

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077917.D
 Acq On : 15 Dec 2023 23:34
 Operator : RP/MD
 Sample : VD1215SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 05:10:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82842	60.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.860%
35) Dibromofluoromethane	7.804	113	83447	55.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.000%
50) Toluene-d8	10.269	98	330165	55.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.640%
62) 4-Bromofluorobenzene	12.575	95	99590	55.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	28333	19.498	ug/l	96
3) Chloromethane	2.152	50	48398	24.434	ug/l	95
4) Vinyl Chloride	2.287	62	62489	23.239	ug/l	96
5) Bromomethane	2.693	94	42973	28.481	ug/l	95
6) Chloroethane	2.834	64	45205	24.658	ug/l	100
7) Trichlorofluoromethane	3.181	101	50996	20.592	ug/l	95
8) Diethyl Ether	3.599	74	15360	22.088	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	28496	20.113	ug/l	99
10) Methyl Iodide	4.169	142	31599	28.758	ug/l	92
11) Tert butyl alcohol	5.051	59	7723	110.715	ug/l #	81
12) 1,1-Dichloroethene	3.946	96	30745	21.987	ug/l #	74
13) Acrolein	3.793	56	14662	101.115	ug/l	88
14) Allyl chloride	4.563	41	40300	20.955	ug/l	91
15) Acrylonitrile	5.246	53	34734	116.656	ug/l	97
16) Acetone	4.016	43	40655	120.942	ug/l #	84
17) Carbon Disulfide	4.275	76	92609	19.576	ug/l	96
18) Methyl Acetate	4.569	43	27249	25.241	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	67657	22.805	ug/l	92
20) Methylene Chloride	4.804	84	46395	26.281	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	36001	22.730	ug/l	96
22) Diisopropyl ether	6.216	45	90883	22.614	ug/l	91
23) Vinyl Acetate	6.157	43	175413	89.378	ug/l	94
24) 1,1-Dichloroethane	6.116	63	63440	23.310	ug/l	98
25) 2-Butanone	7.087	43	43487	106.808	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	49100	21.487	ug/l #	73
27) cis-1,2-Dichloroethene	7.087	96	40418	23.716	ug/l	91
28) Bromochloromethane	7.428	49	24556	22.329	ug/l #	80
29) Tetrahydrofuran	7.451	42	24061	110.228	ug/l	88
30) Chloroform	7.598	83	64256	23.590	ug/l	94
31) Cyclohexane	7.875	56	45433	18.634	ug/l #	86
32) 1,1,1-Trichloroethane	7.798	97	53006	22.074	ug/l	99
36) 1,1-Dichloropropene	8.016	75	45023	18.888	ug/l	95
37) Ethyl Acetate	7.169	43	16753	18.024	ug/l #	75
38) Carbon Tetrachloride	7.992	117	46159	19.424	ug/l	98
39) Methylcyclohexane	9.275	83	51458	18.210	ug/l	97
40) Benzene	8.251	78	142084	21.001	ug/l	99

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 05:10:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11376	24.081	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	38124	21.739	ug/l	95
43) Isopropyl Acetate	8.363	43	32956	19.946	ug/l	97
44) Trichloroethene	9.028	130	35002	19.853	ug/l	90
45) 1,2-Dichloropropane	9.310	63	35240	21.427	ug/l	100
46) Dibromomethane	9.392	93	18897	21.715	ug/l	96
47) Bromodichloromethane	9.581	83	48859	22.151	ug/l	100
48) Methyl methacrylate	9.381	41	19348	20.600	ug/l #	79
49) 1,4-Dioxane	9.392	88	3078	356.210	ug/l #	66
51) 4-Methyl-2-Pentanone	10.157	43	85030	100.838	ug/l	89
52) Toluene	10.334	92	90522	21.570	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	44927	21.211	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	51988	20.301	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	25300	21.255	ug/l	90
56) Ethyl methacrylate	10.598	69	21161	20.167	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45173	22.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	59374	99.223	ug/l	97
59) 2-Hexanone	10.922	43	67035	95.821	ug/l	90
60) Dibromochloromethane	11.075	129	31506	21.984	ug/l	97
61) 1,2-Dibromoethane	11.181	107	24700	22.044	ug/l	95
64) Tetrachloroethene	10.810	164	29297	20.271	ug/l	96
65) Chlorobenzene	11.610	112	95454	19.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	34132	20.873	ug/l	97
67) Ethyl Benzene	11.686	91	164233	20.061	ug/l	94
68) m/p-Xylenes	11.792	106	126824	40.499	ug/l	90
69) o-Xylene	12.122	106	58972	20.434	ug/l	92
70) Styrene	12.133	104	88523	20.628	ug/l	94
71) Bromoform	12.298	173	17854	20.896	ug/l #	97
73) Isopropylbenzene	12.422	105	153453	20.501	ug/l	98
74) N-amyl acetate	12.233	43	28561	19.411	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	30610	23.453	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	35972	41.937	ug/l #	100
77) Bromobenzene	12.698	156	37528	21.315	ug/l	91
78) n-propylbenzene	12.763	91	193071	21.168	ug/l	95
79) 2-Chlorotoluene	12.851	91	102910	21.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	131076	20.996	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8806	20.800	ug/l	94
82) 4-Chlorotoluene	12.945	91	111834	21.885	ug/l	93
83) tert-Butylbenzene	13.169	119	109048	20.690	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	131705	21.092	ug/l	97
85) sec-Butylbenzene	13.345	105	157745	20.248	ug/l	98
86) p-Isopropyltoluene	13.457	119	141441	20.278	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	74563	20.709	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	74823	19.852	ug/l	96
89) n-Butylbenzene	13.786	91	131281	20.002	ug/l	98
90) Hexachloroethane	14.057	117	28946	22.565	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	67390	22.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3805	19.528	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	37771	18.058	ug/l	98
94) Hexachlorobutadiene	15.204	225	20555	18.224	ug/l	97
95) Naphthalene	15.333	128	72183	20.771	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	34748	20.151	ug/l	98

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 33 Sample Multiplier: 1

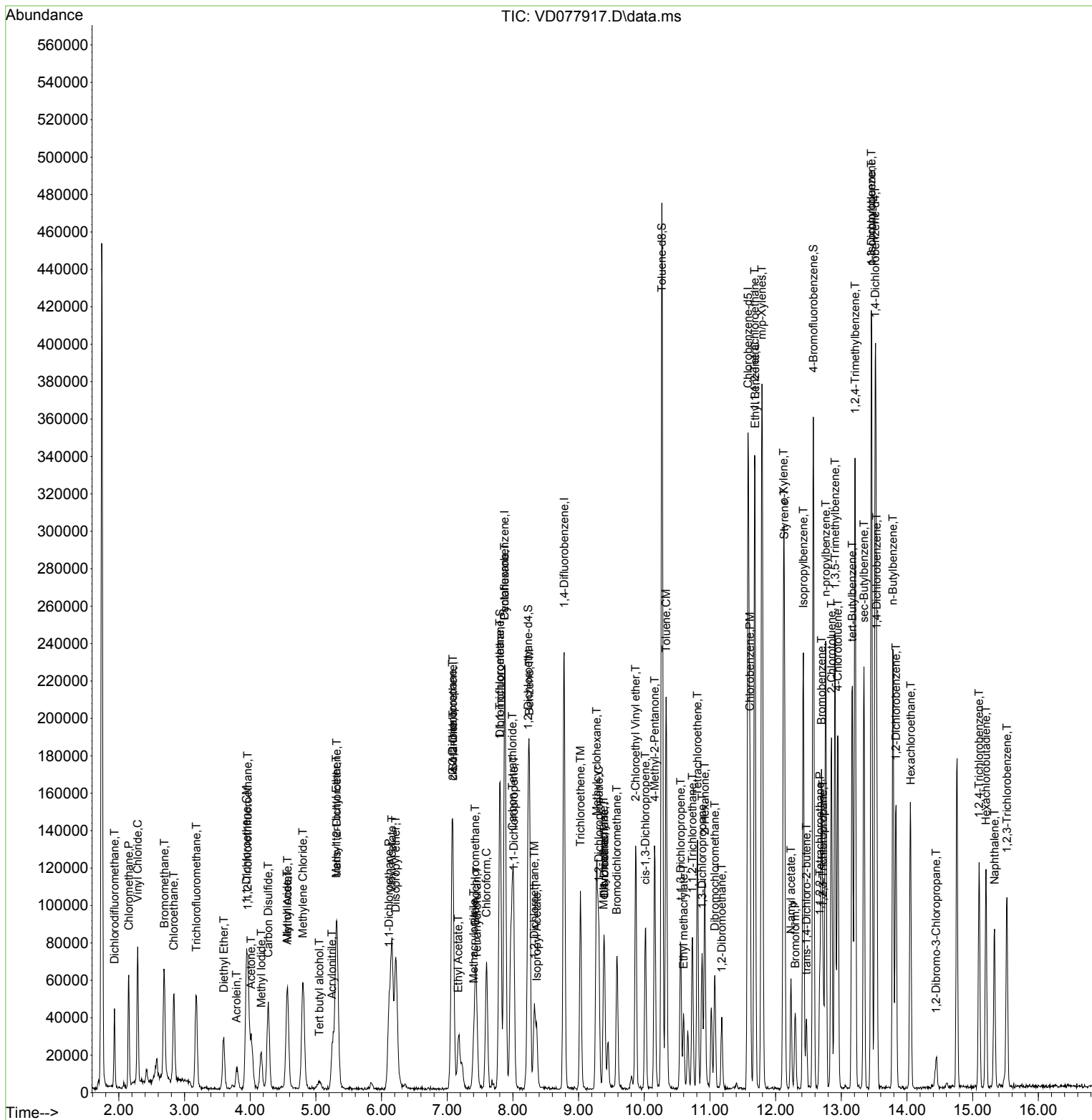
Instrument :
MSVOA_D
ClientSampleId :

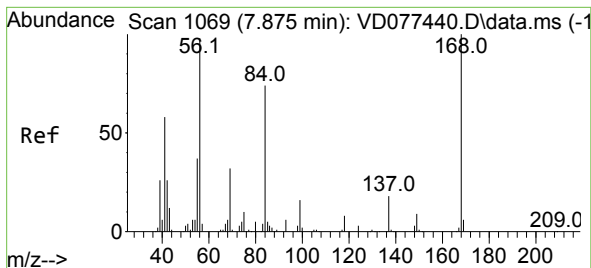
Quant Time: Dec 16 05:10:26 2023
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

Quant Time: Dec 16 05:10:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

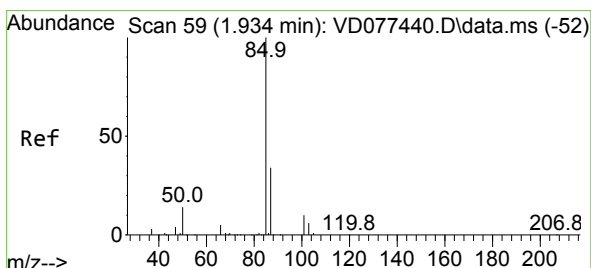
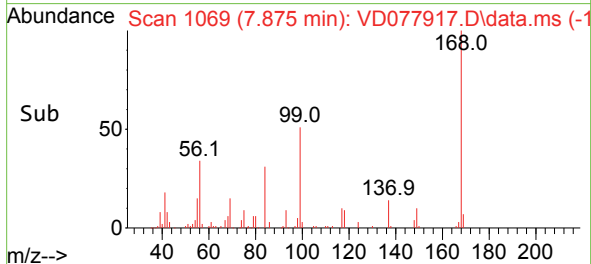
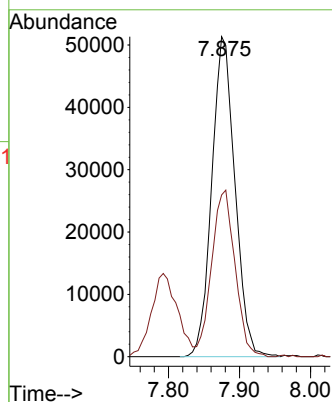
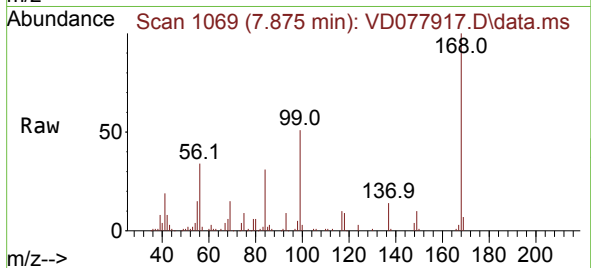
ClientSampleId :

Tgt Ion:168 Resp: 116330

Ion Ratio Lower Upper

168 100

99 50.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.498 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD077917.D

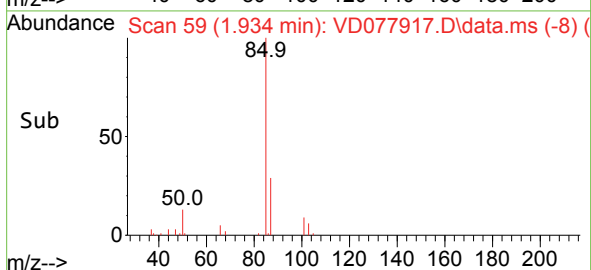
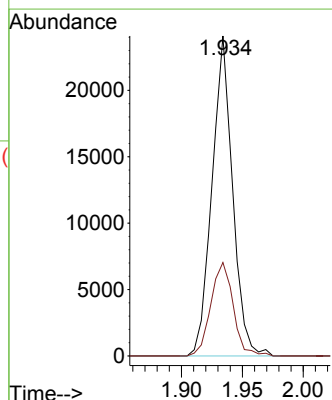
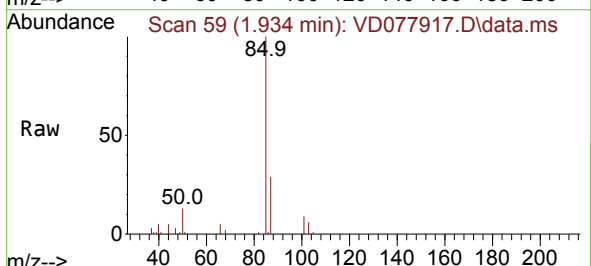
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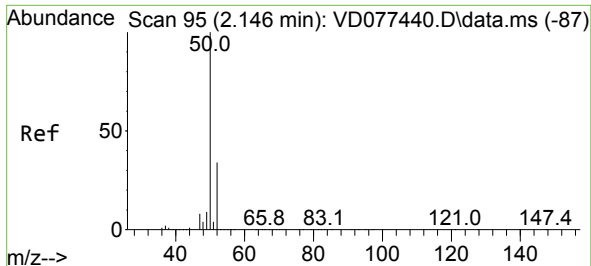
Tgt Ion: 85 Resp: 28333

Ion Ratio Lower Upper

85 100

87 29.2 15.7 47.0

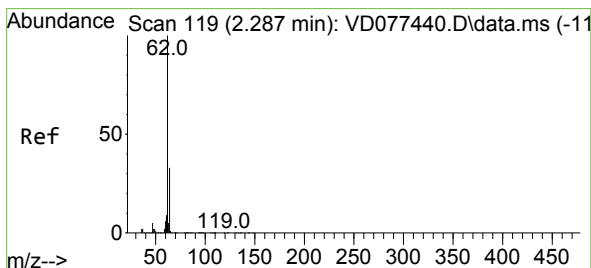
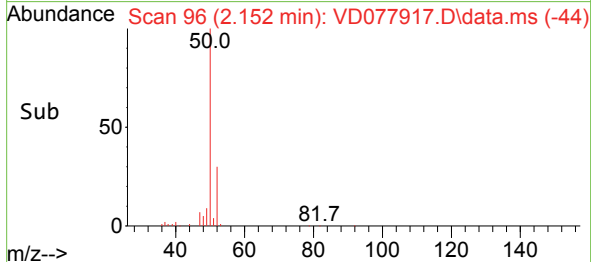
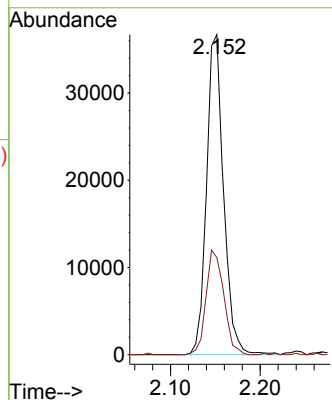
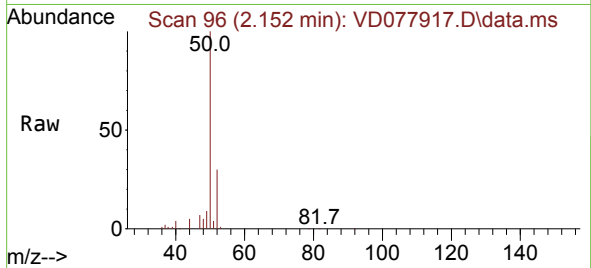




#3
Chloromethane
Concen: 24.434 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

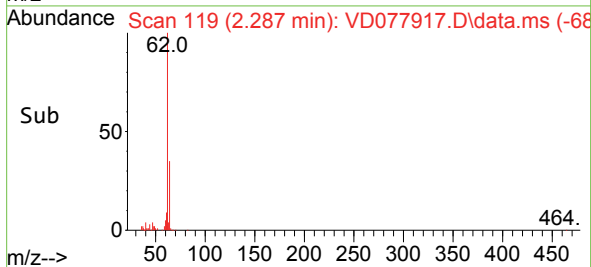
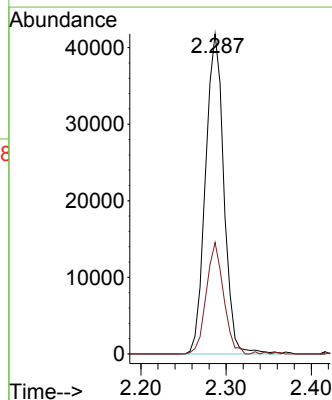
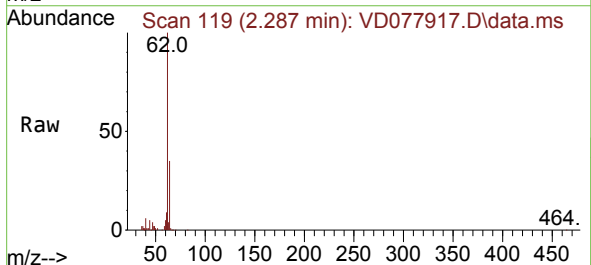
Instrument :
MSVOA_D
ClientSampleId :

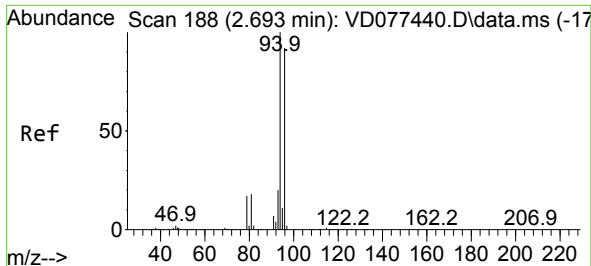
Tgt Ion: 50 Resp: 48398
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0



#4
Vinyl Chloride
Concen: 23.239 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 62 Resp: 62489
Ion Ratio Lower Upper
62 100
64 34.8 26.0 39.0

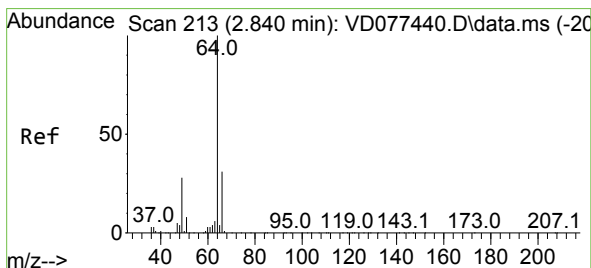
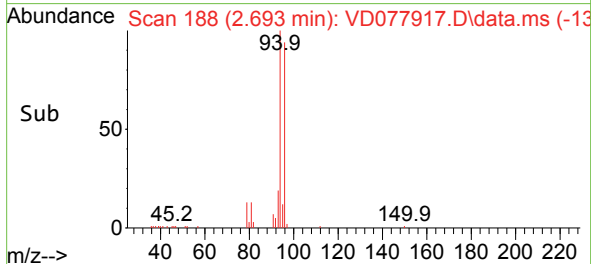
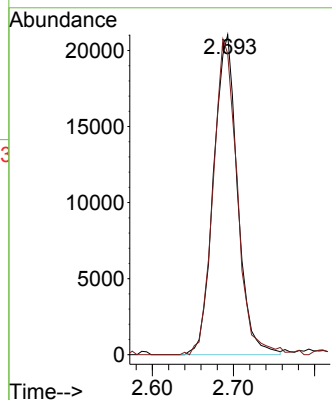
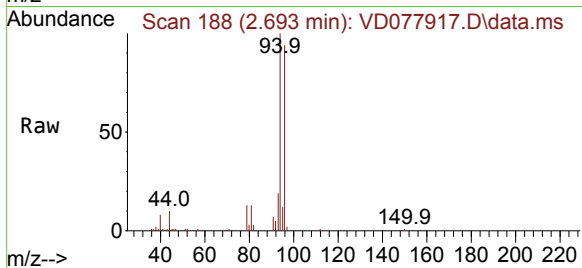




#5
Bromomethane
Concen: 28.481 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

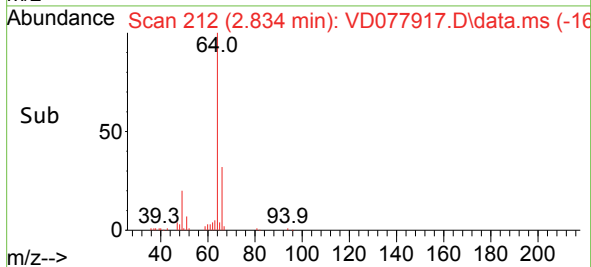
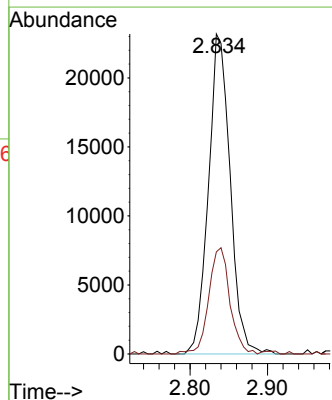
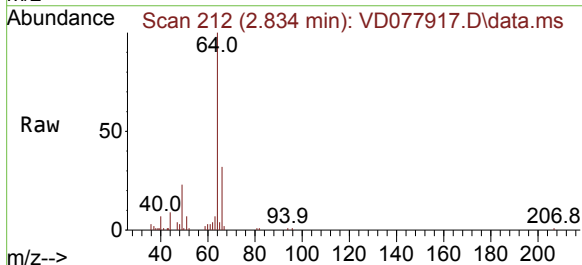
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ClientSampleId :

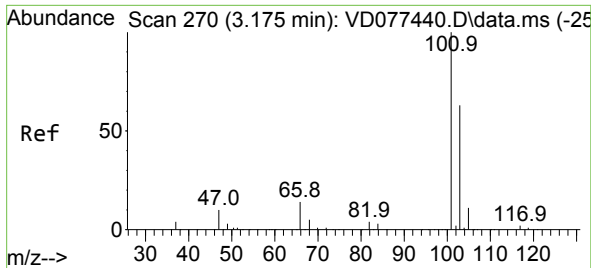
Tgt Ion: 94 Resp: 42973
Ion Ratio Lower Upper
94 100
96 99.5 75.8 113.8



#6
Chloroethane
Concen: 24.658 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 64 Resp: 45205
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

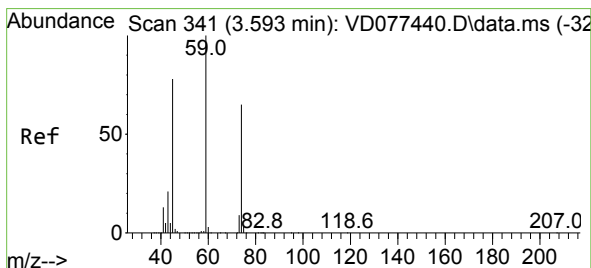
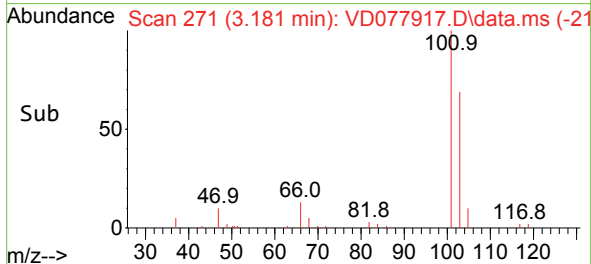
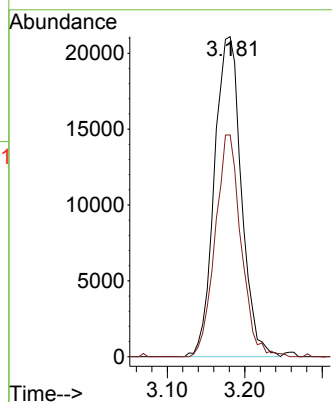
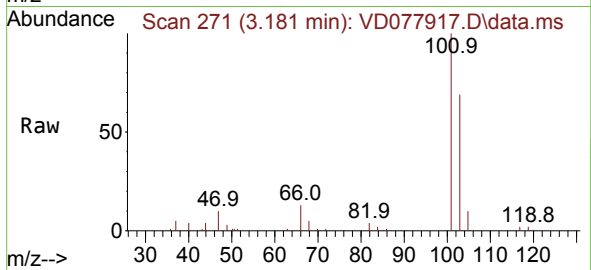




#7
Trichlorofluoromethane
Concen: 20.592 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

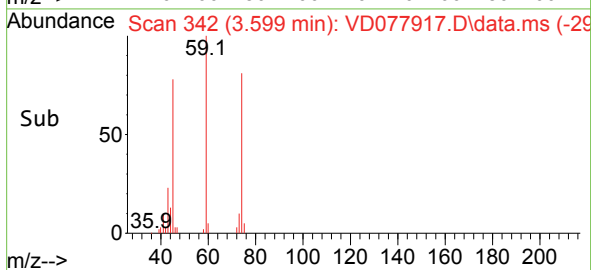
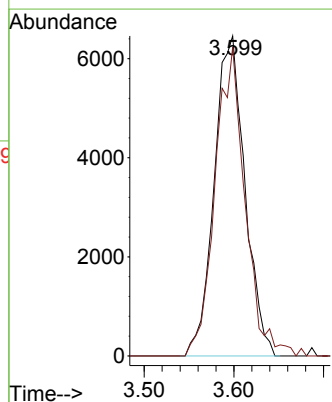
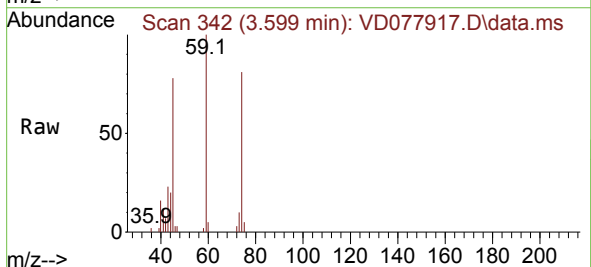
Instrument :
MSVOA_D
ClientSampleId :

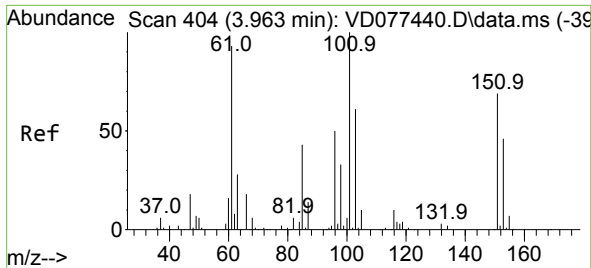
Tgt Ion:101 Resp: 50996
Ion Ratio Lower Upper
101 100
103 69.3 52.3 78.5



#8
Diethyl Ether
Concen: 22.088 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 74 Resp: 15360
Ion Ratio Lower Upper
74 100
45 94.3 37.5 112.7

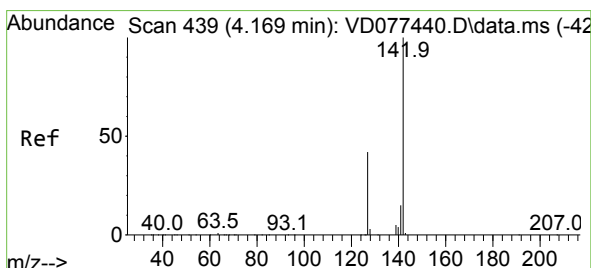
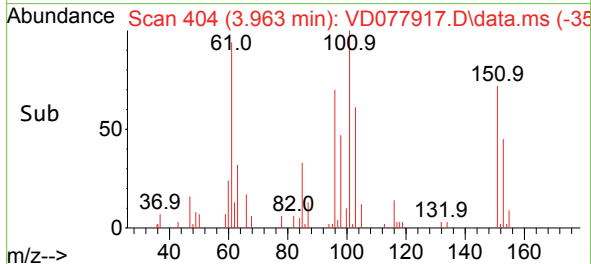
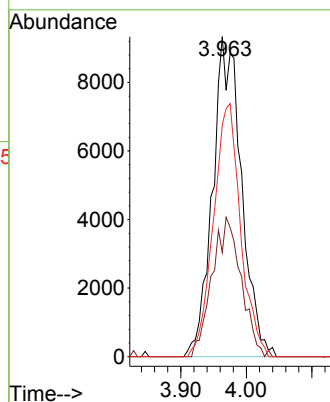
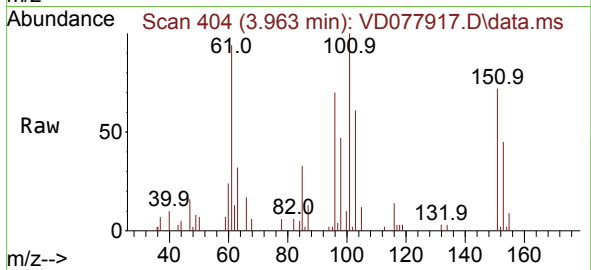




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.113 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

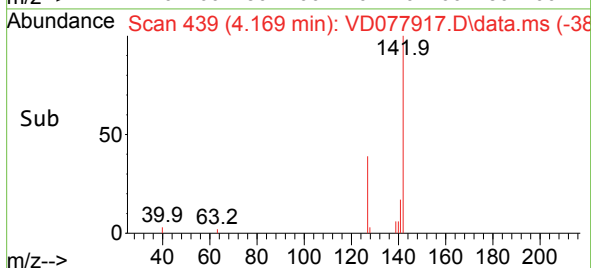
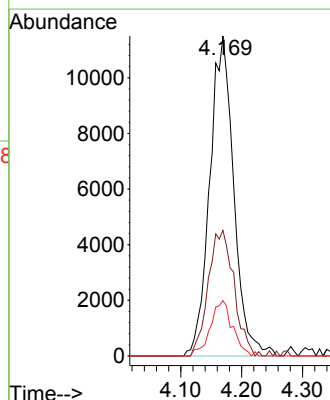
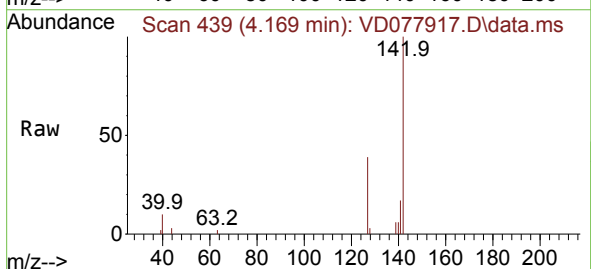
Instrument :
MSVOA_D
ClientSampleId :

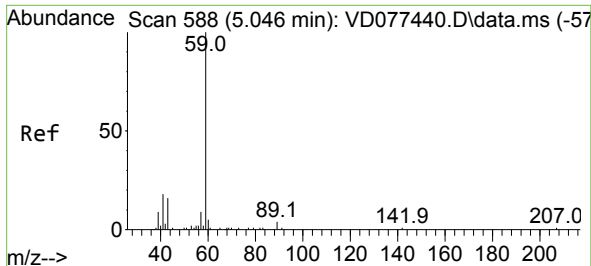
Tgt Ion:101 Resp: 28496
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 28.758 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:142 Resp: 31599
Ion Ratio Lower Upper
142 100
127 42.0 29.4 44.0
141 16.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 110.715 ug/l

RT: 5.051 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

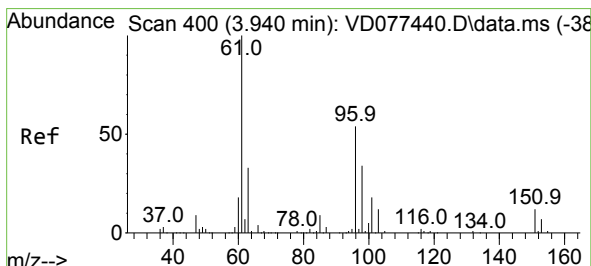
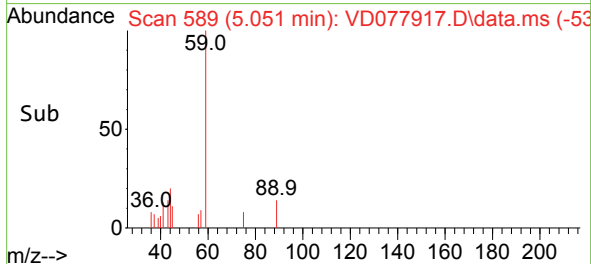
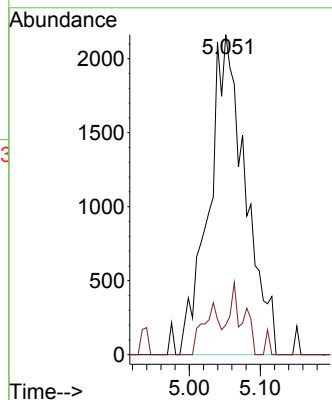
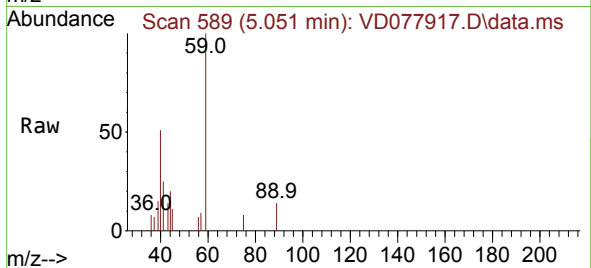
ClientSampleId :

Tgt Ion: 59 Resp: 7723

Ion Ratio Lower Upper

59 100

57 2.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 21.987 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

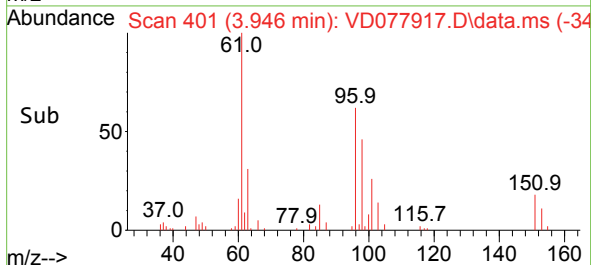
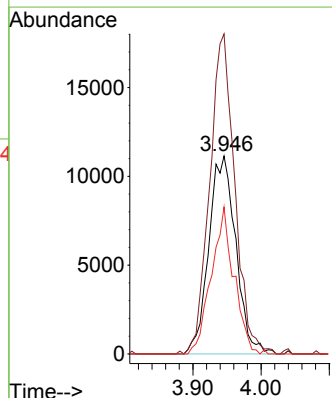
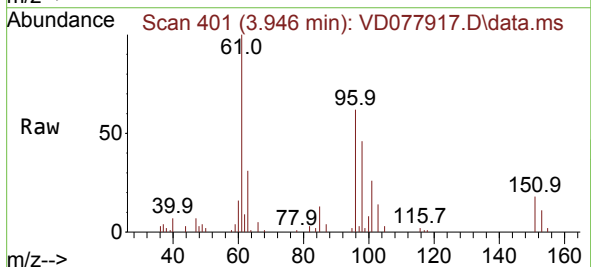
Tgt Ion: 96 Resp: 30745

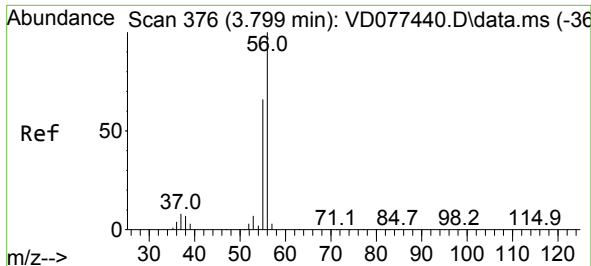
Ion Ratio Lower Upper

96 100

61 161.7 100.6 150.8#

98 74.2 50.2 75.2

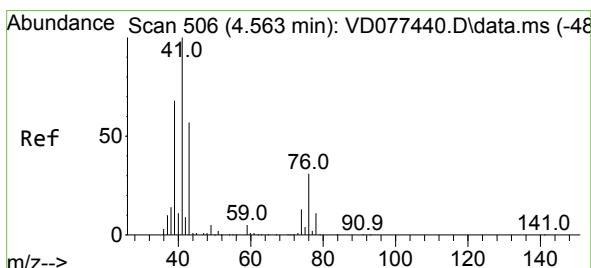
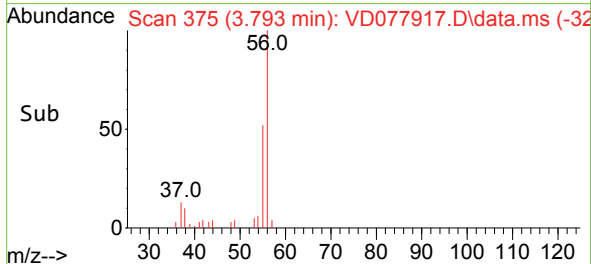
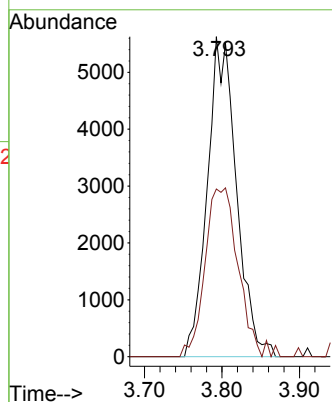
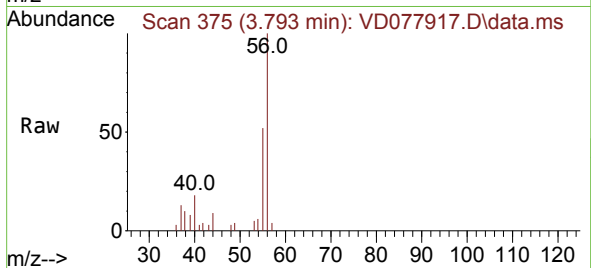




#13
Acrolein
Concen: 101.115 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

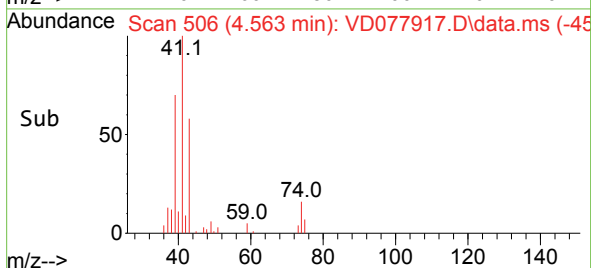
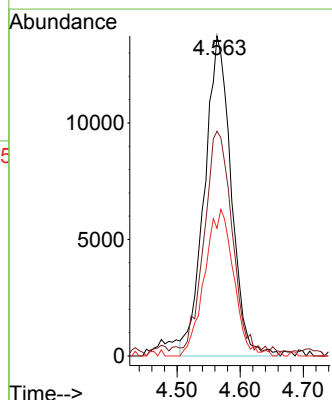
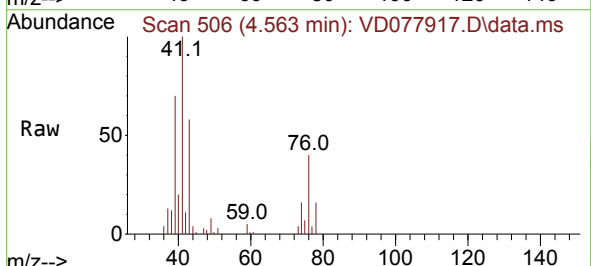
Instrument :
MSVOA_D
ClientSampleId :

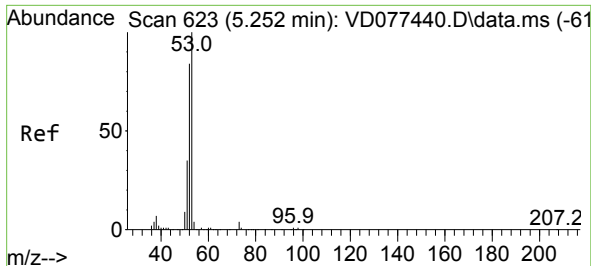
Tgt Ion: 56 Resp: 14662
Ion Ratio Lower Upper
56 100
55 59.2 55.1 82.7



#14
Allyl chloride
Concen: 20.955 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

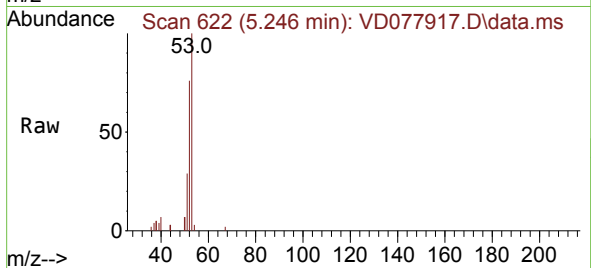
Tgt Ion: 41 Resp: 40300
Ion Ratio Lower Upper
41 100
39 73.2 53.8 80.6
76 49.8 45.8 68.8



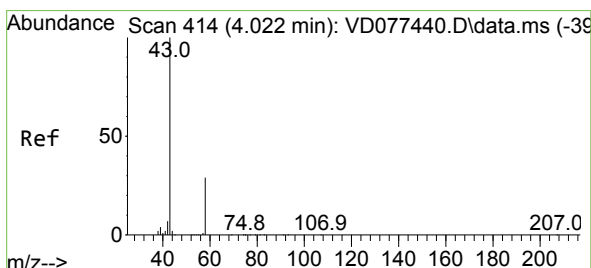
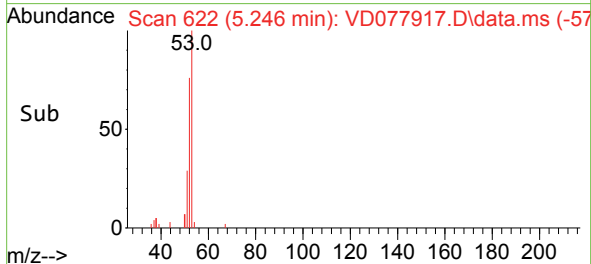
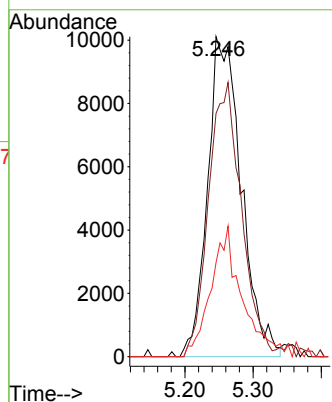


#15
Acrylonitrile
Concen: 116.656 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

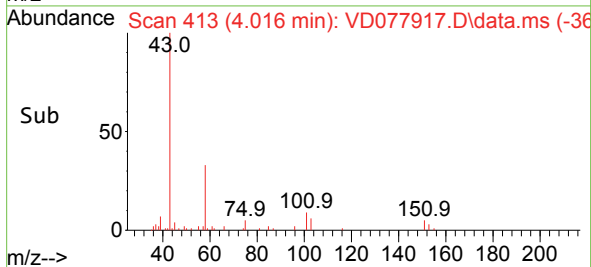
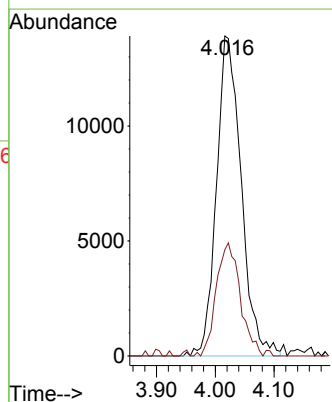
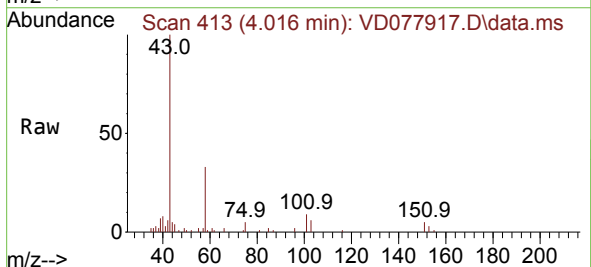


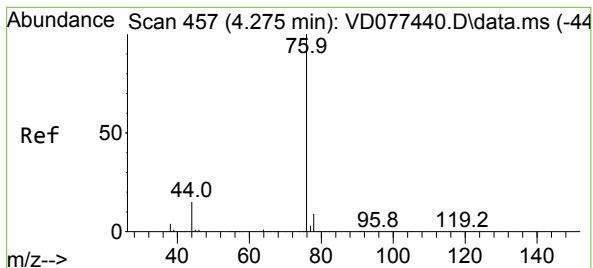
Tgt Ion: 53 Resp: 34734
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 37.9 28.3 42.5



#16
Acetone
Concen: 120.942 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 43 Resp: 40655
Ion Ratio Lower Upper
43 100
58 33.2 34.7 52.1#





#17

Carbon Disulfide

Concen: 19.576 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

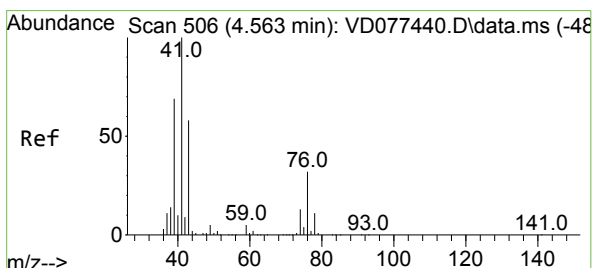
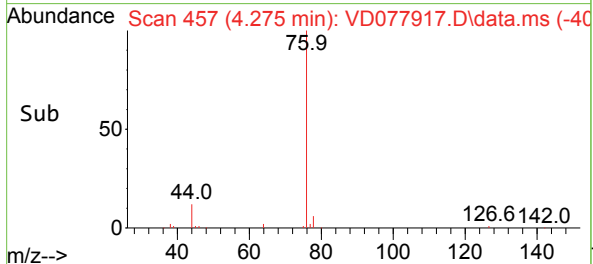
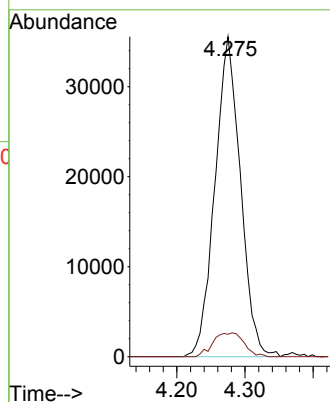
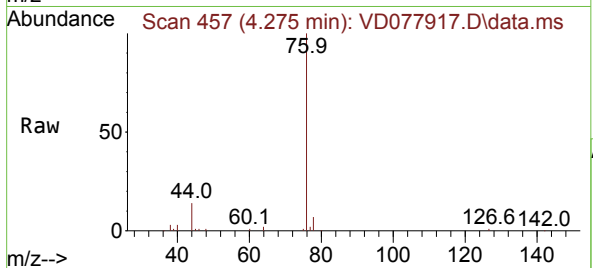
ClientSampleId :

Tgt Ion: 76 Resp: 92609

Ion Ratio Lower Upper

76 100

78 7.0 6.8 10.2



#18

Methyl Acetate

Concen: 25.241 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077917.D

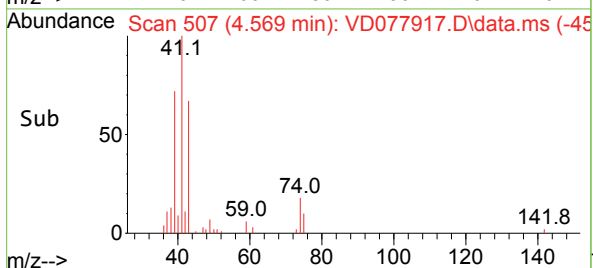
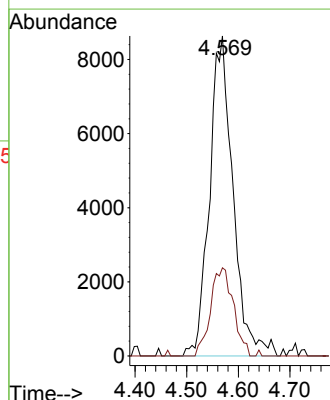
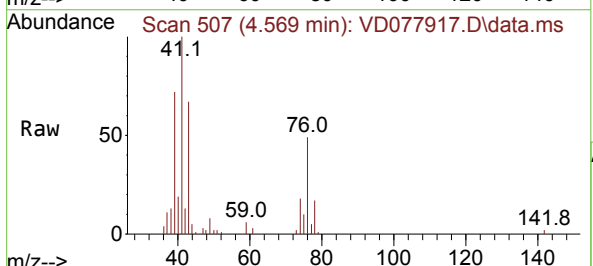
Acq: 15 Dec 2023 23:34

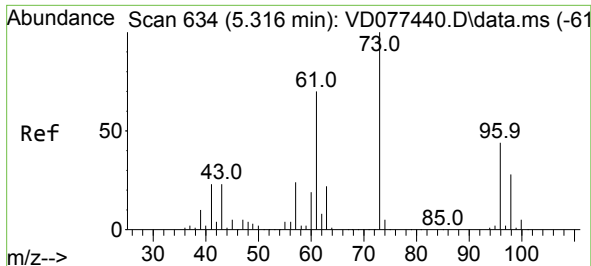
Tgt Ion: 43 Resp: 27249

Ion Ratio Lower Upper

43 100

74 26.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.805 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

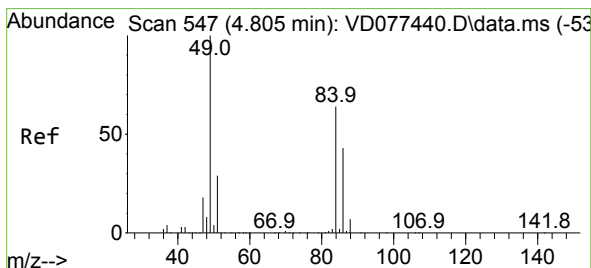
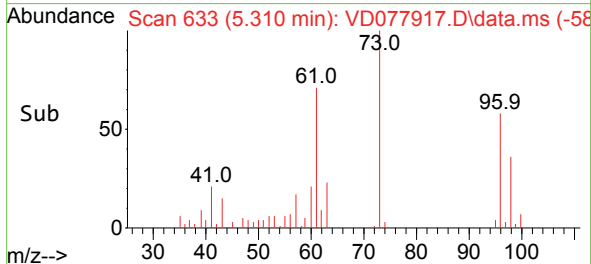
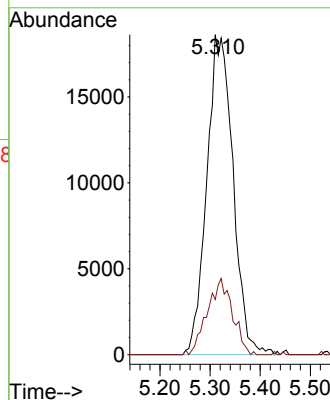
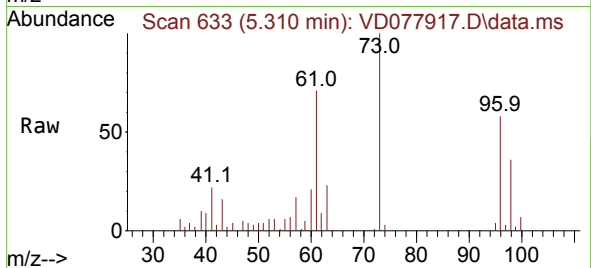
ClientSampleId :

Tgt Ion: 73 Resp: 67657

Ion Ratio Lower Upper

73 100

57 17.3 16.6 25.0



#20

Methylene Chloride

Concen: 26.281 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Tgt Ion: 84 Resp: 46395

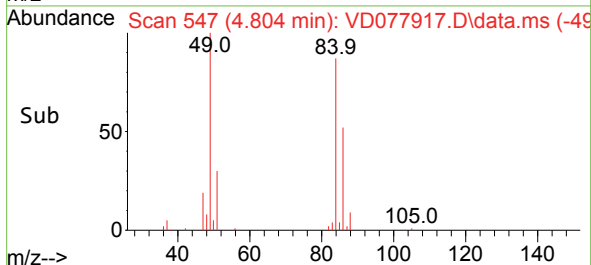
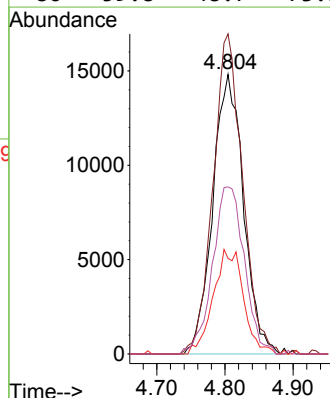
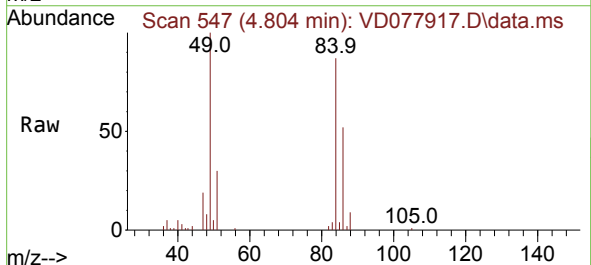
Ion Ratio Lower Upper

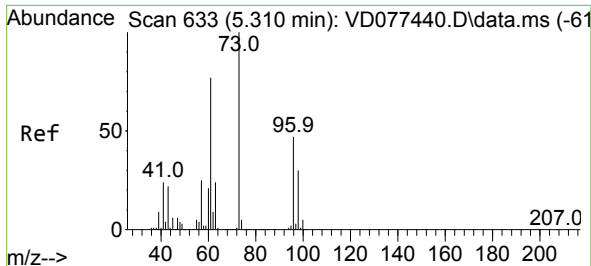
84 100

49 114.5 71.4 107.2#

51 34.2 24.5 36.7

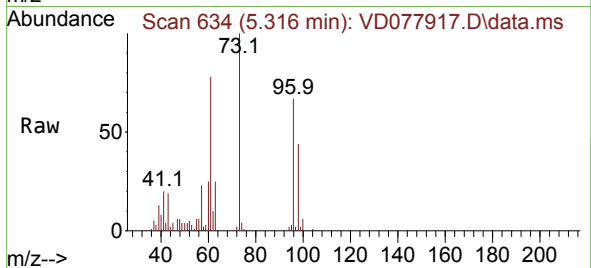
86 59.8 48.7 73.1



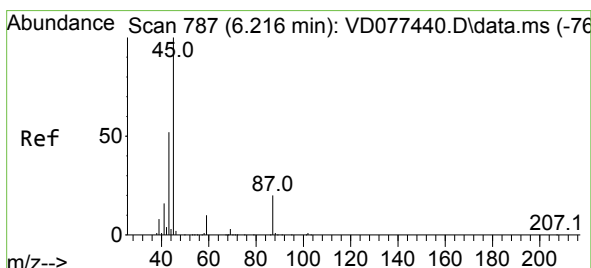
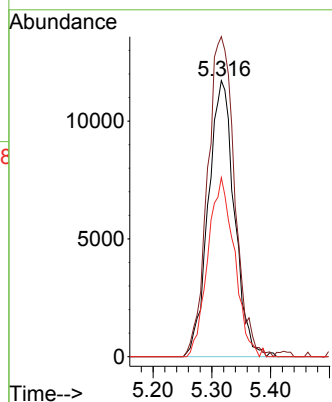
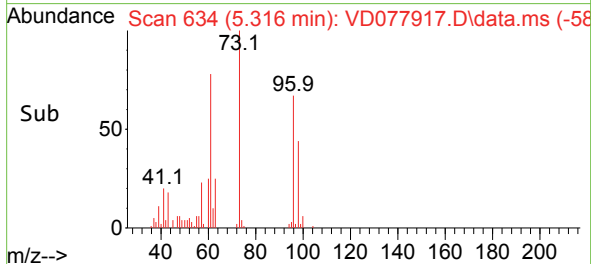


#21
trans-1,2-Dichloroethene
Concen: 22.730 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

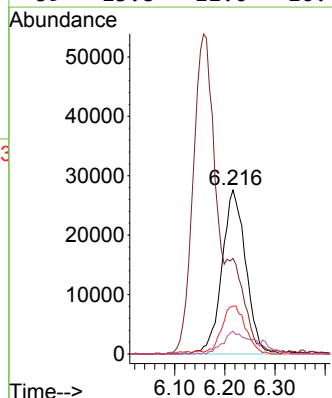
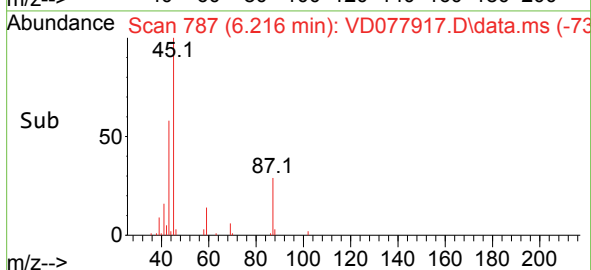
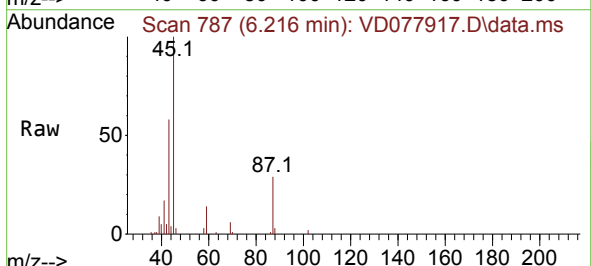


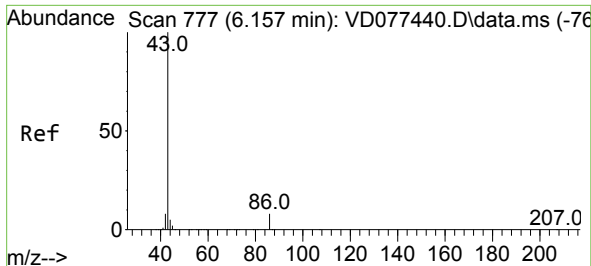
Tgt Ion: 96 Resp: 36001
Ion Ratio Lower Upper
96 100
61 115.9 89.3 133.9
98 64.8 48.6 73.0



#22
Diisopropyl ether
Concen: 22.614 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 45 Resp: 90883
Ion Ratio Lower Upper
45 100
43 57.0 40.0 60.0
87 29.2 28.2 42.4
59 13.8 11.0 16.4

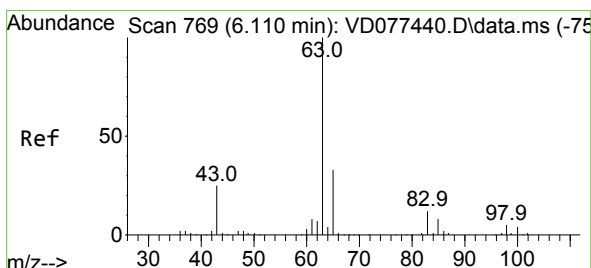
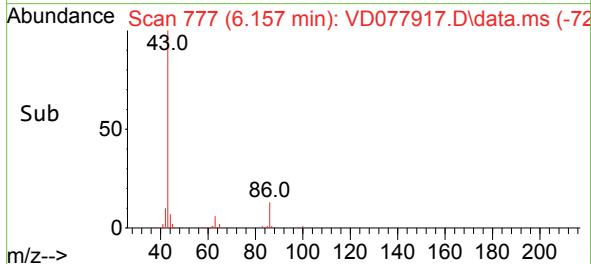
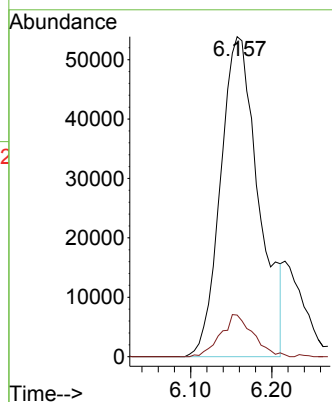
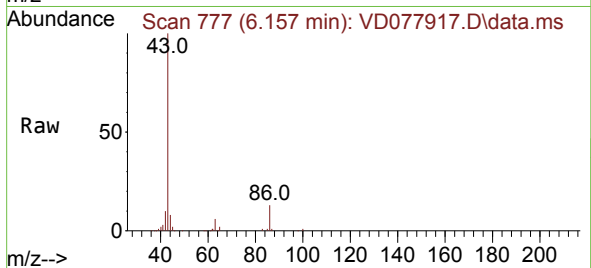




#23
 Vinyl Acetate
 Concen: 89.378 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

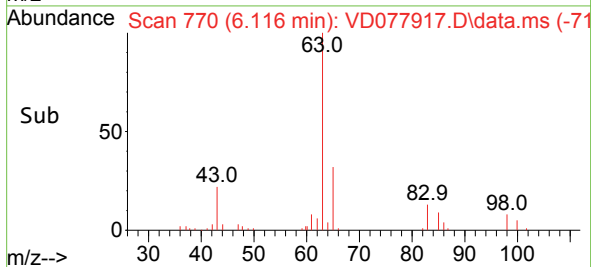
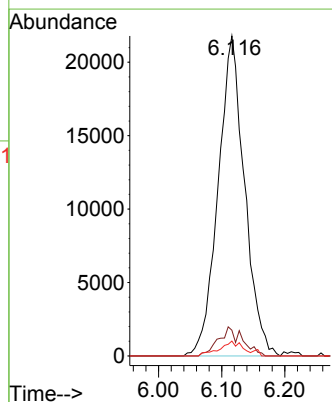
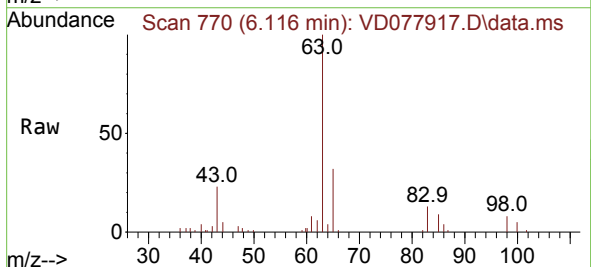
Instrument :
 MSVOA_D
 ClientSampleId :

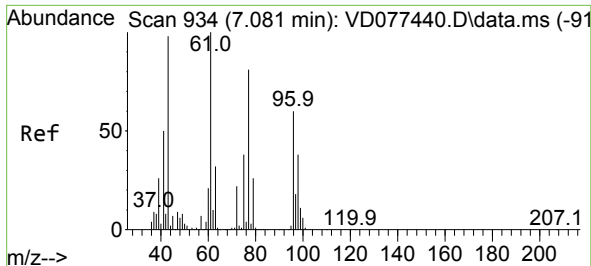
Tgt Ion: 43 Resp: 175413
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 23.310 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion: 63 Resp: 63440
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 4.6 2.5 7.5

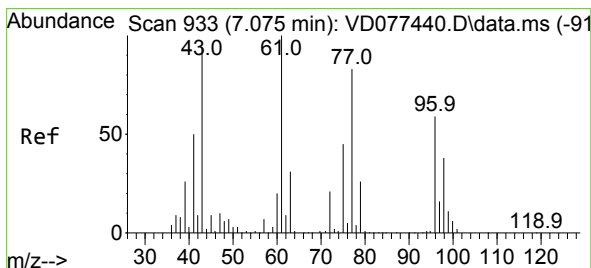
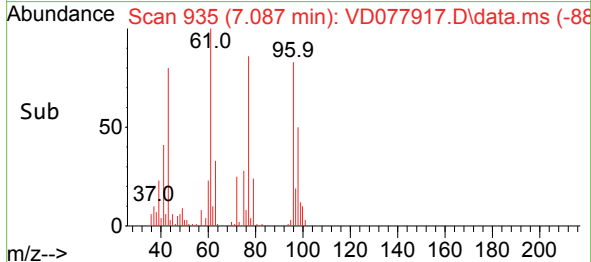
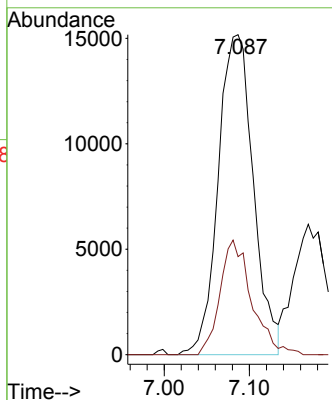
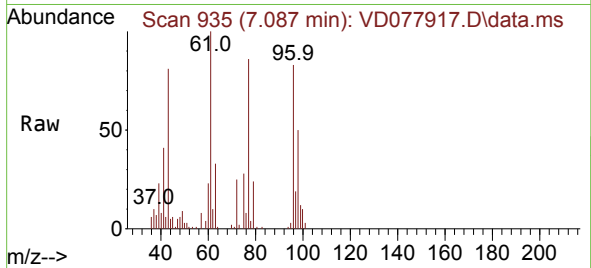




#25
2-Butanone
Concen: 106.808 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

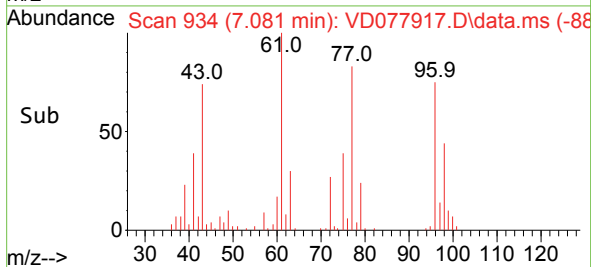
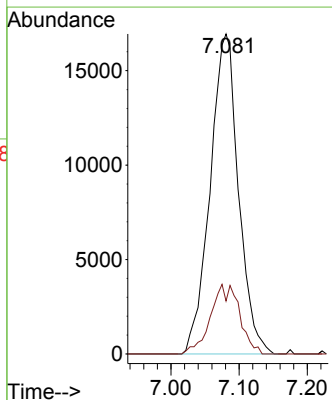
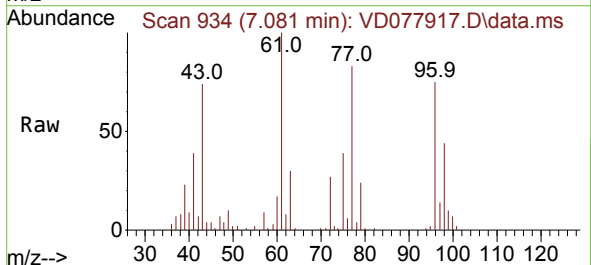
Instrument :
MSVOA_D
ClientSampleId :

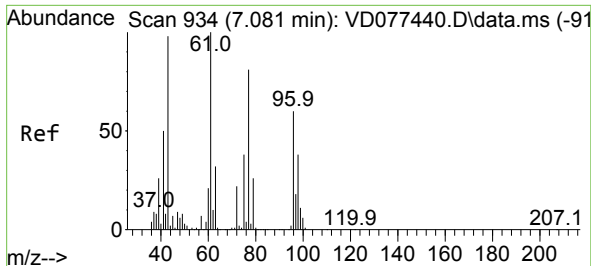
Tgt Ion: 43 Resp: 43487
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.487 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

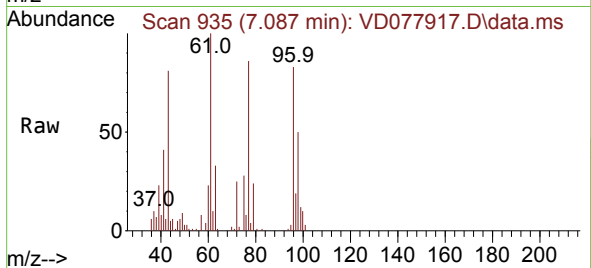
Tgt Ion: 77 Resp: 49100
Ion Ratio Lower Upper
77 100
97 12.7 13.2 39.6#



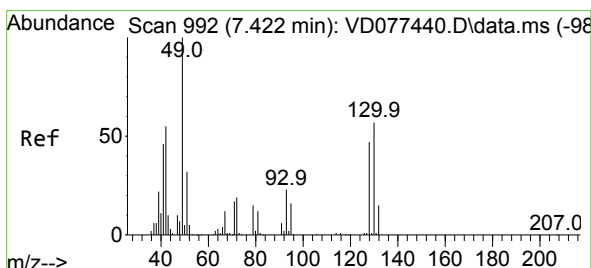
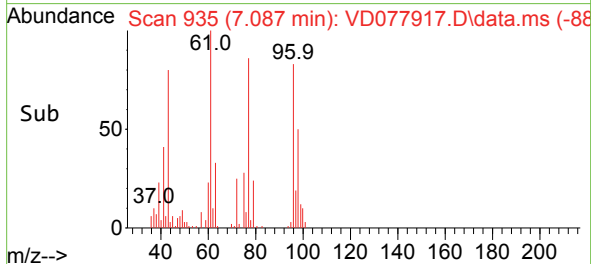
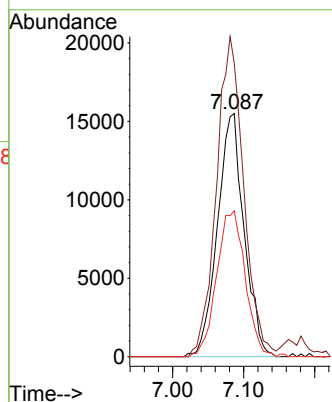


#27
 cis-1,2-Dichloroethene
 Concen: 23.716 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Instrument :
 MSVOA_D
 ClientSampleId :

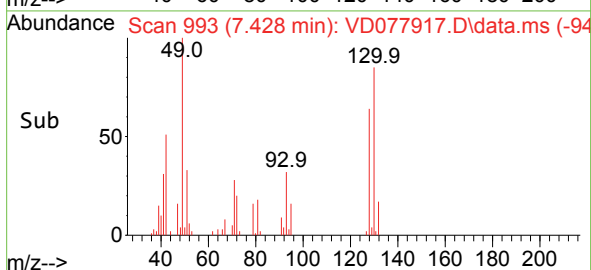
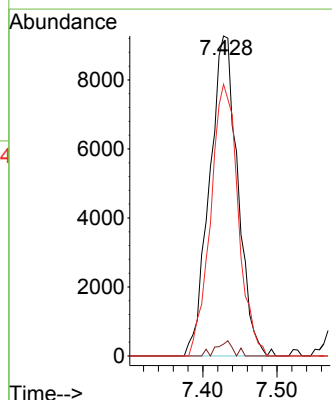
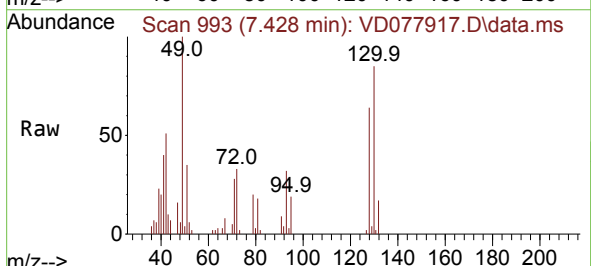


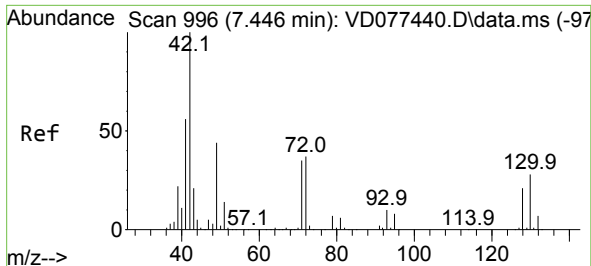
Tgt Ion: 96 Resp: 40418
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 239.2
 98 64.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.329 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion: 49 Resp: 24556
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 82.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 110.228 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD077917.D

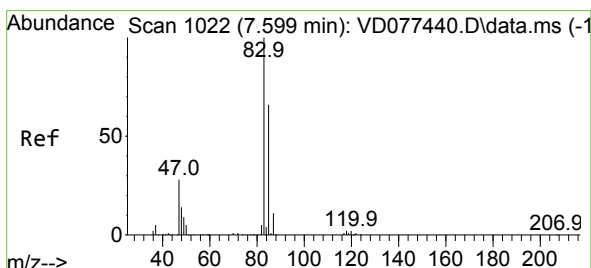
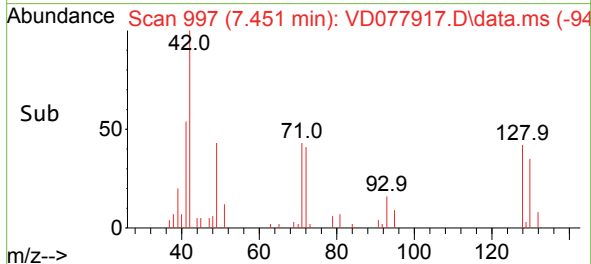
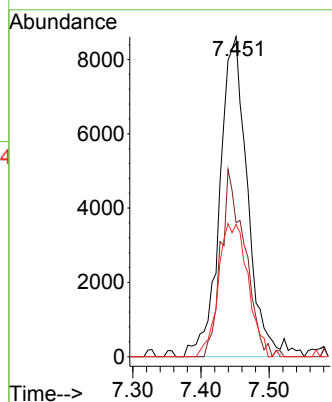
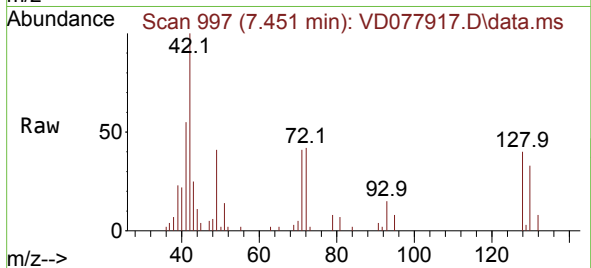
Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	24061
Ion	Ratio	Lower	Upper
42	100		
72	51.3	46.5	69.7
71	45.1	44.5	66.7



#30

Chloroform

Concen: 23.590 ug/l

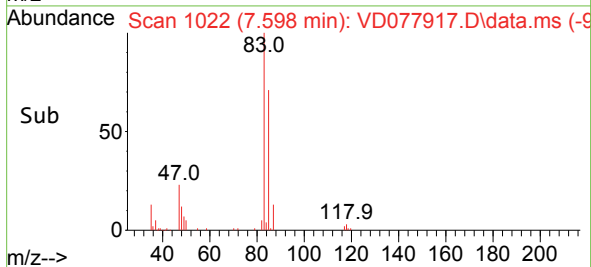
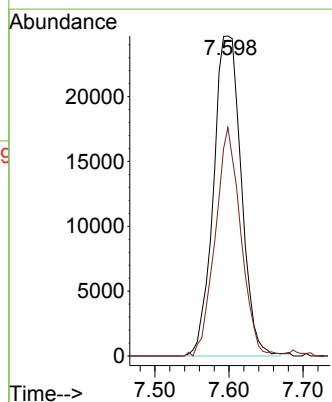
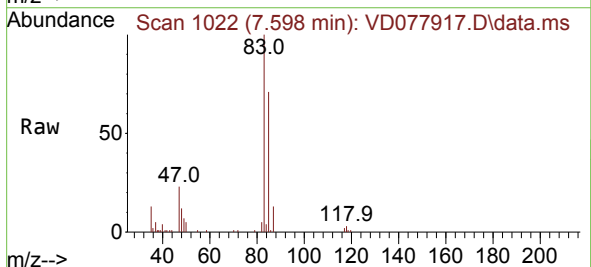
RT: 7.598 min Scan# 1022

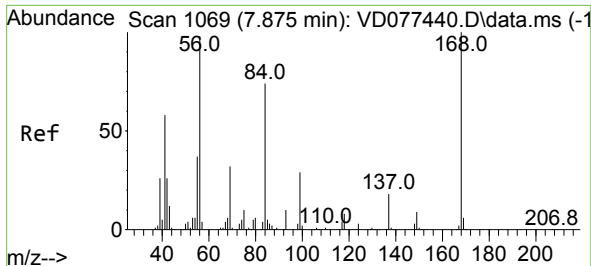
Delta R.T. -0.001 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

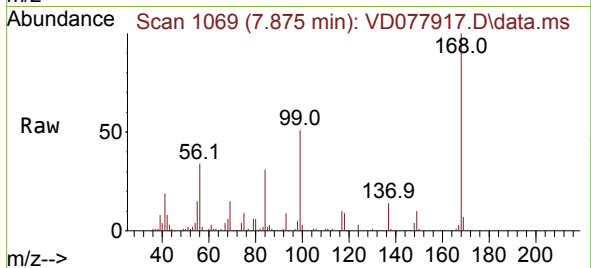
Tgt Ion:	83	Resp:	64256
Ion	Ratio	Lower	Upper
83	100		
85	71.4	53.4	80.2



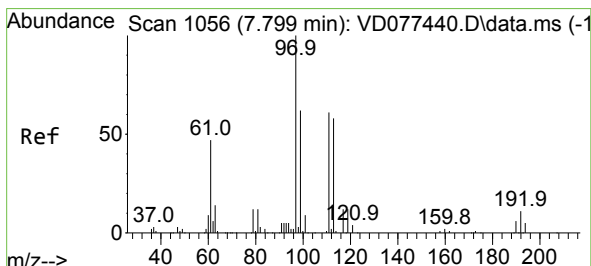
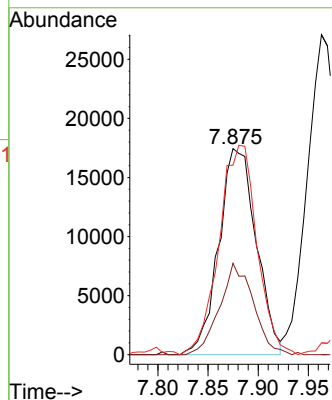
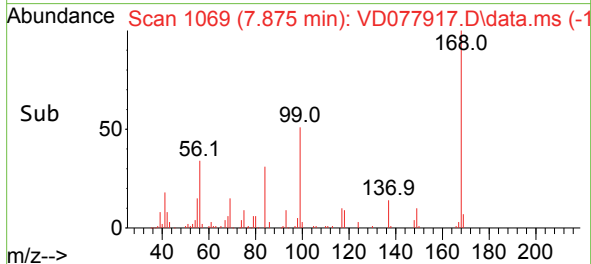


#31
Cyclohexane
Concen: 18.634 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

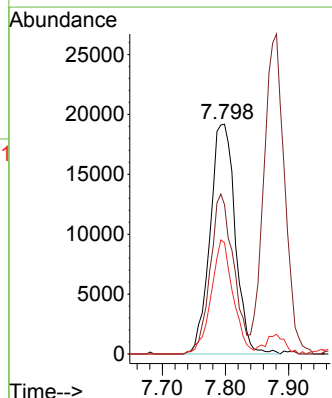
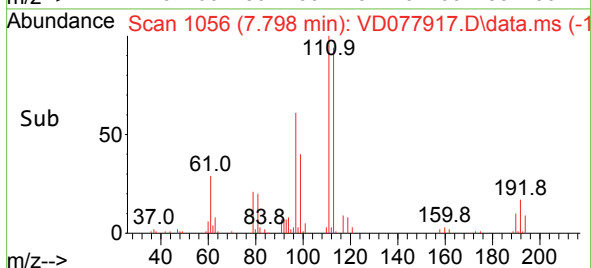
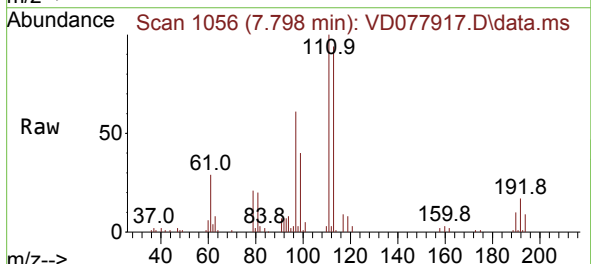


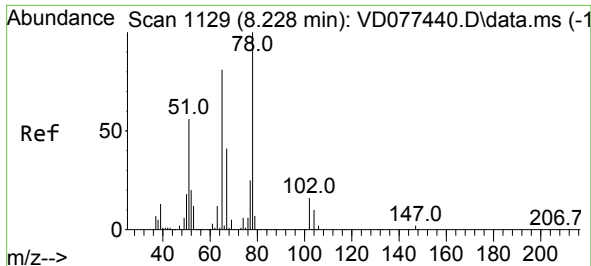
Tgt Ion: 56 Resp: 45433
Ion Ratio Lower Upper
56 100
69 44.3 28.6 43.0#
84 91.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 22.074 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 97 Resp: 53006
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 43.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 60.434 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

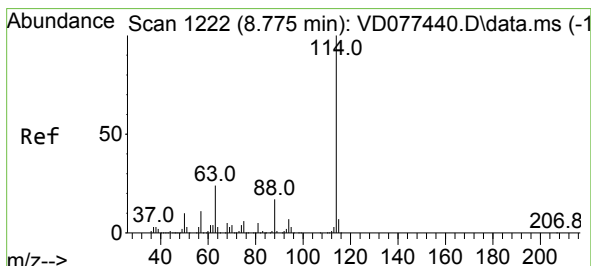
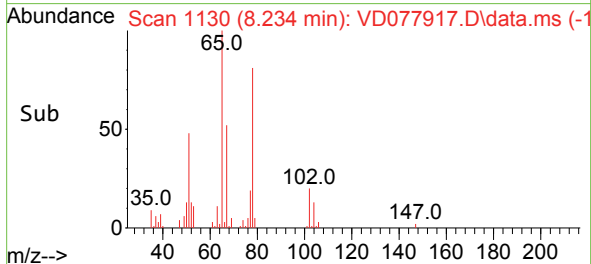
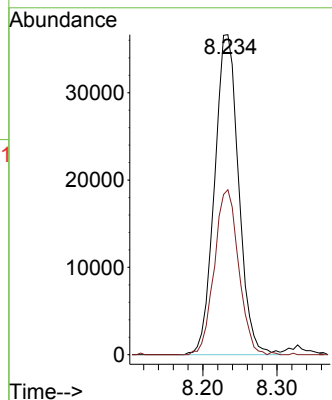
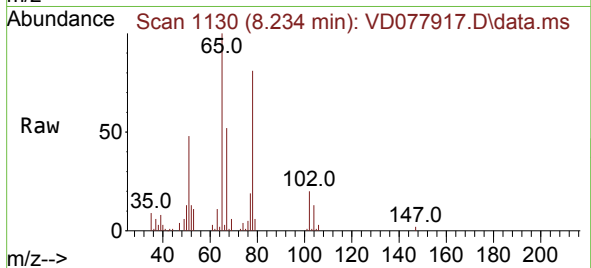
ClientSampleId :

Tgt Ion: 65 Resp: 82842

Ion Ratio Lower Upper

65 100

67 51.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

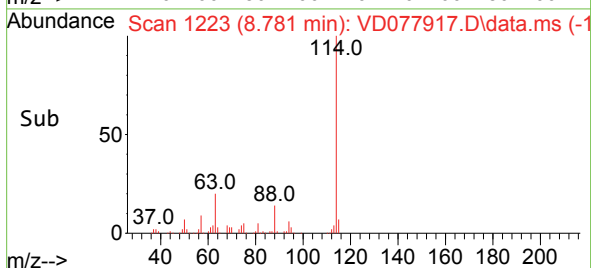
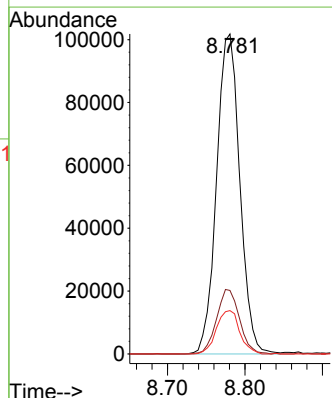
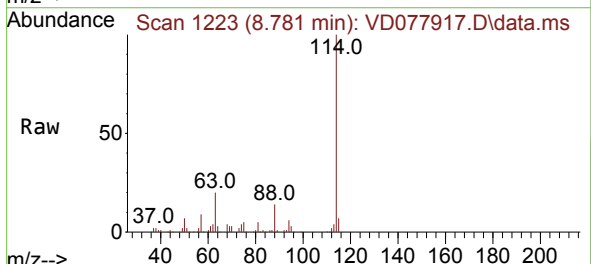
Tgt Ion: 114 Resp: 212749

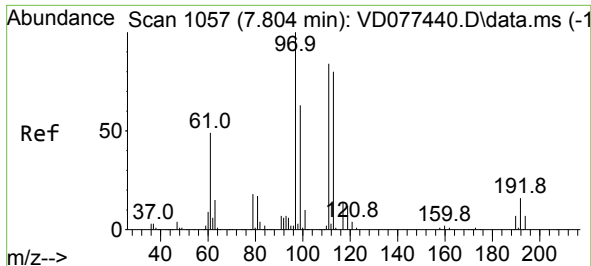
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.996 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

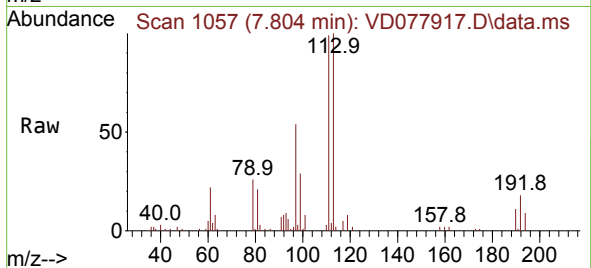
Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

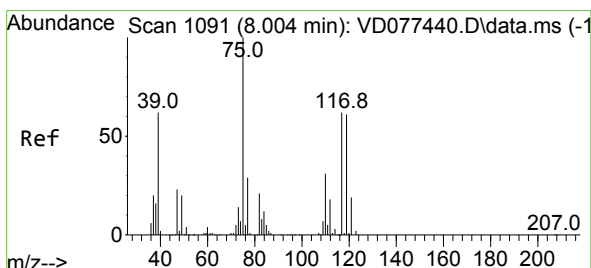
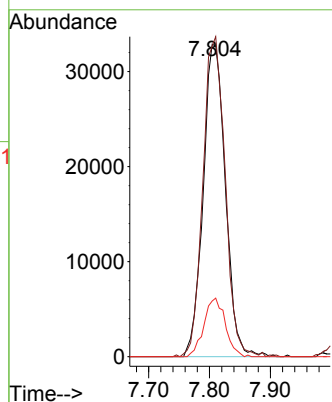
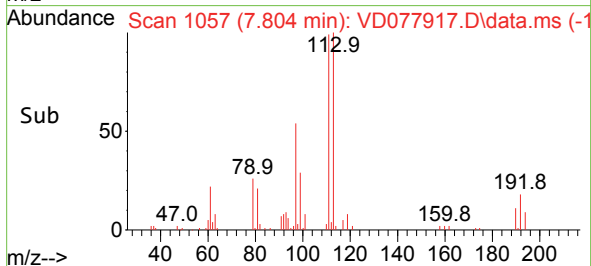
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	83447
Ion	Ratio	Lower	Upper
113	100		
111	102.3	84.7	127.1
192	18.0	16.8	25.2



#36

1,1-Dichloropropene

Concen: 18.888 ug/l

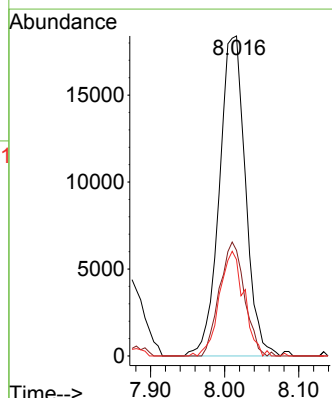
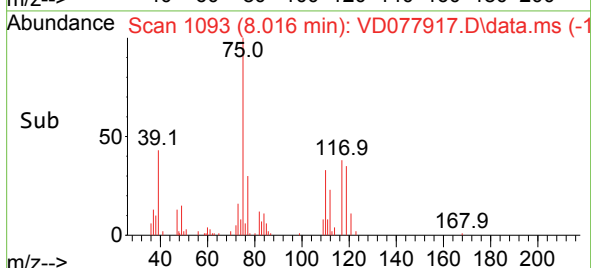
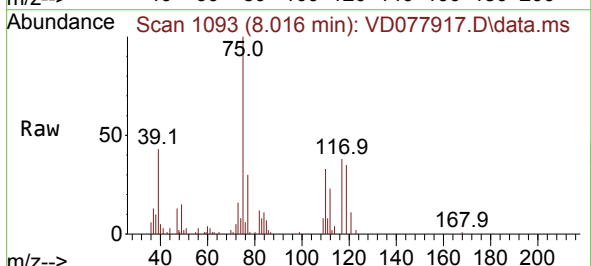
RT: 8.016 min Scan# 1093

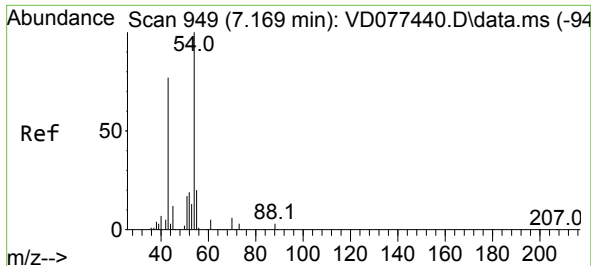
Delta R.T. 0.012 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Tgt Ion:	75	Resp:	45023
Ion	Ratio	Lower	Upper
75	100		
110	34.2	19.9	59.6
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 18.024 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

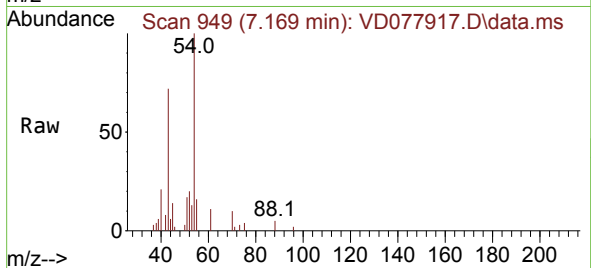
Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

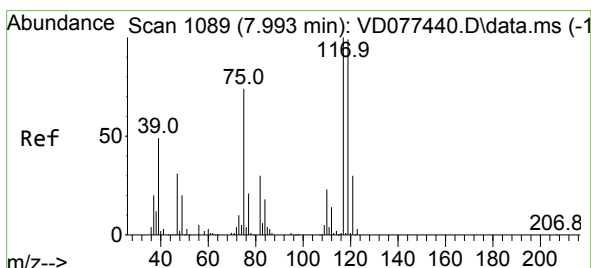
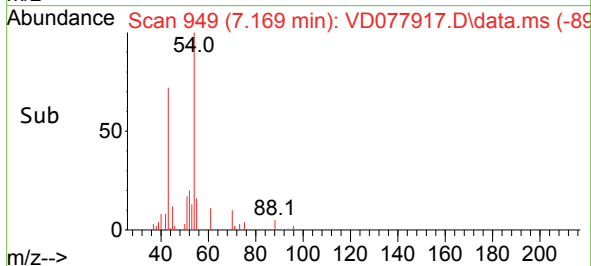
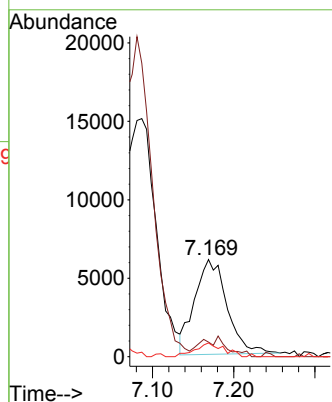
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	16753
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3#
70	12.7	10.0	15.0



#38

Carbon Tetrachloride

Concen: 19.424 ug/l

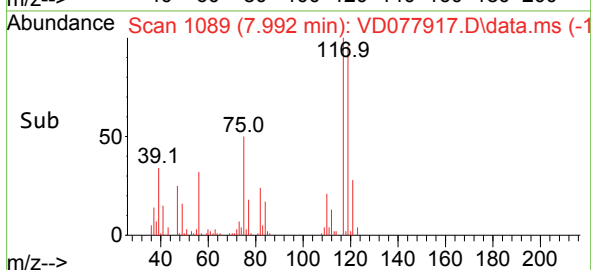
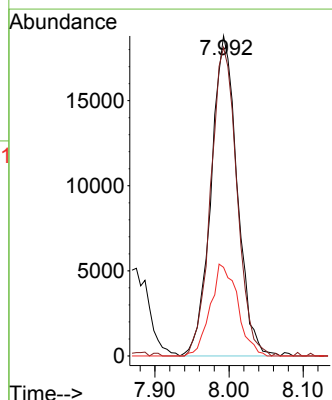
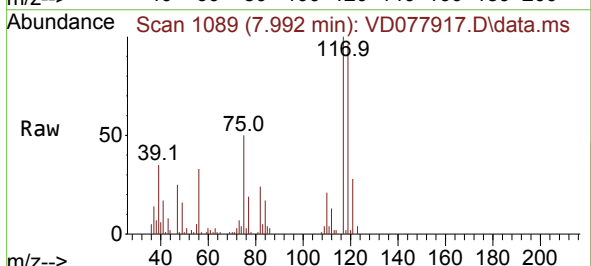
RT: 7.992 min Scan# 1089

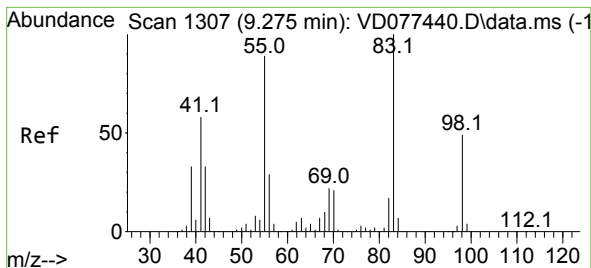
Delta R.T. -0.001 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Tgt Ion:	117	Resp:	46159
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.0	117.0
121	27.7	24.2	36.2





#39

Methylcyclohexane

Concen: 18.210 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

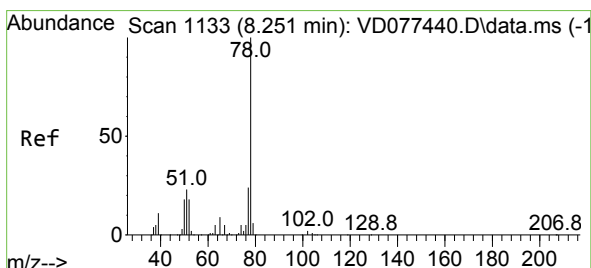
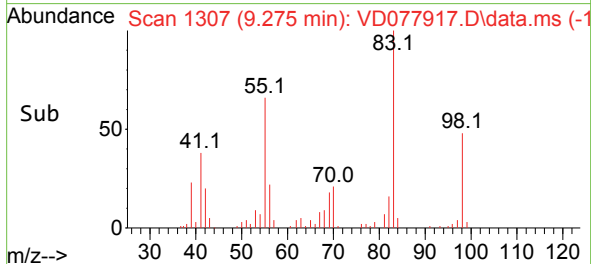
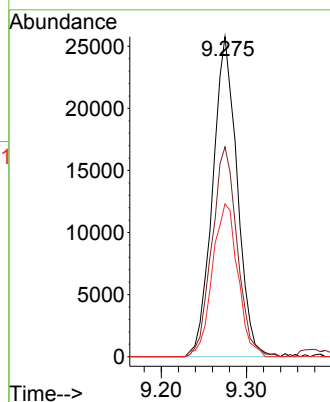
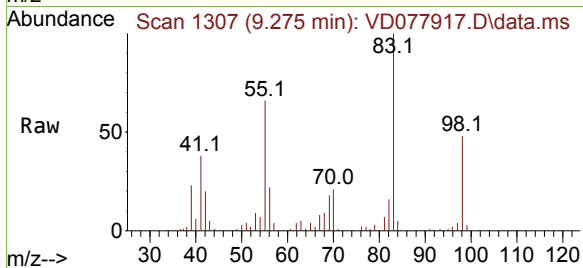
Tgt Ion: 83 Resp: 51458

Ion Ratio Lower Upper

83 100

55 65.5 49.4 74.0

98 47.8 38.4 57.6



#40

Benzene

Concen: 21.001 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077917.D

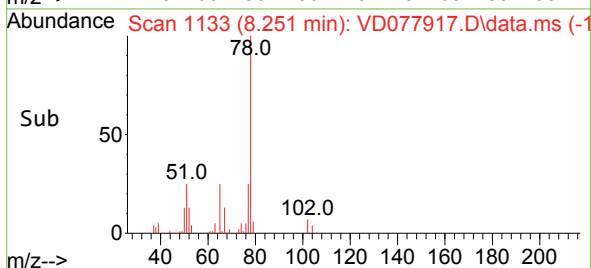
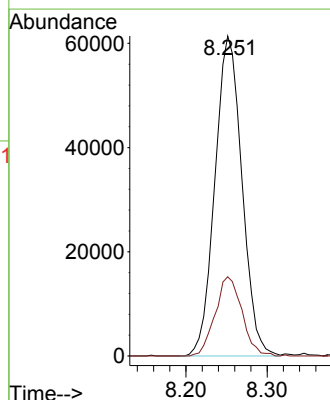
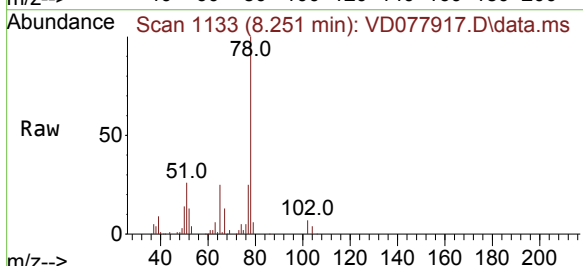
Acq: 15 Dec 2023 23:34

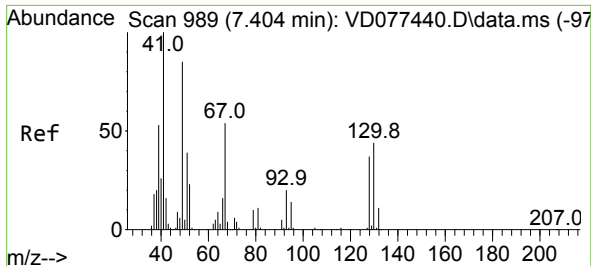
Tgt Ion: 78 Resp: 142084

Ion Ratio Lower Upper

78 100

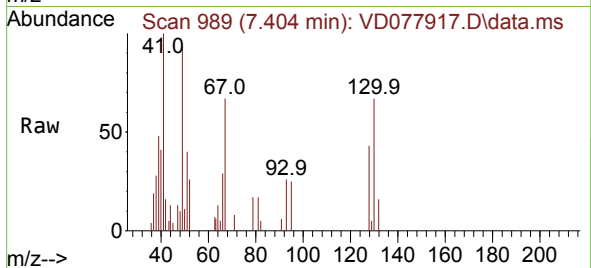
77 24.8 19.4 29.0



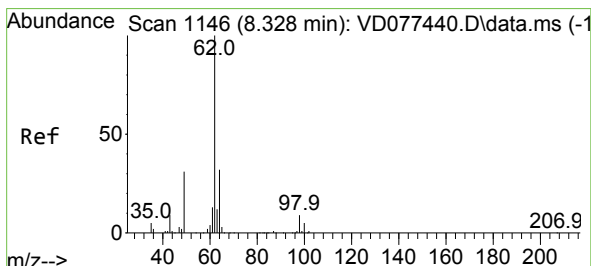
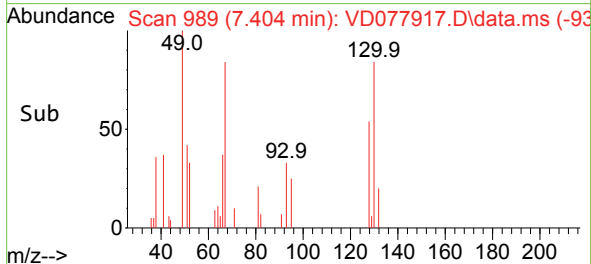
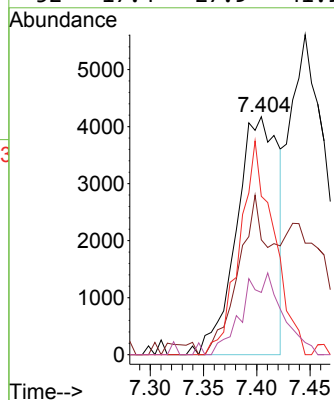


#41
Methacrylonitrile
Concen: 24.081 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

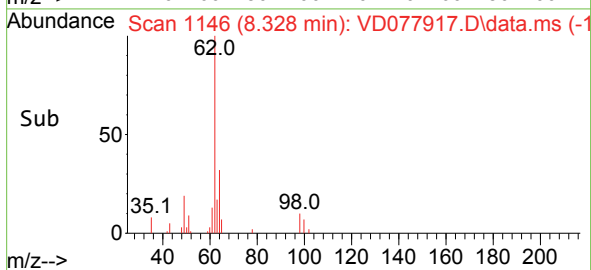
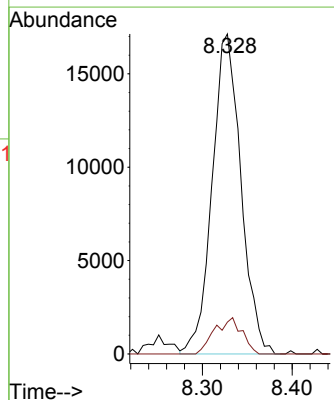
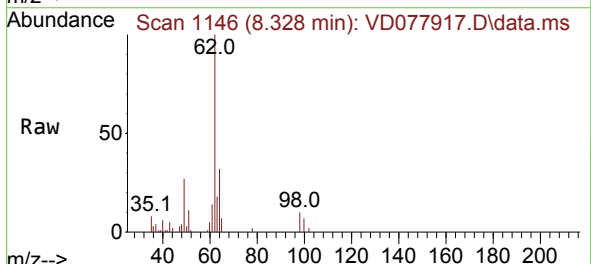


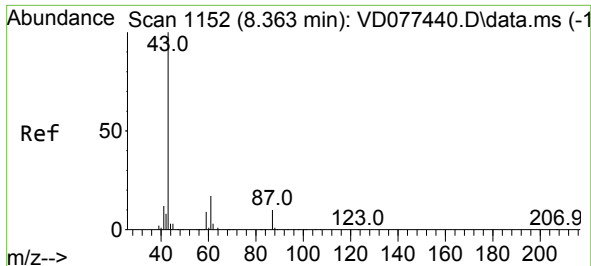
Tgt Ion:	41	Resp:	11376
Ion	Ratio	Lower	Upper
41	100		
39	43.3	34.0	51.0
67	73.4	77.0	115.4#
52	17.4	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 21.739 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

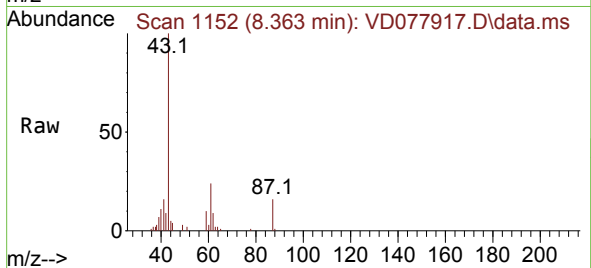
Tgt Ion:	62	Resp:	38124
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	25.4



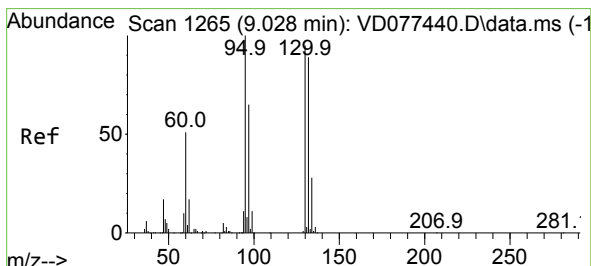
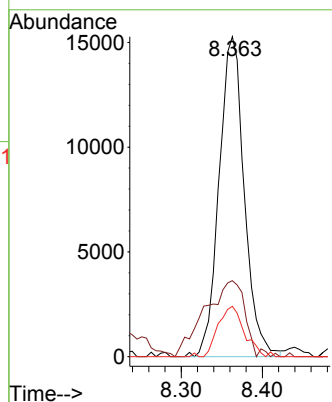
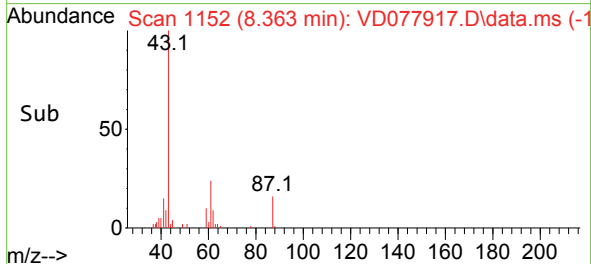


#43
Isopropyl Acetate
Concen: 19.946 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

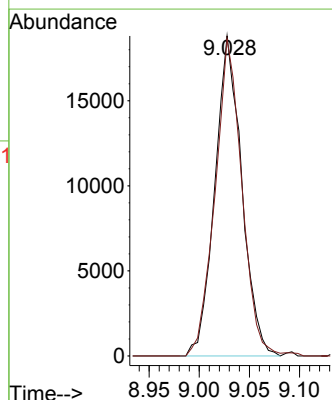
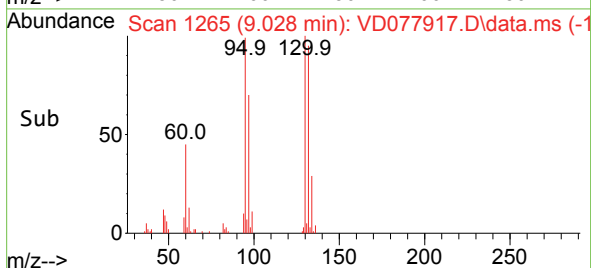
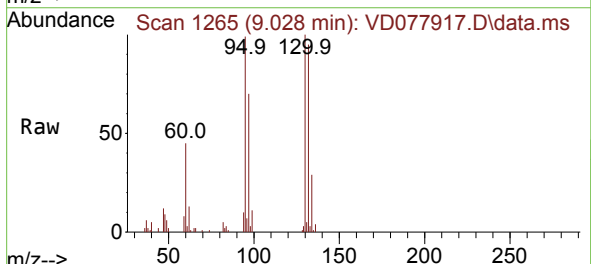


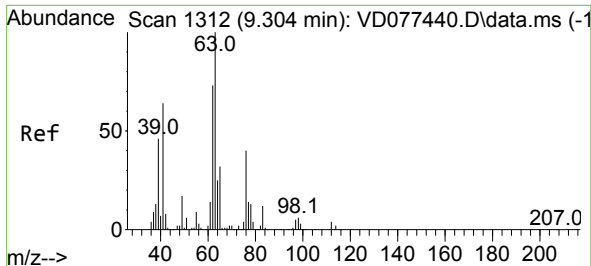
Tgt Ion: 43 Resp: 32956
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 16.1 14.9 22.3



#44
Trichloroethene
Concen: 19.853 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:130 Resp: 35002
Ion Ratio Lower Upper
130 100
95 99.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.427 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

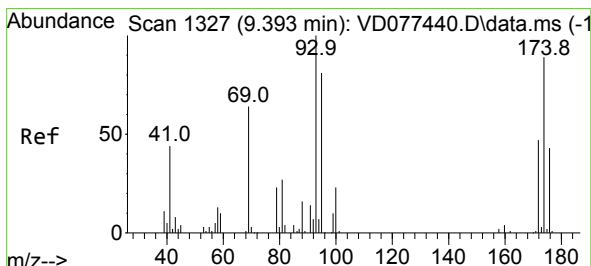
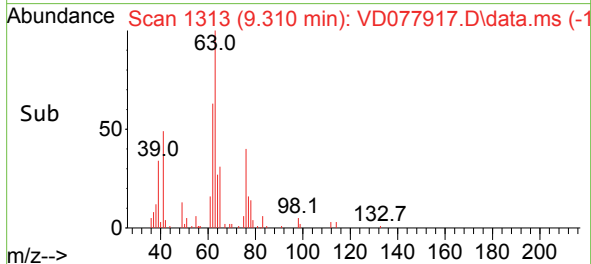
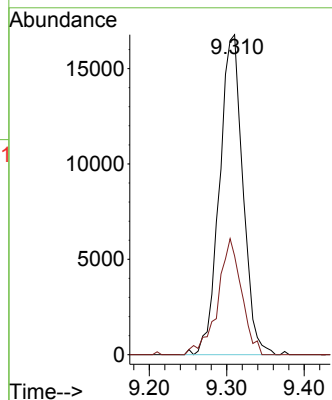
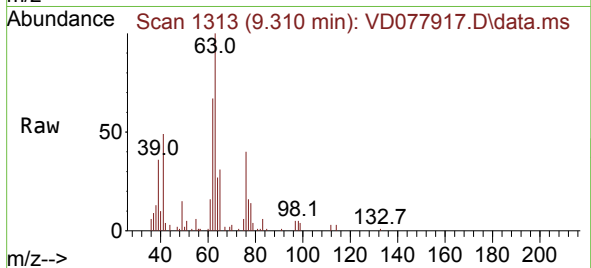
ClientSampleId :

Tgt Ion: 63 Resp: 35240

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 21.715 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

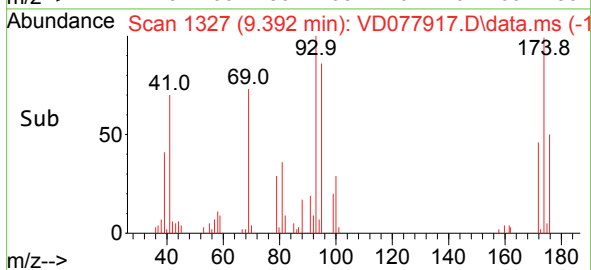
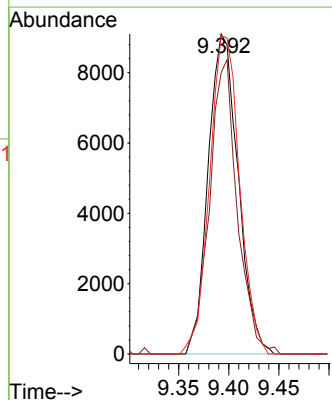
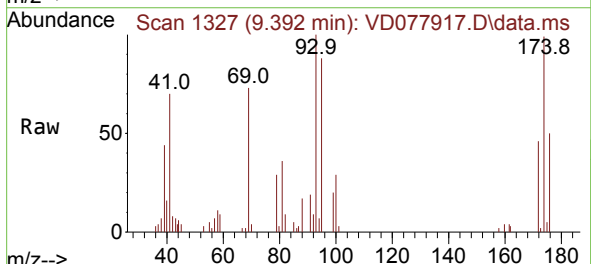
Tgt Ion: 93 Resp: 18897

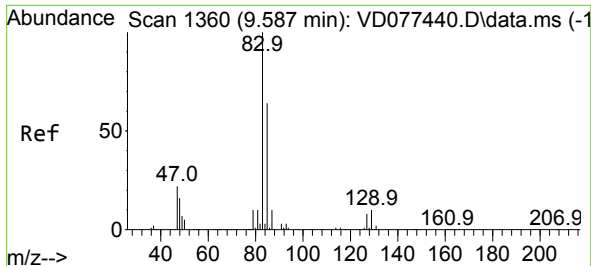
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 99.7 85.4 128.2

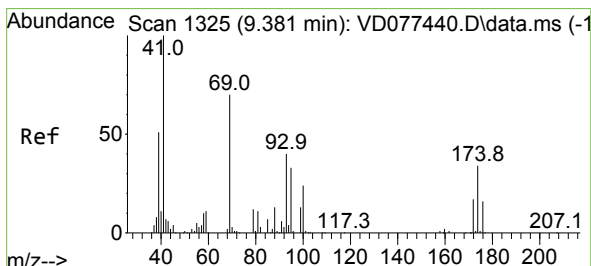
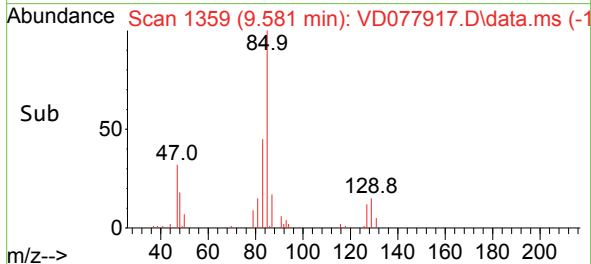
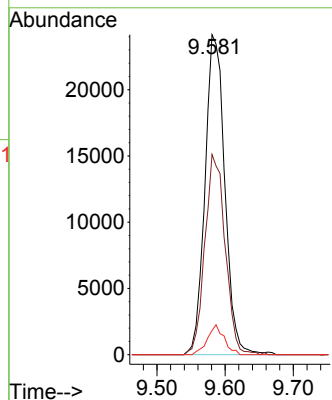
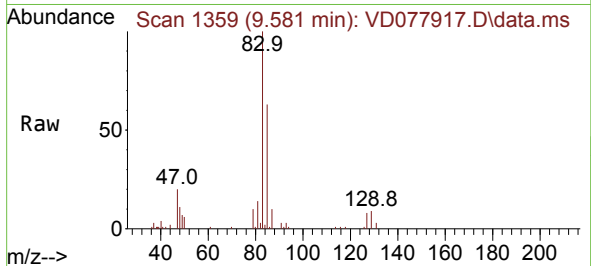




#47
Bromodichloromethane
Concen: 22.151 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

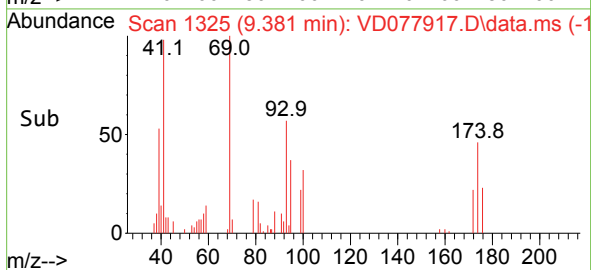
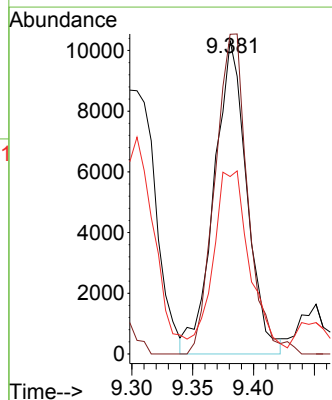
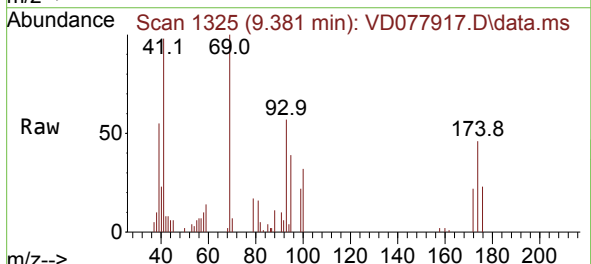
Instrument :
MSVOA_D
ClientSampleId :

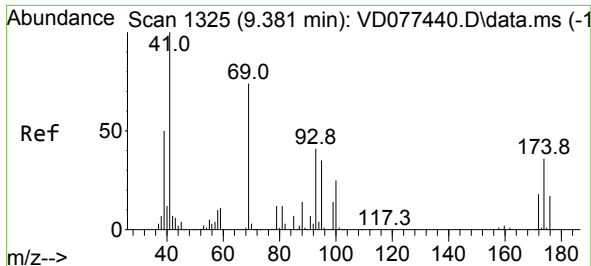
Tgt Ion: 83 Resp: 48859
Ion Ratio Lower Upper
83 100
85 62.5 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 20.600 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 41 Resp: 19348
Ion Ratio Lower Upper
41 100
69 102.4 102.2 153.2
39 63.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 356.210 ug/l

RT: 9.392 min Scan# 1

Delta R.T. 0.011 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

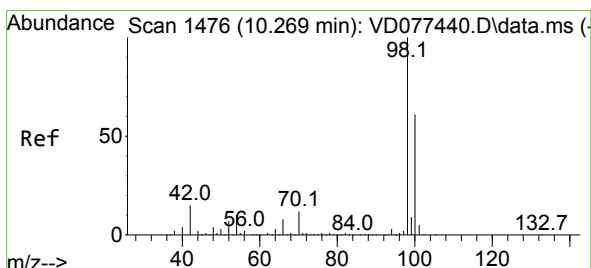
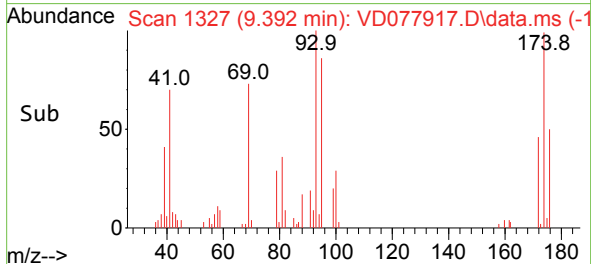
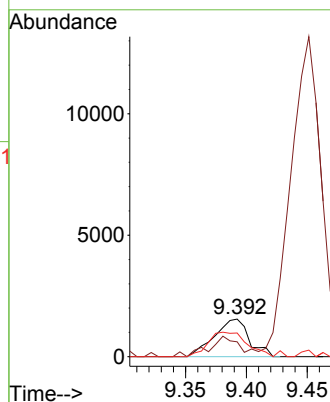
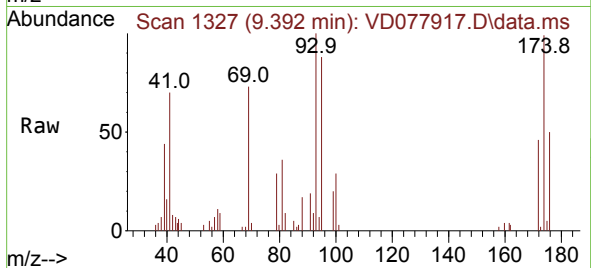
Tgt Ion: 88 Resp: 3078

Ion Ratio Lower Upper

88 100

43 50.0 19.0 28.6#

58 72.7 43.5 65.3#



#50

Toluene-d8

Concen: 55.317 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077917.D

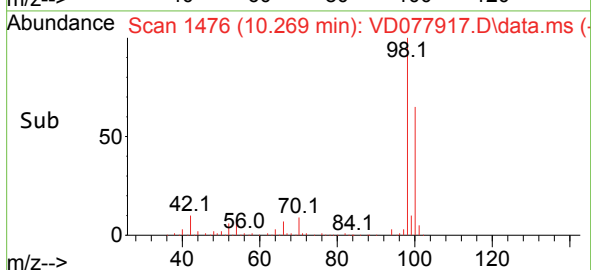
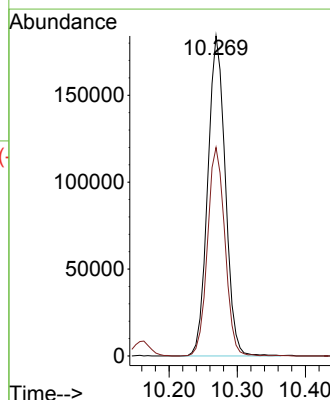
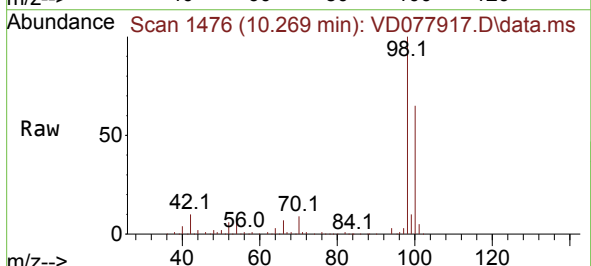
Acq: 15 Dec 2023 23:34

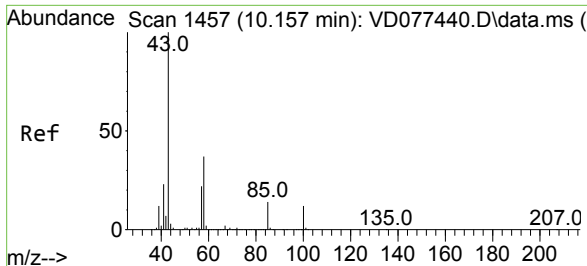
Tgt Ion: 98 Resp: 330165

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

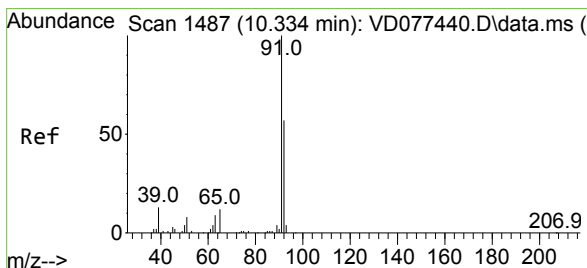
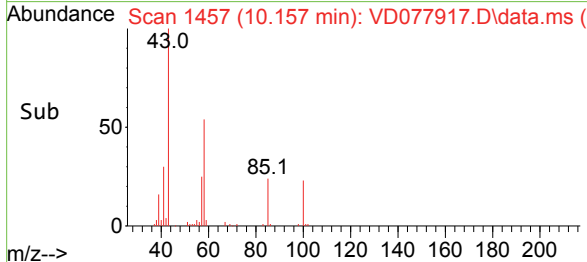
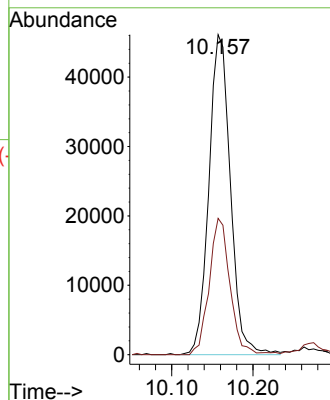
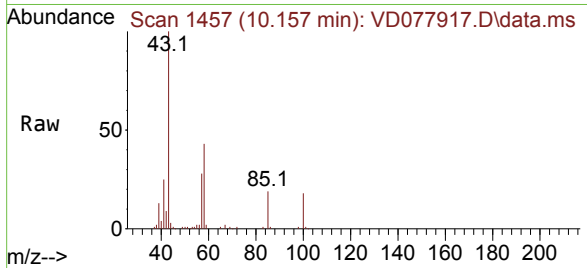




#51
4-Methyl-2-Pentanone
Concen: 100.838 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

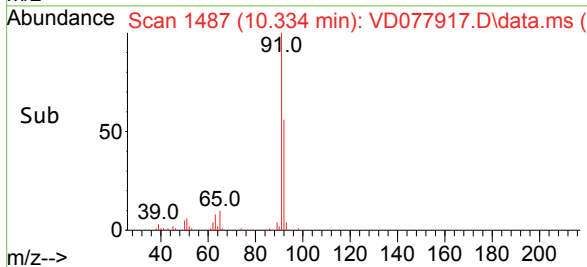
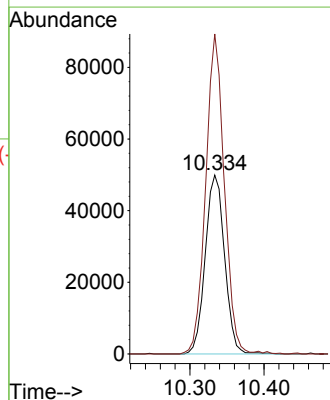
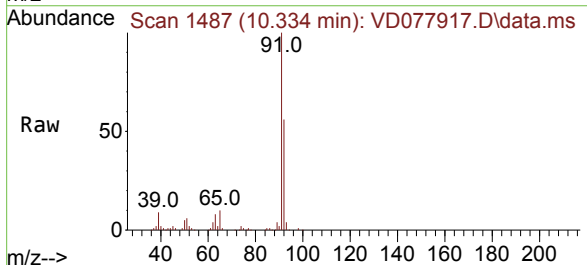
Instrument :
MSVOA_D
ClientSampleId :

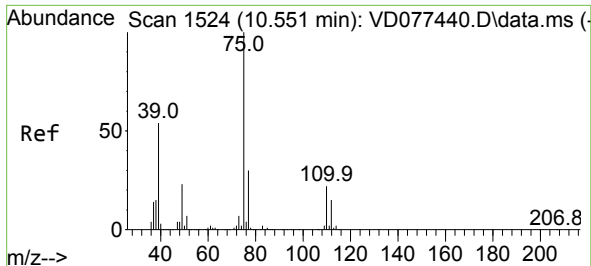
Tgt Ion: 43 Resp: 85030
Ion Ratio Lower Upper
43 100
58 40.8 38.9 58.3



#52
Toluene
Concen: 21.570 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 92 Resp: 90522
Ion Ratio Lower Upper
92 100
91 171.8 143.0 214.4

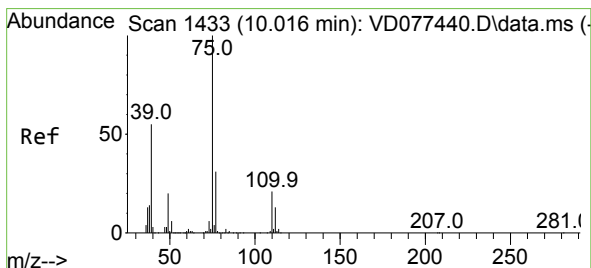
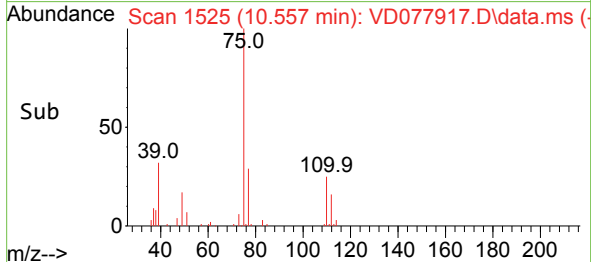
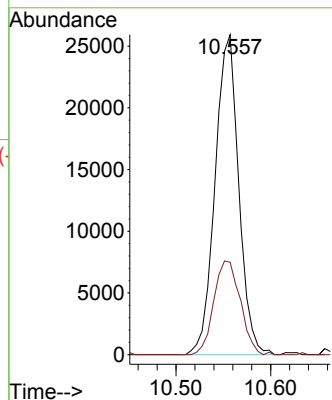
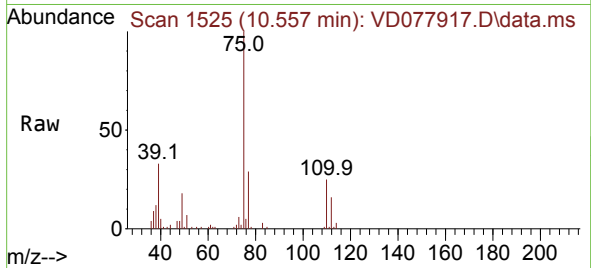




#53
 t-1,3-Dichloropropene
 Concen: 21.211 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

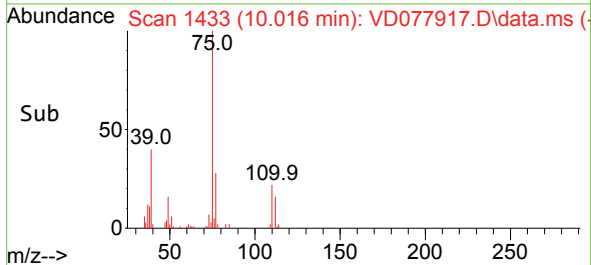
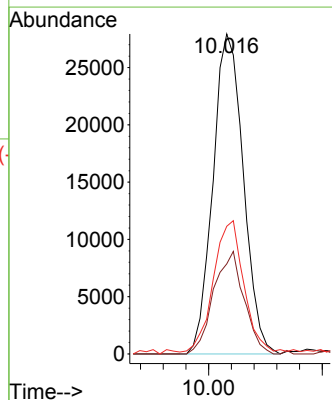
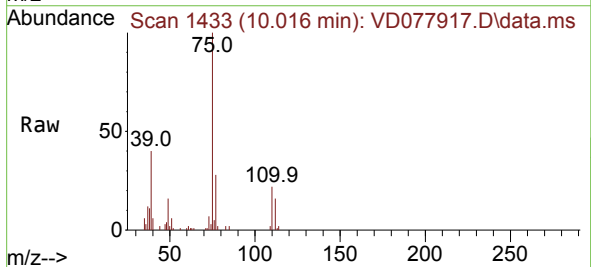
Instrument :
 MSVOA_D
 ClientSampleId :

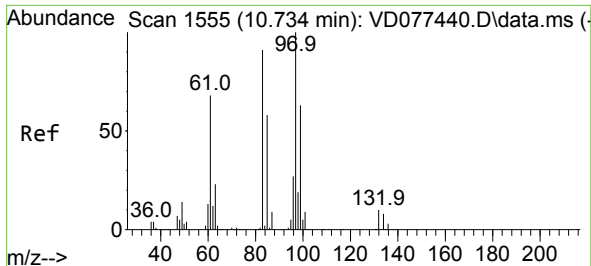
Tgt Ion: 75 Resp: 44927
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.301 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

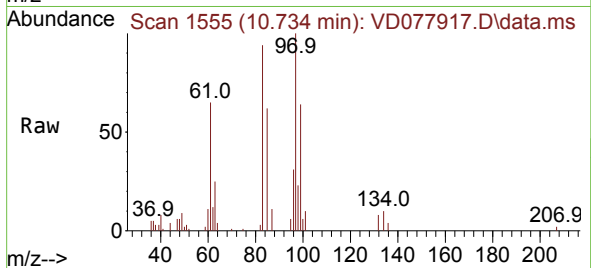
Tgt Ion: 75 Resp: 51988
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.5 38.3
 39 39.3 22.1 33.1#



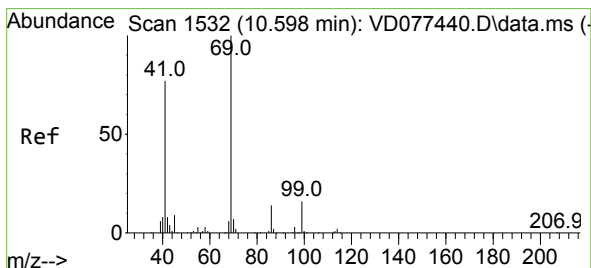
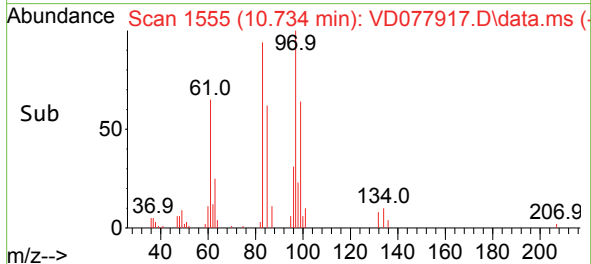
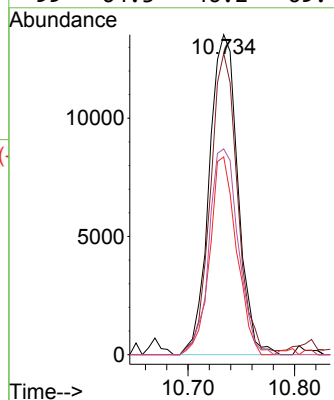


#55
1,1,2-Trichloroethane
Concen: 21.255 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

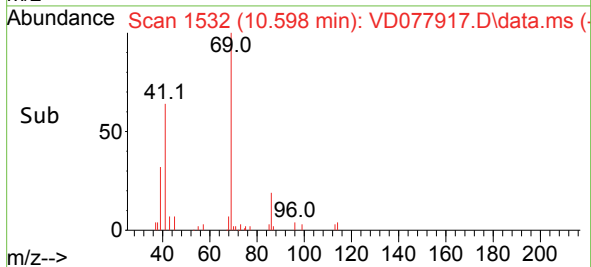
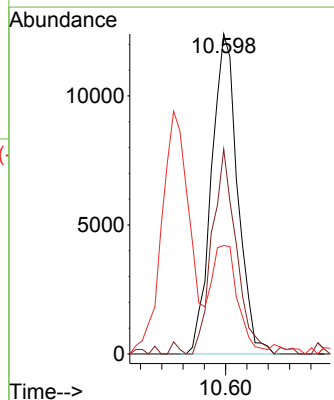
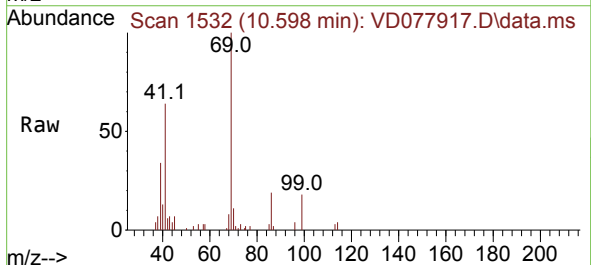


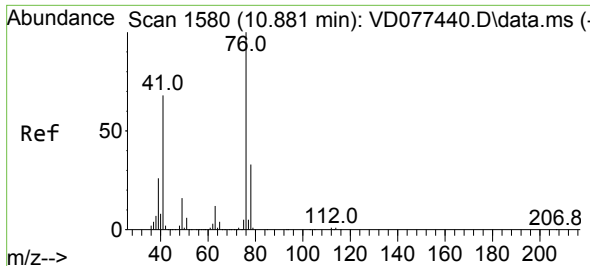
Tgt Ion:	97	Resp:	25300
Ion	Ratio	Lower	Upper
97	100		
83	94.1	65.8	98.6
85	61.8	45.7	68.5
99	64.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.167 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

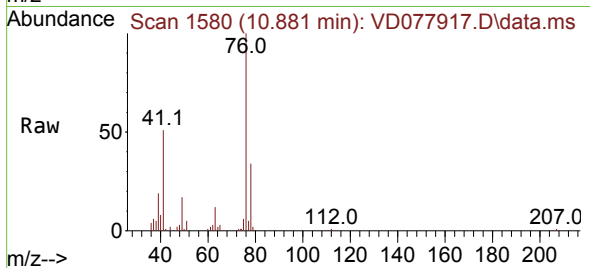
Tgt Ion:	69	Resp:	21161
Ion	Ratio	Lower	Upper
69	100		
41	59.4	39.1	58.7#
39	33.7	20.0	30.0#



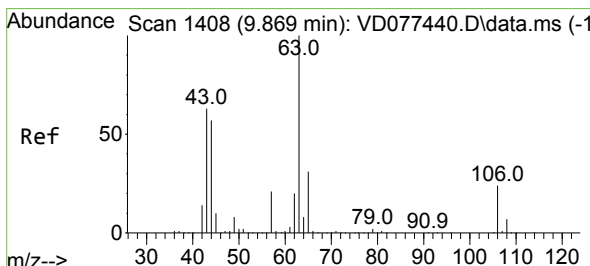
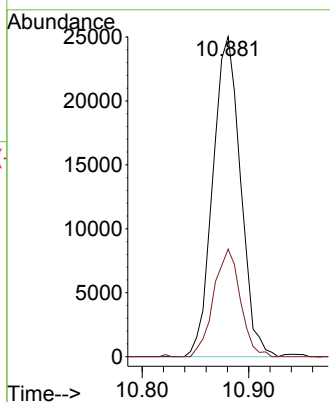
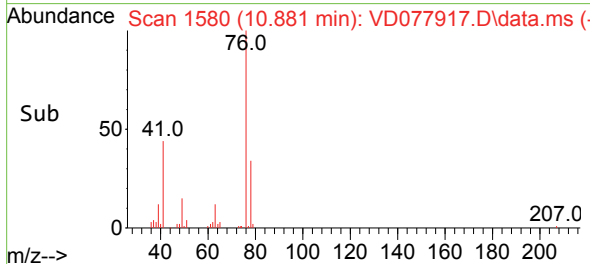


#57
1,3-Dichloropropane
Concen: 22.016 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

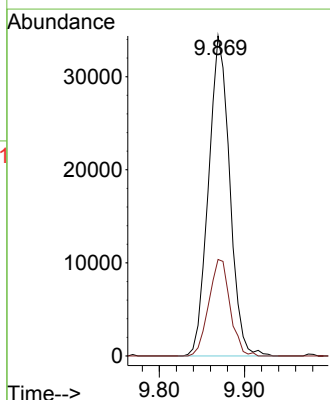
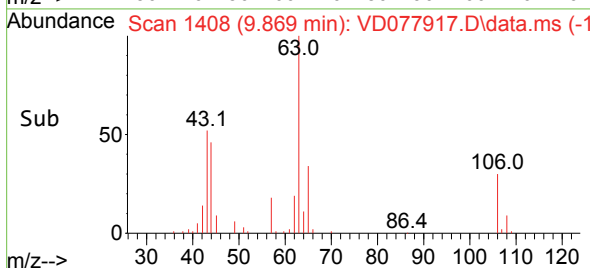
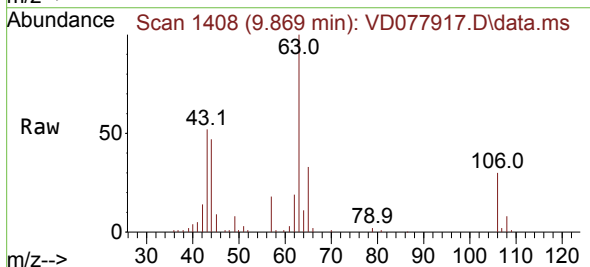


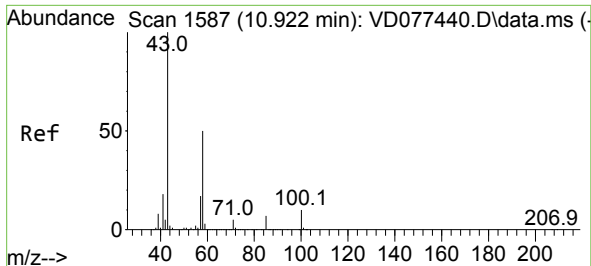
Tgt Ion: 76 Resp: 45173
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 99.223 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

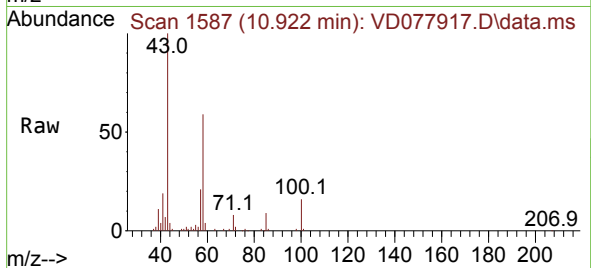
Tgt Ion: 63 Resp: 59374
Ion Ratio Lower Upper
63 100
106 30.2 25.3 37.9



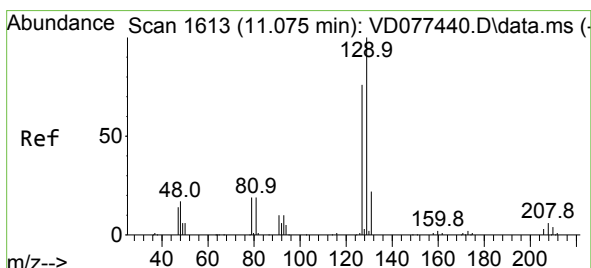
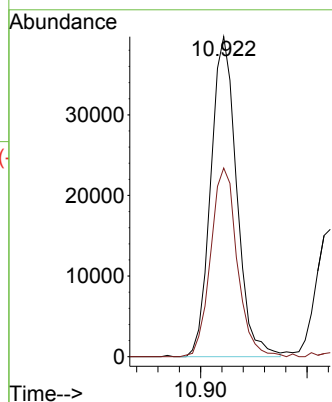
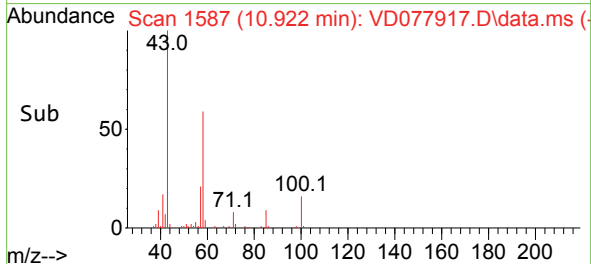


#59
2-Hexanone
Concen: 95.821 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

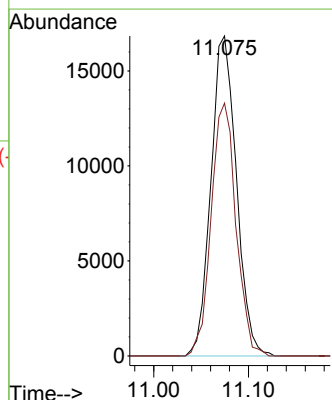
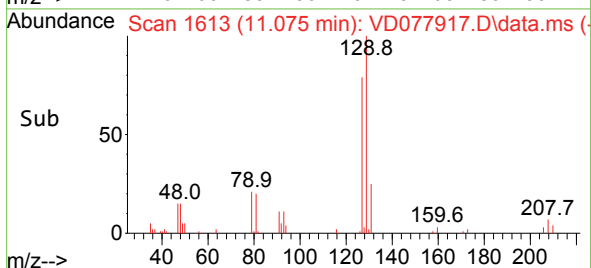
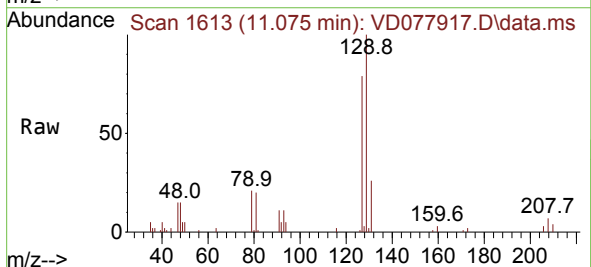


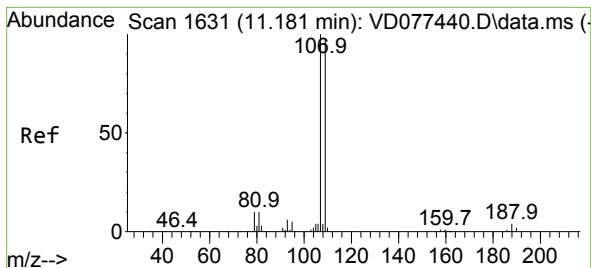
Tgt Ion: 43 Resp: 67035
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2



#60
Dibromochloromethane
Concen: 21.984 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 129 Resp: 31506
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

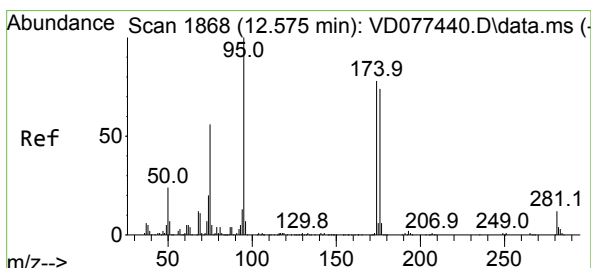
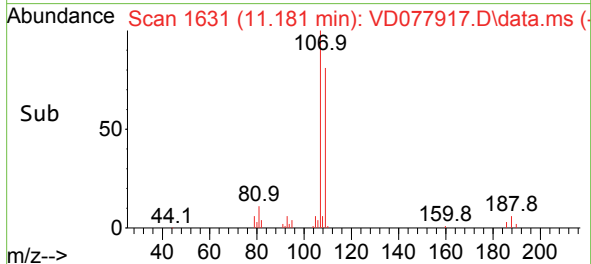
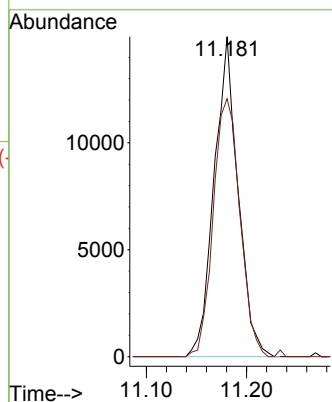
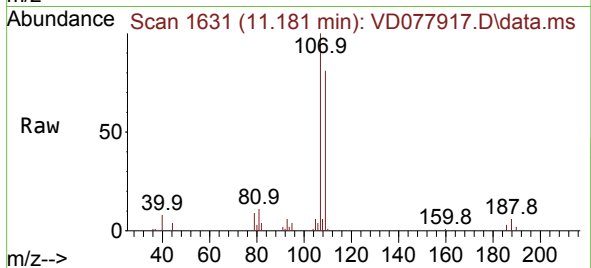




#61
1,2-Dibromoethane
Concen: 22.044 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

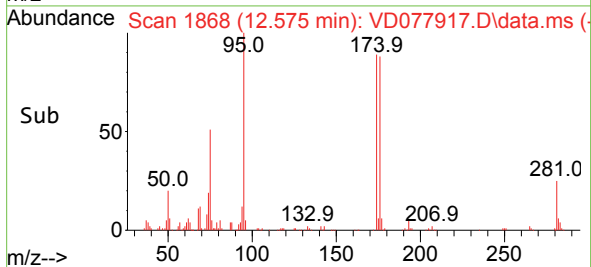
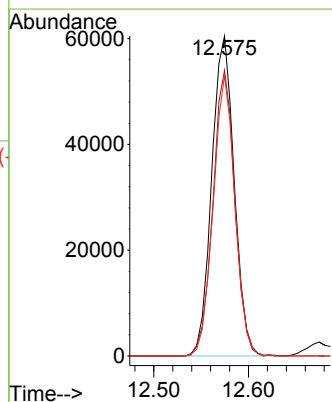
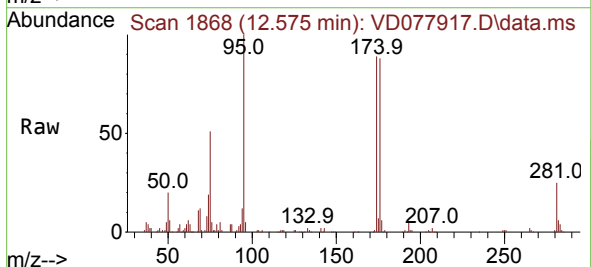
Instrument :
MSVOA_D
ClientSampleId :

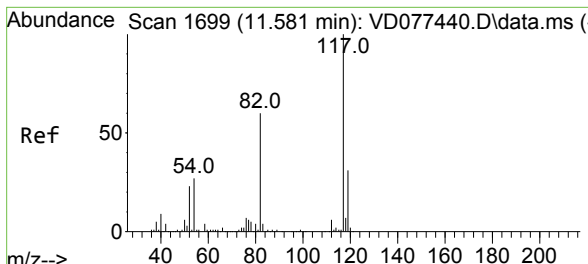
Tgt Ion:107 Resp: 24700
Ion Ratio Lower Upper
107 100
109 90.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.810 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 95 Resp: 99590
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 84.6 0.0 191.8

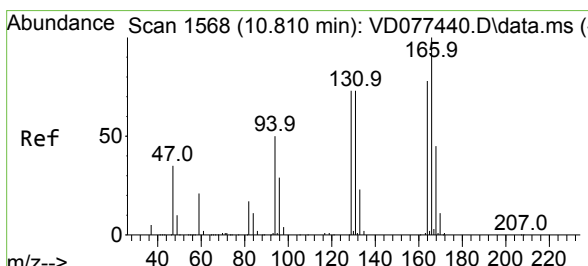
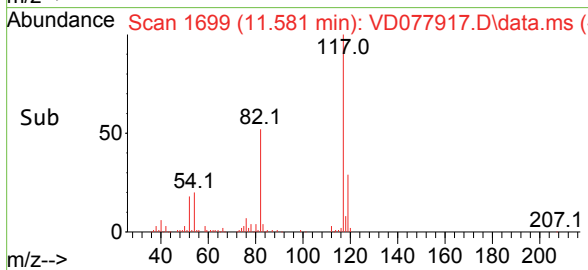
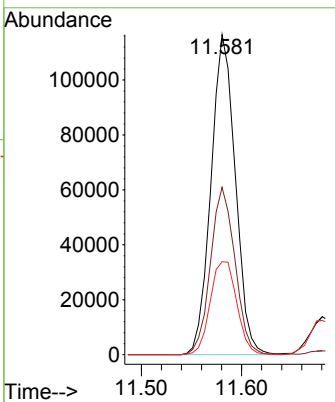
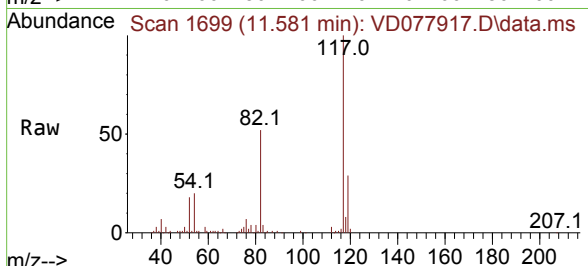




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

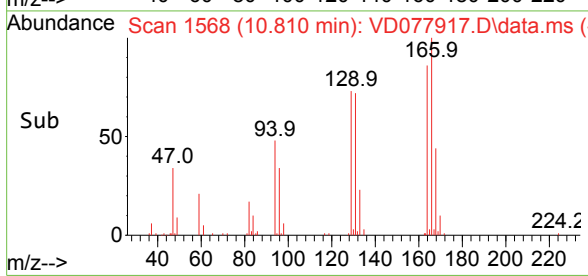
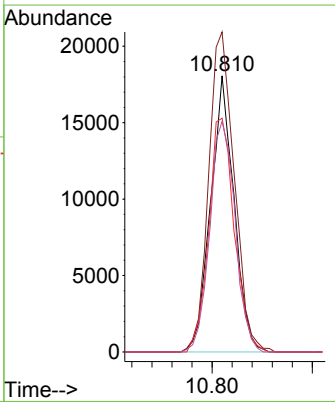
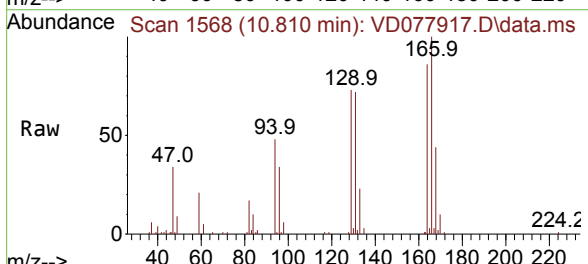
Instrument :
 MSVOA_D
 ClientSampleId :

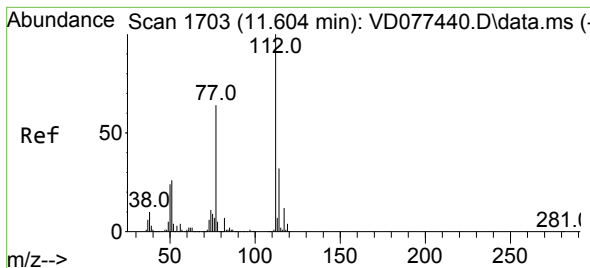
Tgt Ion:	117	Resp:	196642
Ion	Ratio	Lower	Upper
117	100		
82	52.3	38.3	57.5
119	29.0	25.0	37.4



#64
 Tetrachloroethene
 Concen: 20.271 ug/l
 RT: 10.810 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion:	164	Resp:	29297
Ion	Ratio	Lower	Upper
164	100		
166	115.9	99.2	148.8
129	84.7	68.4	102.6
131	83.5	63.8	95.8





#65

Chlorobenzene

Concen: 19.458 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

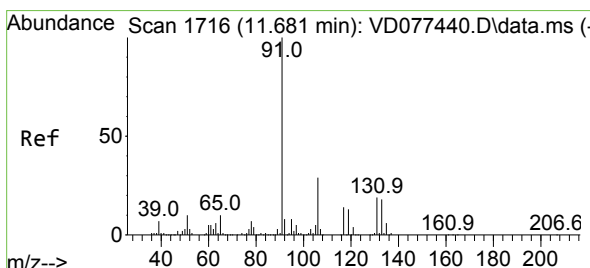
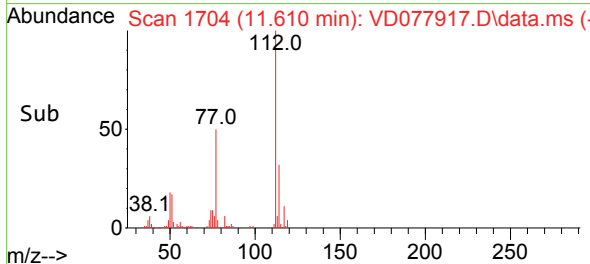
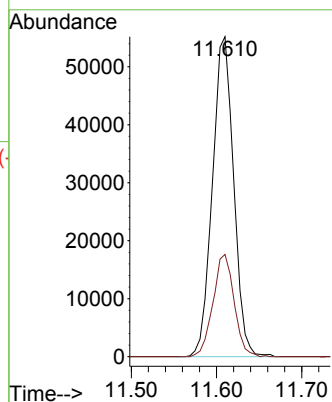
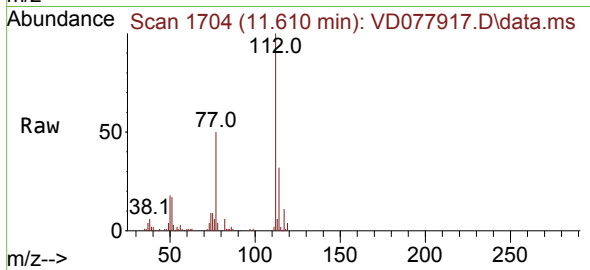
ClientSampleId :

Tgt Ion:112 Resp: 95454

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.873 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

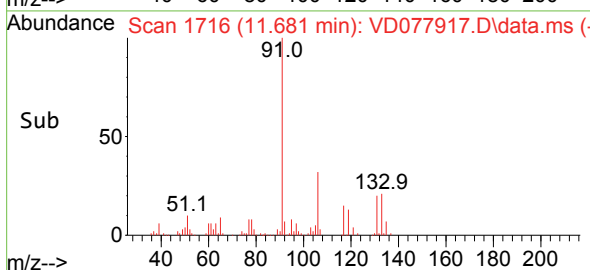
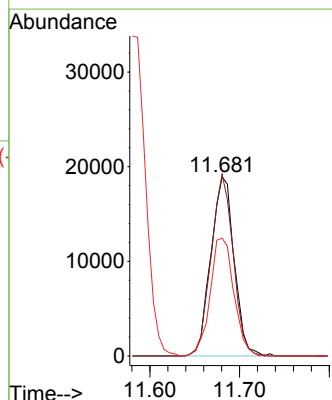
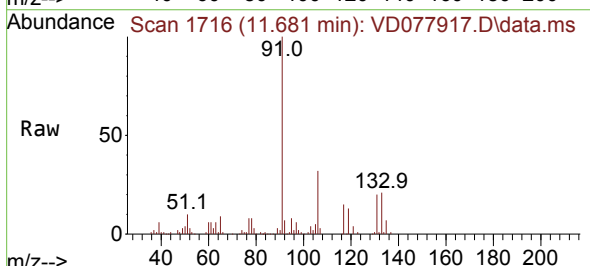
Tgt Ion:131 Resp: 34132

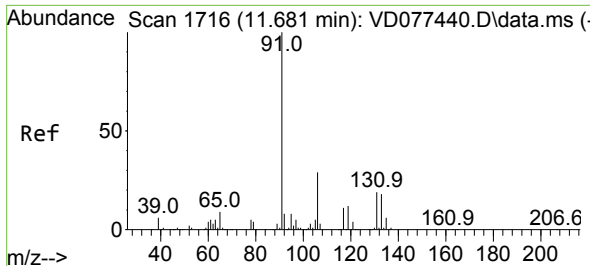
Ion Ratio Lower Upper

131 100

133 96.0 48.5 145.5

119 67.0 35.6 106.9

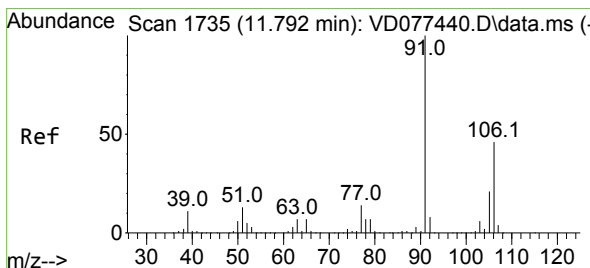
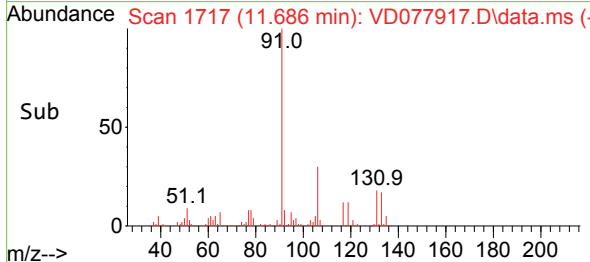
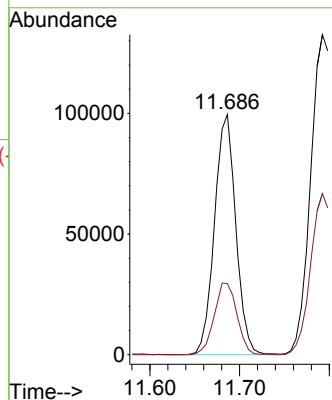
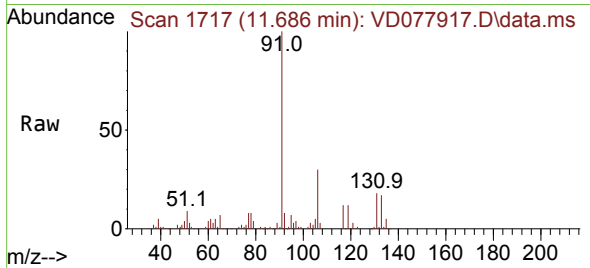




#67
Ethyl Benzene
Concen: 20.061 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. 0.005 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

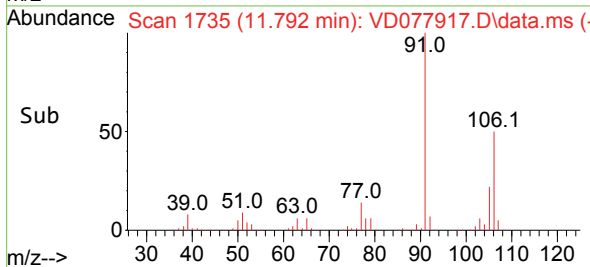
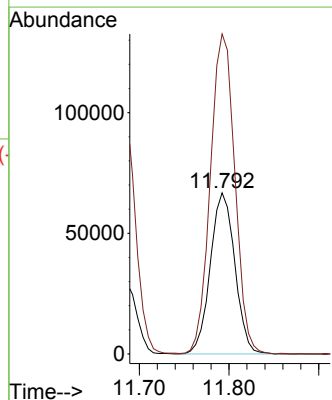
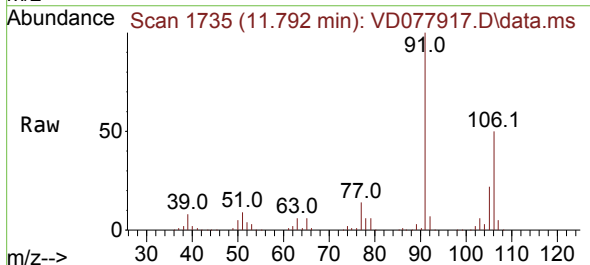
Instrument :
MSVOA_D
ClientSampleId :

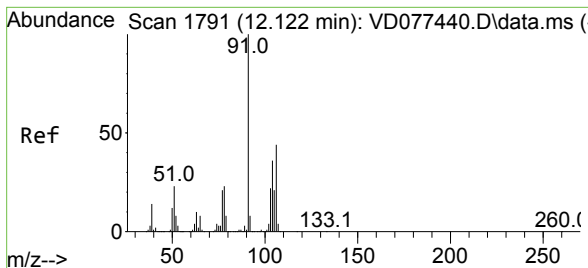
Tgt Ion: 91 Resp: 164233
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7



#68
m/p-Xylenes
Concen: 40.499 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:106 Resp: 126824
Ion Ratio Lower Upper
106 100
91 198.5 147.0 220.6

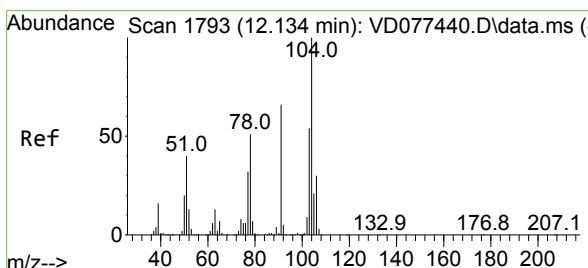
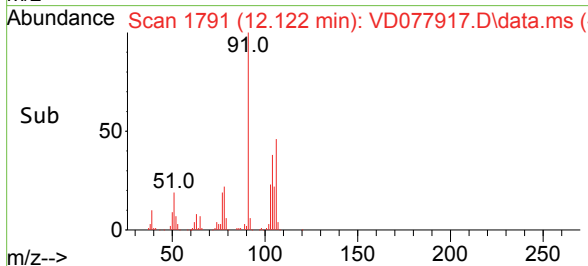
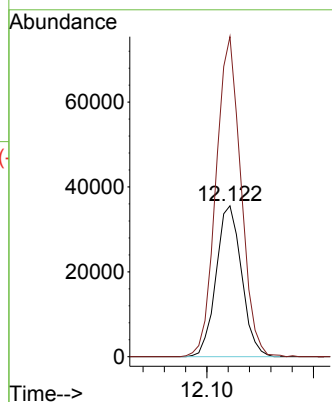
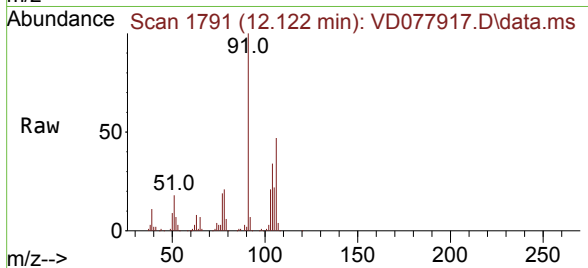




#69
o-Xylene
Concen: 20.434 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

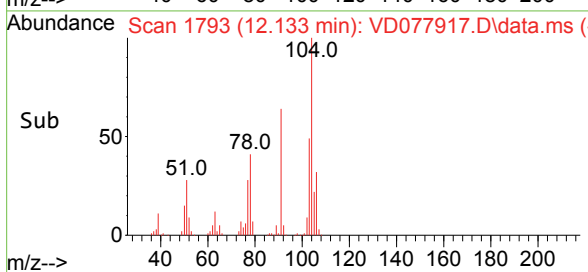
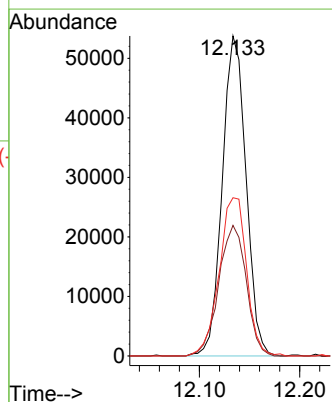
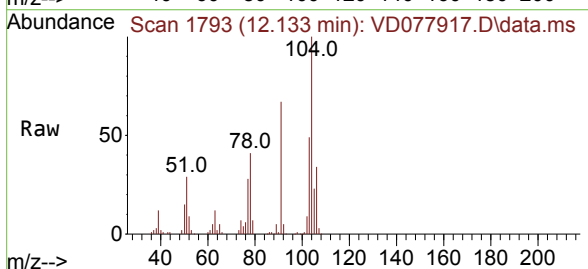
Instrument :
MSVOA_D
ClientSampleId :

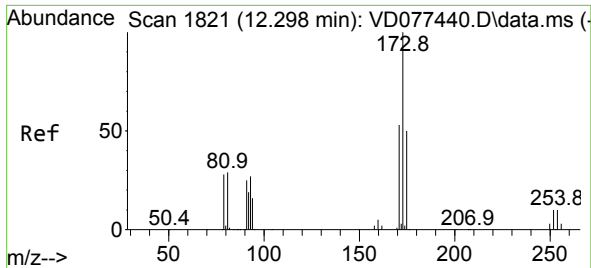
Tgt Ion:106 Resp: 58972
Ion Ratio Lower Upper
106 100
91 208.1 97.9 293.6



#70
Styrene
Concen: 20.628 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:104 Resp: 88523
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 57.2 43.6 65.4

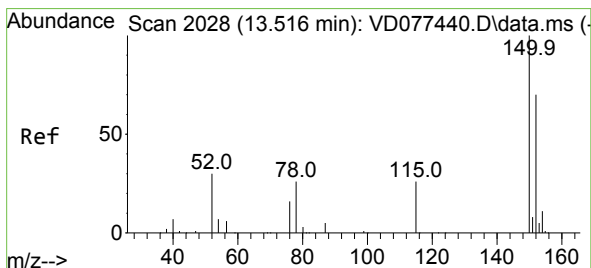
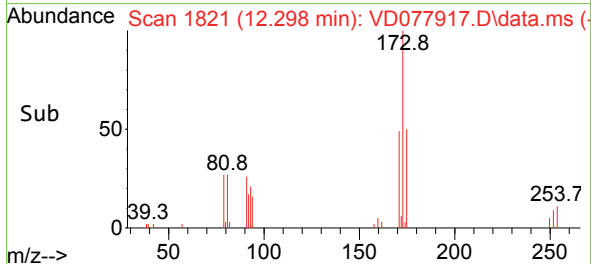
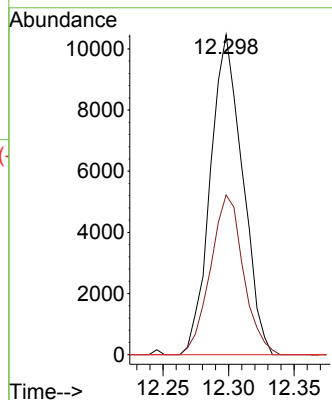
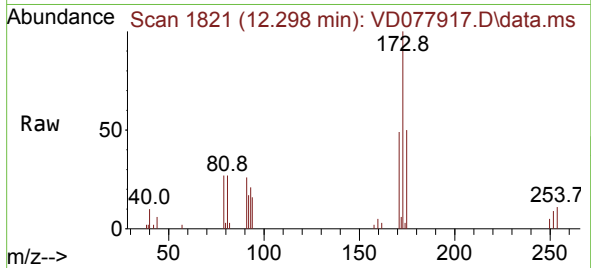




#71
Bromoform
Concen: 20.896 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

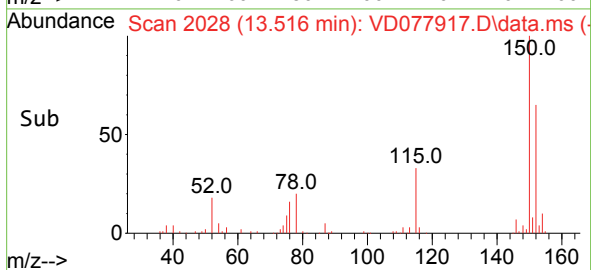
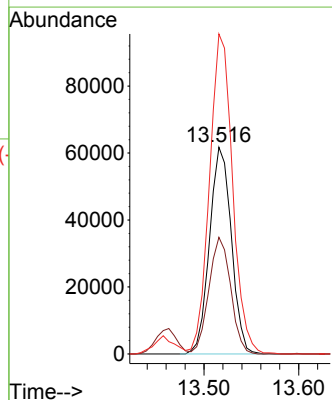
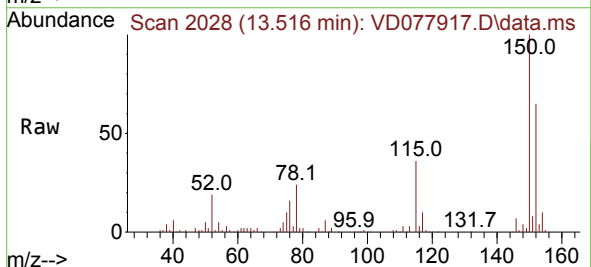
Instrument :
MSVOA_D
ClientSampleId :

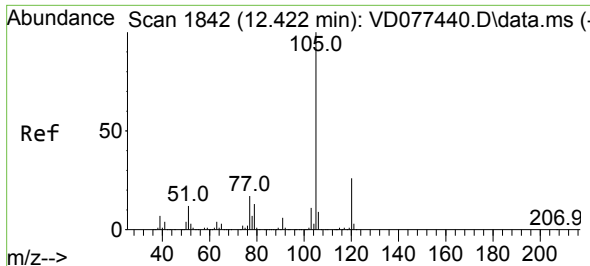
Tgt Ion:173 Resp: 17854
Ion Ratio Lower Upper
173 100
175 51.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:152 Resp: 98762
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 163.5 0.0 353.6

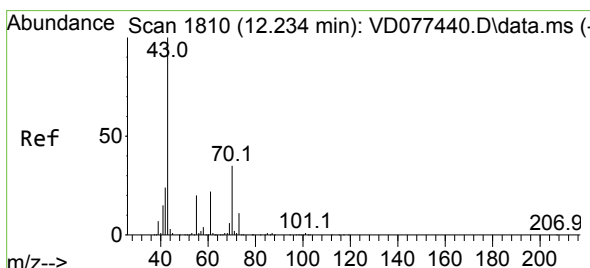
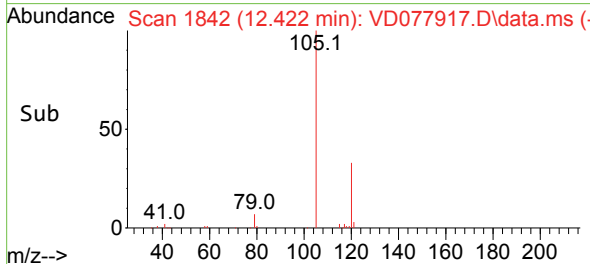
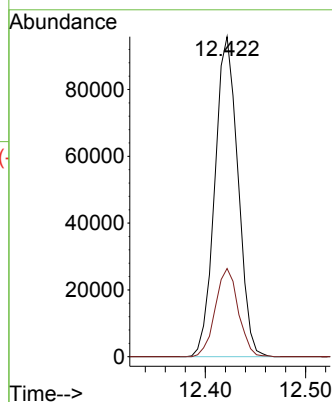
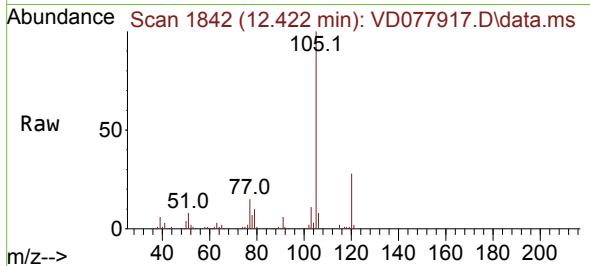




#73
Isopropylbenzene
Concen: 20.501 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

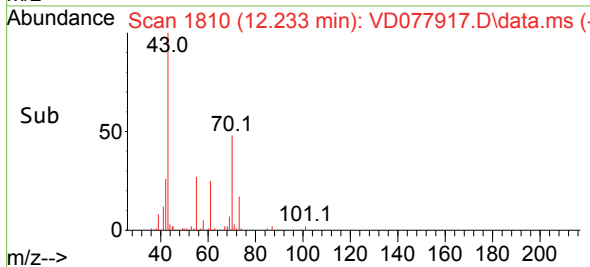
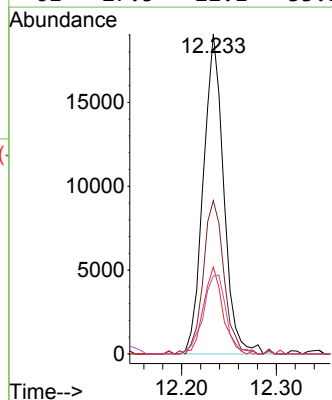
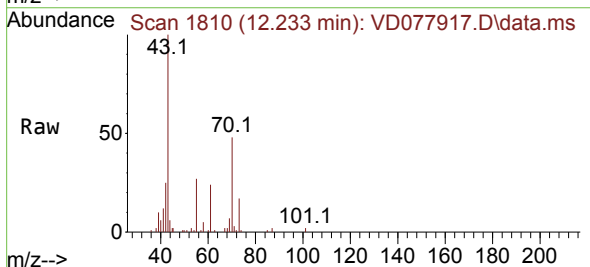
Instrument :
MSVOA_D
ClientSampleId :

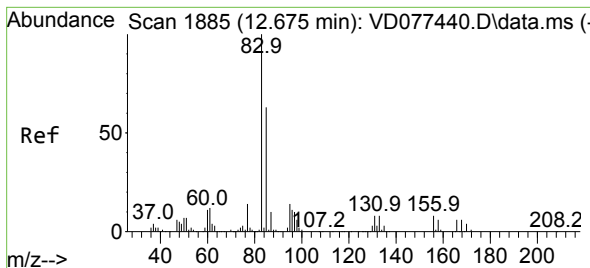
Tgt Ion:105 Resp: 153453
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 19.411 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 43 Resp: 28561
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 26.1 23.8 35.6
61 27.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.453 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

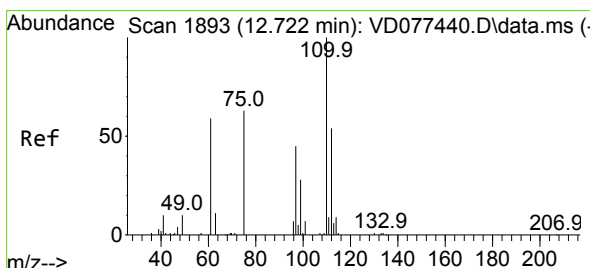
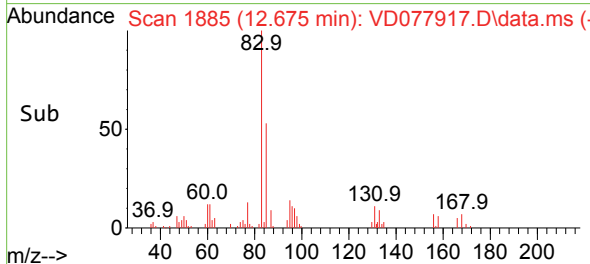
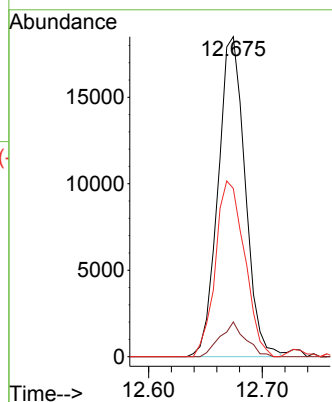
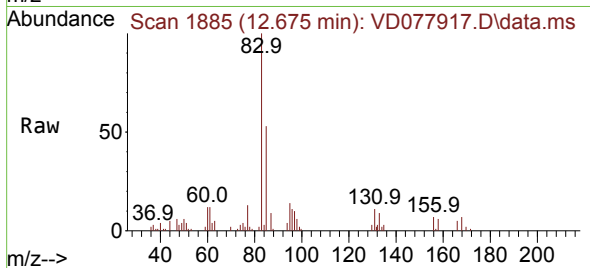
Tgt Ion: 83 Resp: 30610

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 59.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 41.937 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD077917.D

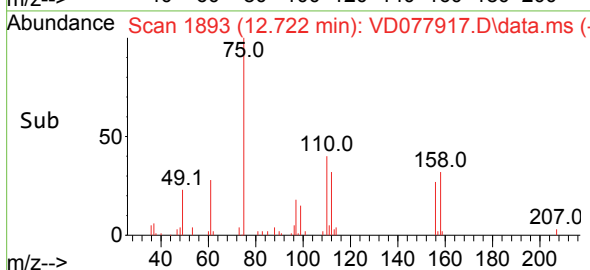
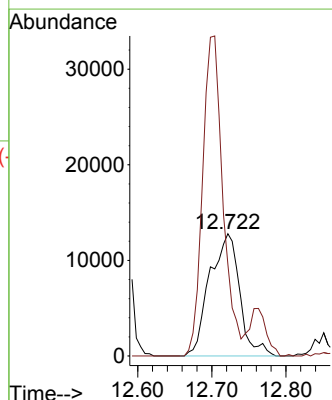
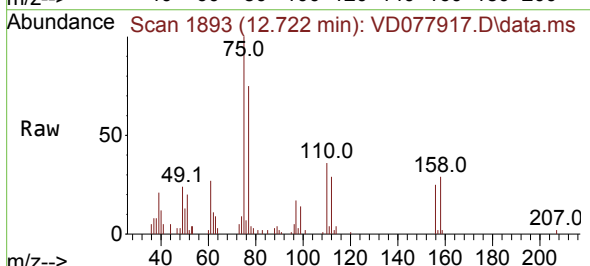
Acq: 15 Dec 2023 23:34

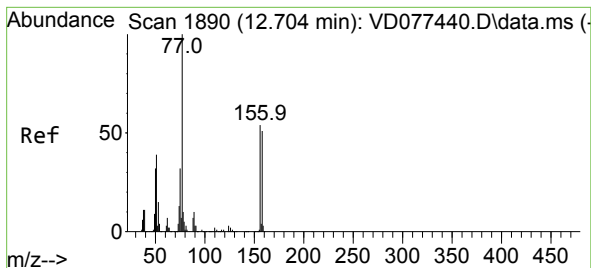
Tgt Ion: 75 Resp: 35972

Ion Ratio Lower Upper

75 100

77 177.3 0.0 0.0#





#77

Bromobenzene

Concen: 21.315 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

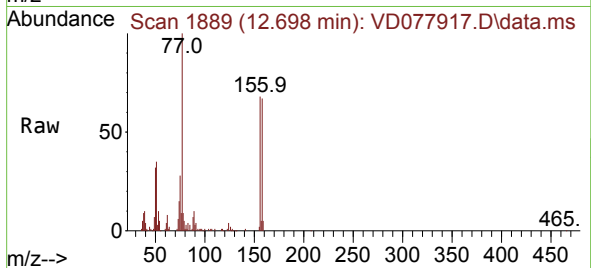
Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :



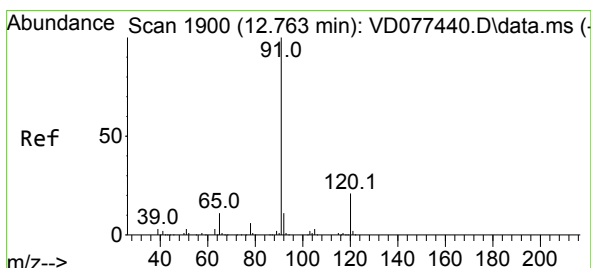
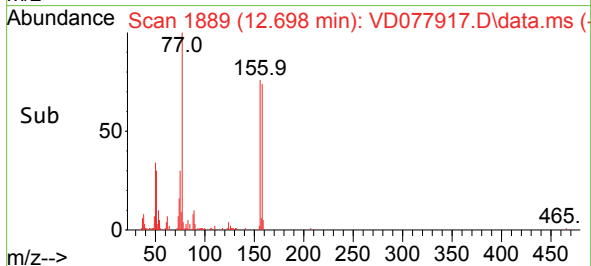
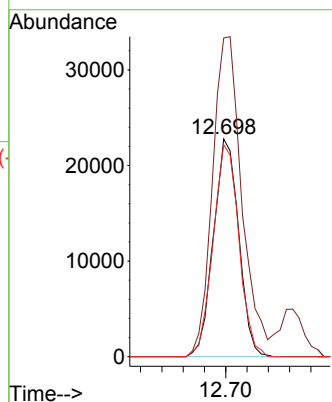
Tgt Ion:156 Resp: 37528

Ion	Ratio	Lower	Upper
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156	100		
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77	169.9	76.8	230.4
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158	99.2	48.6	145.9
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#78

n-propylbenzene

Concen: 21.168 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077917.D

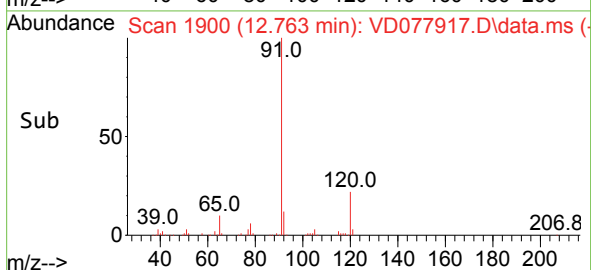
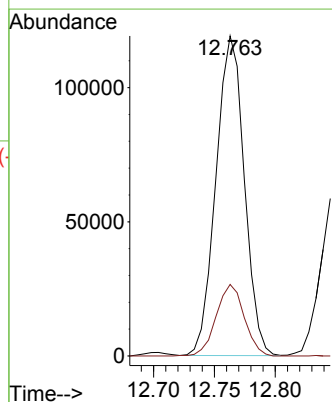
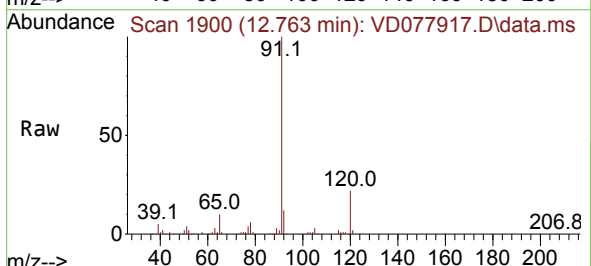
Acq: 15 Dec 2023 23:34

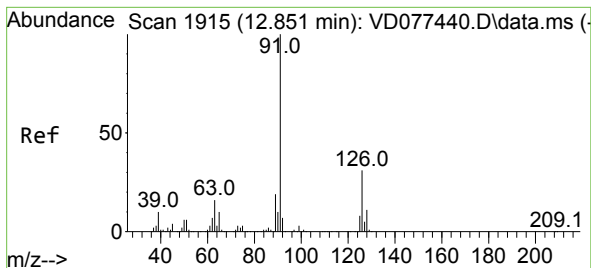
Tgt Ion: 91 Resp: 193071

Ion	Ratio	Lower	Upper
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91	100		
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120	22.1	12.4	37.2
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#79

2-Chlorotoluene

Concen: 21.053 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

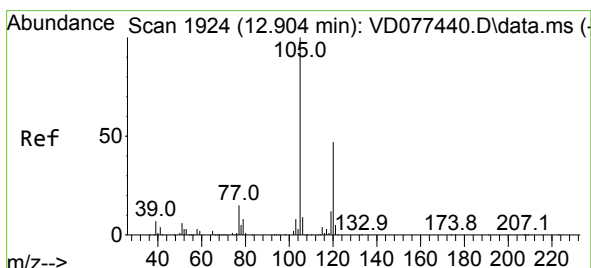
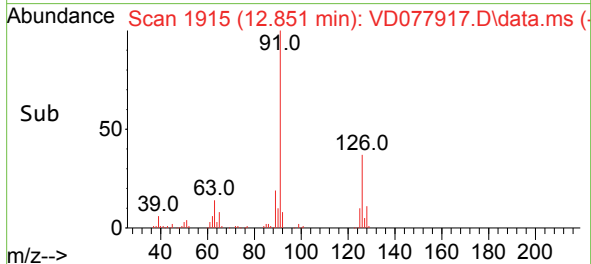
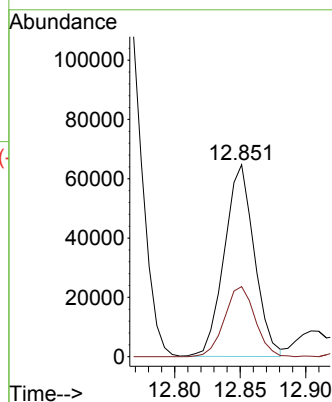
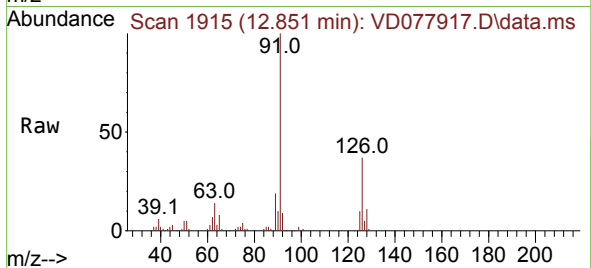
ClientSampleId :

Tgt Ion: 91 Resp: 102910

Ion Ratio Lower Upper

91 100

126 37.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.996 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077917.D

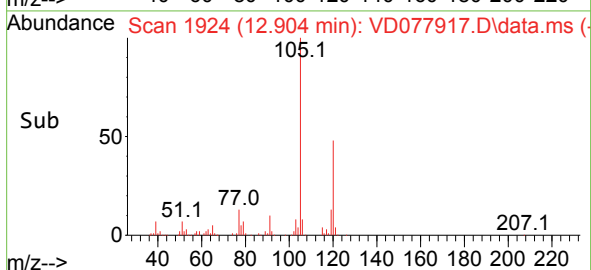
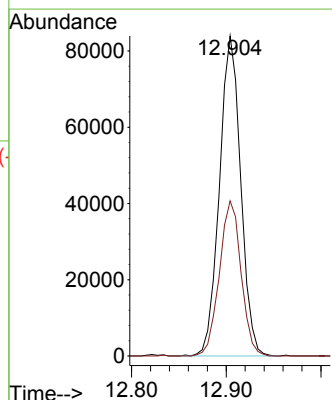
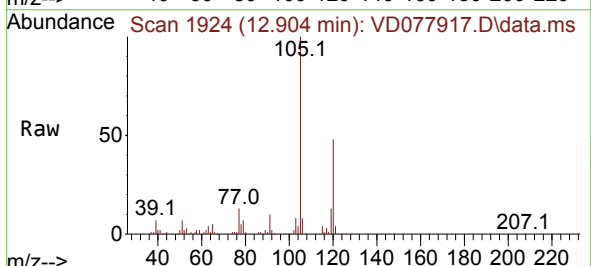
Acq: 15 Dec 2023 23:34

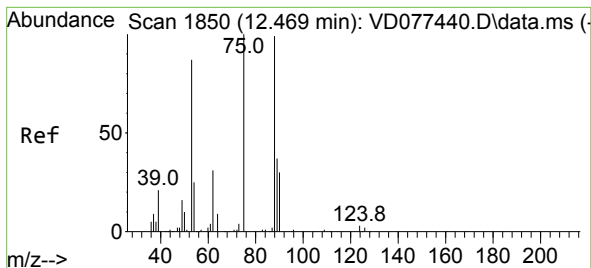
Tgt Ion:105 Resp: 131076

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

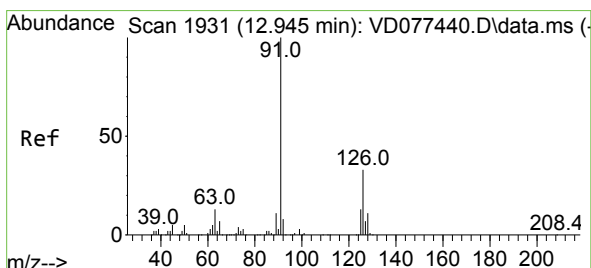
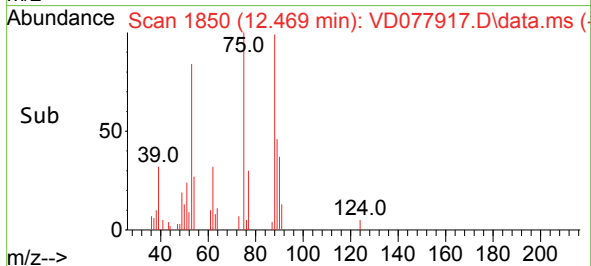
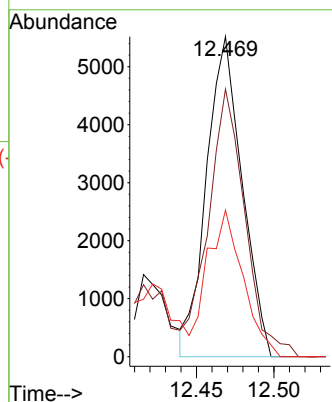
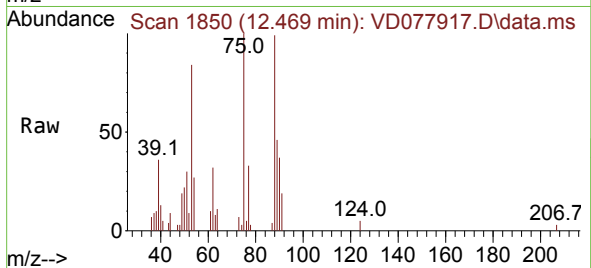




#81
trans-1,4-Dichloro-2-butene
Concen: 20.800 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

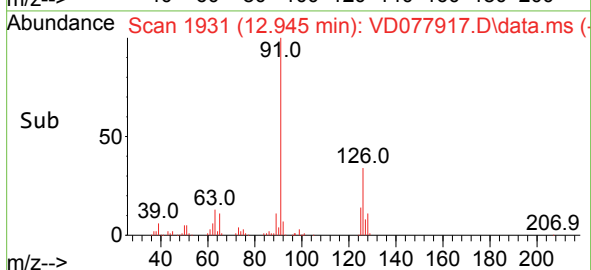
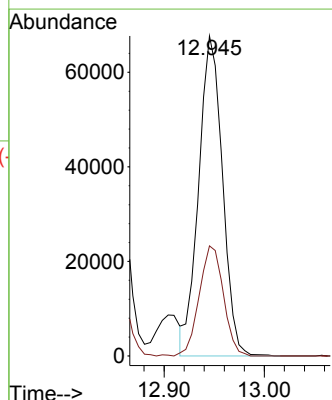
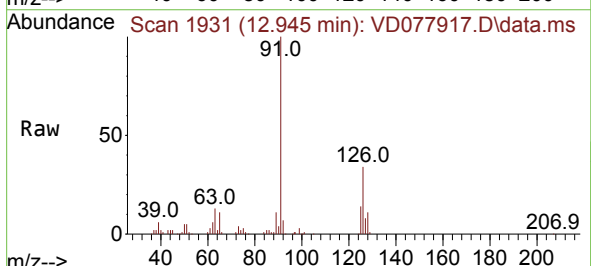
Instrument :
MSVOA_D
ClientSampleId :

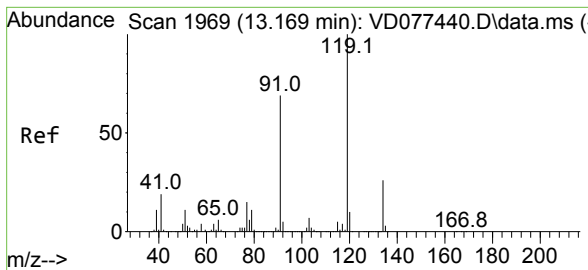
Tgt Ion: 75 Resp: 8806
Ion Ratio Lower Upper
75 100
53 85.8 63.0 94.4
89 46.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.885 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion: 91 Resp: 111834
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4

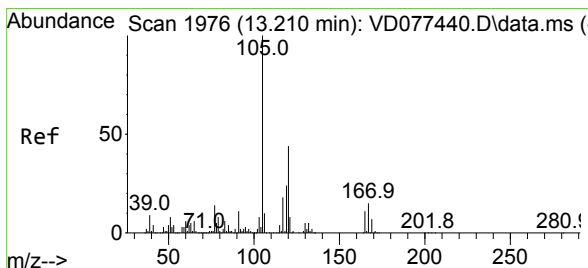
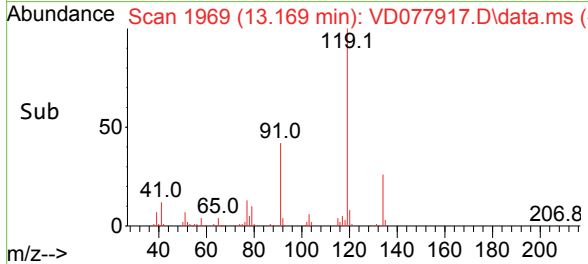
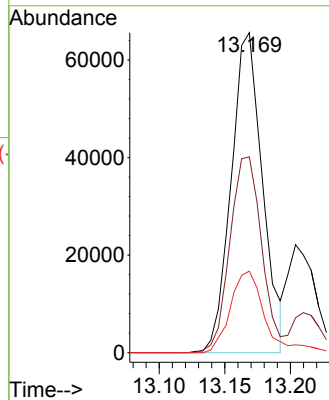
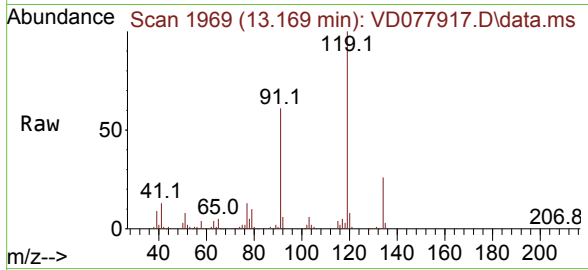




#83
 tert-Butylbenzene
 Concen: 20.690 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

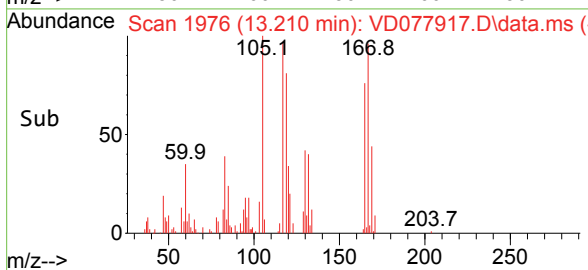
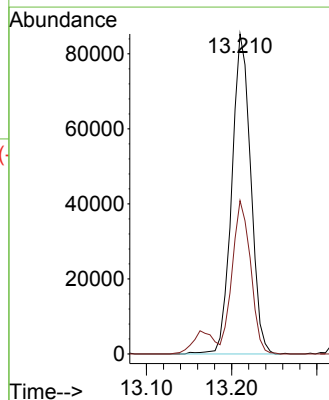
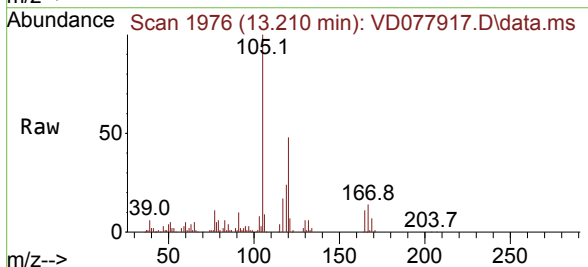
Instrument :
 MSVOA_D
 ClientSampleId :

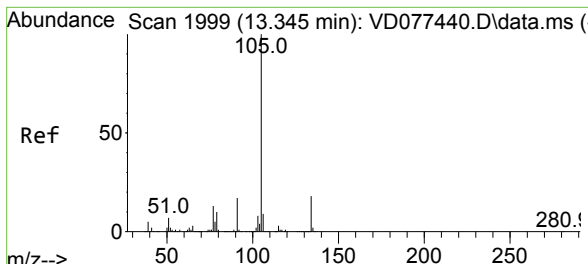
Tgt Ion:119 Resp: 109048
 Ion Ratio Lower Upper
 119 100
 91 61.9 29.3 87.8
 134 28.1 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.092 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion:105 Resp: 131705
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.3 72.9

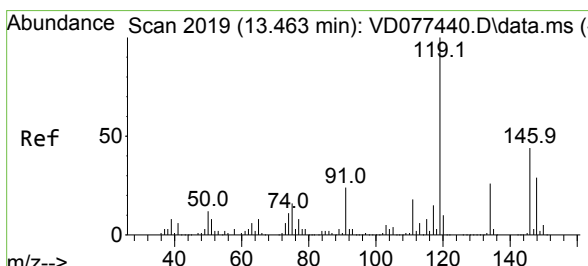
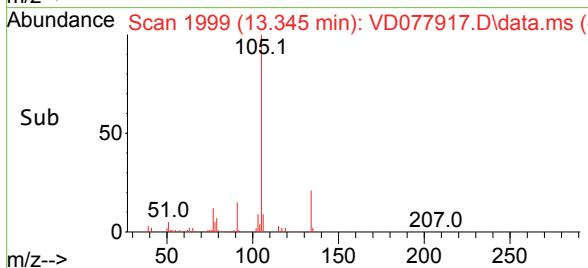
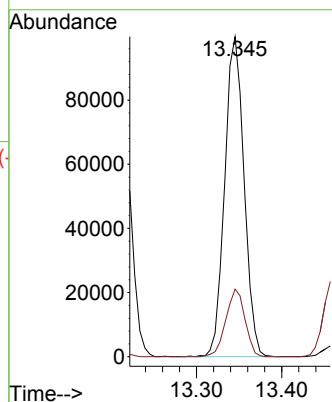
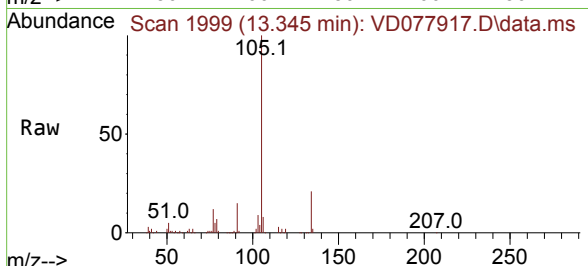




#85
 sec-Butylbenzene
 Concen: 20.248 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

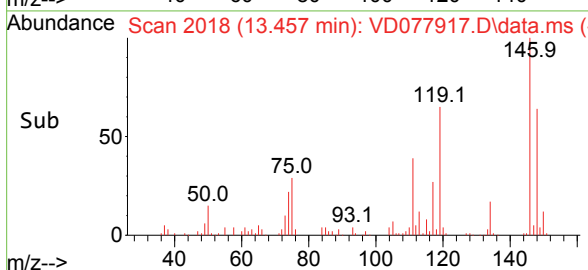
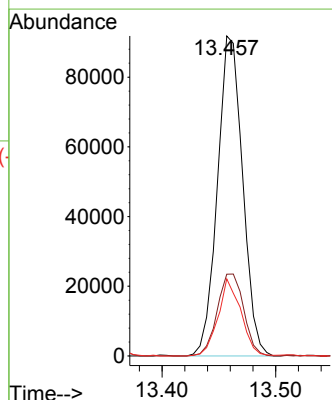
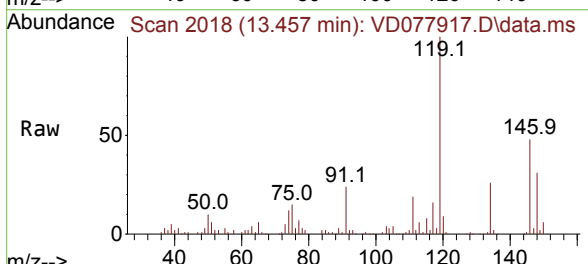
Instrument :
 MSVOA_D
 ClientSampleId :

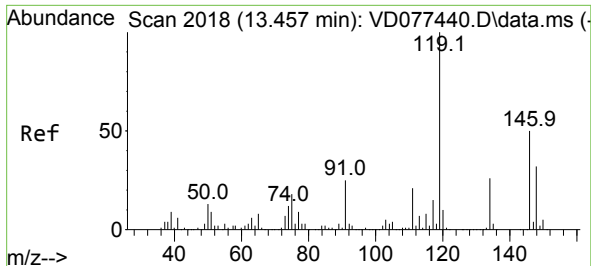
Tgt Ion:105 Resp: 157745
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.278 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion:119 Resp: 141441
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 21.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.709 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

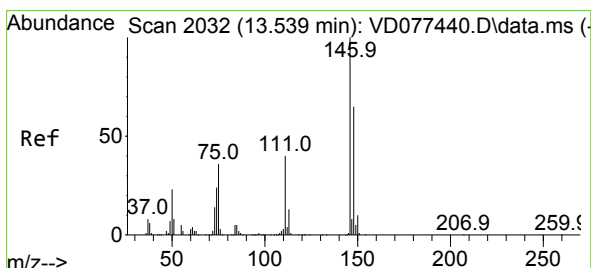
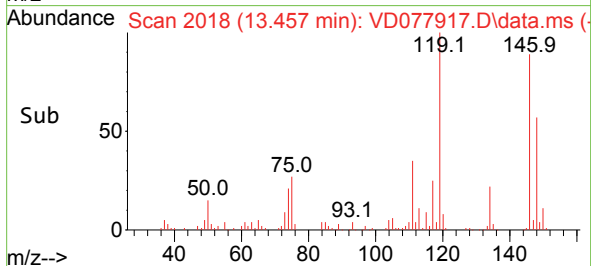
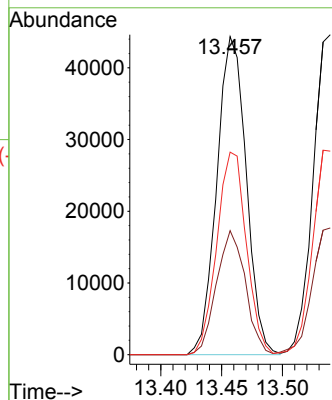
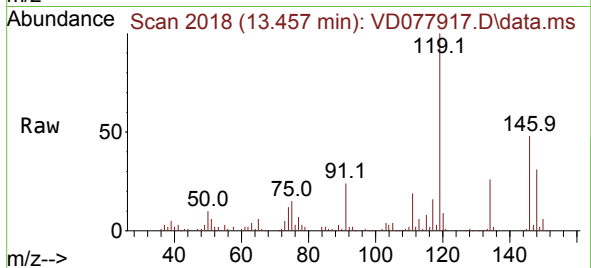
Tgt Ion:146 Resp: 74563

Ion Ratio Lower Upper

146 100

111 38.4 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.852 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

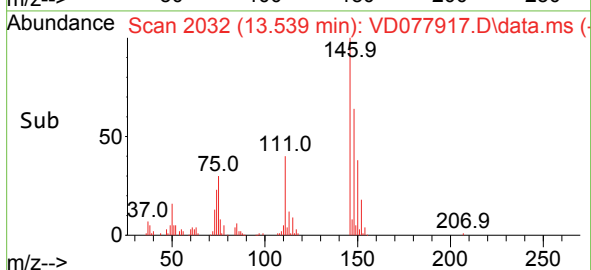
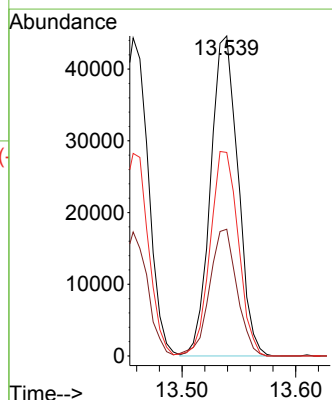
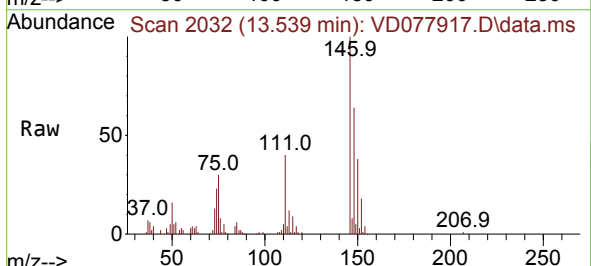
Tgt Ion:146 Resp: 74823

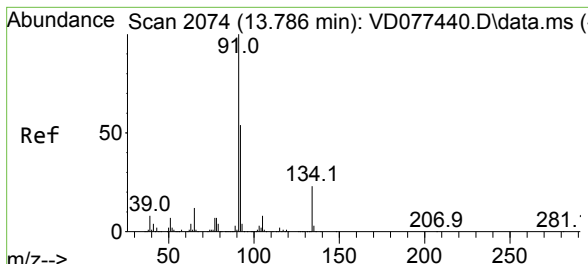
Ion Ratio Lower Upper

146 100

111 39.7 17.4 52.3

148 65.3 31.7 95.1

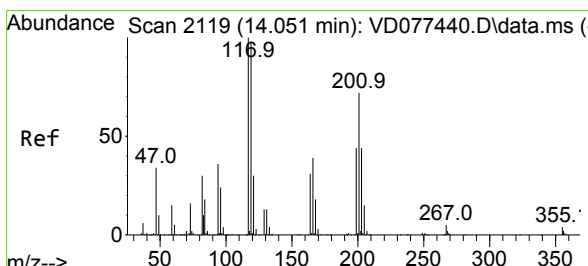
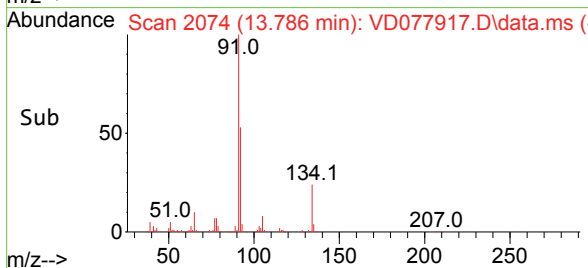
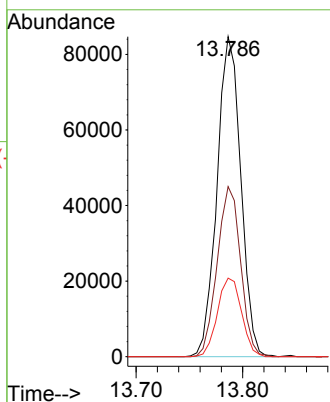
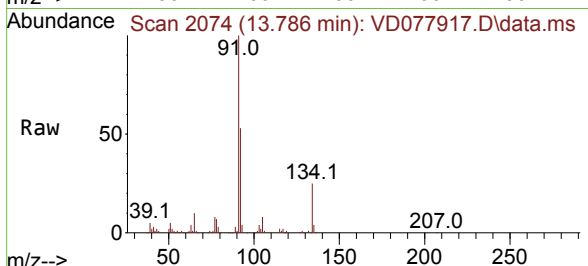




#89
 n-Butylbenzene
 Concen: 20.002 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

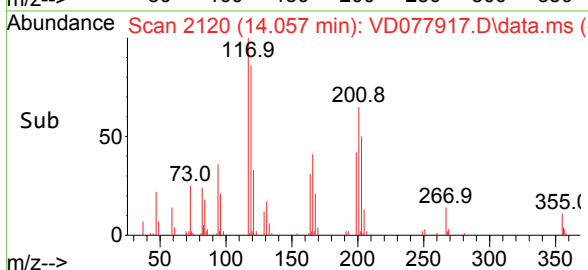
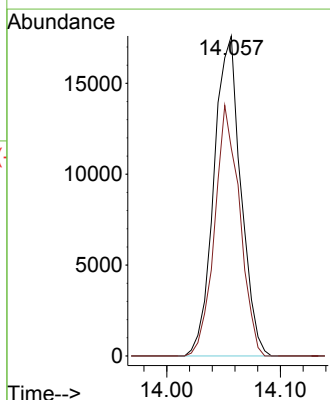
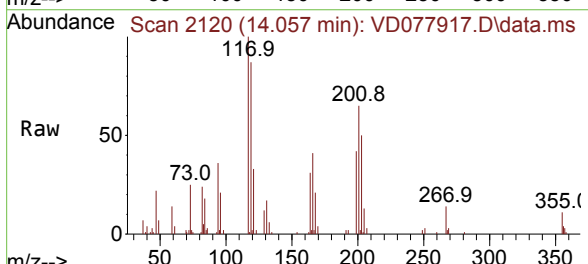
Instrument :
 MSVOA_D
 ClientSampleId :

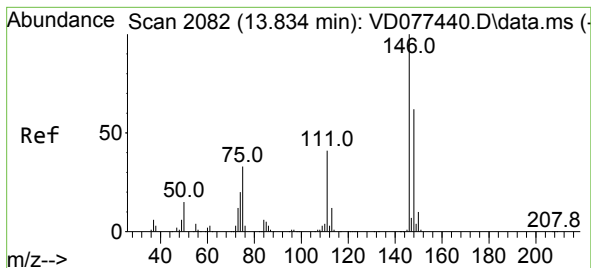
Tgt Ion:	91	Resp:	131281
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	25.0	13.8	41.3



#90
 Hexachloroethane
 Concen: 22.565 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD077917.D
 Acq: 15 Dec 2023 23:34

Tgt Ion:	117	Resp:	28946
Ion	Ratio	Lower	Upper
117	100		
201	72.8	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 22.008 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD077917.D

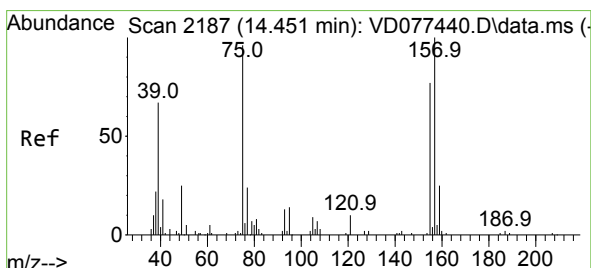
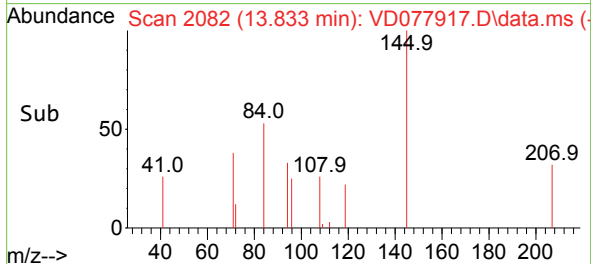
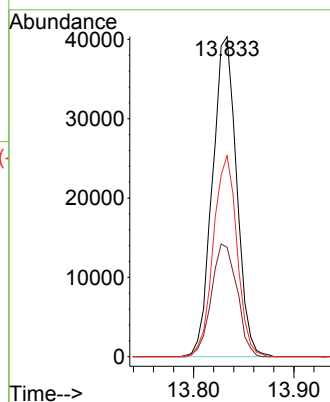
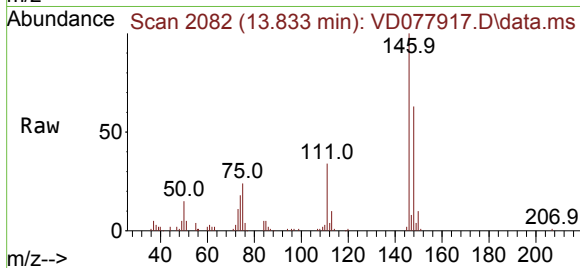
Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	67390
Ion Ratio	Lower	Upper
146	100	
111	37.4	18.3 54.8
148	61.5	31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.528 ug/l

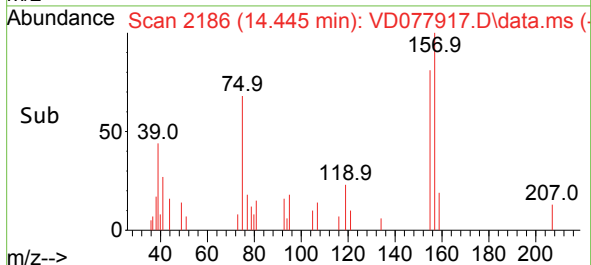
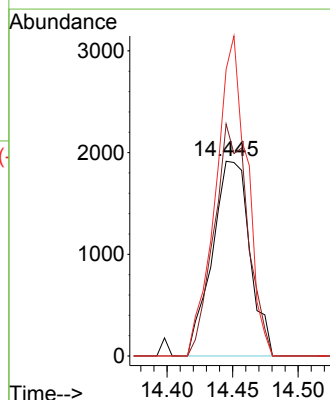
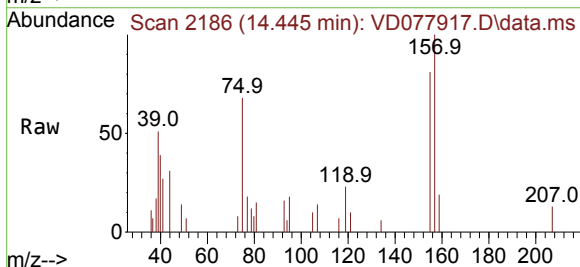
RT: 14.445 min Scan# 2186

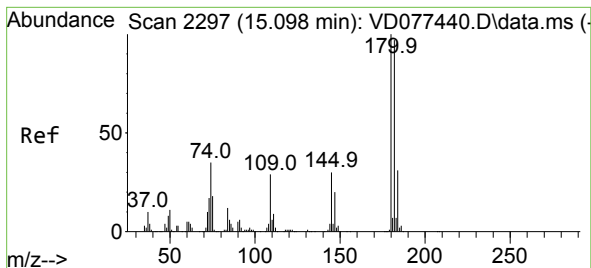
Delta R.T. -0.006 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Tgt Ion: 75	Resp:	3805
Ion Ratio	Lower	Upper
75	100	
155	106.8	47.9 143.8
157	136.8	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.058 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

Instrument :

MSVOA_D

ClientSampleId :

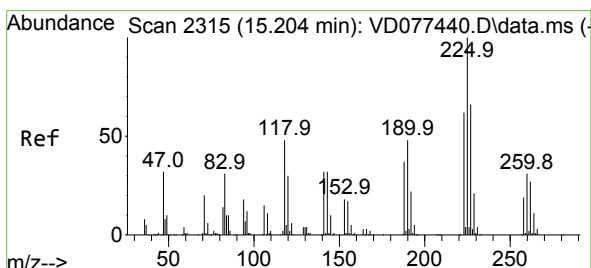
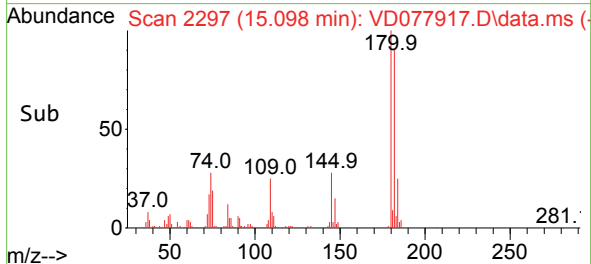
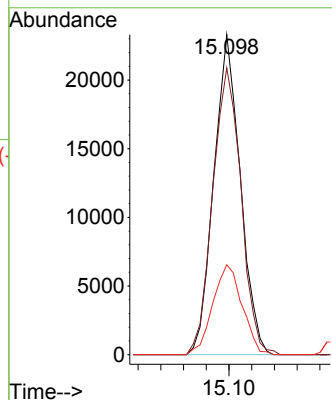
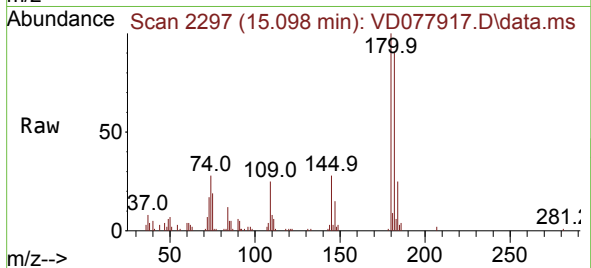
Tgt Ion:180 Resp: 37771

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.224 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077917.D

Acq: 15 Dec 2023 23:34

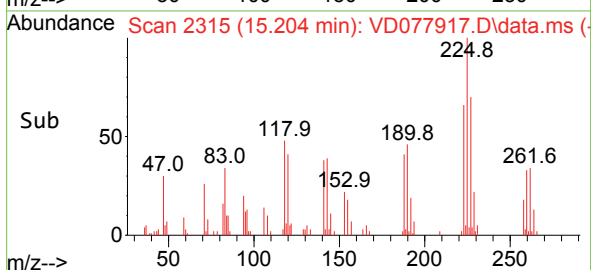
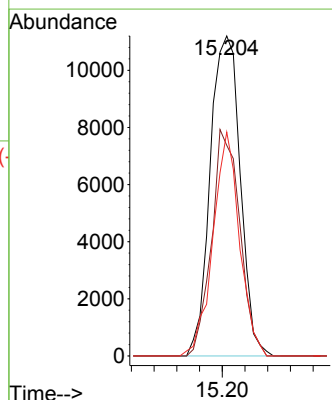
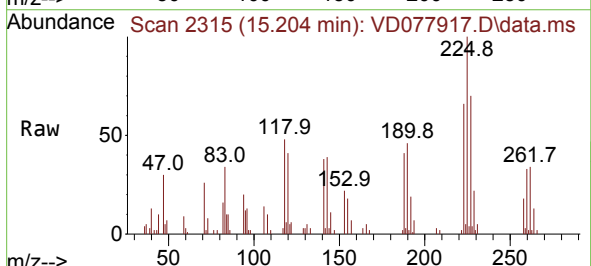
Tgt Ion:225 Resp: 20555

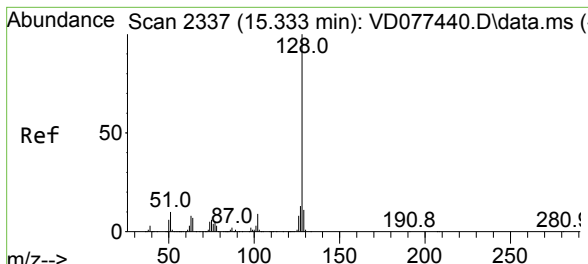
Ion Ratio Lower Upper

225 100

223 66.4 31.6 94.8

227 61.8 31.7 95.1

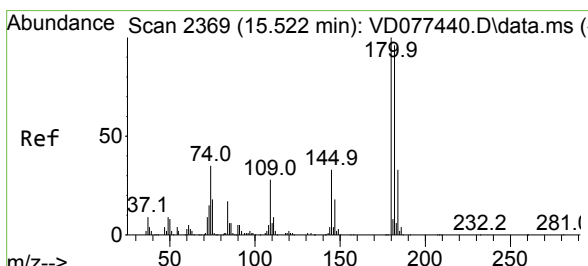
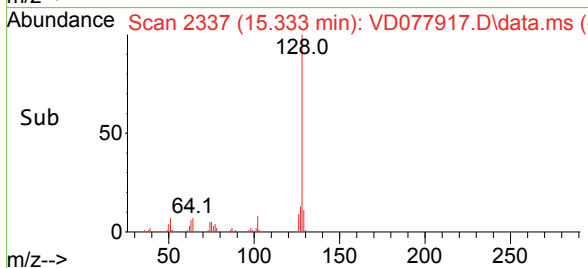
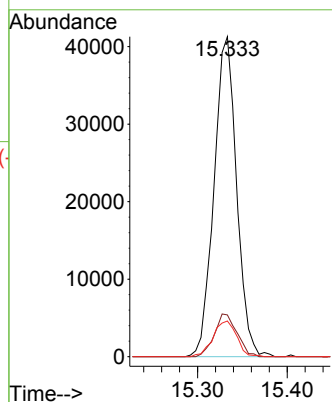
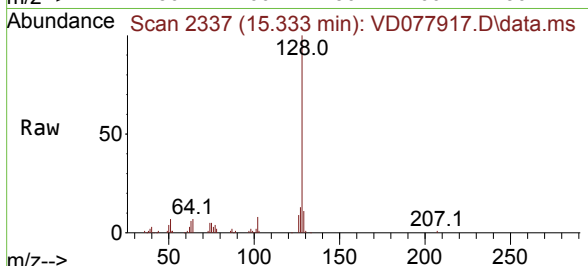




#95
Naphthalene
Concen: 20.771 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	72183
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.151 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD077917.D
Acq: 15 Dec 2023 23:34

Tgt Ion:	180	Resp:	34748
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.9
145	28.8	15.1	45.3

