

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078495.D
 Acq On : 21 Feb 2024 13:27
 Operator : RP/MD
 Sample : VD0221SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:02:40 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	7.881	168	140663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	221052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69939	45.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.960%
35) Dibromofluoromethane	7.810	113	81115	52.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.275	98	322003	52.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.575	95	88400	49.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	32917	23.751	ug/l	99
3) Chloromethane	2.158	50	52809	20.734	ug/l	99
4) Vinyl Chloride	2.293	62	78458	20.187	ug/l	96
5) Bromomethane	2.693	94	62431	23.272	ug/l	95
6) Chloroethane	2.840	64	59368	20.948	ug/l	97
7) Trichlorofluoromethane	3.175	101	56769	21.653	ug/l	100
8) Diethyl Ether	3.599	74	15101	19.997	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	36134	21.847	ug/l	96
10) Methyl Iodide	4.169	142	34274	23.136	ug/l	93
11) Tert butyl alcohol	5.064	59	6724	77.676	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	32710	21.332	ug/l	92
13) Acrolein	3.811	56	10866	77.335	ug/l	99
14) Allyl chloride	4.569	41	37676	19.889	ug/l	92
15) Acrylonitrile	5.264	53	28847	89.235	ug/l	97
16) Acetone	4.028	43	26227	71.078	ug/l #	83
17) Carbon Disulfide	4.281	76	110165	21.351	ug/l	100
18) Methyl Acetate	4.569	43	10613	12.990	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	61172	18.776	ug/l	97
20) Methylene Chloride	4.805	84	43103	23.372	ug/l	97
21) trans-1,2-Dichloroethene	5.322	96	37741	20.922	ug/l	94
22) Diisopropyl ether	6.222	45	83034	19.887	ug/l #	96
23) Vinyl Acetate	6.158	43	236697	131.687	ug/l	95
24) 1,1-Dichloroethane	6.116	63	61568	20.816	ug/l	94
25) 2-Butanone	7.087	43	34660	79.222	ug/l #	87
26) 2,2-Dichloropropane	7.087	77	50305	20.288	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	40428	20.427	ug/l	93
28) Bromochloromethane	7.434	49	22504	19.210	ug/l	88
29) Tetrahydrofuran	7.446	42	20221	89.401	ug/l	90
30) Chloroform	7.599	83	63591	20.320	ug/l	99
31) Cyclohexane	7.881	56	52508	20.409	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	58730	22.012	ug/l	98
36) 1,1-Dichloropropene	8.010	75	49913	20.970	ug/l	95
37) Ethyl Acetate	7.175	43	14940	17.905	ug/l #	93
38) Carbon Tetrachloride	7.993	117	51528	21.860	ug/l	89
39) Methylcyclohexane	9.275	83	55647	19.693	ug/l	97
40) Benzene	8.257	78	144046	20.937	ug/l	92

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8319	19.158	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	35492	19.937	ug/l	96
43) Isopropyl Acetate	8.363	43	27675	17.912	ug/l #	79
44) Trichloroethene	9.034	130	38811	22.112	ug/l	97
45) 1,2-Dichloropropane	9.310	63	34498	20.437	ug/l	95
46) Dibromomethane	9.399	93	19116	20.133	ug/l	94
47) Bromodichloromethane	9.587	83	49619	21.099	ug/l	93
48) Methyl methacrylate	9.381	41	12852	15.679	ug/l	83
49) 1,4-Dioxane	9.399	88	3856	375.012	ug/l #	85
51) 4-Methyl-2-Pentanone	10.163	43	72555	88.477	ug/l	90
52) Toluene	10.334	92	91561	21.045	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	43180	20.123	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	53271	20.473	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	26148	20.450	ug/l	95
56) Ethyl methacrylate	10.599	69	25418	21.494	ug/l	92
57) 1,3-Dichloropropane	10.881	76	44016	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	57059	81.914	ug/l	97
59) 2-Hexanone	10.922	43	53684	87.111	ug/l	90
60) Dibromochloromethane	11.075	129	30448	19.792	ug/l	91
61) 1,2-Dibromoethane	11.181	107	26000	21.660	ug/l	93
64) Tetrachloroethene	10.810	164	29569	21.178	ug/l	88
65) Chlorobenzene	11.610	112	96744	21.770	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	32077	19.641	ug/l	98
67) Ethyl Benzene	11.687	91	170527	21.416	ug/l	96
68) m/p-Xylenes	11.793	106	130657	42.067	ug/l	88
69) o-Xylene	12.122	106	60000	21.169	ug/l	90
70) Styrene	12.134	104	106529	23.029	ug/l	99
71) Bromoform	12.298	173	18049	20.997	ug/l #	99
73) Isopropylbenzene	12.422	105	159862	21.398	ug/l	95
74) N-amyl acetate	12.234	43	25854	18.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28271	19.077	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	32984	34.921	ug/l #	100
77) Bromobenzene	12.704	156	37933	21.605	ug/l	93
78) n-propylbenzene	12.763	91	201146	21.605	ug/l	97
79) 2-Chlorotoluene	12.851	91	105156	21.088	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	135216	21.797	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8857	19.467	ug/l	98
82) 4-Chlorotoluene	12.951	91	112543	21.014	ug/l	96
83) tert-Butylbenzene	13.169	119	111161	21.247	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	131349	20.863	ug/l	98
85) sec-Butylbenzene	13.345	105	175311	21.607	ug/l	96
86) p-Isopropyltoluene	13.463	119	145408	21.041	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	77913	20.792	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	80029	21.735	ug/l	99
89) n-Butylbenzene	13.787	91	136693	20.521	ug/l	97
90) Hexachloroethane	14.057	117	29708	20.915	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	66061	20.994	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3789	19.526	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	37876	20.481	ug/l	99
94) Hexachlorobutadiene	15.204	225	20916	21.668	ug/l	97
95) Naphthalene	15.334	128	64191	18.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	32709	20.869	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

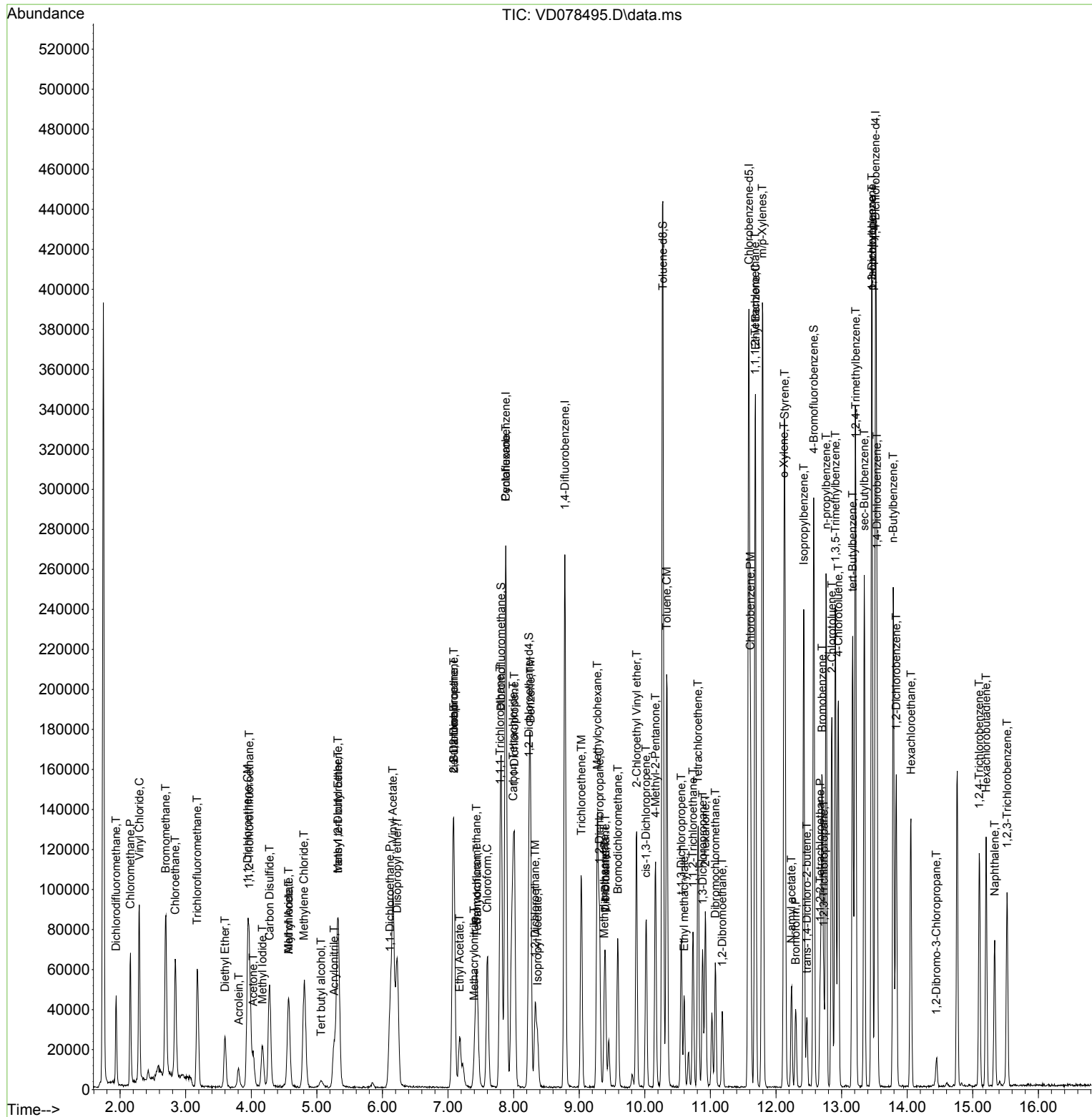
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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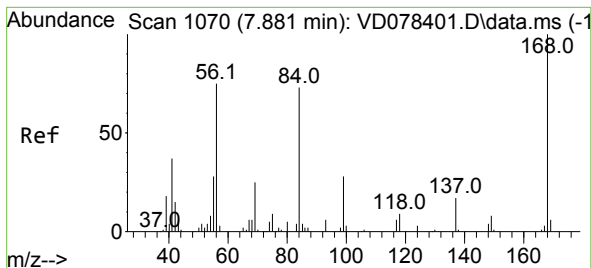
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

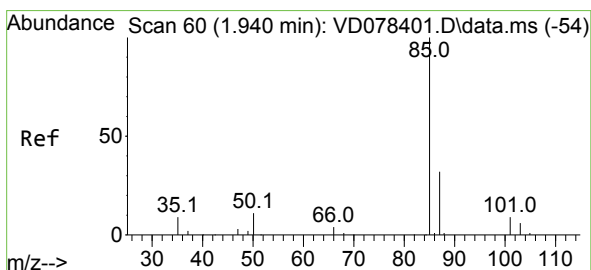
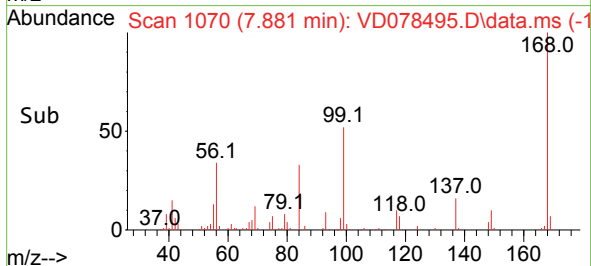
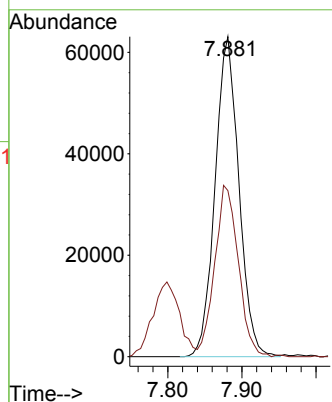
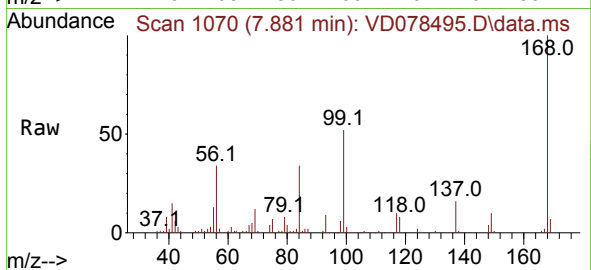
VD0221SBSD01

Tgt Ion:168 Resp: 140663

Ion Ratio Lower Upper

168 100

99 51.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 23.751 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.000 min

Lab File: VD078495.D

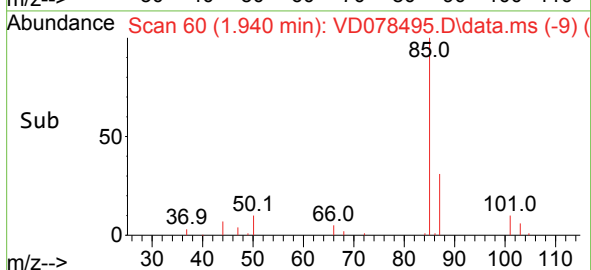
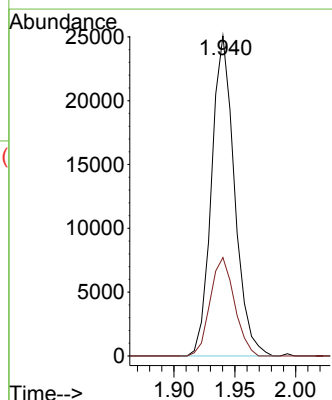
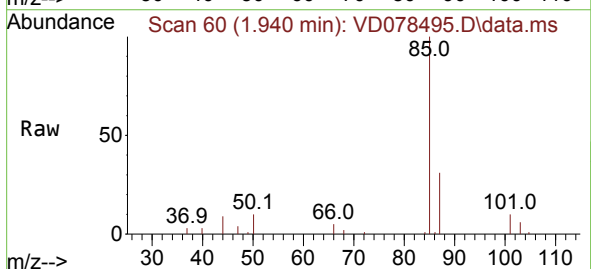
Acq: 21 Feb 2024 13:27

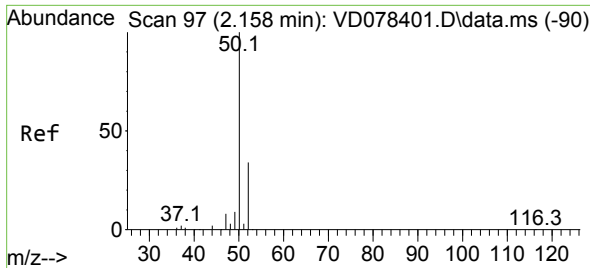
Tgt Ion: 85 Resp: 32917

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.0

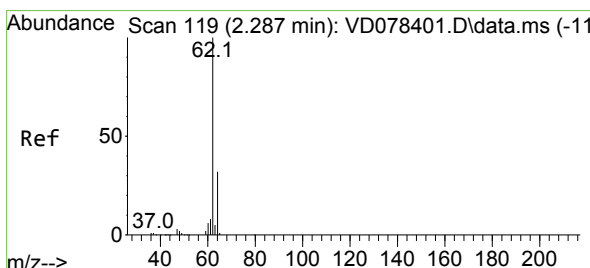
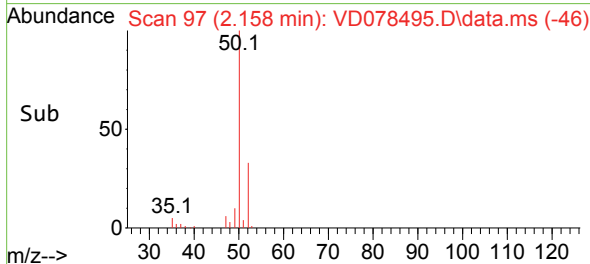
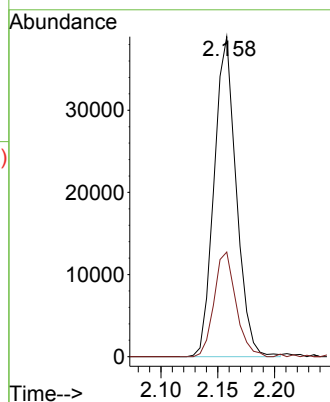
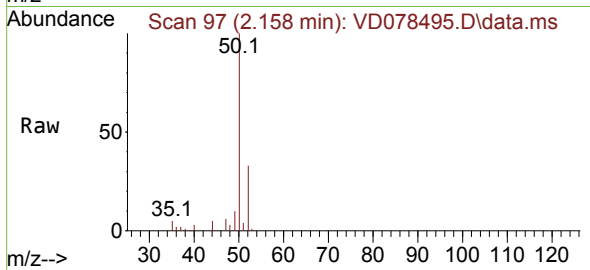




#3
Chloromethane
Concen: 20.734 ug/l
RT: 2.158 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

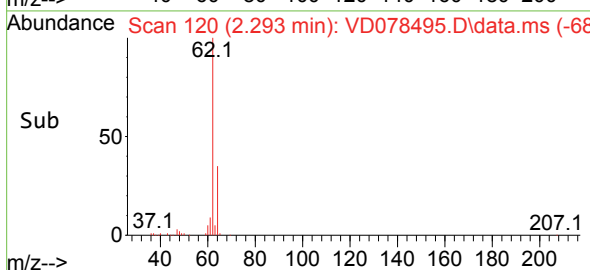
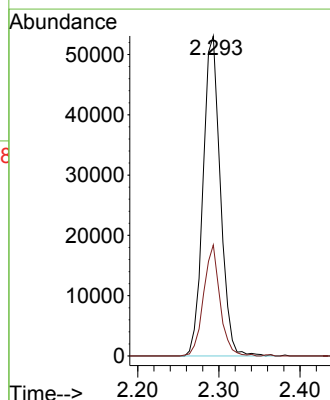
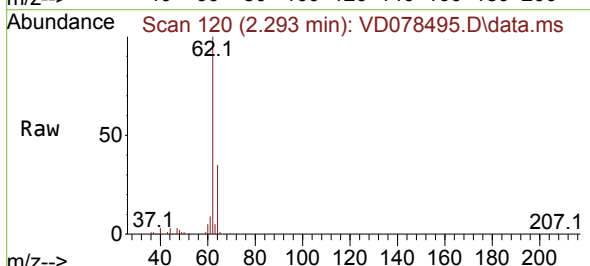
Instrument :
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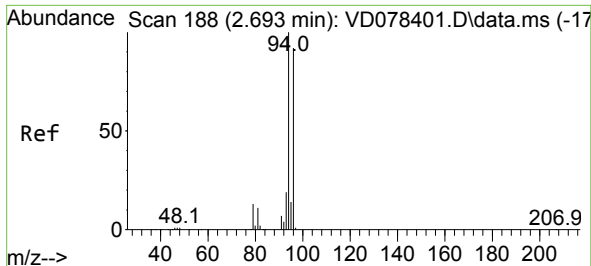
Tgt Ion: 50 Resp: 52809
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 20.187 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 62 Resp: 78458
Ion Ratio Lower Upper
62 100
64 34.7 26.0 39.0

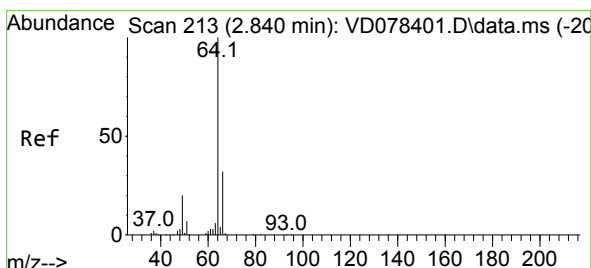
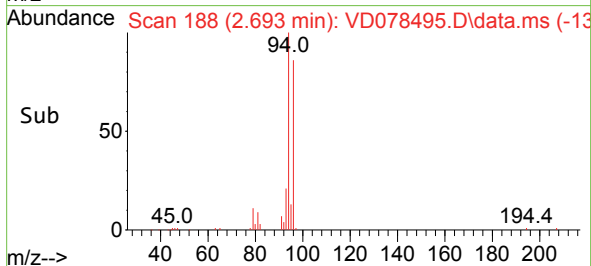
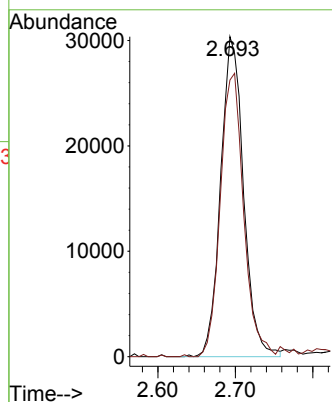
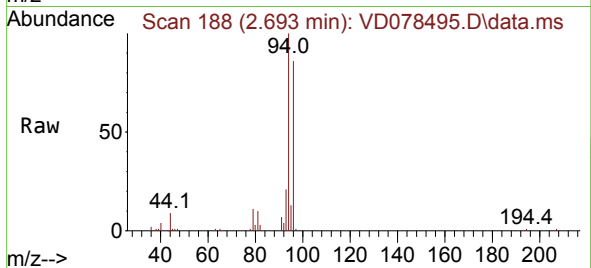




#5
Bromomethane
Concen: 23.272 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

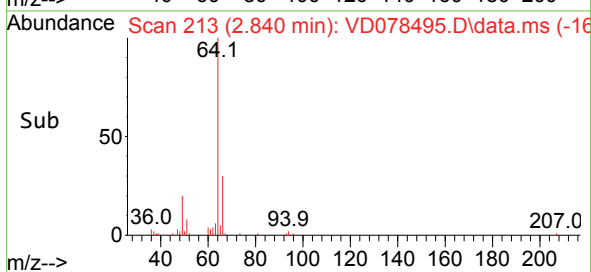
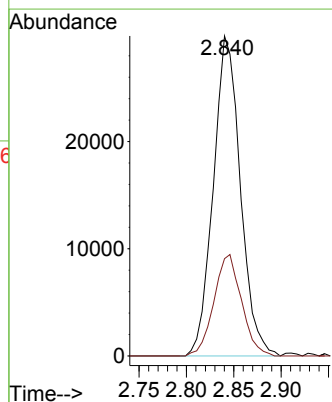
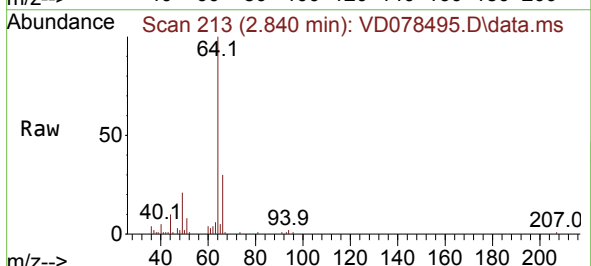
Instrument :
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ClientSampleId :
VD0221SBSD01

Tgt Ion: 94 Resp: 62431
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.8



#6
Chloroethane
Concen: 20.948 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 64 Resp: 59368
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3

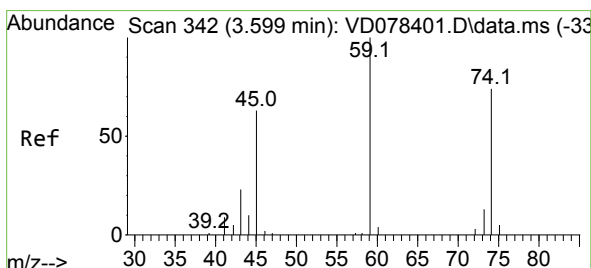
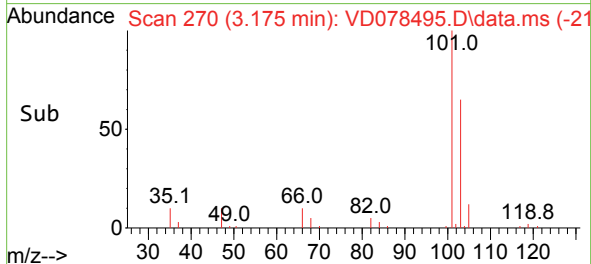
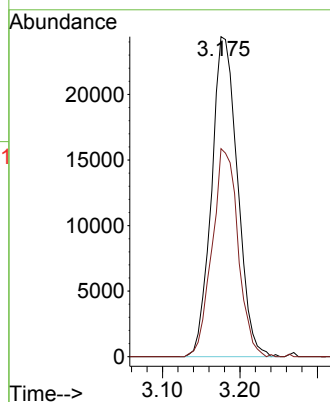
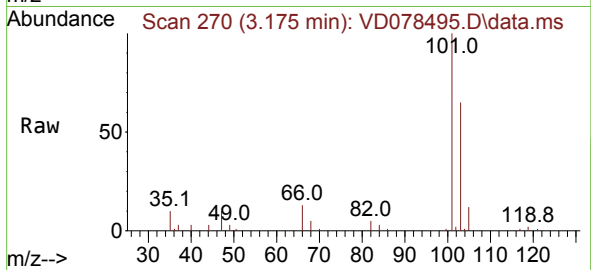




#7
 Trichlorofluoromethane
 Concen: 21.653 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

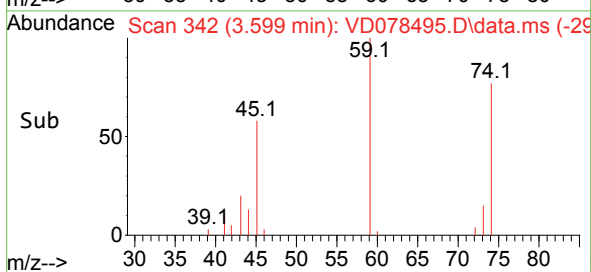
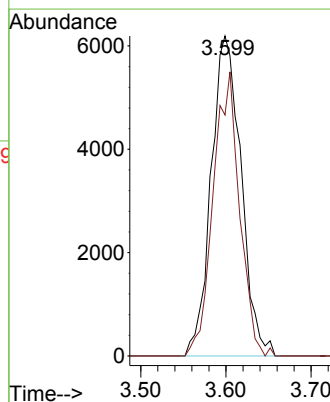
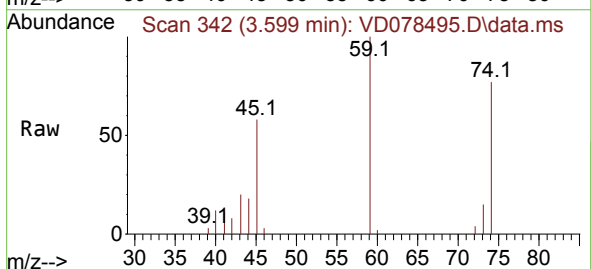
Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:101 Resp: 56769
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.997 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion: 74 Resp: 15101
 Ion Ratio Lower Upper
 74 100
 45 78.2 37.5 112.7

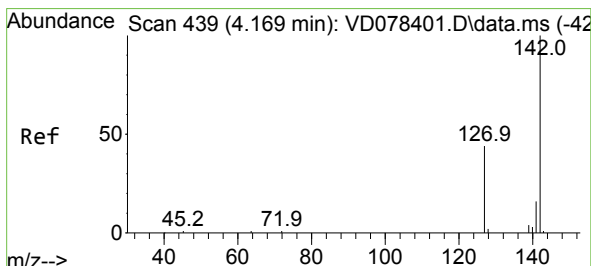
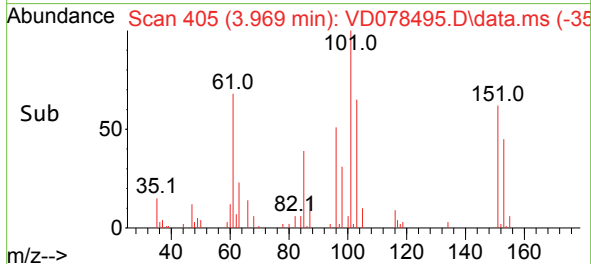
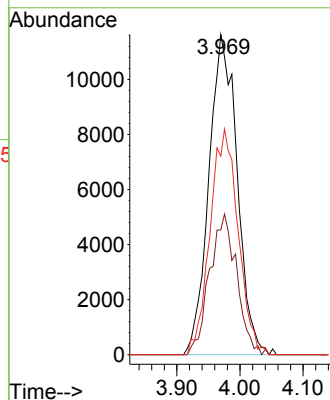
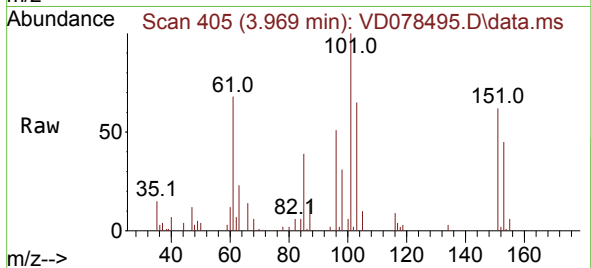




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.847 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

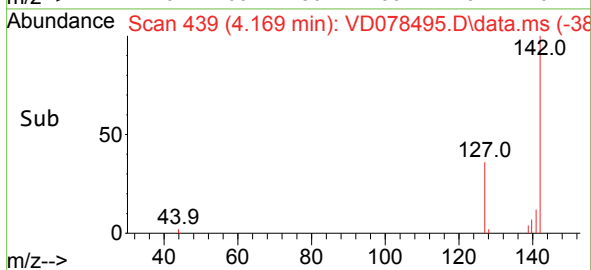
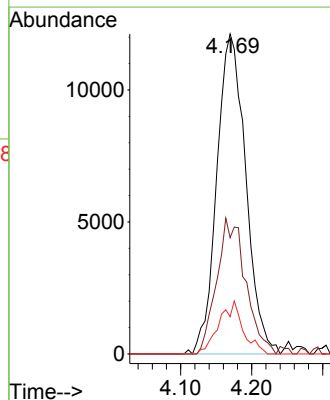
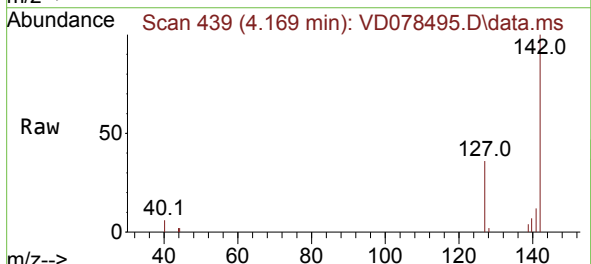
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

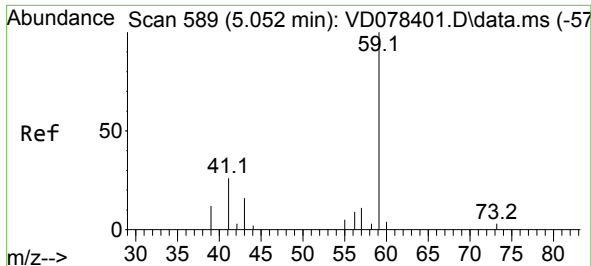
Tgt Ion:	101	Resp:	36134
Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.8	50.6
151	70.0	59.8	89.6



#10
Methyl Iodide
Concen: 23.136 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:	142	Resp:	34274
Ion	Ratio	Lower	Upper
142	100		
127	42.3	29.4	44.0
141	13.8	11.1	16.7





#11

Tert butyl alcohol

Concen: 77.676 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

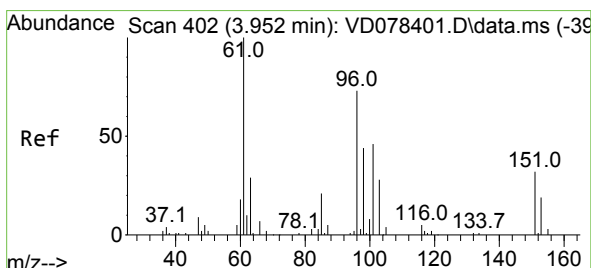
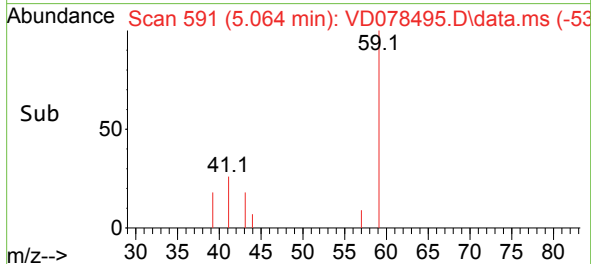
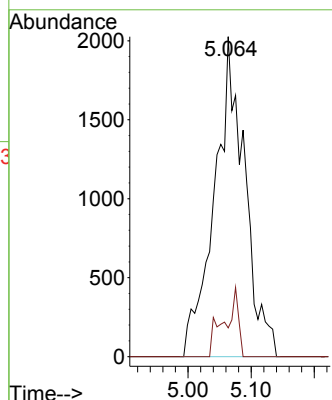
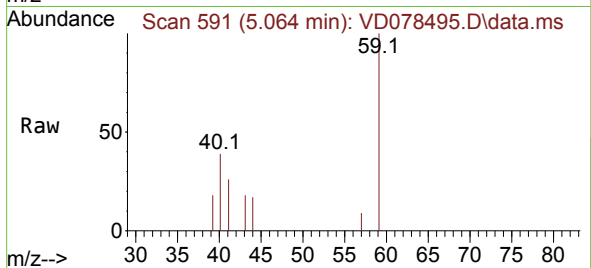
VD0221SBSD01

Tgt Ion: 59 Resp: 6724

Ion Ratio Lower Upper

59 100

57 4.6 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 21.332 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

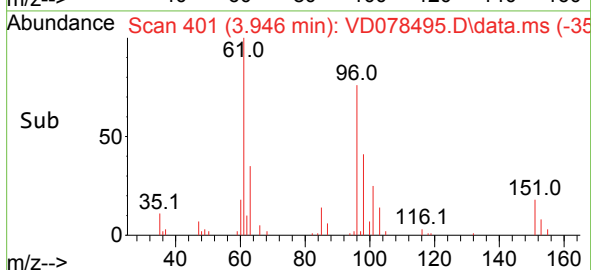
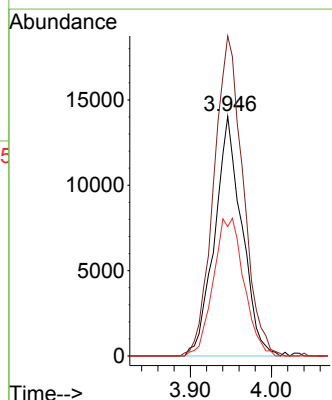
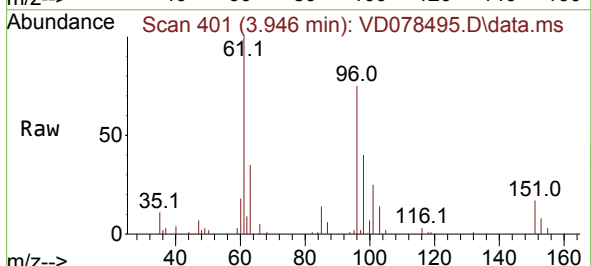
Tgt Ion: 96 Resp: 32710

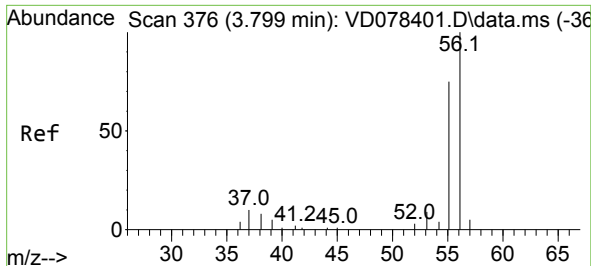
Ion Ratio Lower Upper

96 100

61 133.5 100.6 150.8

98 54.0 50.2 75.2





#13

Acrolein

Concen: 77.335 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

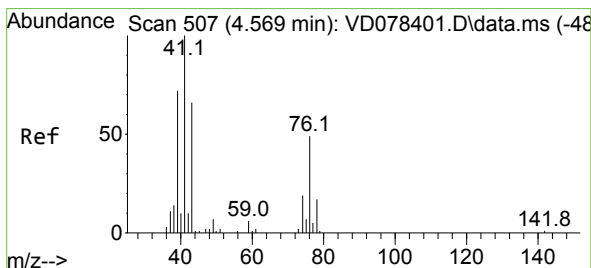
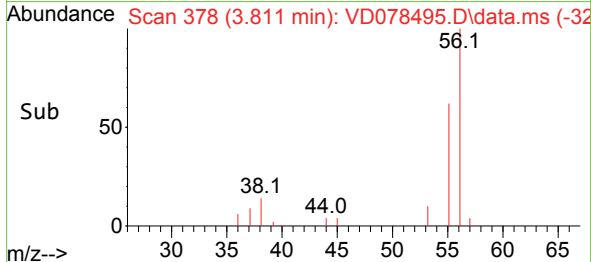
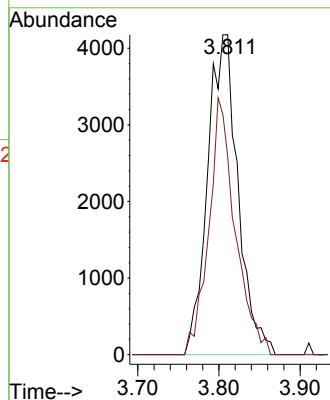
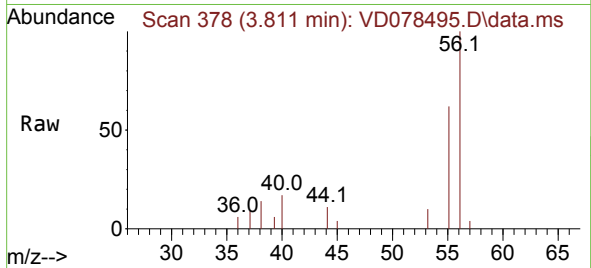
VD0221SBSD01

Tgt Ion: 56 Resp: 10866

Ion Ratio Lower Upper

56 100

55 69.8 55.1 82.7



#14

Allyl chloride

Concen: 19.889 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

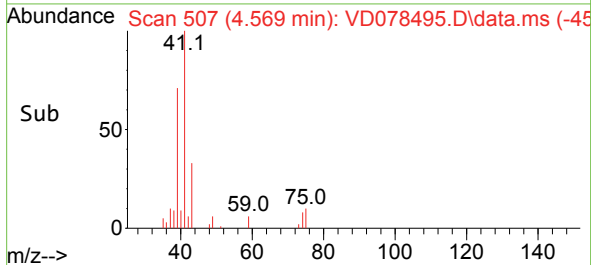
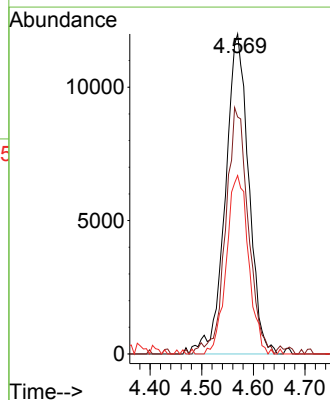
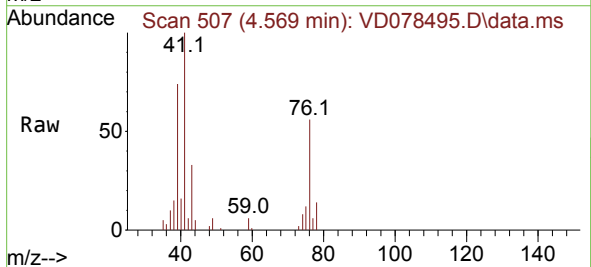
Tgt Ion: 41 Resp: 37676

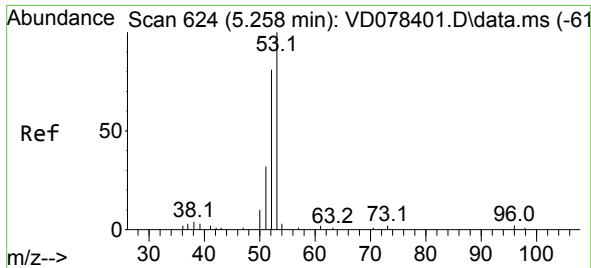
Ion Ratio Lower Upper

41 100

39 74.4 53.8 80.6

76 52.6 45.8 68.8

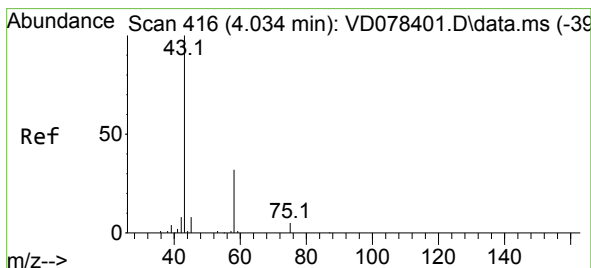
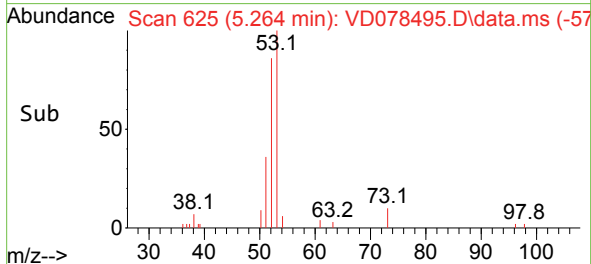
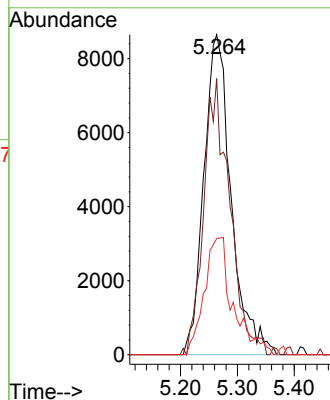
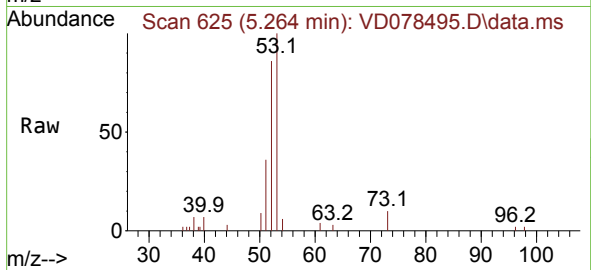




#15
Acrylonitrile
Concen: 89.235 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

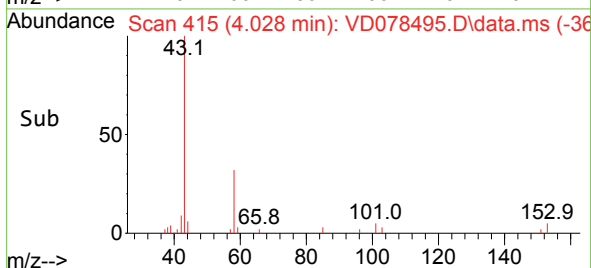
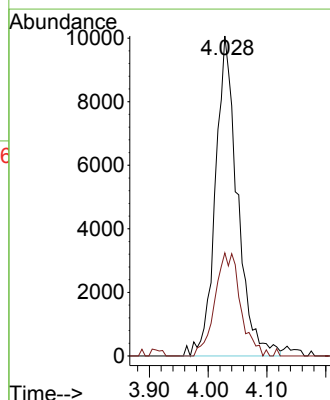
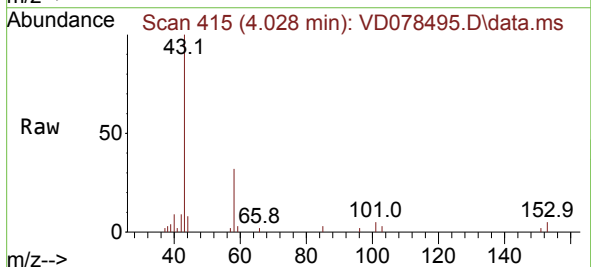
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

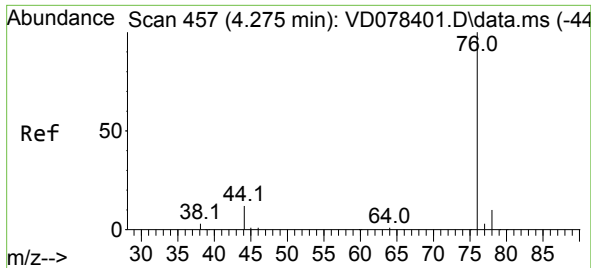
Tgt Ion: 53 Resp: 28847
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 38.3 28.3 42.5



#16
Acetone
Concen: 71.078 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 43 Resp: 26227
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#

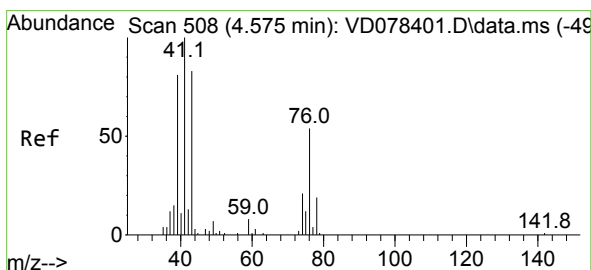
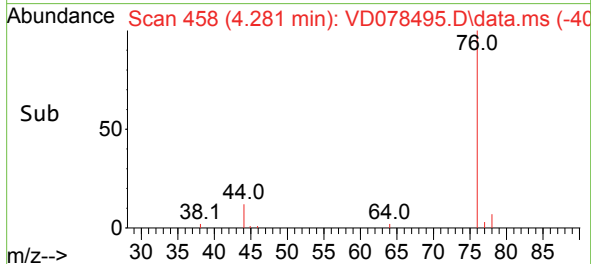
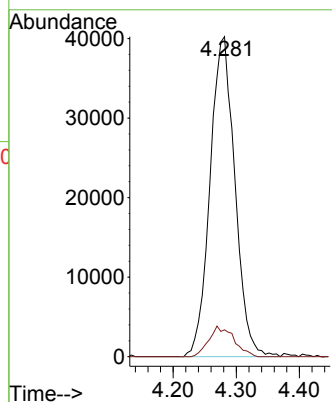
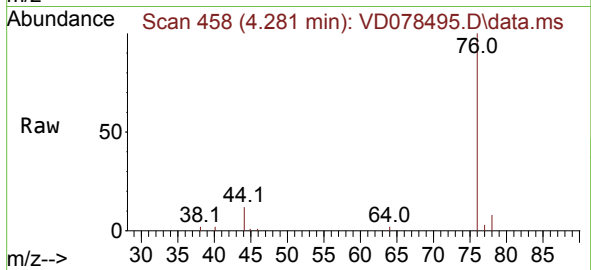




#17
Carbon Disulfide
Concen: 21.351 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

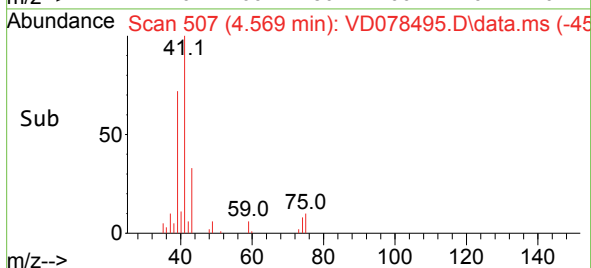
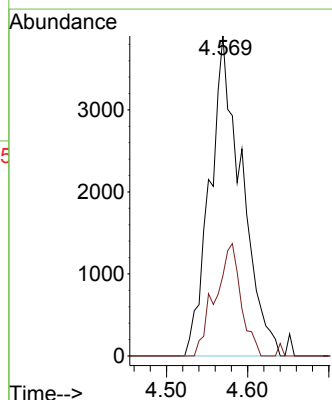
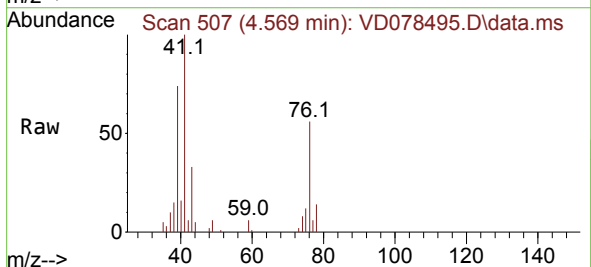
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

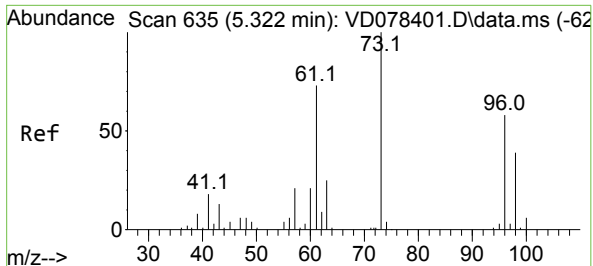
Tgt Ion: 76 Resp: 110165
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 12.990 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 43 Resp: 10613
Ion Ratio Lower Upper
43 100
74 28.4 26.4 39.6

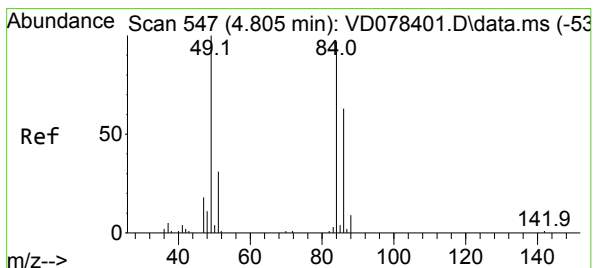
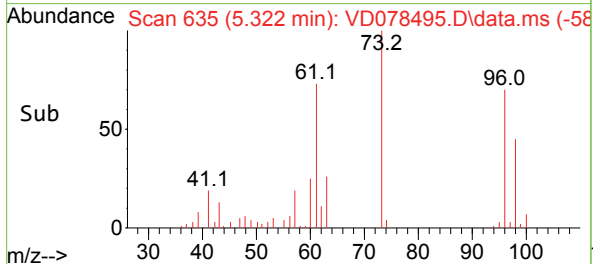
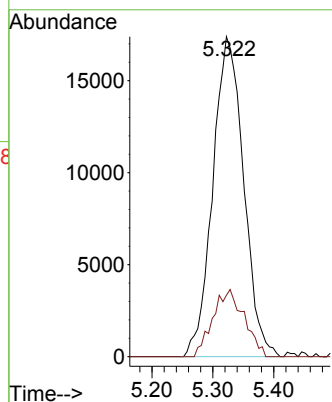
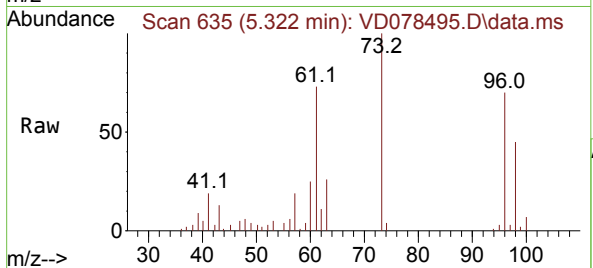




#19
Methyl tert-butyl Ether
Concen: 18.776 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

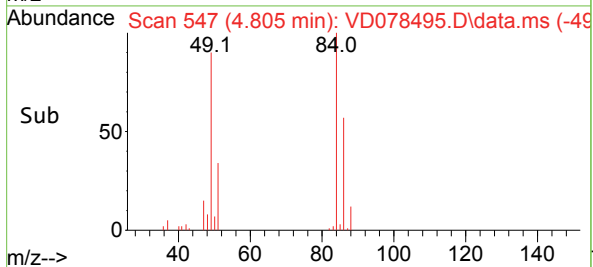
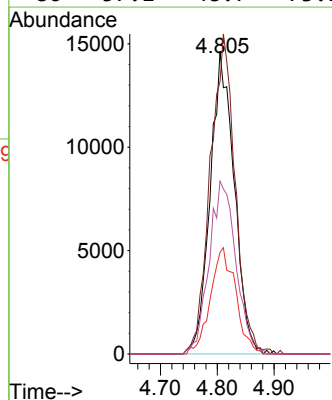
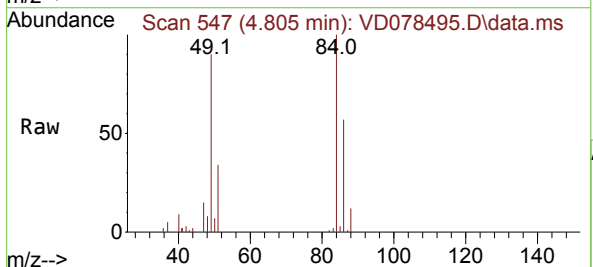
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

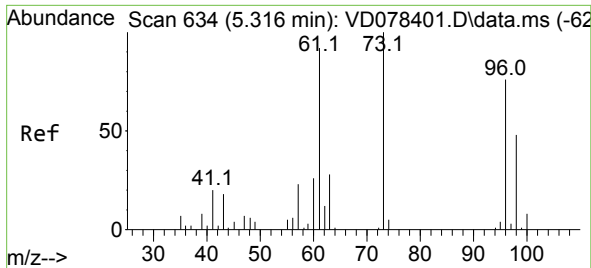
Tgt Ion: 73 Resp: 61172
Ion Ratio Lower Upper
73 100
57 19.2 16.6 25.0



#20
Methylene Chloride
Concen: 23.372 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 84 Resp: 43103
Ion Ratio Lower Upper
84 100
49 90.0 71.4 107.2
51 33.6 24.5 36.7
86 57.1 48.7 73.1

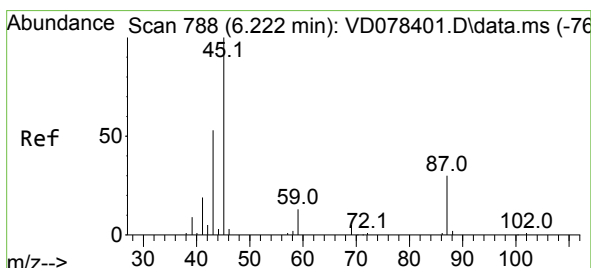
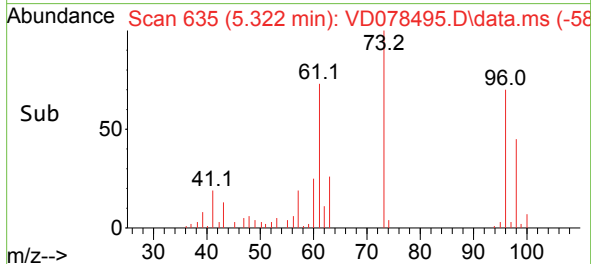
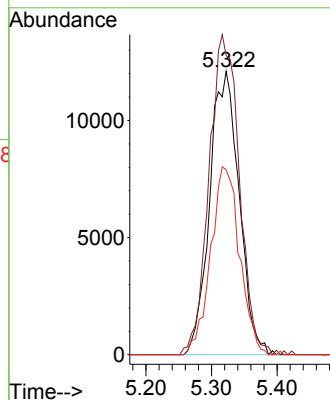
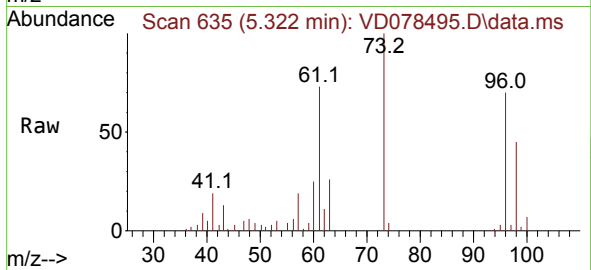




#21
trans-1,2-Dichloroethene
Concen: 20.922 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

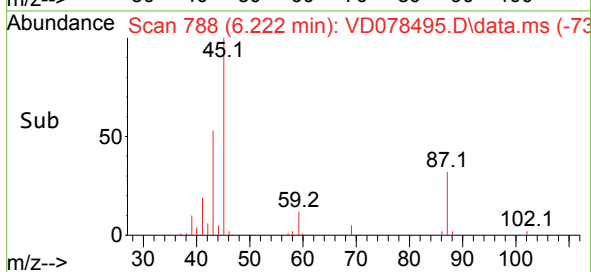
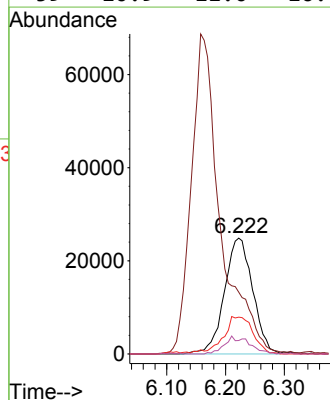
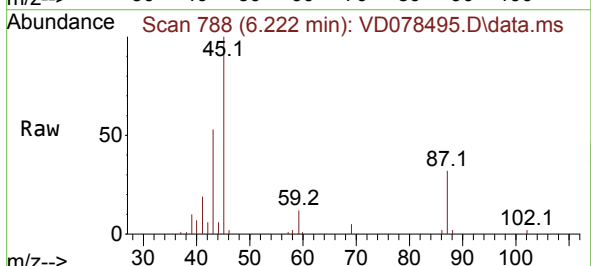
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

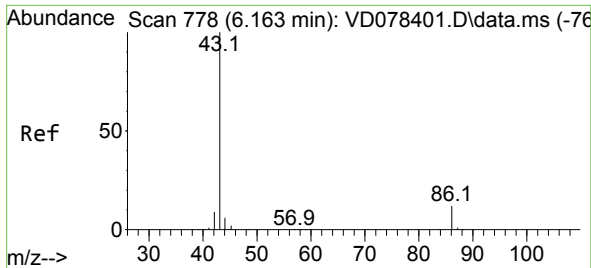
Tgt Ion: 96 Resp: 37741
Ion Ratio Lower Upper
96 100
61 105.6 89.3 133.9
98 65.3 48.6 73.0



#22
Diisopropyl ether
Concen: 19.887 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 45 Resp: 83034
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 31.8 28.2 42.4
59 10.9 11.0 16.4#

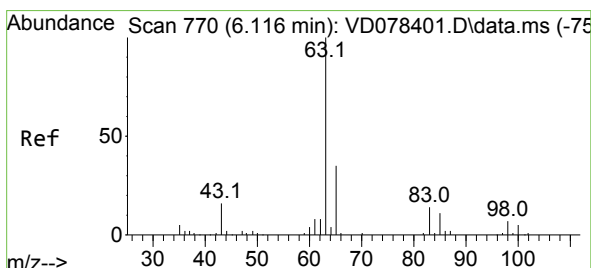
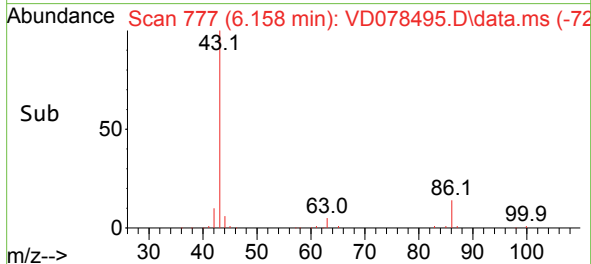
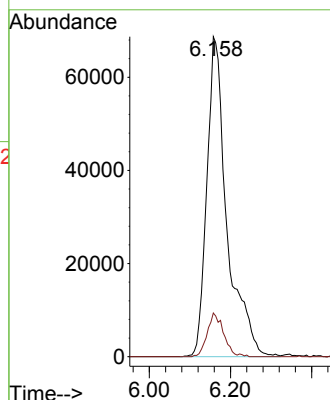
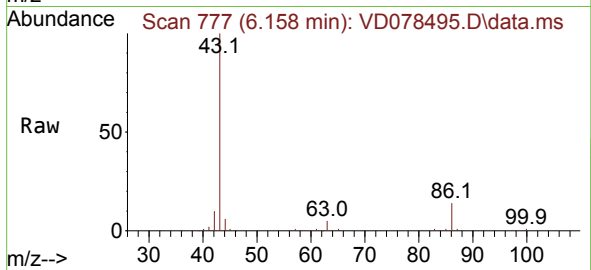




#23
 Vinyl Acetate
 Concen: 131.687 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

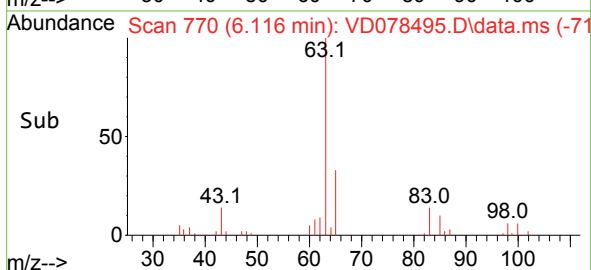
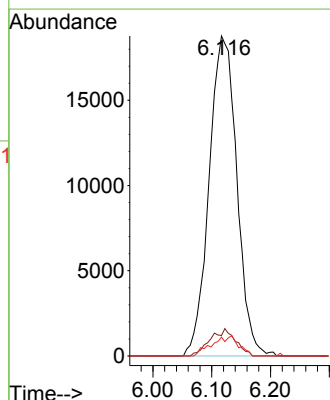
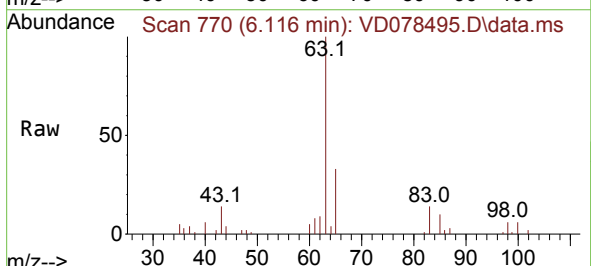
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

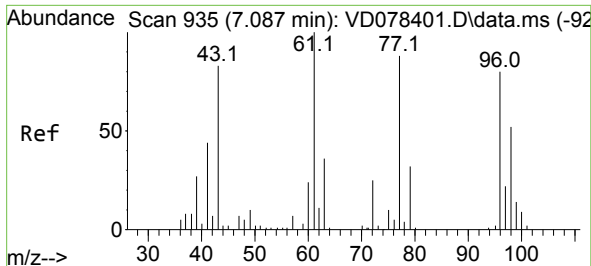
Tgt Ion: 43 Resp: 236697
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.816 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion: 63 Resp: 61568
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 5.9 2.5 7.5





#25

2-Butanone

Concen: 79.222 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

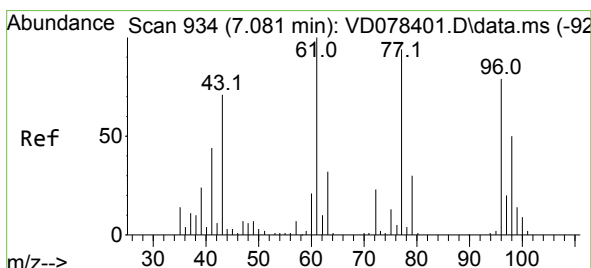
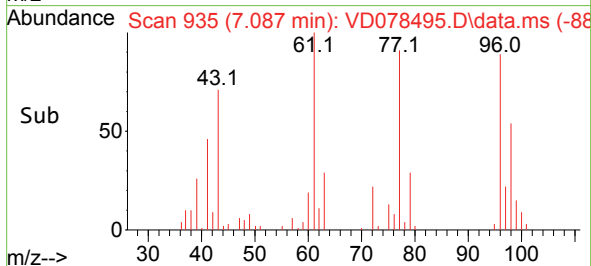
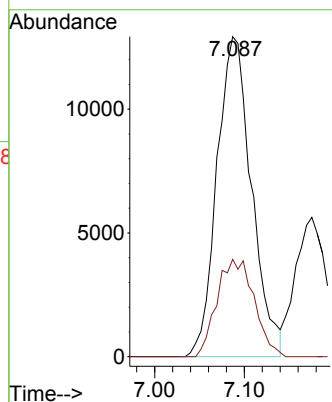
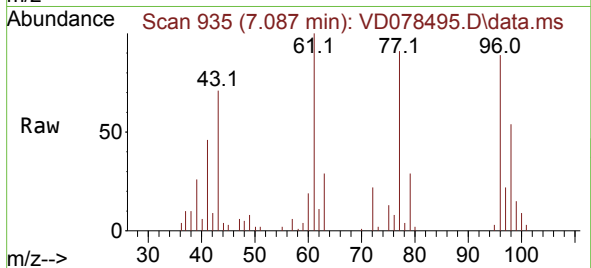
VD0221SBSD01

Tgt Ion: 43 Resp: 34660

Ion Ratio Lower Upper

43 100

72 30.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.288 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD078495.D

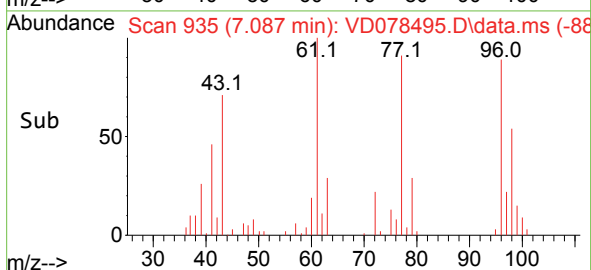
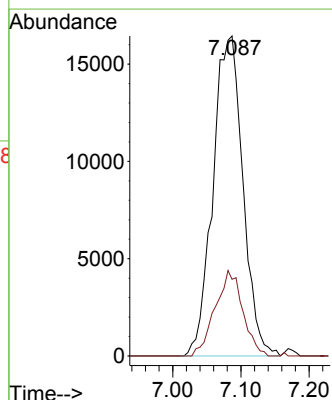
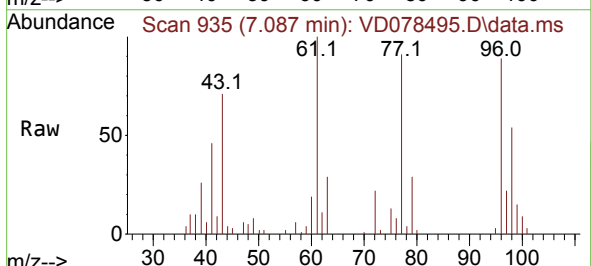
Acq: 21 Feb 2024 13:27

Tgt Ion: 77 Resp: 50305

Ion Ratio Lower Upper

77 100

97 24.5 13.2 39.6

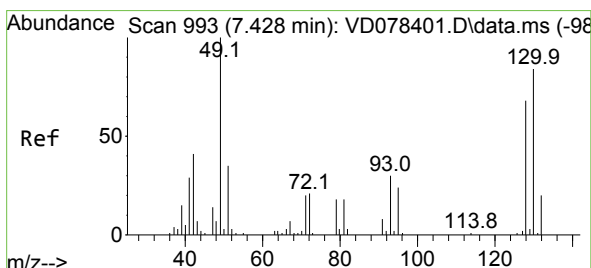
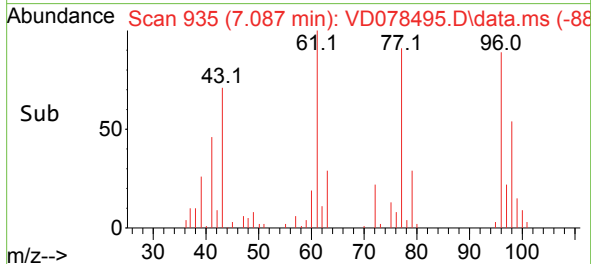
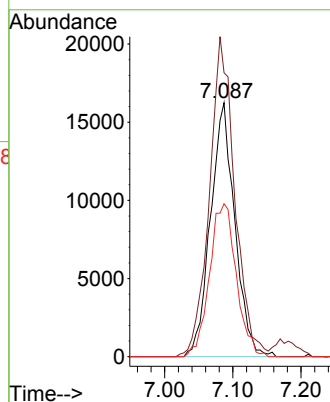
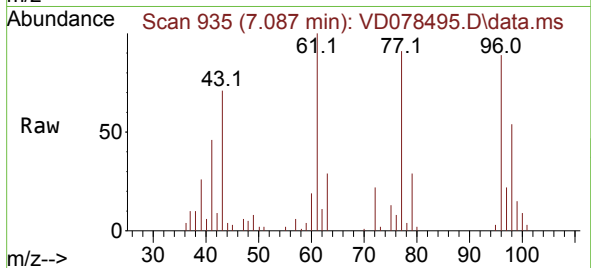




#27
 cis-1,2-Dichloroethene
 Concen: 20.427 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

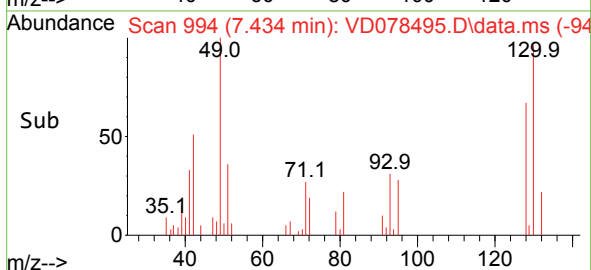
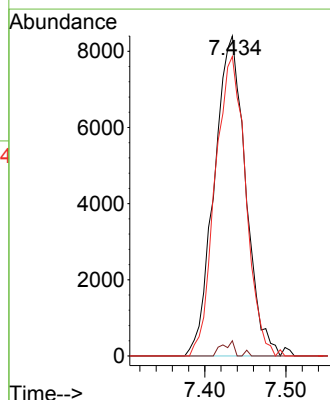
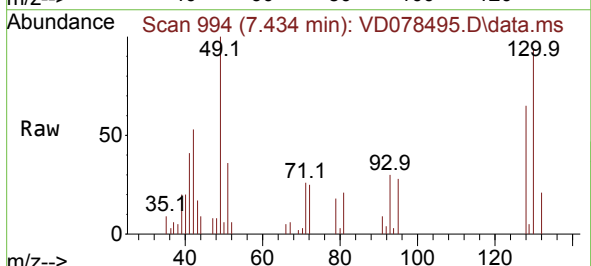
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

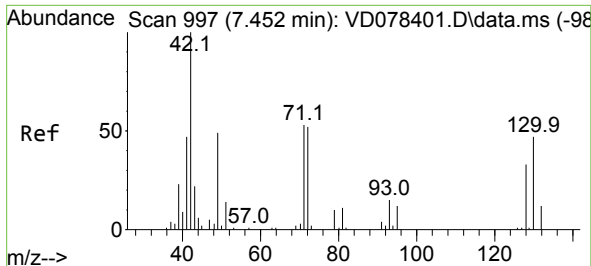
Tgt Ion: 96 Resp: 40428
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 239.2
 98 66.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.210 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion: 49 Resp: 22504
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 91.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 89.401 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

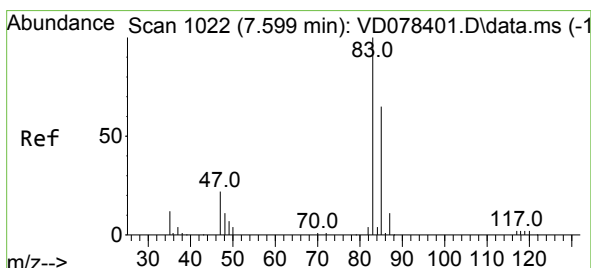
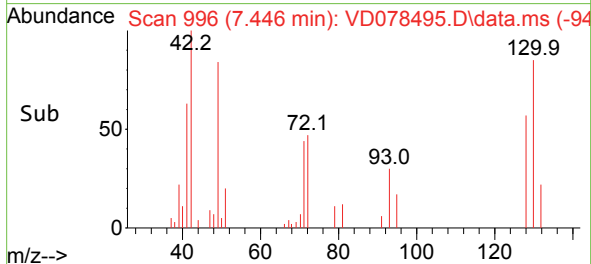
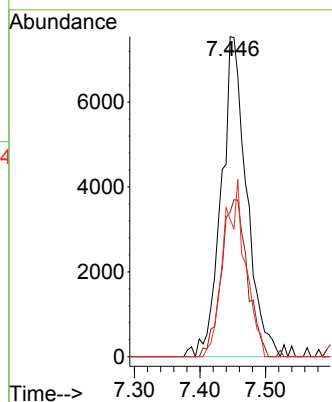
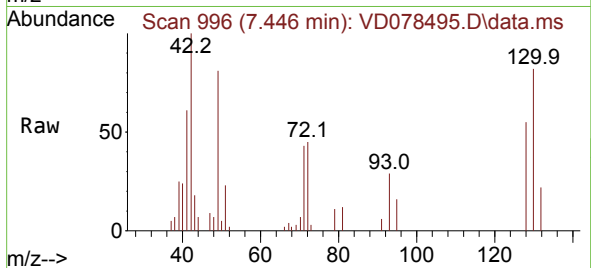
Tgt Ion: 42 Resp: 20221

Ion Ratio Lower Upper

42 100

72 50.4 46.5 69.7

71 48.0 44.5 66.7



#30

Chloroform

Concen: 20.320 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078495.D

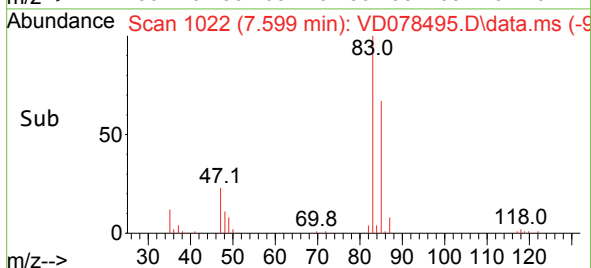
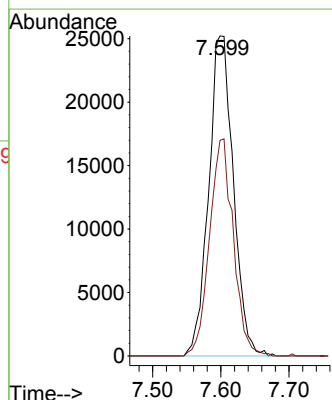
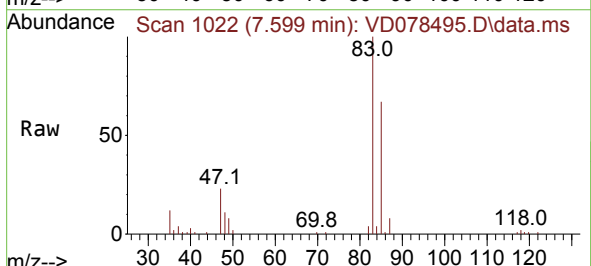
Acq: 21 Feb 2024 13:27

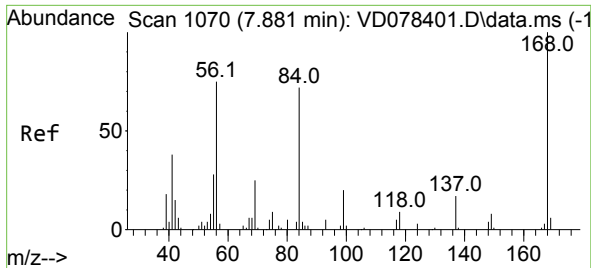
Tgt Ion: 83 Resp: 63591

Ion Ratio Lower Upper

83 100

85 67.4 53.4 80.2

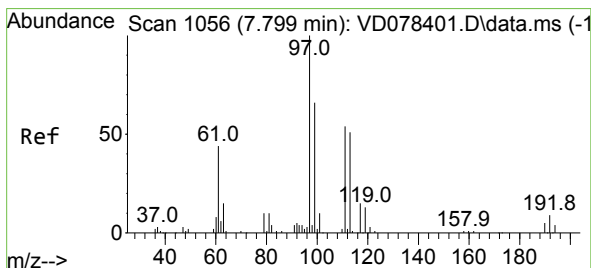
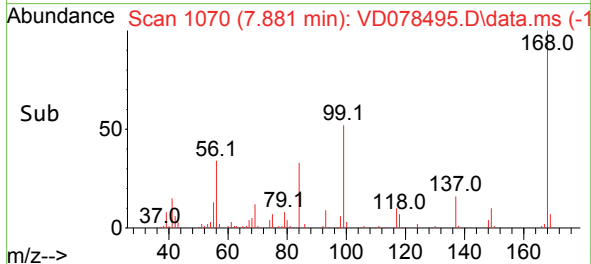
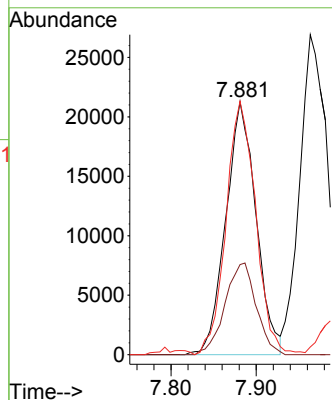
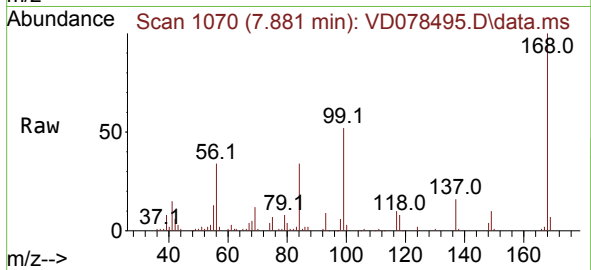




#31
Cyclohexane
Concen: 20.409 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

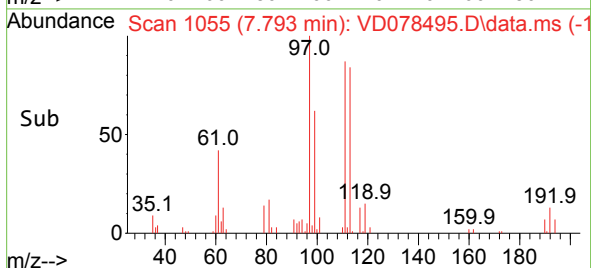
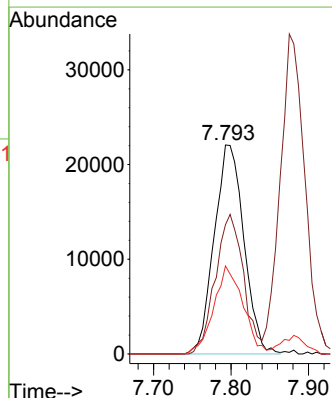
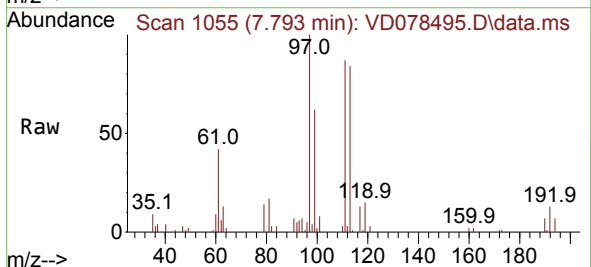
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

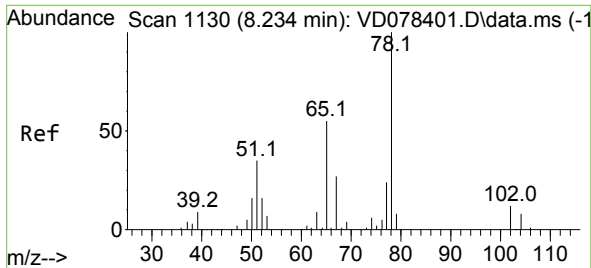
Tgt Ion: 56 Resp: 52508
Ion Ratio Lower Upper
56 100
69 35.6 28.6 43.0
84 98.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.012 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 97 Resp: 58730
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 41.4 33.8 50.8

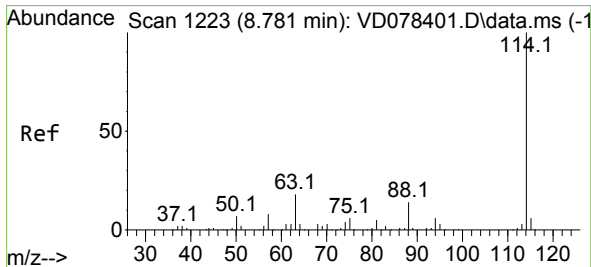
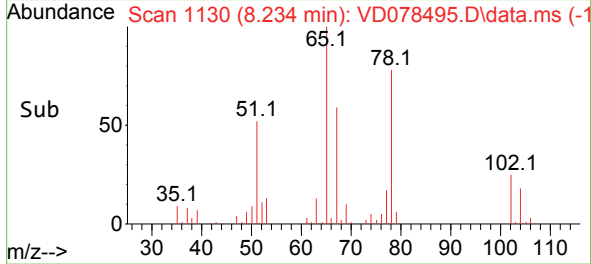
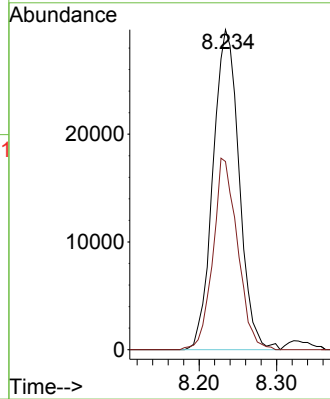
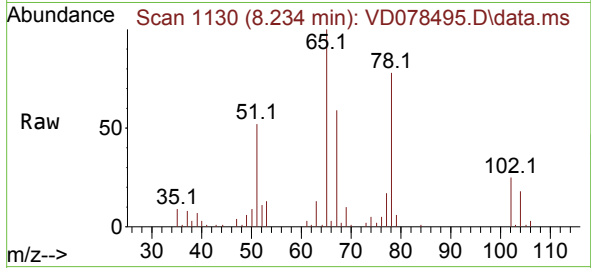




#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

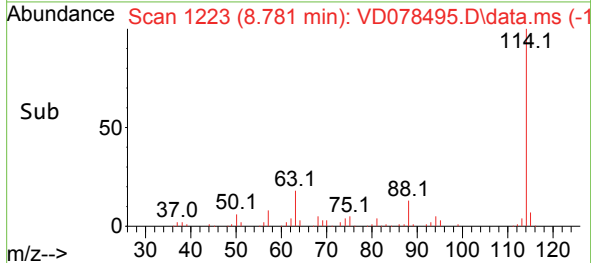
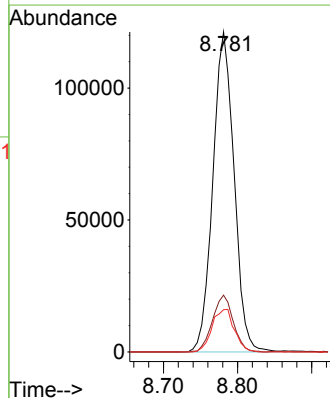
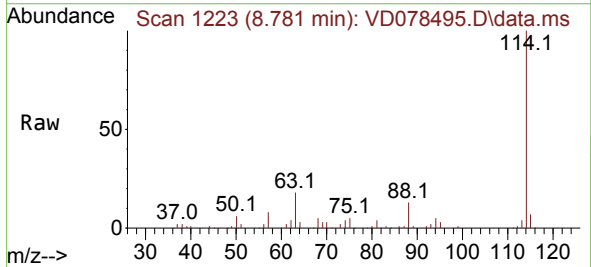
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

Tgt Ion: 65 Resp: 69939
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 114 Resp: 241209
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.940 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078495.D

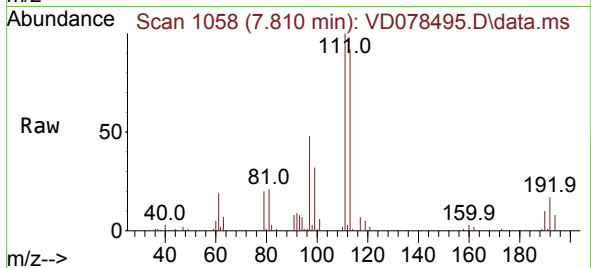
Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01



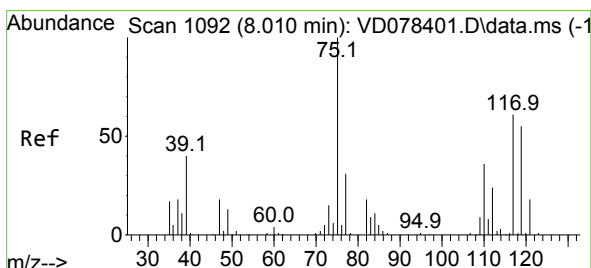
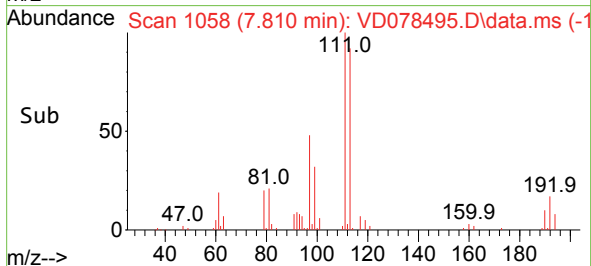
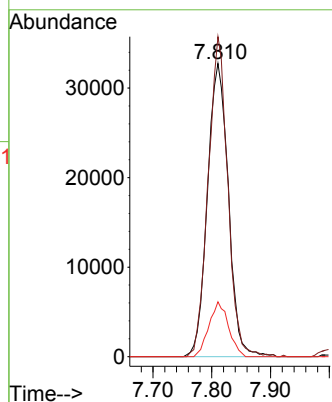
Tgt Ion:113 Resp: 81115

Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 17.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.970 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

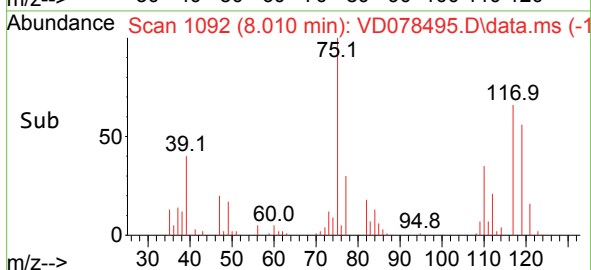
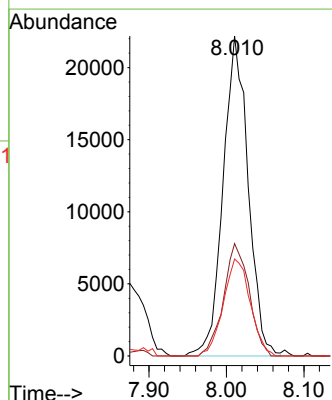
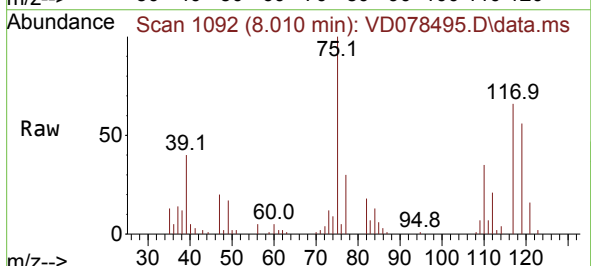
Tgt Ion: 75 Resp: 49913

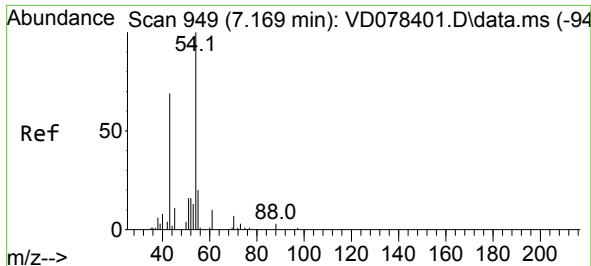
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 32.5 24.7 37.1





#37

Ethyl Acetate

Concen: 17.905 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

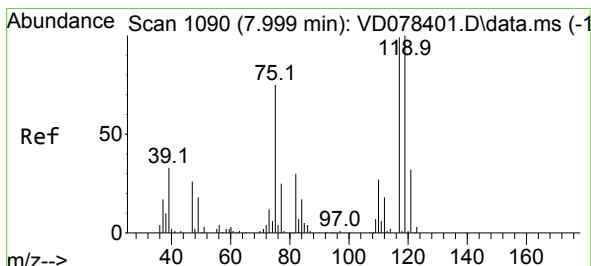
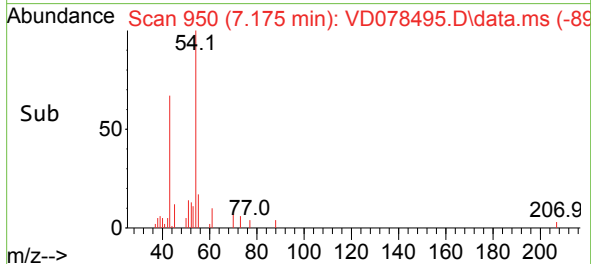
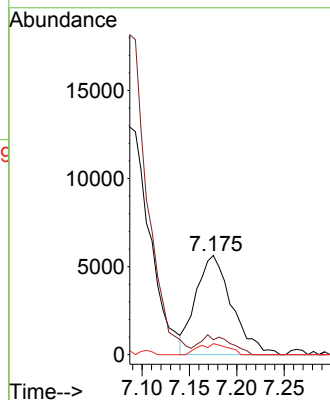
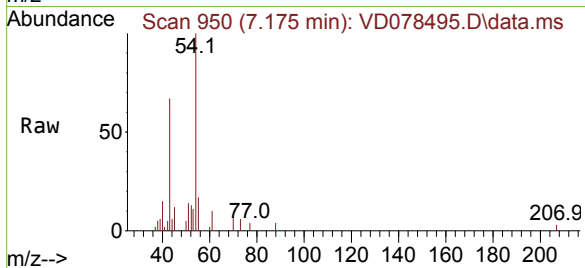
Tgt Ion: 43 Resp: 14940

Ion Ratio Lower Upper

43 100

61 16.4 14.9 22.3

70 9.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 21.860 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

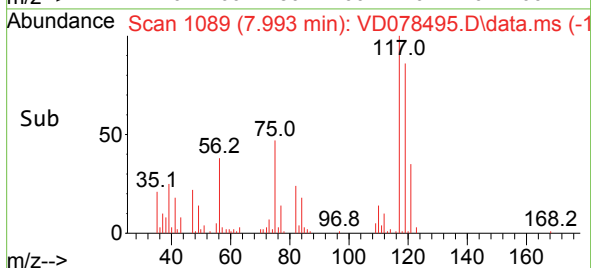
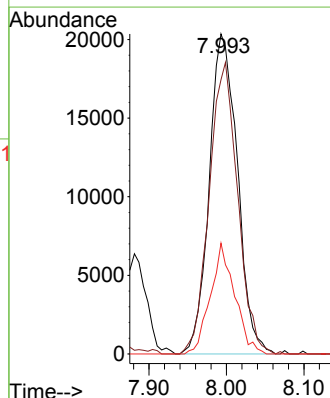
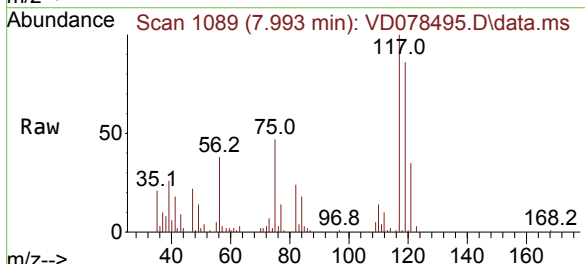
Tgt Ion: 117 Resp: 51528

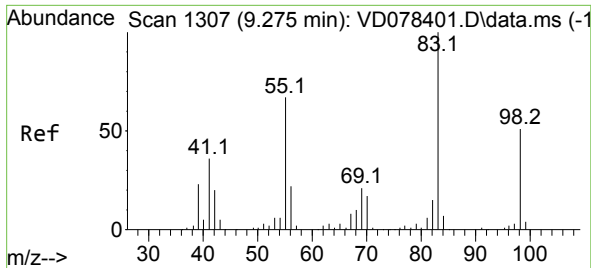
Ion Ratio Lower Upper

117 100

119 85.7 78.0 117.0

121 34.6 24.2 36.2

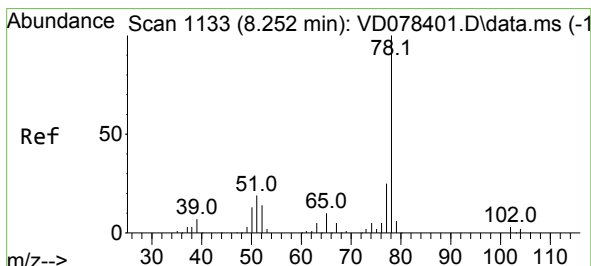
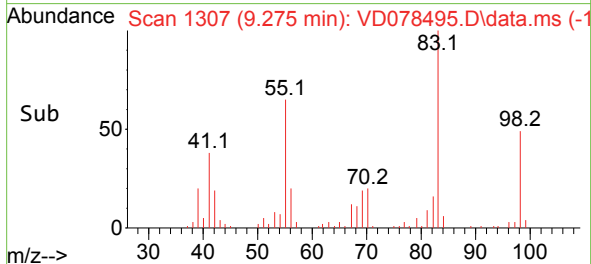
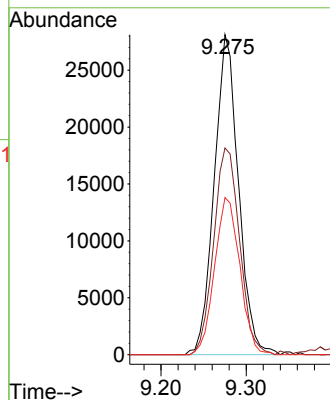
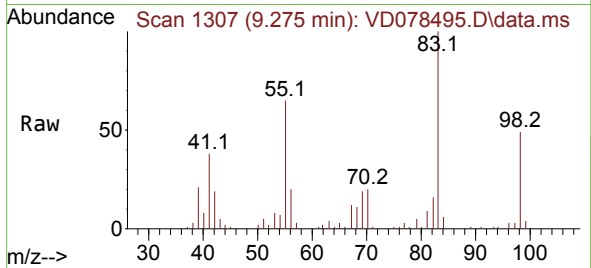




#39
Methylcyclohexane
Concen: 19.693 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

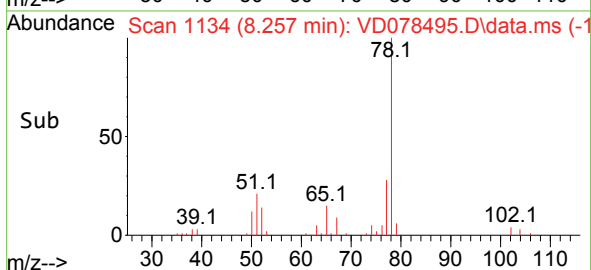
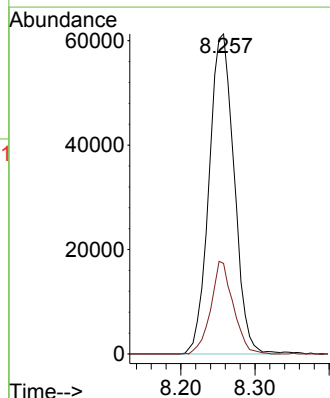
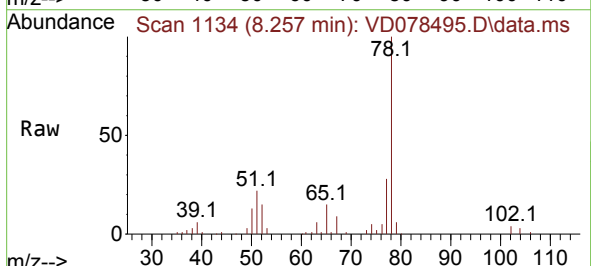
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

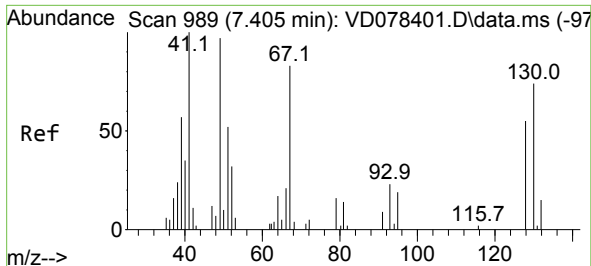
Tgt Ion: 83 Resp: 55647
Ion Ratio Lower Upper
83 100
55 64.6 49.4 74.0
98 49.1 38.4 57.6



#40
Benzene
Concen: 20.937 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 78 Resp: 144046
Ion Ratio Lower Upper
78 100
77 28.3 19.4 29.0

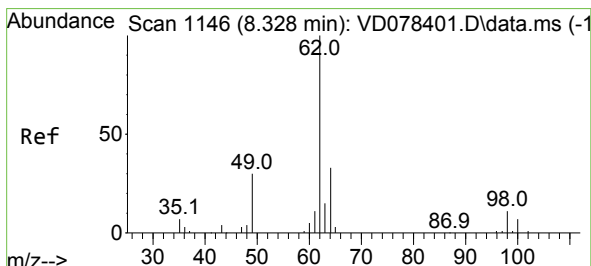
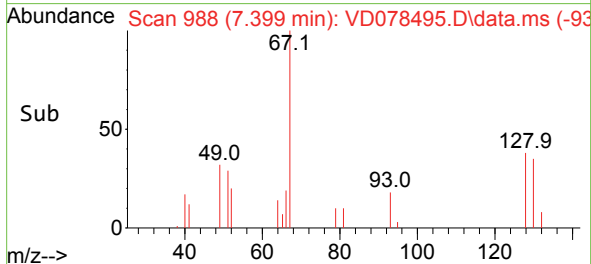
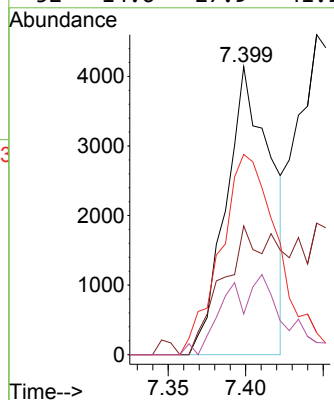
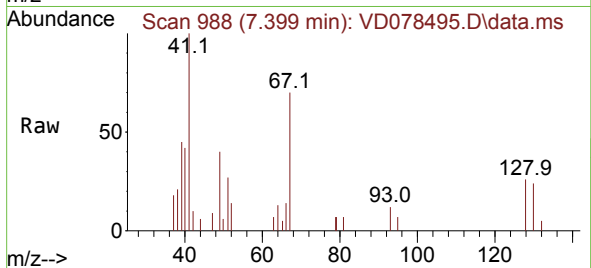




#41
Methacrylonitrile
Concen: 19.158 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

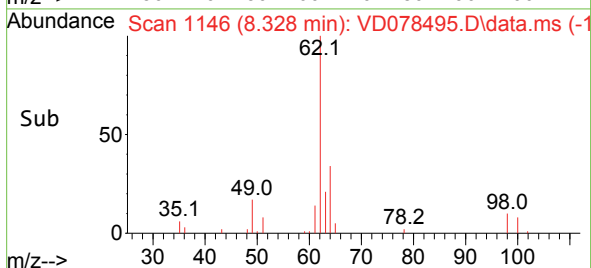
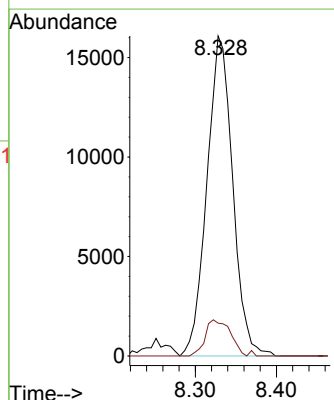
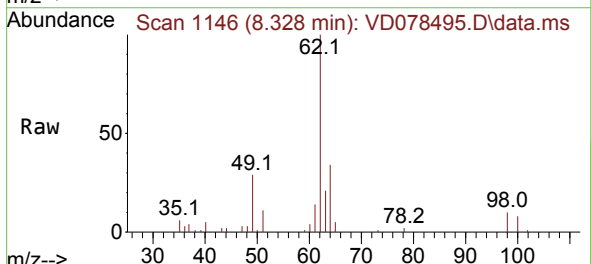
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

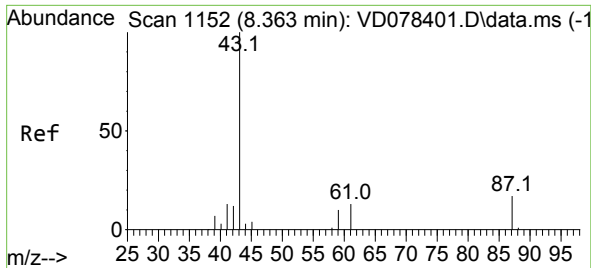
Tgt Ion: 41	Resp: 8319
Ion Ratio	Lower Upper
41 100	
39 38.4	34.0 51.0
67 89.8	77.0 115.4
52 14.6	27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.937 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 62	Resp: 35492
Ion Ratio	Lower Upper
62 100	
98 11.0	0.0 25.4

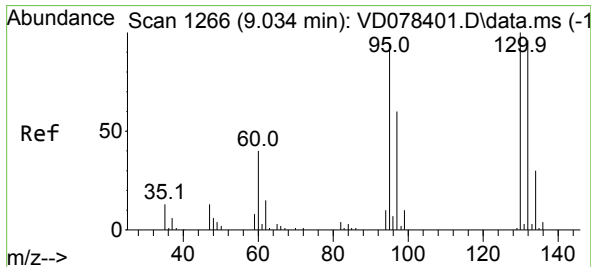
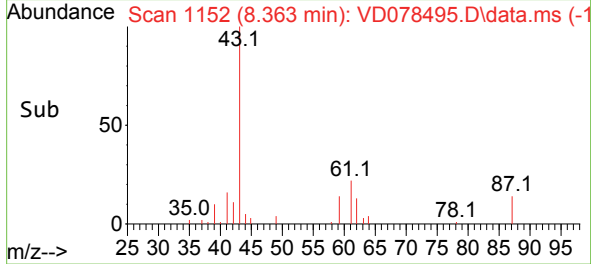
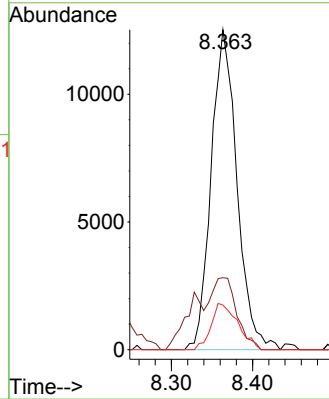
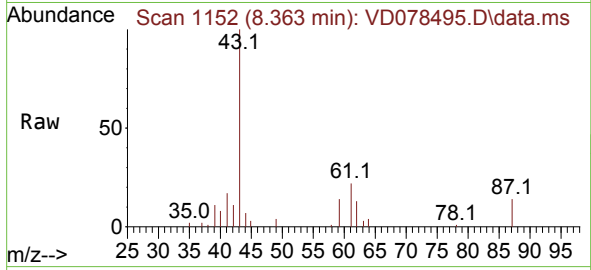




#43
Isopropyl Acetate
Concen: 17.912 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

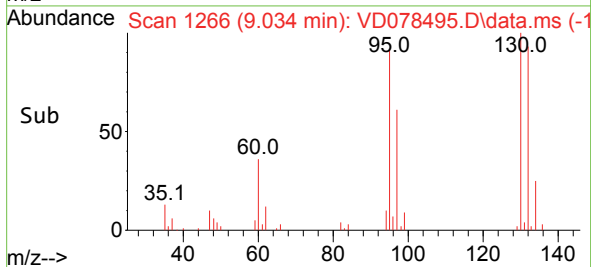
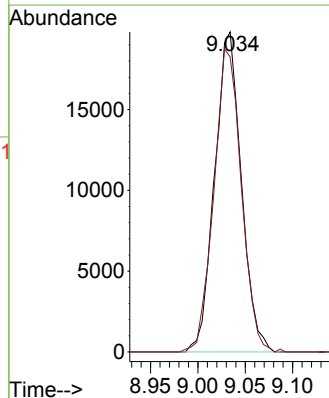
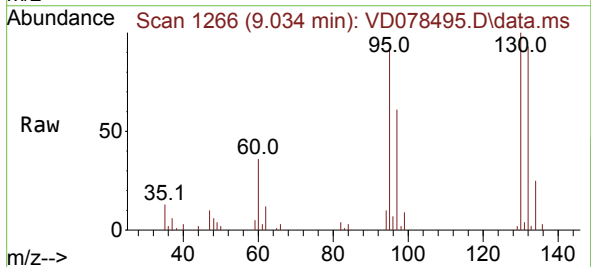
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

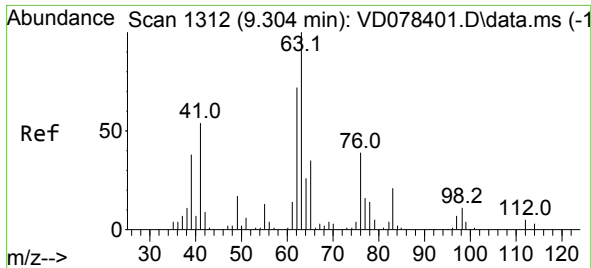
Tgt Ion: 43 Resp: 27675
Ion Ratio Lower Upper
43 100
61 22.9 31.4 47.0#
87 14.9 14.9 22.3



#44
Trichloroethene
Concen: 22.112 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:130 Resp: 38811
Ion Ratio Lower Upper
130 100
95 92.2 0.0 179.2

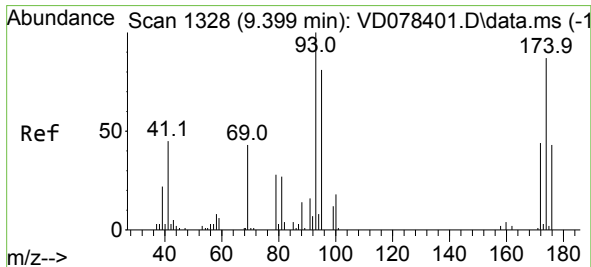
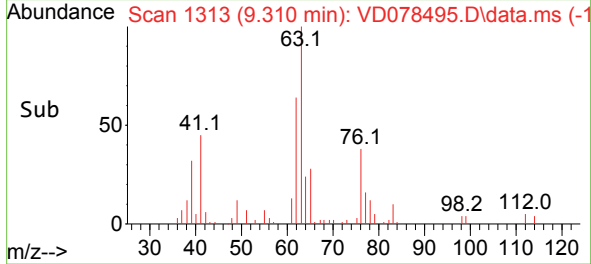
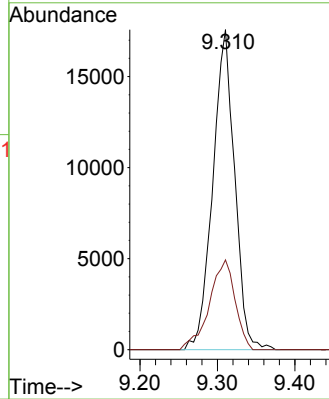
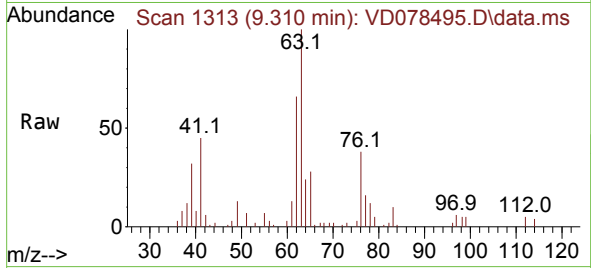




#45
1,2-Dichloropropane
Concen: 20.437 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

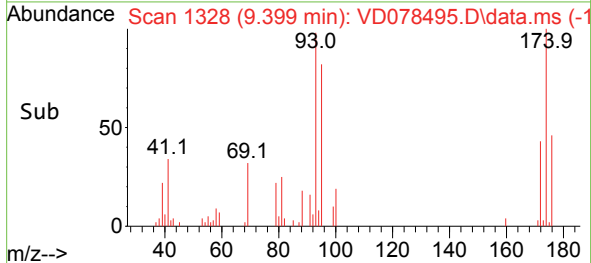
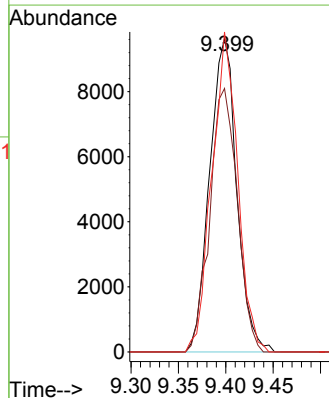
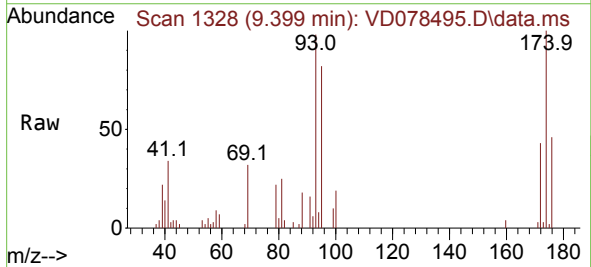
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

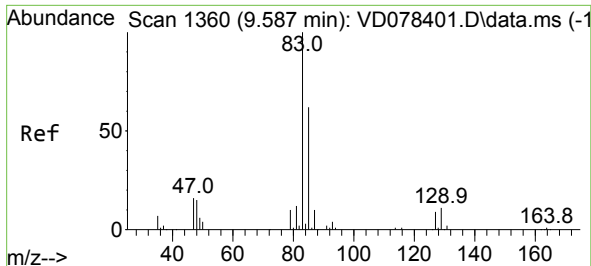
Tgt Ion: 63 Resp: 34498
Ion Ratio Lower Upper
63 100
65 28.1 24.5 36.7



#46
Dibromomethane
Concen: 20.133 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 93 Resp: 19116
Ion Ratio Lower Upper
93 100
95 85.6 67.7 101.5
174 97.1 85.4 128.2

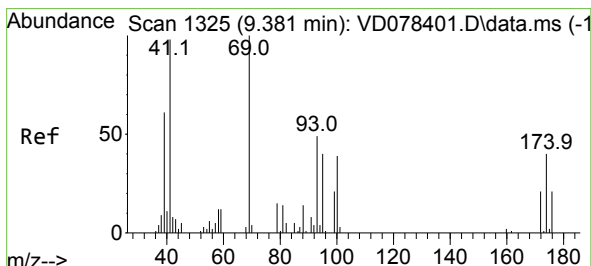
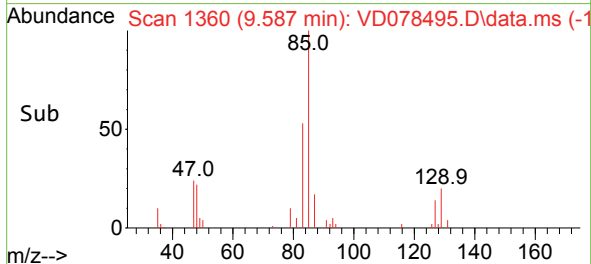
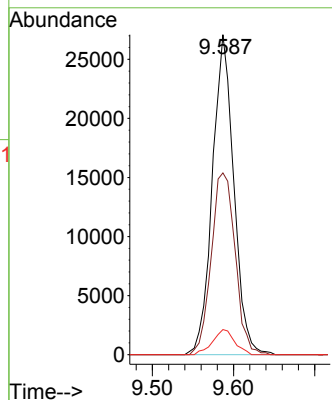
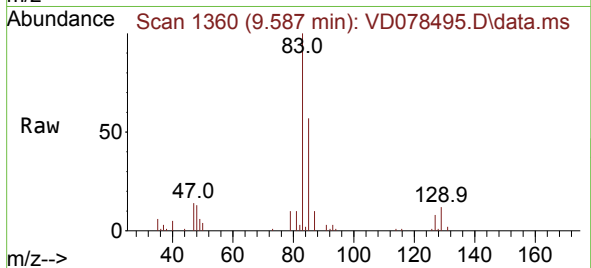




#47
Bromodichloromethane
Concen: 21.099 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

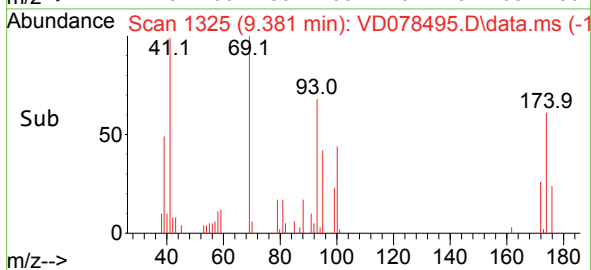
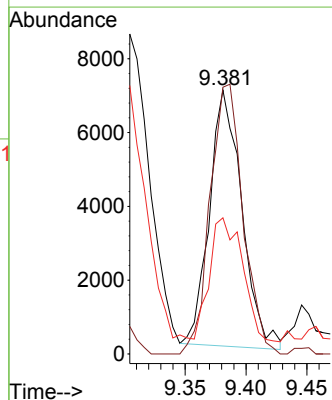
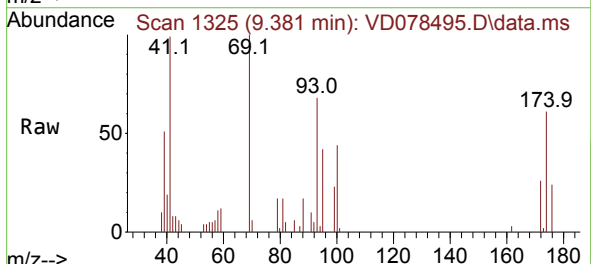
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

Tgt Ion: 83 Resp: 49619
Ion Ratio Lower Upper
83 100
85 56.8 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 15.679 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 41 Resp: 12852
Ion Ratio Lower Upper
41 100
69 106.8 102.2 153.2
39 61.2 41.4 62.2





#49

1,4-Dioxane

Concen: 375.012 ug/l

RT: 9.399 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

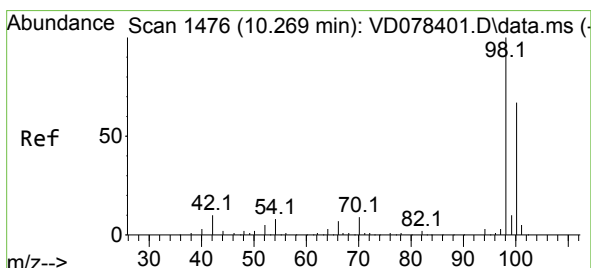
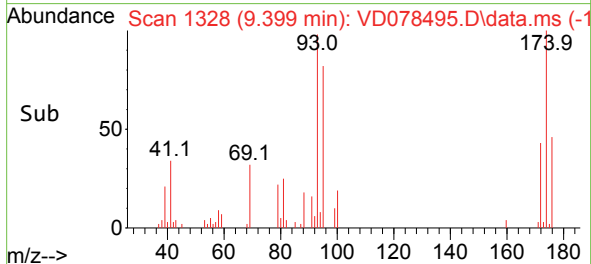
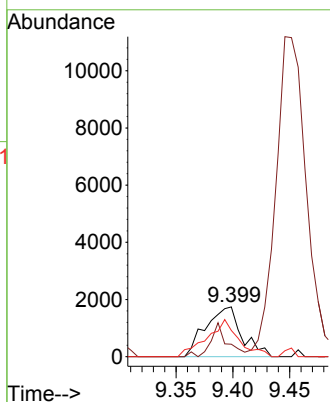
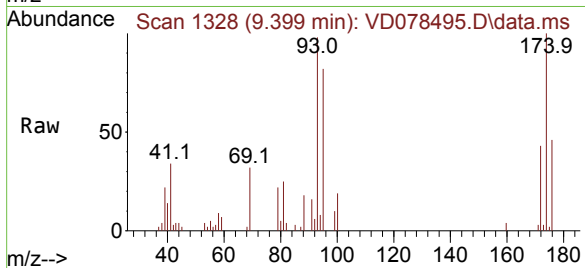
Tgt Ion: 88 Resp: 3856

Ion Ratio Lower Upper

88 100

43 31.1 19.0 28.6#

58 65.4 43.5 65.3#



#50

Toluene-d8

Concen: 52.536 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078495.D

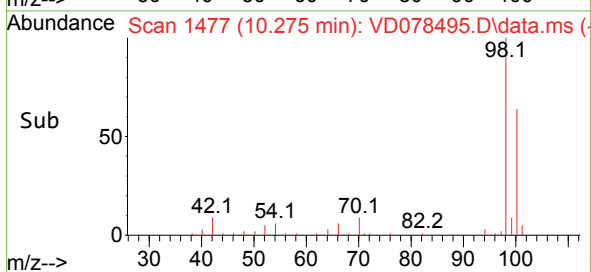
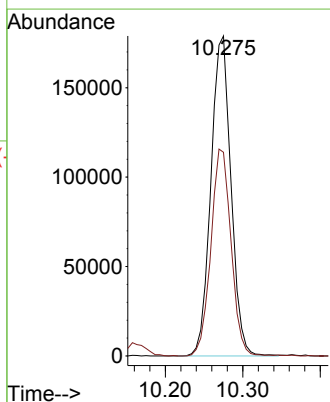
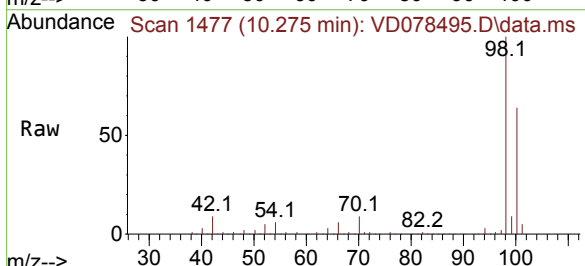
Acq: 21 Feb 2024 13:27

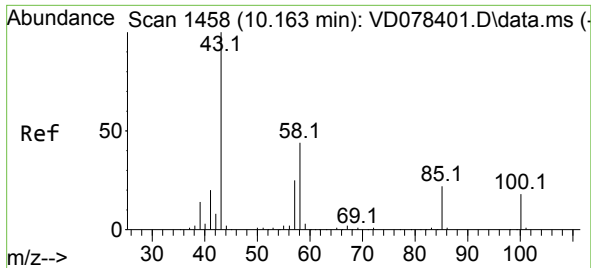
Tgt Ion: 98 Resp: 322003

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

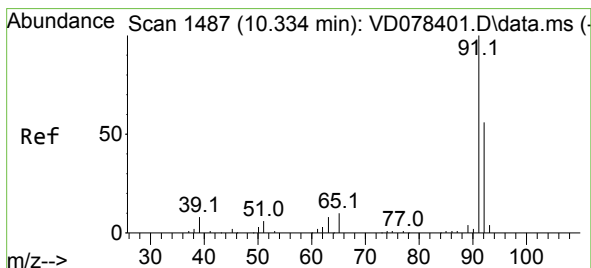
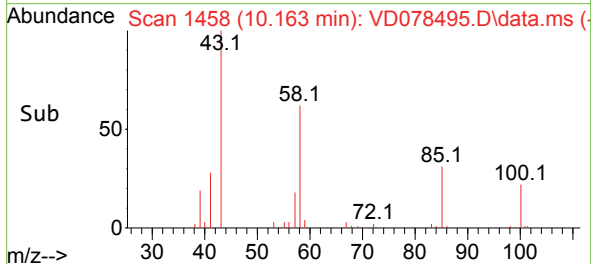
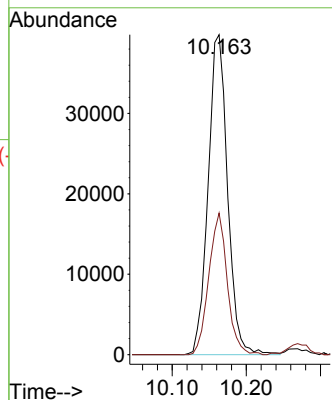
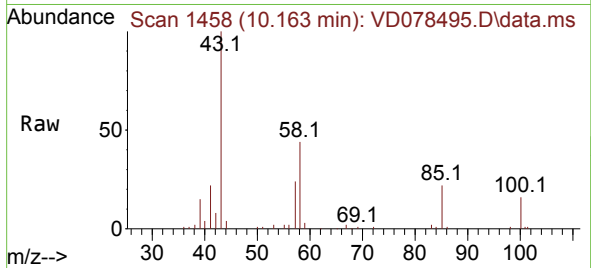




#51
4-Methyl-2-Pentanone
Concen: 88.477 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

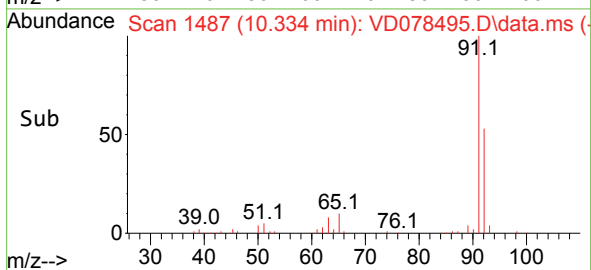
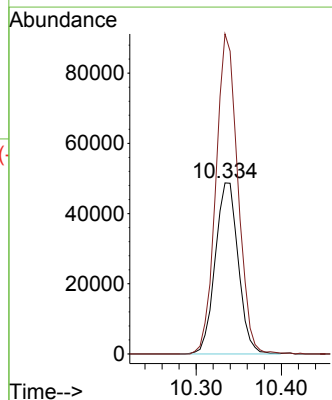
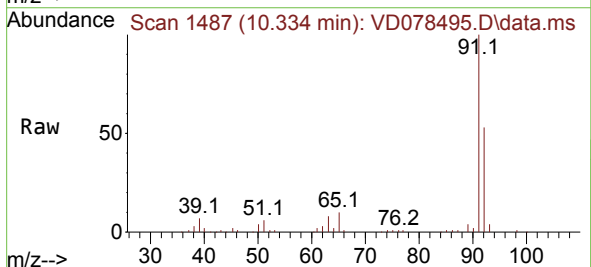
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

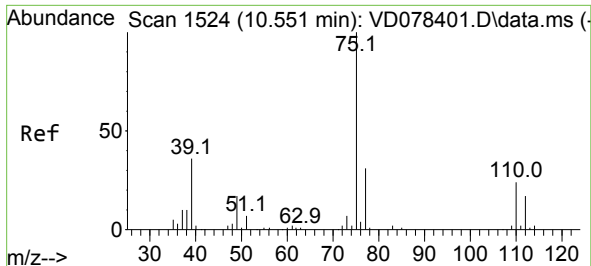
Tgt Ion: 43 Resp: 72555
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3



#52
Toluene
Concen: 21.045 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 92 Resp: 91561
Ion Ratio Lower Upper
92 100
91 178.6 143.0 214.4

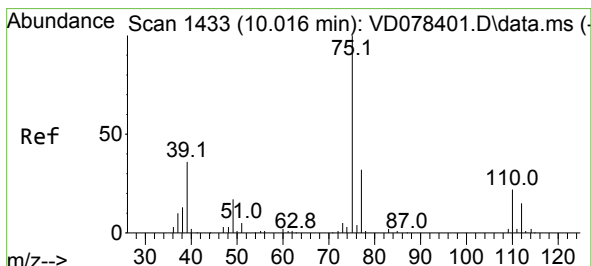
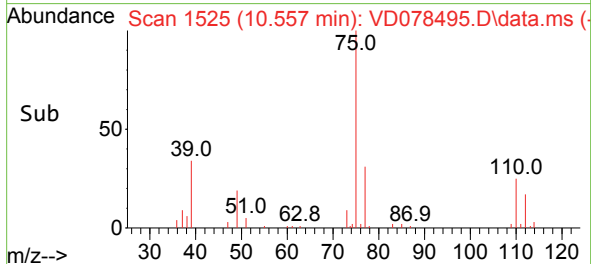
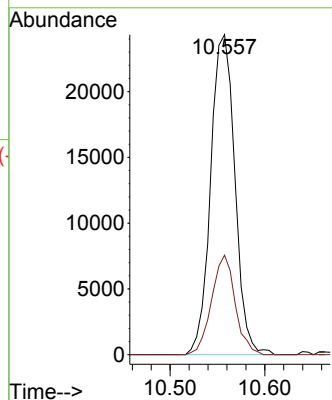
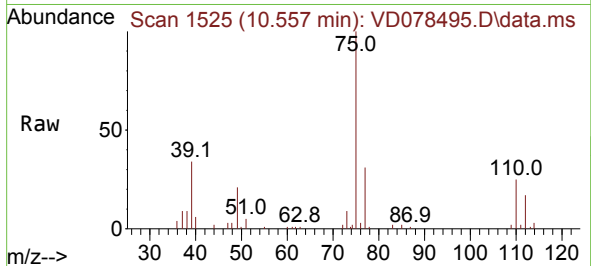




#53
 t-1,3-Dichloropropene
 Concen: 20.123 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

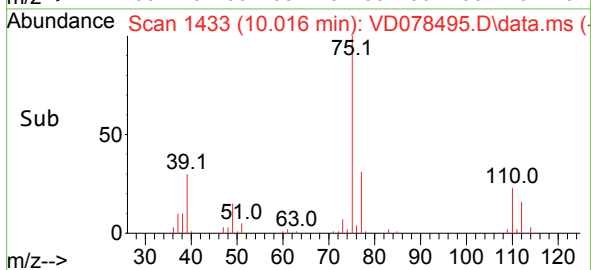
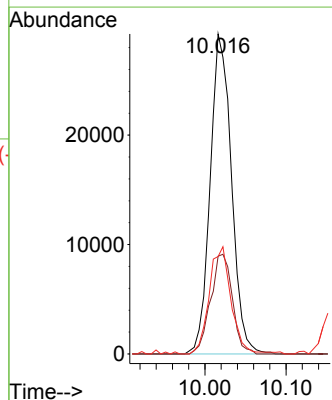
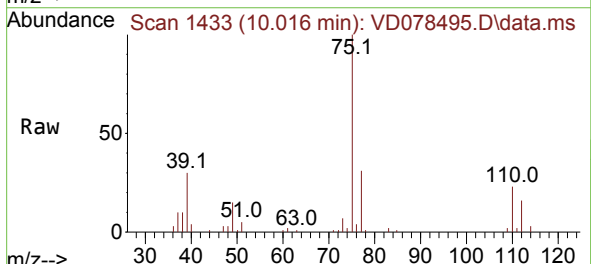
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

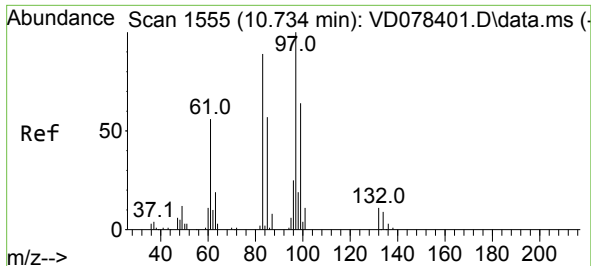
Tgt Ion: 75 Resp: 43180
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.473 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion: 75 Resp: 53271
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 30.4 22.1 33.1

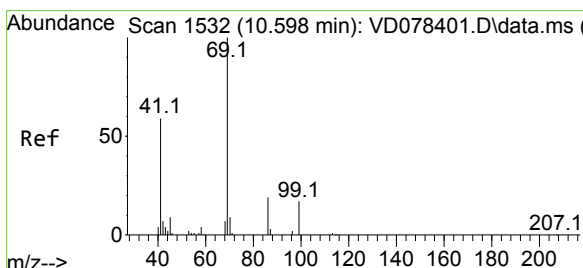
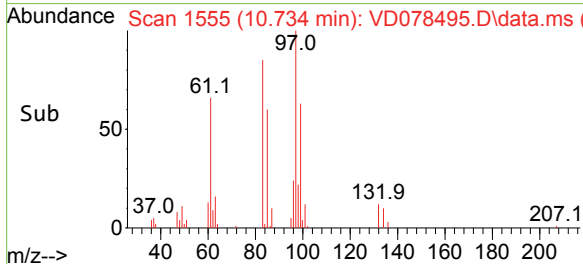
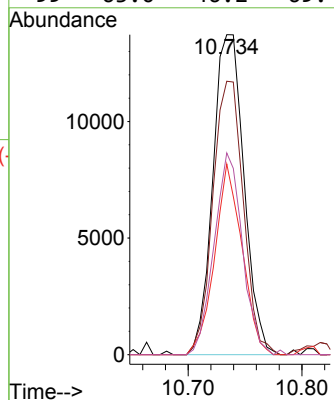
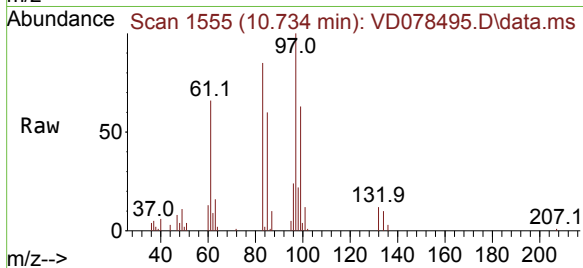




#55
1,1,2-Trichloroethane
Concen: 20.450 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

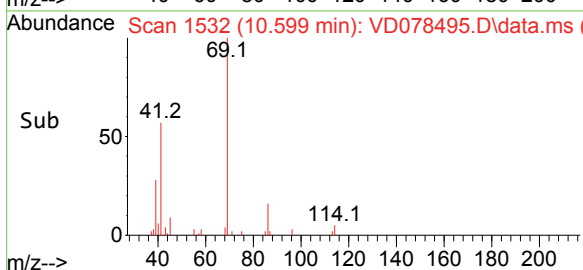
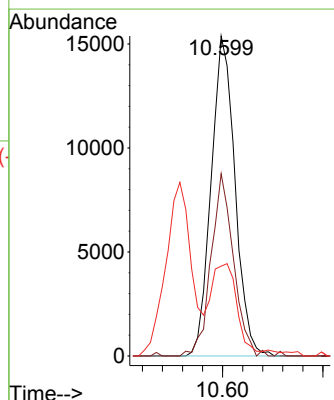
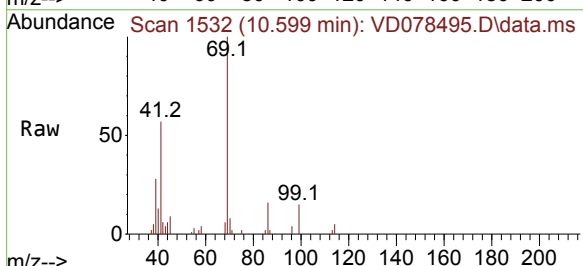
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

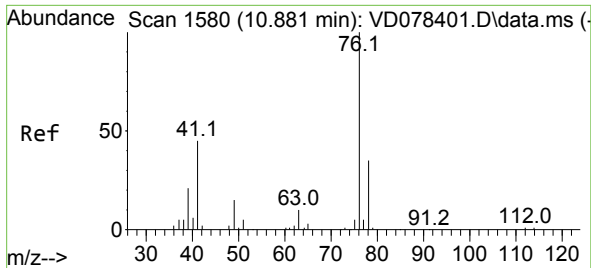
Tgt Ion:	97	Resp:	26148
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.6
85	59.6	45.7	68.5
99	63.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.494 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:	69	Resp:	25418
Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.1	58.7
39	29.3	20.0	30.0

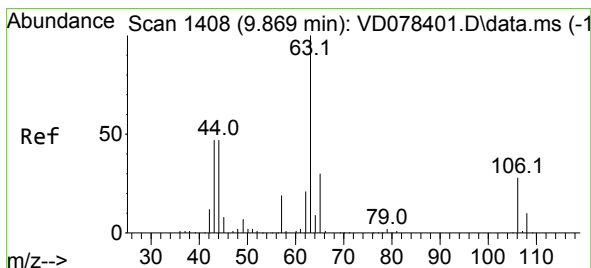
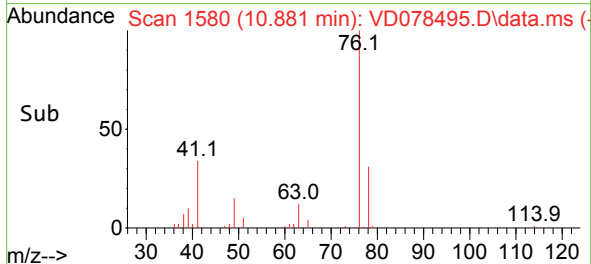
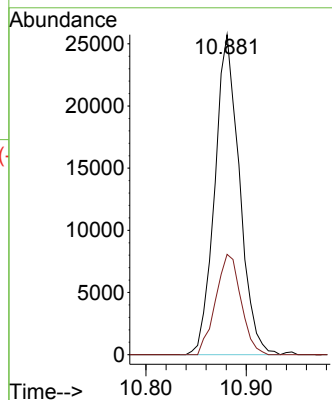
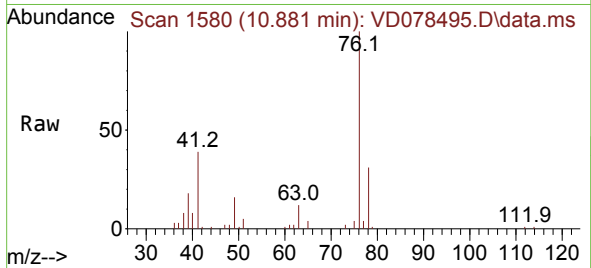




#57
1,3-Dichloropropane
Concen: 20.237 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

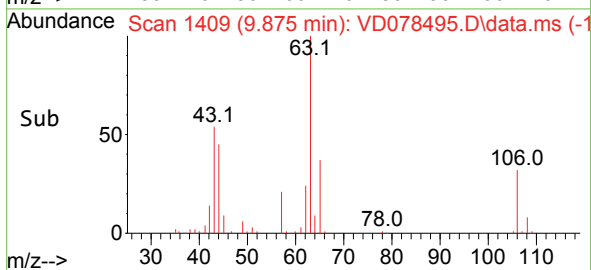
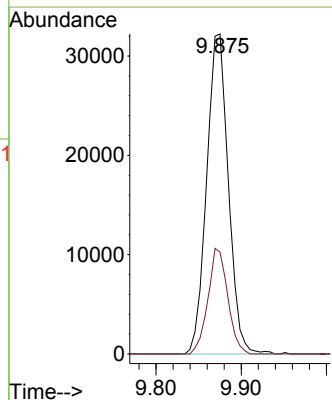
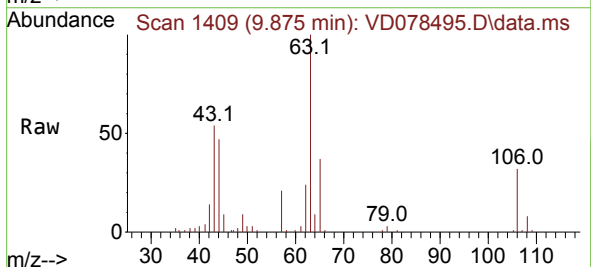
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

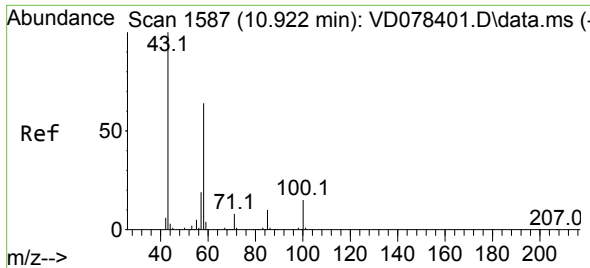
Tgt Ion: 76 Resp: 44016
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 81.914 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 63 Resp: 57059
Ion Ratio Lower Upper
63 100
106 30.0 25.3 37.9

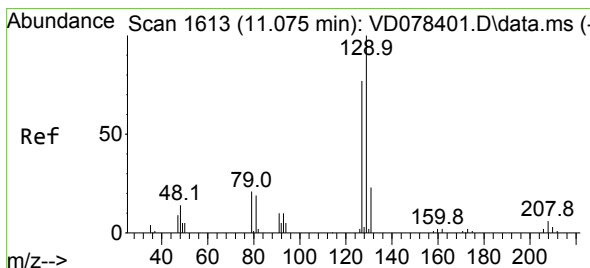
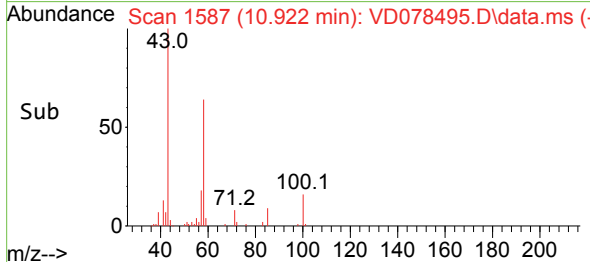
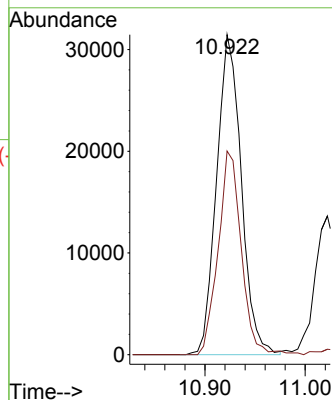
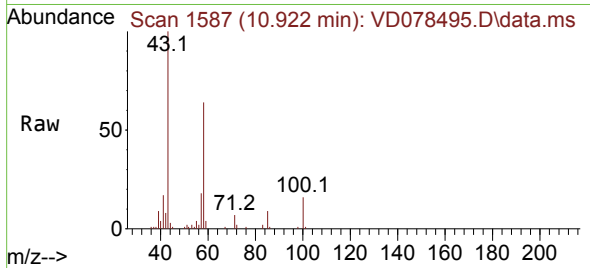




#59
2-Hexanone
Concen: 87.111 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

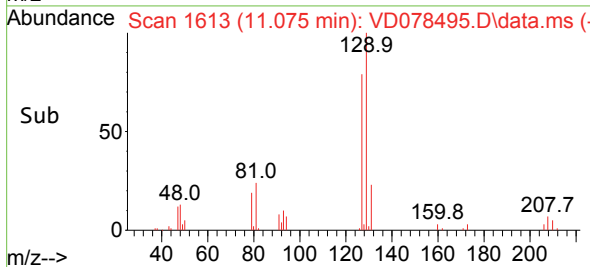
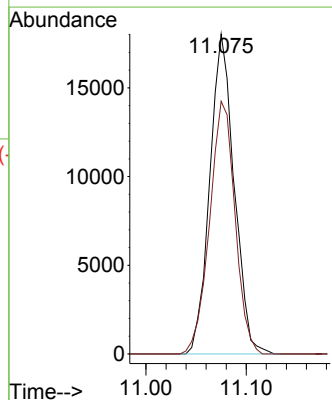
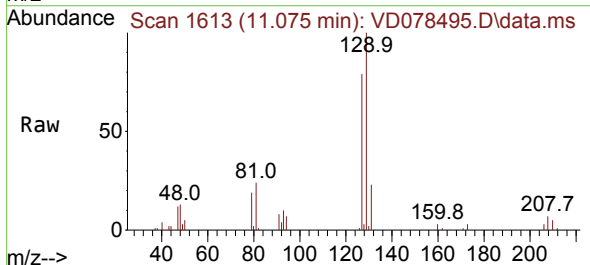
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

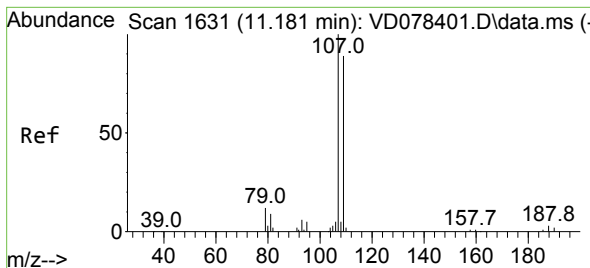
Tgt Ion: 43 Resp: 53684
Ion Ratio Lower Upper
43 100
58 59.7 34.1 102.2



#60
Dibromochloromethane
Concen: 19.792 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 129 Resp: 30448
Ion Ratio Lower Upper
129 100
127 82.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 21.660 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

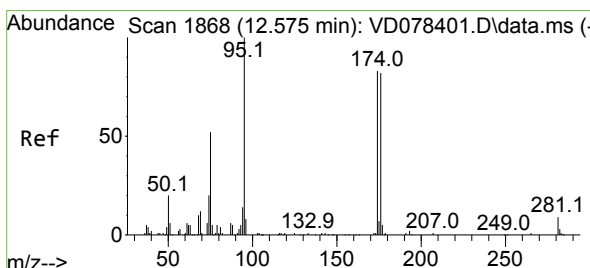
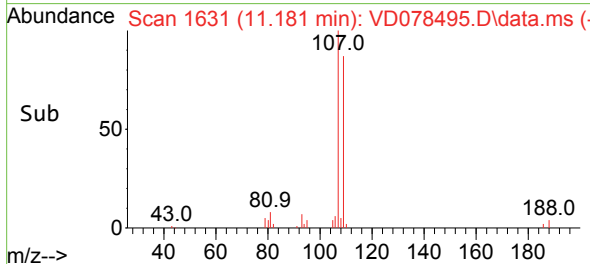
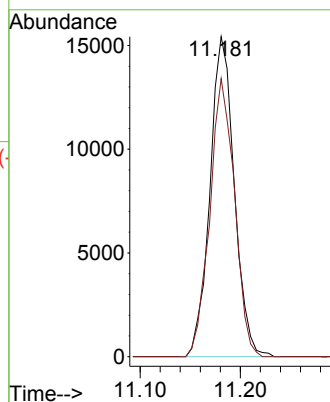
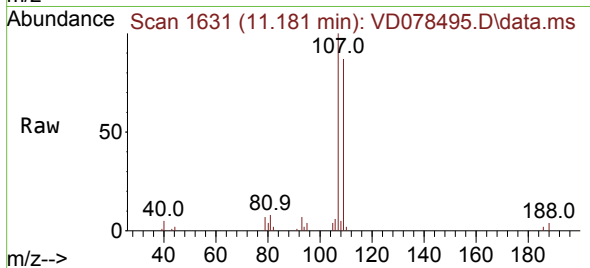
VD0221SBS01

Tgt Ion:107 Resp: 26000

Ion Ratio Lower Upper

107 100

109 88.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.562 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

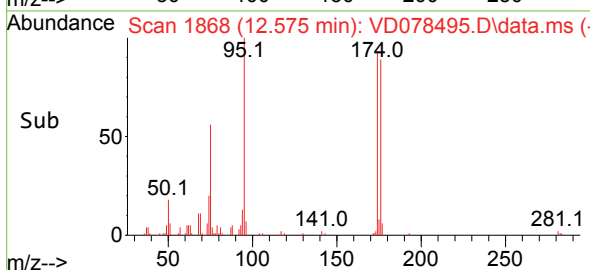
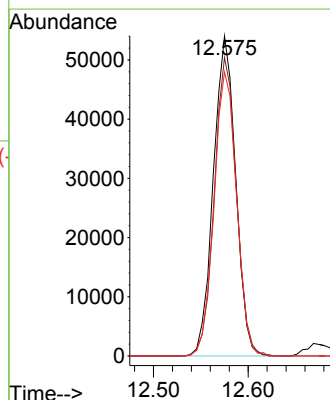
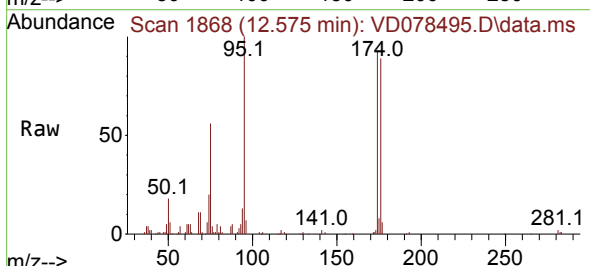
Tgt Ion: 95 Resp: 88400

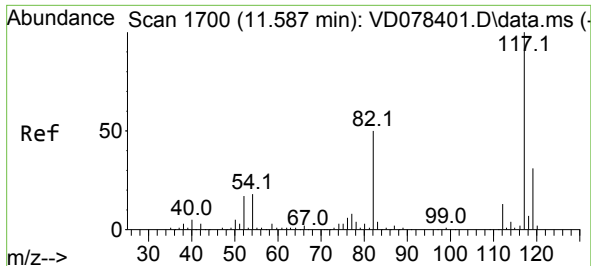
Ion Ratio Lower Upper

95 100

174 92.1 0.0 201.8

176 89.6 0.0 191.8

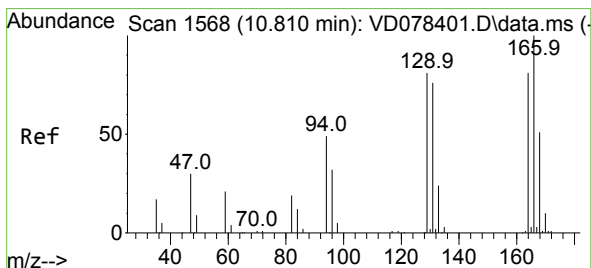
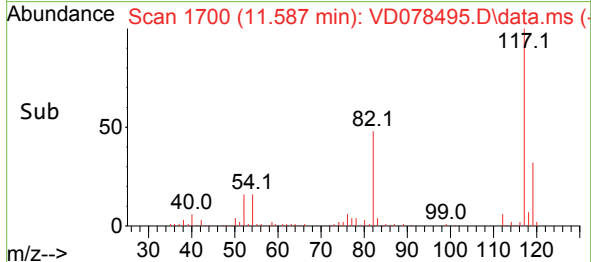
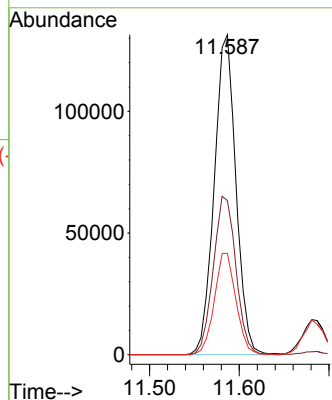
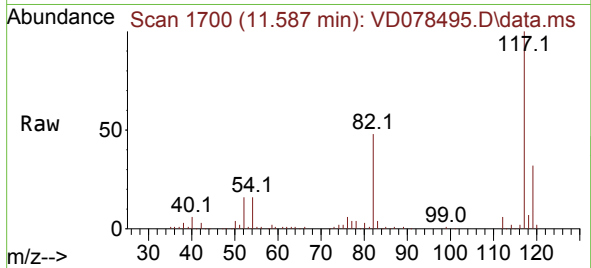




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

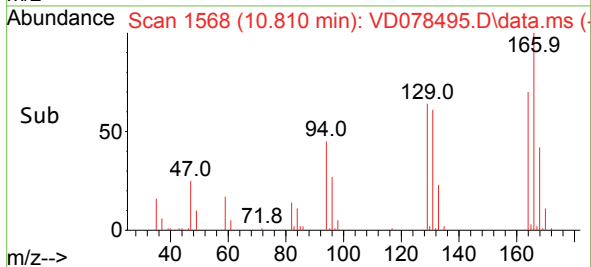
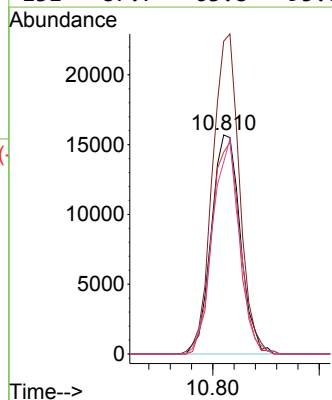
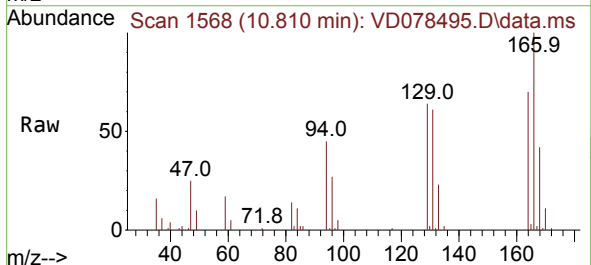
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

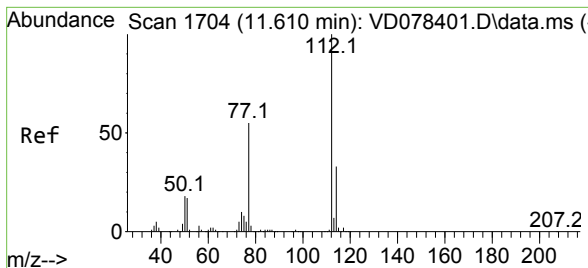
Tgt Ion:117 Resp: 221052
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 21.178 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:164 Resp: 29569
Ion Ratio Lower Upper
164 100
166 142.9 99.2 148.8
129 92.1 68.4 102.6
131 87.7 63.8 95.8

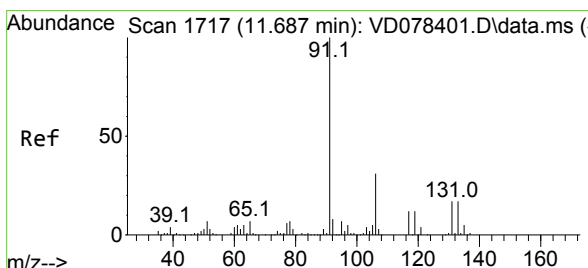
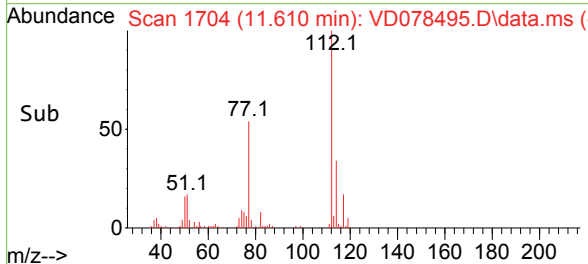
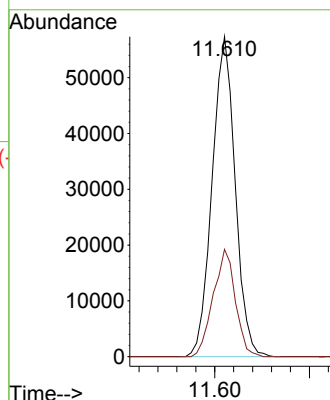
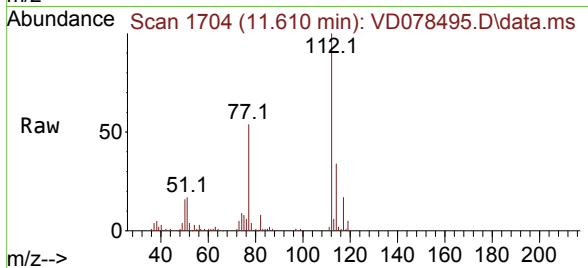




#65
Chlorobenzene
Concen: 21.770 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

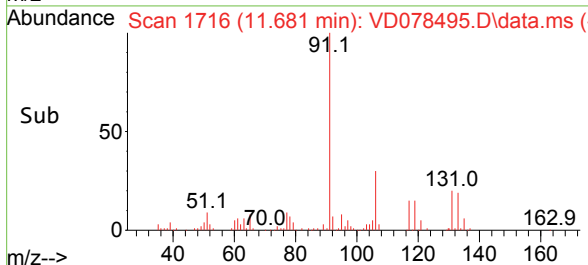
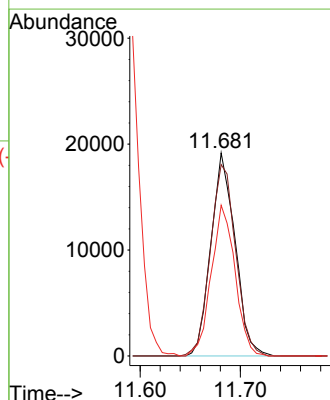
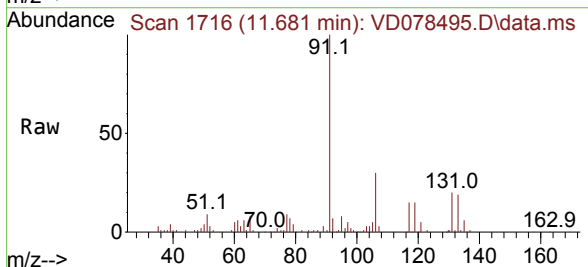
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

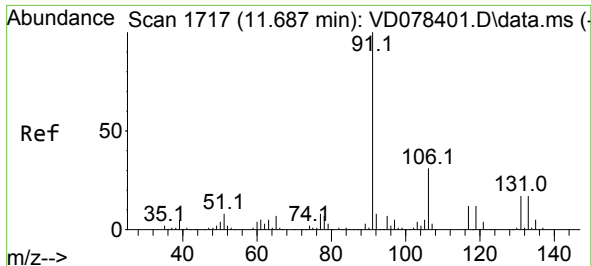
Tgt Ion:112 Resp: 96744
Ion Ratio Lower Upper
112 100
114 33.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.641 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:131 Resp: 32077
Ion Ratio Lower Upper
131 100
133 99.0 48.5 145.5
119 72.9 35.6 106.9

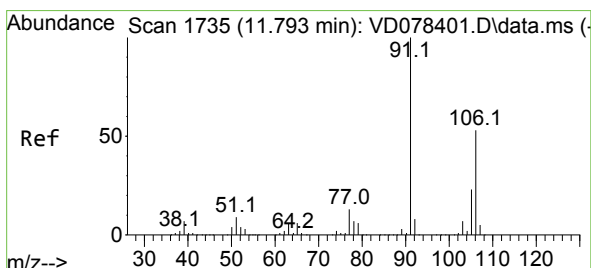
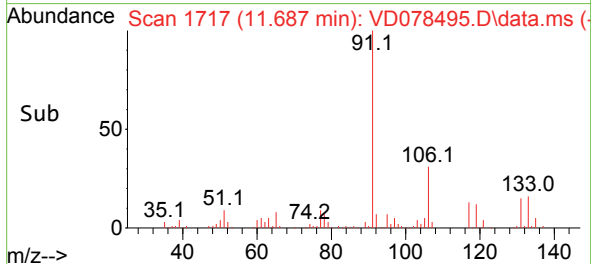
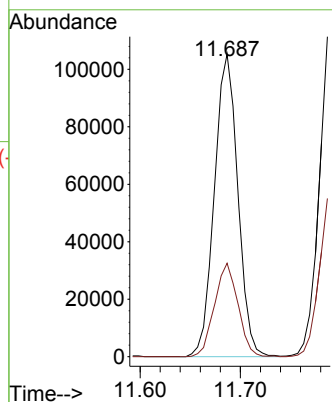
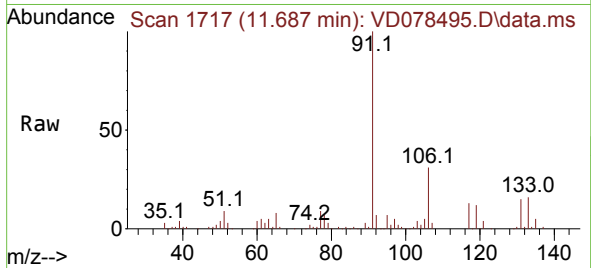




#67
Ethyl Benzene
Concen: 21.416 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

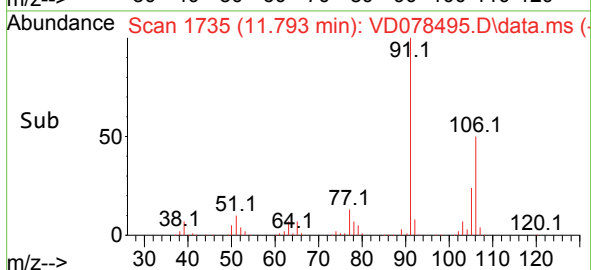
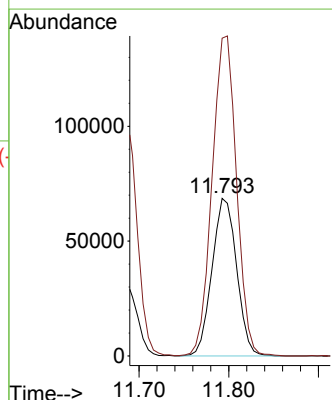
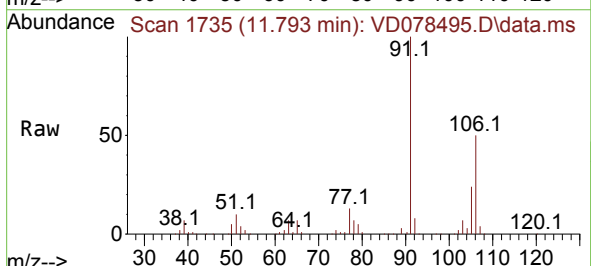
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

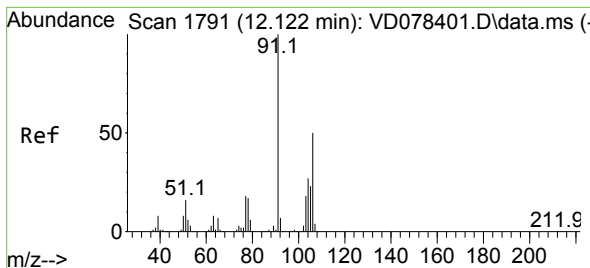
Tgt Ion: 91 Resp: 170527
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 42.067 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 106 Resp: 130657
Ion Ratio Lower Upper
106 100
91 201.7 147.0 220.6





#69

o-Xylene

Concen: 21.169 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

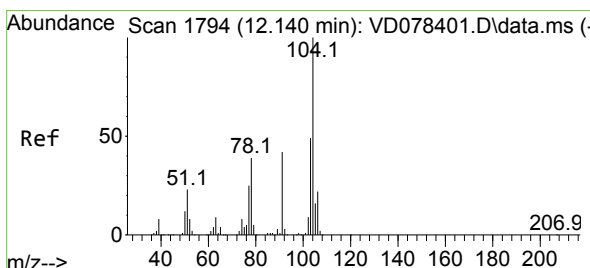
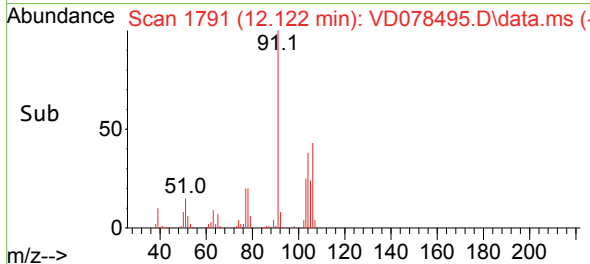
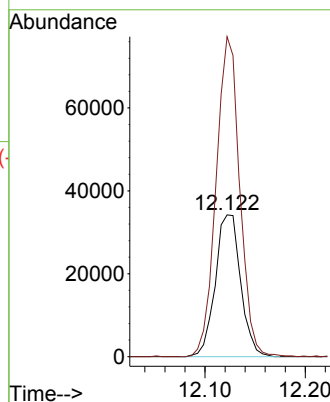
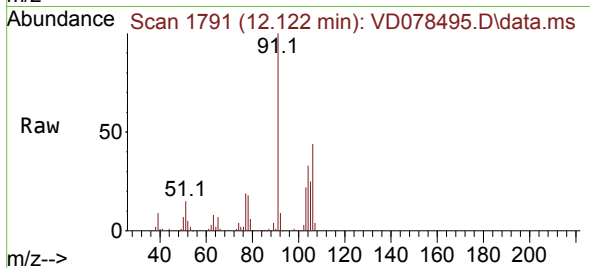
VD0221SBSD01

Tgt Ion:106 Resp: 60000

Ion Ratio Lower Upper

106 100

91 210.9 97.9 293.6



#70

Styrene

Concen: 23.029 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

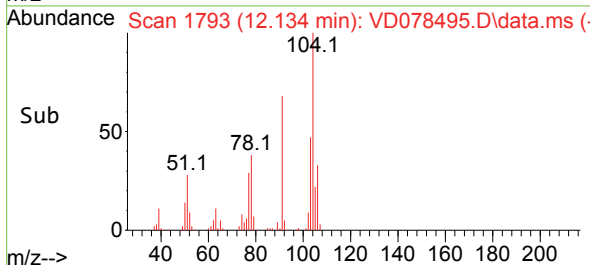
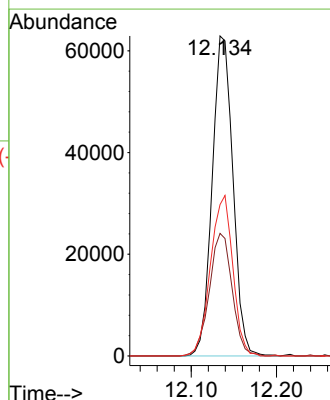
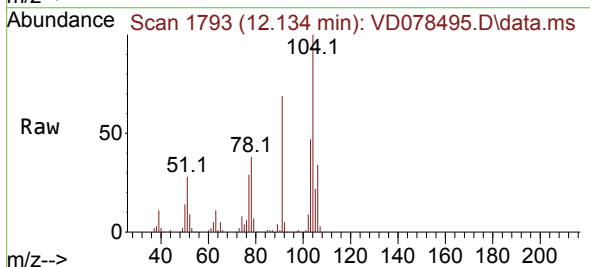
Tgt Ion:104 Resp: 106529

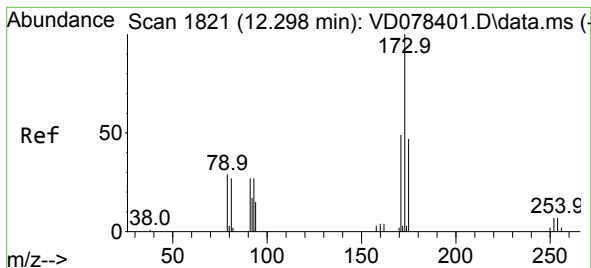
Ion Ratio Lower Upper

104 100

78 42.1 33.2 49.8

103 54.0 43.6 65.4





#71

Bromoform

Concen: 20.997 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

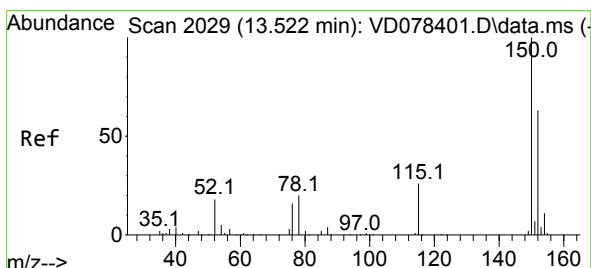
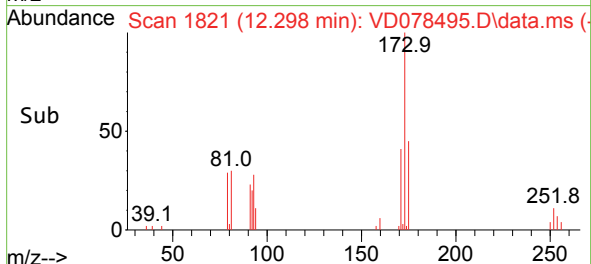
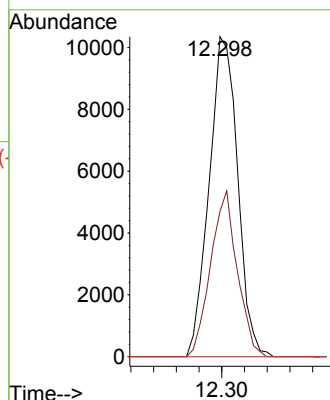
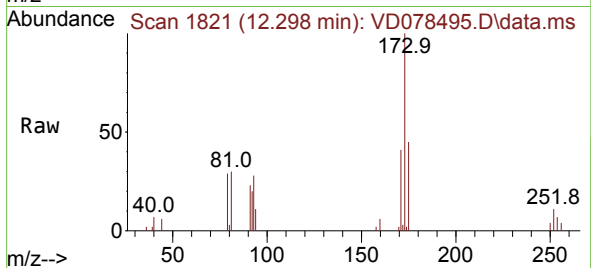
Tgt Ion:173 Resp: 18049

Ion Ratio Lower Upper

173 100

175 48.4 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: VD078495.D

Acq: 21 Feb 2024 13:27

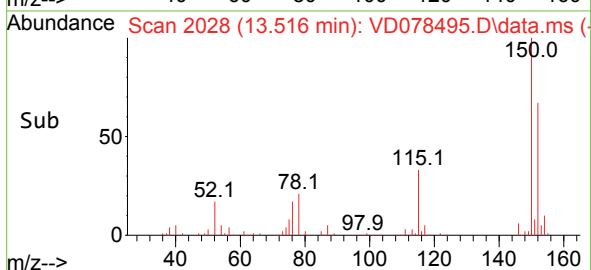
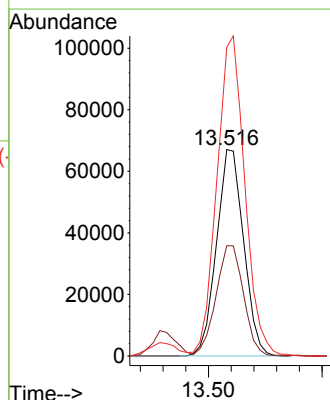
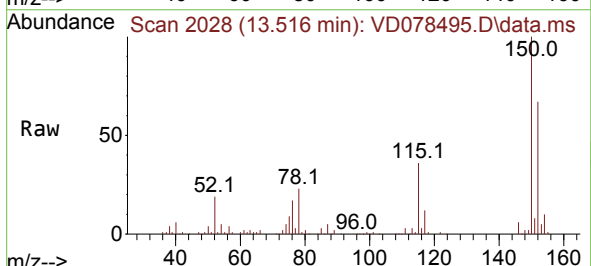
Tgt Ion:152 Resp: 111257

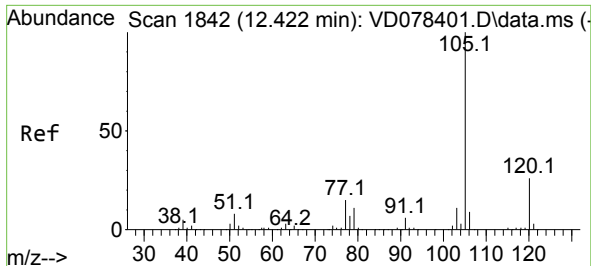
Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.3

150 159.7 0.0 353.6

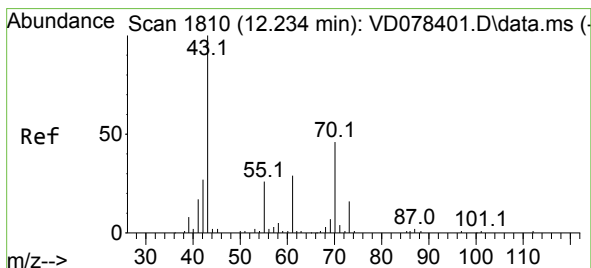
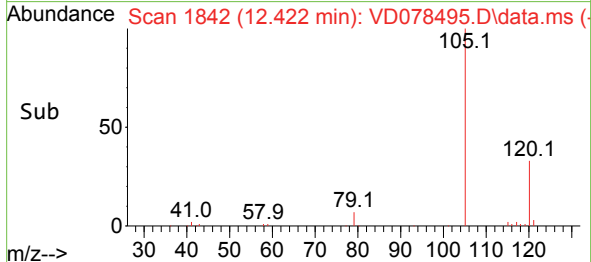
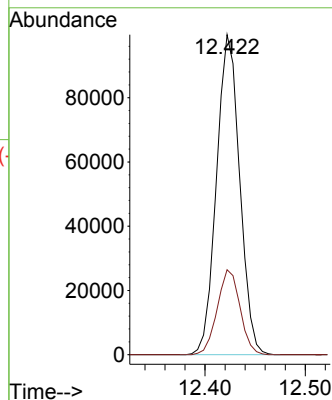
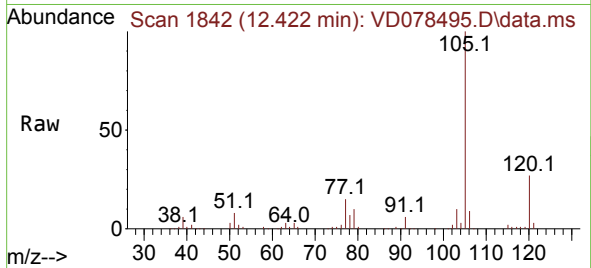




#73
Isopropylbenzene
Concen: 21.398 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

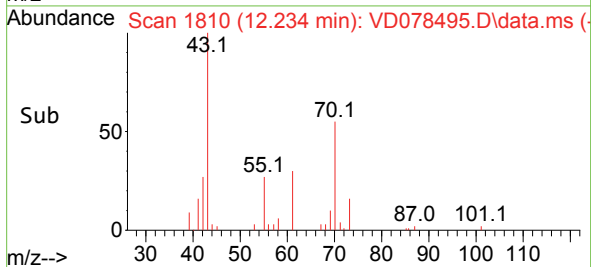
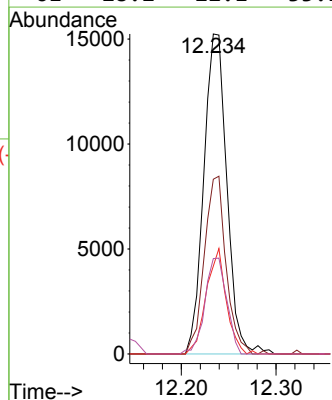
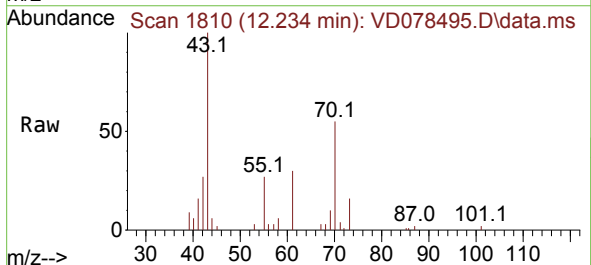
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

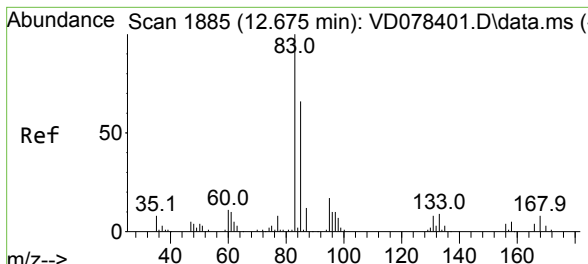
Tgt Ion:105 Resp: 159862
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 18.293 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 43 Resp: 25854
Ion Ratio Lower Upper
43 100
70 52.3 45.0 67.4
55 28.7 23.8 35.6
61 28.2 22.1 33.1

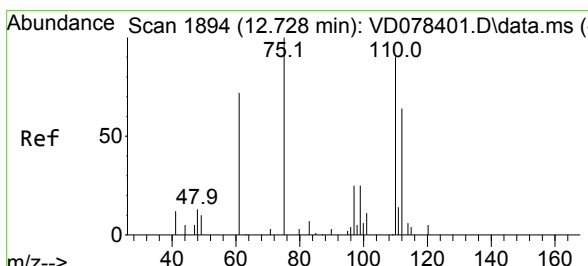
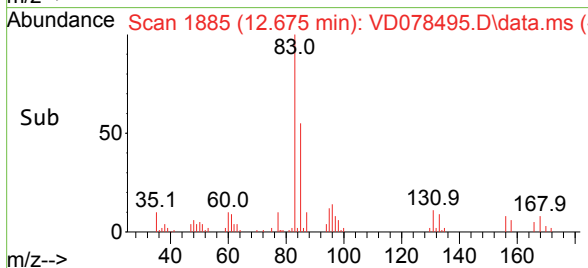
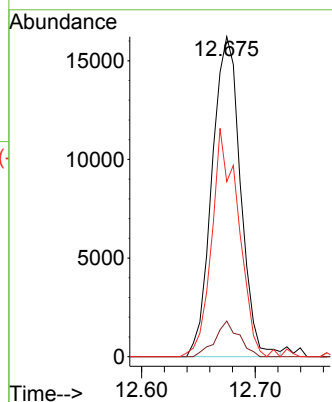
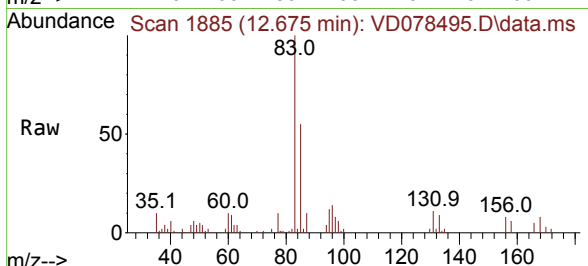




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.077 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

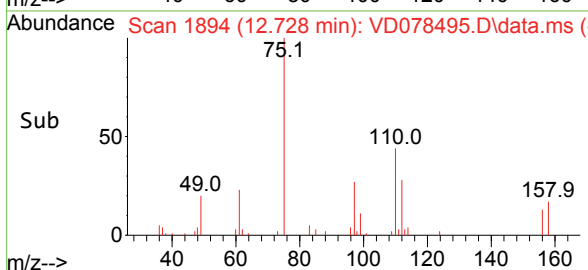
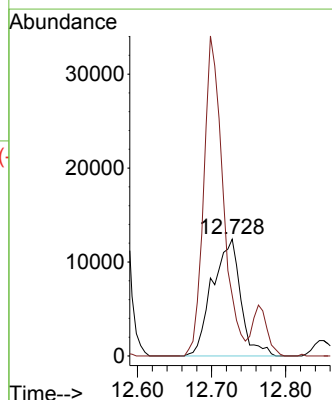
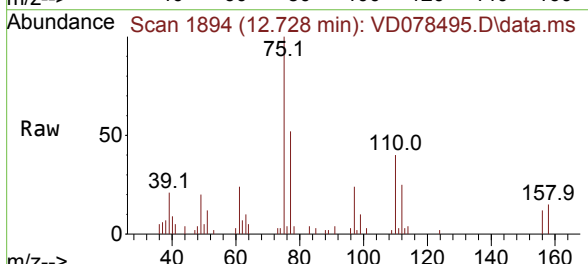
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

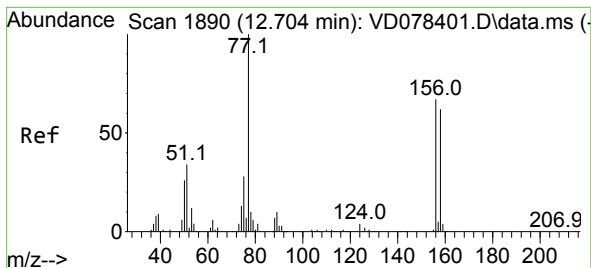
Tgt Ion: 83	Resp: 28271
Ion Ratio	Lower Upper
83	100
131	9.3 5.1 15.3
85	66.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.921 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion: 75	Resp: 32984
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.605 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

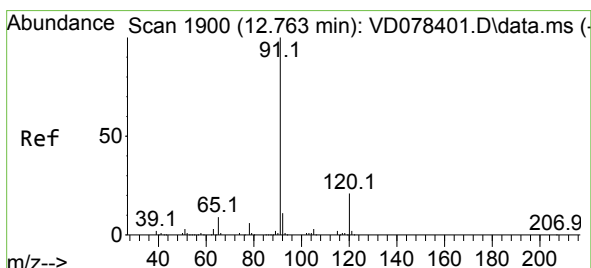
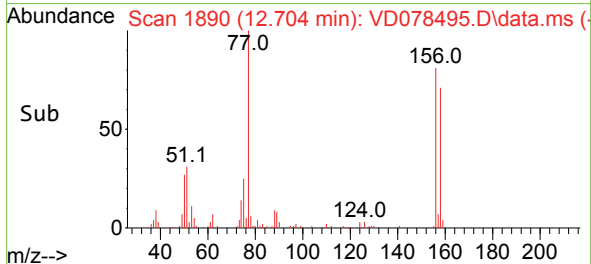
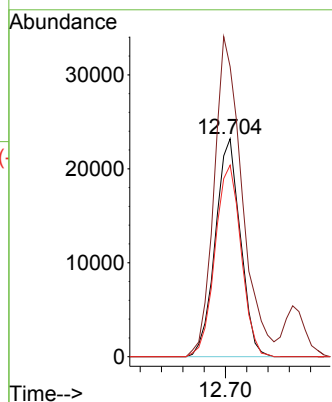
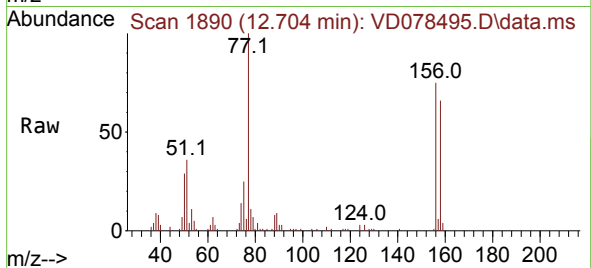
Tgt Ion:156 Resp: 37933

Ion Ratio Lower Upper

156 100

77 163.5 76.8 230.4

158 91.5 48.6 145.9



#78

n-propylbenzene

Concen: 21.605 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078495.D

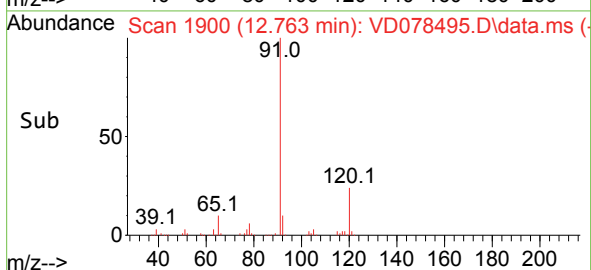
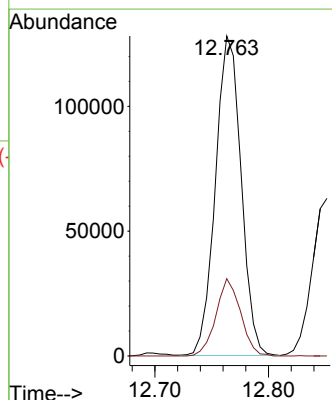
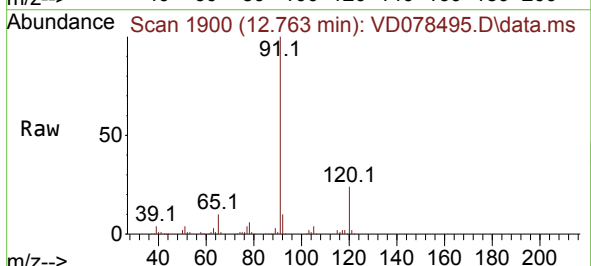
Acq: 21 Feb 2024 13:27

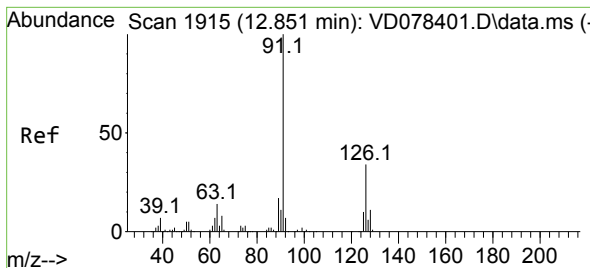
Tgt Ion: 91 Resp: 201146

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 21.088 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

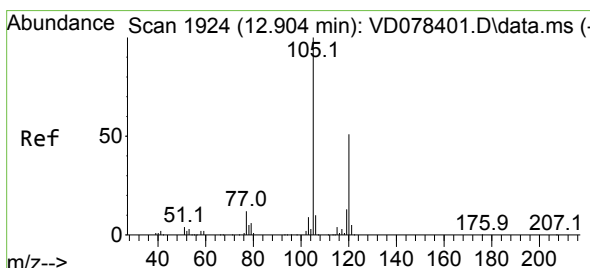
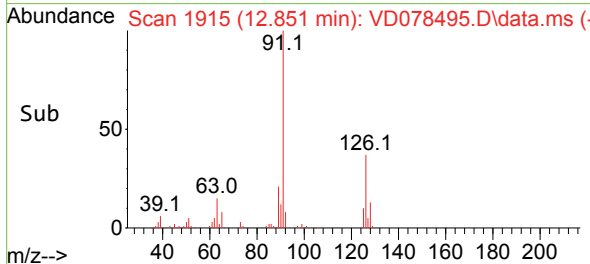
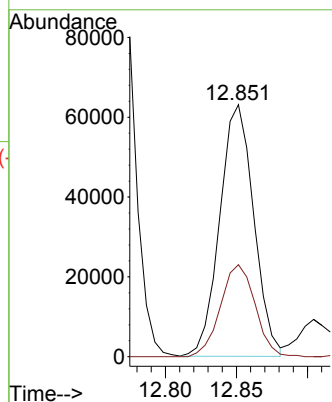
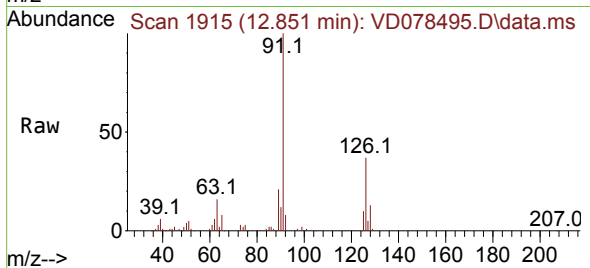
VD0221SBSD01

Tgt Ion: 91 Resp: 105156

Ion Ratio Lower Upper

91 100

126 37.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.797 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078495.D

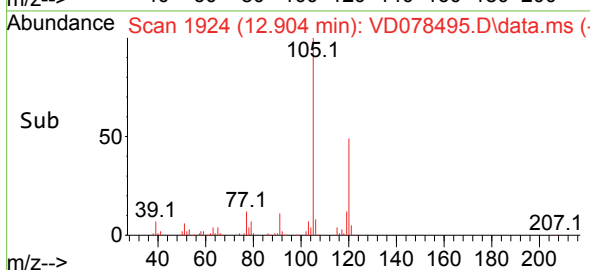
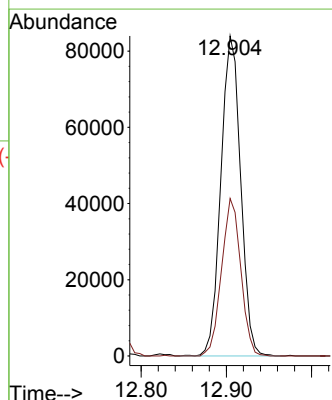
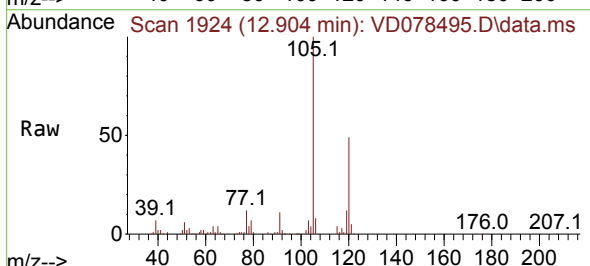
Acq: 21 Feb 2024 13:27

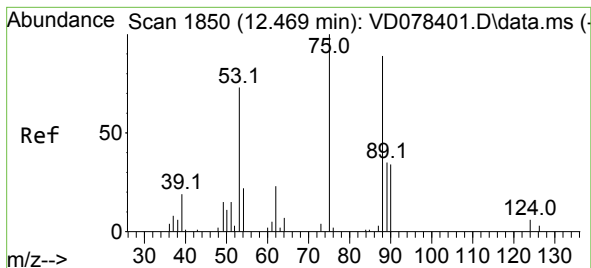
Tgt Ion:105 Resp: 135216

Ion Ratio Lower Upper

105 100

120 47.9 26.4 79.2

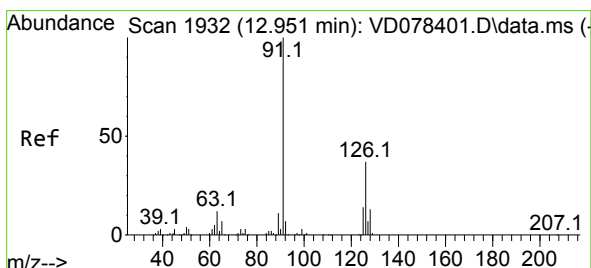
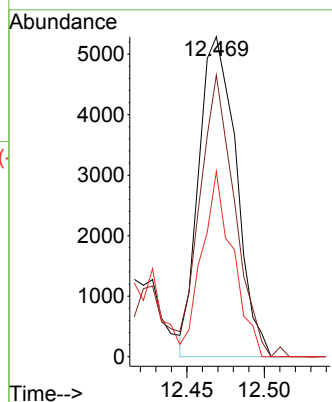
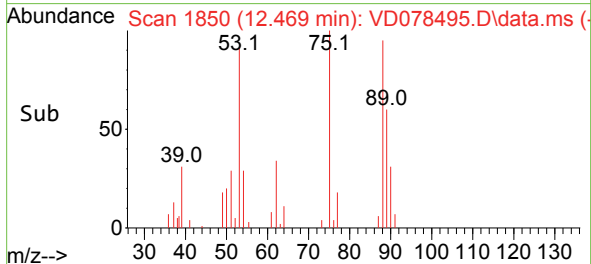
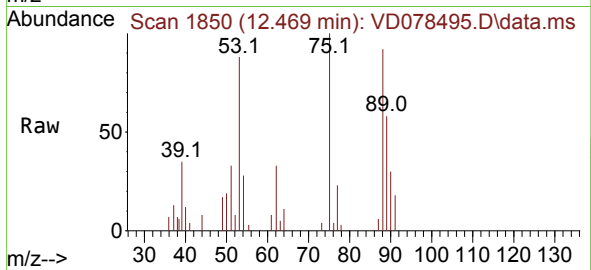




#81
trans-1,4-Dichloro-2-butene
Concen: 19.467 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

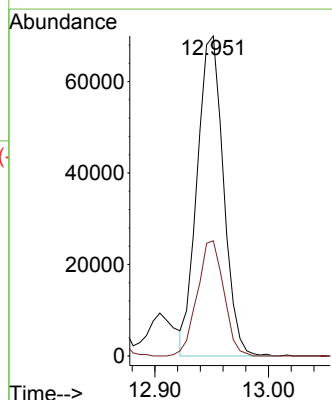
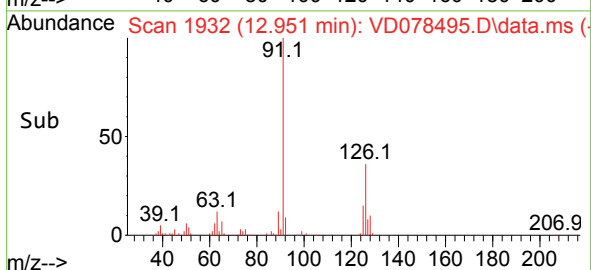
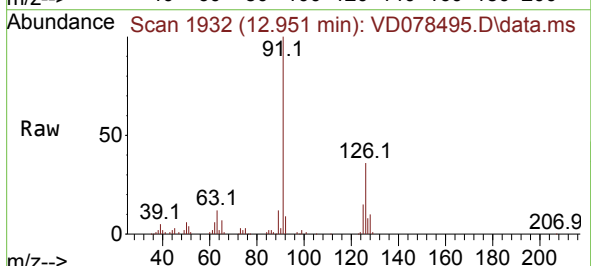
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

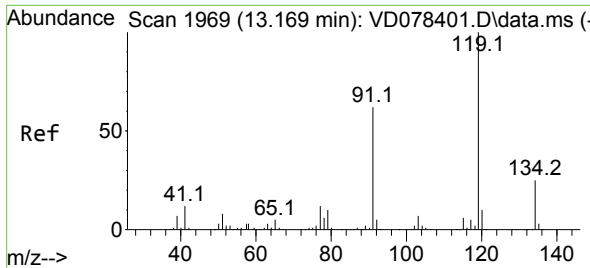
Tgt Ion:	75	Resp:	8857
Ion	Ratio	Lower	Upper
75	100		
53	81.5	63.0	94.4
89	47.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.014 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:	91	Resp:	112543
Ion	Ratio	Lower	Upper
91	100		
126	36.3	19.4	58.4

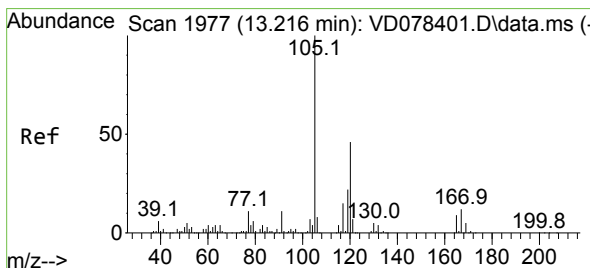
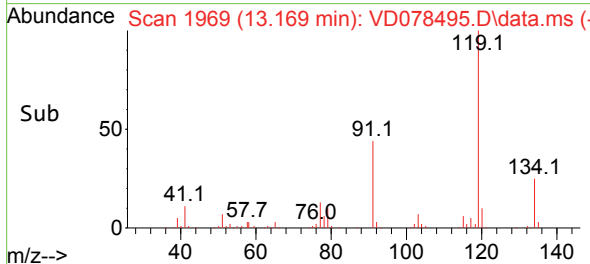
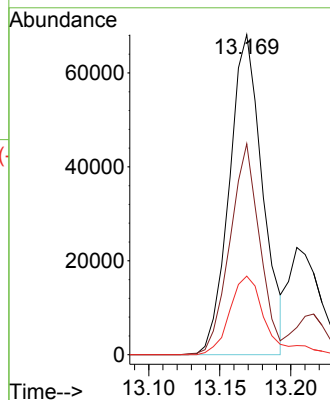
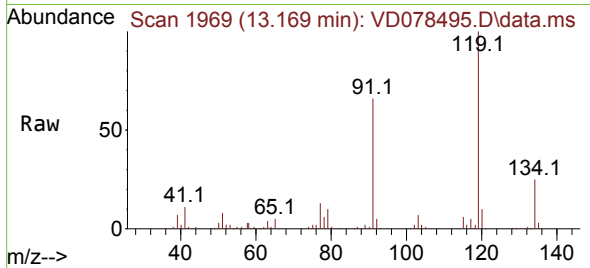




#83
tert-Butylbenzene
Concen: 21.247 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

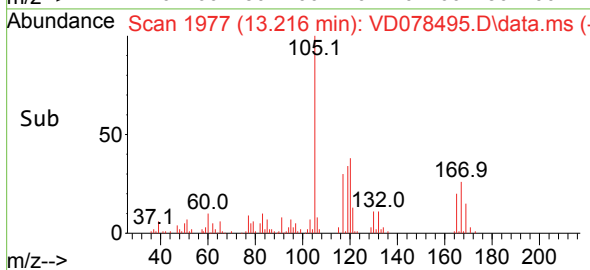
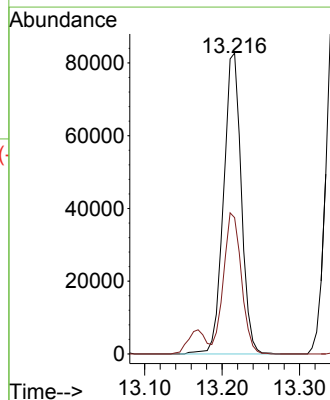
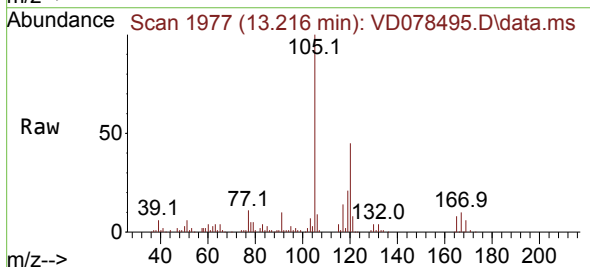
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

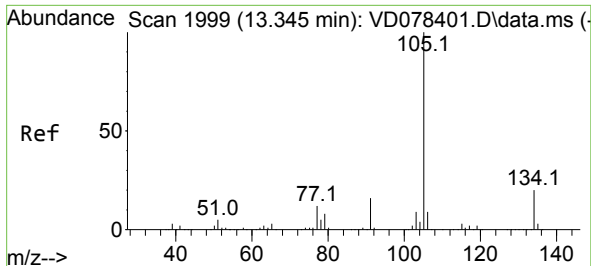
Tgt Ion:119 Resp: 111161
Ion Ratio Lower Upper
119 100
91 59.3 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.863 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:105 Resp: 131349
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9

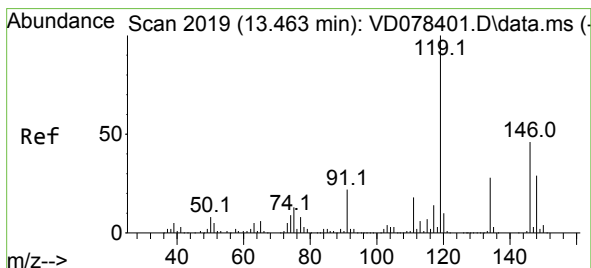
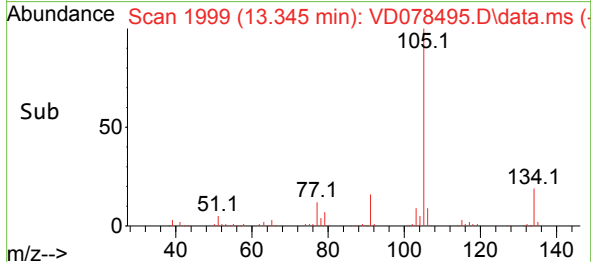
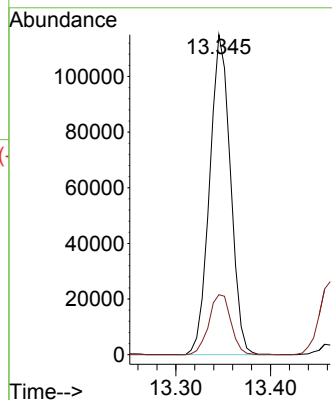
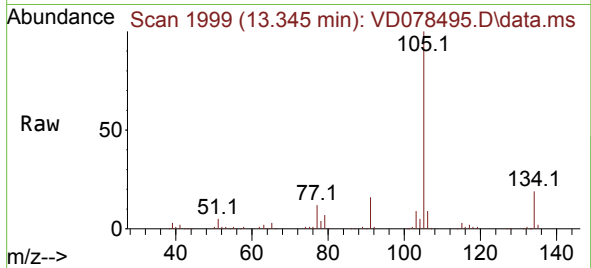




#85
 sec-Butylbenzene
 Concen: 21.607 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

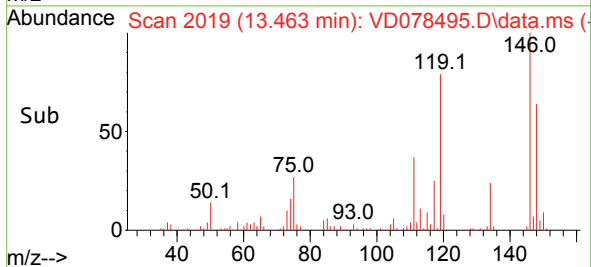
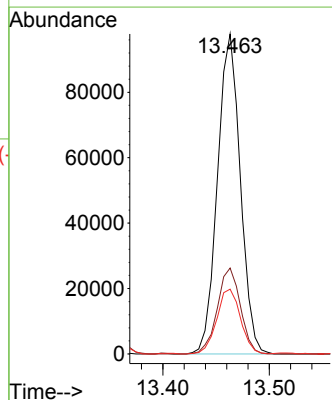
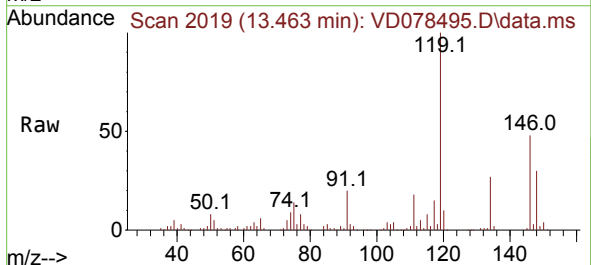
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBSD01

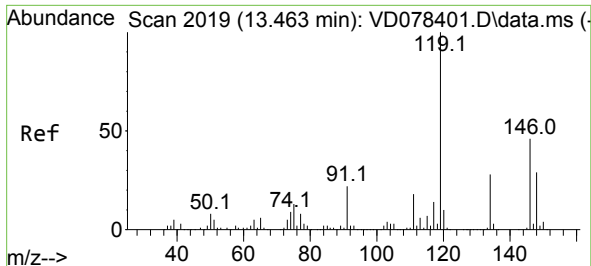
Tgt Ion:105 Resp: 175311
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.041 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078495.D
 Acq: 21 Feb 2024 13:27

Tgt Ion:119 Resp: 145408
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.792 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

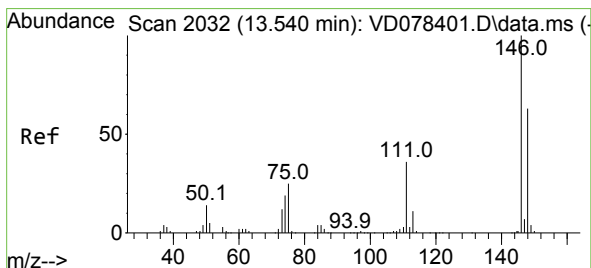
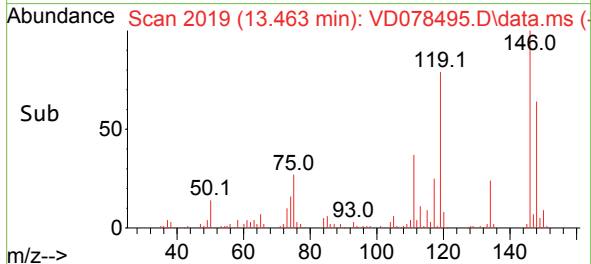
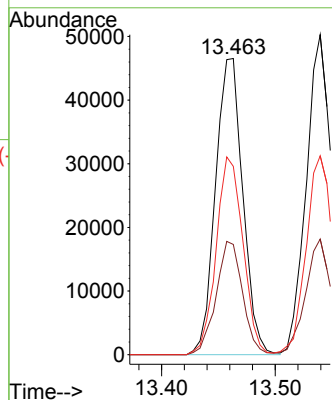
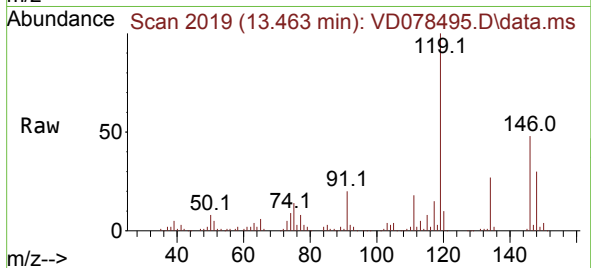
Tgt Ion:146 Resp: 77913

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 65.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.735 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

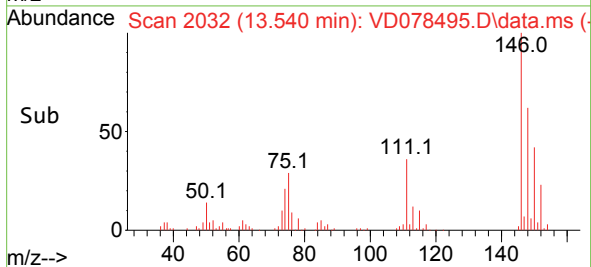
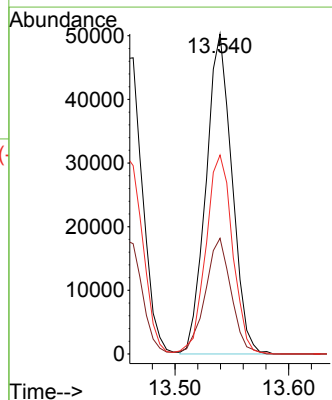
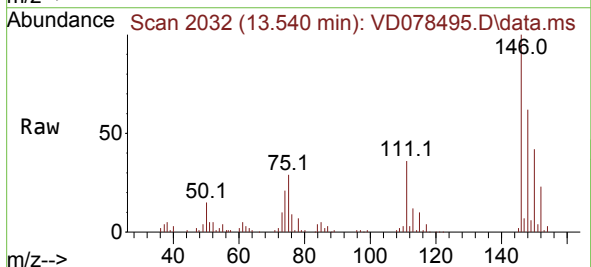
Tgt Ion:146 Resp: 80029

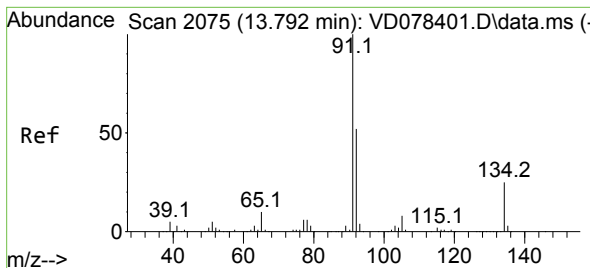
Ion Ratio Lower Upper

146 100

111 36.1 17.4 52.3

148 63.8 31.7 95.1

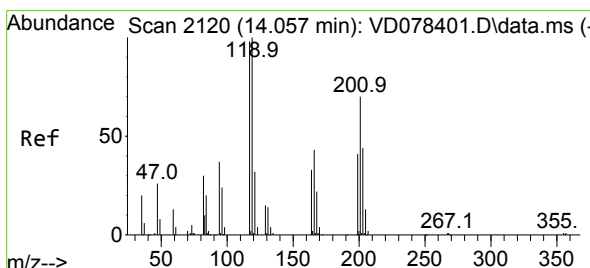
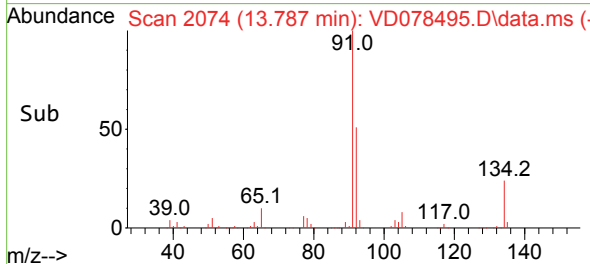
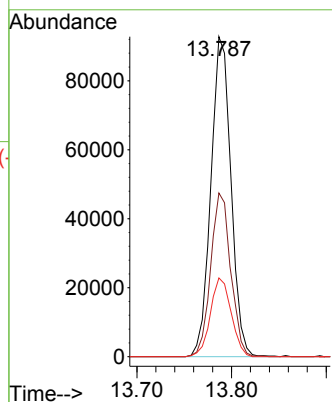
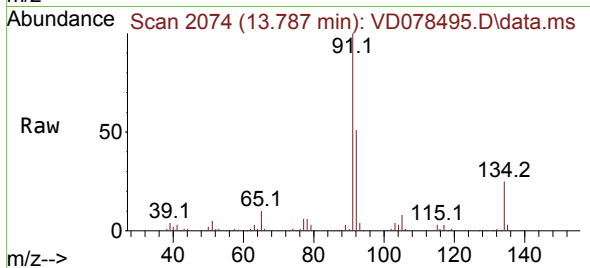




#89
n-Butylbenzene
Concen: 20.521 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

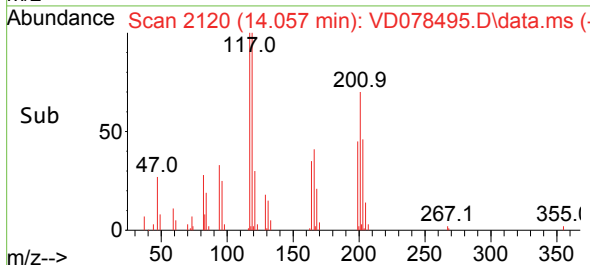
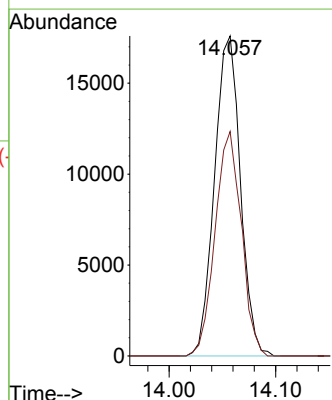
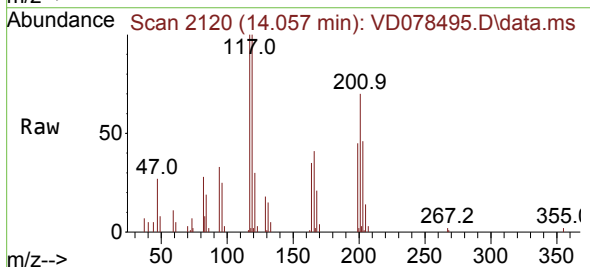
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

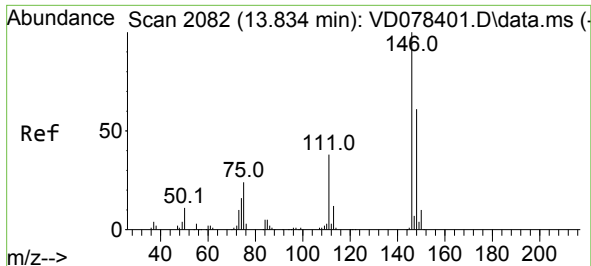
Tgt Ion: 91 Resp: 136693
Ion Ratio Lower Upper
91 100
92 51.1 26.5 79.5
134 25.5 13.8 41.3



#90
Hexachloroethane
Concen: 20.915 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion: 117 Resp: 29708
Ion Ratio Lower Upper
117 100
201 71.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.994 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

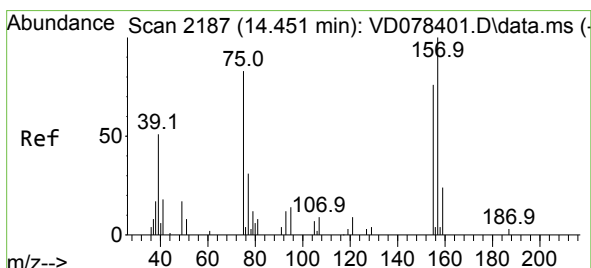
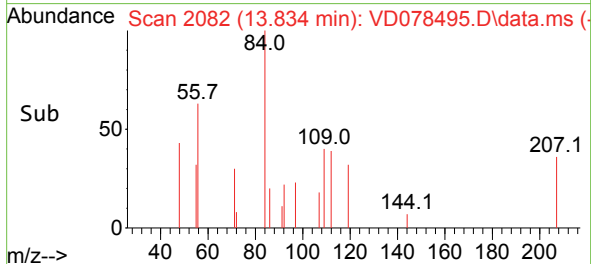
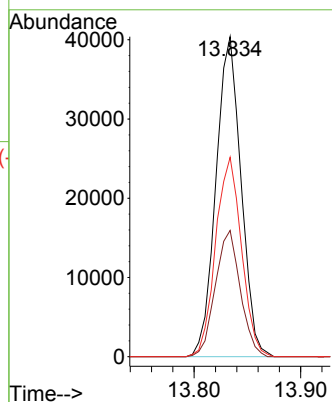
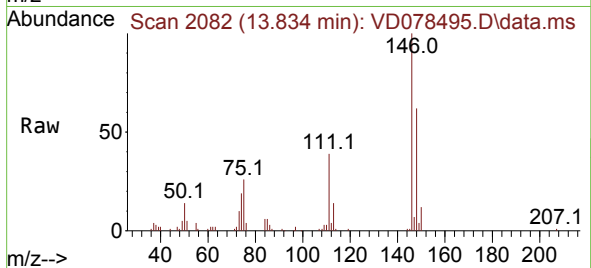
Tgt Ion:146 Resp: 66061

Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 64.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.526 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

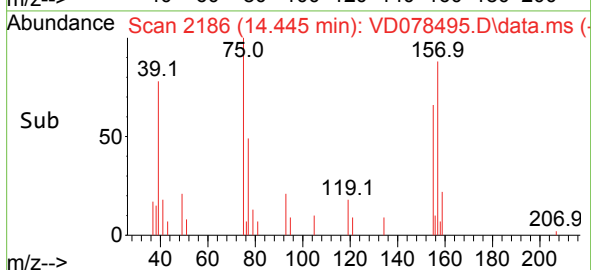
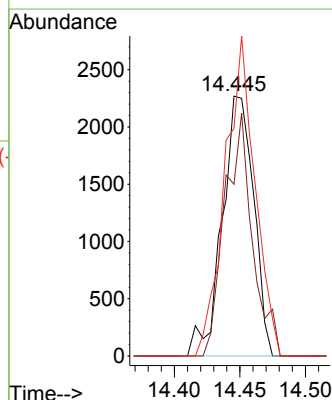
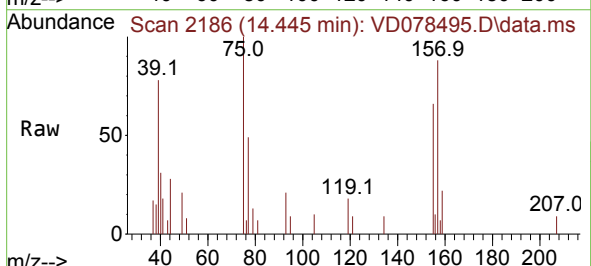
Tgt Ion: 75 Resp: 3789

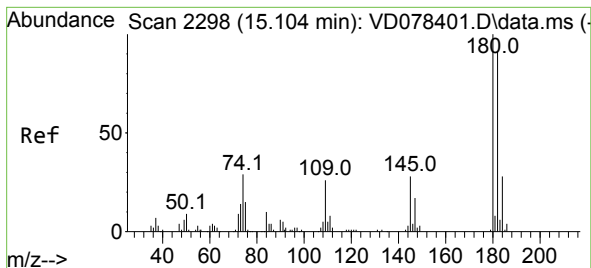
Ion Ratio Lower Upper

75 100

155 82.0 47.9 143.8

157 117.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.481 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBSD01

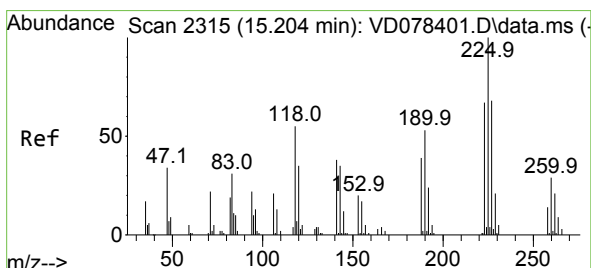
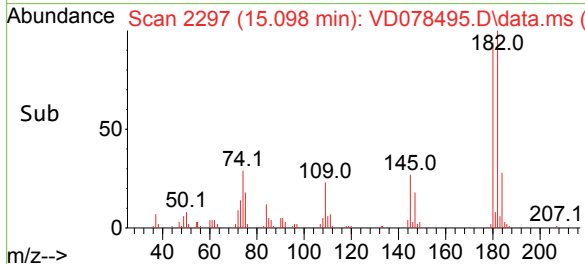
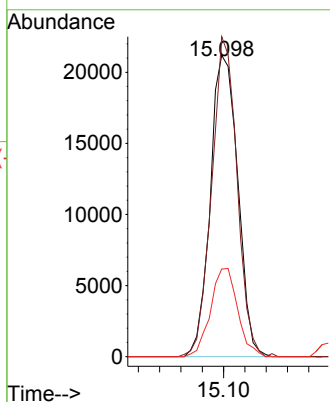
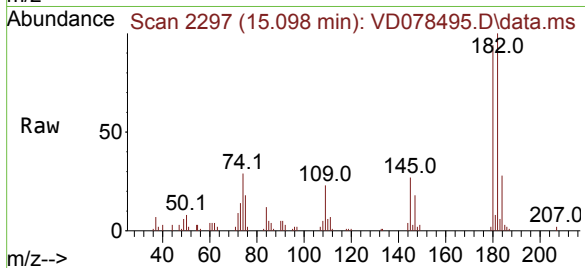
Tgt Ion:180 Resp: 37876

Ion Ratio Lower Upper

180 100

182 98.1 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.668 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078495.D

Acq: 21 Feb 2024 13:27

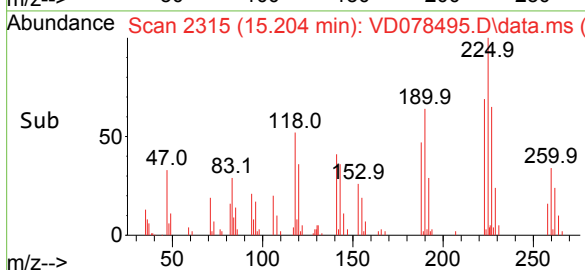
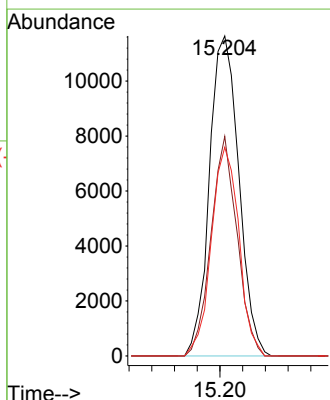
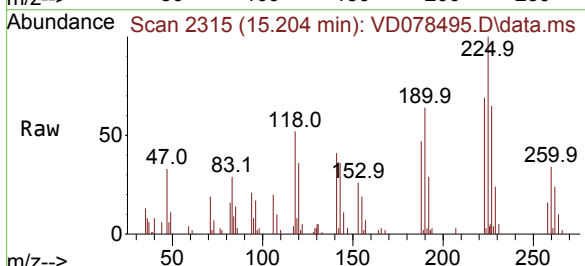
Tgt Ion:225 Resp: 20916

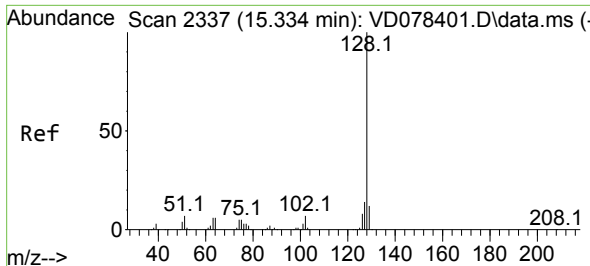
Ion Ratio Lower Upper

225 100

223 60.9 31.6 94.8

227 61.1 31.7 95.1

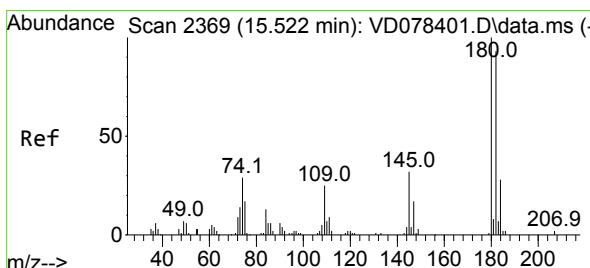
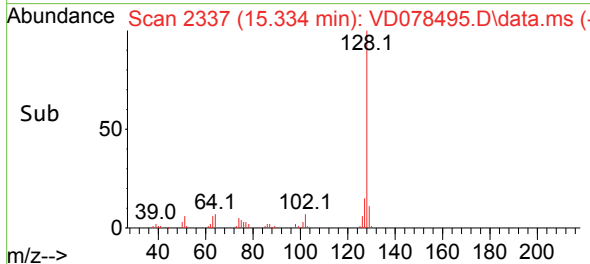
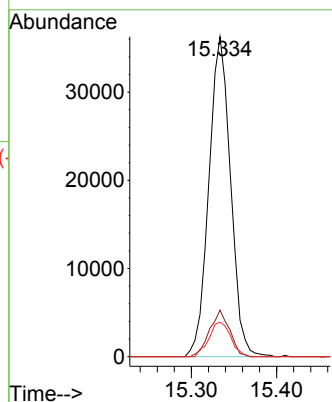
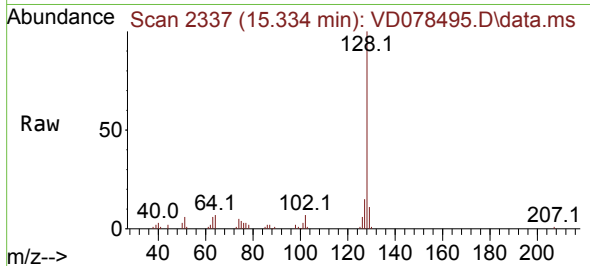




#95
Naphthalene
Concen: 18.714 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBSD01

Tgt Ion:	128	Resp:	64191
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.5	15.7
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.869 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078495.D
Acq: 21 Feb 2024 13:27

Tgt Ion:	180	Resp:	32709
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.9
145	29.6	15.1	45.3

