

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078431.D
 Acq On : 15 Feb 2024 12:37
 Operator : RP/MD
 Sample : VD0215SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Quant Time: Feb 16 02:34:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	175678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	303198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133847	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83546	43.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.960%
35) Dibromofluoromethane	7.805	113	95130	49.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.269	98	369038	47.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.575	95	105109	46.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	31826	18.387	ug/l	97
3) Chloromethane	2.152	50	56217	17.673	ug/l	98
4) Vinyl Chloride	2.287	62	86846	17.891	ug/l	99
5) Bromomethane	2.687	94	64713	19.314	ug/l	98
6) Chloroethane	2.834	64	69931	19.757	ug/l	99
7) Trichlorofluoromethane	3.175	101	68537	20.931	ug/l	99
8) Diethyl Ether	3.593	74	18386	19.494	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.964	101	42914	20.775	ug/l	96
10) Methyl Iodide	4.158	142	39095	21.131	ug/l	92
11) Tert butyl alcohol	5.064	59	9801	91.621	ug/l	# 89
12) 1,1-Dichloroethene	3.940	96	40392	21.091	ug/l	91
13) Acrolein	3.799	56	13511	76.994	ug/l	97
14) Allyl chloride	4.564	41	46693	19.736	ug/l	90
15) Acrylonitrile	5.264	53	36587	90.619	ug/l	96
16) Acetone	4.028	43	44986	107.557	ug/l	90
17) Carbon Disulfide	4.270	76	127056	19.716	ug/l	100
18) Methyl Acetate	4.564	43	13598	13.223	ug/l	# 70
19) Methyl tert-butyl Ether	5.322	73	78908	19.393	ug/l	100
20) Methylene Chloride	4.799	84	52247	22.587	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	47124	20.916	ug/l	94
22) Diisopropyl ether	6.222	45	106595	20.442	ug/l	96
23) Vinyl Acetate	6.158	43	304894	136.285	ug/l	97
24) 1,1-Dichloroethane	6.116	63	75889	20.544	ug/l	99
25) 2-Butanone	7.075	43	52177	98.930	ug/l	# 80
26) 2,2-Dichloropropane	7.075	77	64206	20.734	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	49718	20.114	ug/l	92
28) Bromochloromethane	7.428	49	26884	18.374	ug/l	88
29) Tetrahydrofuran	7.446	42	27073	95.838	ug/l	90
30) Chloroform	7.599	83	81972	20.973	ug/l	91
31) Cyclohexane	7.875	56	63141	19.650	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	72093	21.635	ug/l	98
36) 1,1-Dichloropropene	8.011	75	63661	21.277	ug/l	97
37) Ethyl Acetate	7.169	43	18646	17.778	ug/l	# 88
38) Carbon Tetrachloride	7.993	117	63572	21.455	ug/l	92
39) Methylcyclohexane	9.275	83	72920	20.530	ug/l	95
40) Benzene	8.252	78	179646	20.773	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9390	17.203	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	44377	19.832	ug/l	98
43) Isopropyl Acetate	8.363	43	37733	19.429	ug/l	96
44) Trichloroethene	9.028	130	48974	22.198	ug/l	88
45) 1,2-Dichloropropane	9.305	63	43396	20.452	ug/l	97
46) Dibromomethane	9.399	93	24714	20.708	ug/l	90
47) Bromodichloromethane	9.587	83	60801	20.568	ug/l	94
48) Methyl methacrylate	9.381	41	18483	17.938	ug/l	87
49) 1,4-Dioxane	9.381	88	4924	380.973	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	100104	97.114	ug/l	91
52) Toluene	10.334	92	116371	21.279	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	55321	20.510	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	68561	20.962	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	33666	20.947	ug/l	97
56) Ethyl methacrylate	10.599	69	34872	23.460	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	55398	20.262	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	82957	94.744	ug/l	99
59) 2-Hexanone	10.922	43	79721	102.912	ug/l	93
60) Dibromochloromethane	11.069	129	41175	21.292	ug/l	97
61) 1,2-Dibromoethane	11.181	107	31154	20.647	ug/l	98
64) Tetrachloroethene	10.810	164	39134	22.541	ug/l	92
65) Chlorobenzene	11.604	112	122604	22.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42957	21.154	ug/l	99
67) Ethyl Benzene	11.681	91	215030	21.718	ug/l	99
68) m/p-Xylenes	11.793	106	171477	44.402	ug/l	93
69) o-Xylene	12.122	106	76955	21.836	ug/l	93
70) Styrene	12.134	104	134104	23.315	ug/l	98
71) Bromoform	12.299	173	23201	21.707	ug/l #	97
73) Isopropylbenzene	12.422	105	204359	22.738	ug/l	96
74) N-amyl acetate	12.234	43	36415	21.417	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	35145	19.713	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	43279	38.087	ug/l #	100
77) Bromobenzene	12.698	156	47780	22.621	ug/l	95
78) n-propylbenzene	12.763	91	256841	22.932	ug/l	96
79) 2-Chlorotoluene	12.851	91	134523	22.424	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	167512	22.446	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10613	19.390	ug/l	89
82) 4-Chlorotoluene	12.946	91	144832	22.479	ug/l	95
83) tert-Butylbenzene	13.169	119	145154	23.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	168327	22.224	ug/l	99
85) sec-Butylbenzene	13.346	105	223661	22.914	ug/l	96
86) p-Isopropyltoluene	13.463	119	188335	22.653	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	99270	22.020	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	97730	22.063	ug/l	97
89) n-Butylbenzene	13.787	91	176937	22.080	ug/l	99
90) Hexachloroethane	14.051	117	38070	22.279	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	84647	22.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4792	20.527	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	49692	22.335	ug/l	98
94) Hexachlorobutadiene	15.204	225	27162	23.390	ug/l	96
95) Naphthalene	15.334	128	87835	21.285	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	42661	22.625	ug/l	95

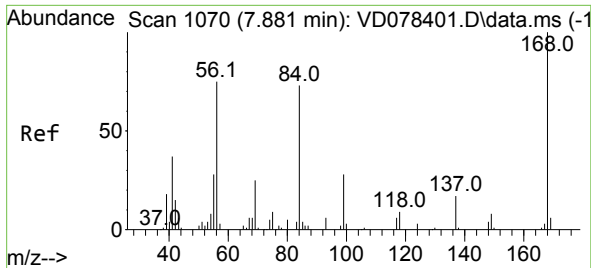
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
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Response via : Initial Calibration

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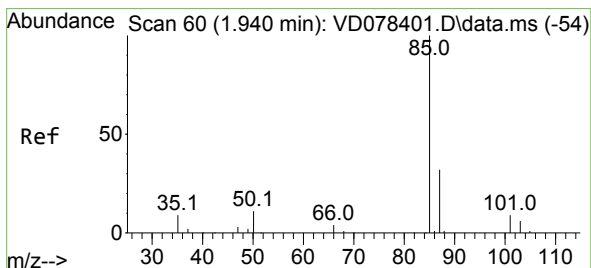
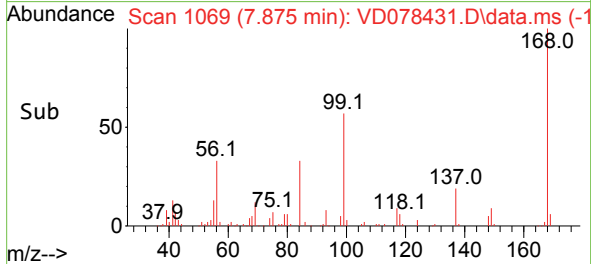
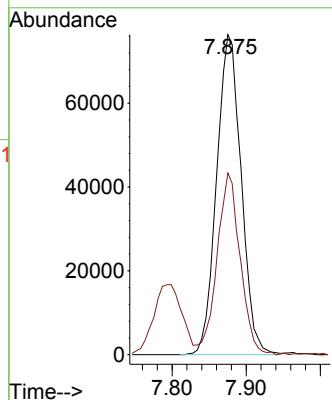
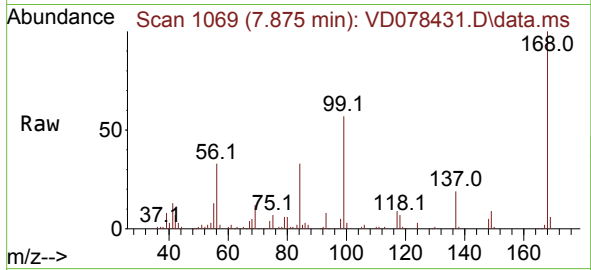
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

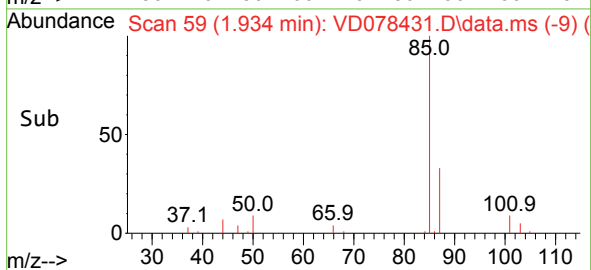
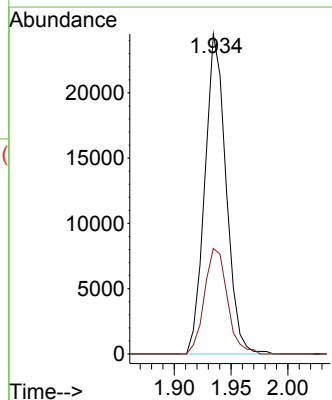
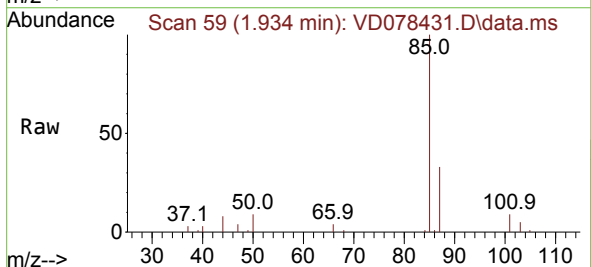
Instrument :
MSVOA_D
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VD0215SBS01

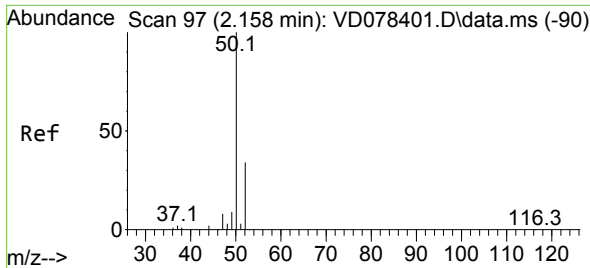
Tgt Ion:168 Resp: 175678
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 18.387 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 85 Resp: 31826
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

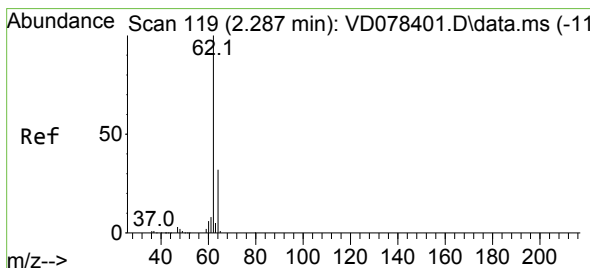
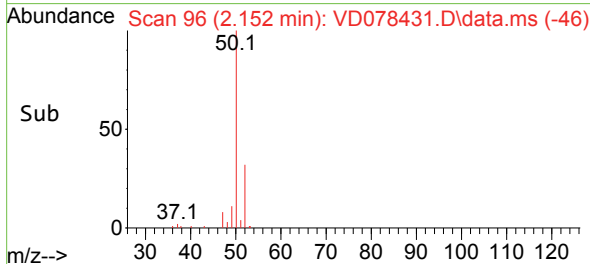
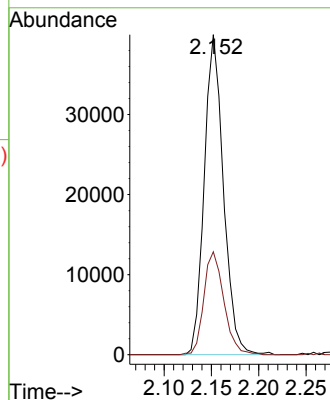
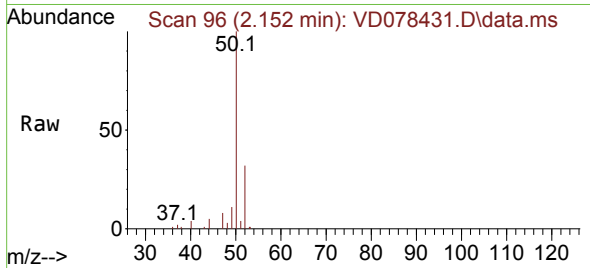




#3
Chloromethane
Concen: 17.673 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

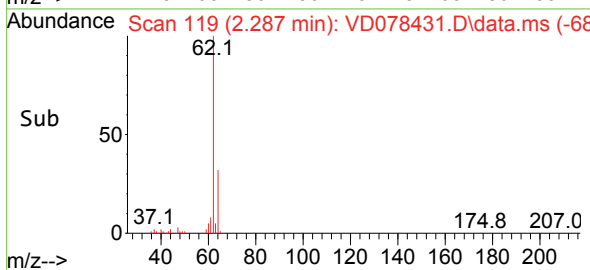
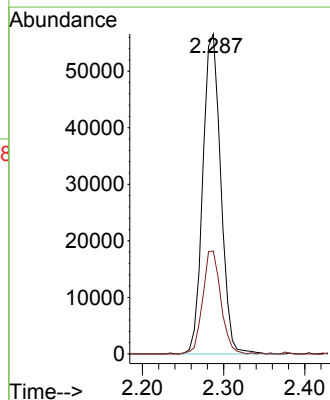
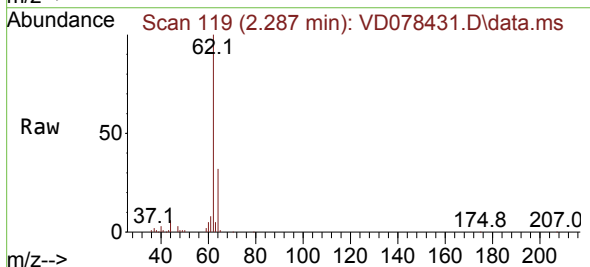
Instrument :
MSVOA_D
ClientSampleId :
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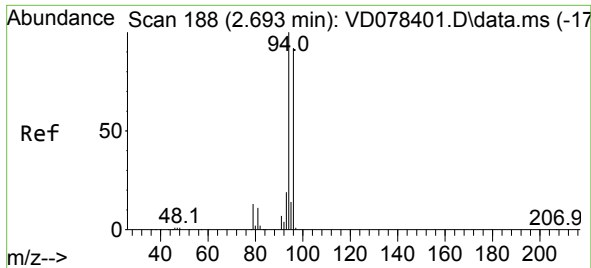
Tgt Ion: 50 Resp: 56217
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 17.891 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 62 Resp: 86846
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

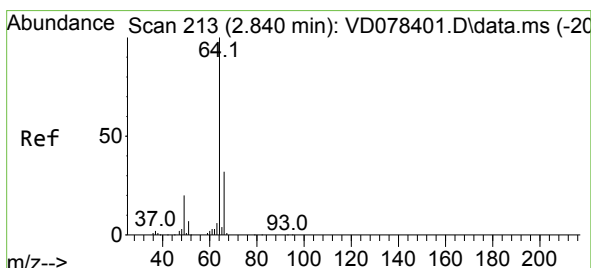
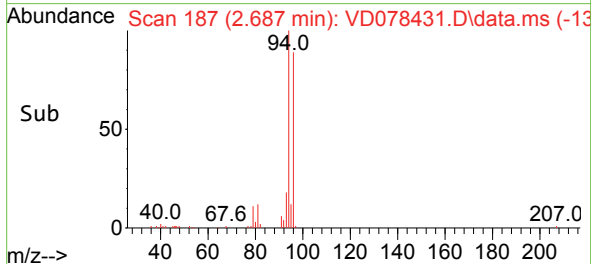
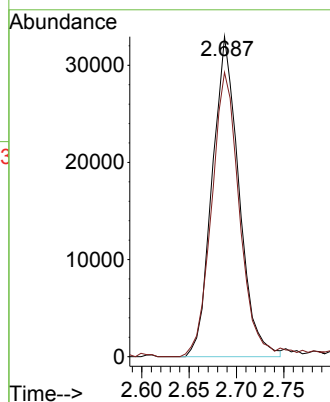
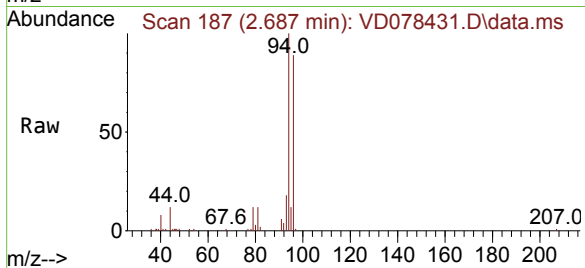




#5
Bromomethane
Concen: 19.314 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

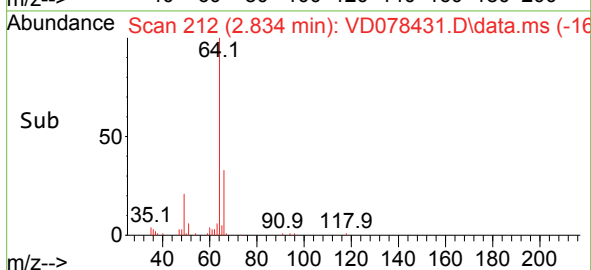
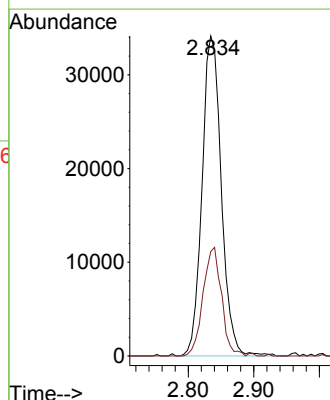
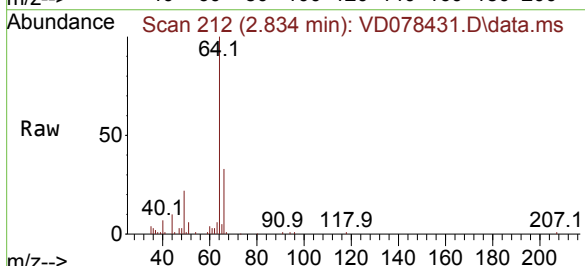
Instrument :
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ClientSampleId :
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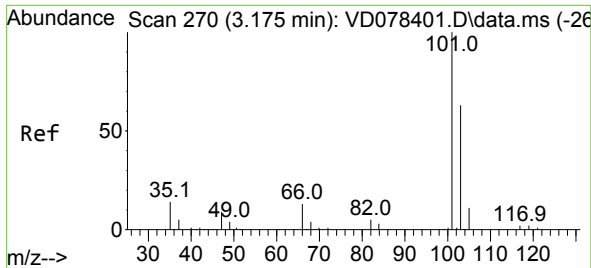
Tgt Ion: 94 Resp: 64713
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 19.757 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 64 Resp: 69931
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

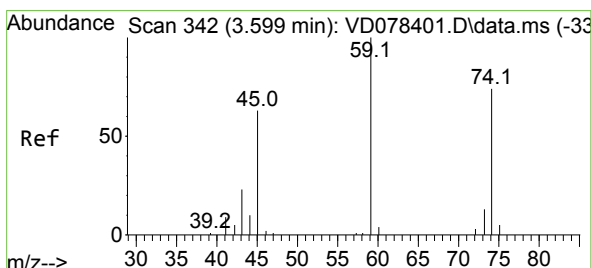
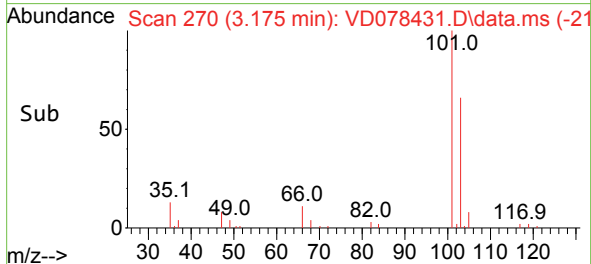
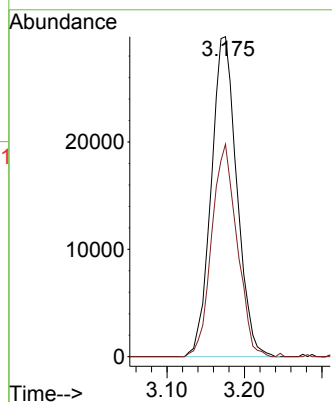
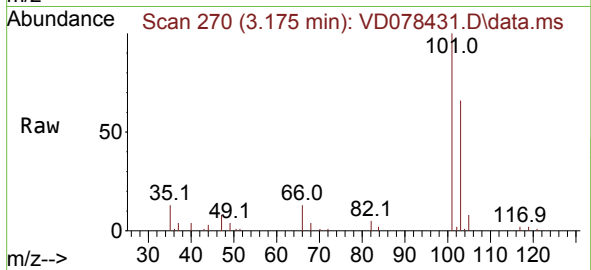




#7
Trichlorofluoromethane
Concen: 20.931 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

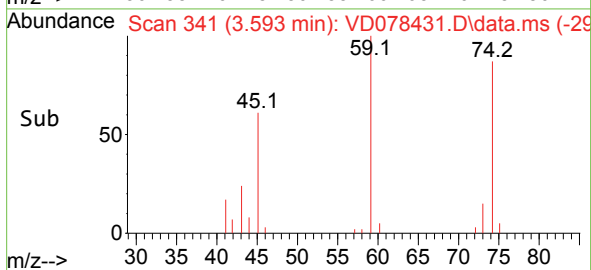
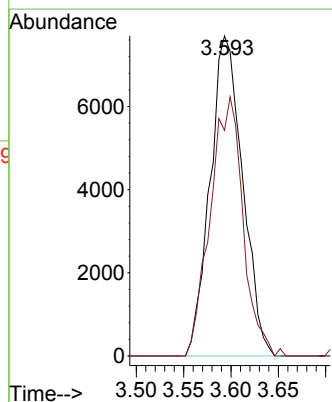
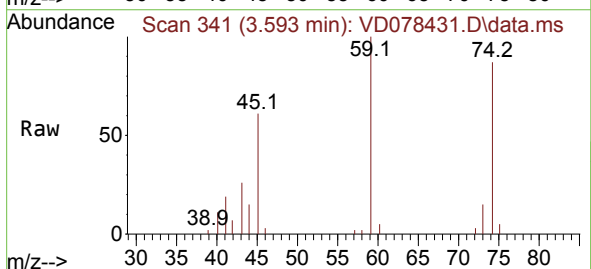
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

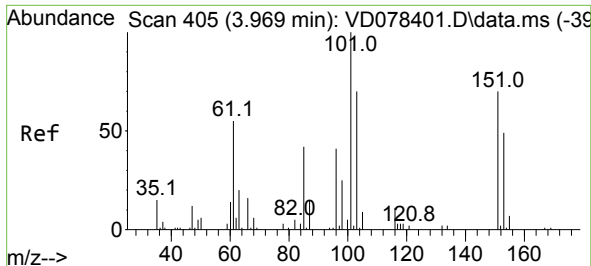
Tgt Ion:101 Resp: 68537
Ion Ratio Lower Upper
101 100
103 66.4 52.3 78.5



#8
Diethyl Ether
Concen: 19.494 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 74 Resp: 18386
Ion Ratio Lower Upper
74 100
45 81.2 37.5 112.7

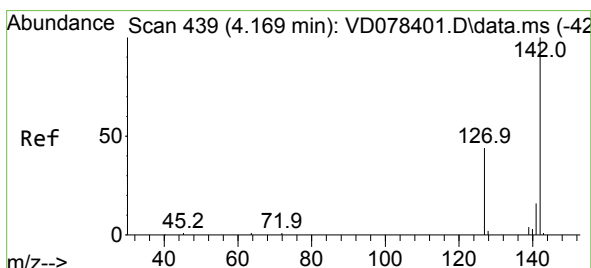
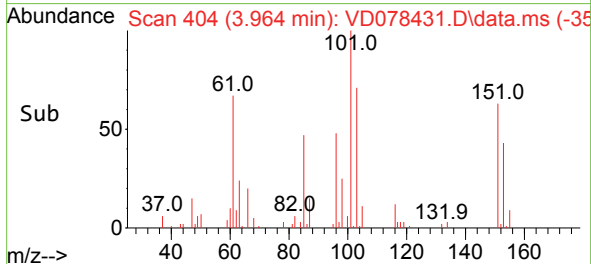
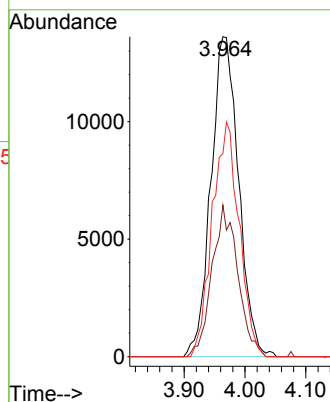
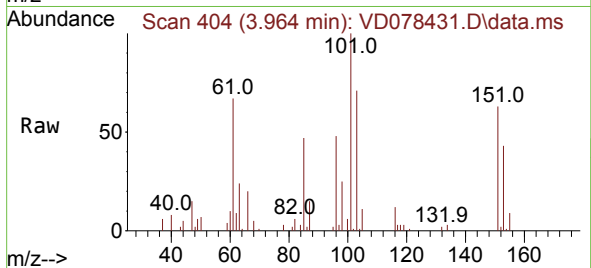




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.775 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

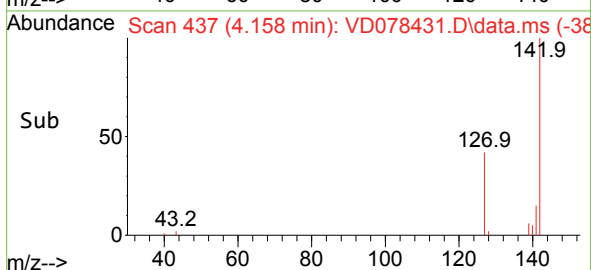
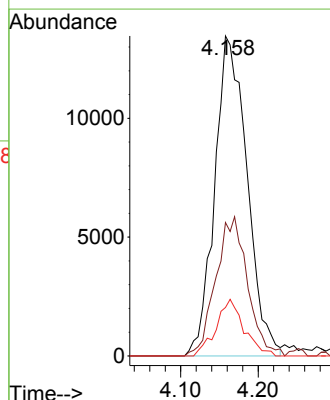
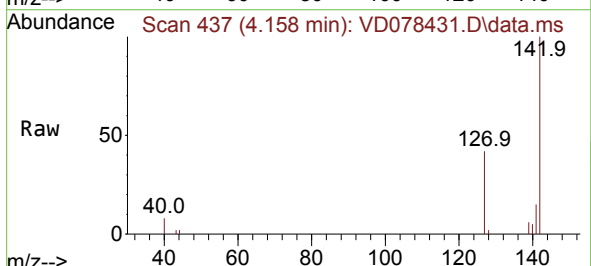
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

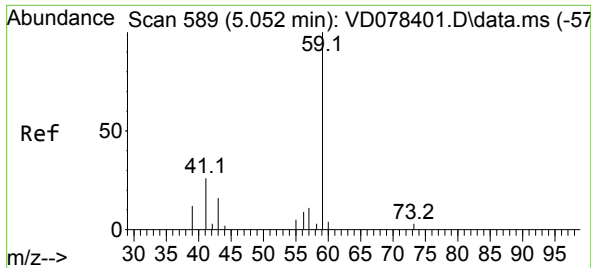
Tgt Ion:101 Resp: 42914
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 71.1 59.8 89.6



#10
Methyl Iodide
Concen: 21.131 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:142 Resp: 39095
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 15.3 11.1 16.7

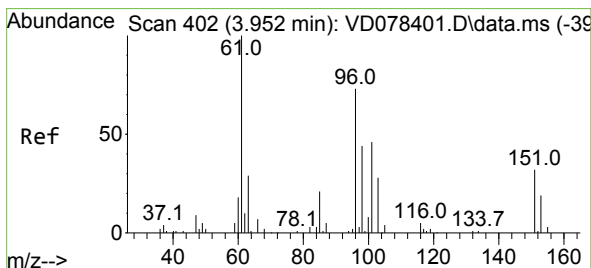
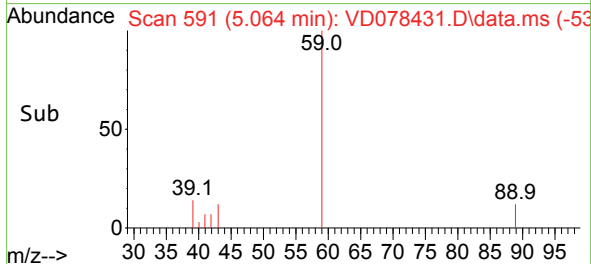
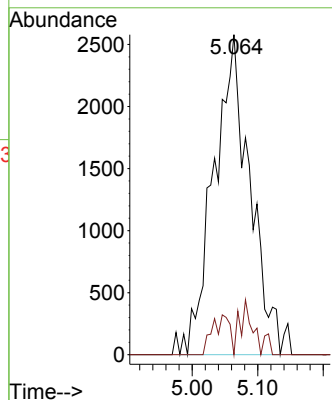
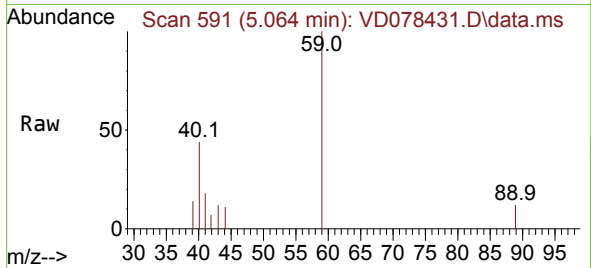




#11
Tert butyl alcohol
Concen: 91.621 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

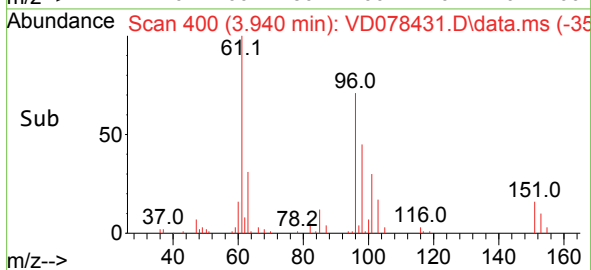
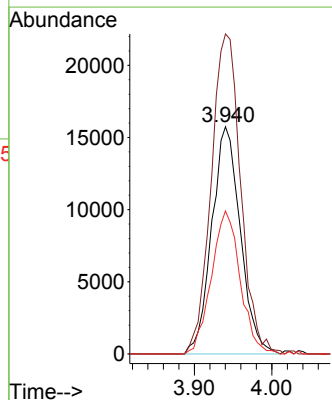
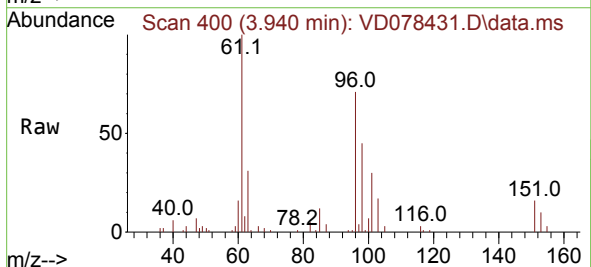
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

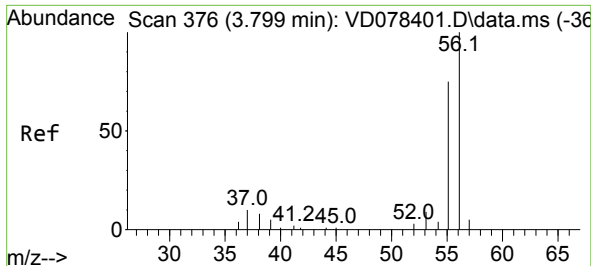
Tgt Ion: 59 Resp: 9801
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.091 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 96 Resp: 40392
Ion Ratio Lower Upper
96 100
61 140.9 100.6 150.8
98 63.0 50.2 75.2





#13

Acrolein

Concen: 76.994 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

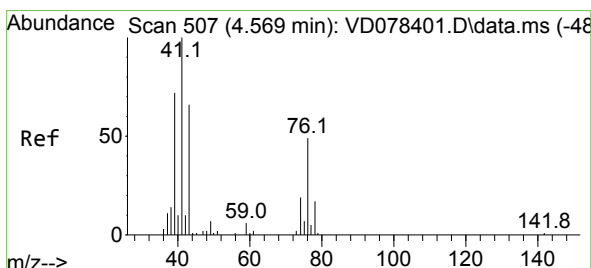
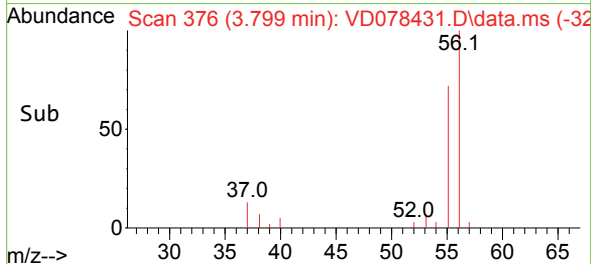
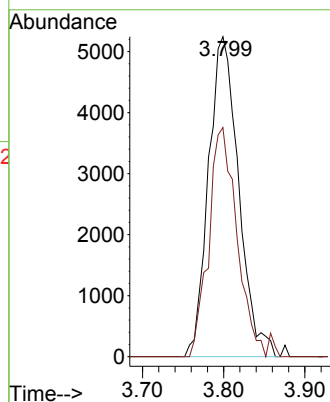
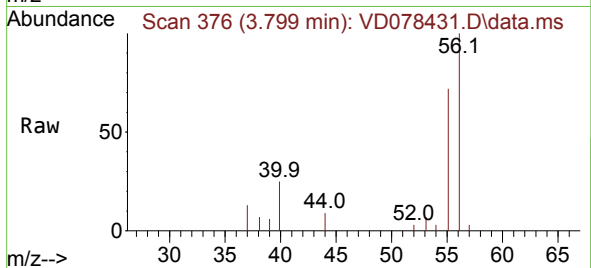
VD0215SBS01

Tgt Ion: 56 Resp: 13511

Ion Ratio Lower Upper

56 100

55 66.8 55.1 82.7



#14

Allyl chloride

Concen: 19.736 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

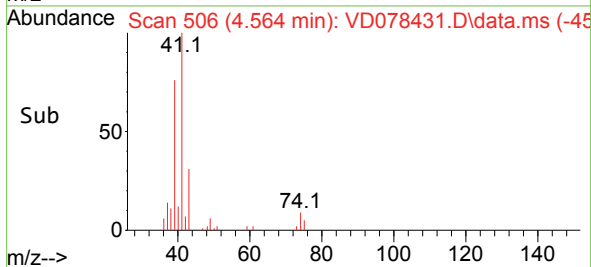
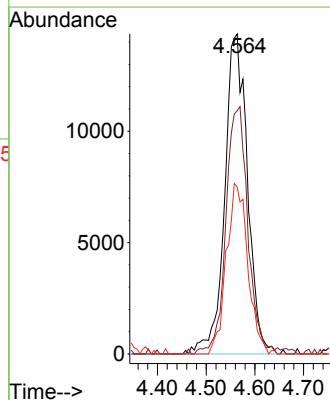
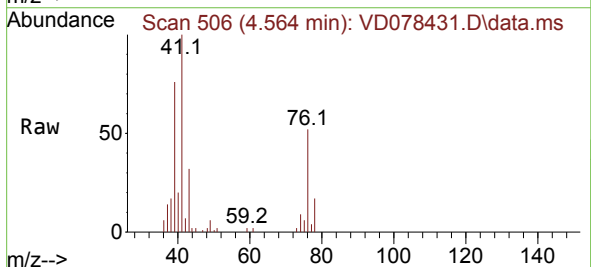
Tgt Ion: 41 Resp: 46693

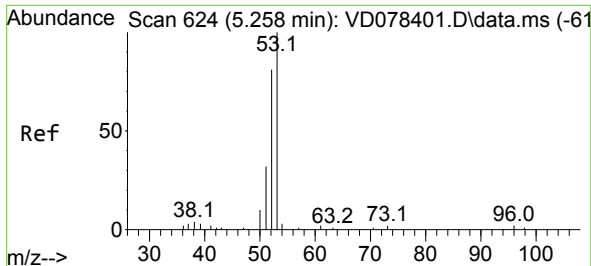
Ion Ratio Lower Upper

41 100

39 75.0 53.8 80.6

76 50.2 45.8 68.8

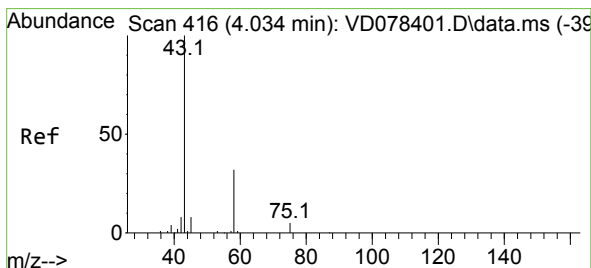
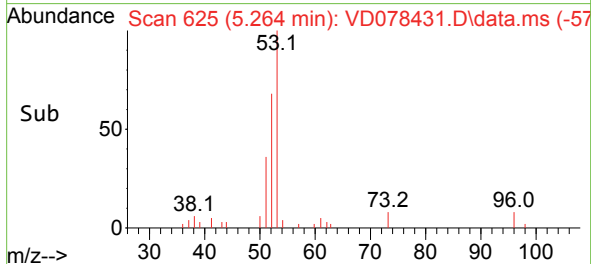
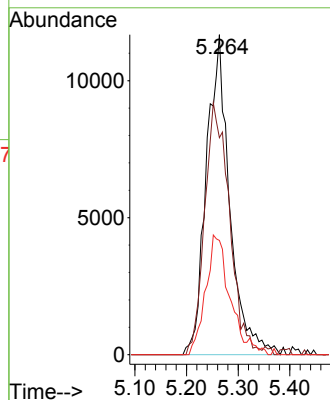
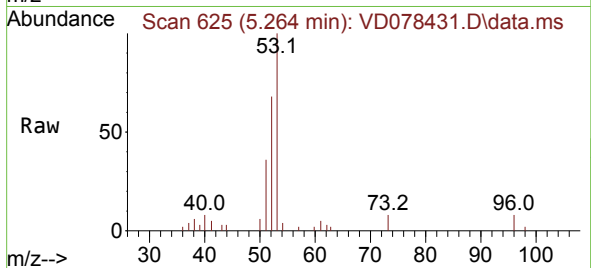




#15
Acrylonitrile
Concen: 90.619 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

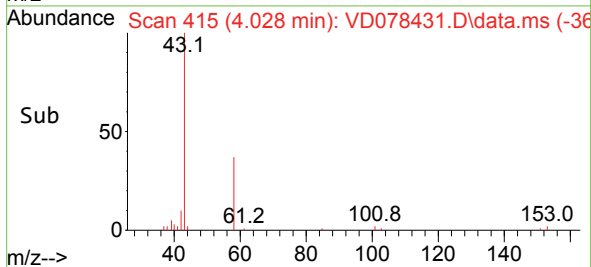
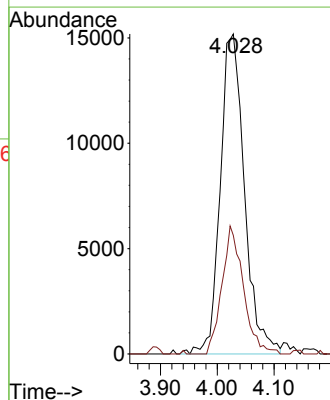
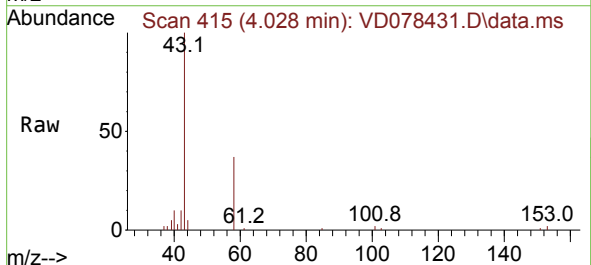
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

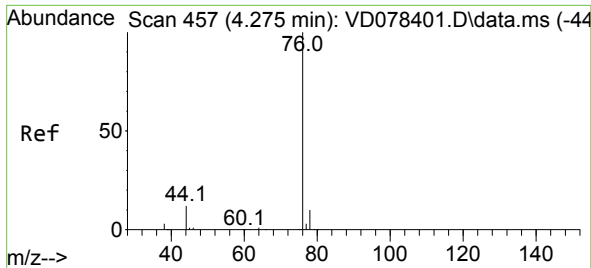
Tgt Ion: 53 Resp: 36587
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 39.3 28.3 42.5



#16
Acetone
Concen: 107.557 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 43 Resp: 44986
Ion Ratio Lower Upper
43 100
58 37.1 34.7 52.1

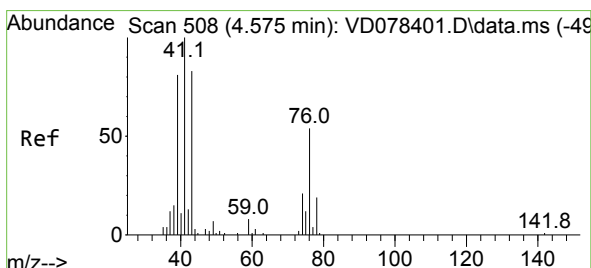
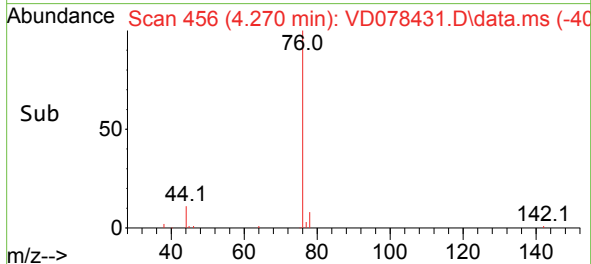
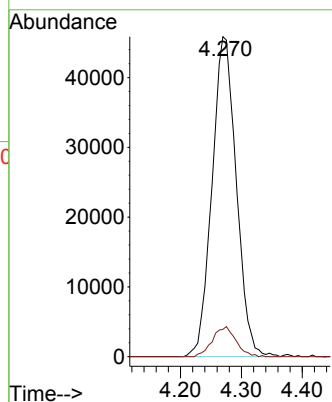
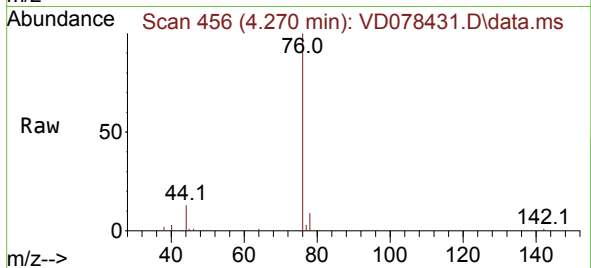




#17
Carbon Disulfide
Concen: 19.716 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

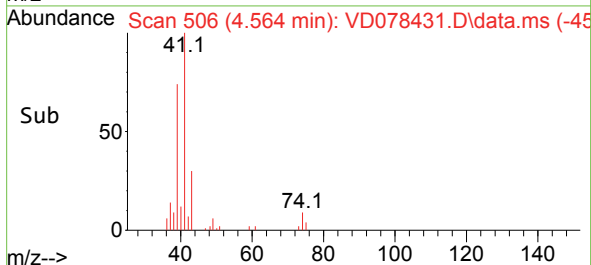
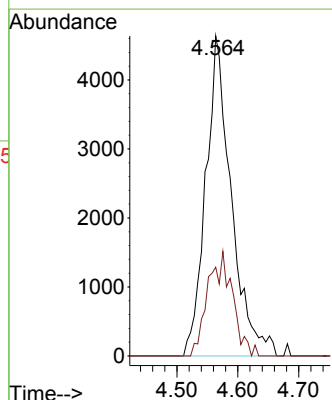
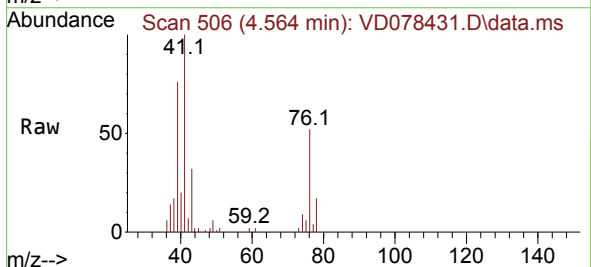
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

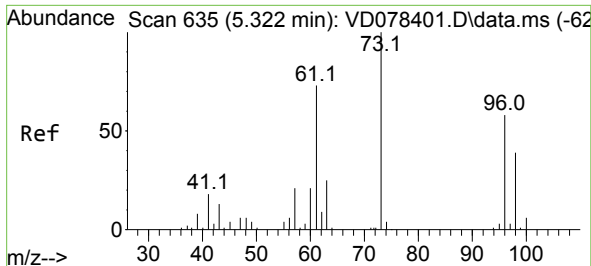
Tgt Ion: 76 Resp: 127056
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 13.223 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 43 Resp: 13598
Ion Ratio Lower Upper
43 100
74 16.2 26.4 39.6#

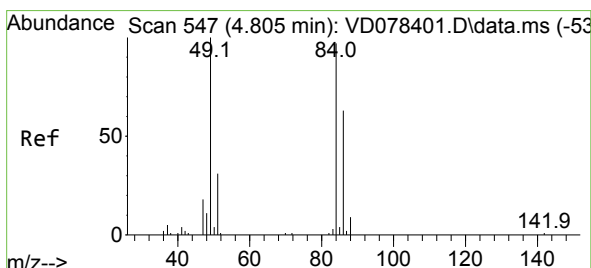
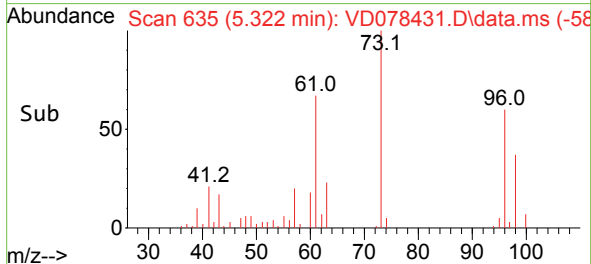
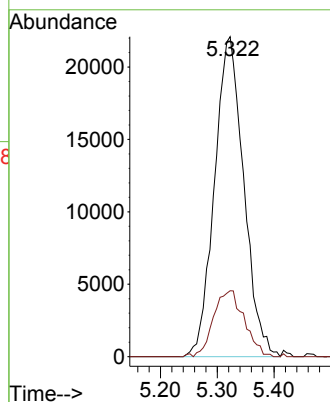
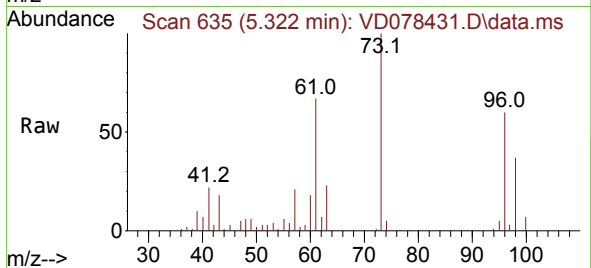




#19
Methyl tert-butyl Ether
Concen: 19.393 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

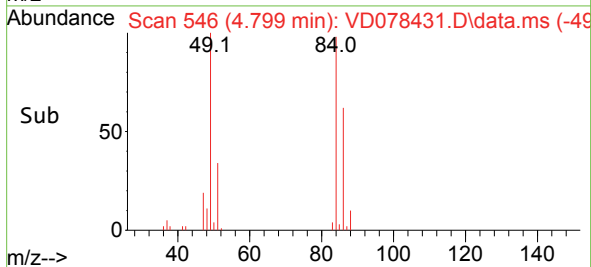
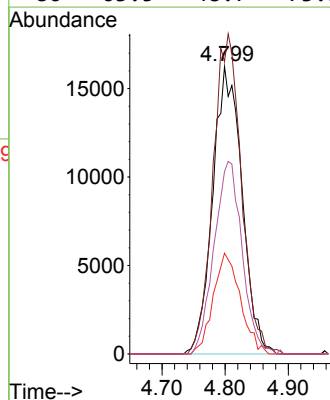
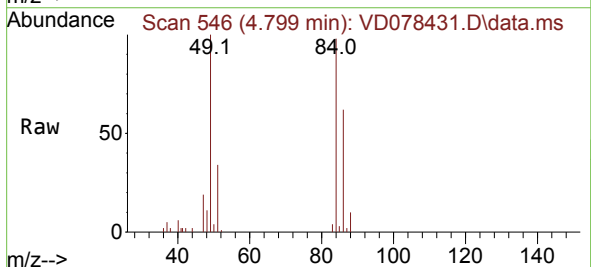
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

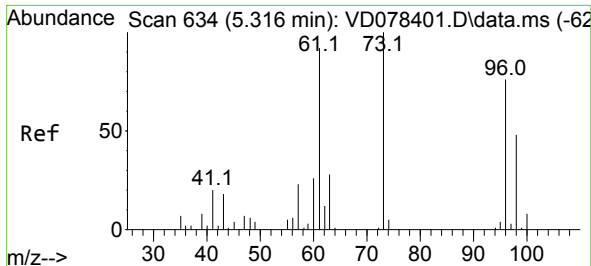
Tgt Ion: 73 Resp: 78908
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 22.587 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 84 Resp: 52247
Ion Ratio Lower Upper
84 100
49 101.7 71.4 107.2
51 35.0 24.5 36.7
86 63.5 48.7 73.1

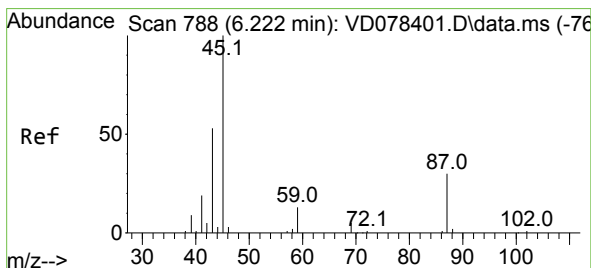
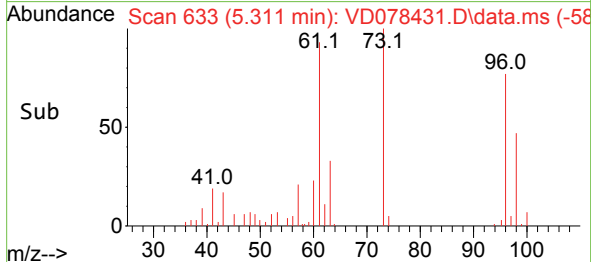
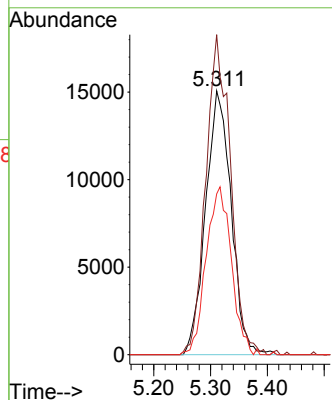
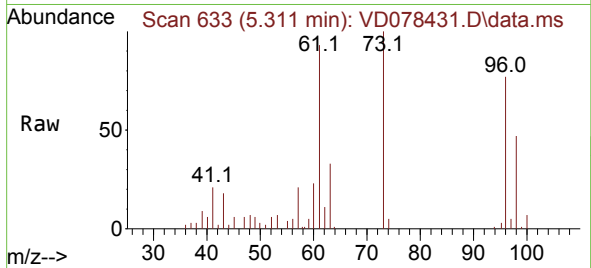




#21
trans-1,2-Dichloroethene
Concen: 20.916 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

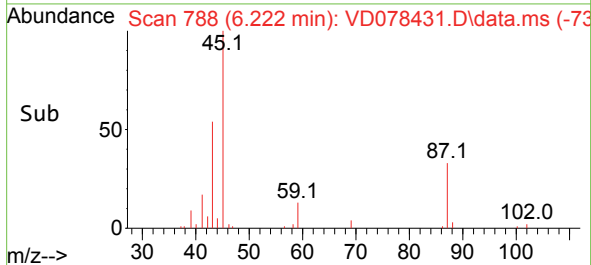
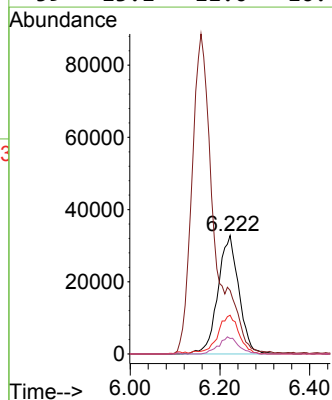
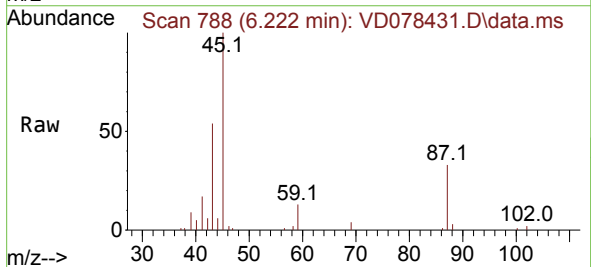
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

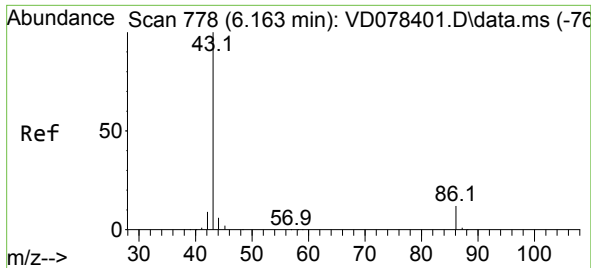
Tgt Ion: 96 Resp: 47124
Ion Ratio Lower Upper
96 100
61 121.3 89.3 133.9
98 61.0 48.6 73.0



#22
Diisopropyl ether
Concen: 20.442 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 45 Resp: 106595
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 32.7 28.2 42.4
59 13.1 11.0 16.4

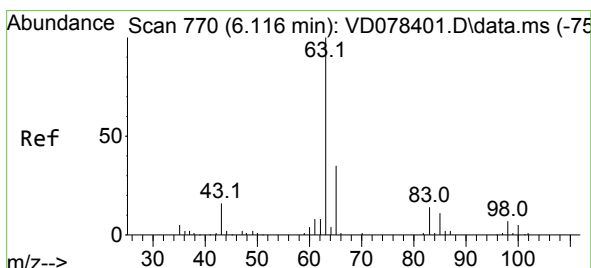
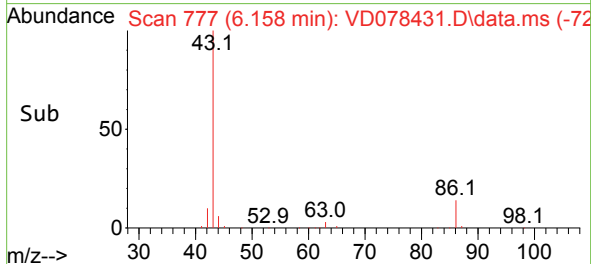
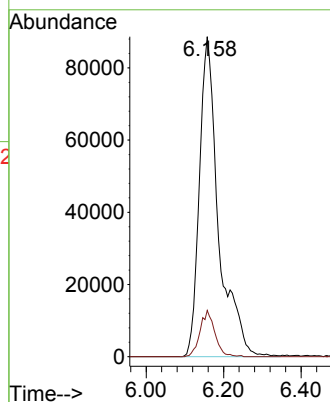
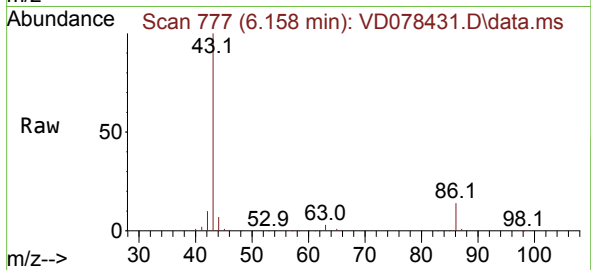




#23
 Vinyl Acetate
 Concen: 136.285 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

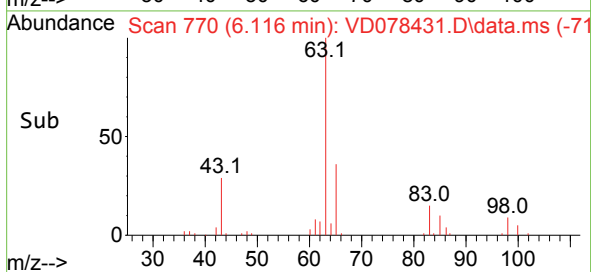
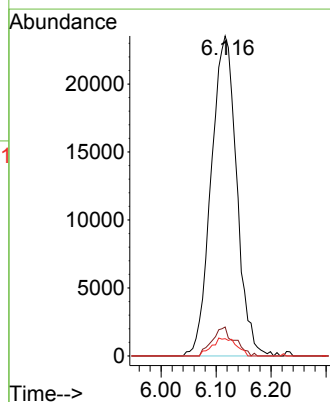
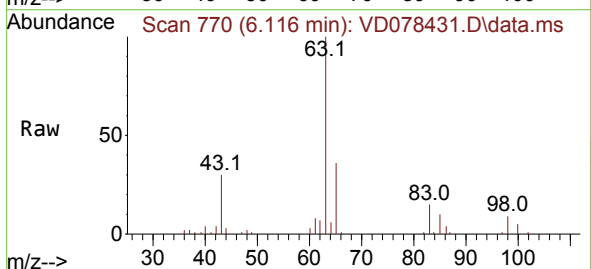
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

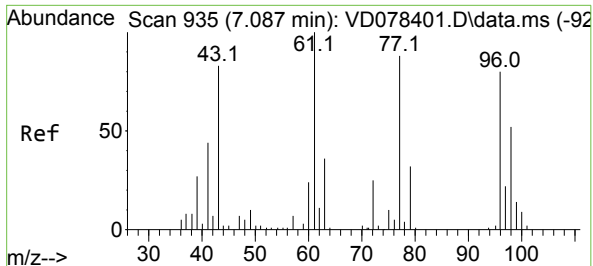
Tgt Ion: 43 Resp: 304894
 Ion Ratio Lower Upper
 43 100
 86 14.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.544 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

Tgt Ion: 63 Resp: 75889
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 98.930 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

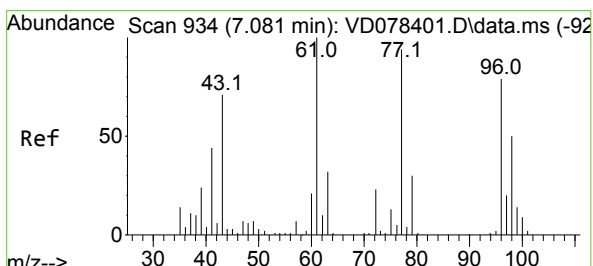
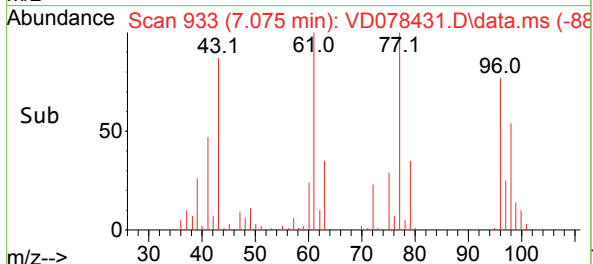
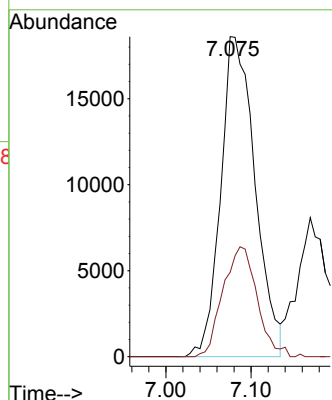
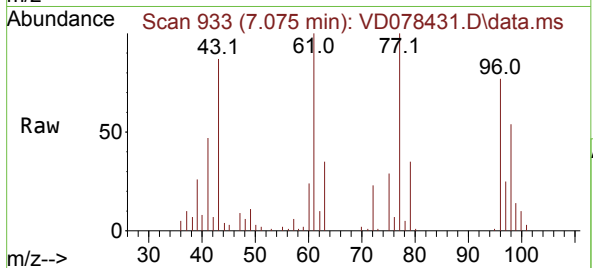
VD0215SBS01

Tgt Ion: 43 Resp: 52177

Ion Ratio Lower Upper

43 100

72 26.3 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.734 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078431.D

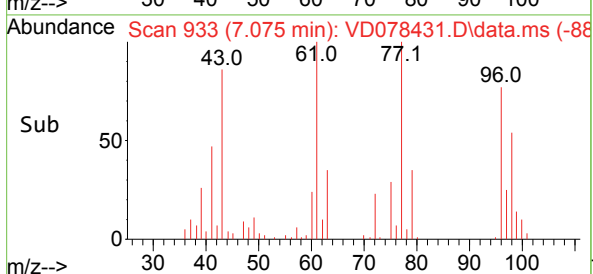
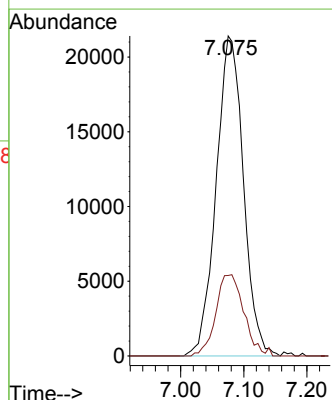
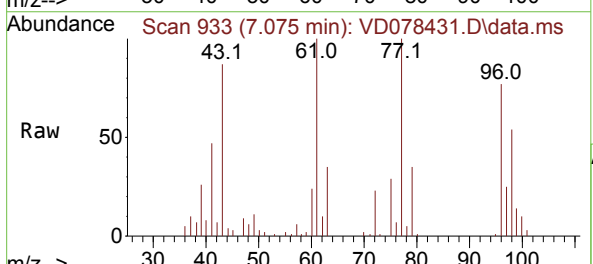
Acq: 15 Feb 2024 12:37

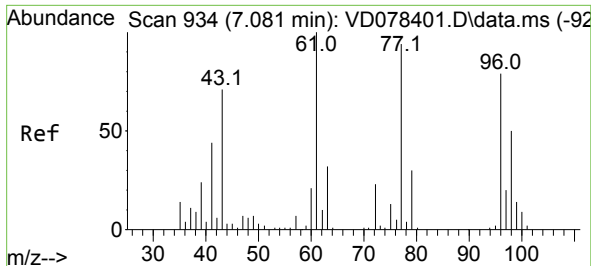
Tgt Ion: 77 Resp: 64206

Ion Ratio Lower Upper

77 100

97 26.2 13.2 39.6



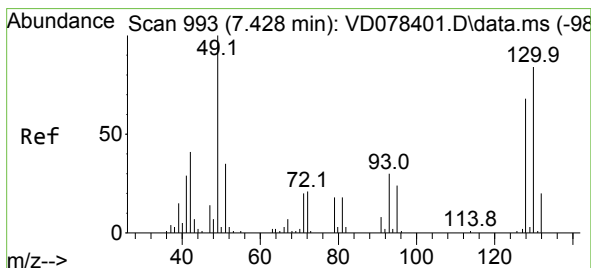
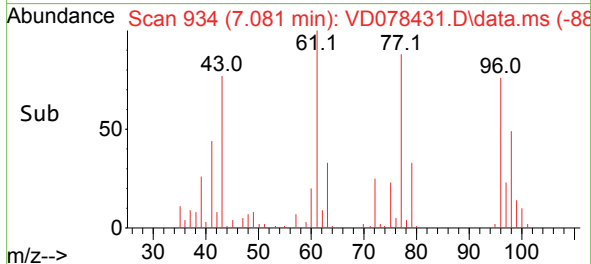
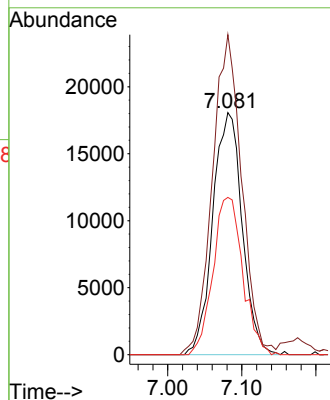
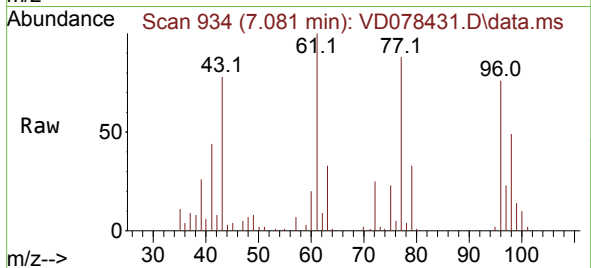


#27
 cis-1,2-Dichloroethene
 Concen: 20.114 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Tgt Ion: 96 Resp: 49718

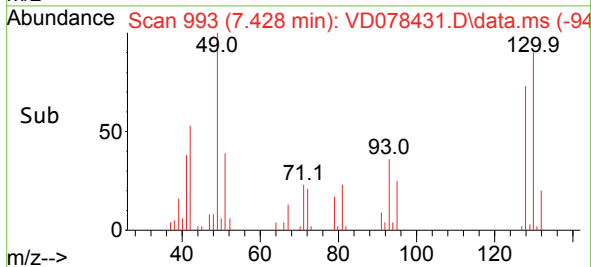
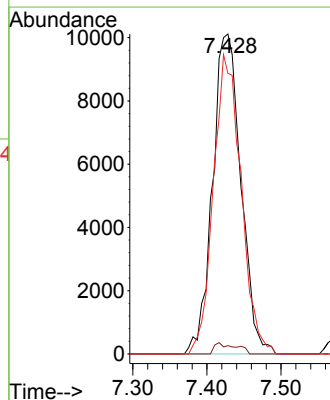
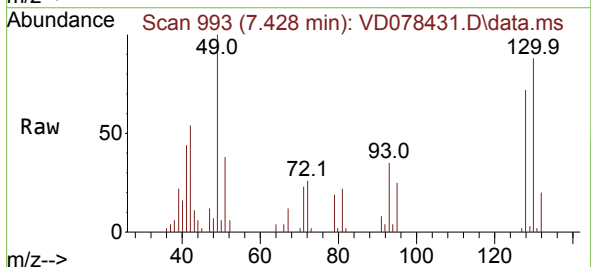
Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	239.2
98	65.8	0.0	128.6

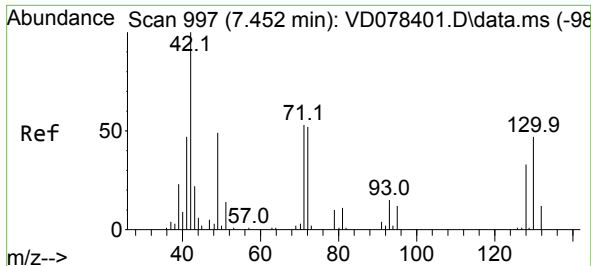


#28
 Bromochloromethane
 Concen: 18.374 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

Tgt Ion: 49 Resp: 26884

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	91.4	83.2	124.8





#29

Tetrahydrofuran

Concen: 95.838 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

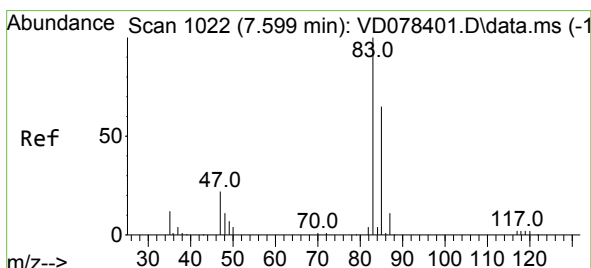
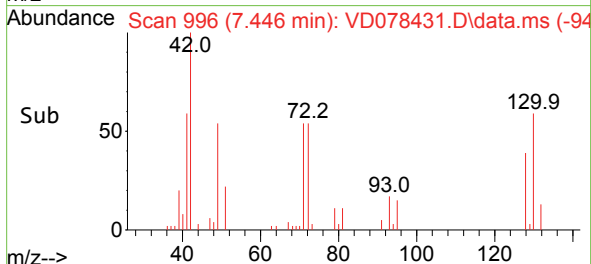
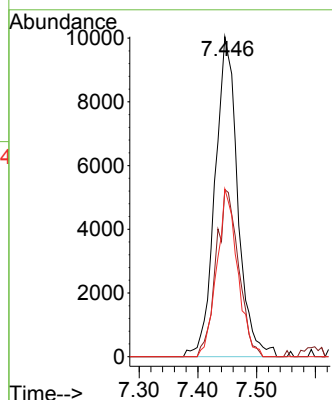
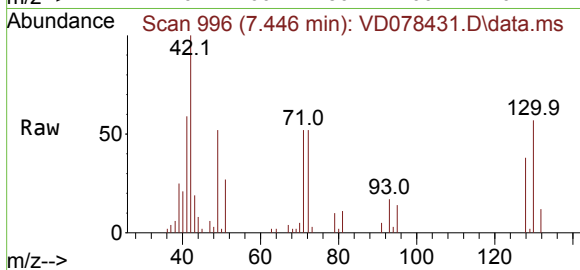
Tgt Ion: 42 Resp: 27073

Ion Ratio Lower Upper

42 100

72 51.8 46.5 69.7

71 47.7 44.5 66.7



#30

Chloroform

Concen: 20.973 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078431.D

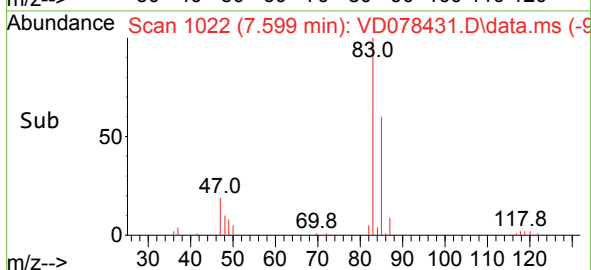
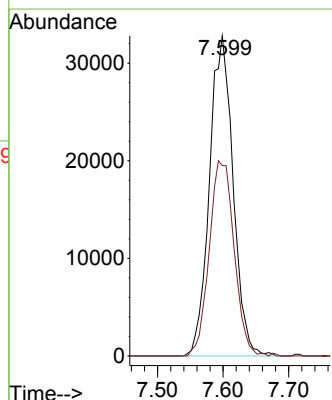
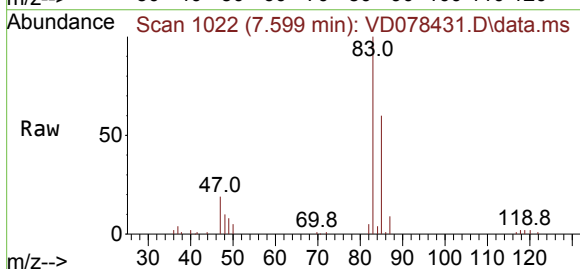
Acq: 15 Feb 2024 12:37

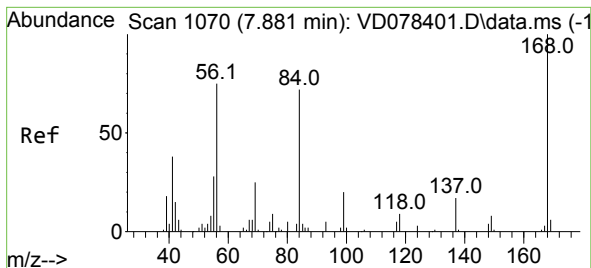
Tgt Ion: 83 Resp: 81972

Ion Ratio Lower Upper

83 100

85 59.5 53.4 80.2





#31

Cyclohexane

Concen: 19.650 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

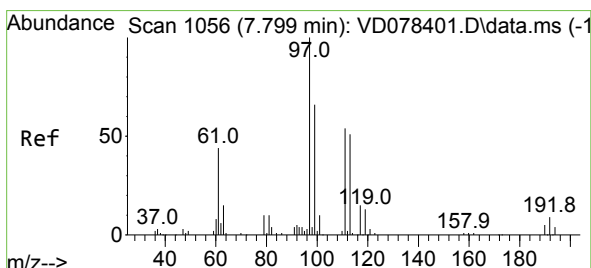
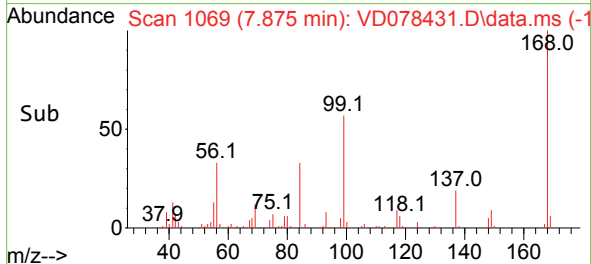
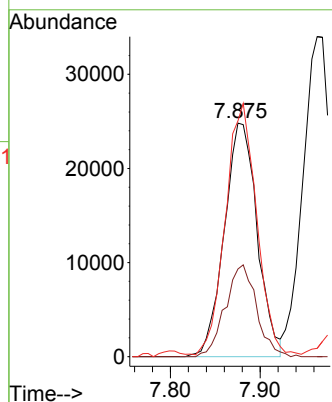
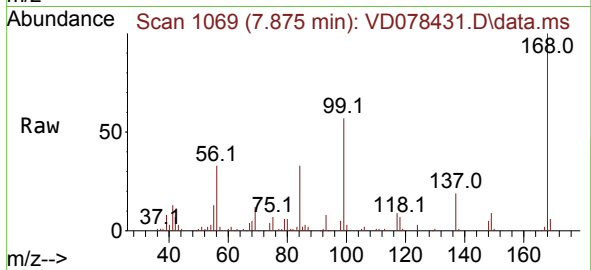
Tgt Ion: 56 Resp: 63141

Ion Ratio Lower Upper

56 100

69 37.6 28.6 43.0

84 99.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.635 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

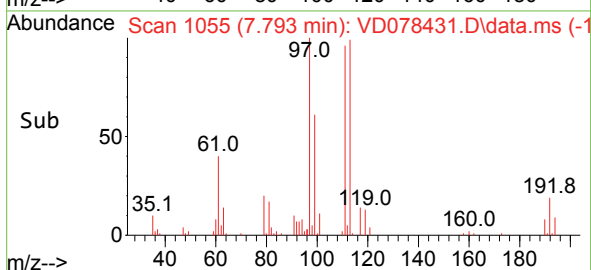
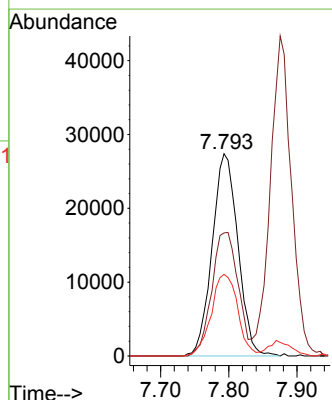
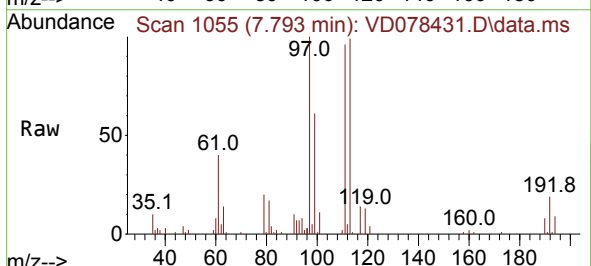
Tgt Ion: 97 Resp: 72093

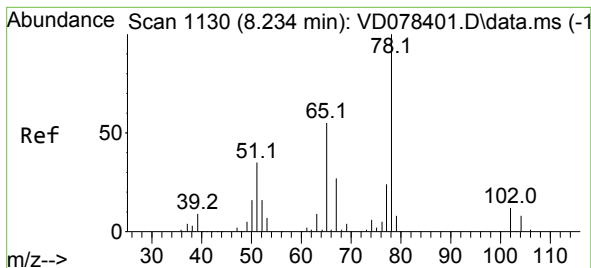
Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.983 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

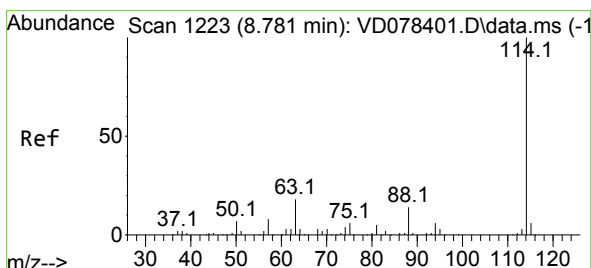
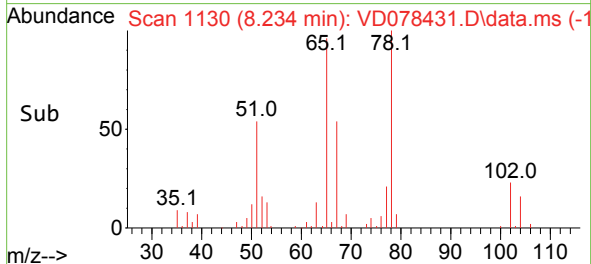
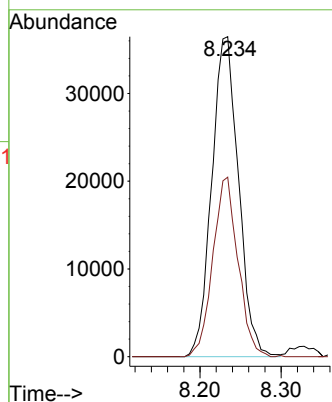
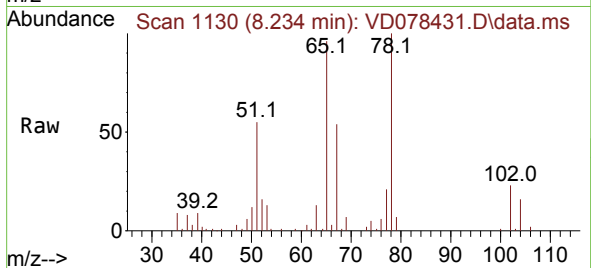
VD0215SBS01

Tgt Ion: 65 Resp: 83546

Ion Ratio Lower Upper

65 100

67 52.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

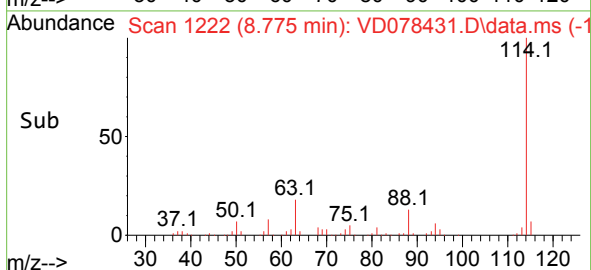
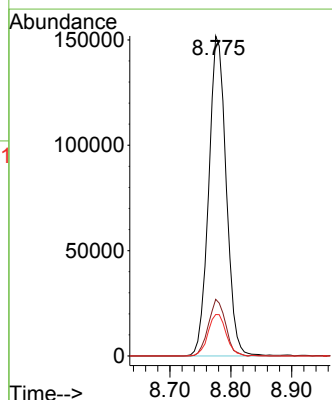
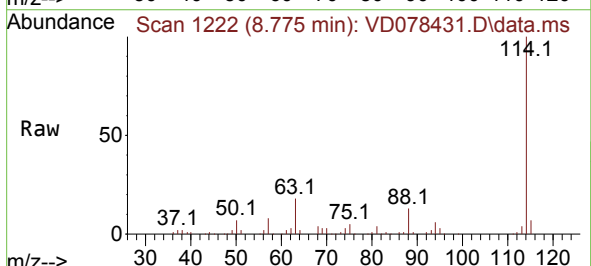
Tgt Ion:114 Resp: 303198

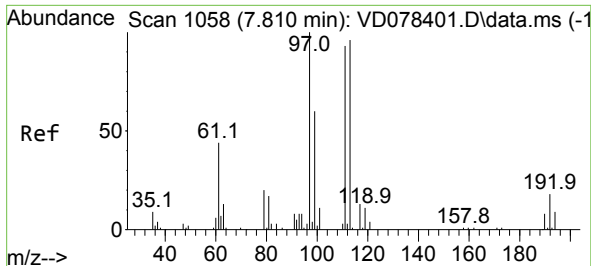
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.393 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

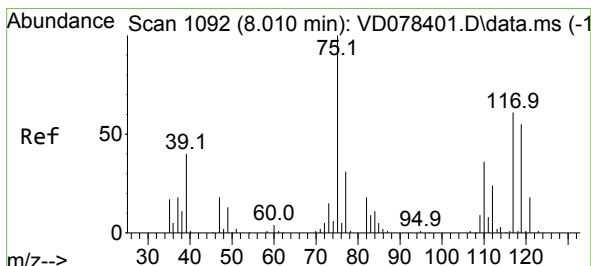
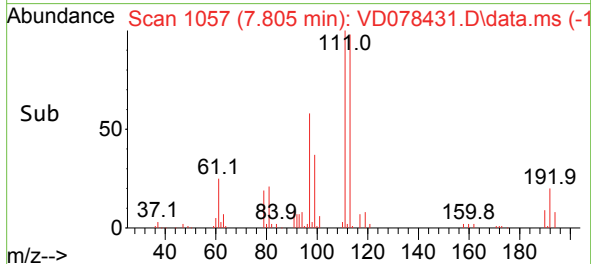
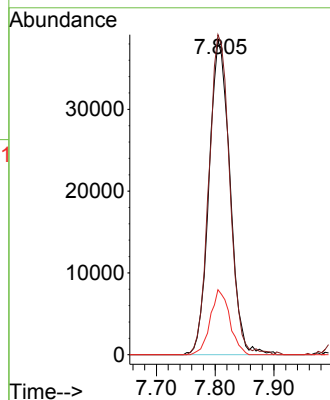
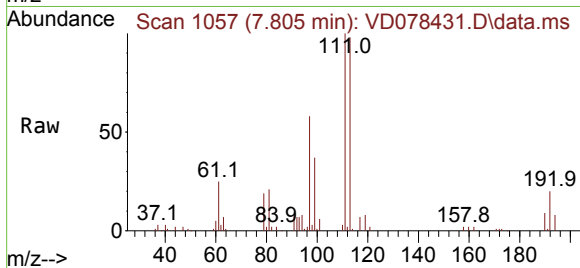
Tgt Ion:113 Resp: 95130

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 19.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.277 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

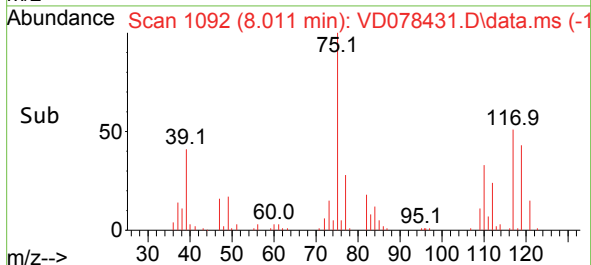
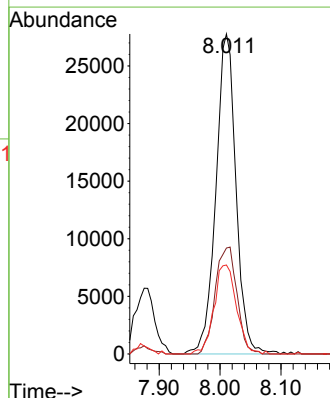
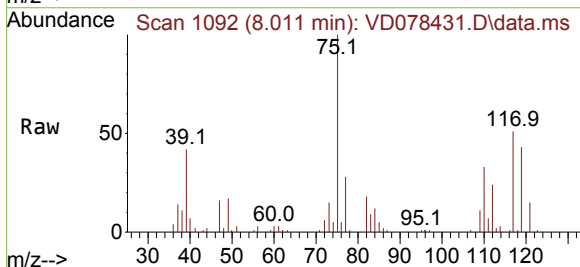
Tgt Ion: 75 Resp: 63661

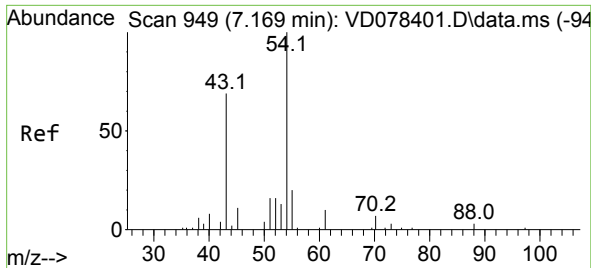
Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 31.2 24.7 37.1

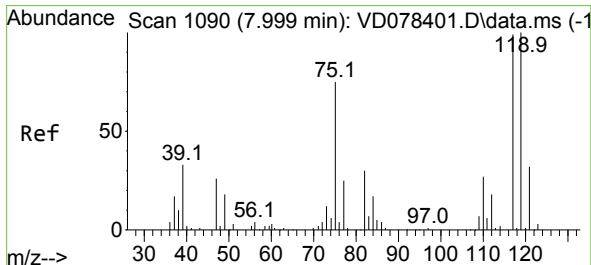
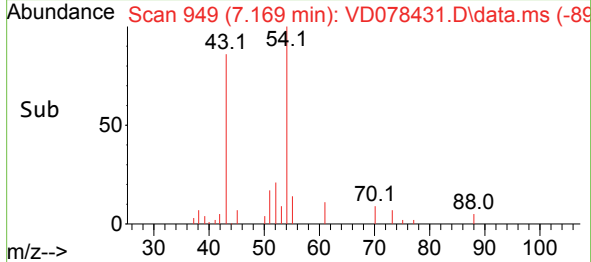
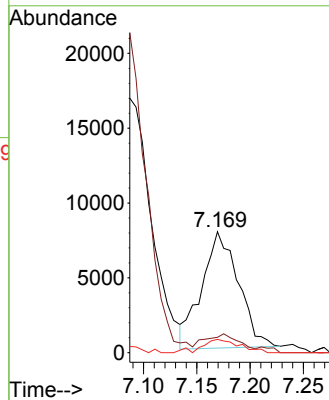
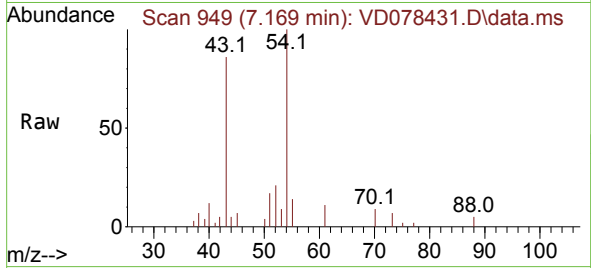




#37
Ethyl Acetate
Concen: 17.778 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

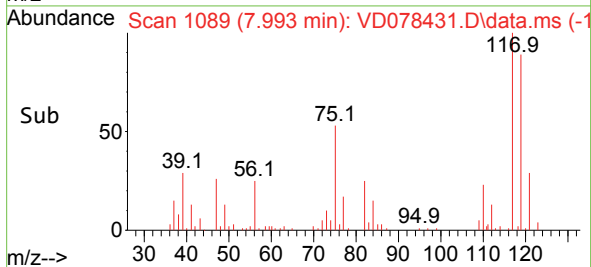
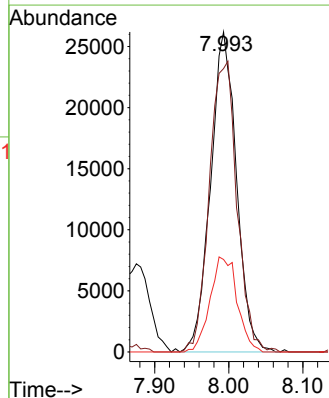
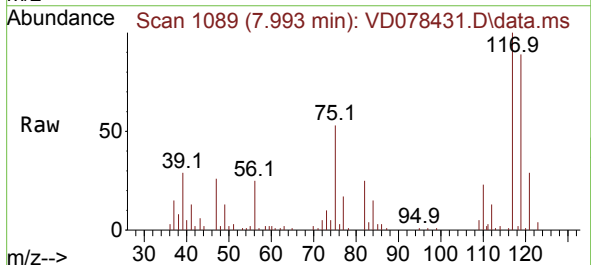
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

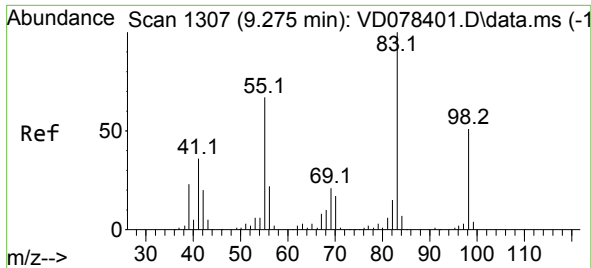
Tgt Ion: 43 Resp: 18646
Ion Ratio Lower Upper
43 100
61 11.2 14.9 22.3#
70 10.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.455 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 117 Resp: 63572
Ion Ratio Lower Upper
117 100
119 88.5 78.0 117.0
121 28.9 24.2 36.2

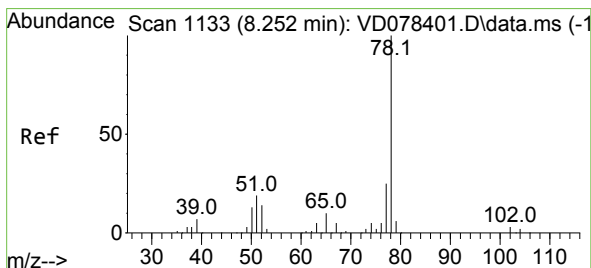
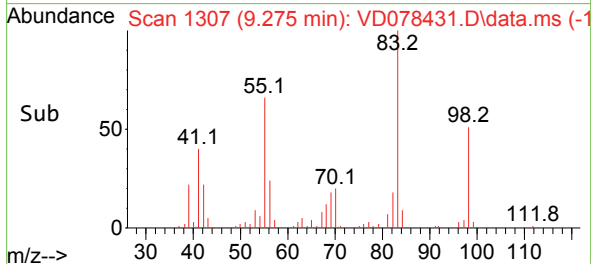
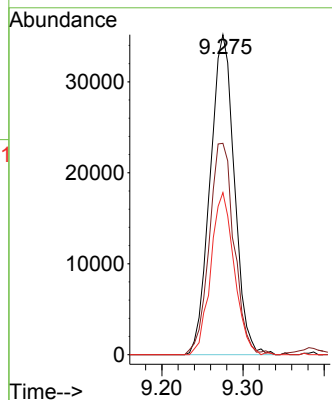
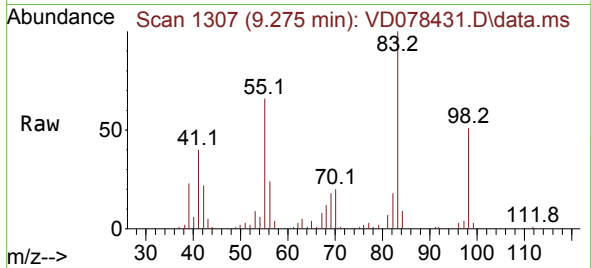




#39
Methylcyclohexane
Concen: 20.530 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

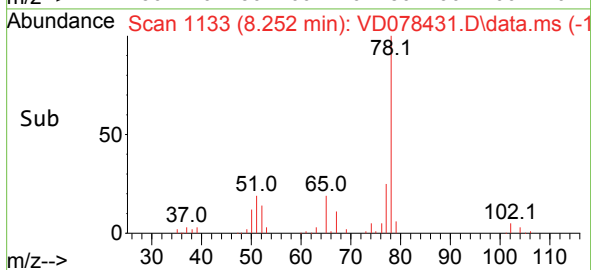
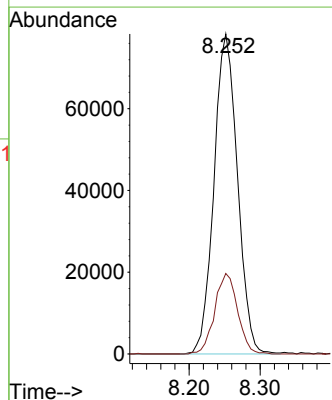
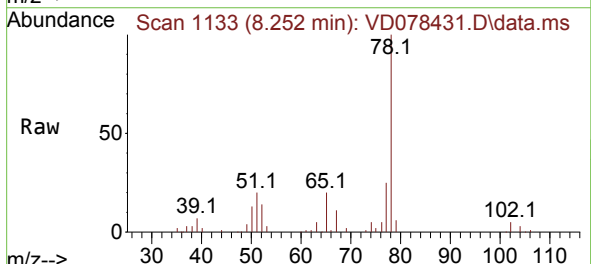
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

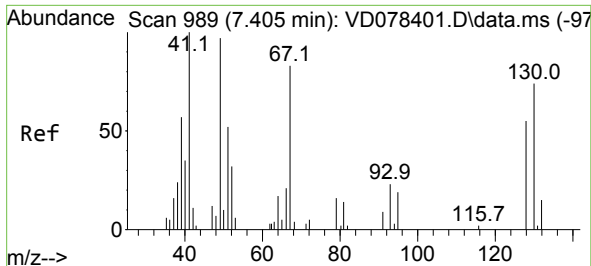
Tgt Ion: 83 Resp: 72920
Ion Ratio Lower Upper
83 100
55 66.1 49.4 74.0
98 50.6 38.4 57.6



#40
Benzene
Concen: 20.773 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 78 Resp: 179646
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0

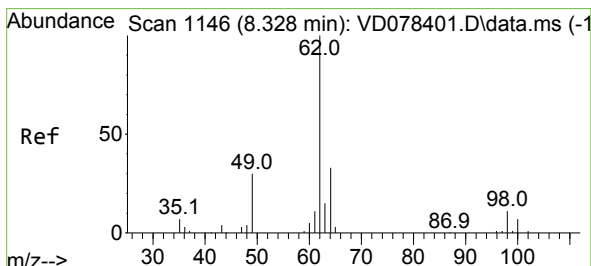
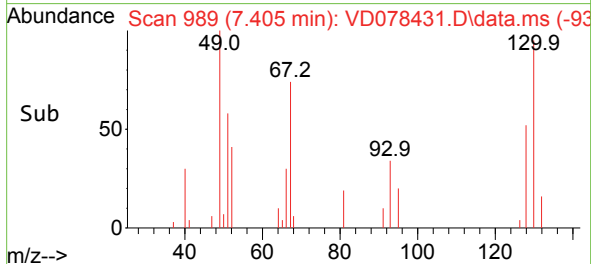
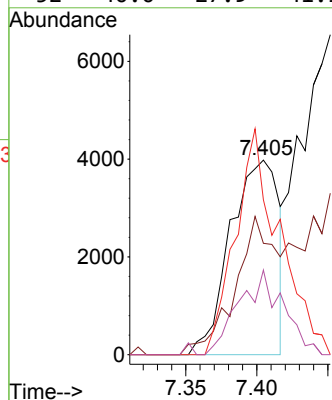
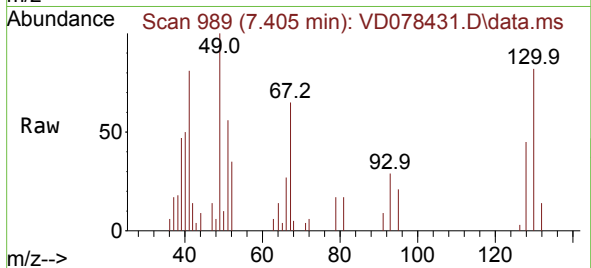




#41
Methacrylonitrile
Concen: 17.203 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

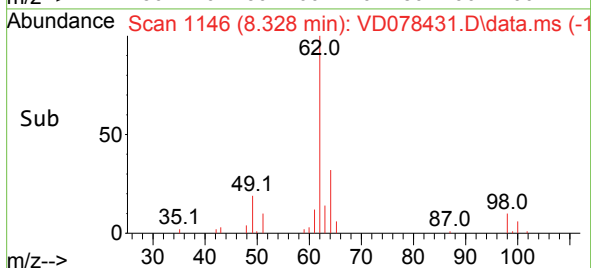
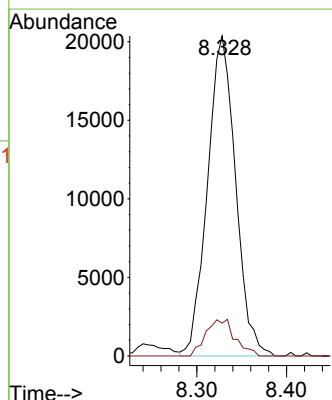
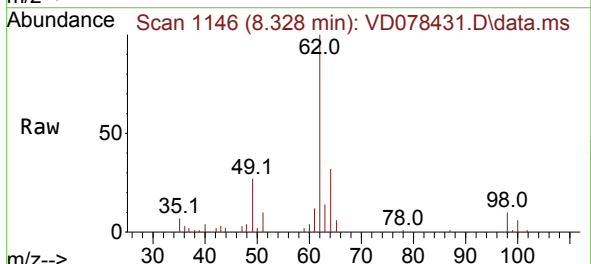
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

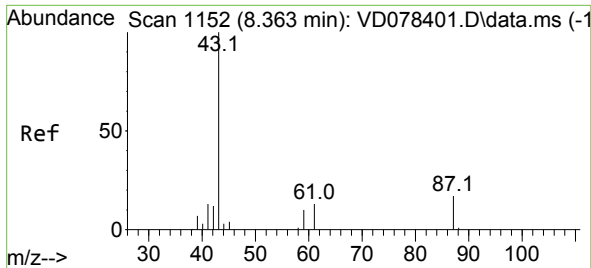
Tgt Ion: 41 Resp: 9390
Ion Ratio Lower Upper
41 100
39 60.1 34.0 51.0#
67 107.3 77.0 115.4
52 40.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.832 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 62 Resp: 44377
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4

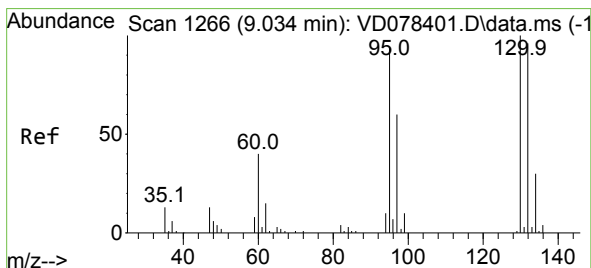
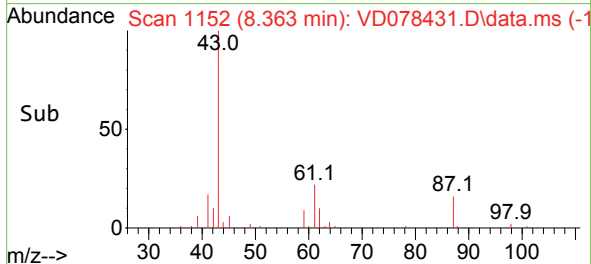
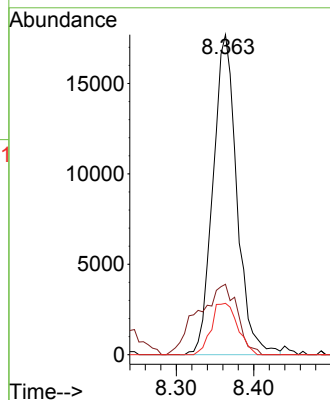
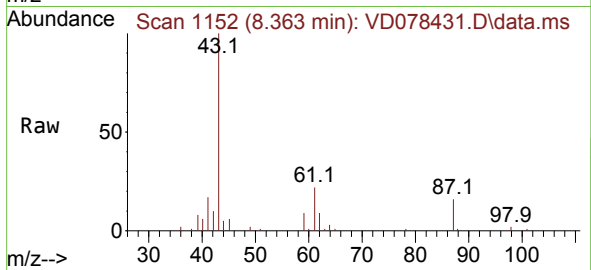




#43
Isopropyl Acetate
Concen: 19.429 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

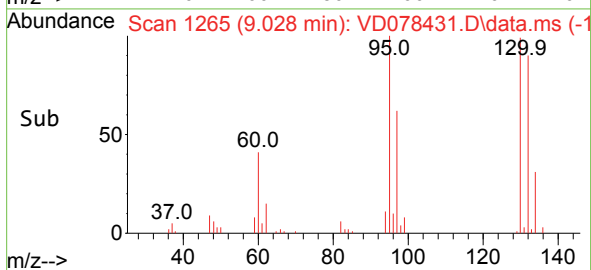
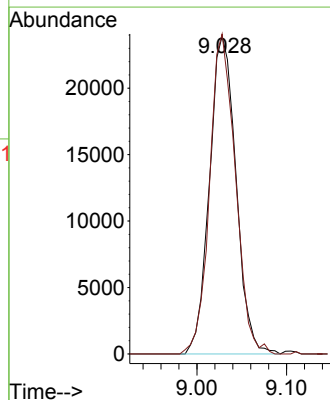
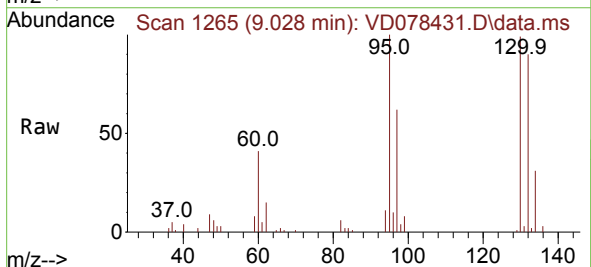
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

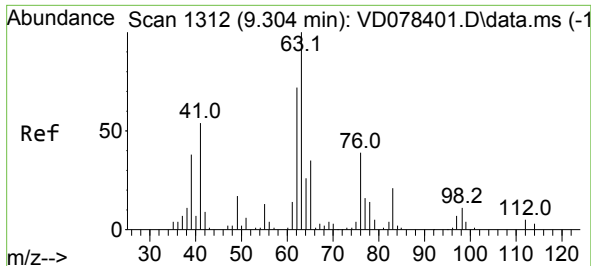
Tgt Ion: 43	Resp: 37733
Ion Ratio	Lower Upper
43 100	
61 36.1	31.4 47.0
87 17.8	14.9 22.3



#44
Trichloroethene
Concen: 22.198 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:130	Resp:	48974	
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.452 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

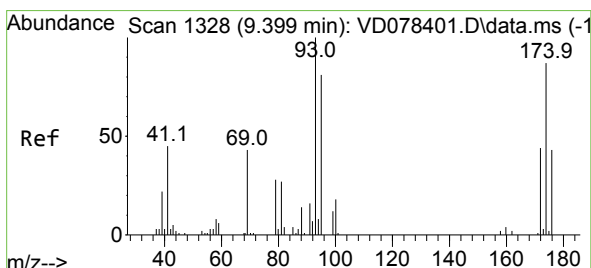
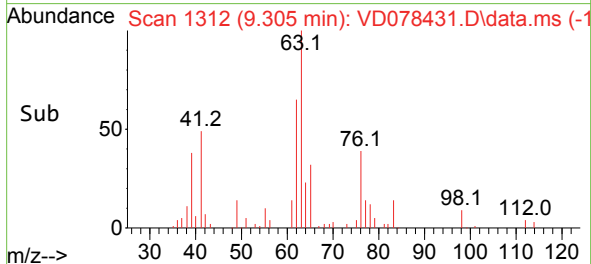
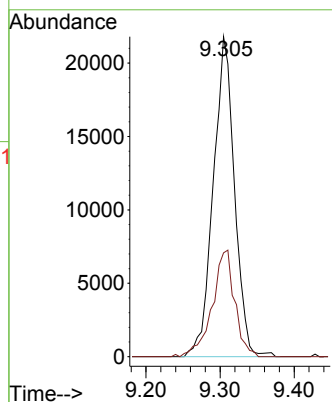
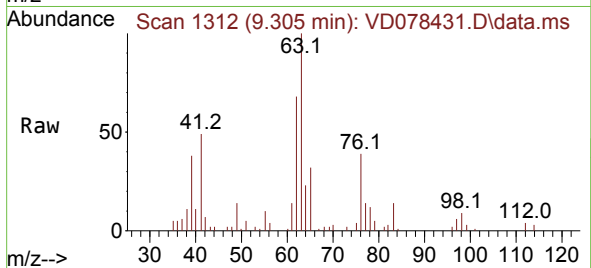
VD0215SBS01

Tgt Ion: 63 Resp: 43396

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 20.708 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

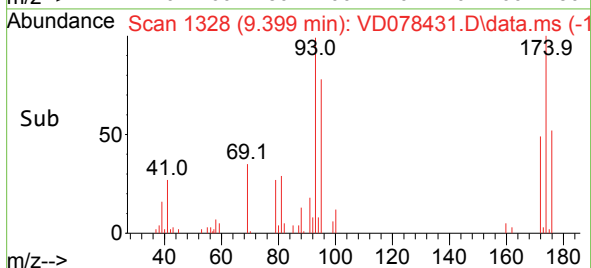
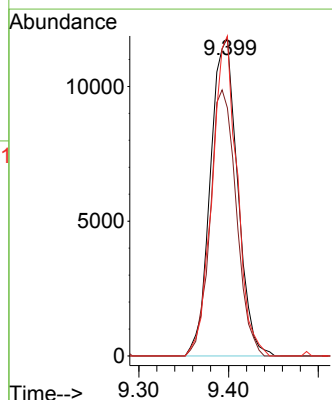
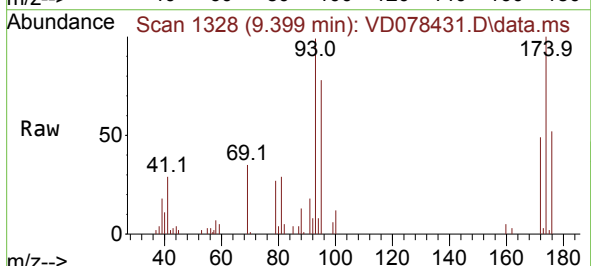
Tgt Ion: 93 Resp: 24714

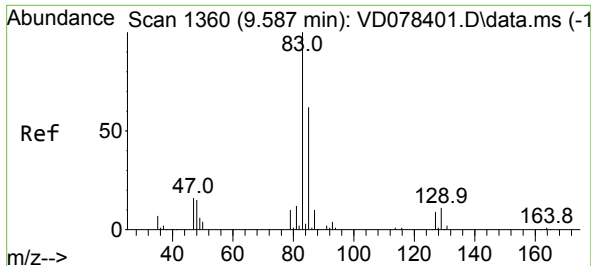
Ion Ratio Lower Upper

93 100

95 80.6 67.7 101.5

174 92.7 85.4 128.2

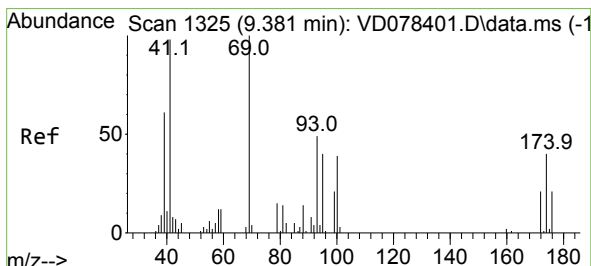
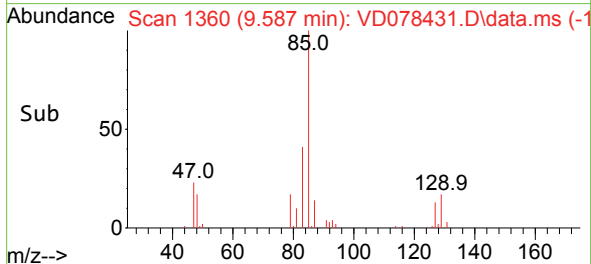
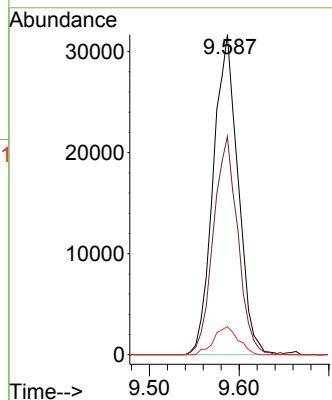
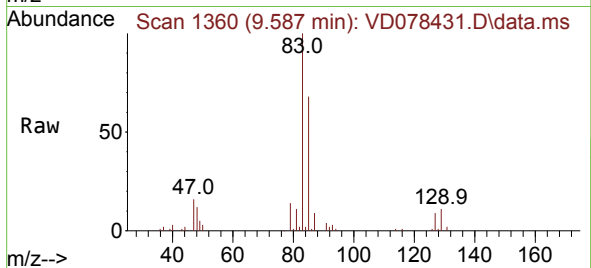




#47
Bromodichloromethane
Concen: 20.568 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

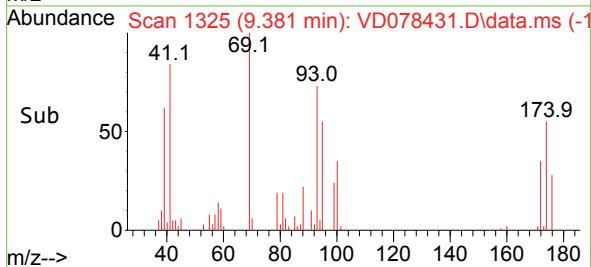
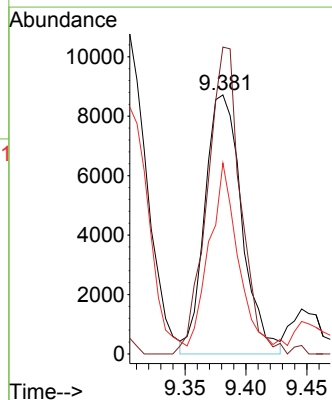
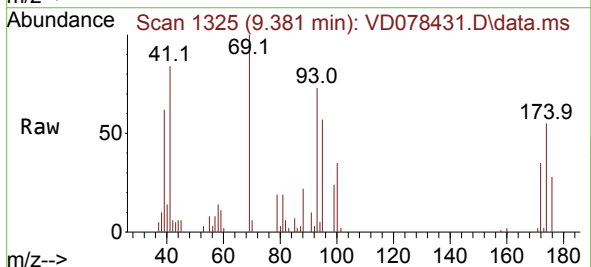
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

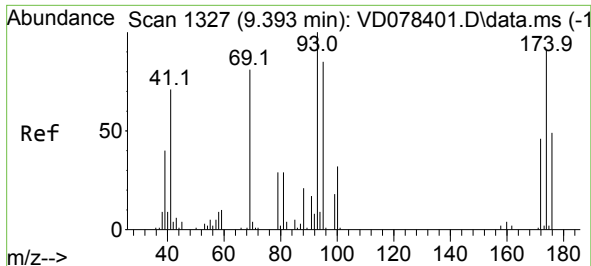
Tgt Ion: 83 Resp: 60801
Ion Ratio Lower Upper
83 100
85 68.2 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 17.938 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 41 Resp: 18483
Ion Ratio Lower Upper
41 100
69 107.1 102.2 153.2
39 53.6 41.4 62.2





#49

1,4-Dioxane

Concen: 380.973 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

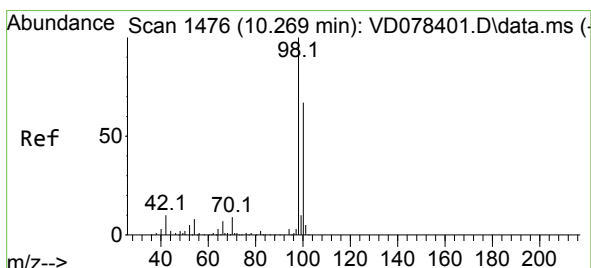
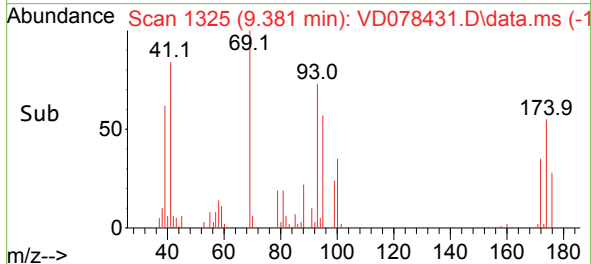
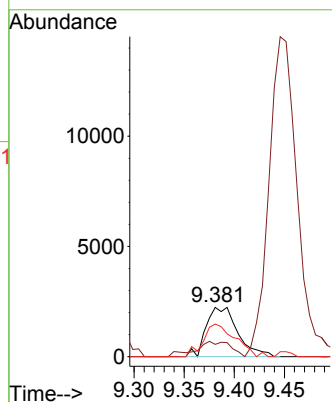
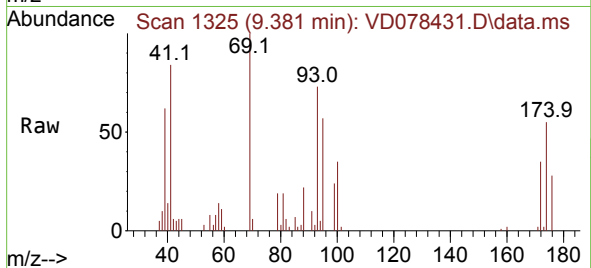
Tgt Ion: 88 Resp: 4924

Ion Ratio Lower Upper

88 100

43 29.8 19.0 28.6#

58 67.0 43.5 65.3#



#50

Toluene-d8

Concen: 47.900 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078431.D

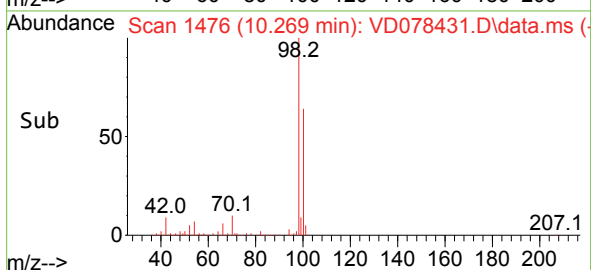
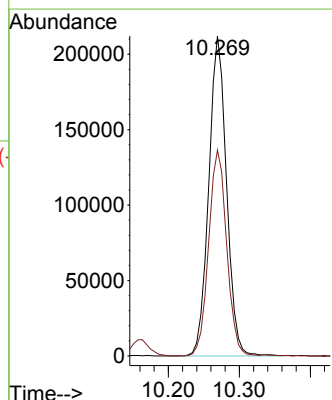
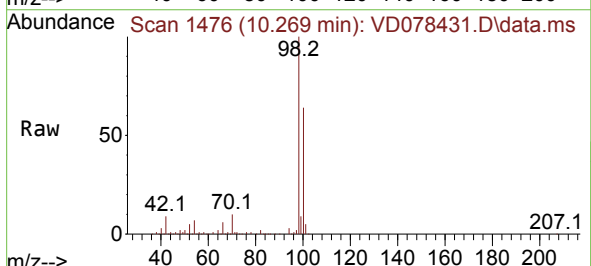
Acq: 15 Feb 2024 12:37

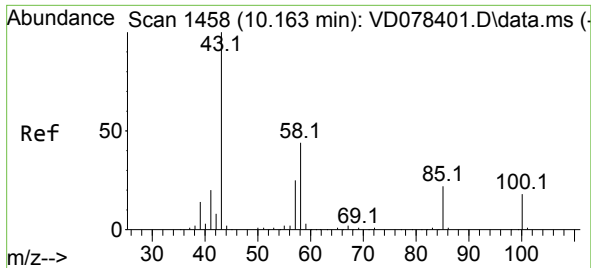
Tgt Ion: 98 Resp: 369038

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

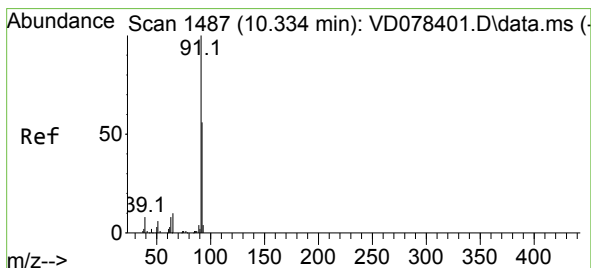
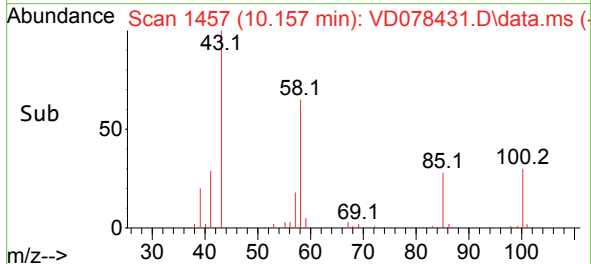
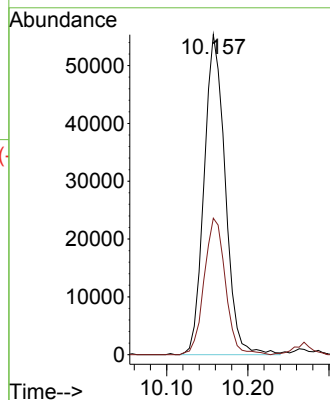
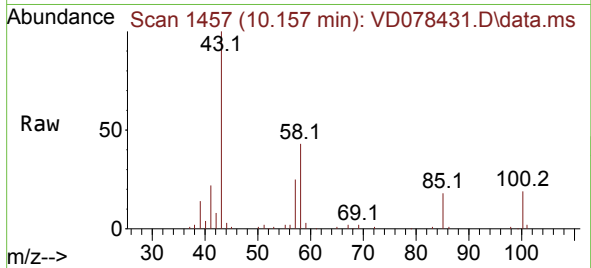




#51
4-Methyl-2-Pentanone
Concen: 97.114 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

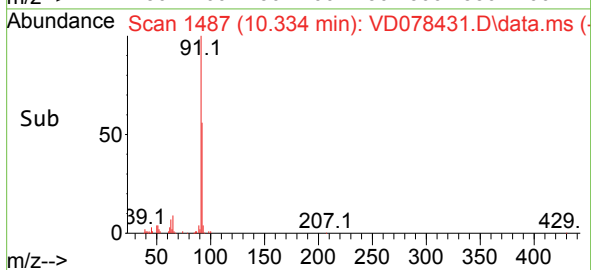
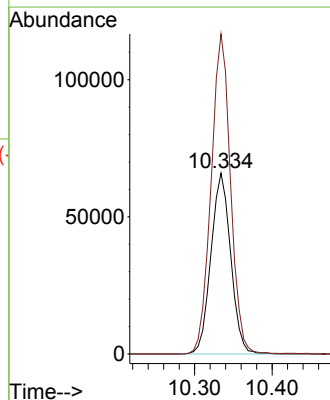
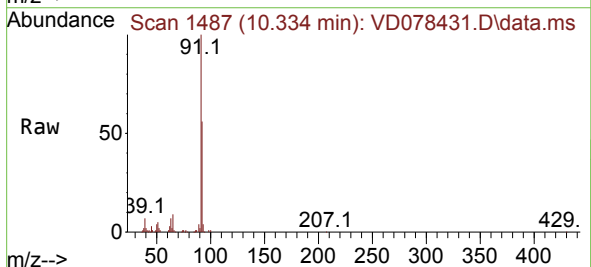
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

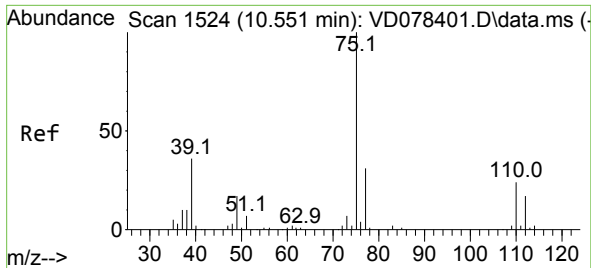
Tgt Ion: 43 Resp: 100104
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3



#52
Toluene
Concen: 21.279 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 92 Resp: 116371
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4

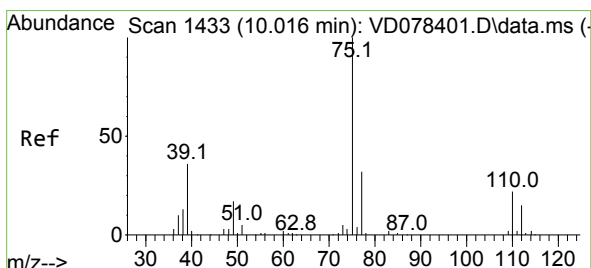
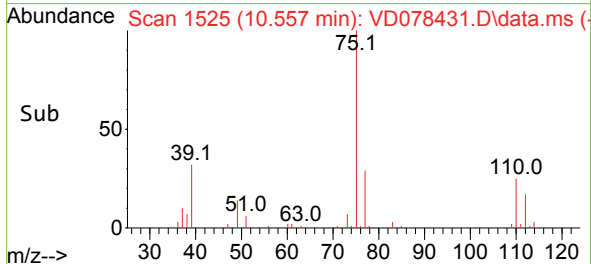
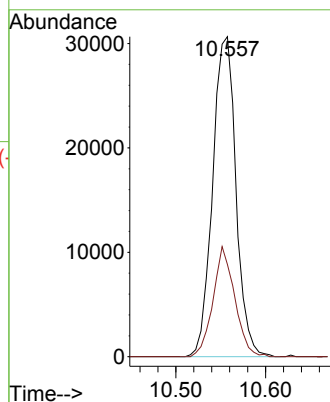
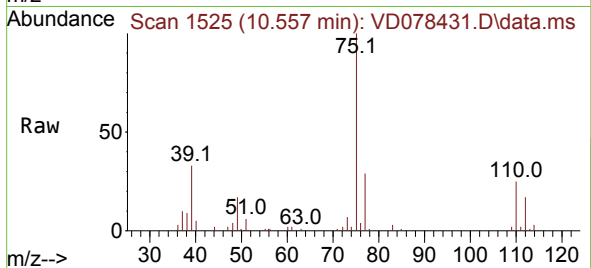




#53
t-1,3-Dichloropropene
Concen: 20.510 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

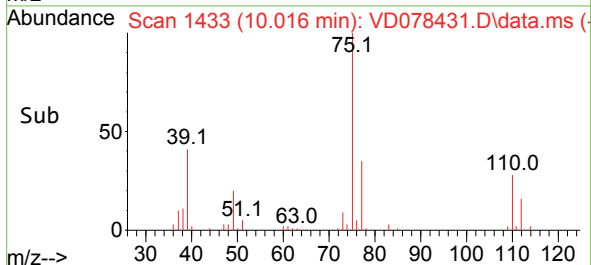
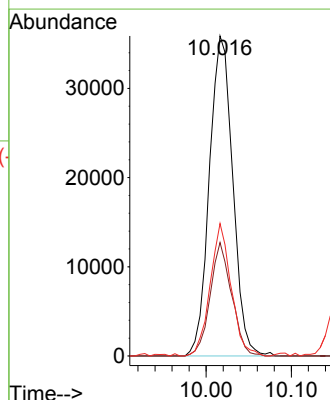
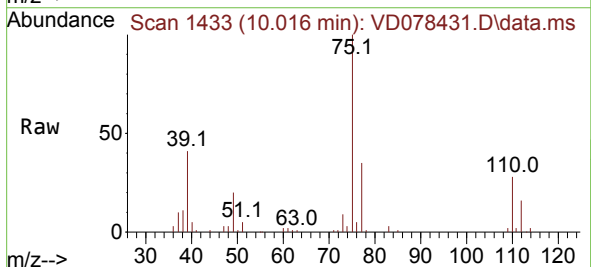
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

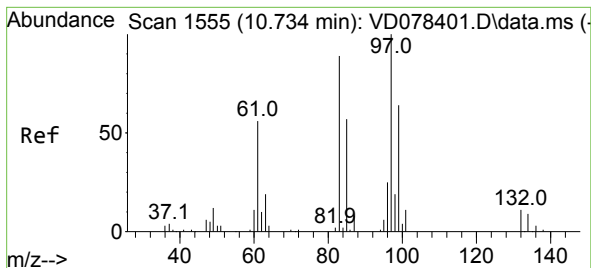
Tgt Ion: 75 Resp: 55321
Ion Ratio Lower Upper
75 100
77 28.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.962 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 75 Resp: 68561
Ion Ratio Lower Upper
75 100
77 35.4 25.5 38.3
39 41.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.947 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

Tgt Ion: 97 Resp: 33666

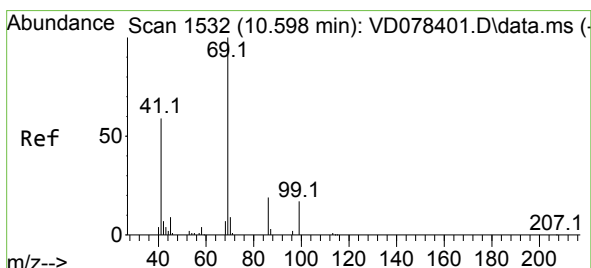
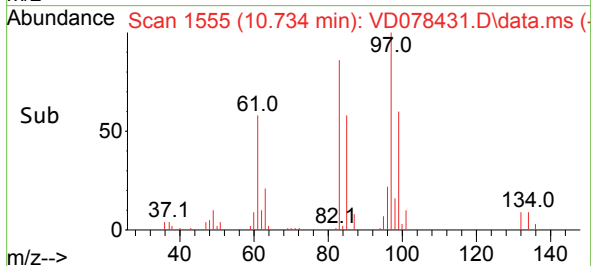
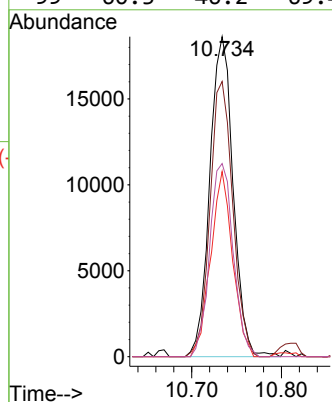
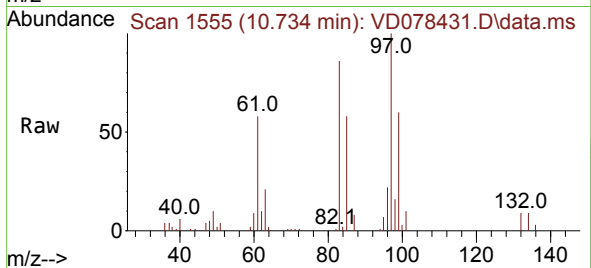
Ion Ratio Lower Upper

97 100

83 86.0 65.8 98.6

85 57.9 45.7 68.5

99 60.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 23.460 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

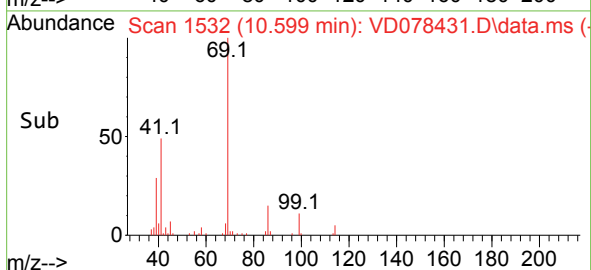
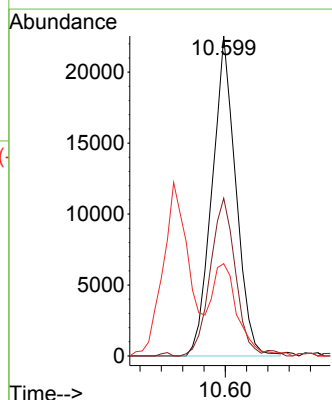
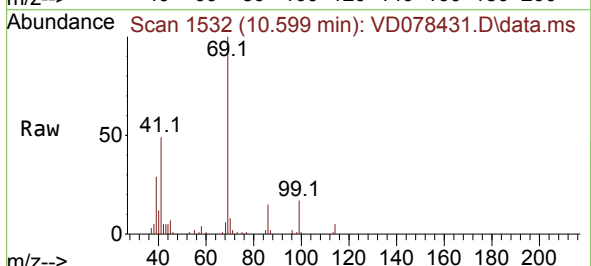
Tgt Ion: 69 Resp: 34872

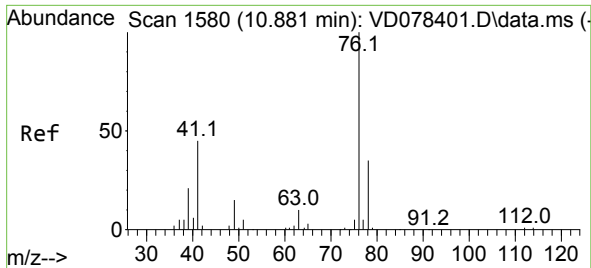
Ion Ratio Lower Upper

69 100

41 51.8 39.1 58.7

39 31.0 20.0 30.0#

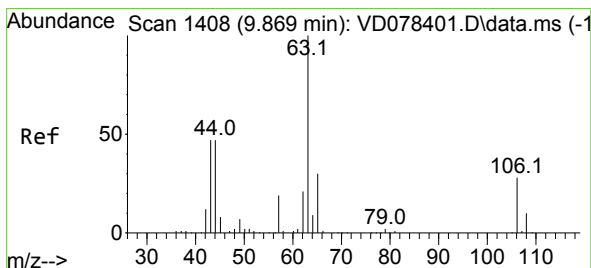
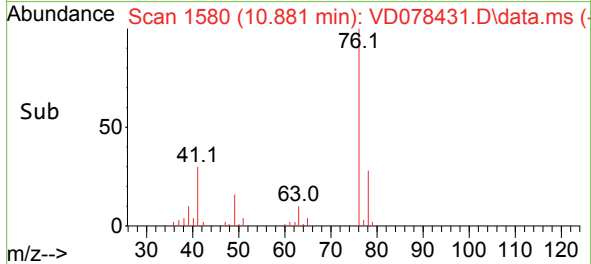
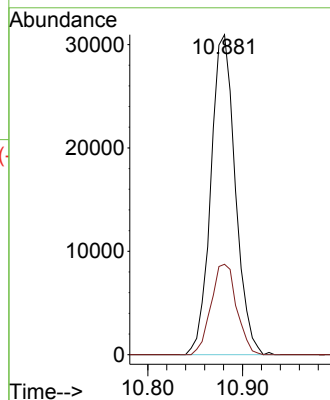
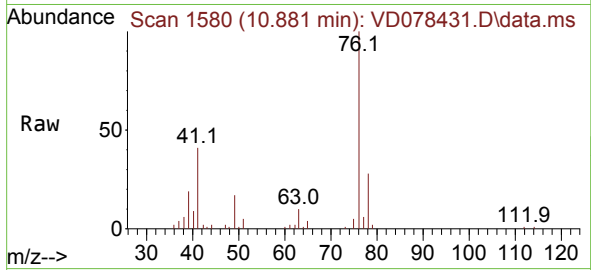




#57
1,3-Dichloropropane
Concen: 20.262 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

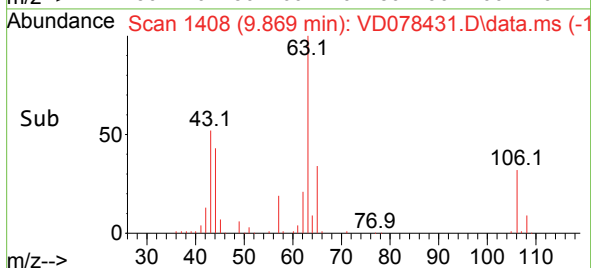
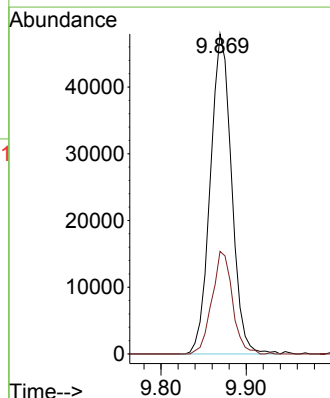
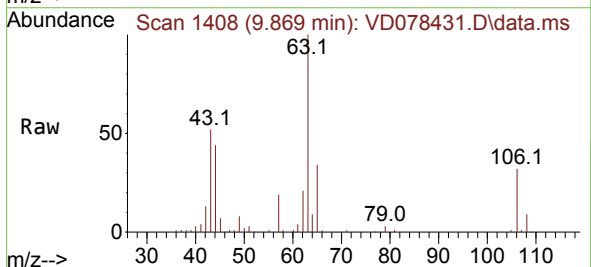
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

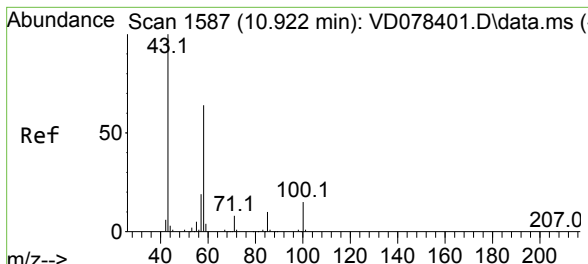
Tgt Ion: 76 Resp: 55398
Ion Ratio Lower Upper
76 100
78 29.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 94.744 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 63 Resp: 82957
Ion Ratio Lower Upper
63 100
106 30.9 25.3 37.9

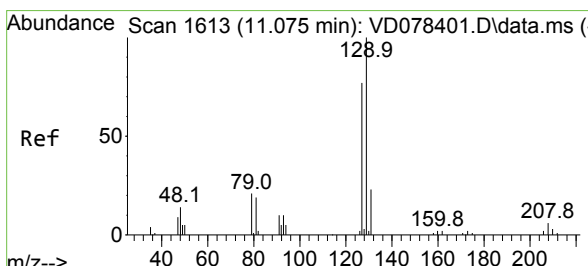
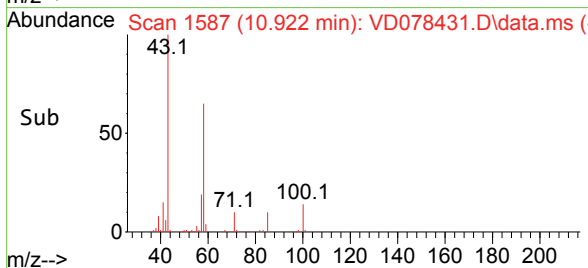
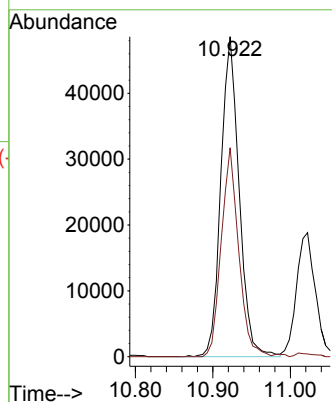
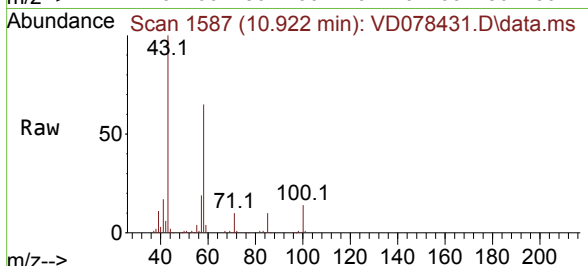




#59
2-Hexanone
Concen: 102.912 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

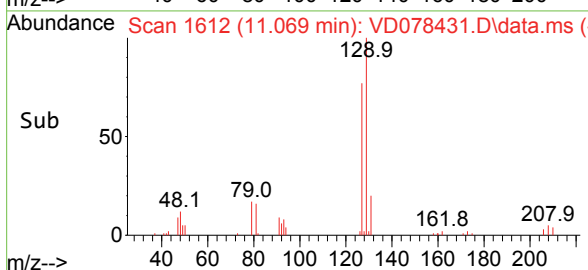
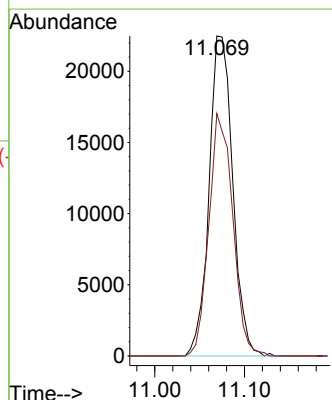
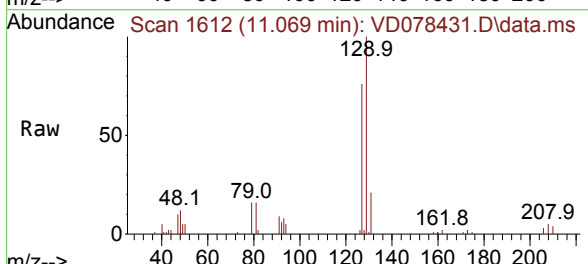
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

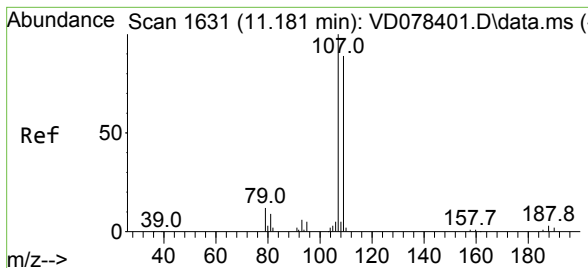
Tgt Ion: 43 Resp: 79721
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2



#60
Dibromochloromethane
Concen: 21.292 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:129 Resp: 41175
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.647 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

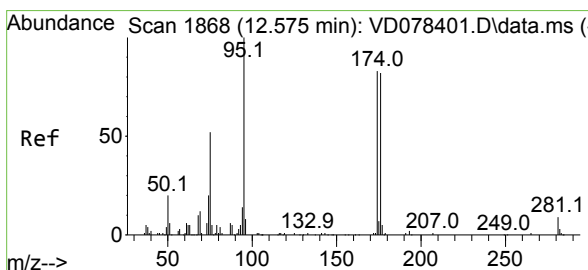
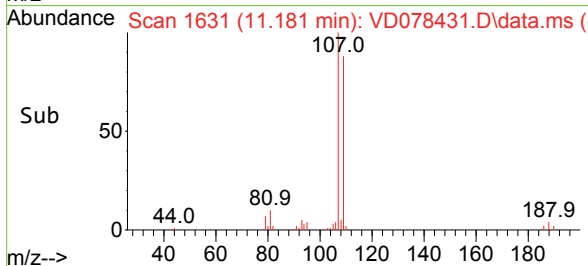
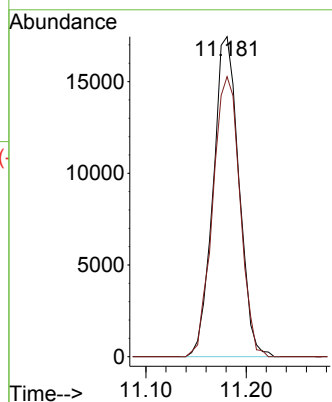
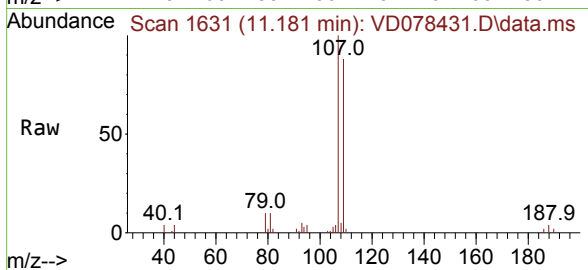
VD0215SBS01

Tgt Ion:107 Resp: 31154

Ion Ratio Lower Upper

107 100

109 92.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.881 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

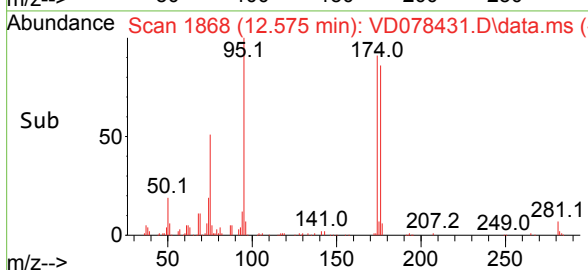
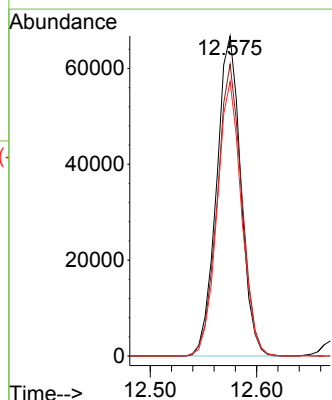
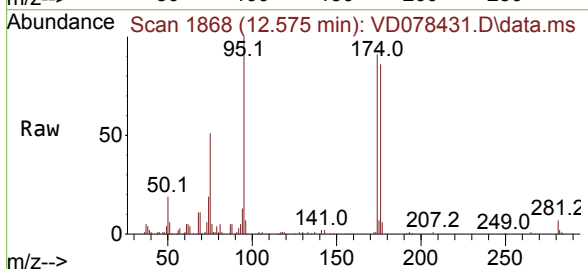
Tgt Ion: 95 Resp: 105109

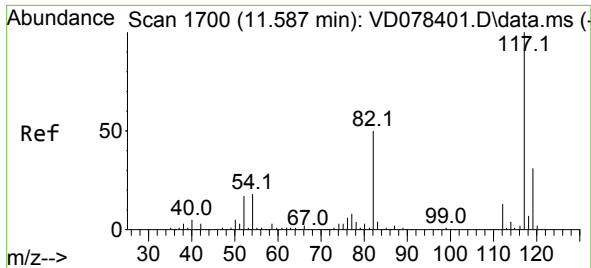
Ion Ratio Lower Upper

95 100

174 92.7 0.0 201.8

176 86.1 0.0 191.8

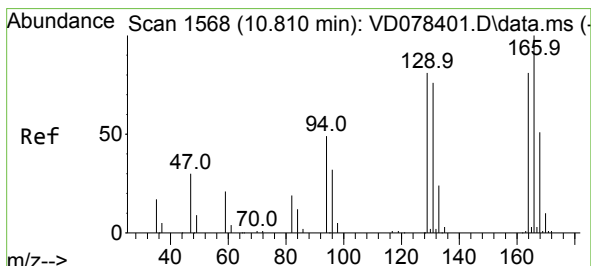
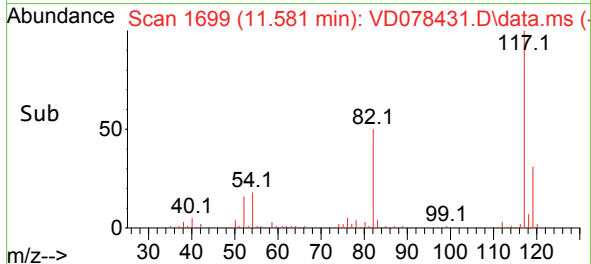
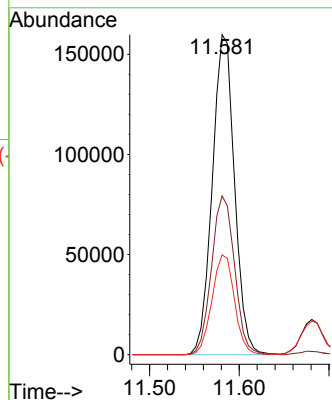
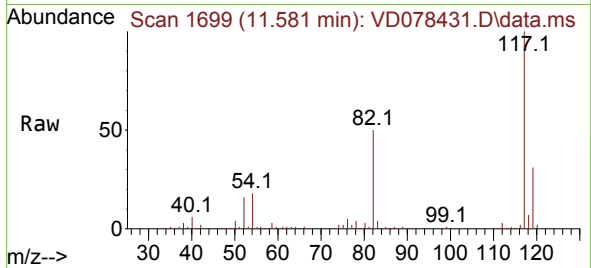




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

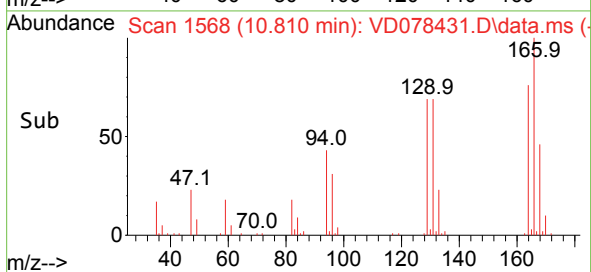
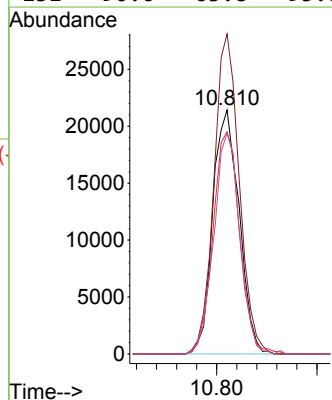
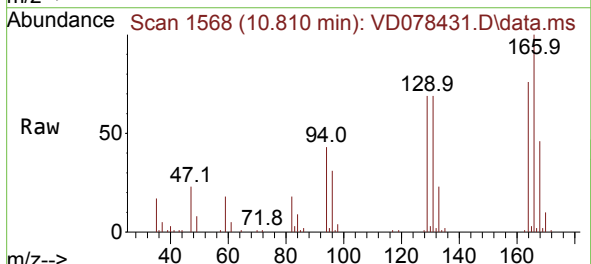
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

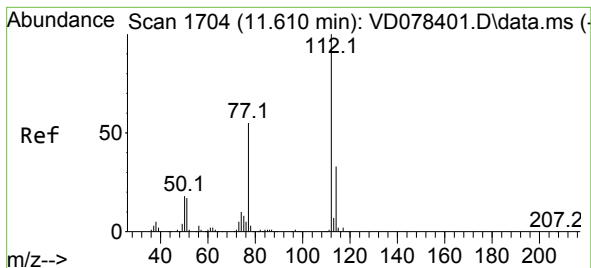
Tgt Ion:117 Resp: 274860
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 22.541 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:164 Resp: 39134
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 91.1 68.4 102.6
131 90.6 63.8 95.8





#65

Chlorobenzene

Concen: 22.188 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

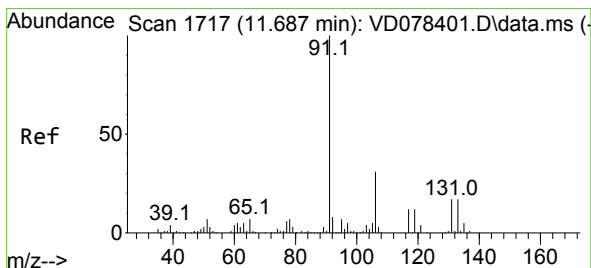
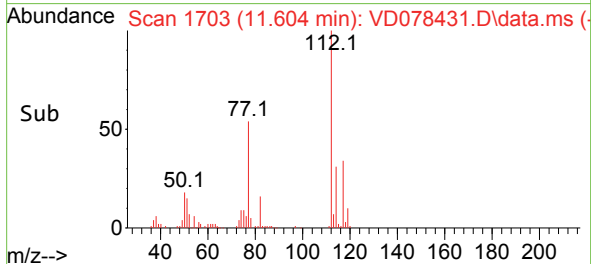
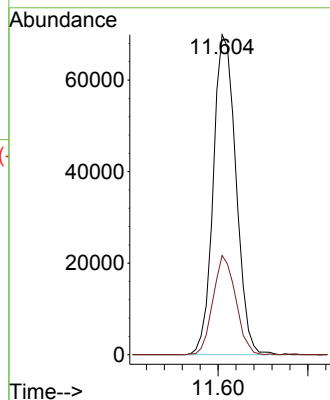
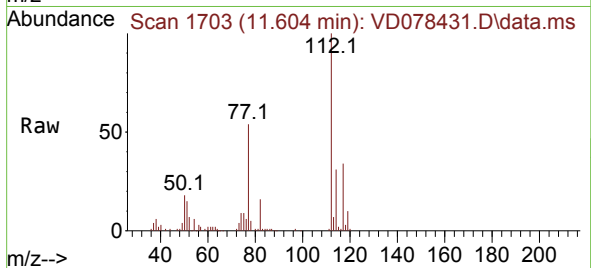
VD0215SBS01

Tgt Ion:112 Resp: 122604

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.154 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

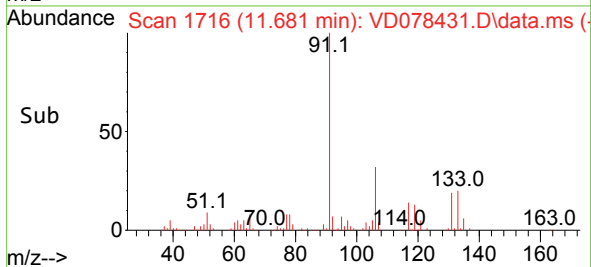
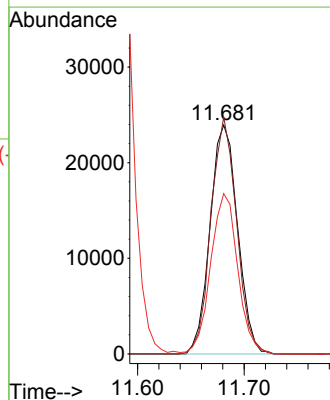
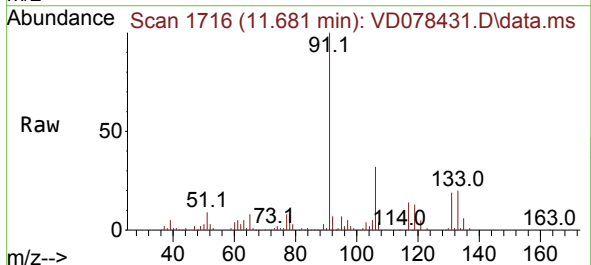
Tgt Ion:131 Resp: 42957

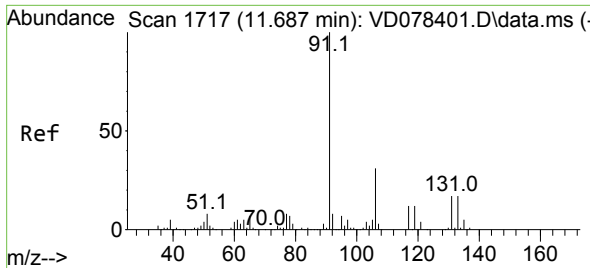
Ion Ratio Lower Upper

131 100

133 96.6 48.5 145.5

119 68.9 35.6 106.9

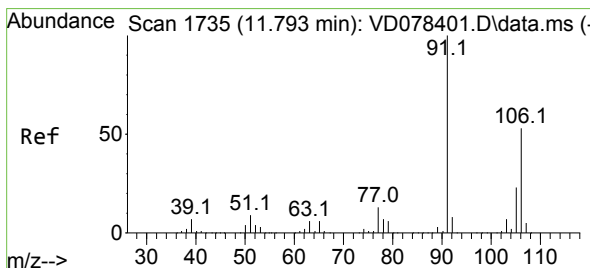
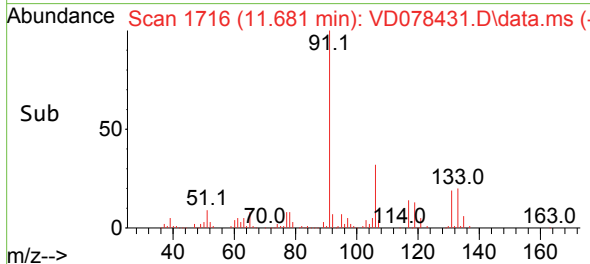
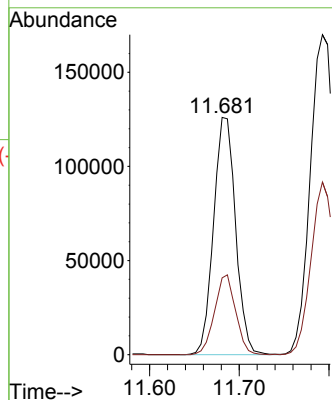
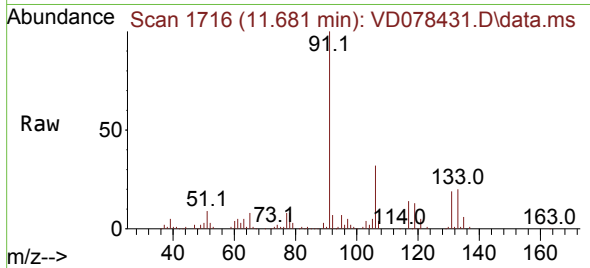




#67
Ethyl Benzene
Concen: 21.718 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

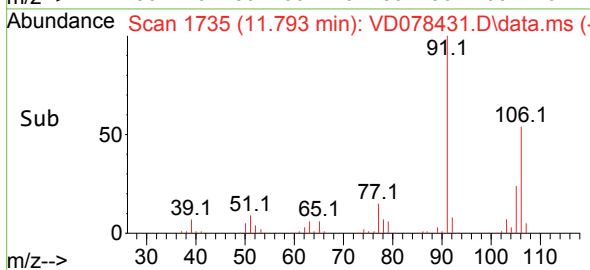
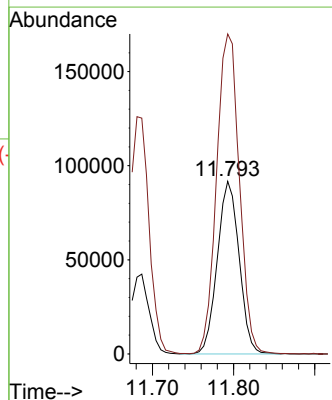
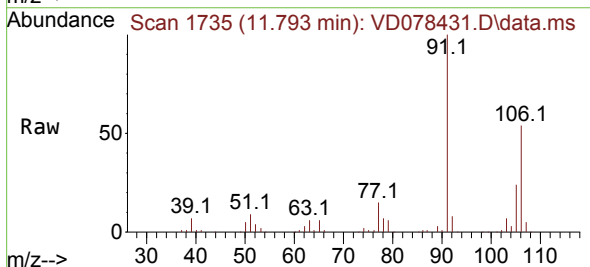
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

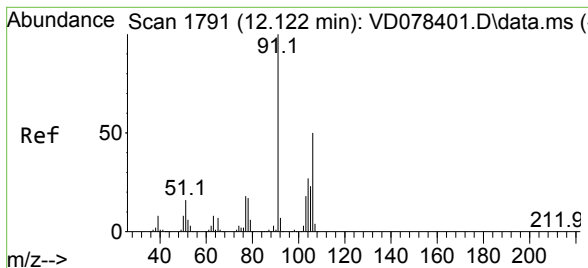
Tgt Ion: 91 Resp: 215030
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 44.402 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:106 Resp: 171477
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6

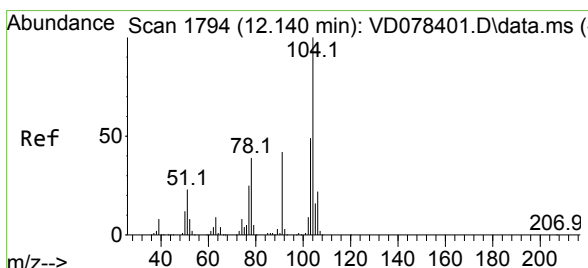
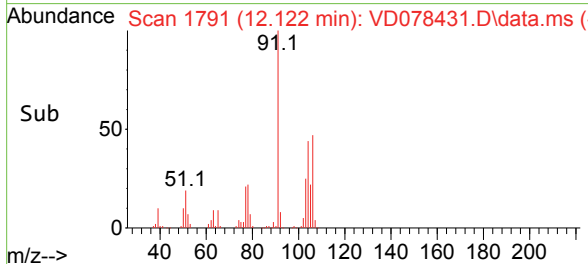
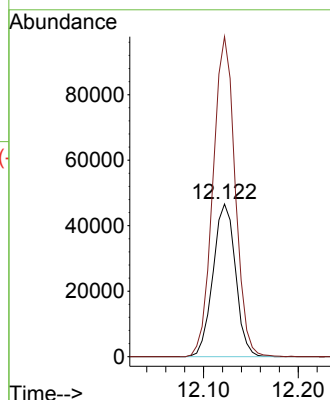
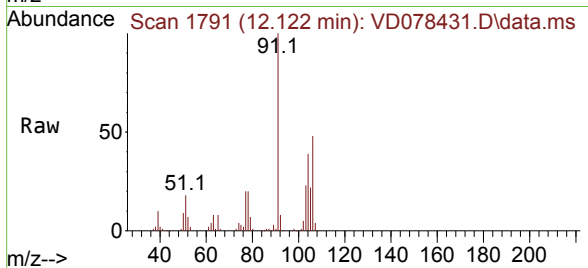




#69
o-Xylene
Concen: 21.836 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

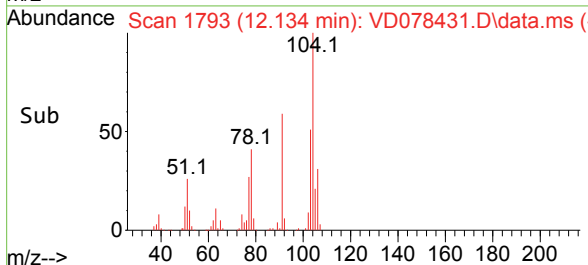
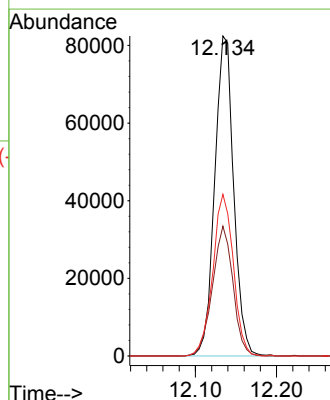
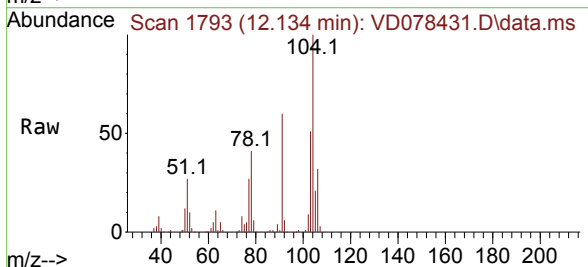
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

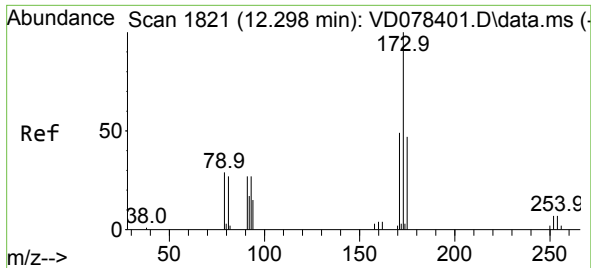
Tgt Ion:106 Resp: 76955
Ion Ratio Lower Upper
106 100
91 206.8 97.9 293.6



#70
Styrene
Concen: 23.315 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:104 Resp: 134104
Ion Ratio Lower Upper
104 100
78 43.8 33.2 49.8
103 54.7 43.6 65.4

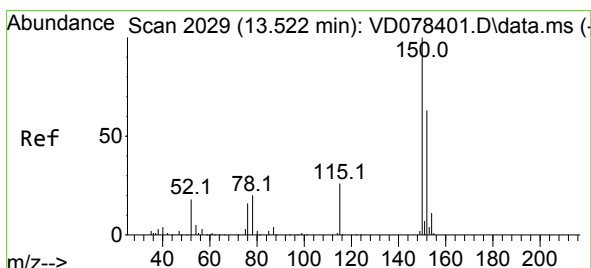
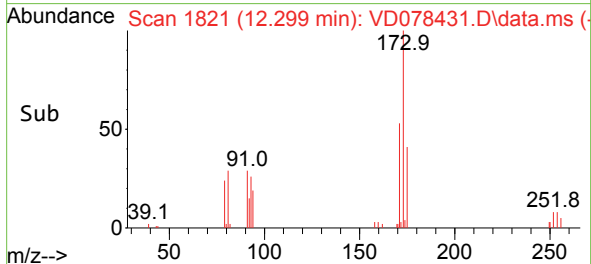
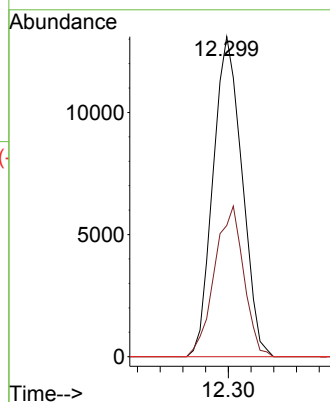
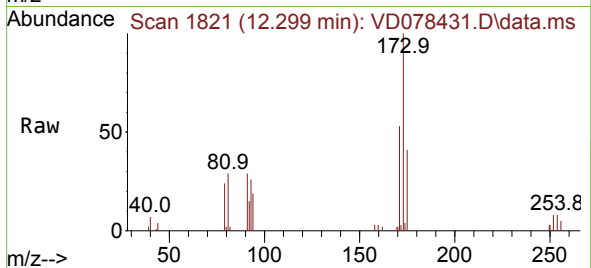




#71
Bromoform
Concen: 21.707 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

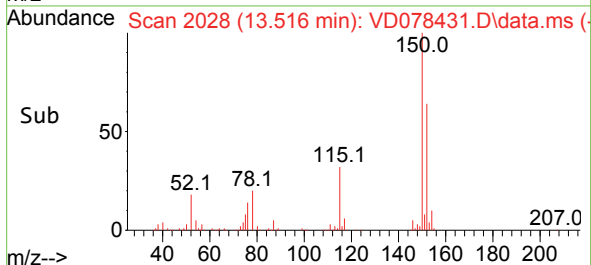
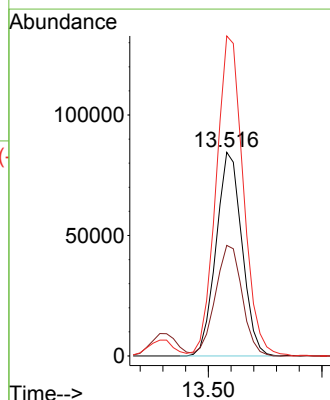
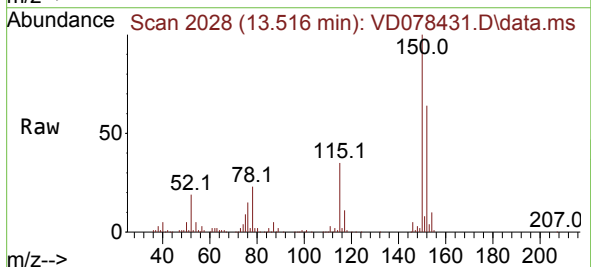
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

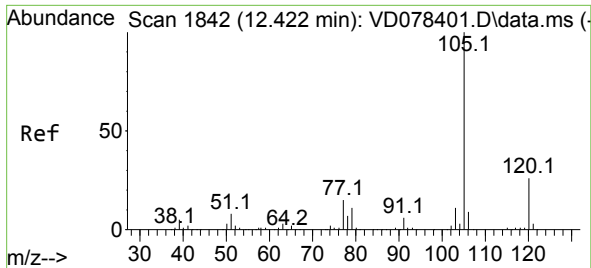
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.1	81.3
150	165.0	0.0	353.6

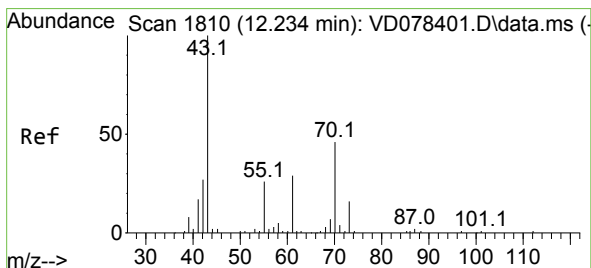
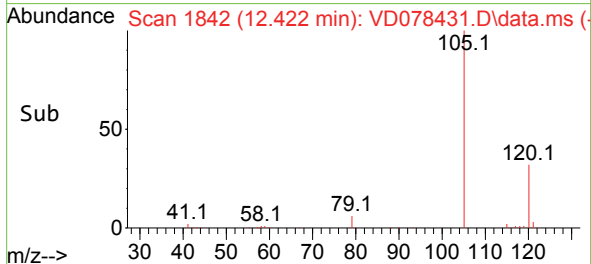
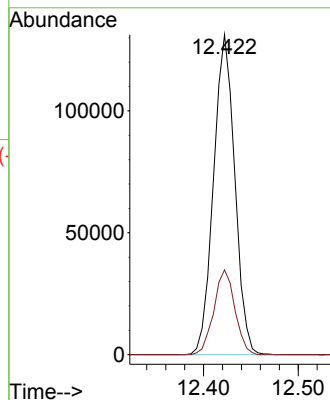
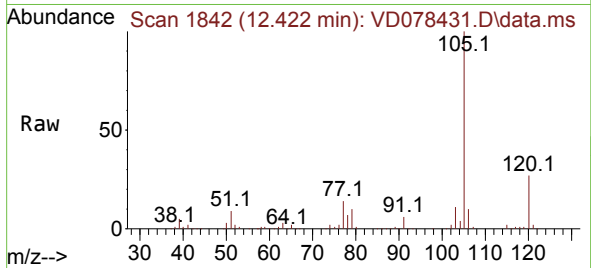




#73
Isopropylbenzene
Concen: 22.738 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

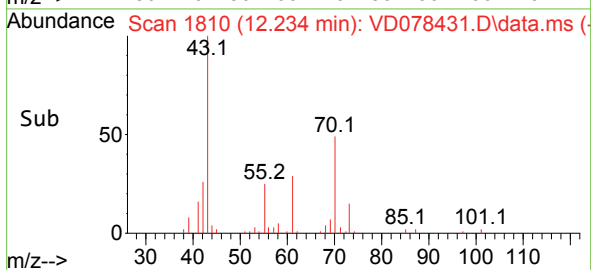
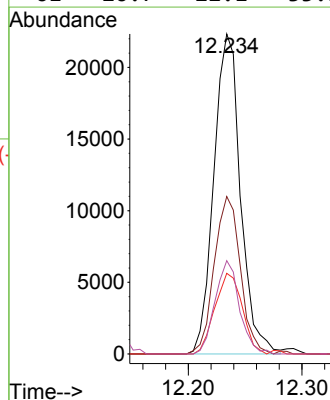
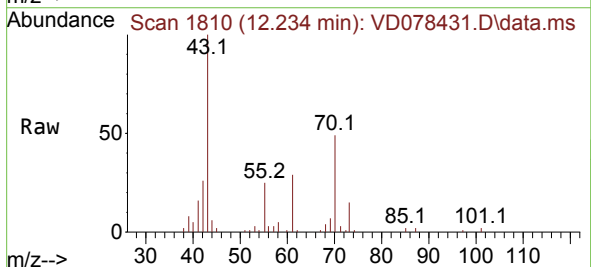
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

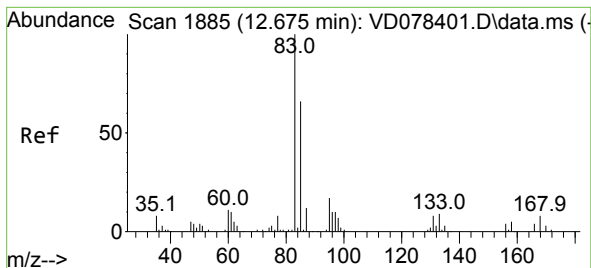
Tgt Ion:105 Resp: 204359
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 21.417 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 43 Resp: 36415
Ion Ratio Lower Upper
43 100
70 48.2 45.0 67.4
55 25.8 23.8 35.6
61 26.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.713 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

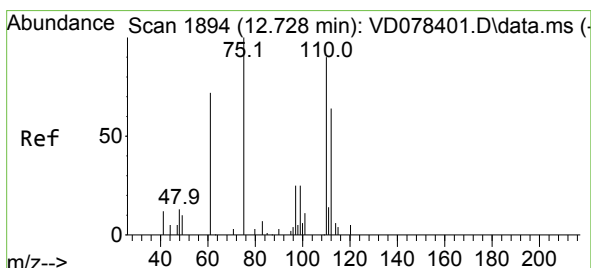
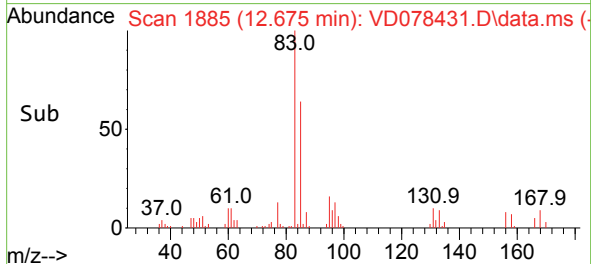
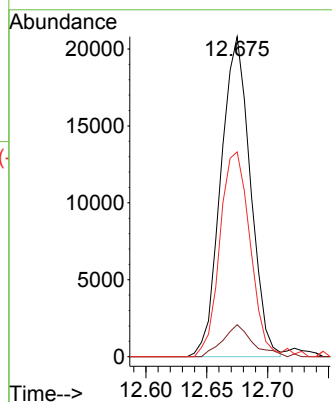
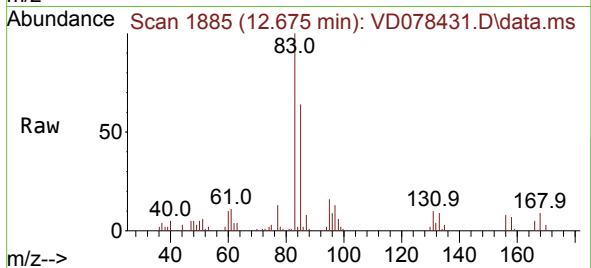
Tgt Ion: 83 Resp: 35145

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.087 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078431.D

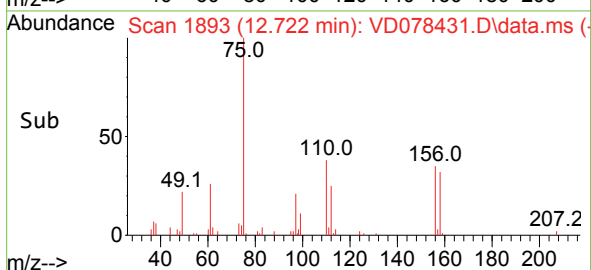
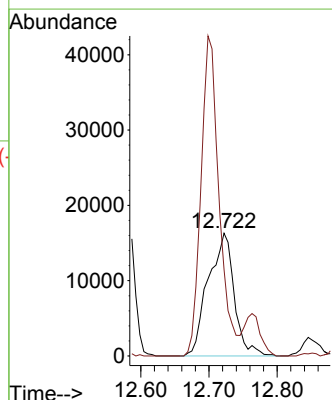
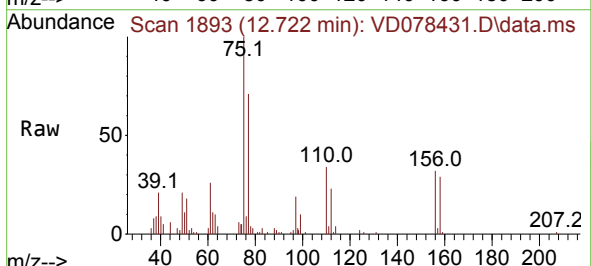
Acq: 15 Feb 2024 12:37

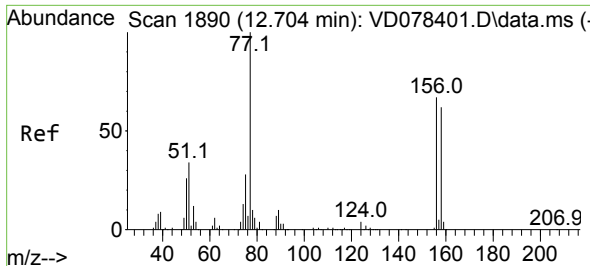
Tgt Ion: 75 Resp: 43279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

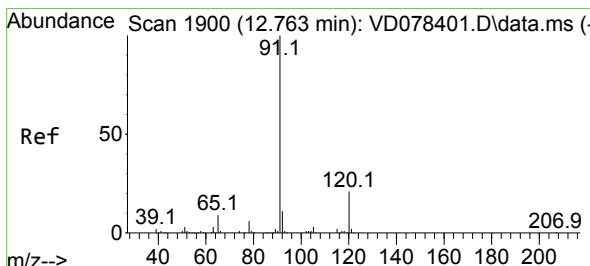
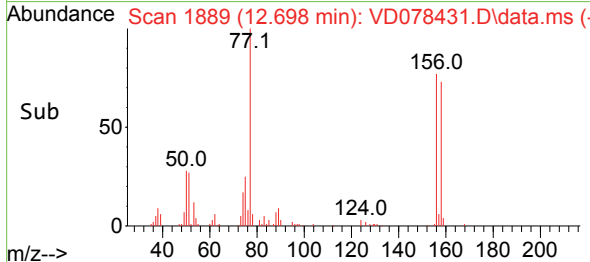
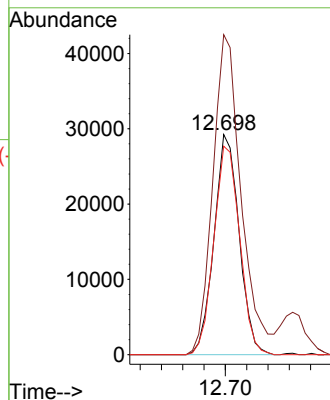
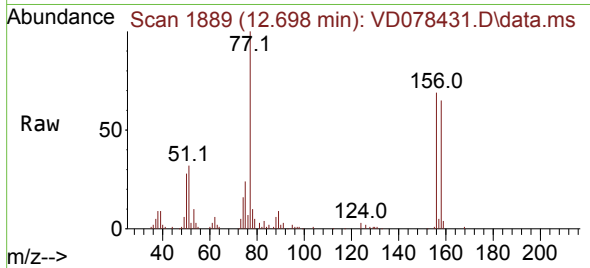




#77
Bromobenzene
Concen: 22.621 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

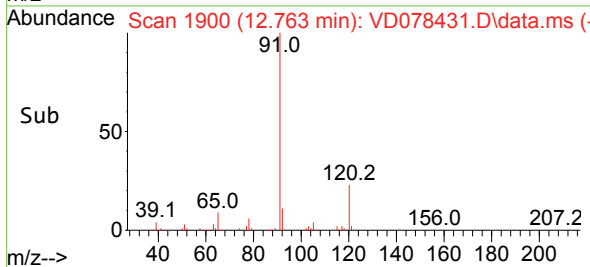
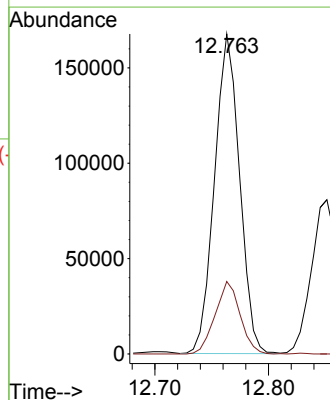
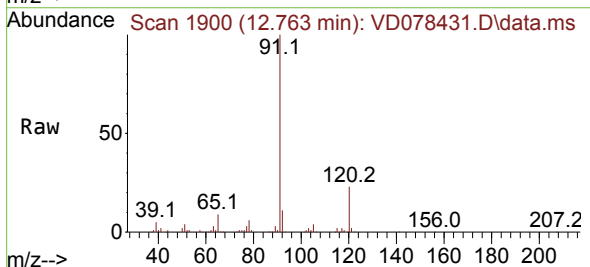
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

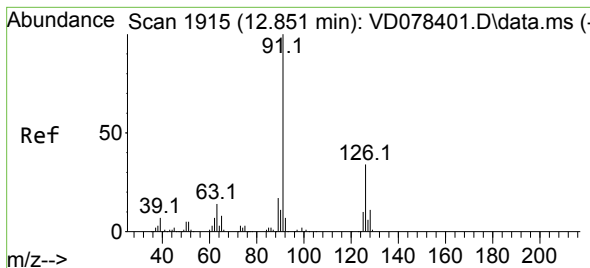
Tgt Ion:156 Resp: 47780
Ion Ratio Lower Upper
156 100
77 164.7 76.8 230.4
158 97.6 48.6 145.9



#78
n-propylbenzene
Concen: 22.932 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 91 Resp: 256841
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 22.424 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

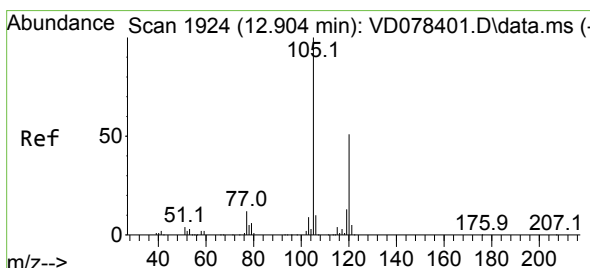
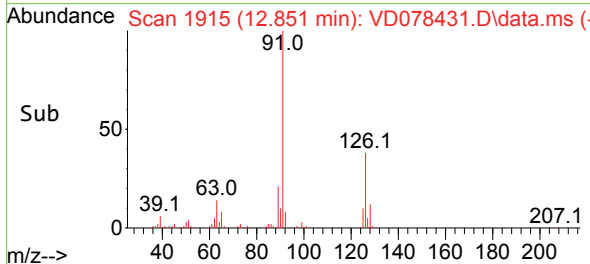
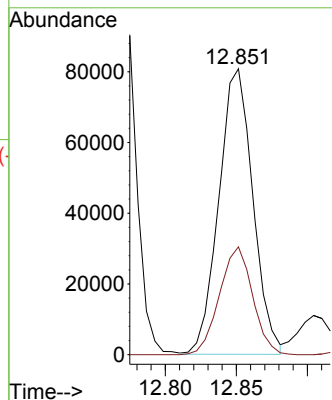
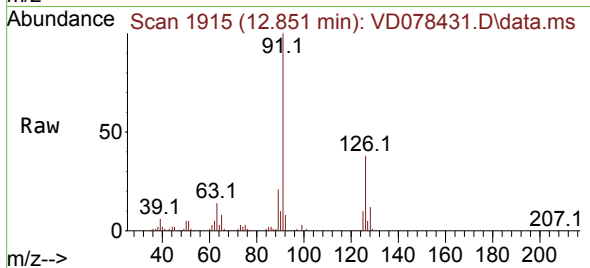
VD0215SBS01

Tgt Ion: 91 Resp: 134523

Ion Ratio Lower Upper

91 100

126 36.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 22.446 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078431.D

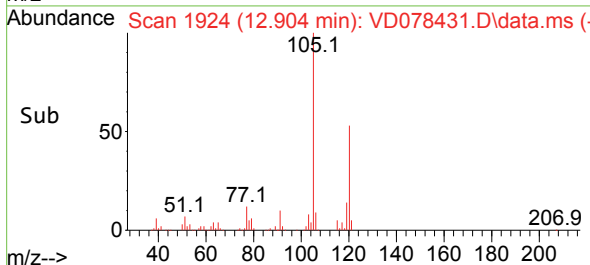
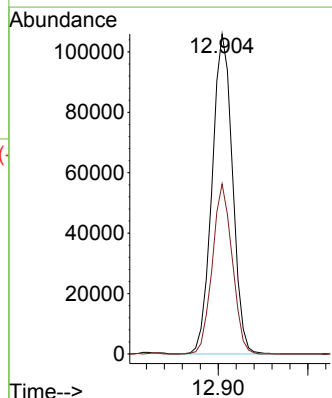
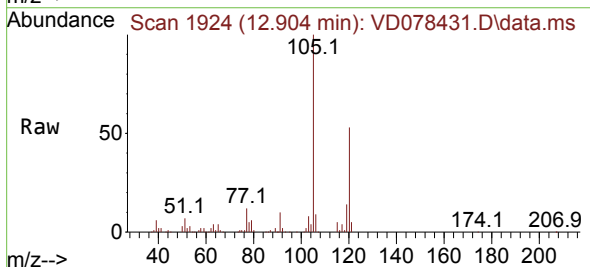
Acq: 15 Feb 2024 12:37

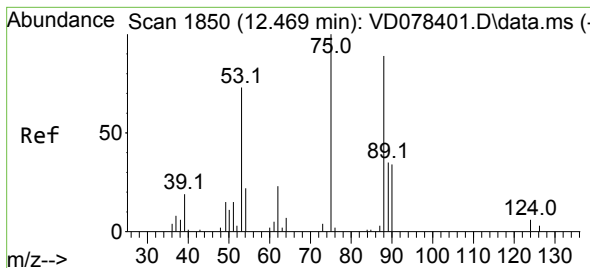
Tgt Ion: 105 Resp: 167512

Ion Ratio Lower Upper

105 100

120 51.6 26.4 79.2

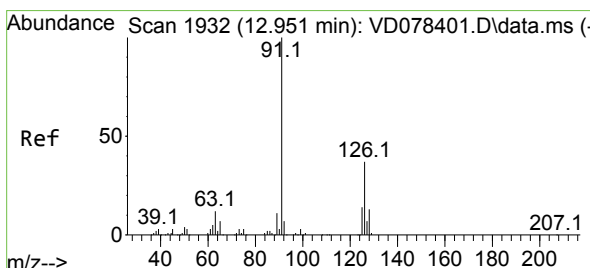
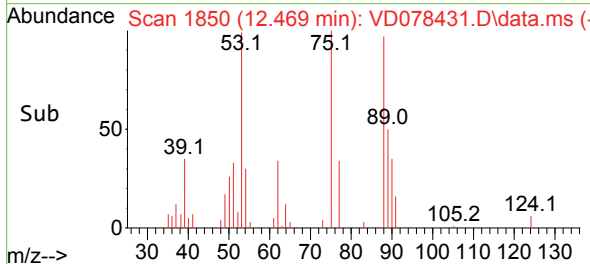
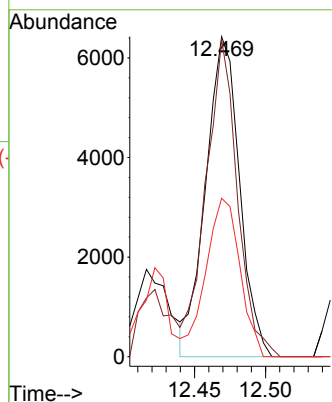
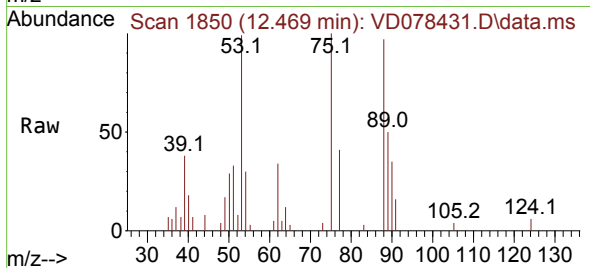




#81
trans-1,4-Dichloro-2-butene
Concen: 19.390 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

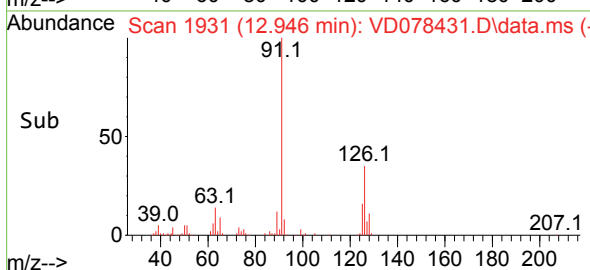
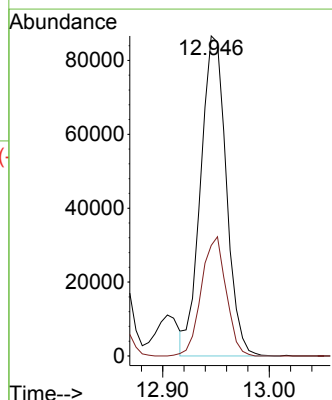
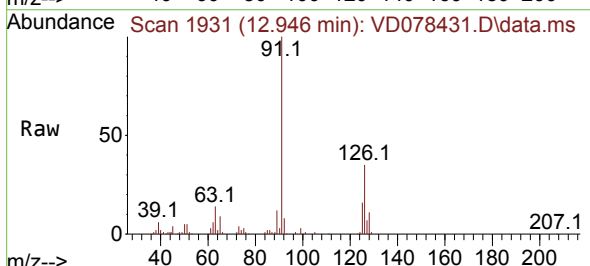
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

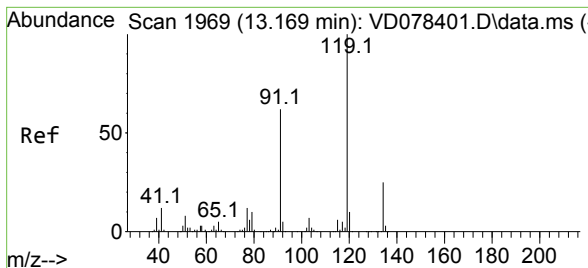
Tgt Ion:	75	Resp:	10613
Ion	Ratio	Lower	Upper
75	100		
53	92.4	63.0	94.4
89	50.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 22.479 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:	91	Resp:	144832
Ion	Ratio	Lower	Upper
91	100		
126	36.0	19.4	58.4





#83

tert-Butylbenzene

Concen: 23.062 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

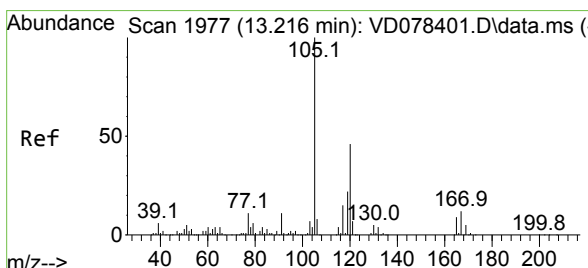
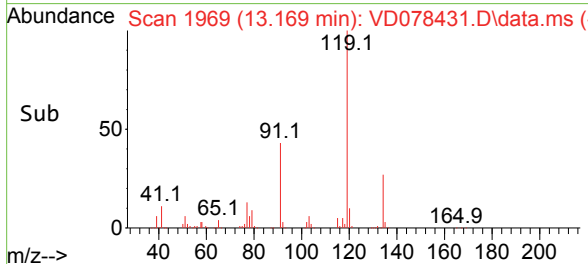
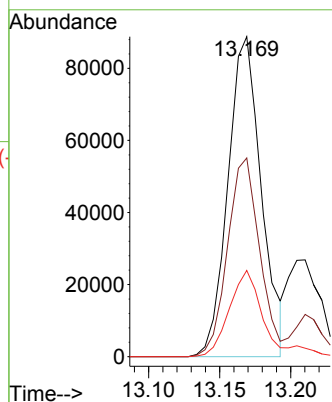
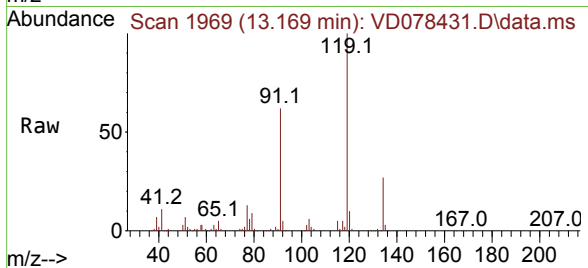
Tgt Ion:119 Resp: 145154

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 28.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 22.224 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078431.D

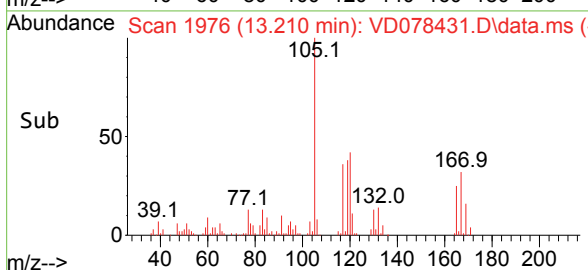
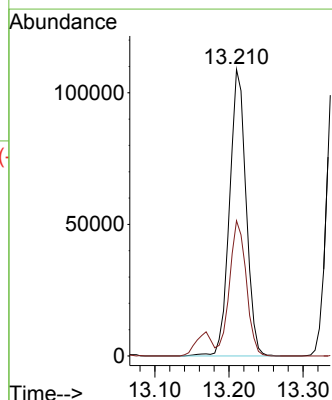
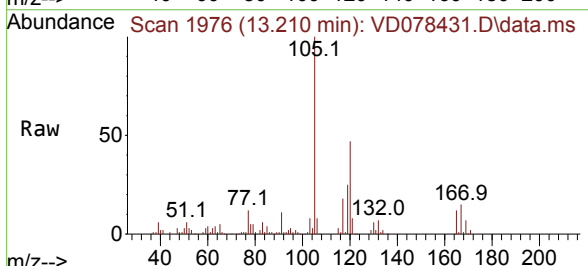
Acq: 15 Feb 2024 12:37

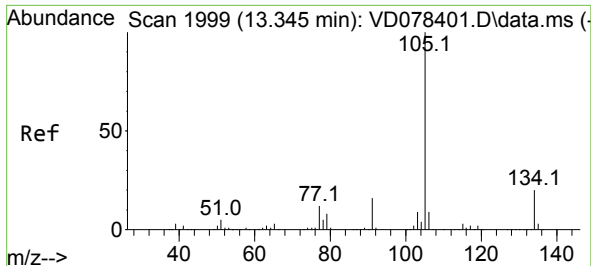
Tgt Ion:105 Resp: 168327

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9

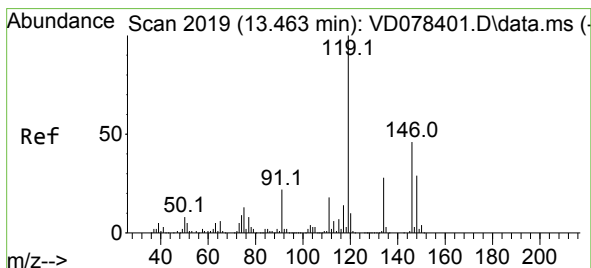
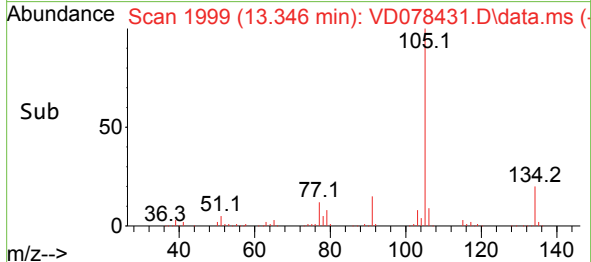
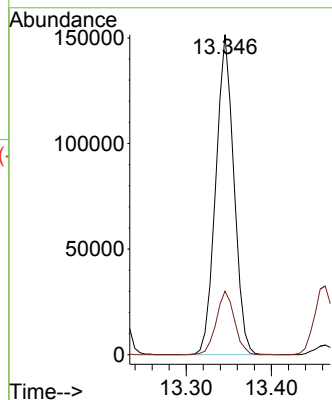
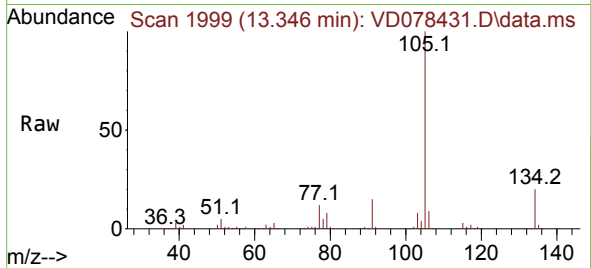




#85
 sec-Butylbenzene
 Concen: 22.914 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

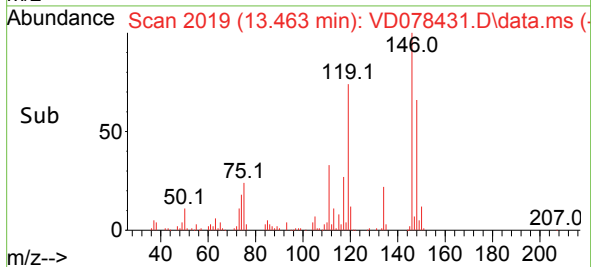
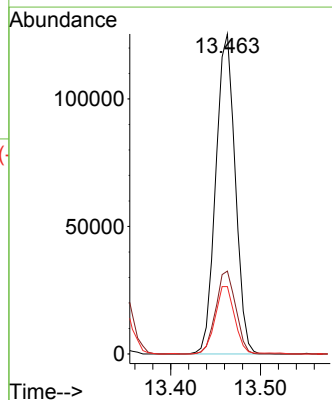
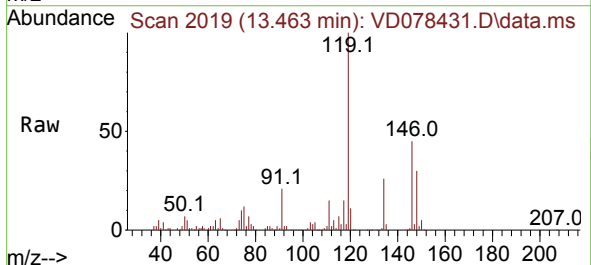
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

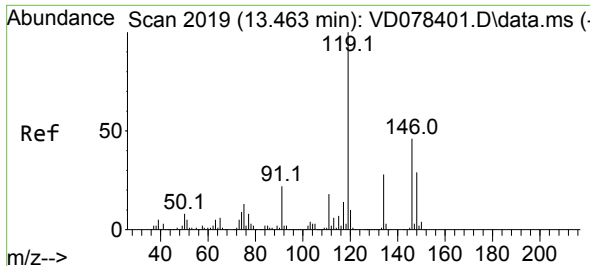
Tgt Ion:105 Resp: 223661
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 22.653 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

Tgt Ion:119 Resp: 188335
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 22.020 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

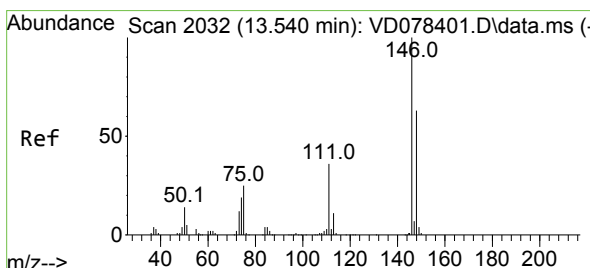
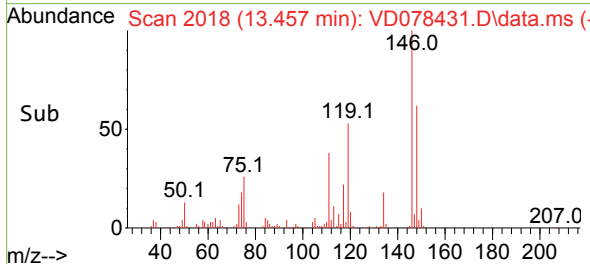
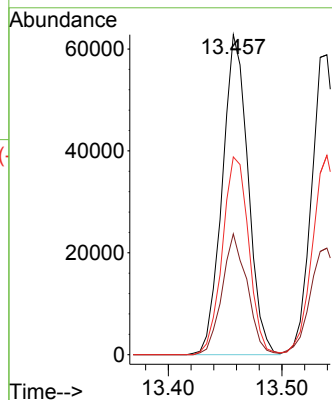
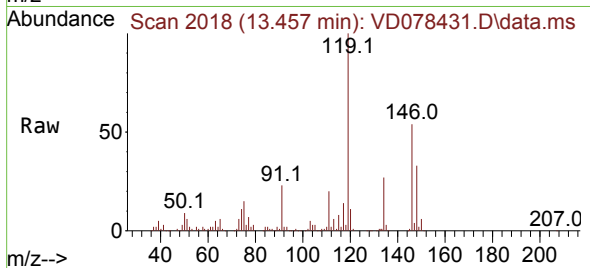
Tgt Ion:146 Resp: 99270

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

148 63.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 22.063 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078431.D

Acq: 15 Feb 2024 12:37

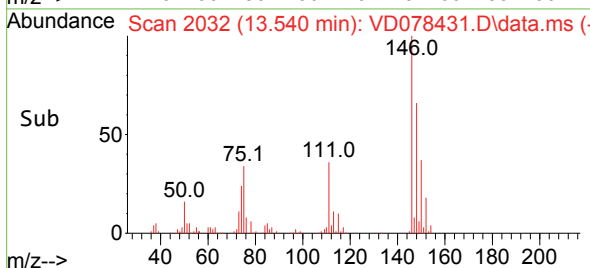
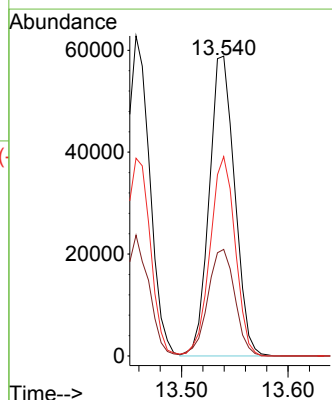
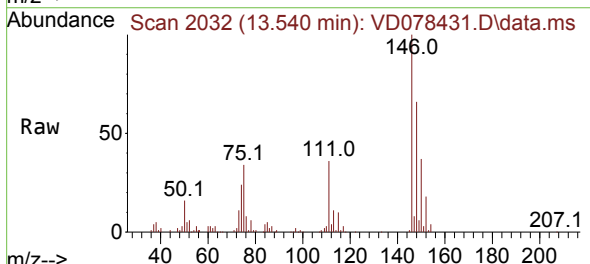
Tgt Ion:146 Resp: 97730

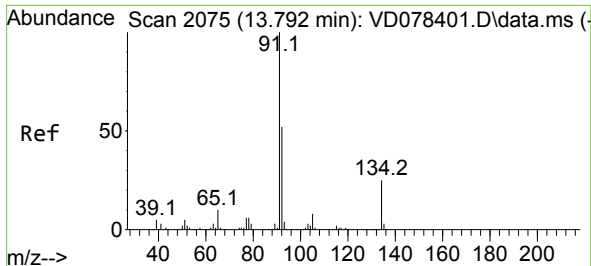
Ion Ratio Lower Upper

146 100

111 37.7 17.4 52.3

148 65.5 31.7 95.1

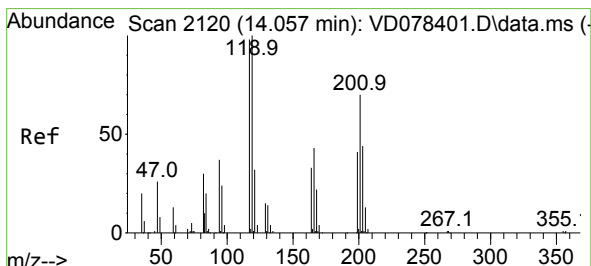
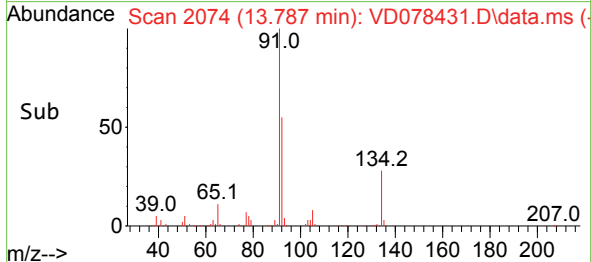
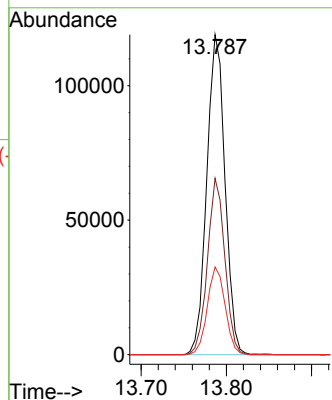
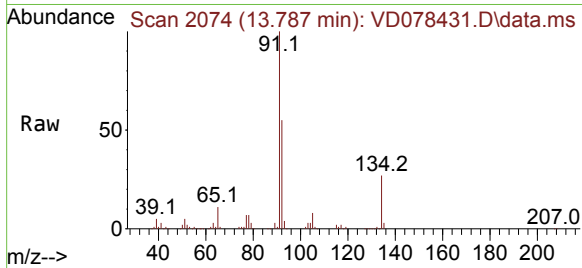




#89
n-Butylbenzene
Concen: 22.080 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

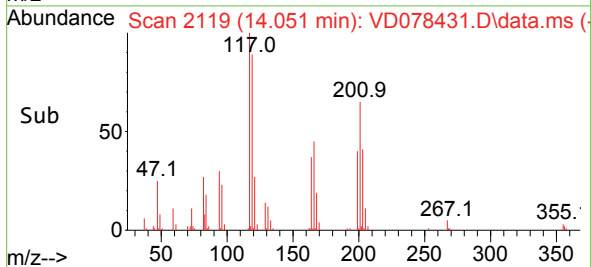
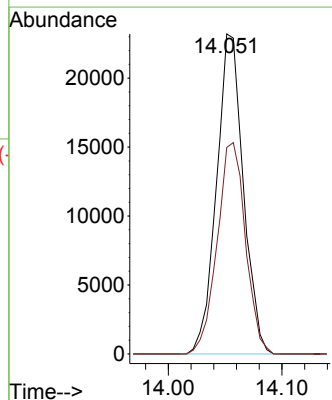
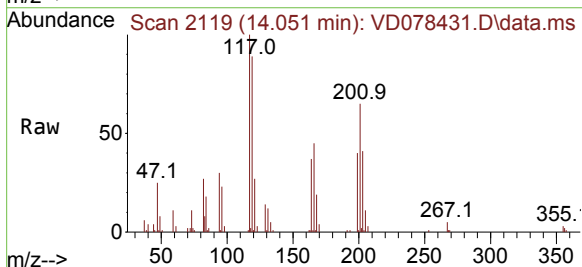
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

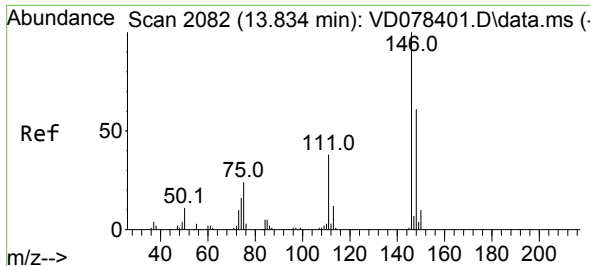
Tgt Ion: 91 Resp: 176937
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 26.9 13.8 41.3



#90
Hexachloroethane
Concen: 22.279 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion: 117 Resp: 38070
Ion Ratio Lower Upper
117 100
201 69.7 38.5 115.5

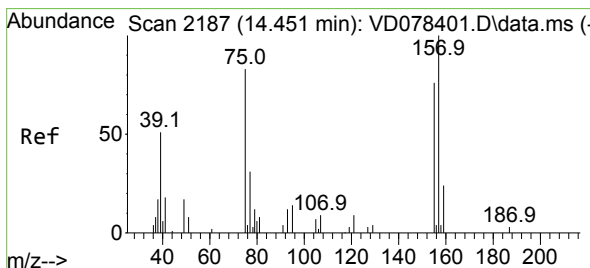
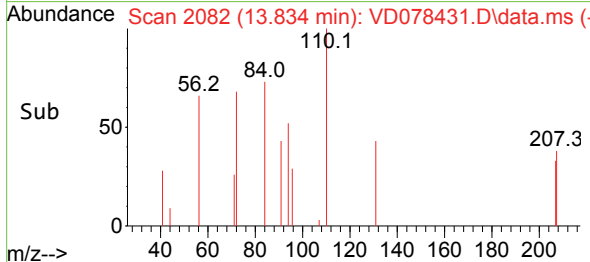
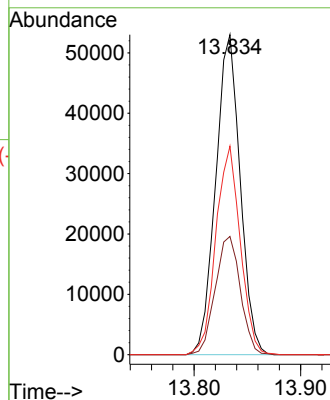
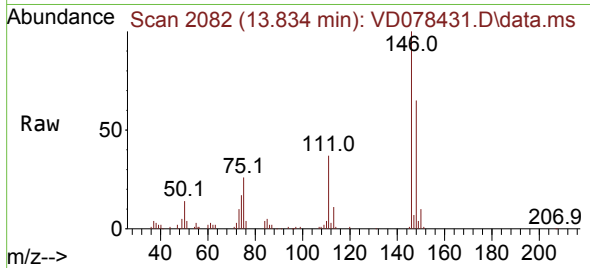




#91
1,2-Dichlorobenzene
Concen: 22.360 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

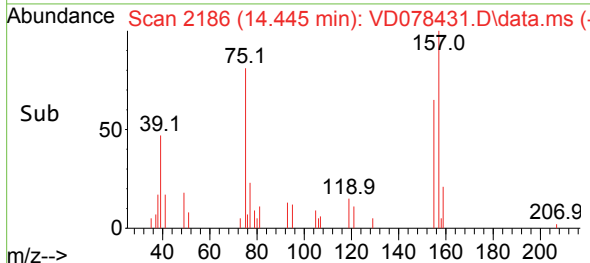
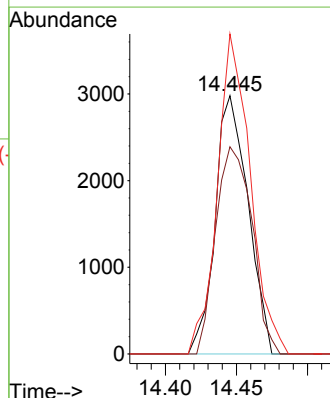
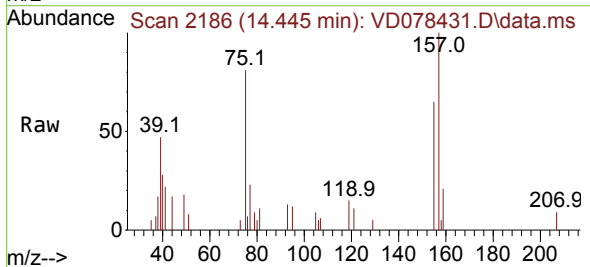
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

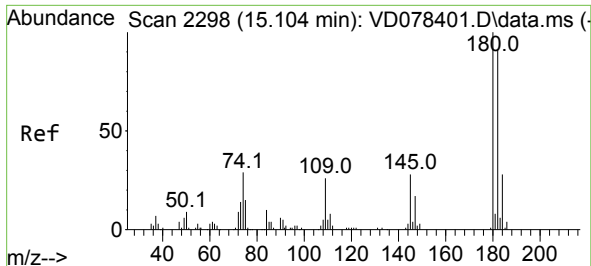
Tgt Ion:	146	Resp:	84647
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.3	54.8
148	65.0	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.527 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:	75	Resp:	4792
Ion Ratio	Lower	Upper	
75	100		
155	88.8	47.9	143.8
157	124.0	59.9	179.7

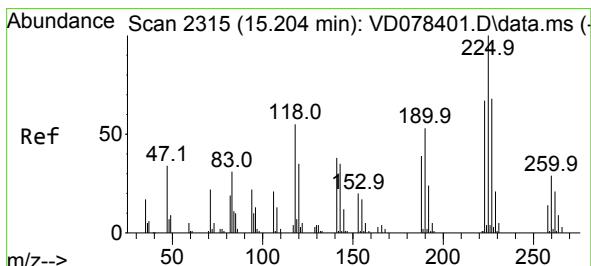
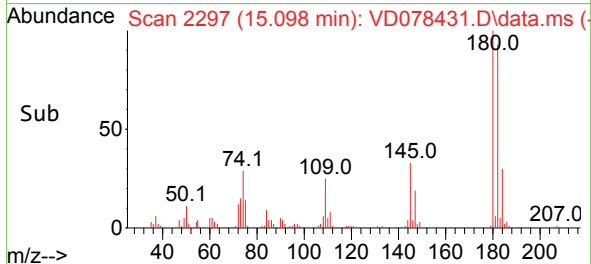
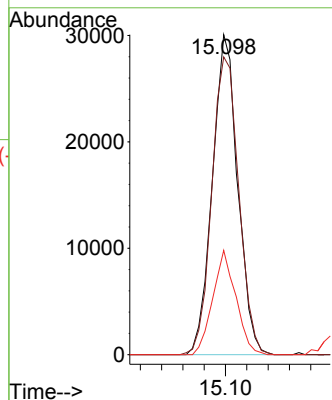
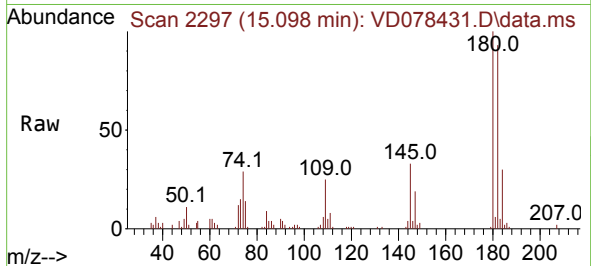




#93
 1,2,4-Trichlorobenzene
 Concen: 22.335 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

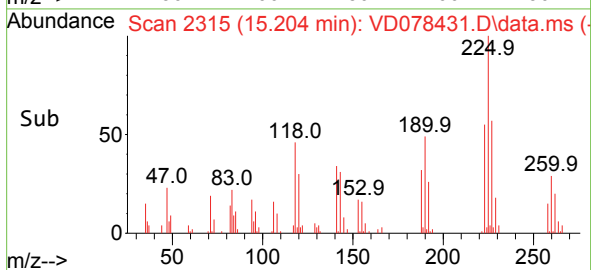
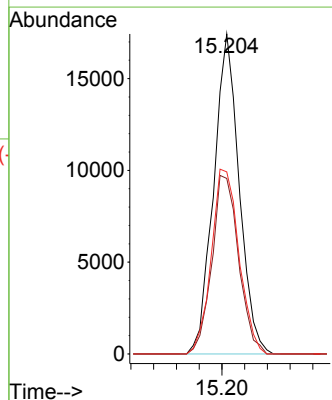
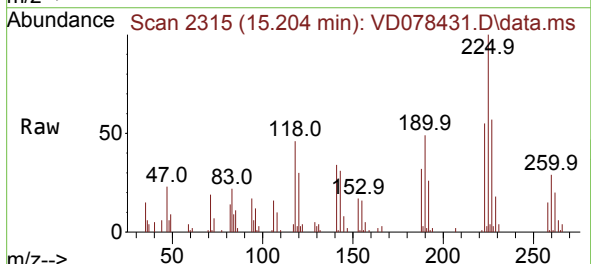
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

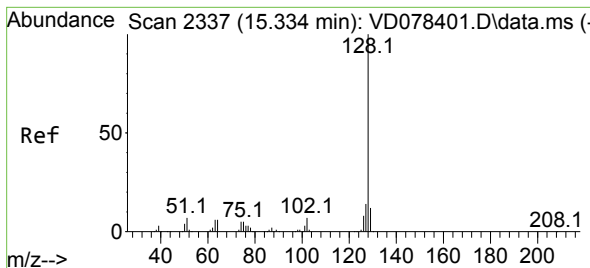
Tgt Ion:180 Resp: 49692
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.5 145.6
 145 29.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 23.390 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078431.D
 Acq: 15 Feb 2024 12:37

Tgt Ion:225 Resp: 27162
 Ion Ratio Lower Upper
 225 100
 223 58.3 31.6 94.8
 227 62.5 31.7 95.1

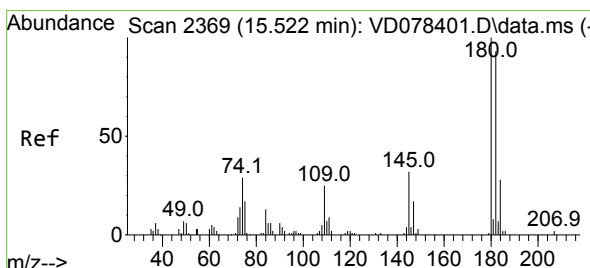
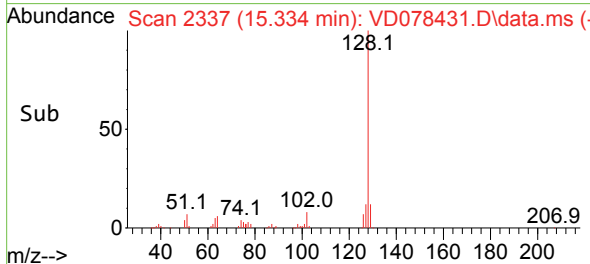
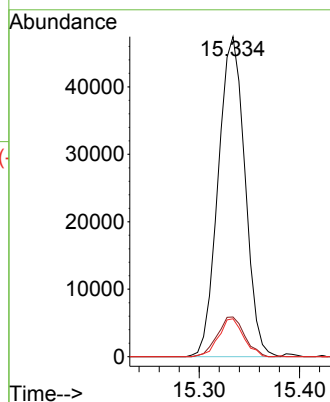
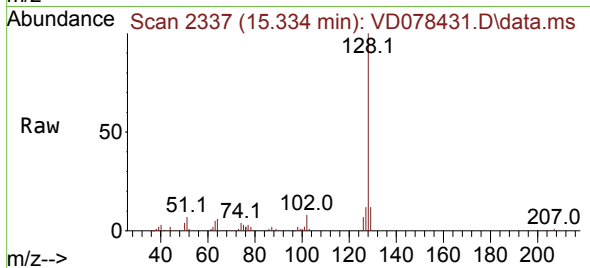




#95
Naphthalene
Concen: 21.285 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

Tgt Ion:128 Resp: 87835
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.625 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078431.D
Acq: 15 Feb 2024 12:37

Tgt Ion:180 Resp: 42661
Ion Ratio Lower Upper
180 100
182 99.0 47.3 141.9
145 33.4 15.1 45.3

