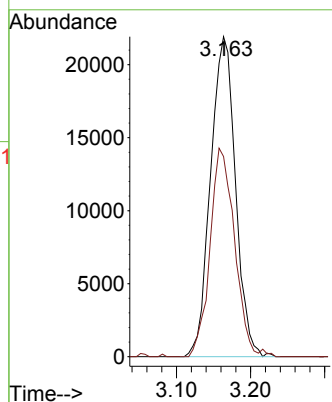
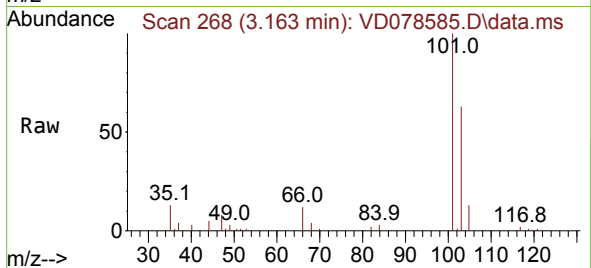




#7
Trichlorofluoromethane
Concen: 21.471 ug/l
RT: 3.163 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

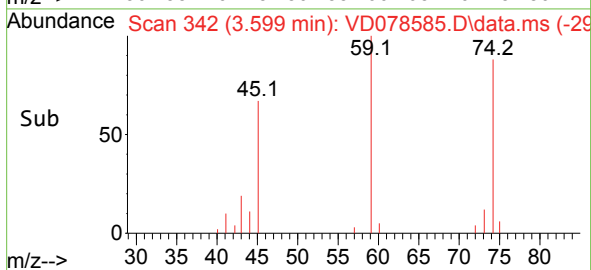
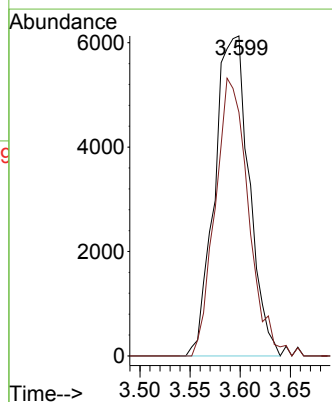
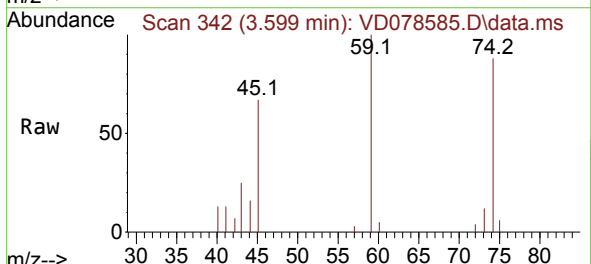
Instrument :
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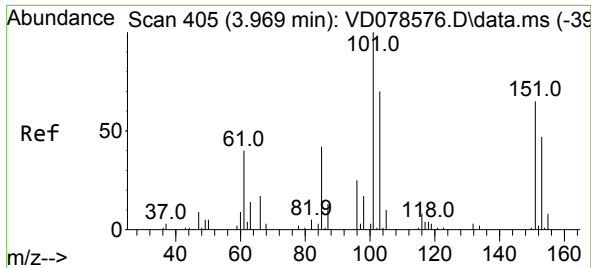
Tgt Ion:101 Resp: 51159
Ion Ratio Lower Upper
101 100
103 62.5 52.3 78.5



#8
Diethyl Ether
Concen: 21.930 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 74 Resp: 14673
Ion Ratio Lower Upper
74 100
45 83.7 37.5 112.7

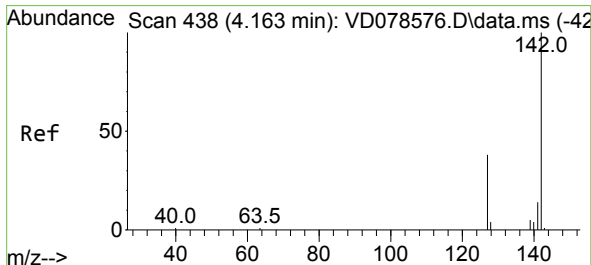
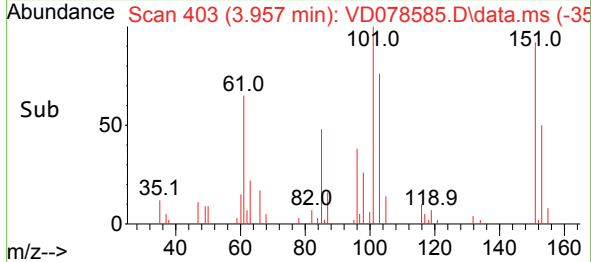
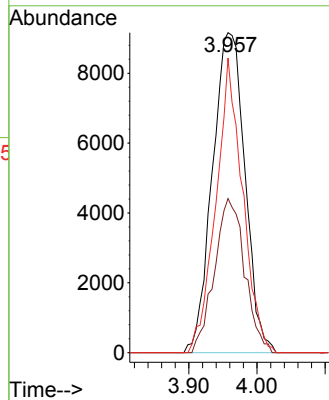
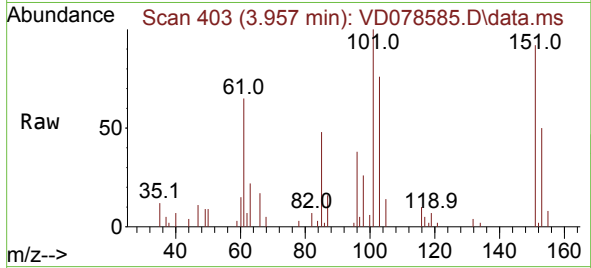




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.233 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

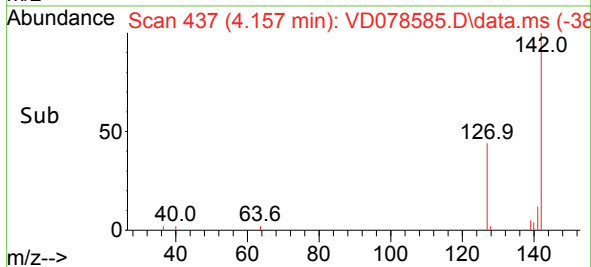
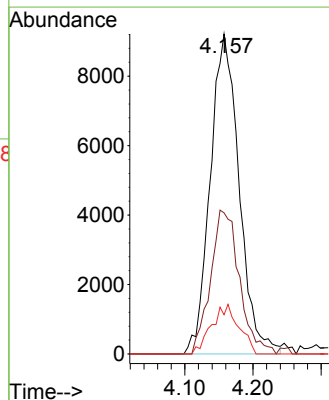
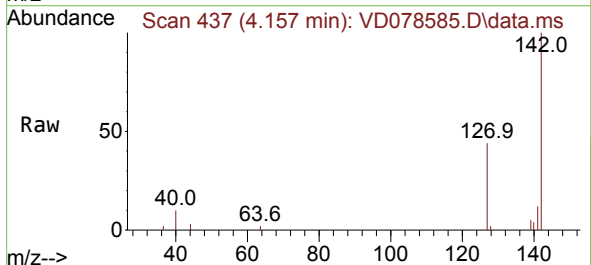
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

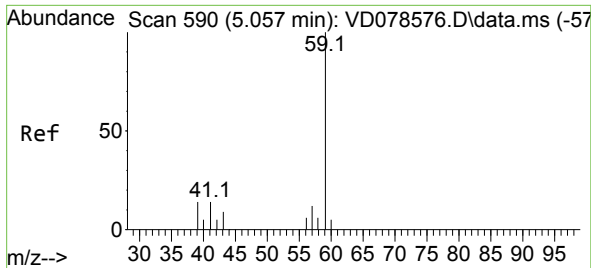
Tgt Ion:101 Resp: 30384
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 75.6 59.8 89.6



#10
Methyl Iodide
Concen: 17.305 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:142 Resp: 27194
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 14.6 11.1 16.7

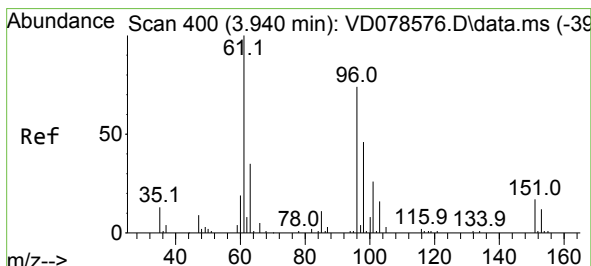
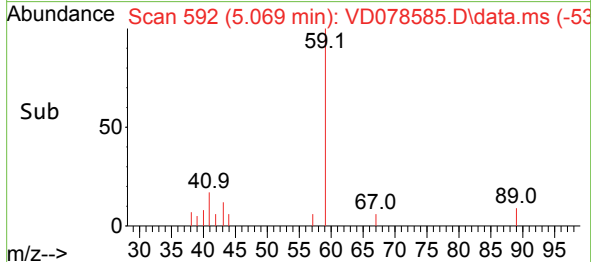
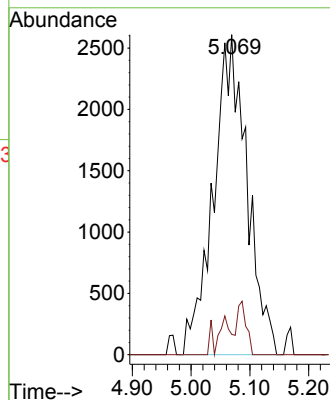
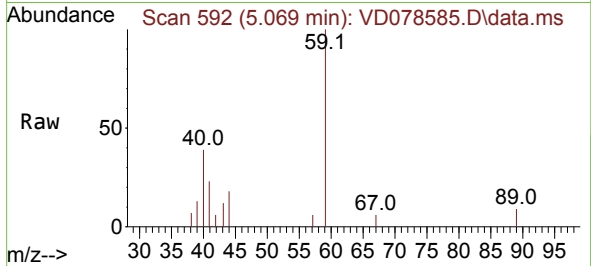




#11
Tert butyl alcohol
Concen: 152.856 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

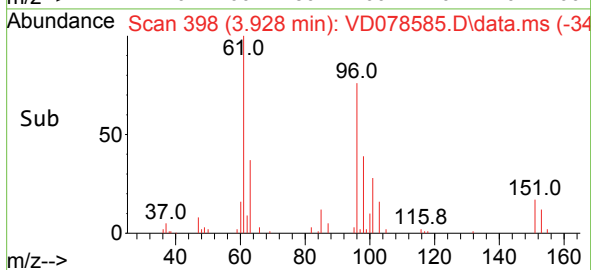
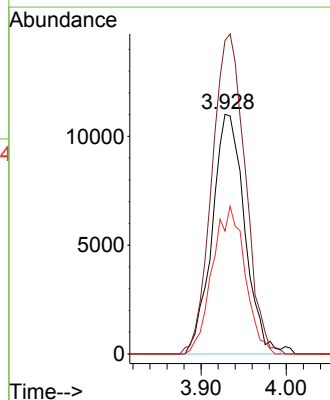
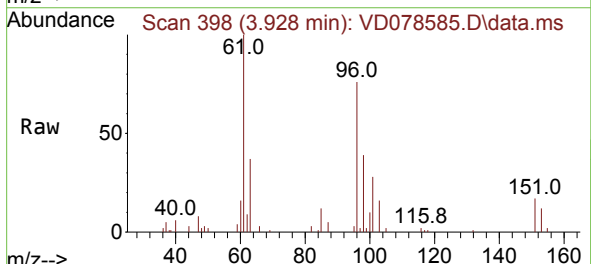
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

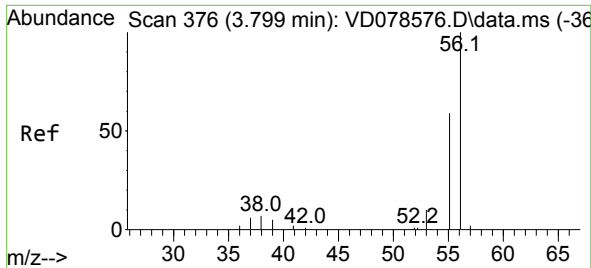
Tgt Ion: 59 Resp: 10325
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.729 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 96 Resp: 29061
Ion Ratio Lower Upper
96 100
61 130.7 100.6 150.8
98 51.3 50.2 75.2





#13

Acrolein

Concen: 121.084 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

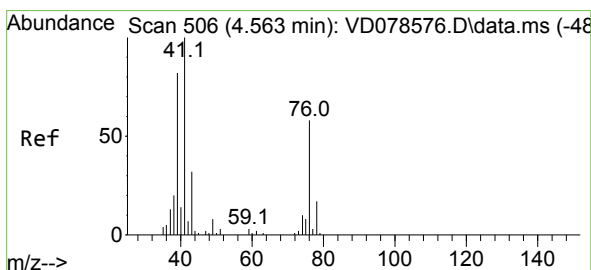
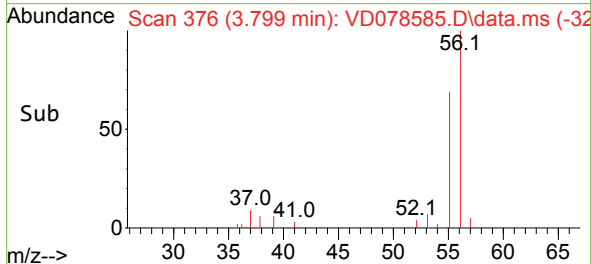
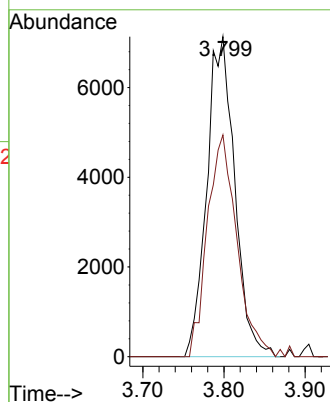
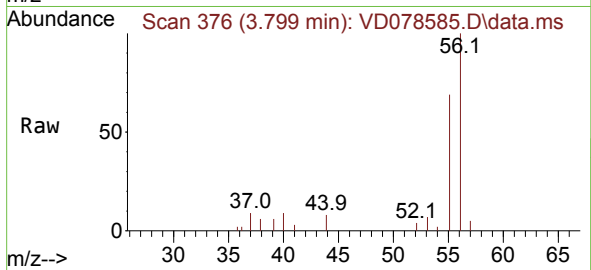
VD0304SBSD01

Tgt Ion: 56 Resp: 17065

Ion Ratio Lower Upper

56 100

55 73.1 55.1 82.7



#14

Allyl chloride

Concen: 19.621 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

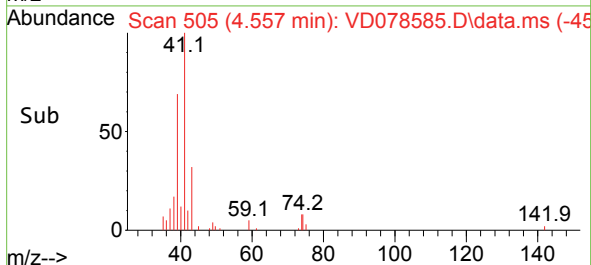
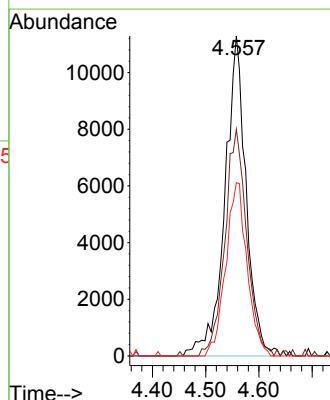
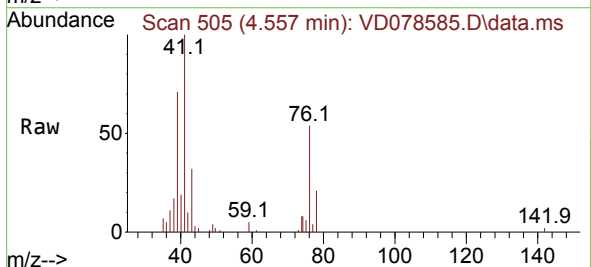
Tgt Ion: 41 Resp: 31330

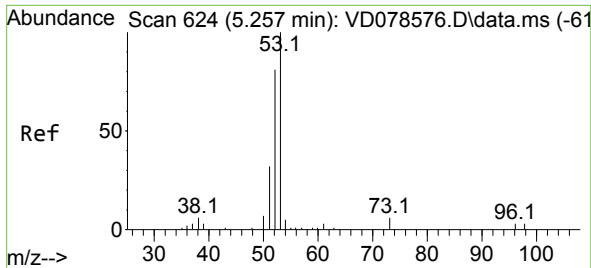
Ion Ratio Lower Upper

41 100

39 72.9 53.8 80.6

76 54.4 45.8 68.8

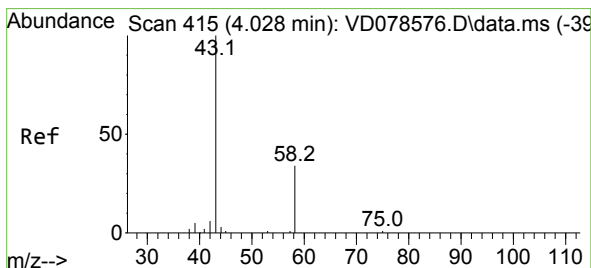
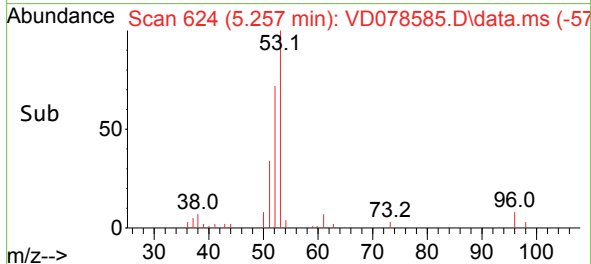
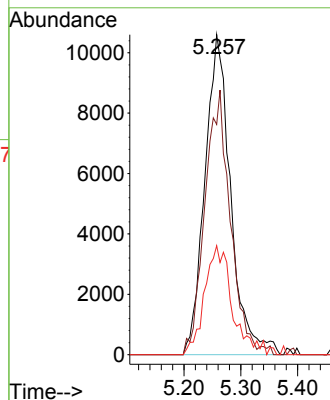
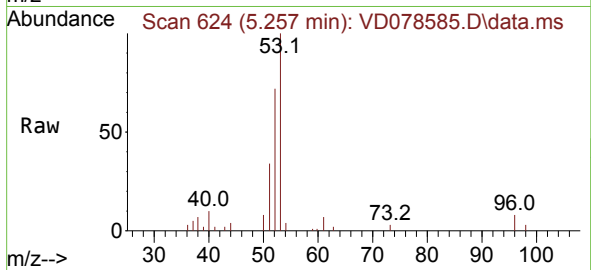




#15
Acrylonitrile
Concen: 121.295 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

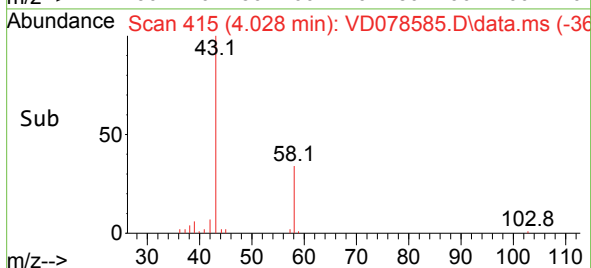
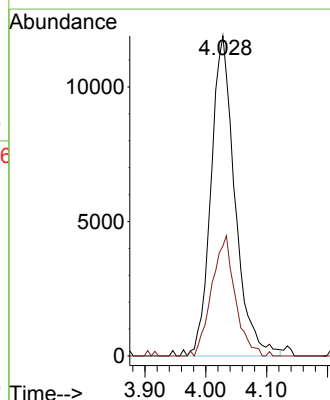
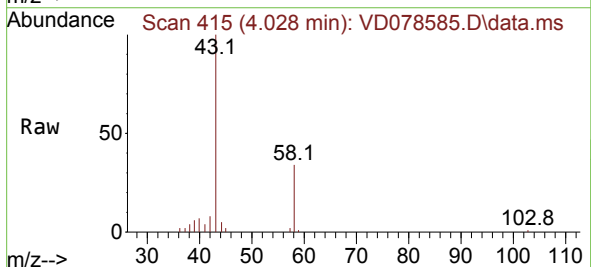
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

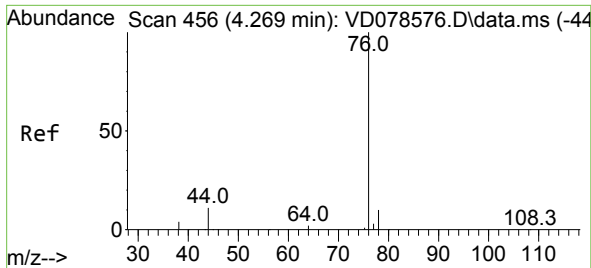
Tgt Ion:	53	Resp:	33458
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.4
51	36.7	28.3	42.5



#16
Acetone
Concen: 119.509 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:	43	Resp:	32537
Ion	Ratio	Lower	Upper
43	100		
58	34.4	34.7	52.1#

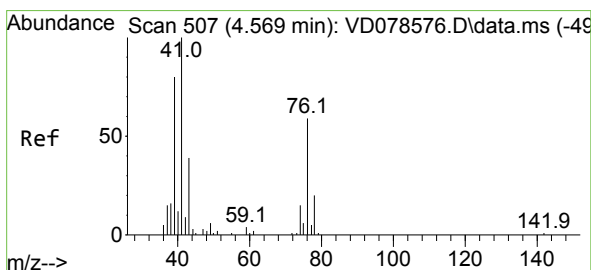
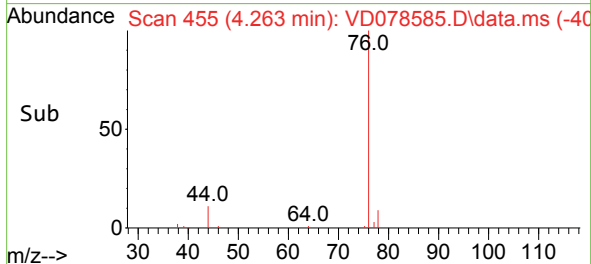
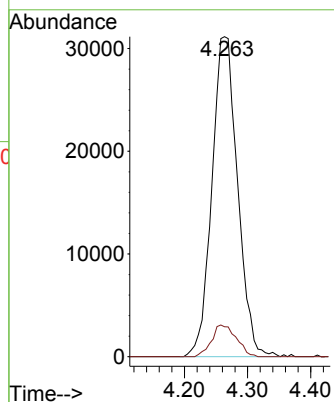
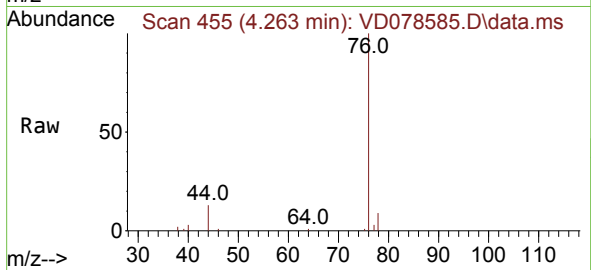




#17
Carbon Disulfide
Concen: 18.839 ug/l
RT: 4.263 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

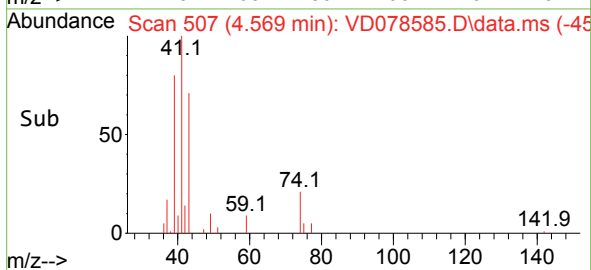
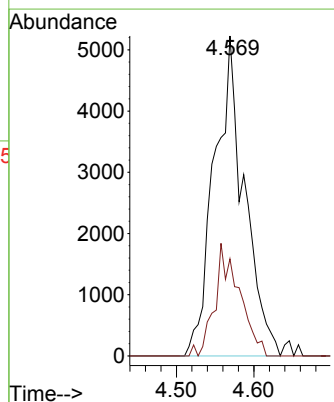
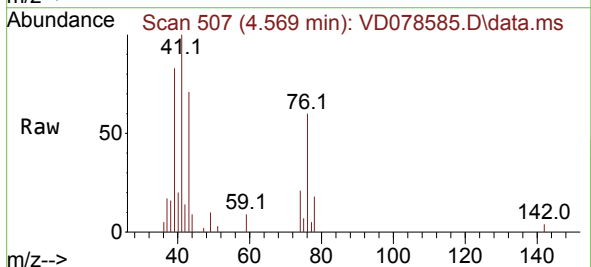
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

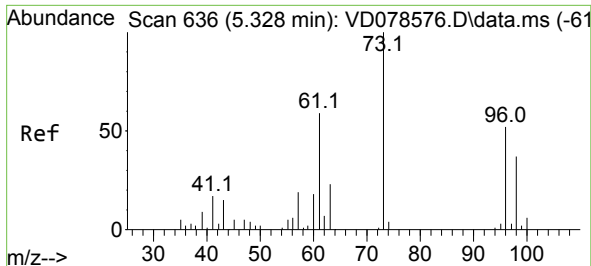
Tgt Ion: 76 Resp: 87991
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 27.338 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 43 Resp: 14088
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.225 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

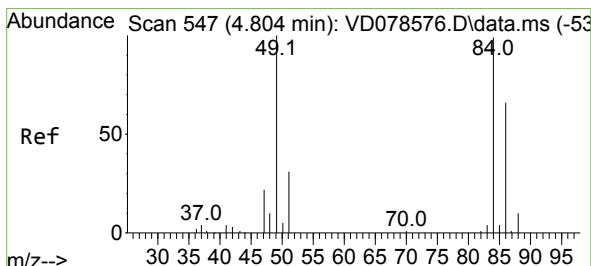
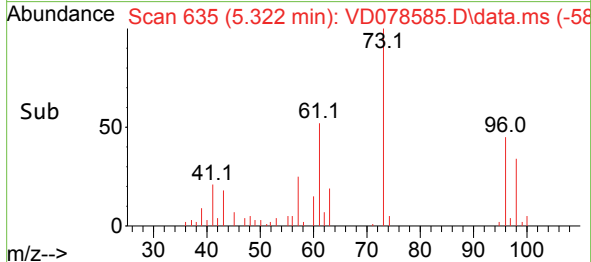
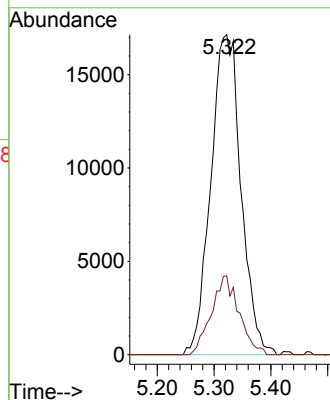
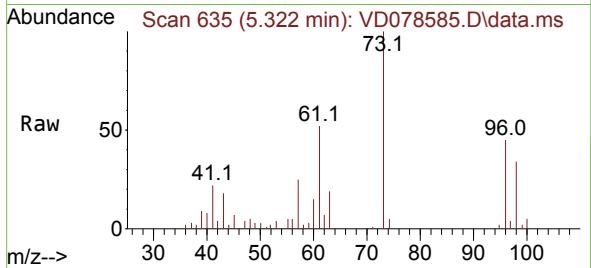
VD0304SBS01

Tgt Ion: 73 Resp: 63351

Ion Ratio Lower Upper

73 100

57 24.6 16.6 25.0



#20

Methylene Chloride

Concen: 26.898 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.011 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Tgt Ion: 84 Resp: 59324

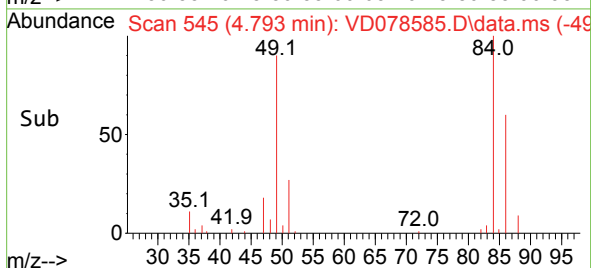
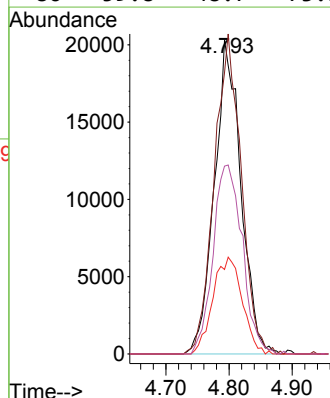
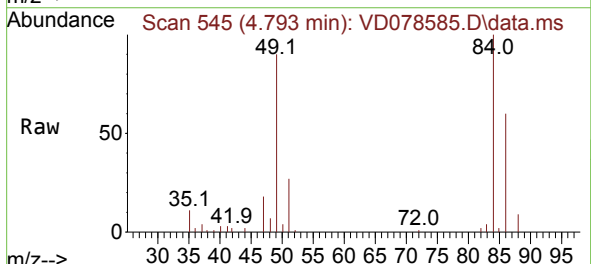
Ion Ratio Lower Upper

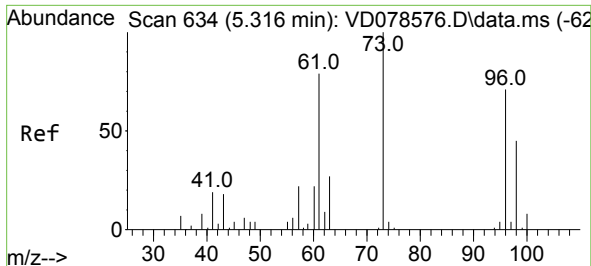
84 100

49 89.6 71.4 107.2

51 26.9 24.5 36.7

86 59.8 48.7 73.1

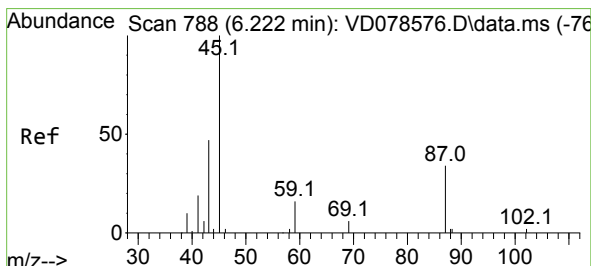
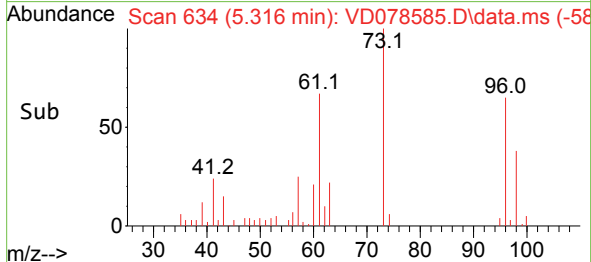
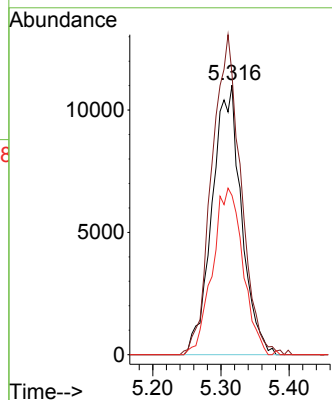
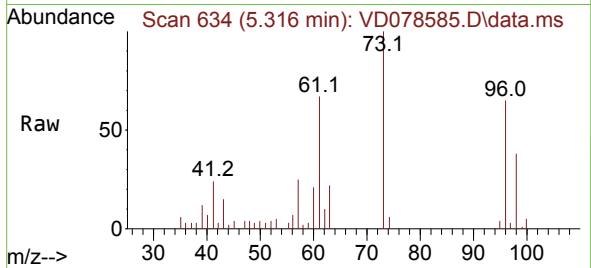




#21
trans-1,2-Dichloroethene
Concen: 19.477 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

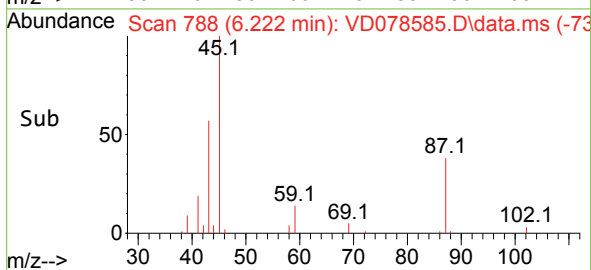
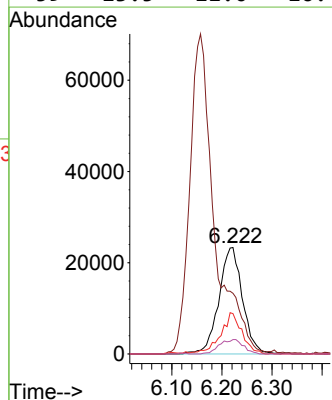
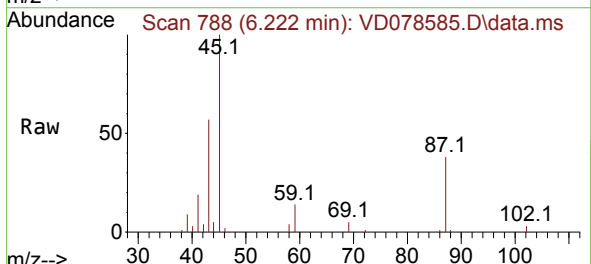
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

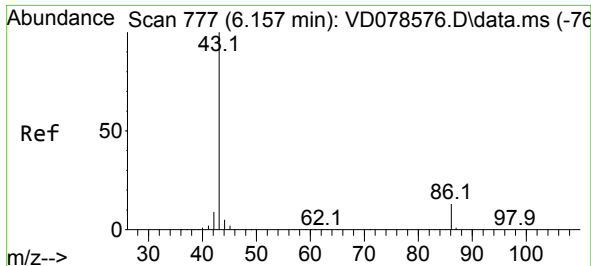
Tgt Ion: 96 Resp: 32808
Ion Ratio Lower Upper
96 100
61 103.9 89.3 133.9
98 59.0 48.6 73.0



#22
Diisopropyl ether
Concen: 21.317 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 45 Resp: 76315
Ion Ratio Lower Upper
45 100
43 55.6 40.0 60.0
87 37.9 28.2 42.4
59 13.5 11.0 16.4

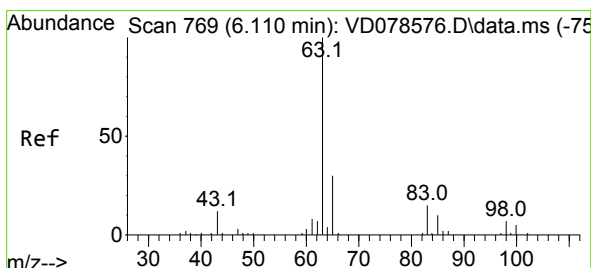
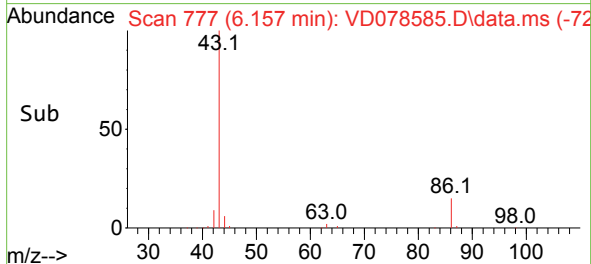
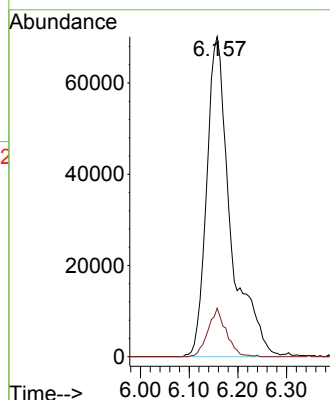
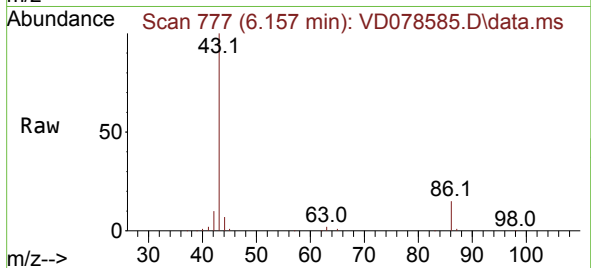




#23
 Vinyl Acetate
 Concen: 112.533 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

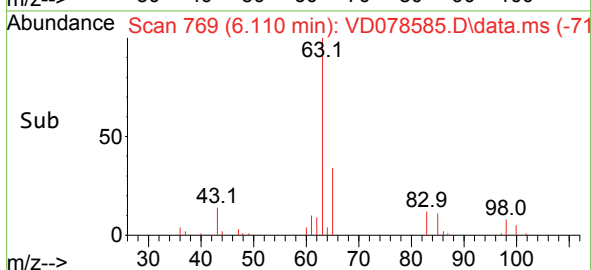
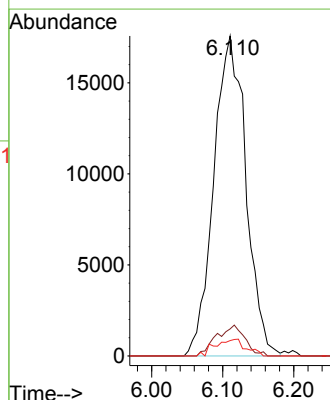
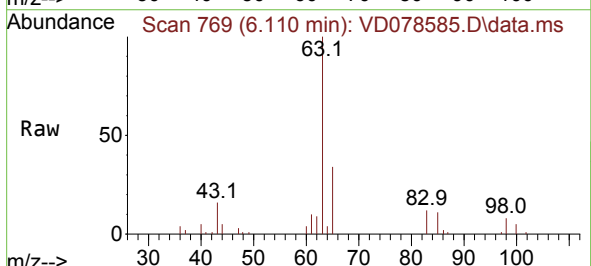
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBSD01

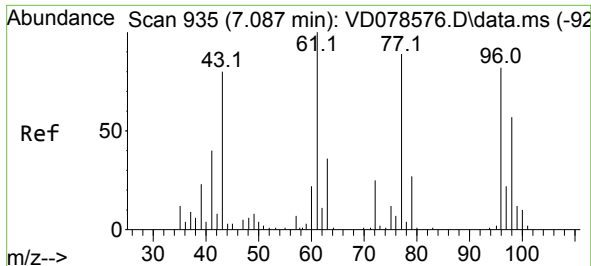
Tgt Ion: 43 Resp: 239274
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.438 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

Tgt Ion: 63 Resp: 55278
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 4.8 2.5 7.5

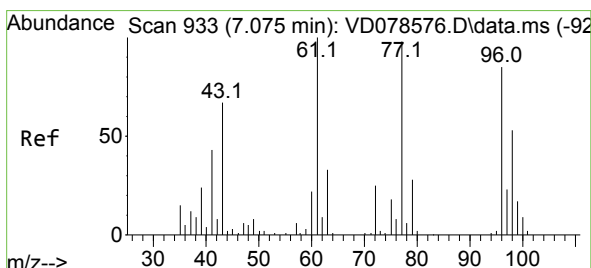
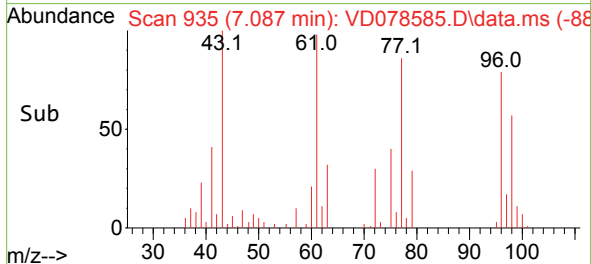
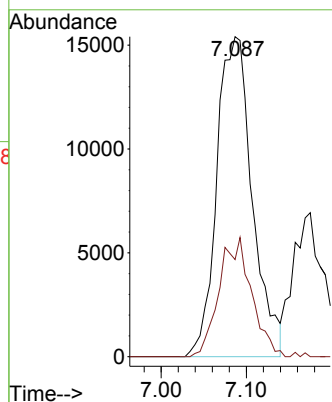
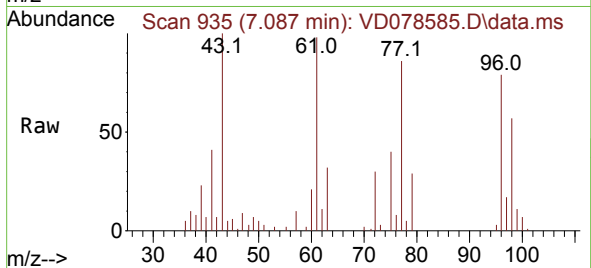




#25
2-Butanone
Concen: 129.698 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

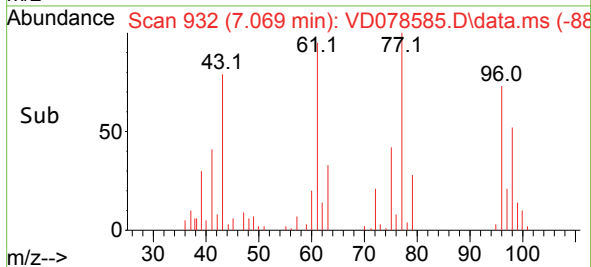
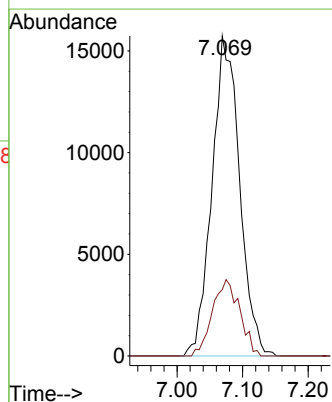
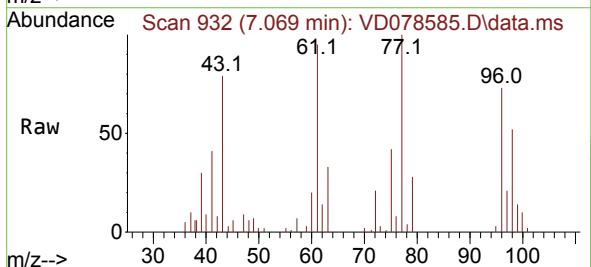
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

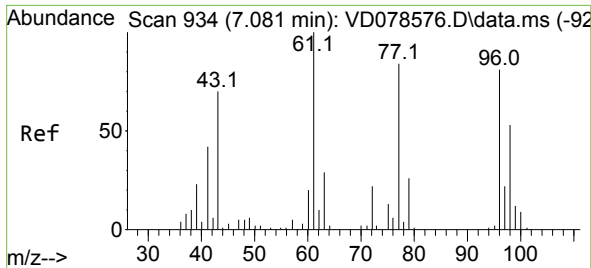
Tgt Ion: 43 Resp: 44542
Ion Ratio Lower Upper
43 100
72 30.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.116 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 77 Resp: 45963
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6

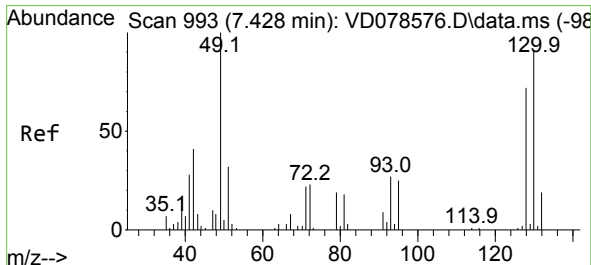
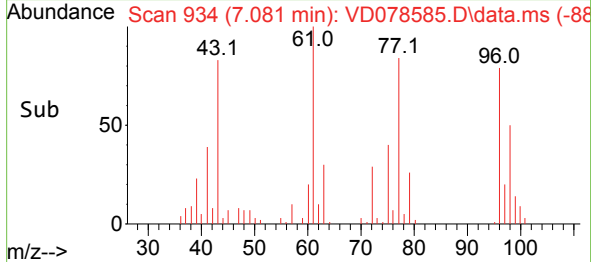
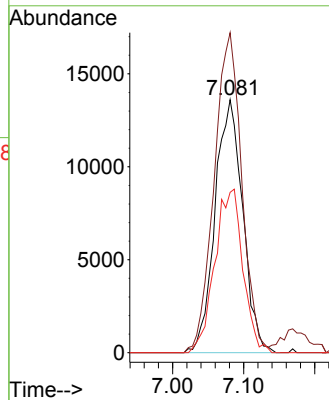
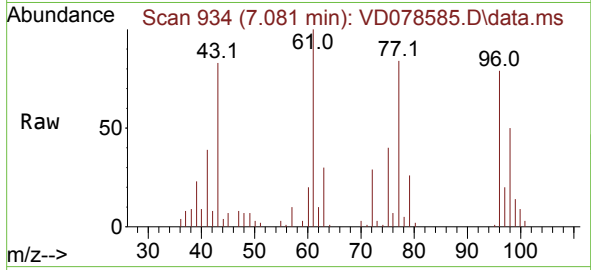




#27
 cis-1,2-Dichloroethene
 Concen: 19.936 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

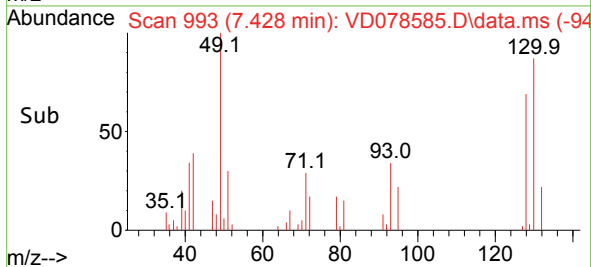
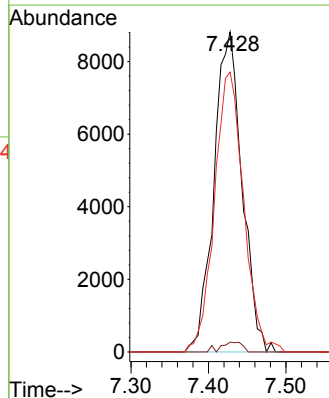
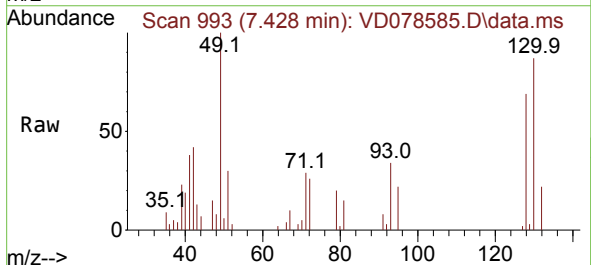
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBSD01

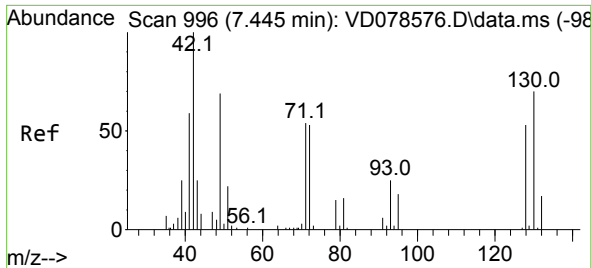
Tgt Ion: 96	Resp: 36772
Ion Ratio	Lower Upper
96 100	
61 126.0	0.0 239.2
98 65.7	0.0 128.6



#28
 Bromochloromethane
 Concen: 22.003 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

Tgt Ion: 49	Resp: 22232
Ion Ratio	Lower Upper
49 100	
129 2.4	0.0 6.0
130 90.7	83.2 124.8





#29

Tetrahydrofuran

Concen: 125.667 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

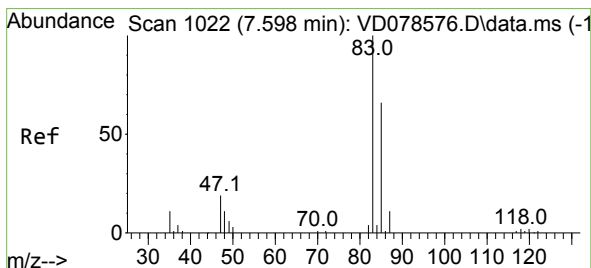
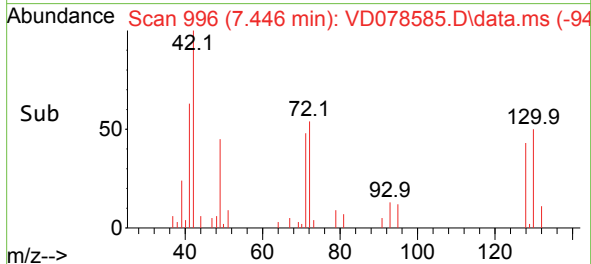
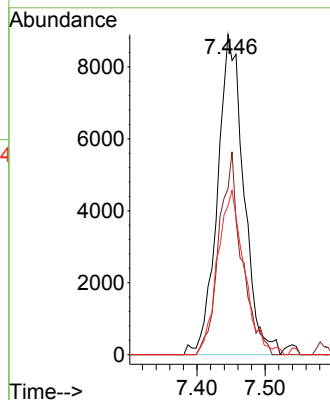
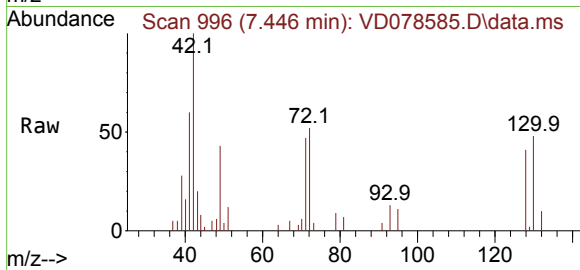
Tgt Ion: 42 Resp: 23977

Ion Ratio Lower Upper

42 100

72 54.6 46.5 69.7

71 52.2 44.5 66.7



#30

Chloroform

Concen: 20.567 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078585.D

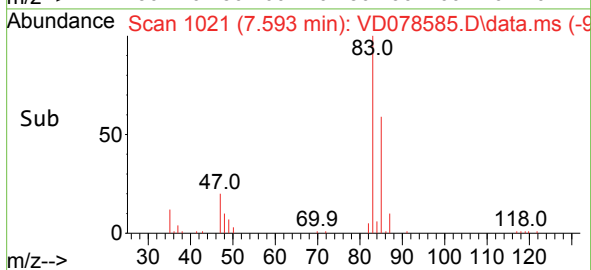
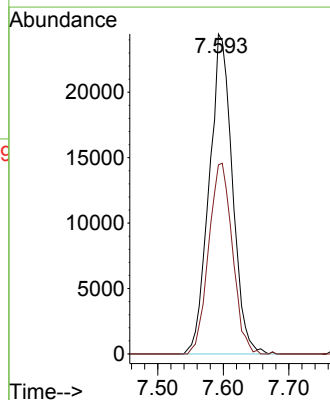
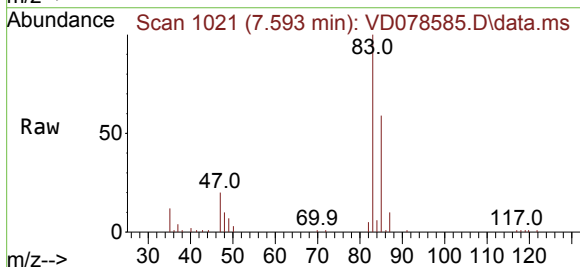
Acq: 04 Mar 2024 12:51

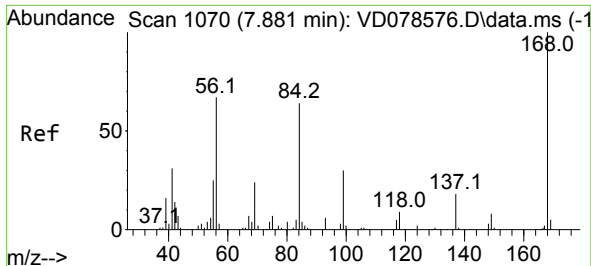
Tgt Ion: 83 Resp: 60061

Ion Ratio Lower Upper

83 100

85 59.1 53.4 80.2





#31

Cyclohexane

Concen: 19.676 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

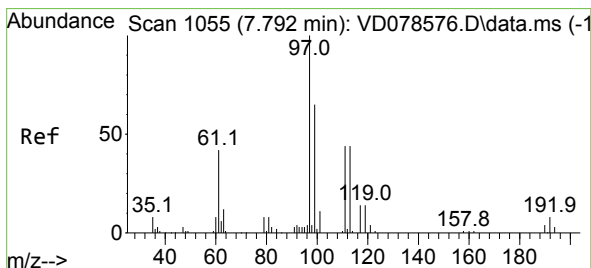
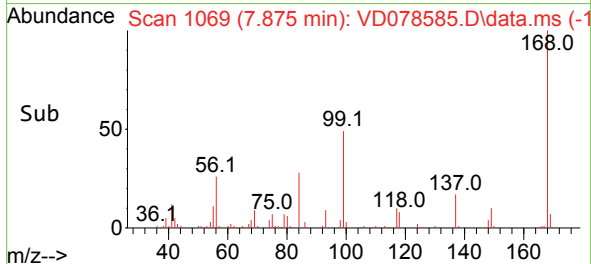
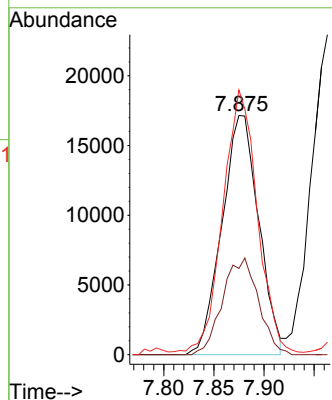
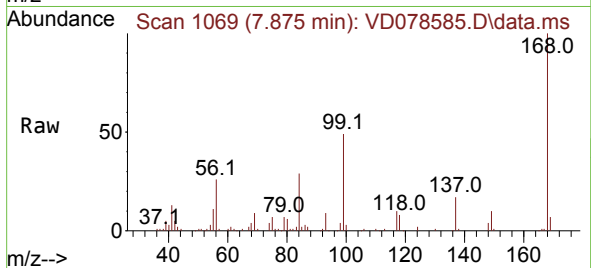
Tgt Ion: 56 Resp: 43765

Ion Ratio Lower Upper

56 100

69 36.1 28.6 43.0

84 108.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.648 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

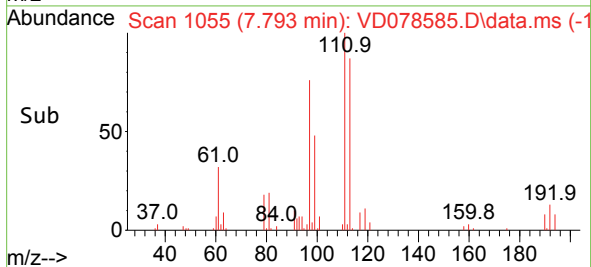
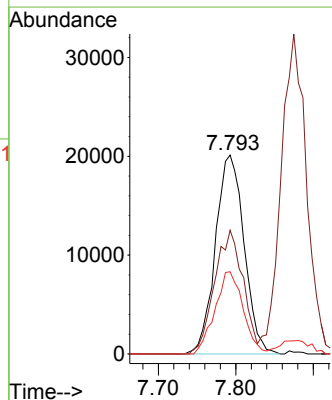
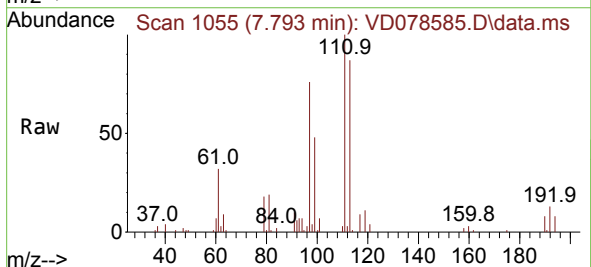
Tgt Ion: 97 Resp: 51727

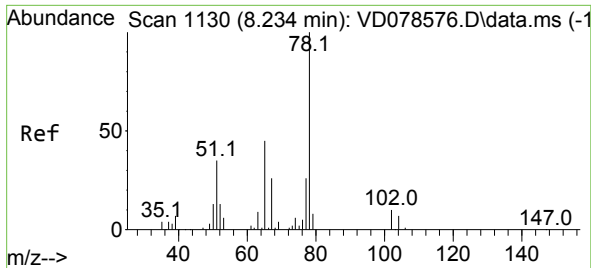
Ion Ratio Lower Upper

97 100

99 61.9 52.0 78.0

61 40.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.705 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

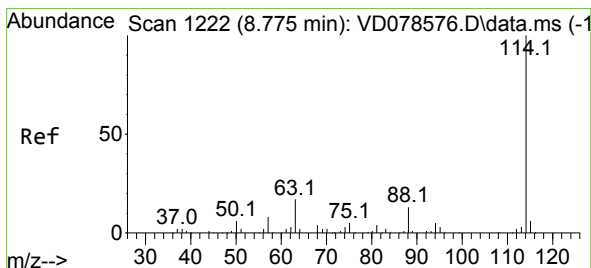
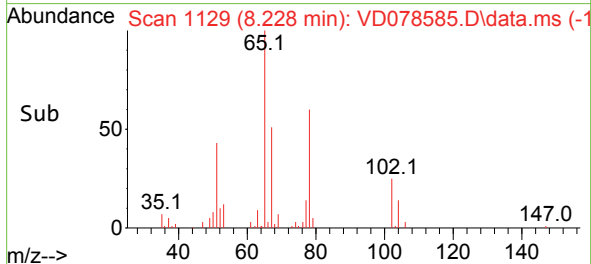
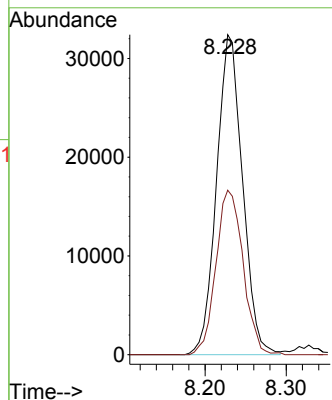
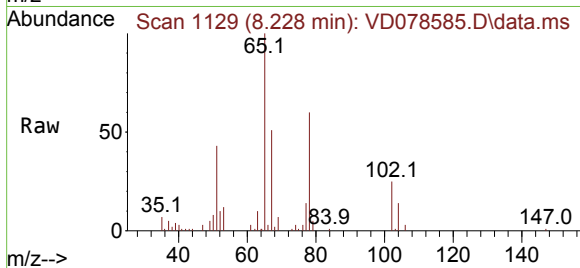
VD0304SBS01

Tgt Ion: 65 Resp: 72056

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

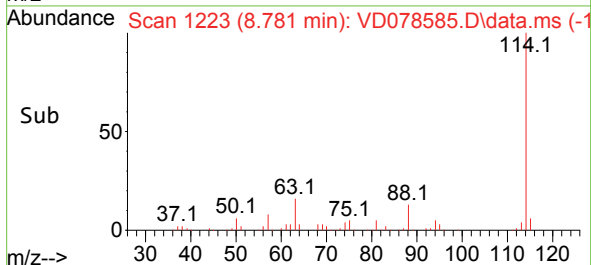
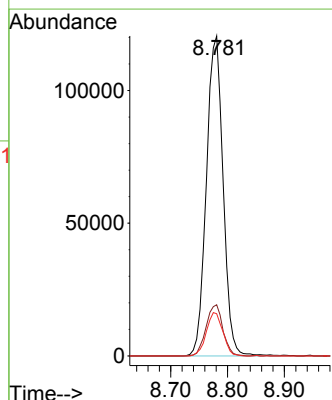
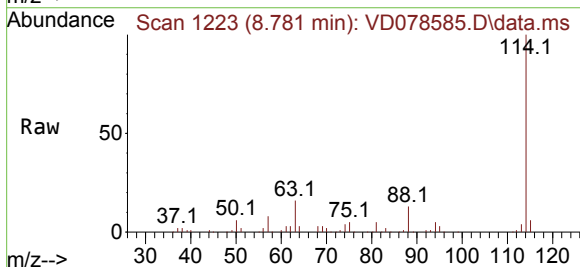
Tgt Ion: 114 Resp: 245520

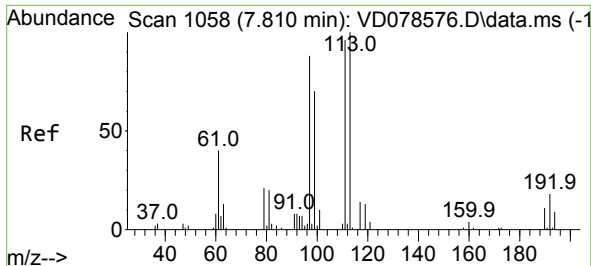
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.211 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

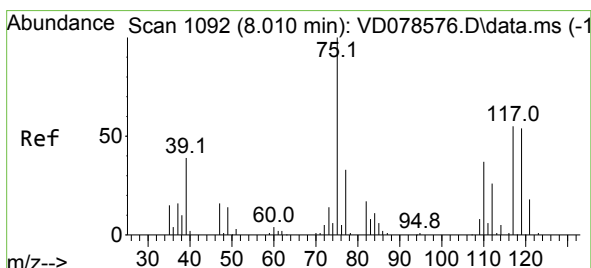
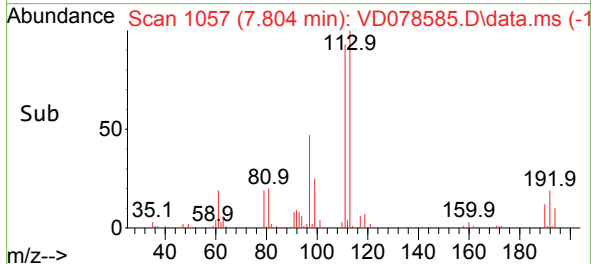
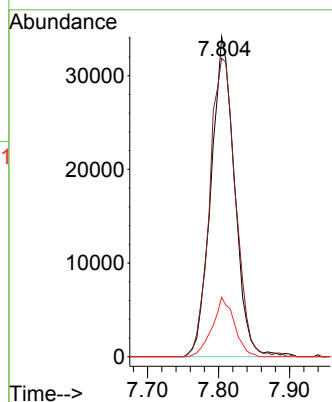
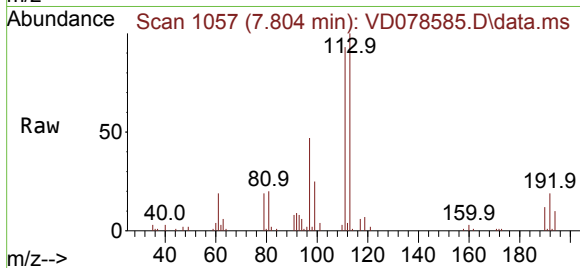
Tgt Ion:113 Resp: 78595

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 17.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.791 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

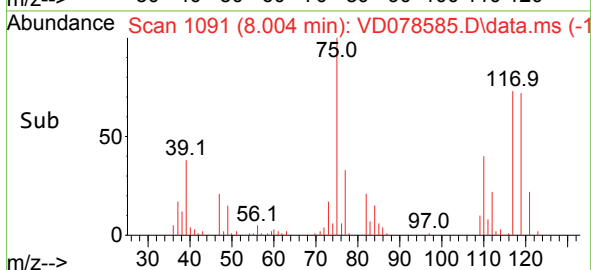
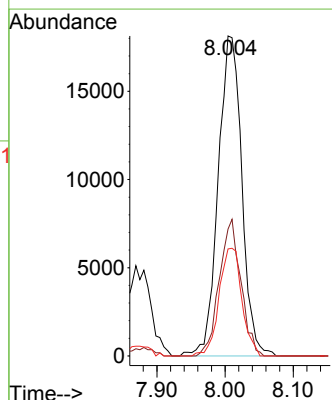
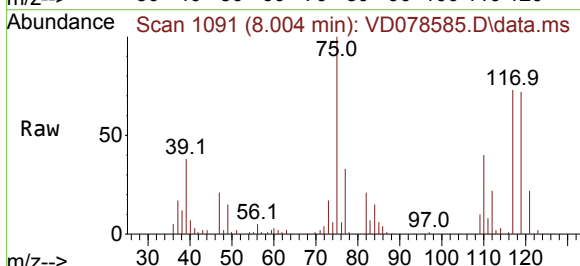
Tgt Ion: 75 Resp: 43738

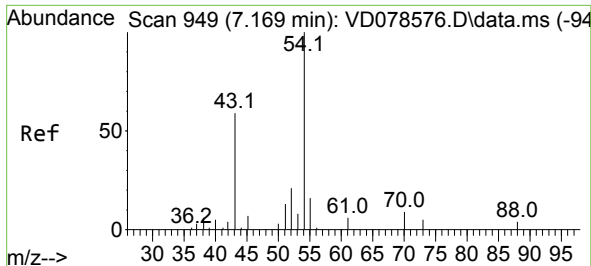
Ion Ratio Lower Upper

75 100

110 39.0 19.9 59.6

77 32.4 24.7 37.1





#37

Ethyl Acetate

Concen: 21.074 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

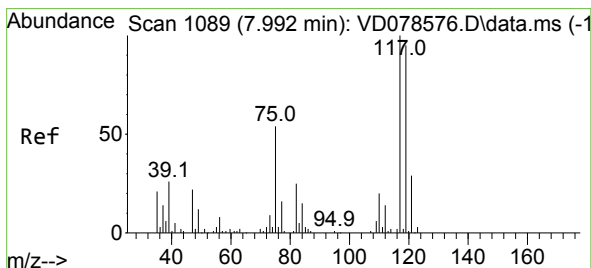
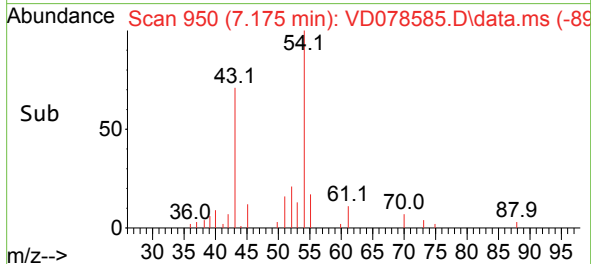
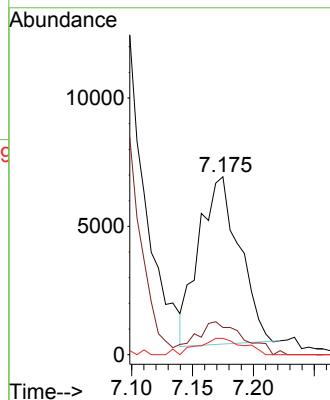
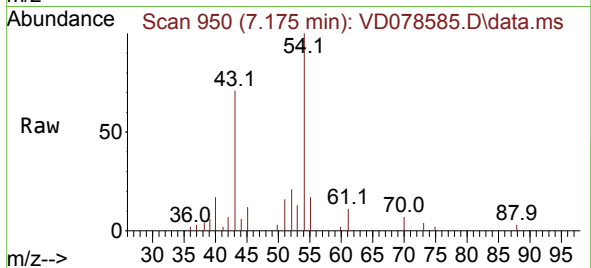
Tgt Ion: 43 Resp: 15091

Ion Ratio Lower Upper

43 100

61 23.3 14.9 22.3#

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.129 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

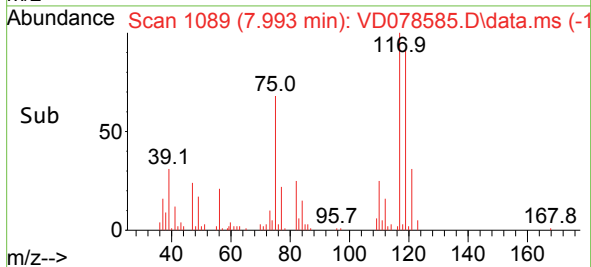
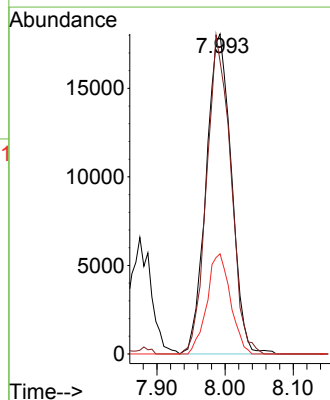
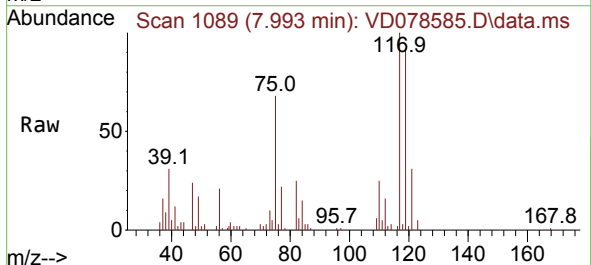
Tgt Ion: 117 Resp: 46529

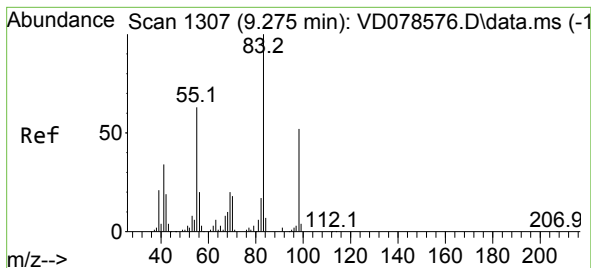
Ion Ratio Lower Upper

117 100

119 91.5 78.0 117.0

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.272 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

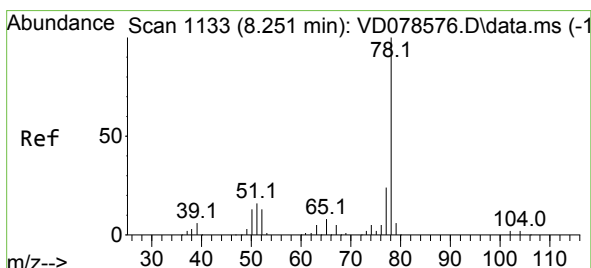
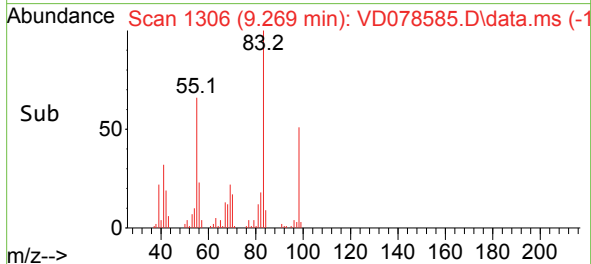
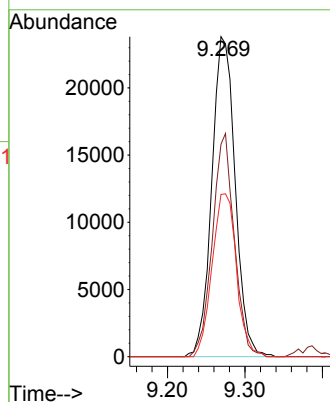
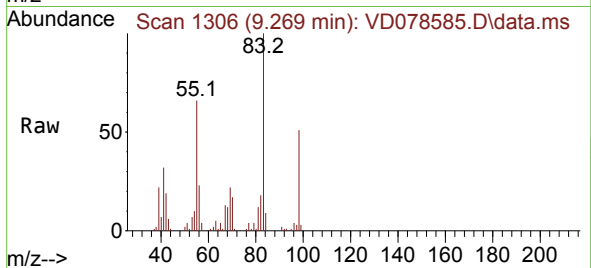
Tgt Ion: 83 Resp: 49990

Ion Ratio Lower Upper

83 100

55 66.4 49.4 74.0

98 50.7 38.4 57.6



#40

Benzene

Concen: 20.087 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078585.D

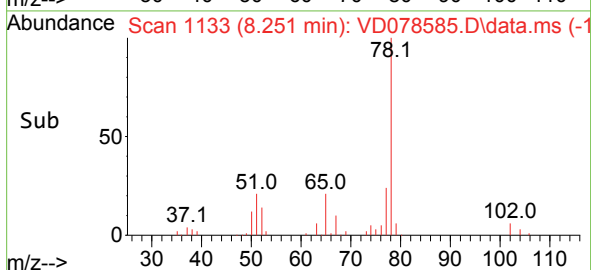
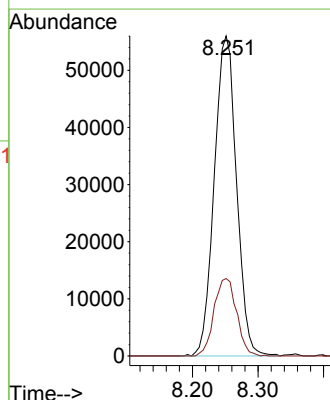
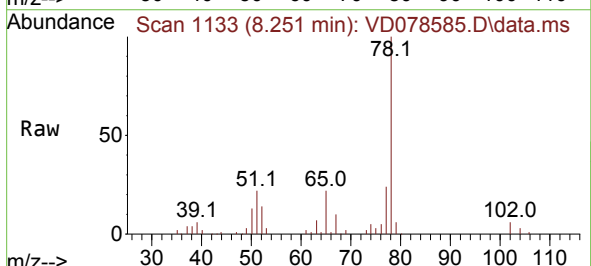
Acq: 04 Mar 2024 12:51

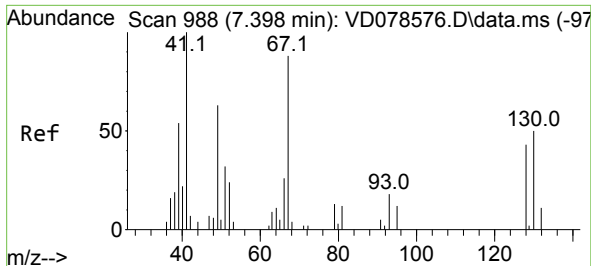
Tgt Ion: 78 Resp: 131586

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

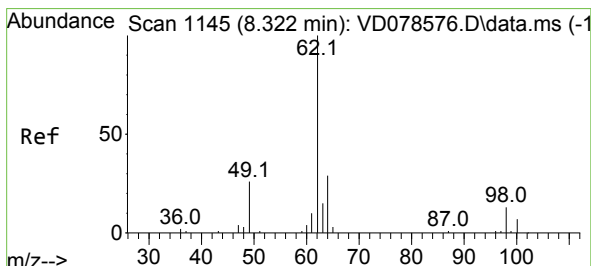
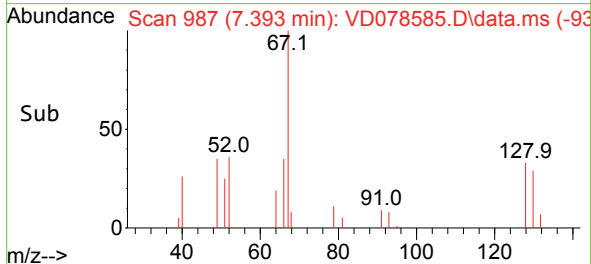
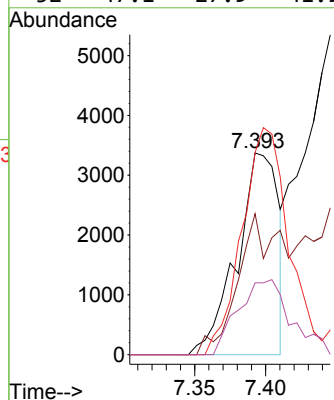
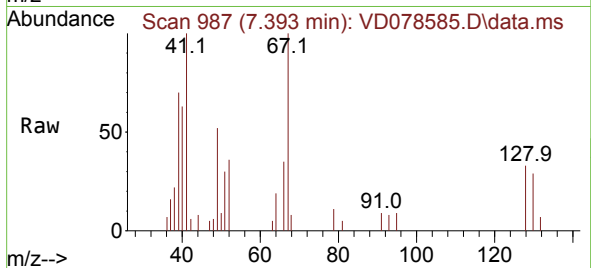




#41
Methacrylonitrile
Concen: 17.837 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

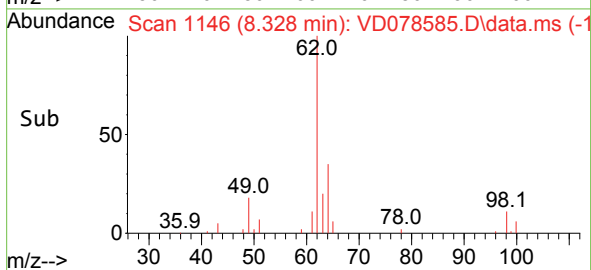
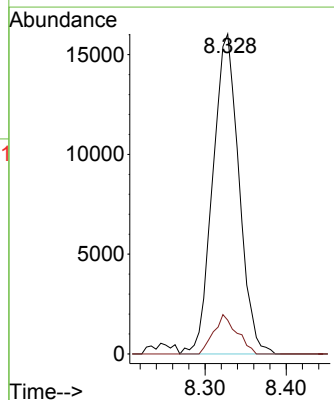
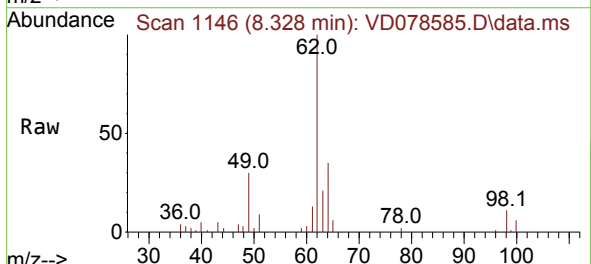
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

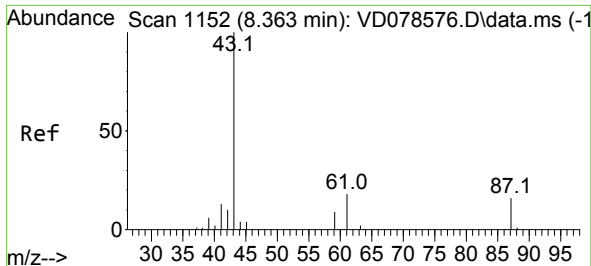
Tgt Ion:	41	Resp:	6846
Ion	Ratio	Lower	Upper
41	100		
39	55.0	34.0	51.0#
67	128.7	77.0	115.4#
52	47.1	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 21.623 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:	62	Resp:	35935
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	25.4

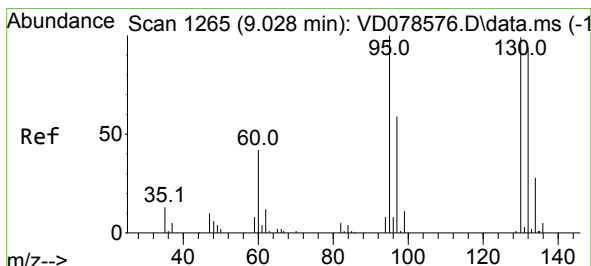
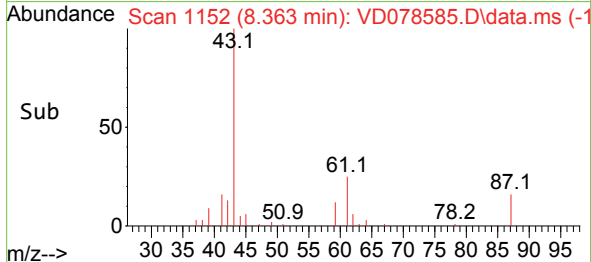
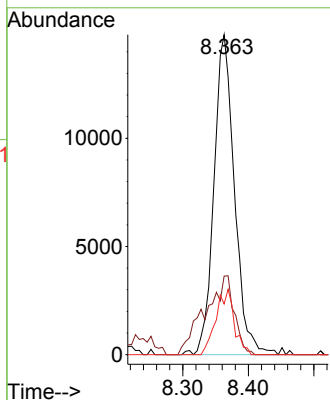
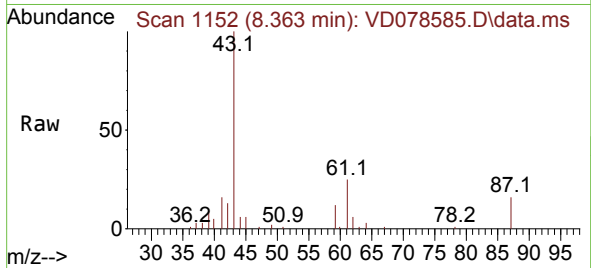




#43
Isopropyl Acetate
Concen: 23.377 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

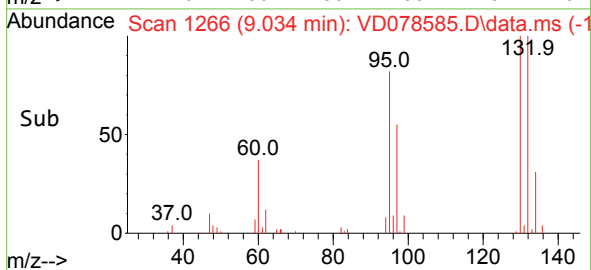
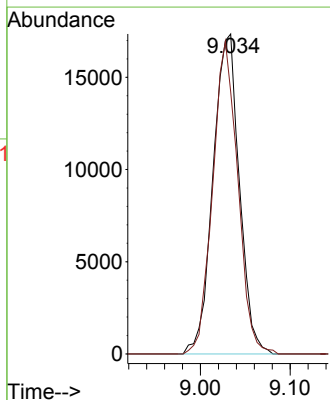
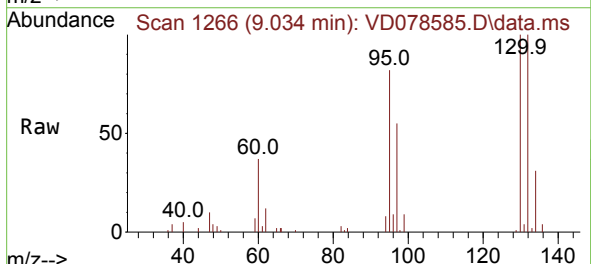
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

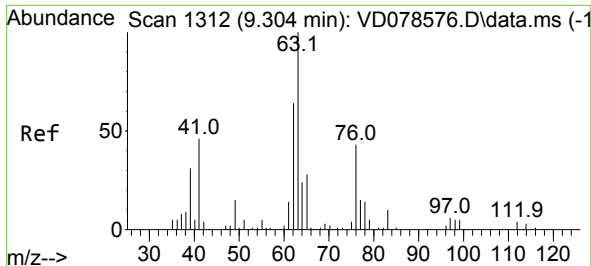
Tgt Ion: 43 Resp: 32094
Ion Ratio Lower Upper
43 100
61 34.9 31.4 47.0
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 19.659 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:130 Resp: 35340
Ion Ratio Lower Upper
130 100
95 82.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.862 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

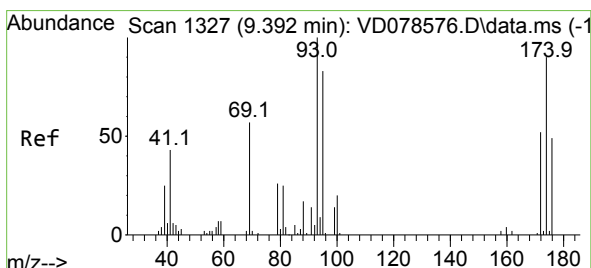
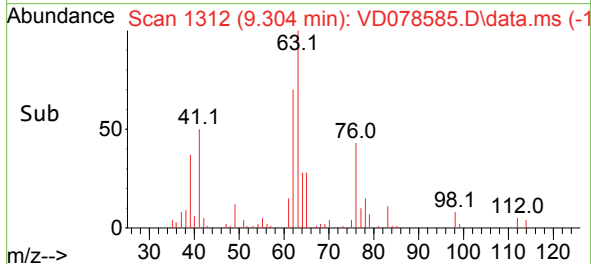
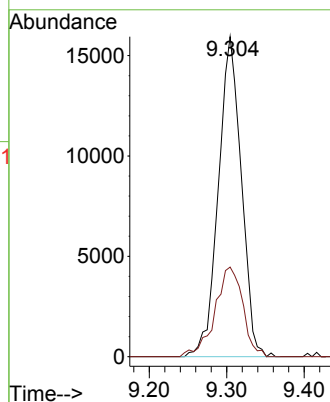
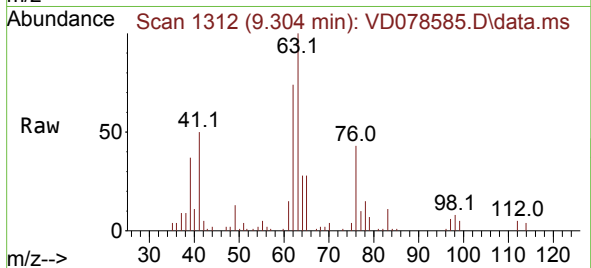
VD0304SBSD01

Tgt Ion: 63 Resp: 32828

Ion Ratio Lower Upper

63 100

65 28.0 24.5 36.7



#46

Dibromomethane

Concen: 21.550 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

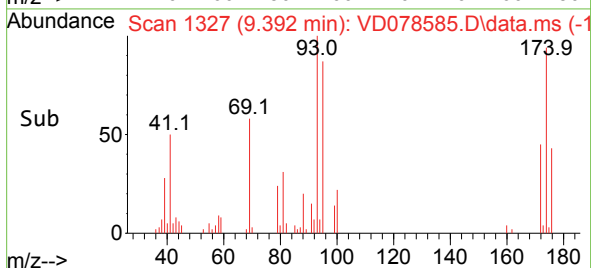
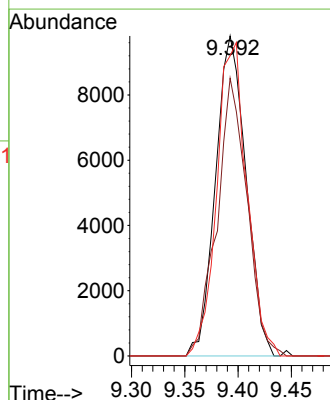
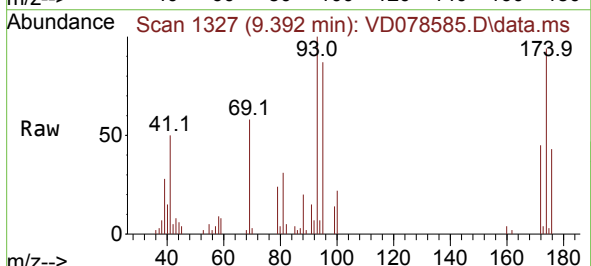
Tgt Ion: 93 Resp: 19549

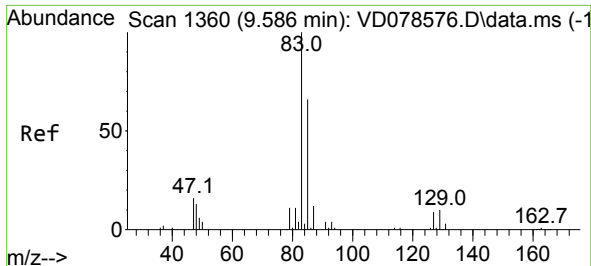
Ion Ratio Lower Upper

93 100

95 85.5 67.7 101.5

174 97.0 85.4 128.2

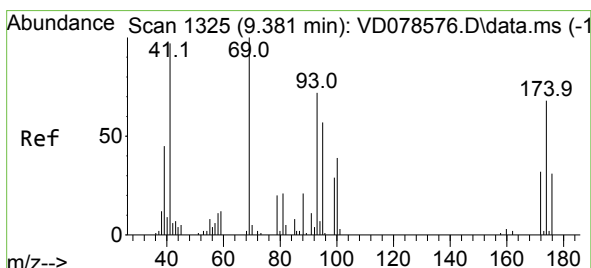
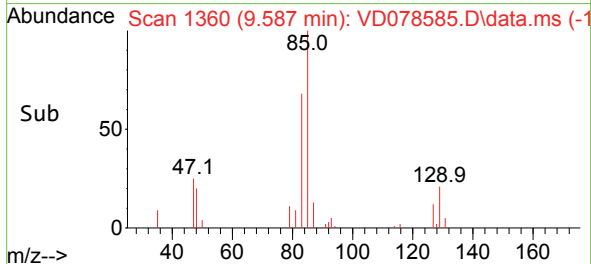
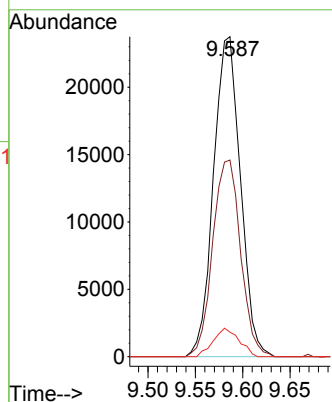
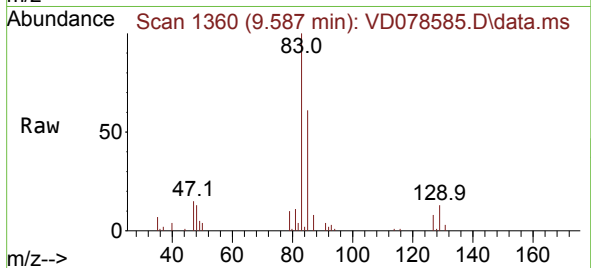




#47
Bromodichloromethane
Concen: 20.984 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

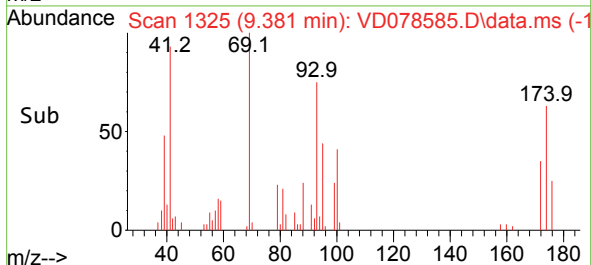
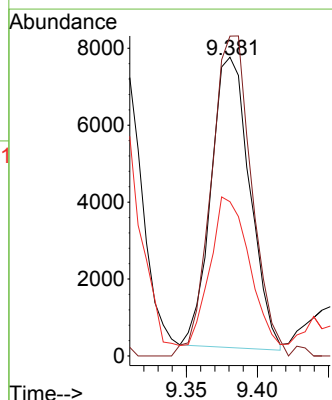
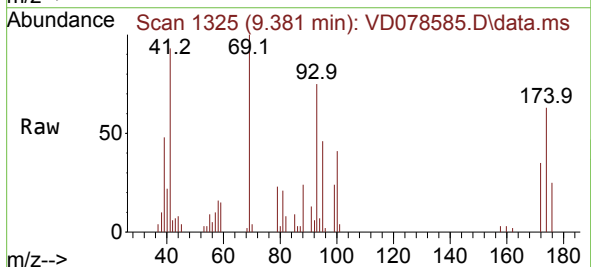
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

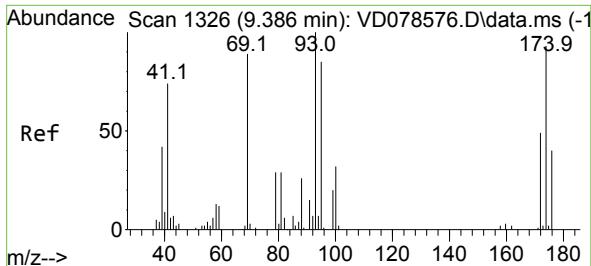
Tgt Ion: 83 Resp: 46938
Ion Ratio Lower Upper
83 100
85 61.4 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 23.088 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 41 Resp: 14358
Ion Ratio Lower Upper
41 100
69 116.0 102.2 153.2
39 52.5 41.4 62.2





#49

1,4-Dioxane

Concen: 567.574 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

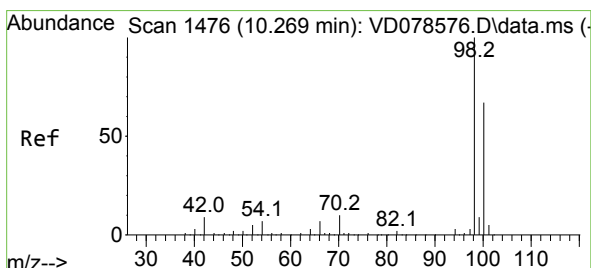
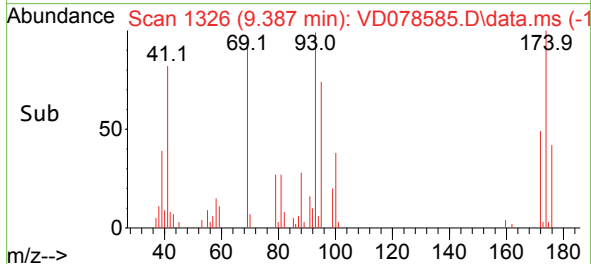
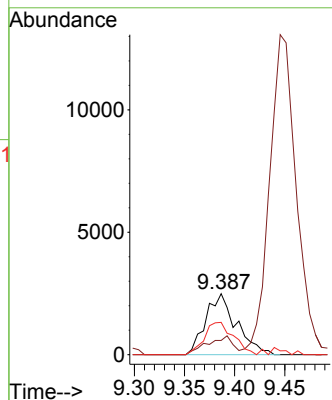
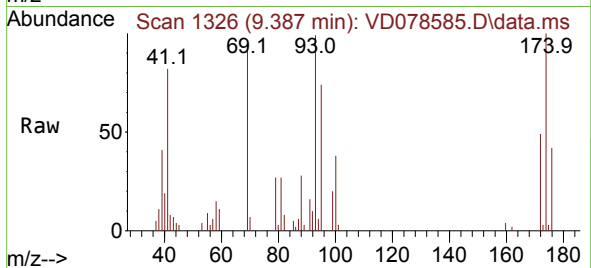
Tgt Ion: 88 Resp: 5304

Ion Ratio Lower Upper

88 100

43 25.4 19.0 28.6

58 50.2 43.5 65.3



#50

Toluene-d8

Concen: 48.300 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078585.D

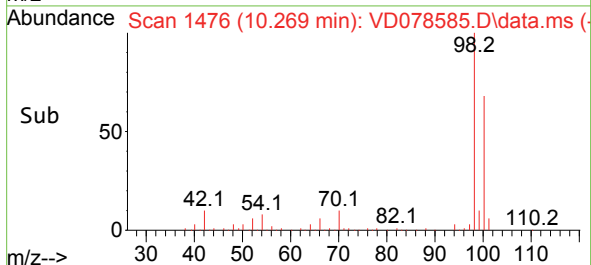
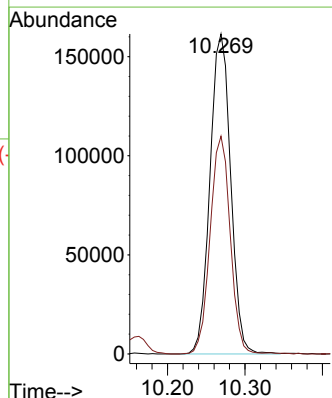
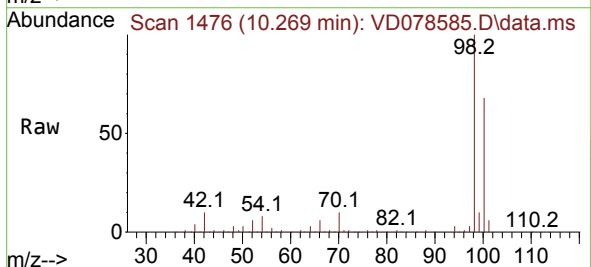
Acq: 04 Mar 2024 12:51

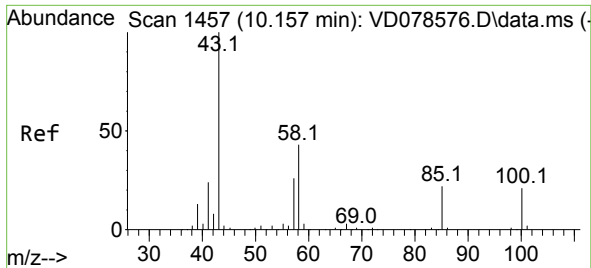
Tgt Ion: 98 Resp: 299749

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

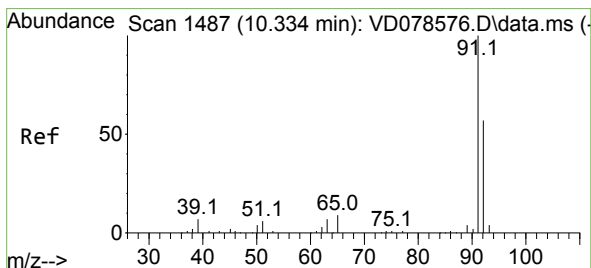
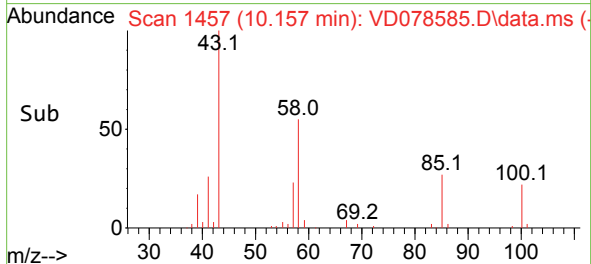
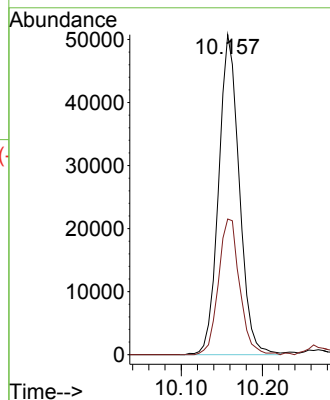
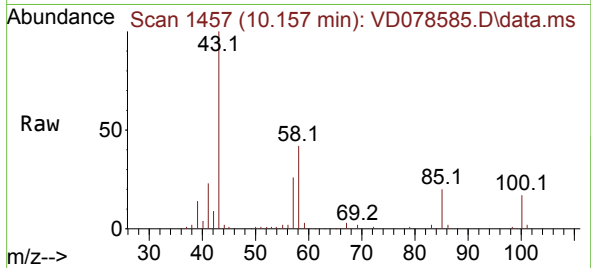




#51
4-Methyl-2-Pentanone
Concen: 126.659 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

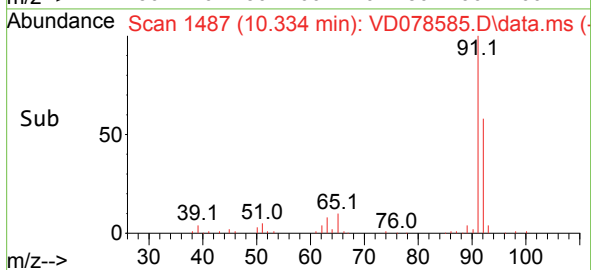
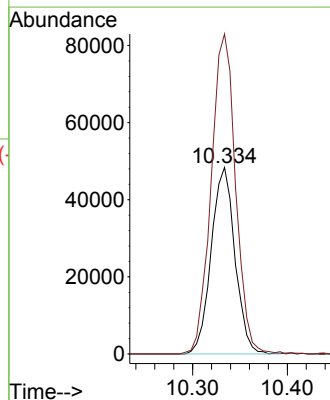
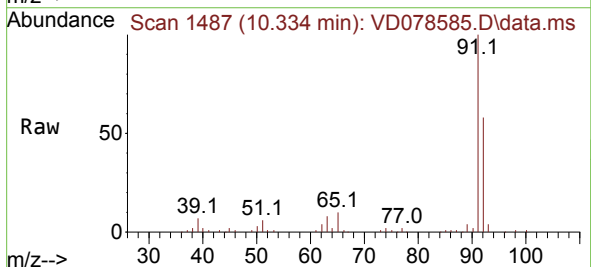
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

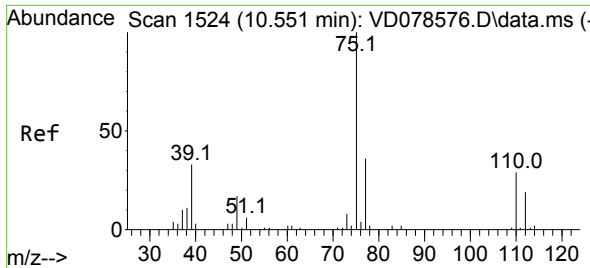
Tgt Ion: 43 Resp: 89751
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 20.067 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 92 Resp: 84348
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

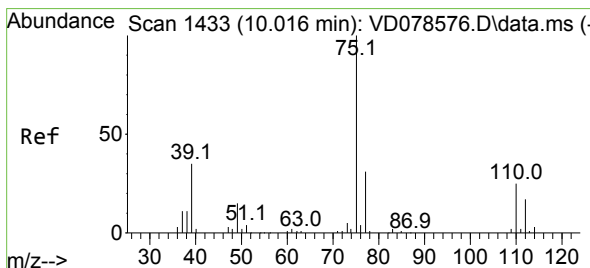
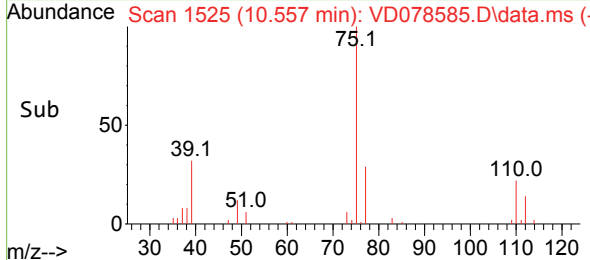
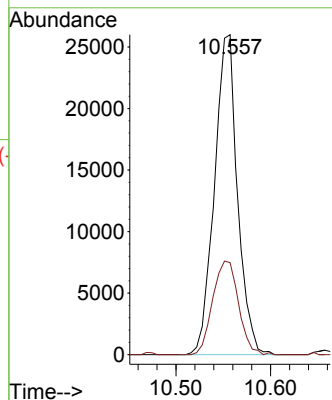
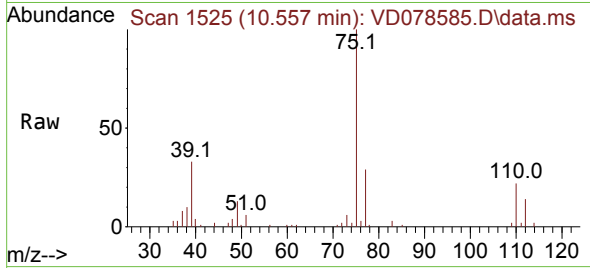




#53
t-1,3-Dichloropropene
Concen: 21.290 ug/l
RT: 10.557 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

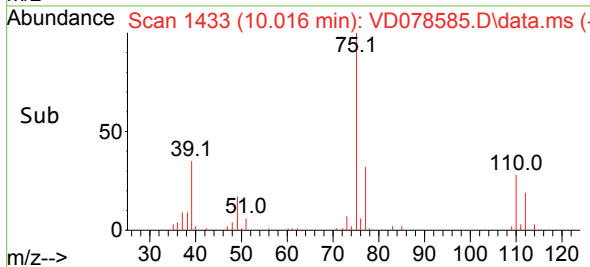
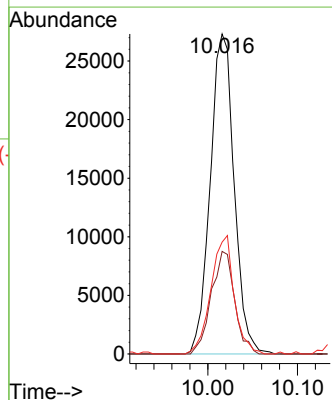
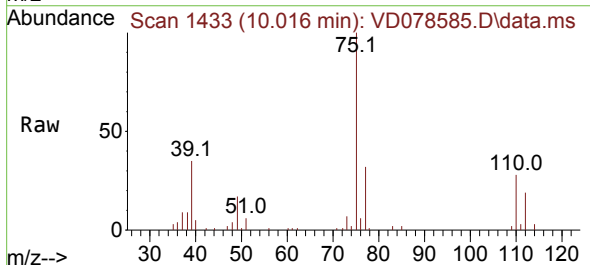
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

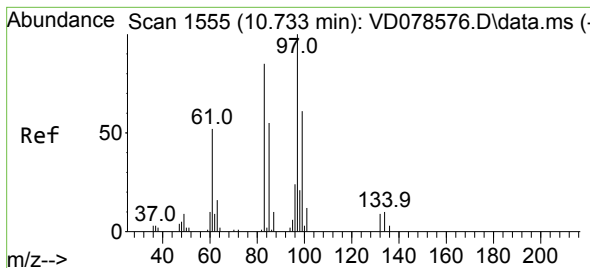
Tgt Ion: 75 Resp: 44055
Ion Ratio Lower Upper
75 100
77 28.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.420 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

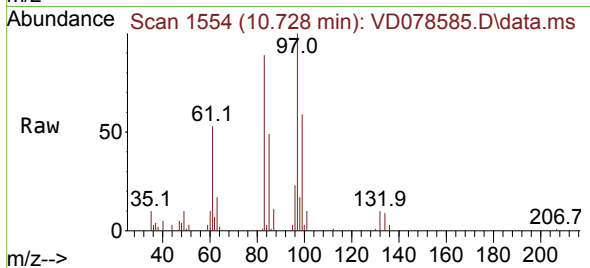
Tgt Ion: 75 Resp: 50593
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 34.9 22.1 33.1#



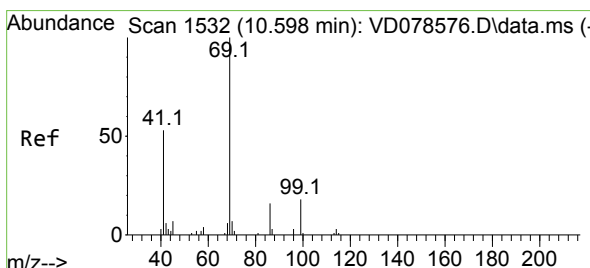
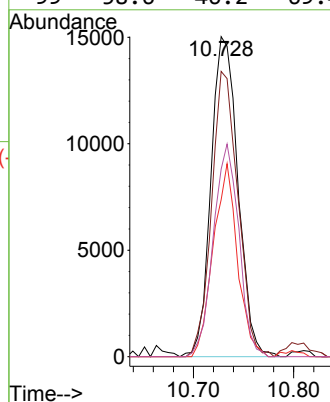
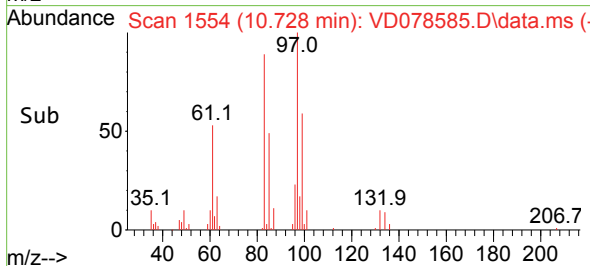


#55
1,1,2-Trichloroethane
Concen: 21.959 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

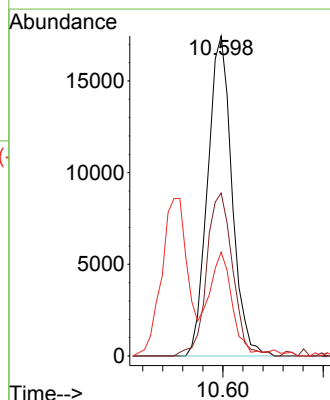
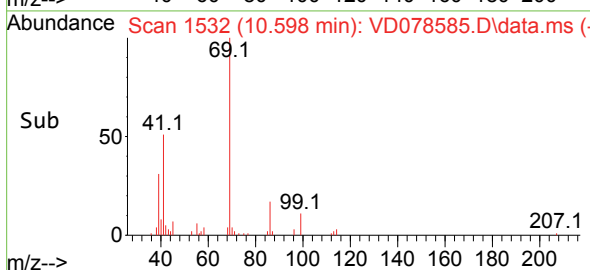
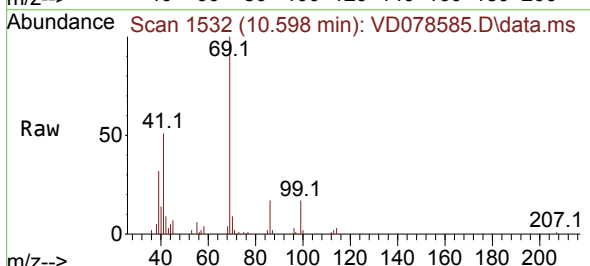


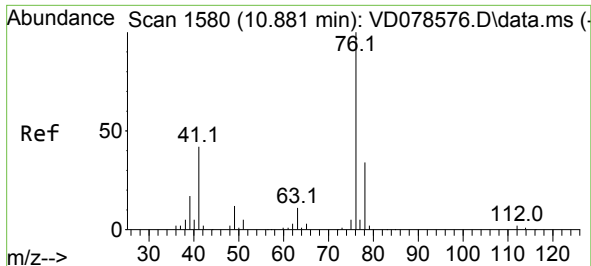
Tgt Ion: 97	Resp: 28049
Ion Ratio	Lower Upper
97 100	
83 89.1	65.8 98.6
85 49.0	45.7 68.5
99 58.6	46.2 69.4



#56
Ethyl methacrylate
Concen: 22.936 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 69	Resp: 29364
Ion Ratio	Lower Upper
69 100	
41 54.4	39.1 58.7
39 29.4	20.0 30.0





#57

1,3-Dichloropropane

Concen: 22.313 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

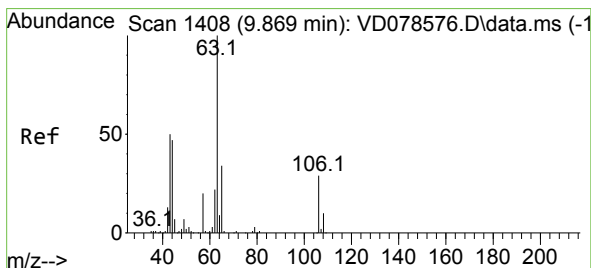
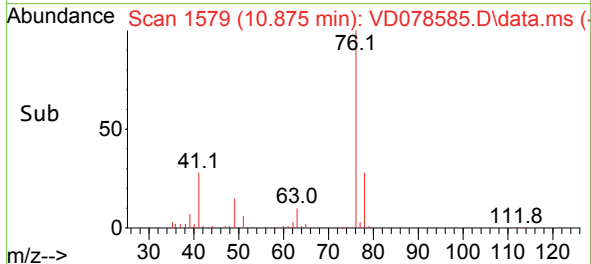
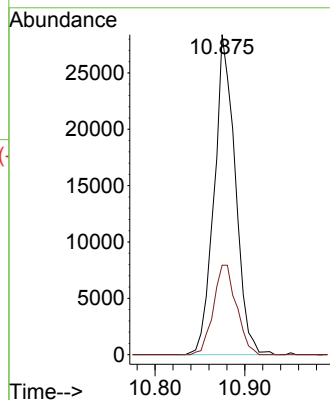
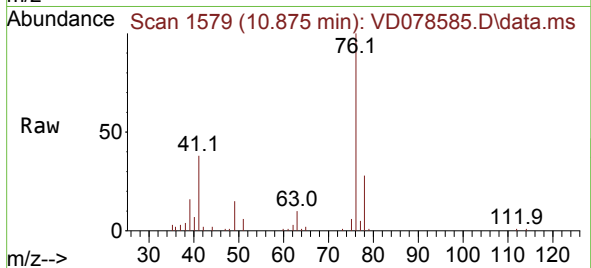
VD0304SBSD01

Tgt Ion: 76 Resp: 46188

Ion Ratio Lower Upper

76 100

78 30.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 141.967 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078585.D

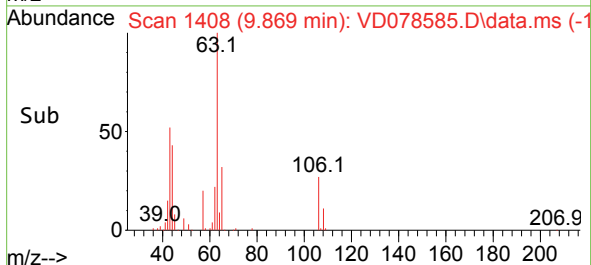
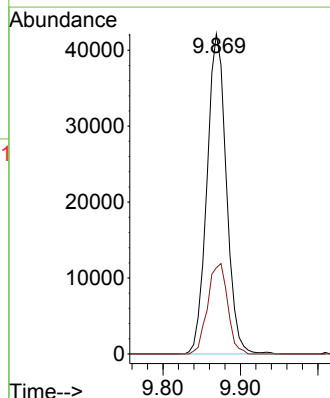
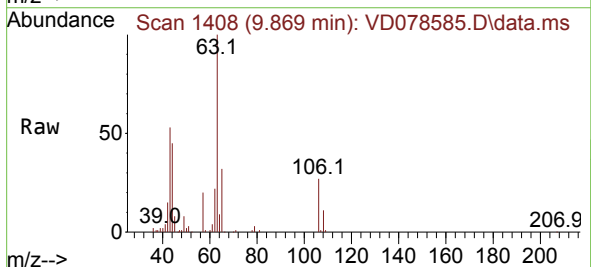
Acq: 04 Mar 2024 12:51

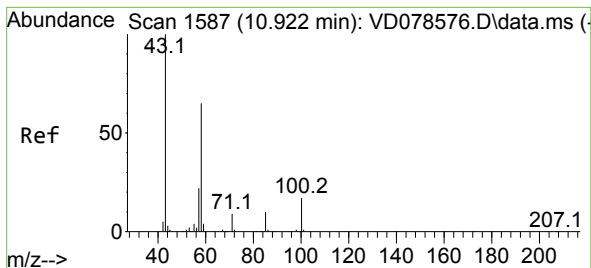
Tgt Ion: 63 Resp: 73224

Ion Ratio Lower Upper

63 100

106 29.1 25.3 37.9

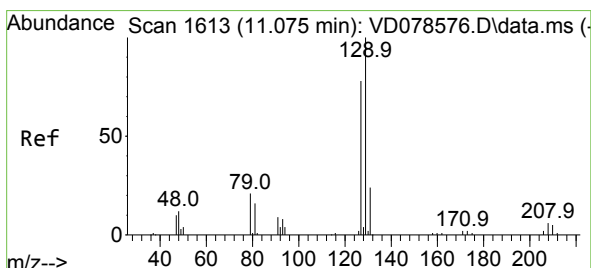
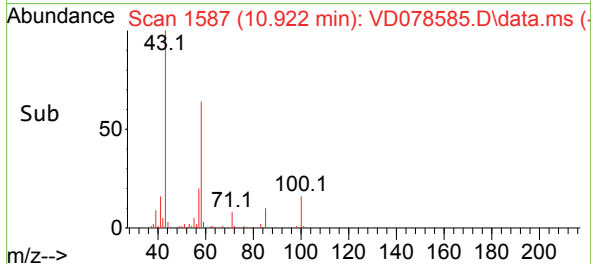
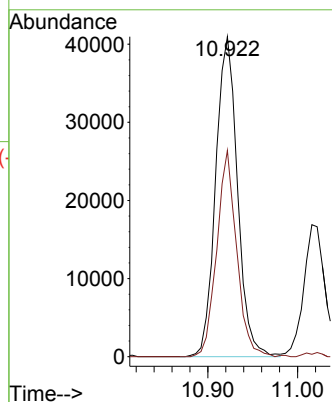
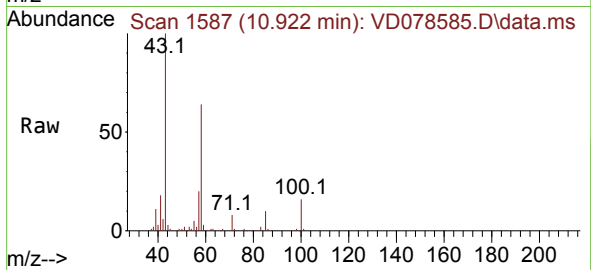




#59
2-Hexanone
Concen: 131.724 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

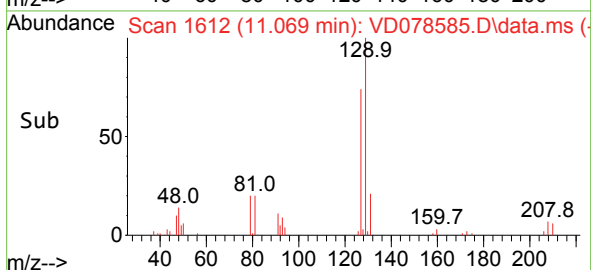
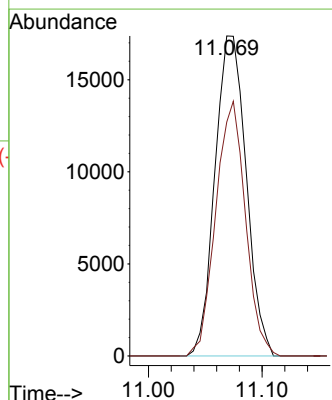
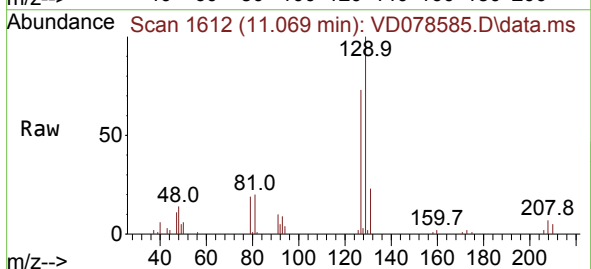
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

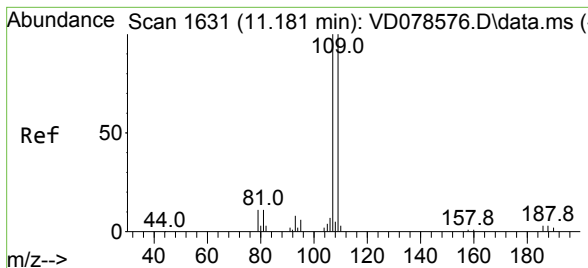
Tgt Ion: 43 Resp: 69232
Ion Ratio Lower Upper
43 100
58 58.7 34.1 102.2



#60
Dibromochloromethane
Concen: 21.567 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 129 Resp: 33265
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

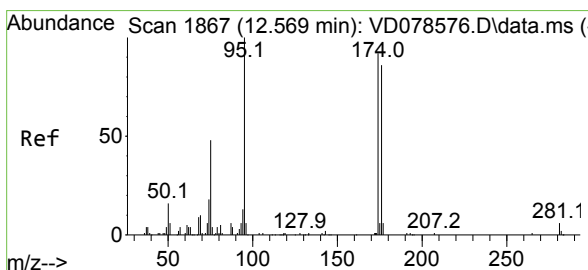
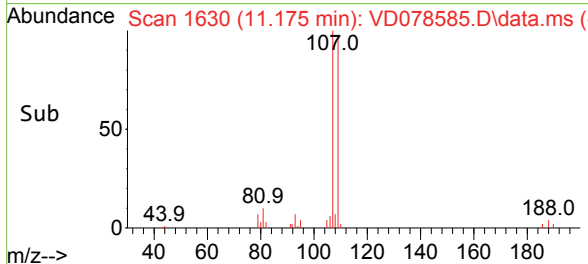
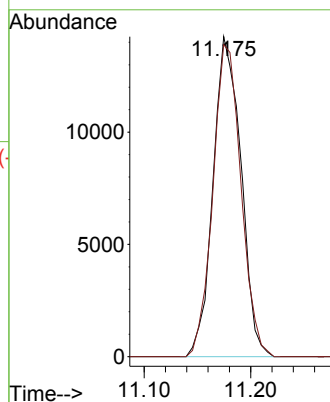
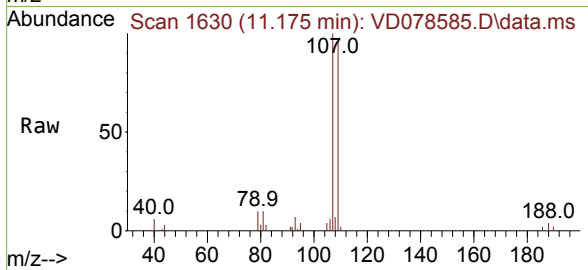




#61
1,2-Dibromoethane
Concen: 22.116 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

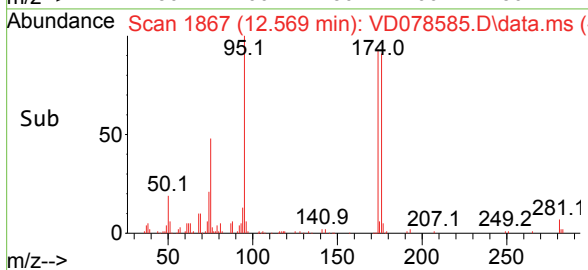
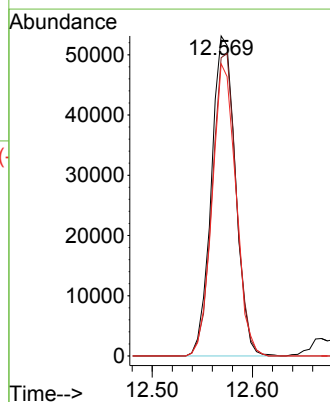
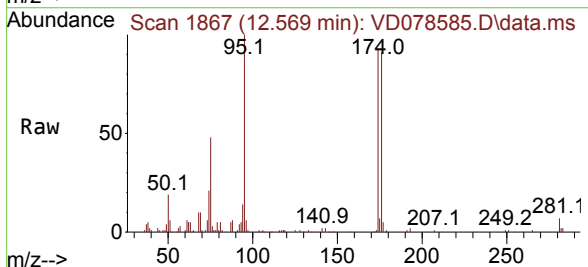
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

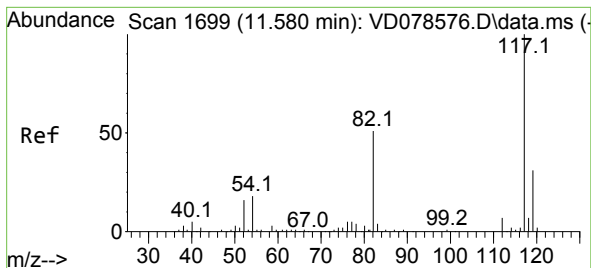
Tgt Ion:107 Resp: 25927
Ion Ratio Lower Upper
107 100
109 98.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.845 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 95 Resp: 88353
Ion Ratio Lower Upper
95 100
174 93.7 0.0 201.8
176 89.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

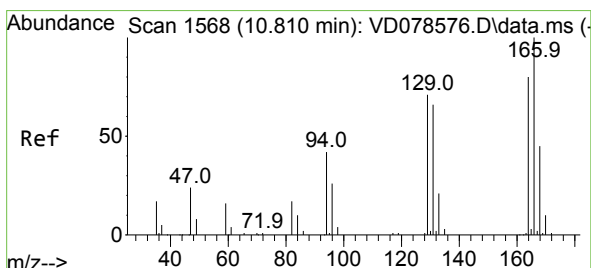
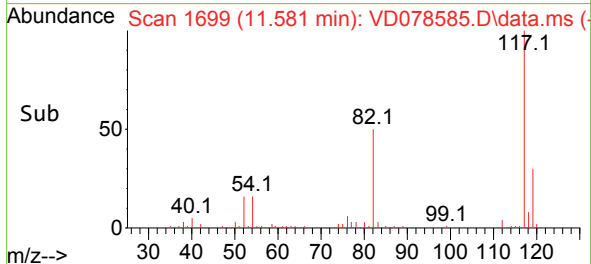
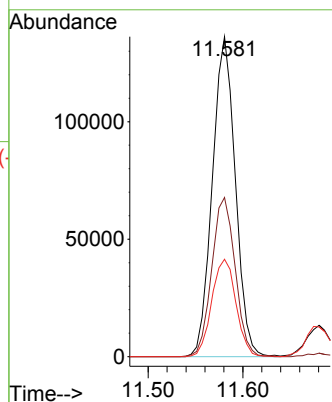
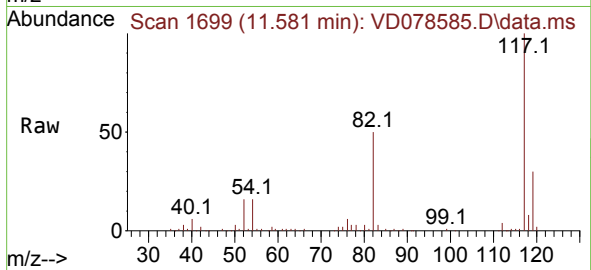
Tgt Ion:117 Resp: 229474

Ion Ratio Lower Upper

117 100

82 49.8 38.3 57.5

119 30.5 25.0 37.4



#64

Tetrachloroethene

Concen: 20.875 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Tgt Ion:164 Resp: 30140

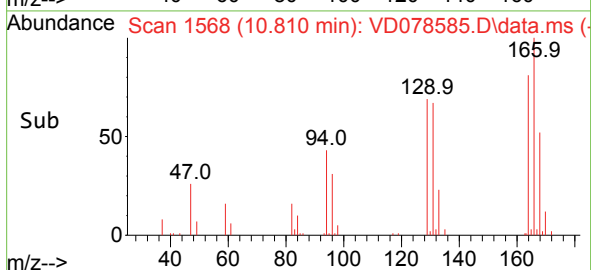
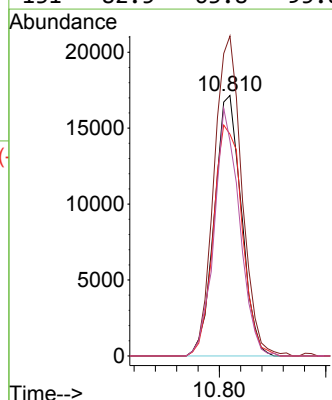
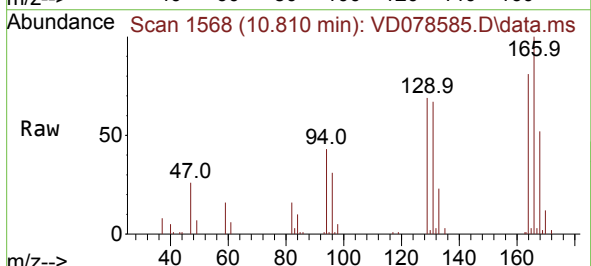
Ion Ratio Lower Upper

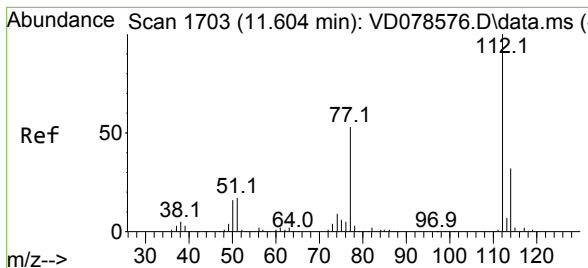
164 100

166 122.9 99.2 148.8

129 85.2 68.4 102.6

131 82.5 63.8 95.8

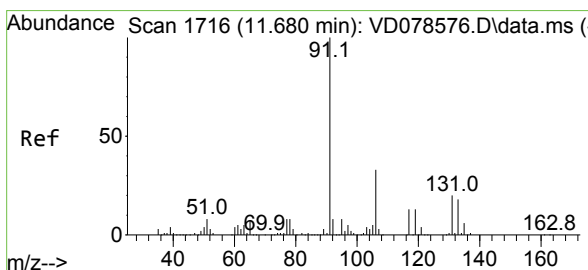
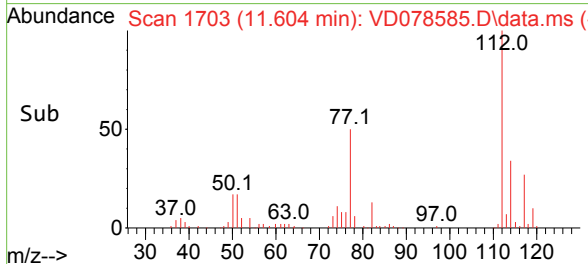
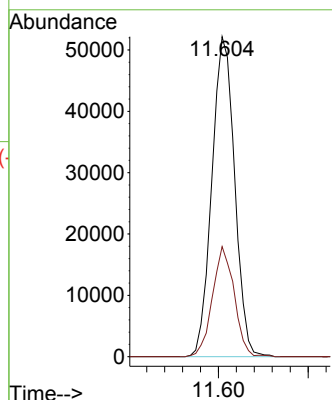
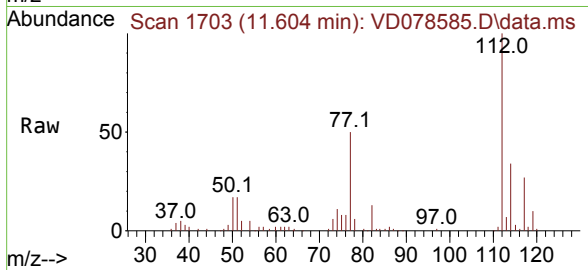




#65
Chlorobenzene
Concen: 20.336 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

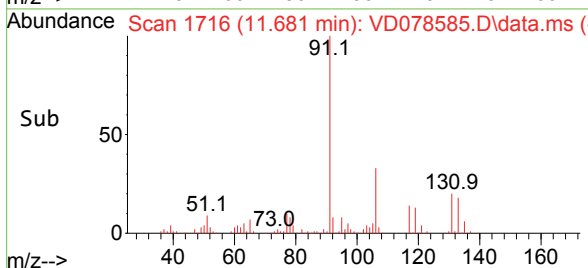
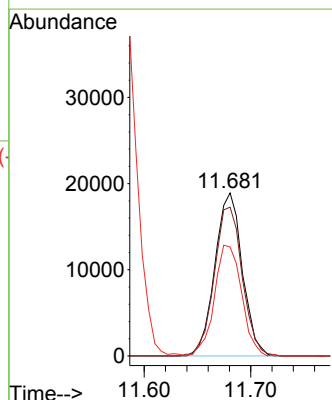
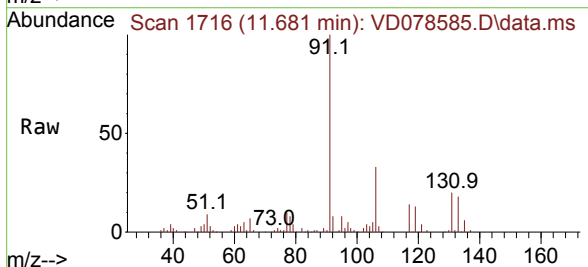
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

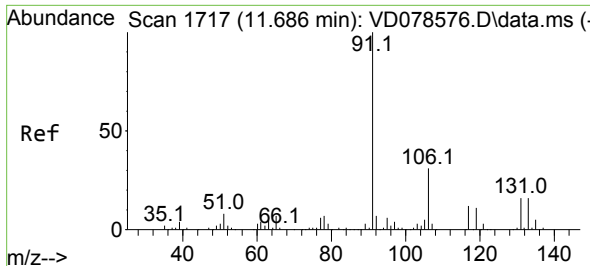
Tgt Ion:112 Resp: 91897
Ion Ratio Lower Upper
112 100
114 34.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.069 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:131 Resp: 33763
Ion Ratio Lower Upper
131 100
133 93.5 48.5 145.5
119 67.6 35.6 106.9

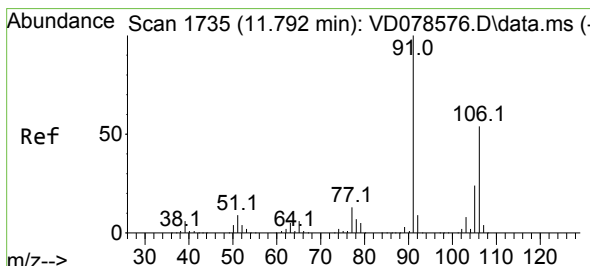
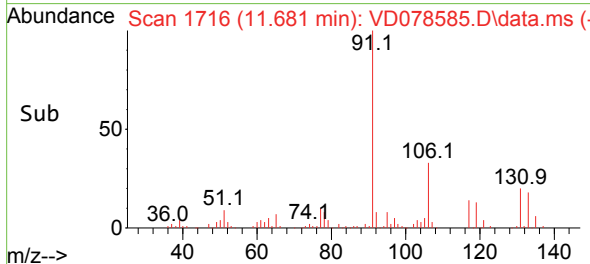
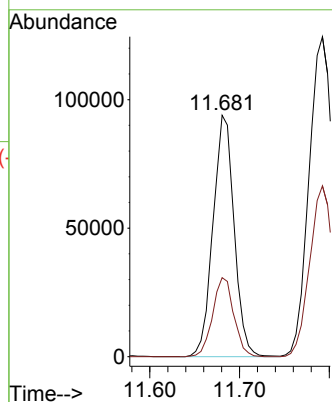
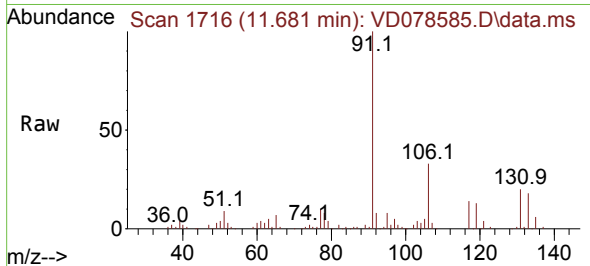




#67
Ethyl Benzene
Concen: 19.609 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

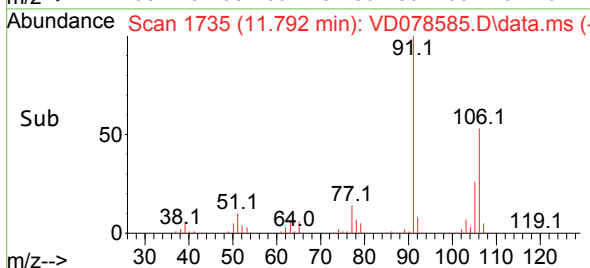
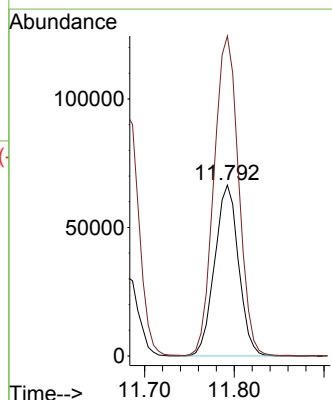
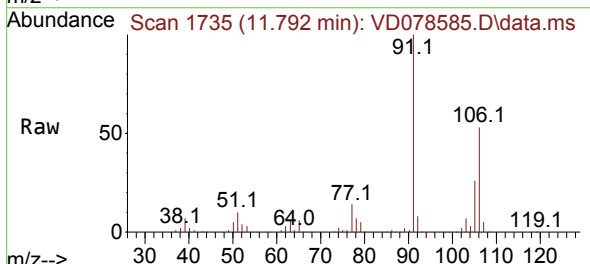
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

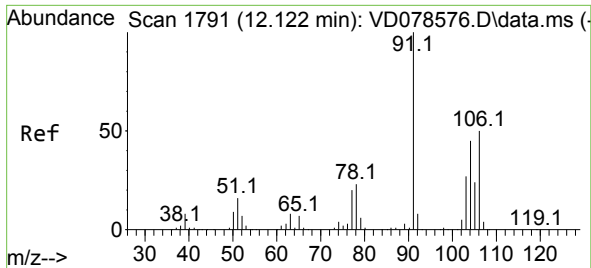
Tgt Ion: 91 Resp: 153537
Ion Ratio Lower Upper
91 100
106 32.8 26.5 39.7



#68
m/p-Xylenes
Concen: 38.840 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:106 Resp: 123032
Ion Ratio Lower Upper
106 100
91 193.4 147.0 220.6

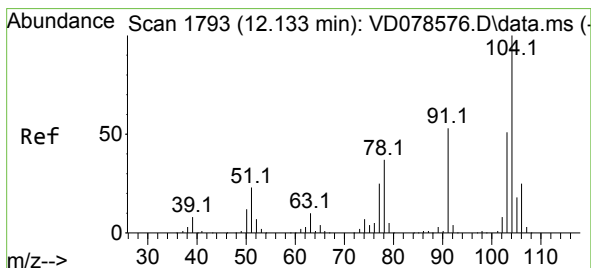
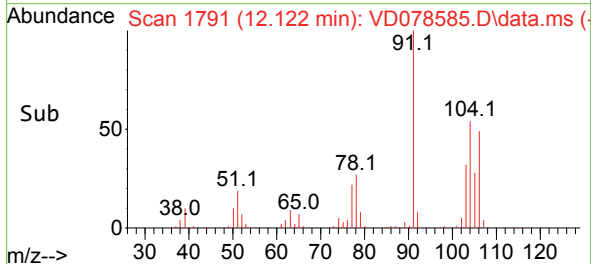
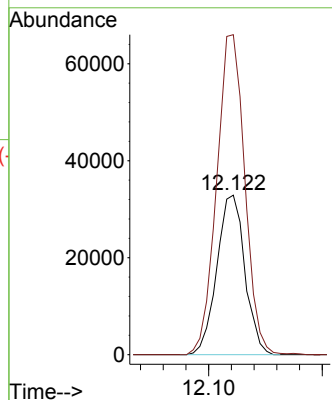
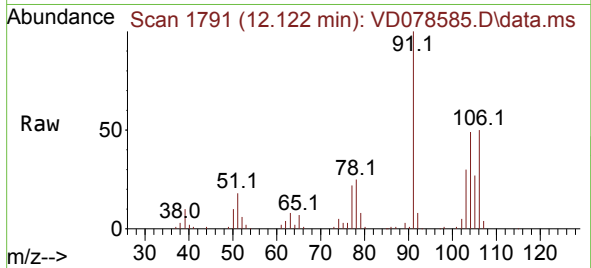




#69
o-Xylene
Concen: 19.546 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

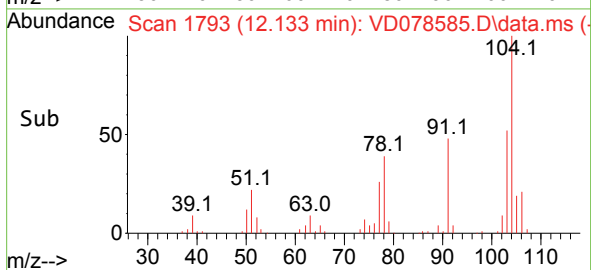
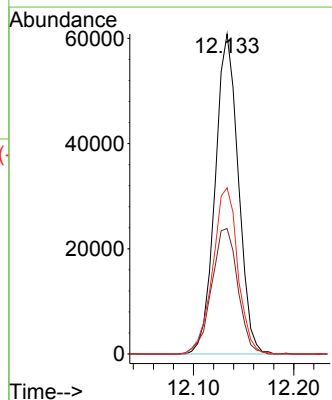
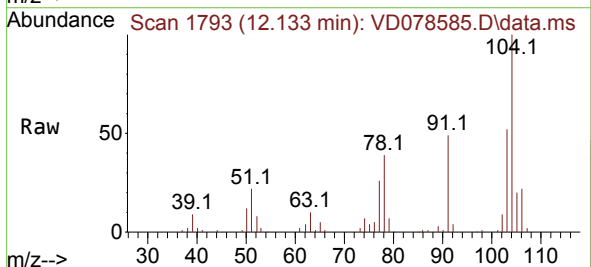
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

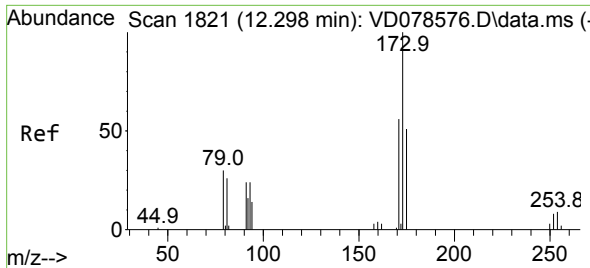
Tgt Ion:106 Resp: 56169
Ion Ratio Lower Upper
106 100
91 202.4 97.9 293.6



#70
Styrene
Concen: 19.575 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:104 Resp: 97504
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 56.2 43.6 65.4

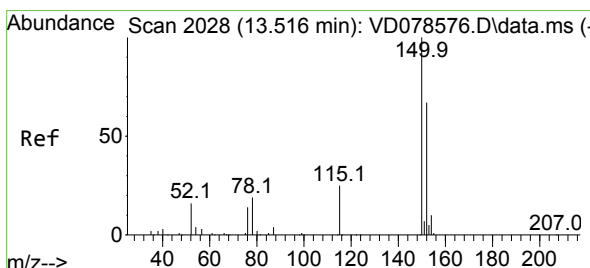
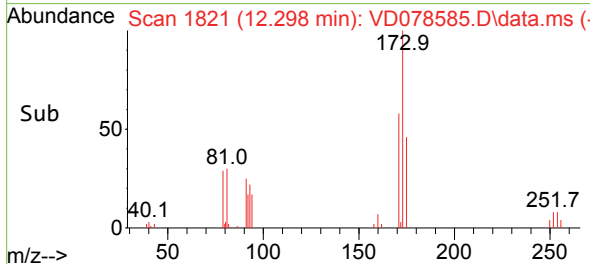
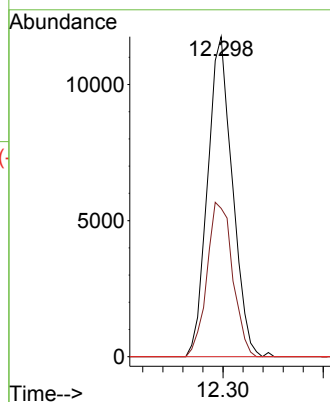
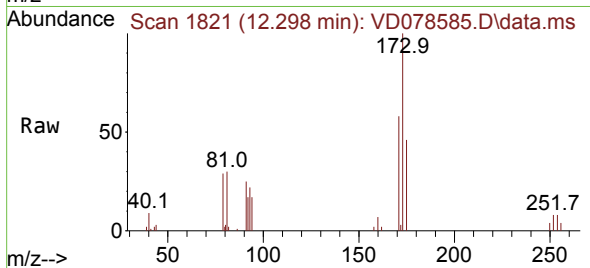




#71
Bromoform
Concen: 22.562 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

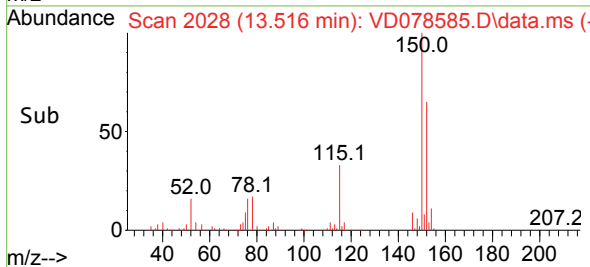
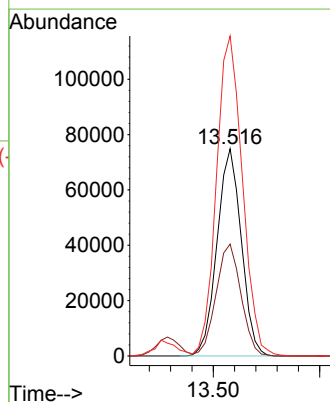
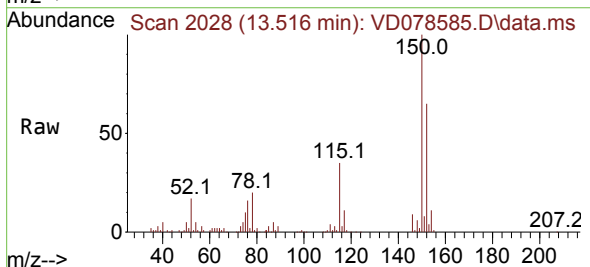
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

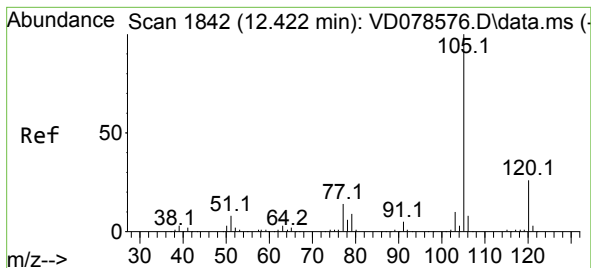
Tgt Ion:173 Resp: 20192
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:152 Resp: 118355
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 165.2 0.0 353.6





#73

Isopropylbenzene

Concen: 19.494 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

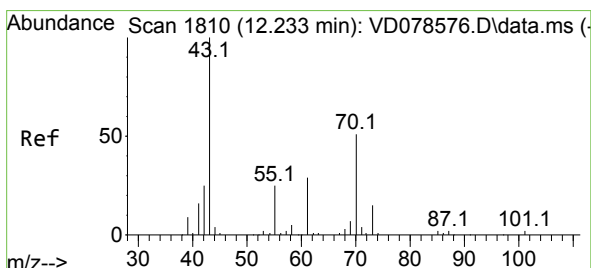
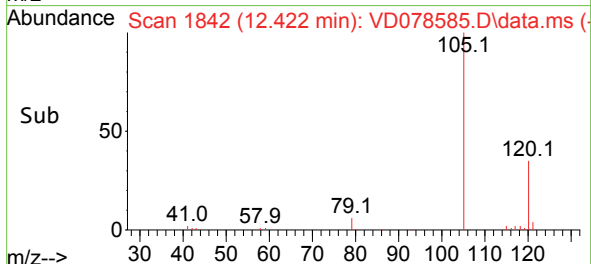
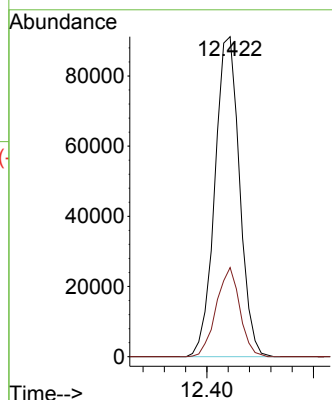
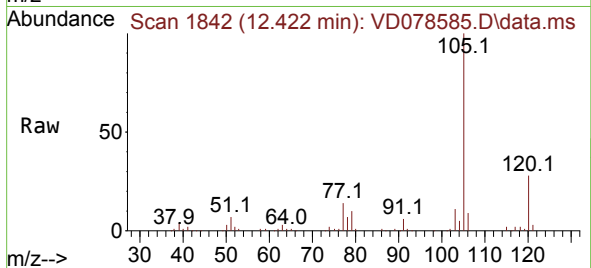
VD0304SBSD01

Tgt Ion:105 Resp: 146252

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 23.539 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Tgt Ion: 43 Resp: 29725

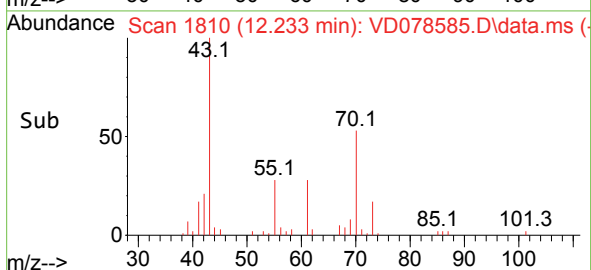
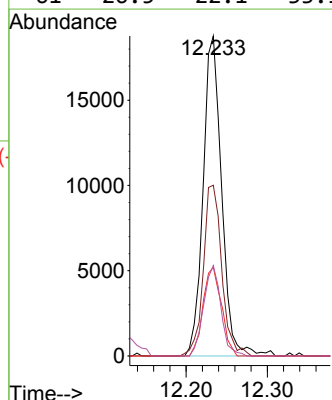
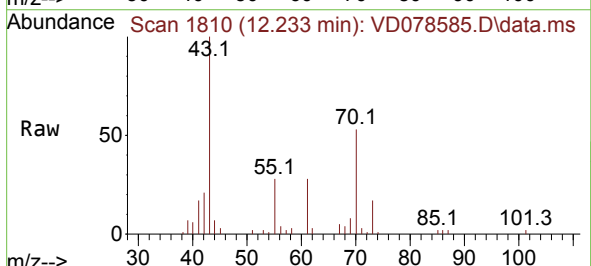
Ion Ratio Lower Upper

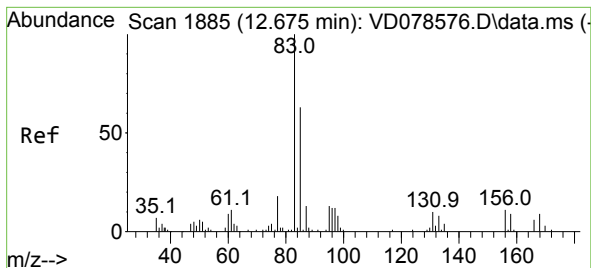
43 100

70 53.1 45.0 67.4

55 27.5 23.8 35.6

61 26.5 22.1 33.1

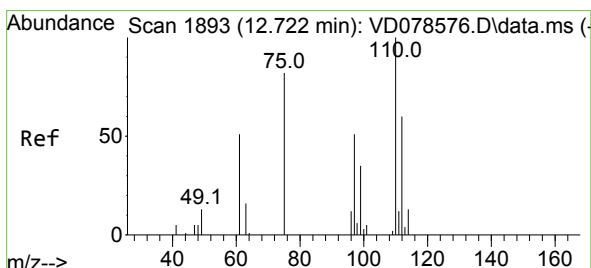
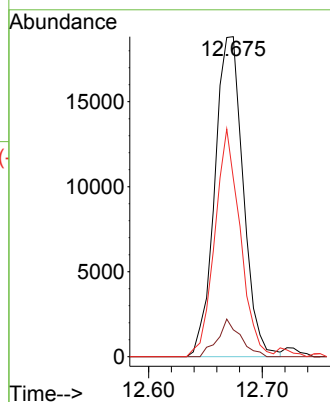
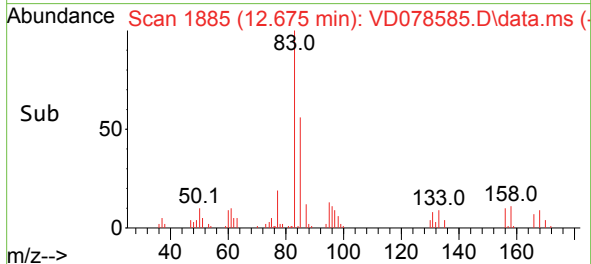
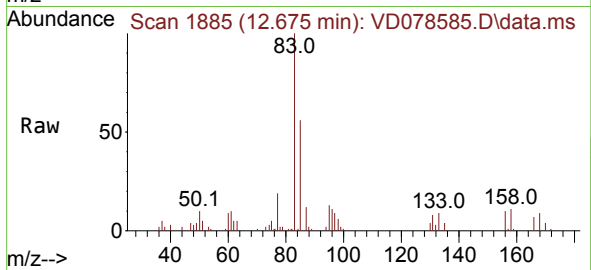




#75
1,1,2,2-Tetrachloroethane
Concen: 22.798 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

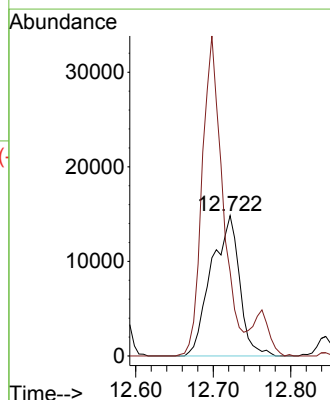
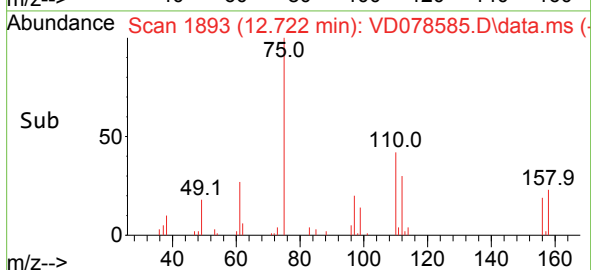
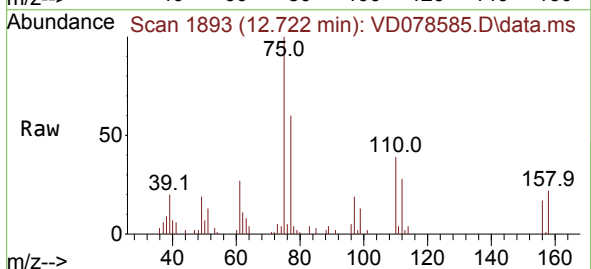
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

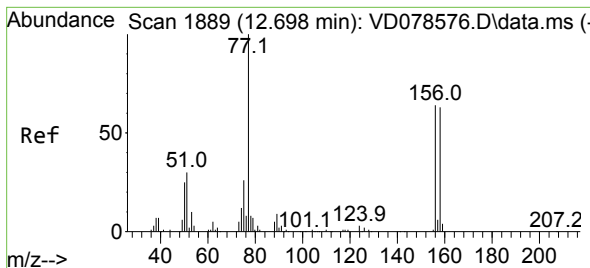
Tgt Ion: 83 Resp: 32767
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 41.646 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 75 Resp: 37645
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.756 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

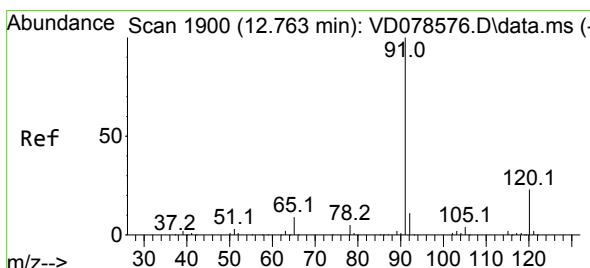
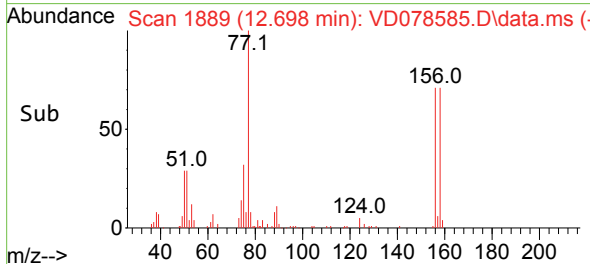
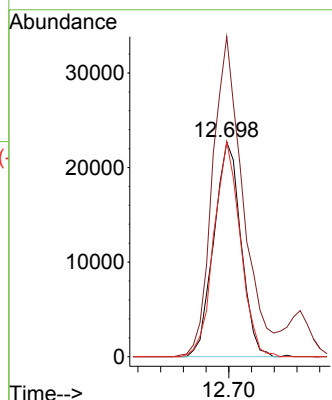
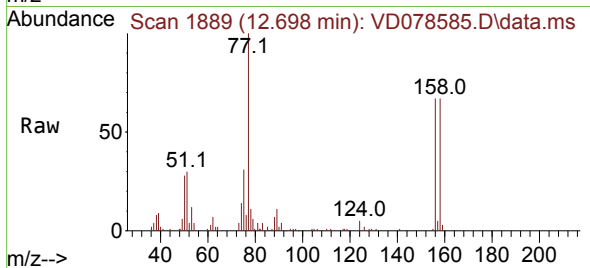
Tgt Ion:156 Resp: 37661

Ion Ratio Lower Upper

156 100

77 165.9 76.8 230.4

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.875 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078585.D

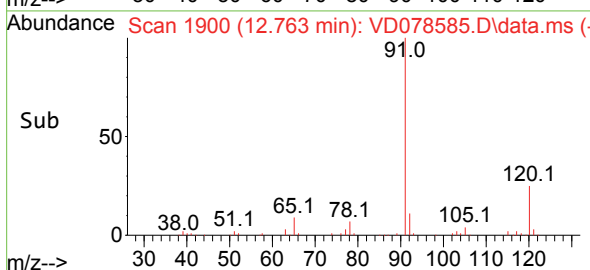
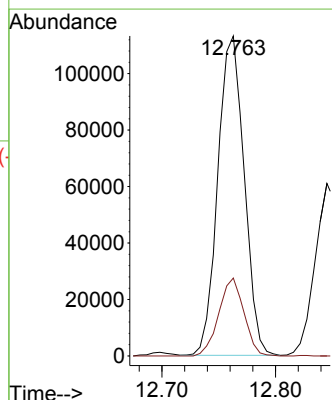
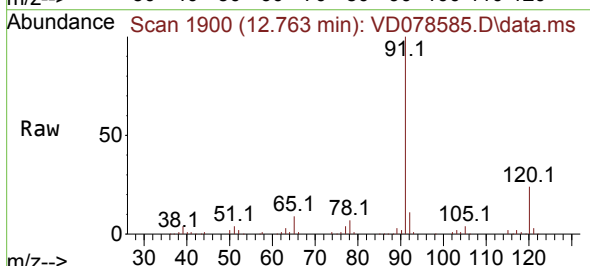
Acq: 04 Mar 2024 12:51

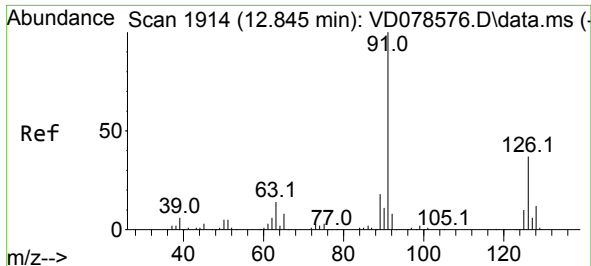
Tgt Ion: 91 Resp: 182394

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

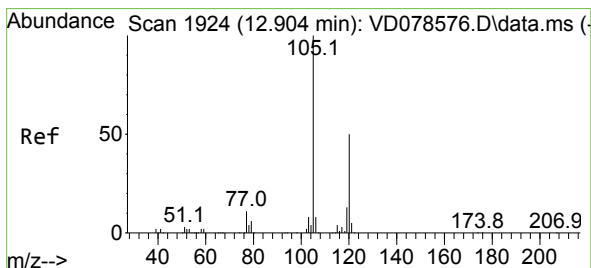
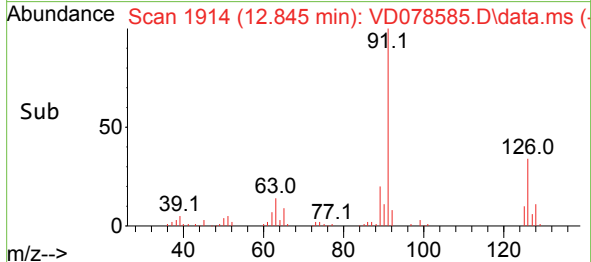
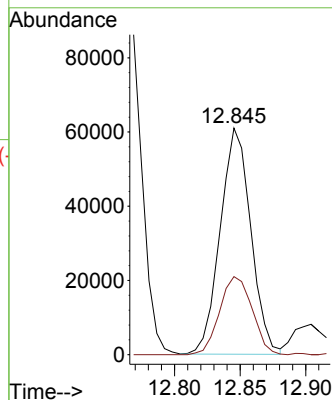
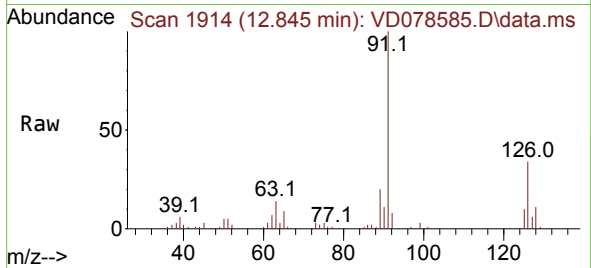




#79
2-Chlorotoluene
Concen: 20.105 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

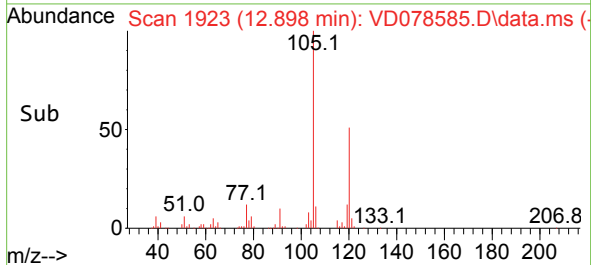
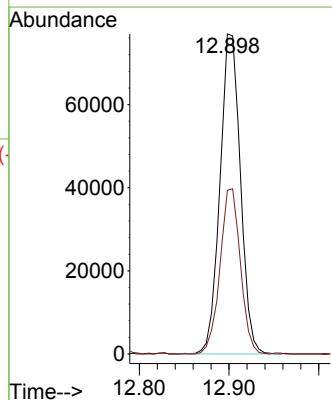
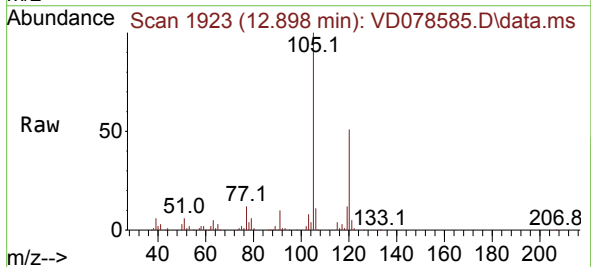
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

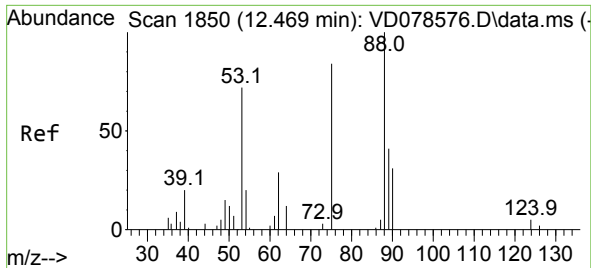
Tgt Ion: 91 Resp: 99007
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.993 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion: 105 Resp: 122060
Ion Ratio Lower Upper
105 100
120 51.4 26.4 79.2

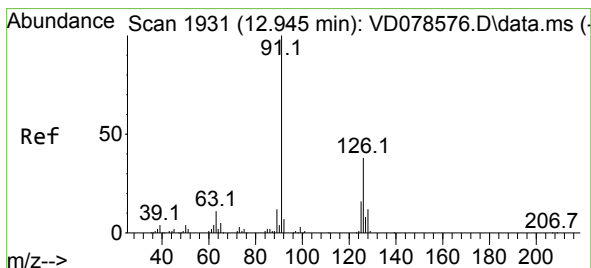
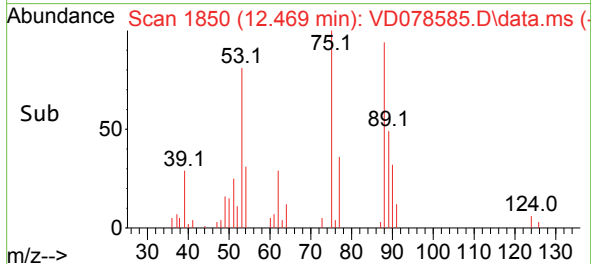
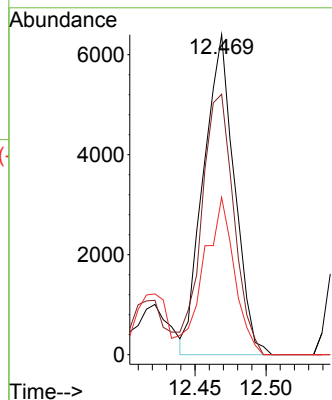
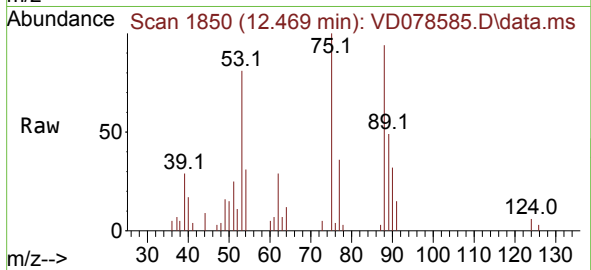




#81
trans-1,4-Dichloro-2-butene
Concen: 22.865 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

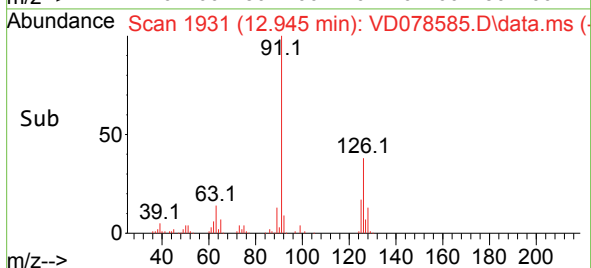
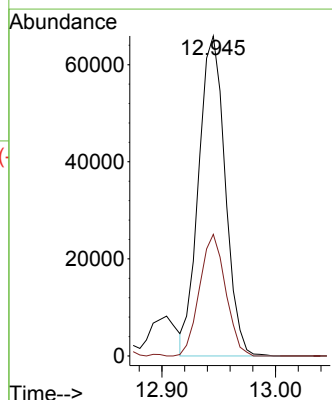
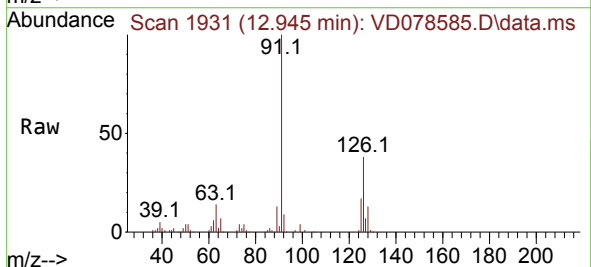
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

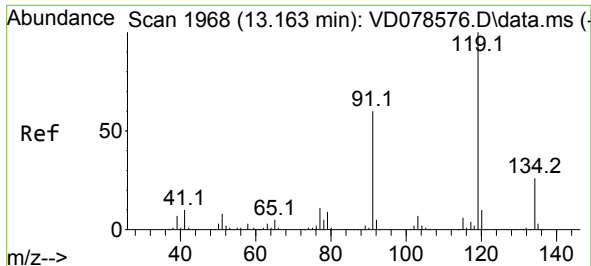
Tgt Ion:	75	Resp:	9656
Ion	Ratio	Lower	Upper
75	100		
53	84.6	63.0	94.4
89	48.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.371 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:	91	Resp:	106909
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.4

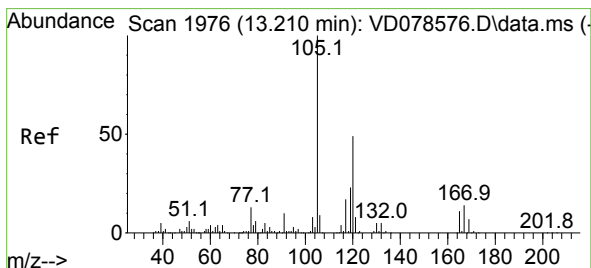
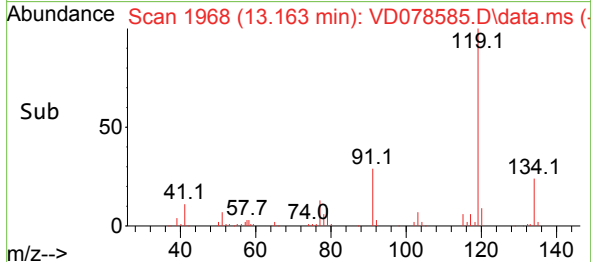
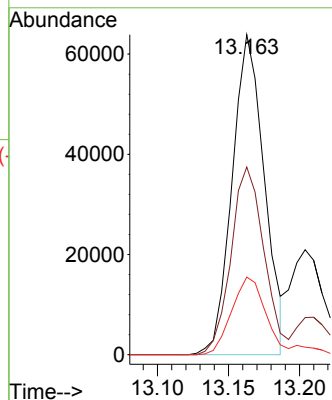
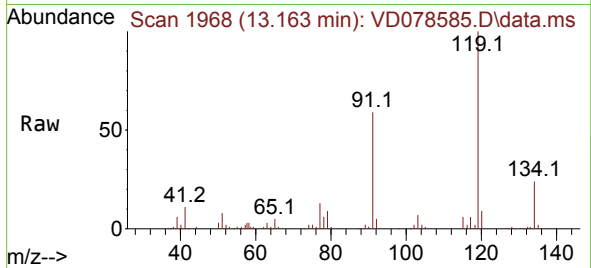




#83
tert-Butylbenzene
Concen: 19.152 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

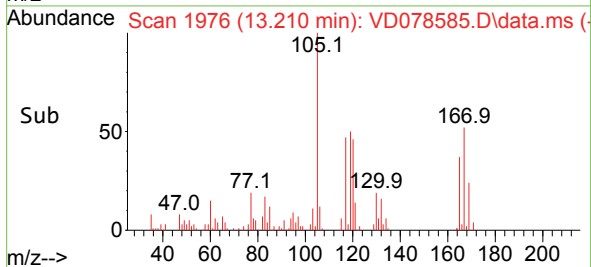
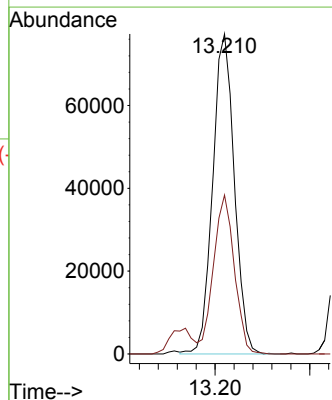
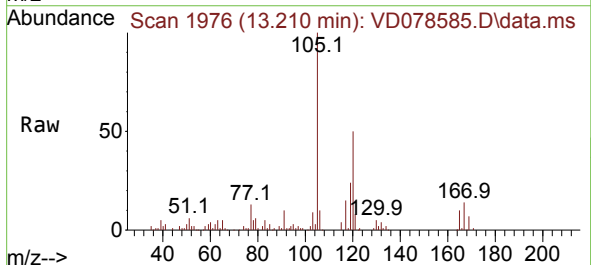
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBSD01

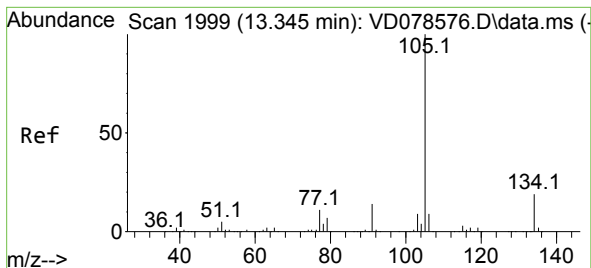
Tgt Ion:119 Resp: 100677
Ion Ratio Lower Upper
119 100
91 60.5 29.3 87.8
134 25.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.637 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:105 Resp: 122532
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.588 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

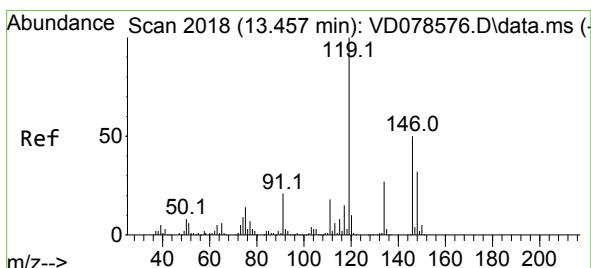
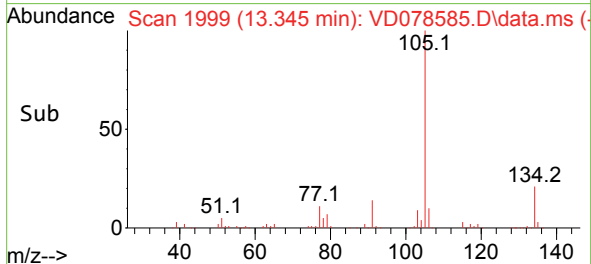
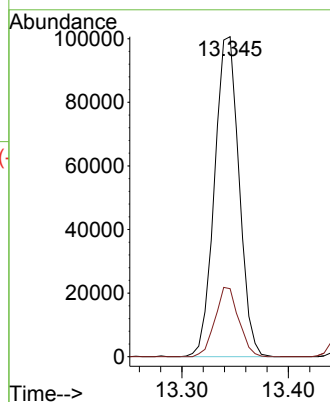
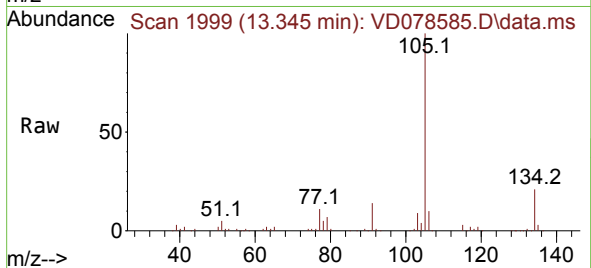
VD0304SBSD01

Tgt Ion:105 Resp: 160641

Ion Ratio Lower Upper

105 100

134 20.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.452 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

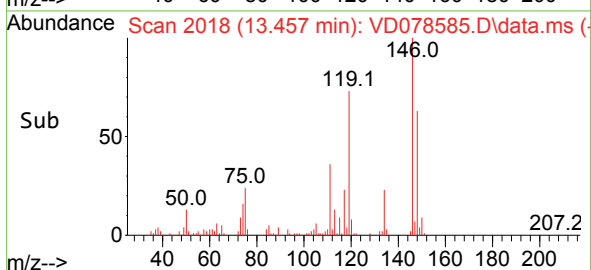
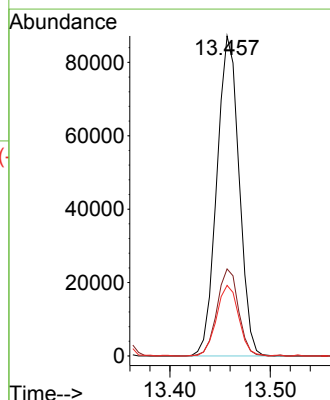
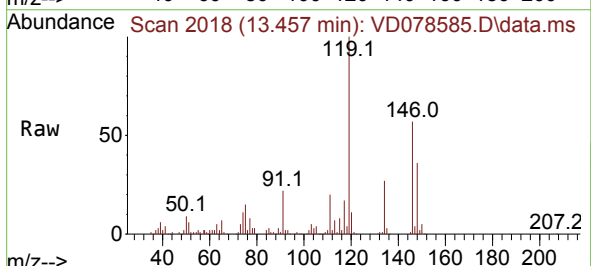
Tgt Ion:119 Resp: 134291

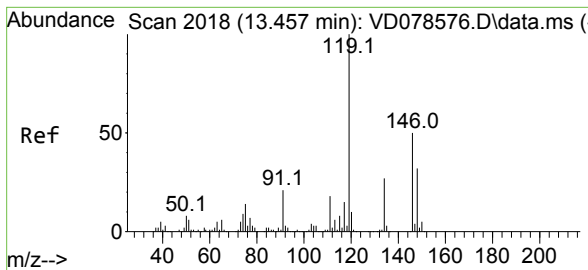
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 22.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.239 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

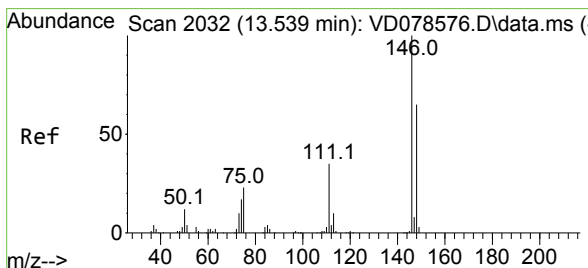
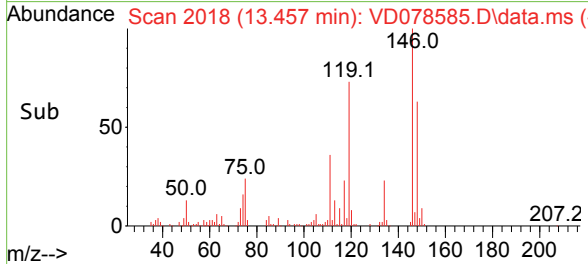
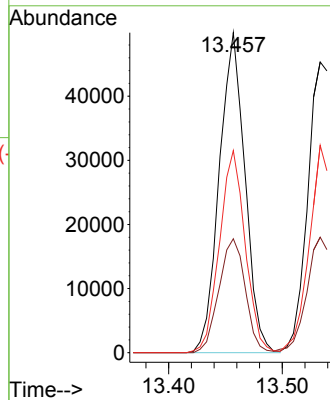
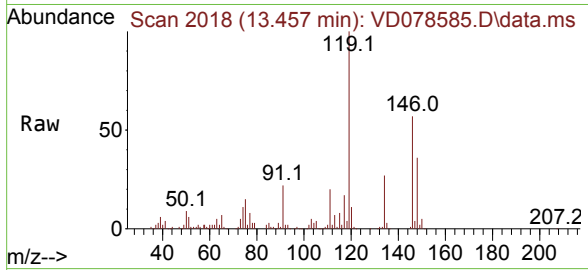
Tgt Ion:146 Resp: 78467

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

148 63.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.523 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

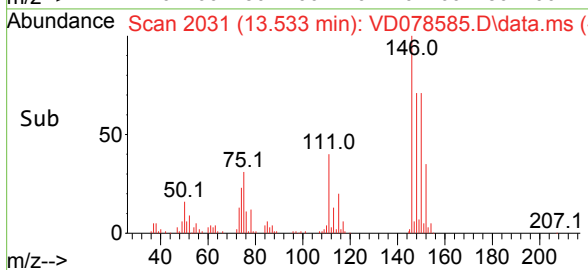
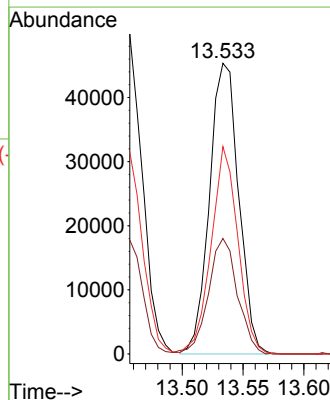
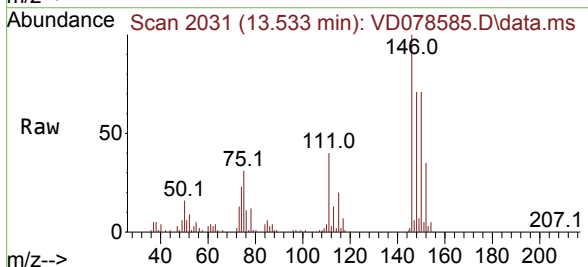
Tgt Ion:146 Resp: 75833

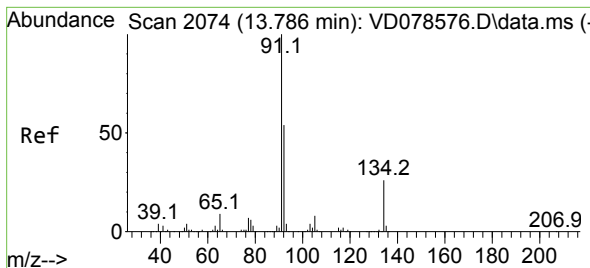
Ion Ratio Lower Upper

146 100

111 39.6 17.4 52.3

148 65.3 31.7 95.1





#89

n-Butylbenzene

Concen: 19.747 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

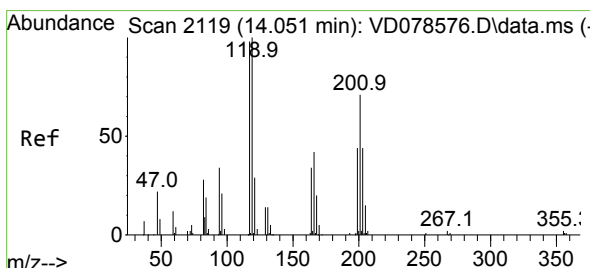
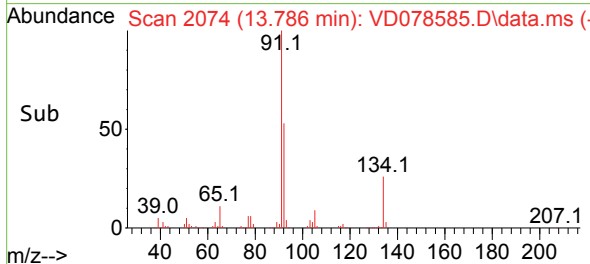
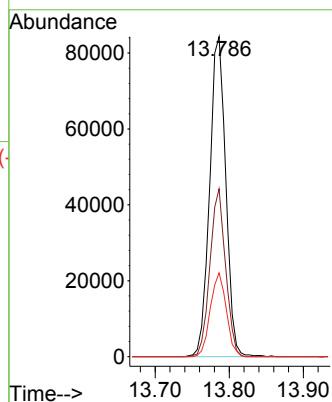
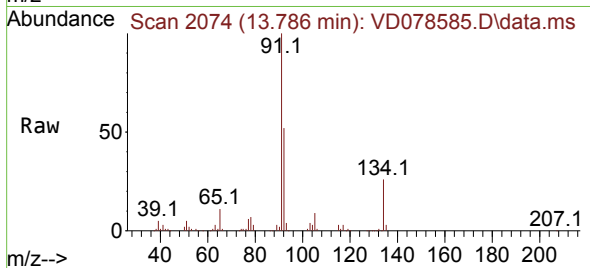
Tgt Ion: 91 Resp: 127400

Ion Ratio Lower Upper

91 100

92 50.7 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 20.654 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078585.D

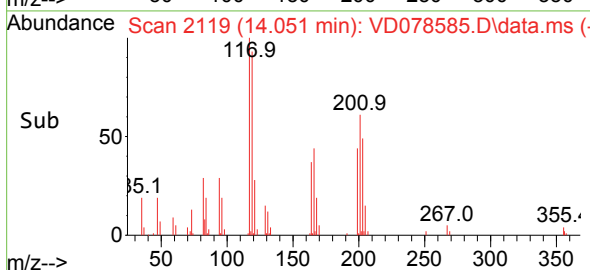
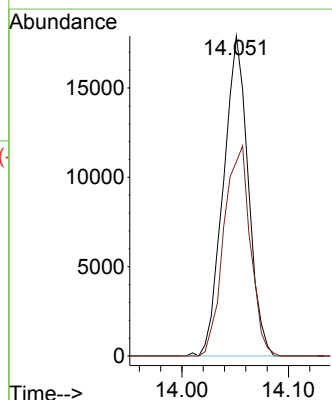
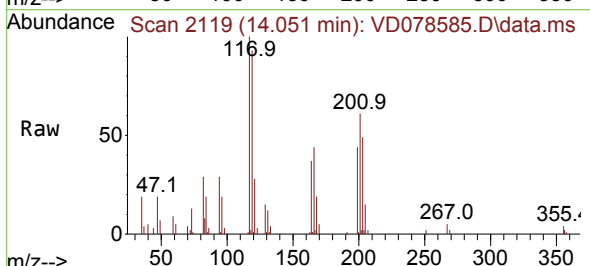
Acq: 04 Mar 2024 12:51

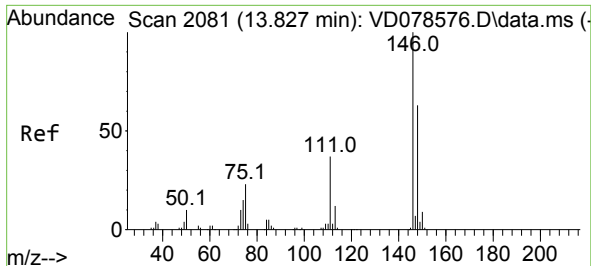
Tgt Ion: 117 Resp: 28993

Ion Ratio Lower Upper

117 100

201 70.2 38.5 115.5

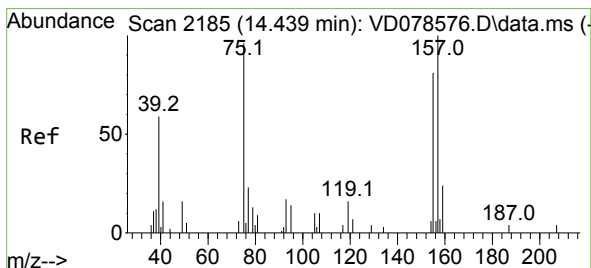
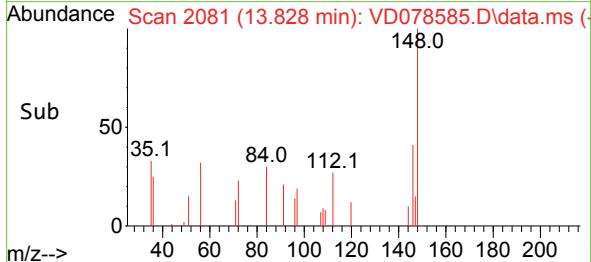
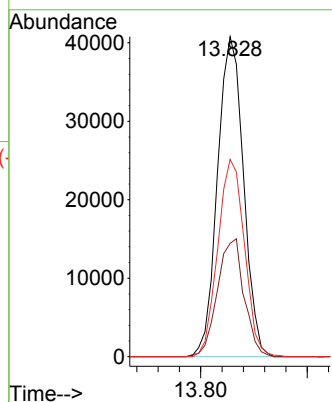
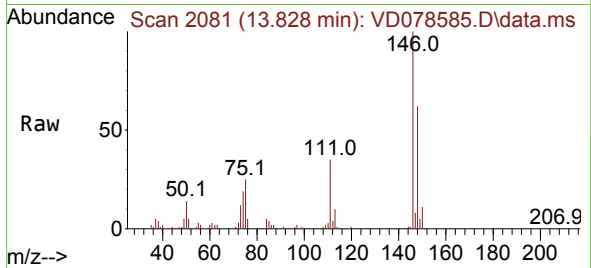




#91
 1,2-Dichlorobenzene
 Concen: 20.952 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

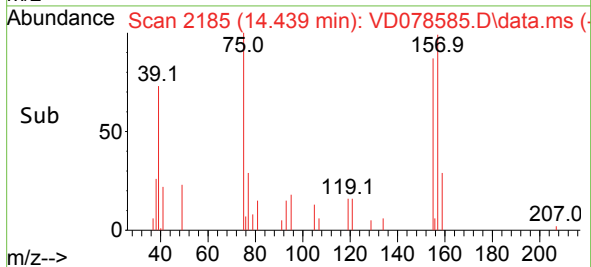
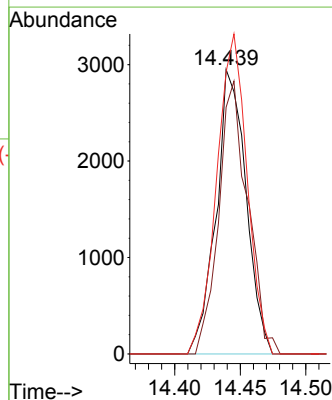
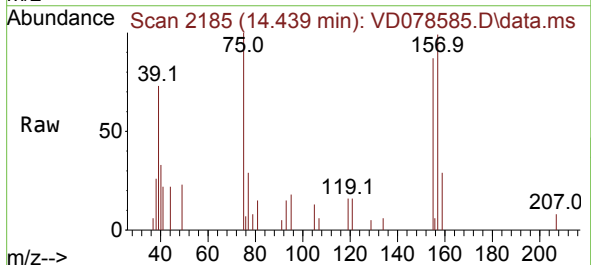
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBSD01

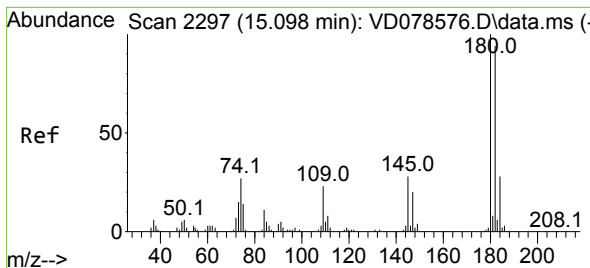
Tgt Ion:146 Resp: 69000
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.3 54.8
 148 63.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.418 ug/l
 RT: 14.439 min Scan# 2185
 Delta R.T. 0.000 min
 Lab File: VD078585.D
 Acq: 04 Mar 2024 12:51

Tgt Ion: 75 Resp: 4678
 Ion Ratio Lower Upper
 75 100
 155 93.3 47.9 143.8
 157 114.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.798 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBSD01

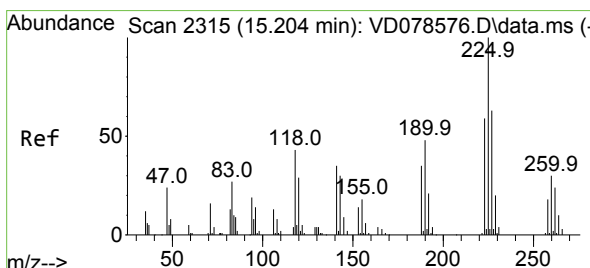
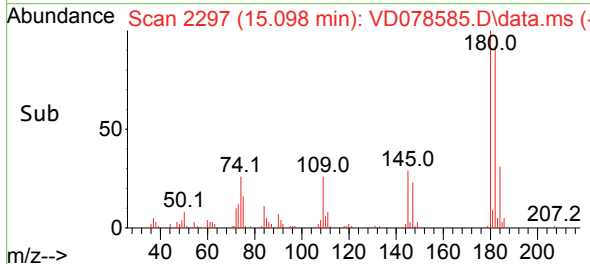
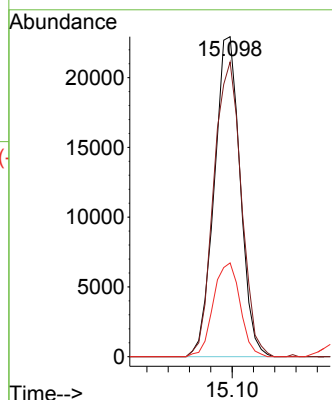
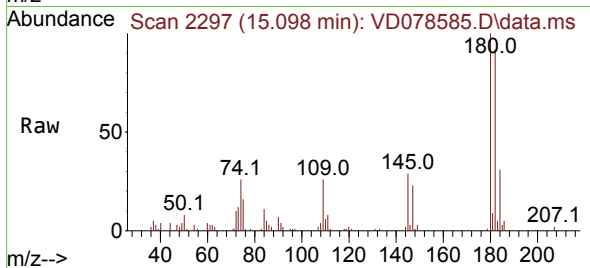
Tgt Ion:180 Resp: 38609

Ion Ratio Lower Upper

180 100

182 98.2 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.324 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078585.D

Acq: 04 Mar 2024 12:51

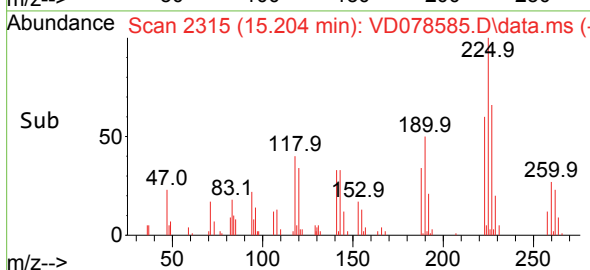
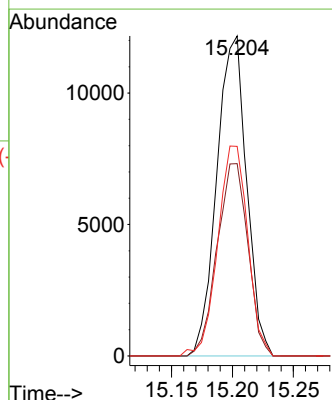
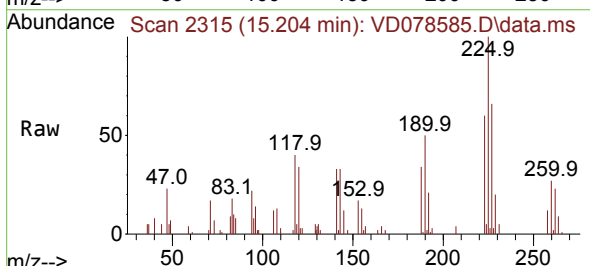
Tgt Ion:225 Resp: 20734

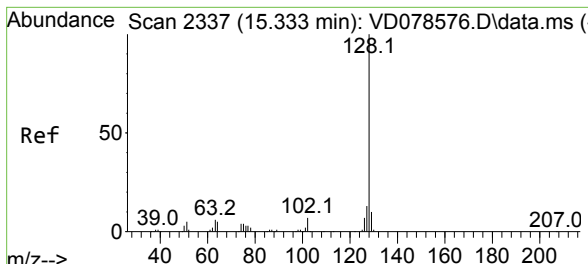
Ion Ratio Lower Upper

225 100

223 61.9 31.6 94.8

227 66.1 31.7 95.1

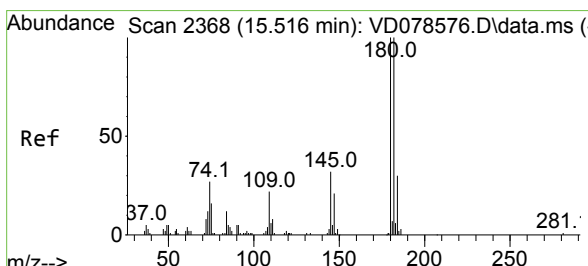
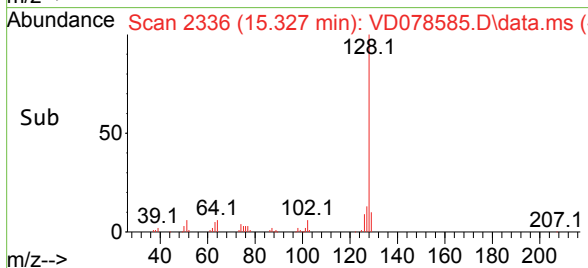
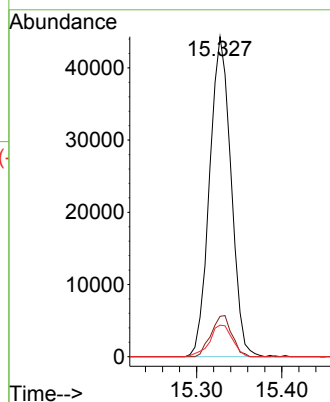
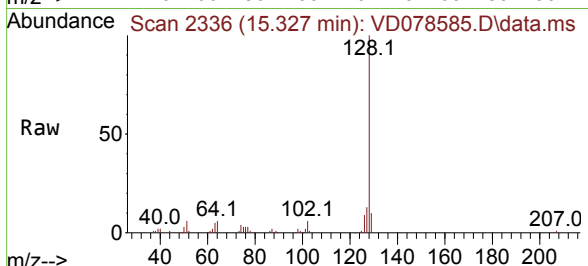




#95
Naphthalene
Concen: 22.493 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Tgt Ion:	128	Resp:	77510
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.917 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078585.D
Acq: 04 Mar 2024 12:51

Tgt Ion:	180	Resp:	36226
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	141.9
145	30.4	15.1	45.3

