

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078076.D
 Acq On : 26 Dec 2023 11:11
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 27 02:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	177765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	289186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	256935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	119655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8925	5.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.280%#
35) Dibromofluoromethane	7.816	113	10589	5.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.380%#
50) Toluene-d8	10.275	98	33143	5.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.120%#
62) 4-Bromofluorobenzene	12.575	95	11281	5.355	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.700%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	9305	6.108	ug/l	97
3) Chloromethane	2.152	50	11419	5.435	ug/l	95
4) Vinyl Chloride	2.293	62	16168	5.105	ug/l	92
5) Bromomethane	2.705	94	14118	5.560	ug/l	97
6) Chloroethane	2.846	64	11963	5.140	ug/l	100
7) Trichlorofluoromethane	3.187	101	16530	5.423	ug/l	92
8) Diethyl Ether	3.599	74	5165	6.179	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	10803	5.690	ug/l #	34
10) Methyl Iodide	4.181	142	7850	4.400	ug/l	99
11) Tert butyl alcohol	5.052	59	3071	11.241	ug/l #	85
12) 1,1-Dichloroethene	3.946	96	9032	5.376	ug/l	87
13) Acrolein	3.816	56	2702	32.435	ug/l	93
14) Allyl chloride	4.563	41	11871	5.846	ug/l #	85
15) Acrylonitrile	5.263	53	9773	27.951	ug/l	96
16) Acetone	4.022	43	14683	19.562	ug/l	88
17) Carbon Disulfide	4.281	76	20856	5.025	ug/l	96
18) Methyl Acetate	4.563	43	6862	5.293	ug/l	97
19) Methyl tert-butyl Ether	5.334	73	18707	5.031	ug/l #	86
20) Methylene Chloride	4.805	84	15277	5.019	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	10617	5.498	ug/l #	85
22) Diisopropyl ether	6.228	45	22873	5.043	ug/l	97
23) Vinyl Acetate	6.157	43	44704	21.182	ug/l	94
24) 1,1-Dichloroethane	6.110	63	18348	5.466	ug/l	97
25) 2-Butanone	7.075	43	15720	26.326	ug/l #	68
26) 2,2-Dichloropropane	7.081	77	16754	5.556	ug/l	98
27) cis-1,2-Dichloroethene	7.093	96	12327	5.381	ug/l	92
28) Bromochloromethane	7.422	49	5802	4.832	ug/l #	76
29) Tetrahydrofuran	7.446	42	6834	27.911	ug/l	91
30) Chloroform	7.593	83	19610	5.391	ug/l #	81
31) Cyclohexane	7.875	56	14184	5.621	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	16119	5.156	ug/l	98
36) 1,1-Dichloropropene	8.016	75	13355	5.101	ug/l	98
37) Ethyl Acetate	7.181	43	5573	6.400	ug/l #	86
38) Carbon Tetrachloride	7.993	117	14904	5.254	ug/l	87
39) Methylcyclohexane	9.275	83	14887	4.960	ug/l	99
40) Benzene	8.257	78	38081	5.047	ug/l #	90

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 27 02:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	2226	4.037	ug/l #	30
42) 1,2-Dichloroethane	8.334	62	10848	5.320	ug/l	99
43) Isopropyl Acetate	8.363	43	9821	5.634	ug/l #	91
44) Trichloroethene	9.028	130	11792	5.432	ug/l	95
45) 1,2-Dichloropropane	9.304	63	10518	5.501	ug/l	89
46) Dibromomethane	9.398	93	5399	5.041	ug/l	94
47) Bromodichloromethane	9.587	83	15179	5.456	ug/l #	98
48) Methyl methacrylate	9.381	41	5545	5.644	ug/l #	79
49) 1,4-Dioxane	9.381	88	1233	121.791	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	23908	26.727	ug/l	95
52) Toluene	10.334	92	23974	4.898	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	12970	5.139	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	16168	5.334	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	8237	5.466	ug/l	93
56) Ethyl methacrylate	10.592	69	6298	5.266	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	13147	5.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	11747	22.687	ug/l	98
59) 2-Hexanone	10.922	43	19984	28.761	ug/l	90
60) Dibromochloromethane	11.075	129	9593	4.997	ug/l	91
61) 1,2-Dibromoethane	11.187	107	7623	5.276	ug/l	96
64) Tetrachloroethene	10.816	164	9022	5.197	ug/l	87
65) Chlorobenzene	11.604	112	29290	5.366	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	10271	4.971	ug/l	97
67) Ethyl Benzene	11.687	91	45373	4.768	ug/l	96
68) m/p-Xylenes	11.792	106	34421	9.294	ug/l	88
69) o-Xylene	12.122	106	16505	4.782	ug/l	95
70) Styrene	12.139	104	22481	4.411	ug/l #	89
71) Bromoform	12.298	173	5959	5.228	ug/l #	98
73) Isopropylbenzene	12.422	105	43302	5.254	ug/l	97
74) N-amyl acetate	12.234	43	7850	5.738	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	8414	5.617	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	10364	10.722	ug/l #	100
77) Bromobenzene	12.698	156	10720	5.347	ug/l	85
78) n-propylbenzene	12.763	91	52695	5.312	ug/l	98
79) 2-Chlorotoluene	12.851	91	28643	5.338	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	34859	5.114	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	2807	5.992	ug/l #	85
82) 4-Chlorotoluene	12.945	91	31304	5.442	ug/l	95
83) tert-Butylbenzene	13.169	119	31852	5.216	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	36624	5.275	ug/l	99
85) sec-Butylbenzene	13.345	105	44836	5.143	ug/l	99
86) p-Isopropyltoluene	13.463	119	38592	4.947	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	21723	5.237	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	22632	5.563	ug/l	91
89) n-Butylbenzene	13.786	91	37004	5.167	ug/l	98
90) Hexachloroethane	14.057	117	8411	5.393	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	20100	5.642	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1241	5.916	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	13597	5.846	ug/l	92
94) Hexachlorobutadiene	15.204	225	7198	5.508	ug/l	95
95) Naphthalene	15.333	128	22639	5.718	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.522	180	10877	5.512	ug/l	94

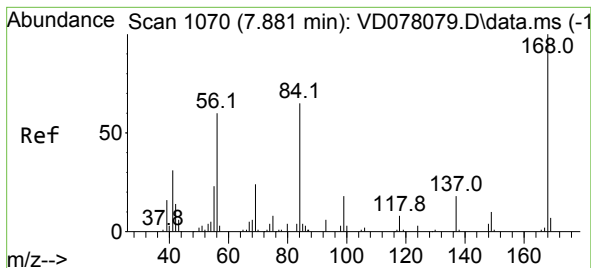
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
Data File : VD078076.D
Acq On : 26 Dec 2023 11:11
Operator : RP/MD
Sample : VSTDICC005
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Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Dec 27 02:01:18 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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

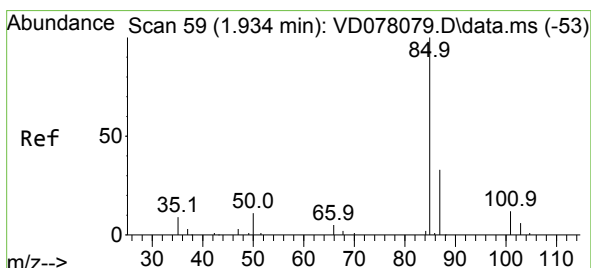
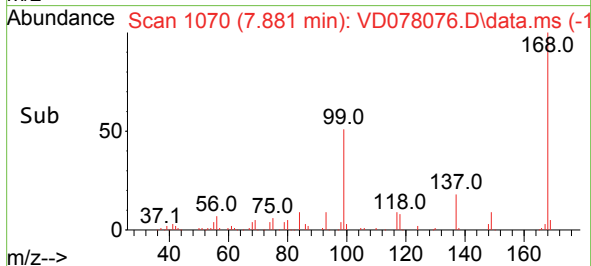
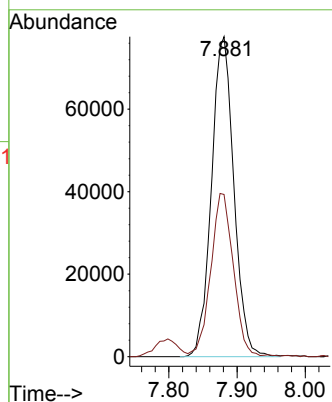
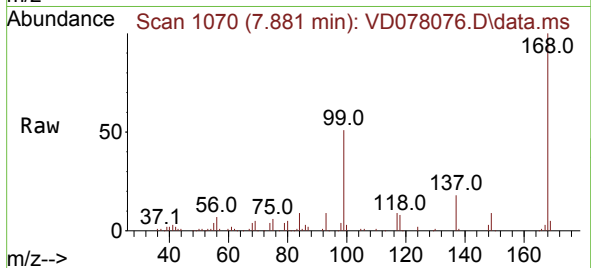
VSTDIC005

Tgt Ion:168 Resp: 177765

Ion Ratio Lower Upper

168 100

99 50.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 6.108 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078076.D

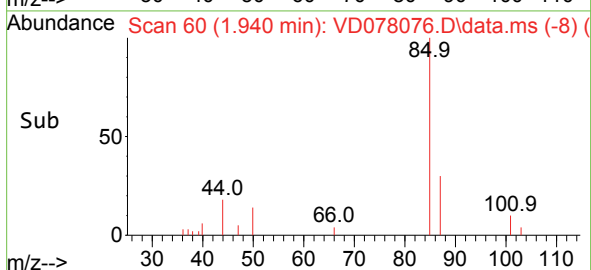
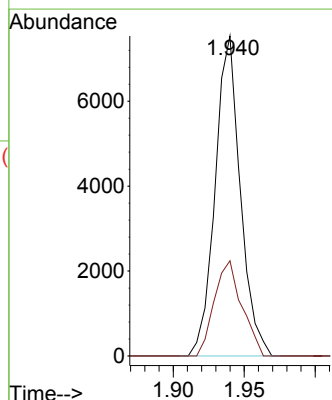
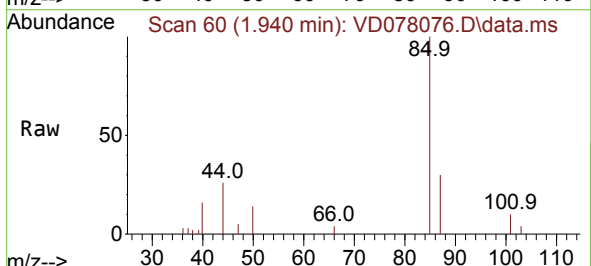
Acq: 26 Dec 2023 11:11

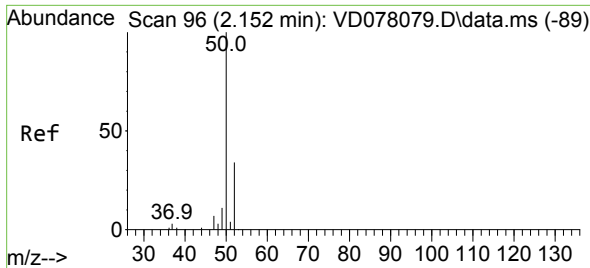
Tgt Ion: 85 Resp: 9305

Ion Ratio Lower Upper

85 100

87 29.7 15.7 47.0

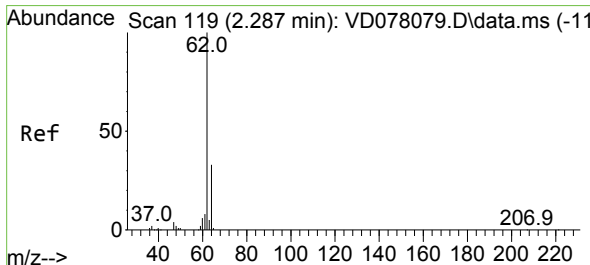
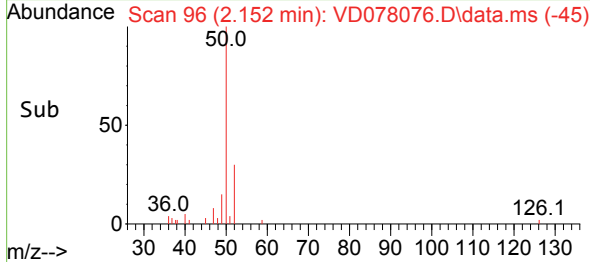
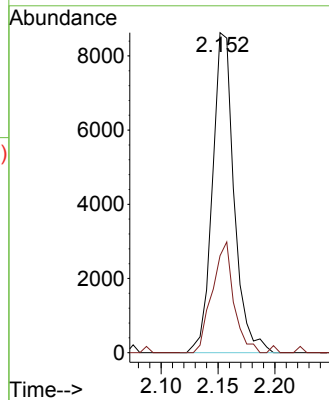
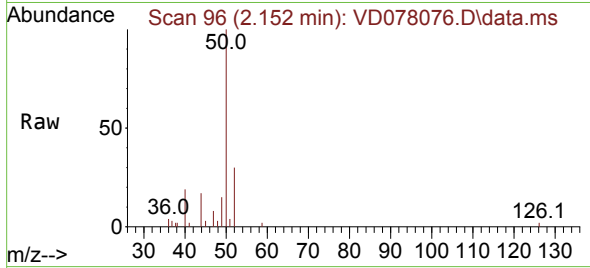




#3
Chloromethane
Concen: 5.435 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

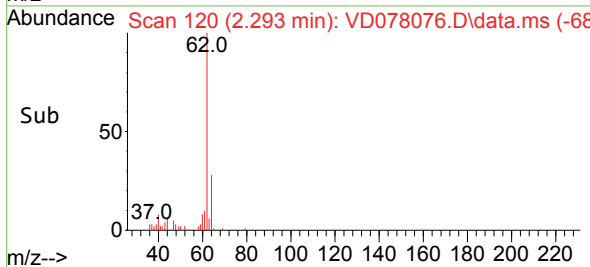
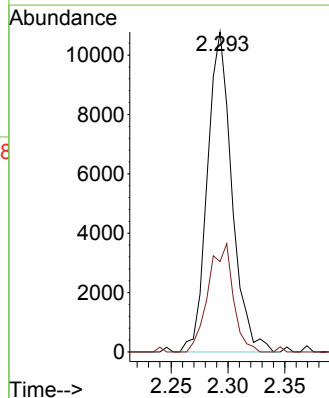
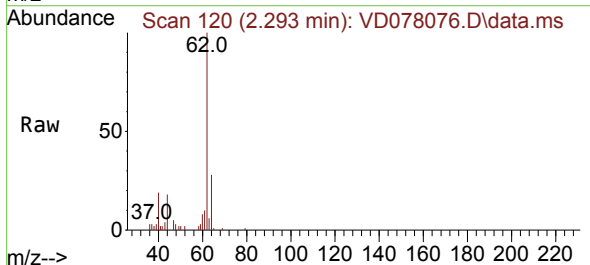
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

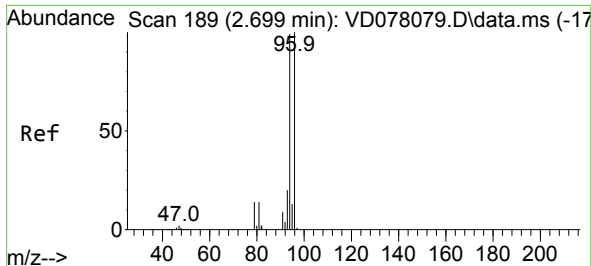
Tgt Ion: 50 Resp: 11419
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0



#4
Vinyl Chloride
Concen: 5.105 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 62 Resp: 16168
Ion Ratio Lower Upper
62 100
64 28.2 26.0 39.0

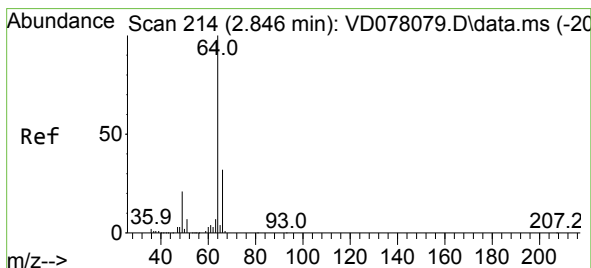
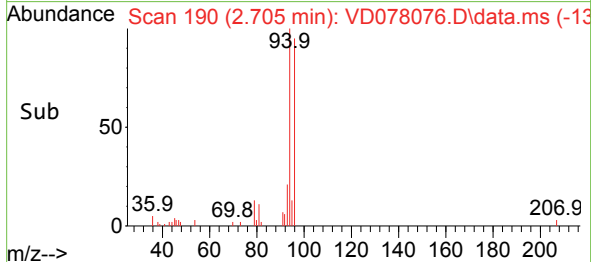
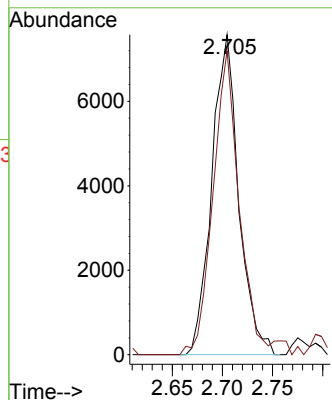
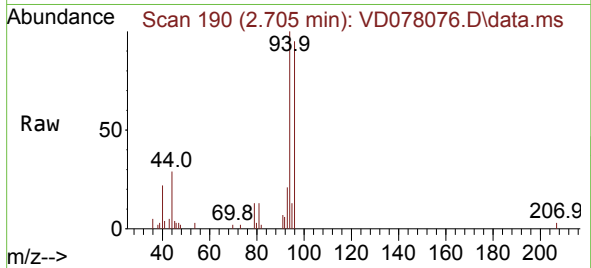




#5
Bromomethane
Concen: 5.560 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

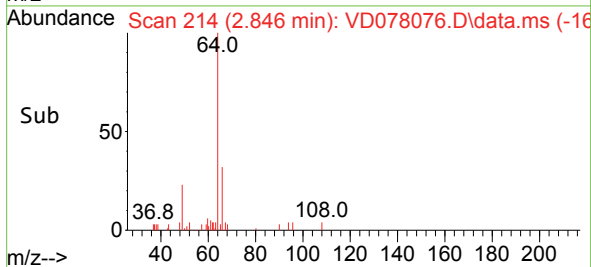
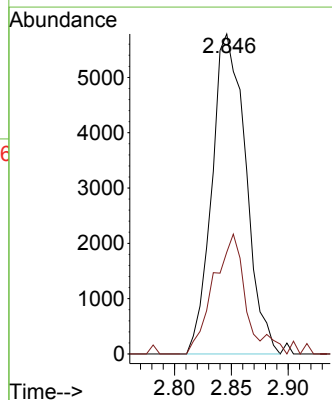
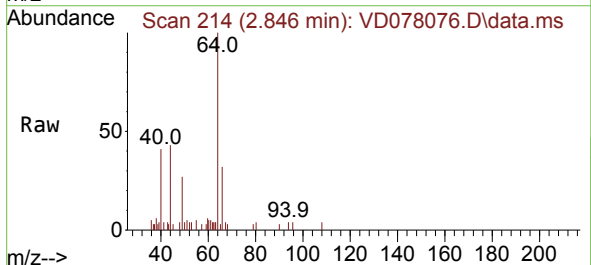
Instrument :
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VSTDIC005

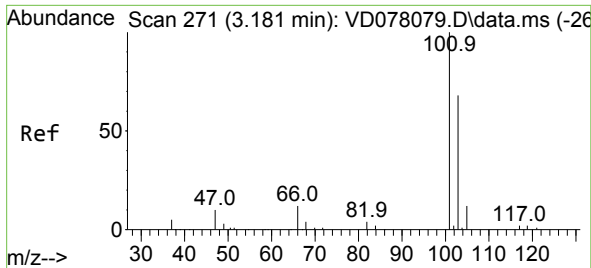
Tgt Ion: 94 Resp: 14118
Ion Ratio Lower Upper
94 100
96 91.5 75.8 113.8



#6
Chloroethane
Concen: 5.140 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 64 Resp: 11963
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

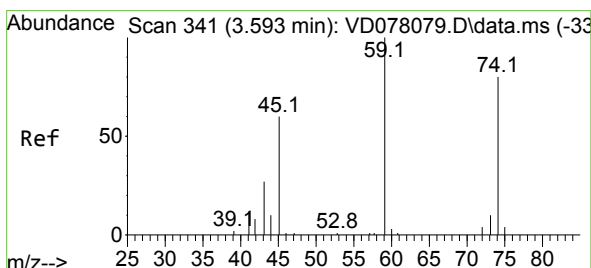
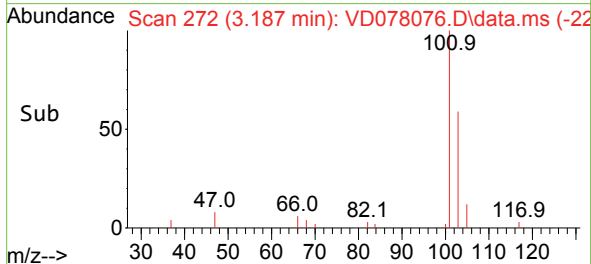
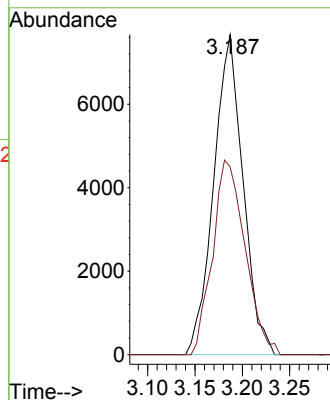
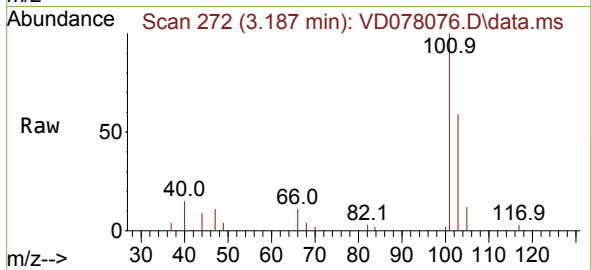




#7
 Trichlorofluoromethane
 Concen: 5.423 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

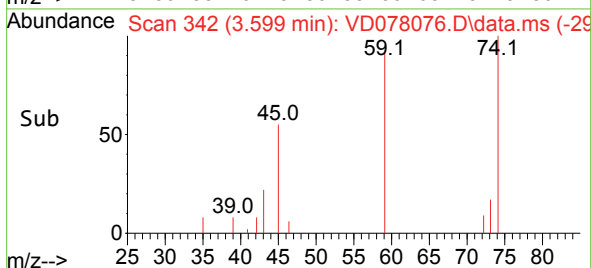
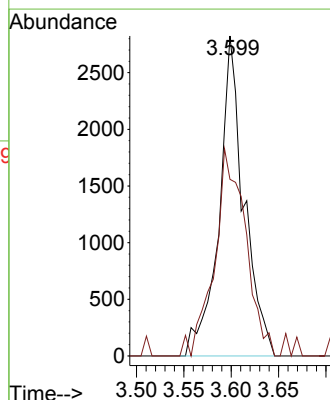
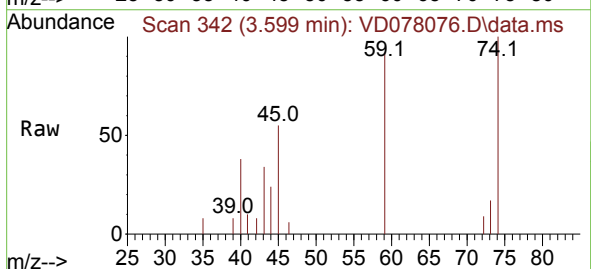
Instrument :
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 ClientSampleId :
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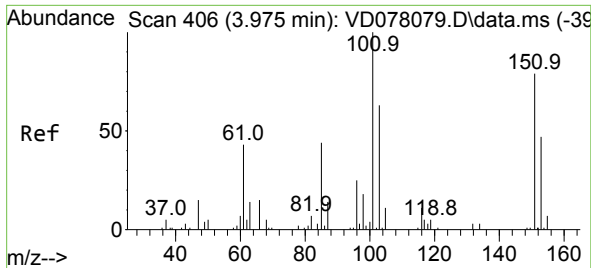
Tgt Ion:101 Resp: 16530
 Ion Ratio Lower Upper
 101 100
 103 58.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 6.179 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

Tgt Ion: 74 Resp: 5165
 Ion Ratio Lower Upper
 74 100
 45 81.1 37.5 112.7

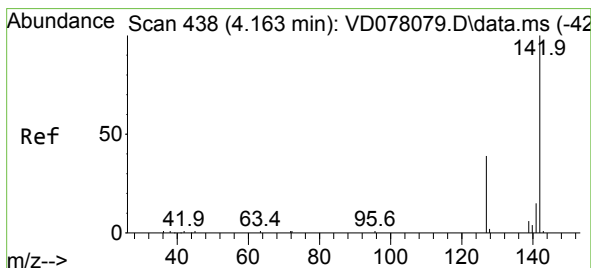
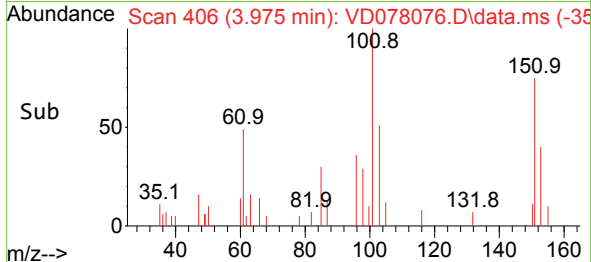
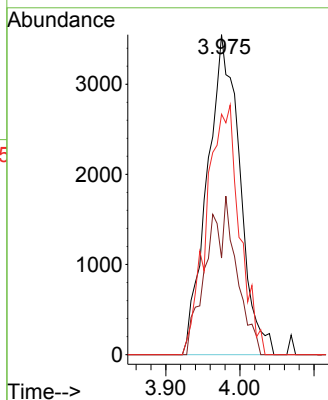
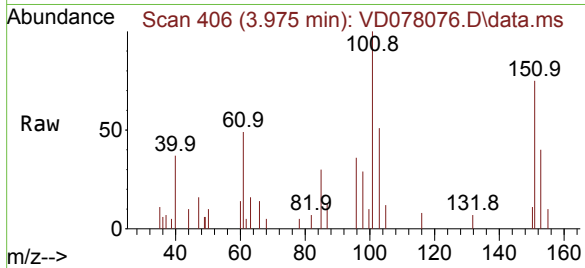




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.690 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078076.D
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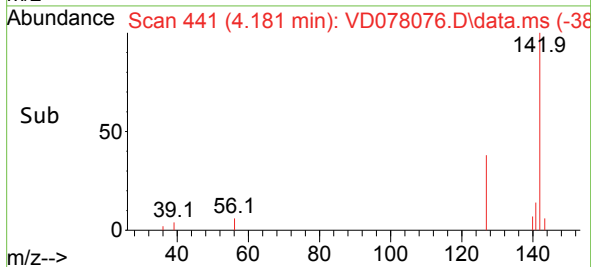
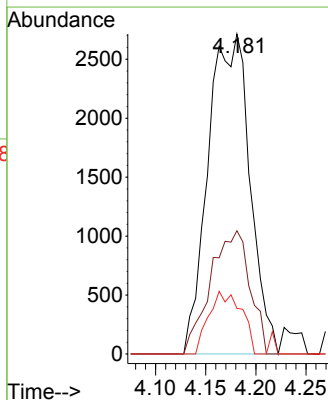
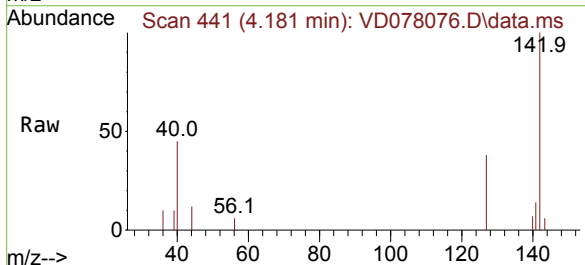
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

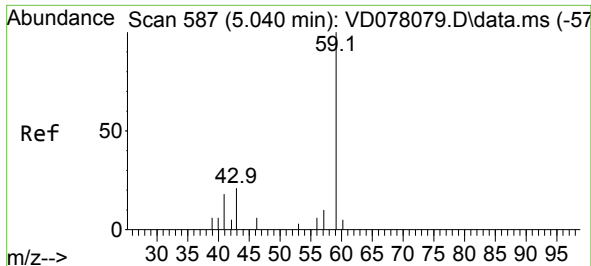
Tgt Ion:101 Resp: 10803
Ion Ratio Lower Upper
101 100
85 24.7 33.8 50.6#
151 0.0 59.8 89.6#



#10
Methyl Iodide
Concen: 4.400 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.018 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:142 Resp: 7850
Ion Ratio Lower Upper
142 100
127 36.4 29.4 44.0
141 15.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 11.241 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.012 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

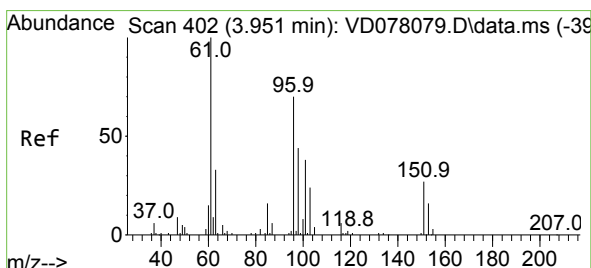
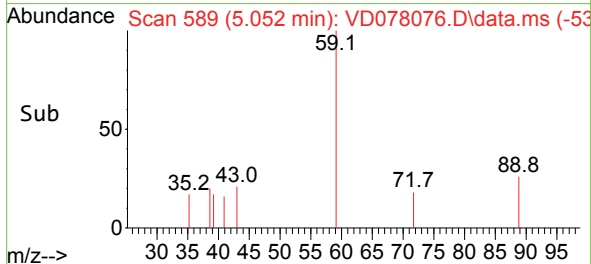
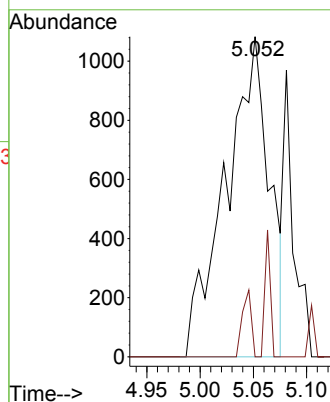
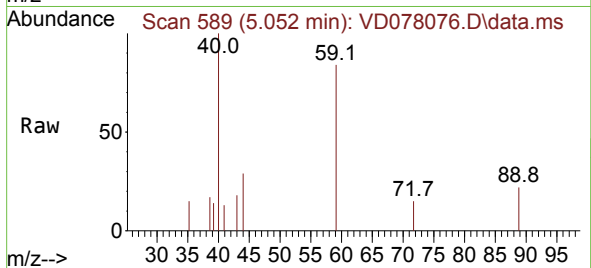
VSTDIC005

Tgt Ion: 59 Resp: 3071

Ion Ratio Lower Upper

59 100

57 4.3 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 5.376 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

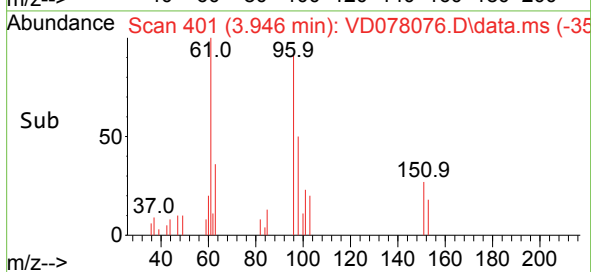
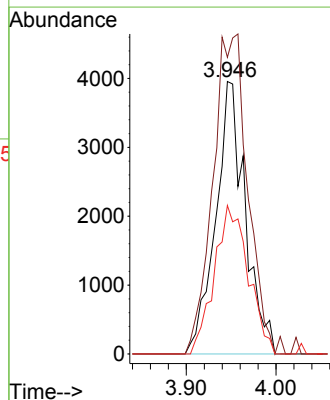
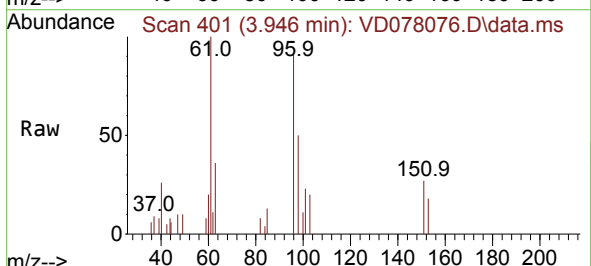
Tgt Ion: 96 Resp: 9032

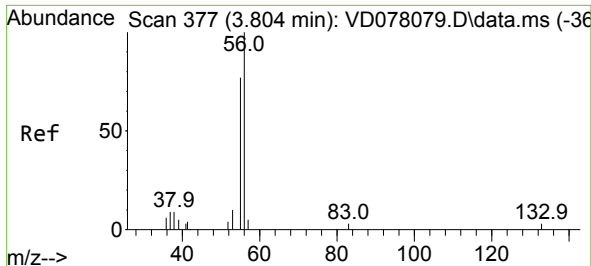
Ion Ratio Lower Upper

96 100

61 108.9 100.6 150.8

98 54.5 50.2 75.2





#13

Acrolein

Concen: 32.435 ug/l

RT: 3.816 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

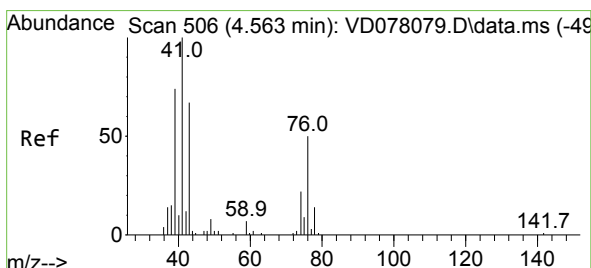
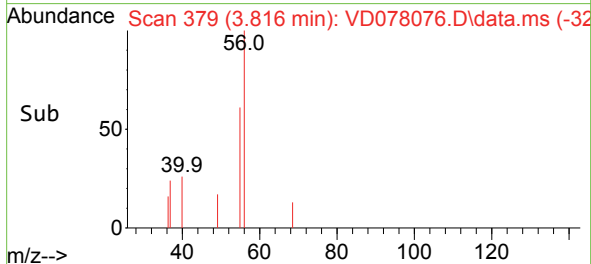
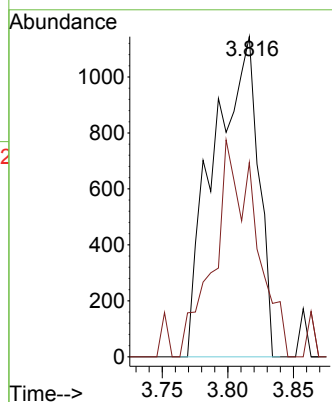
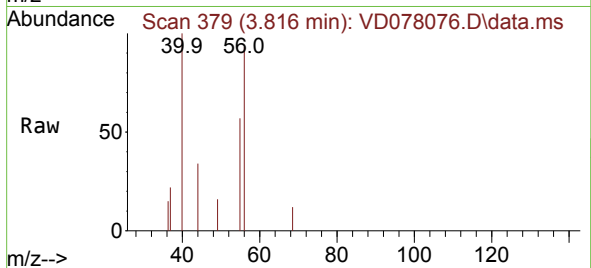
VSTDICC005

Tgt Ion: 56 Resp: 2702

Ion Ratio Lower Upper

56 100

55 63.3 55.1 82.7



#14

Allyl chloride

Concen: 5.846 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

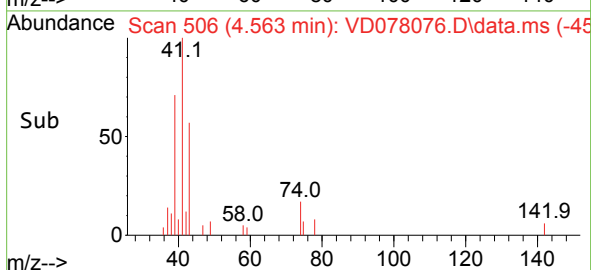
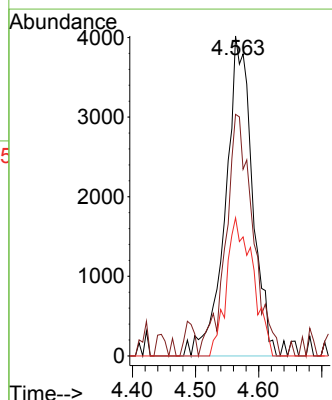
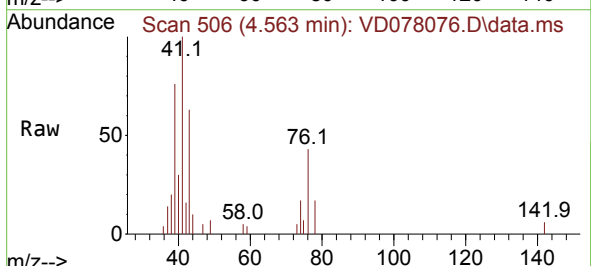
Tgt Ion: 41 Resp: 11871

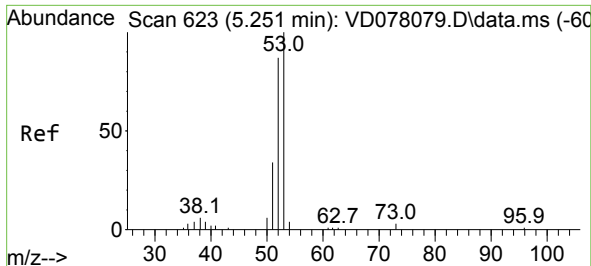
Ion Ratio Lower Upper

41 100

39 76.3 53.8 80.6

76 42.7 45.8 68.8#

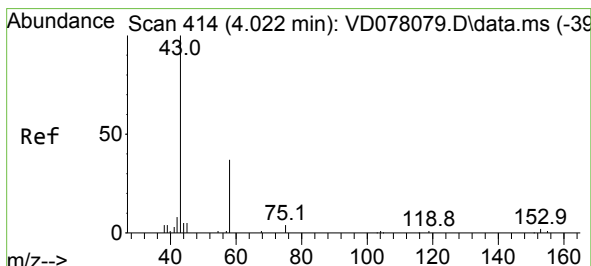
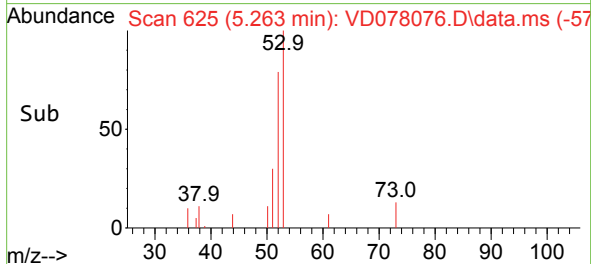
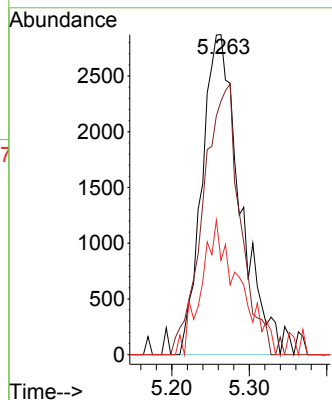
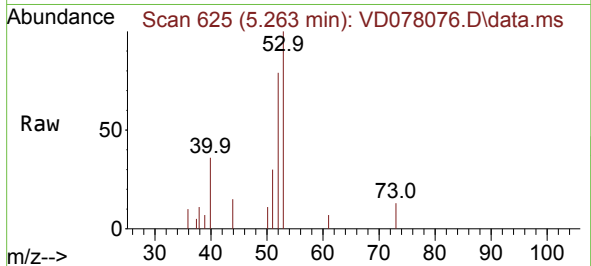




#15
Acrylonitrile
Concen: 27.951 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

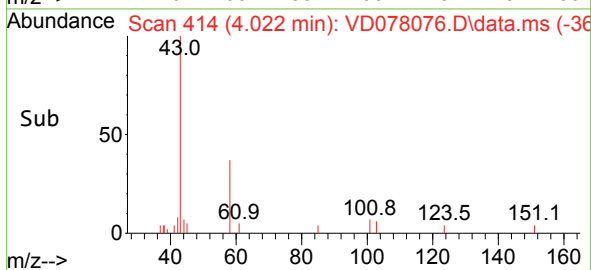
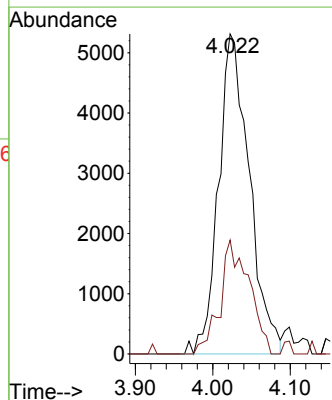
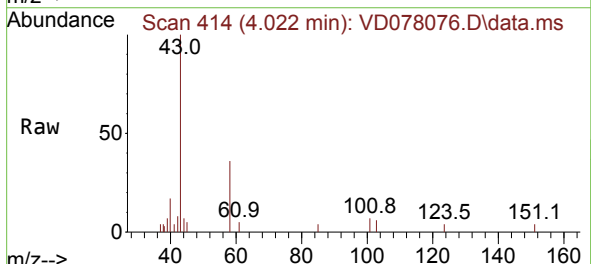
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

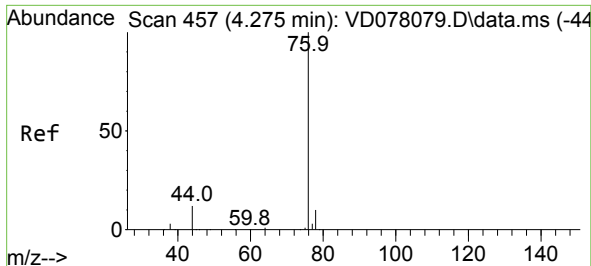
Tgt Ion:	53	Resp:	9773
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.0	97.4
51	41.9	28.3	42.5



#16
Acetone
Concen: 19.562 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:	43	Resp:	14683
Ion	Ratio	Lower	Upper
43	100		
58	35.6	34.7	52.1





#17

Carbon Disulfide

Concen: 5.025 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

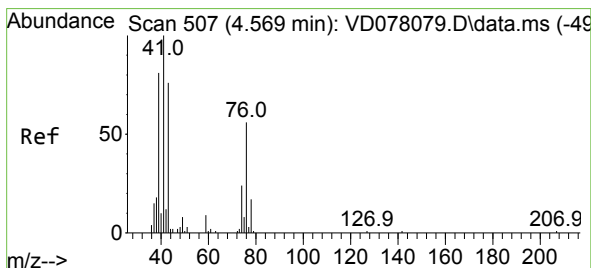
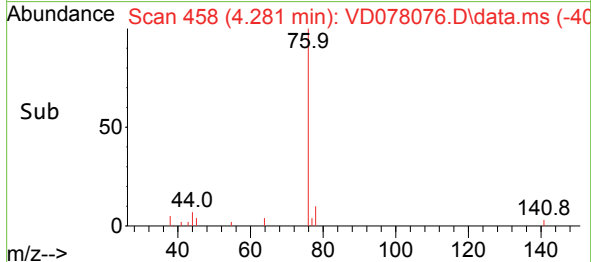
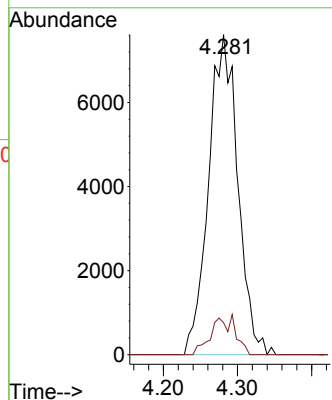
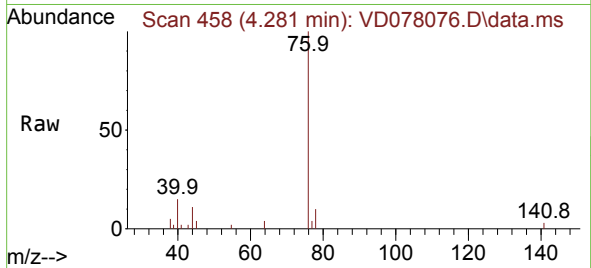
VSTDIC005

Tgt Ion: 76 Resp: 20856

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2



#18

Methyl Acetate

Concen: 5.293 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078076.D

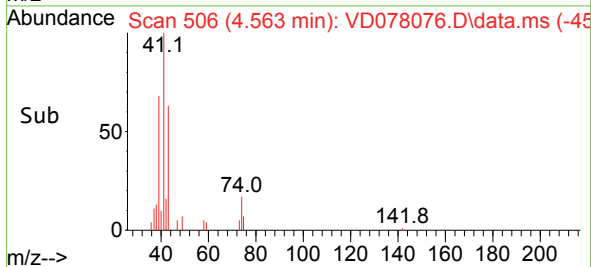
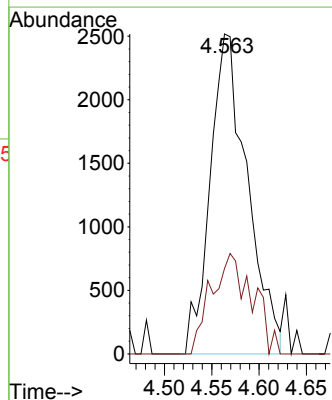
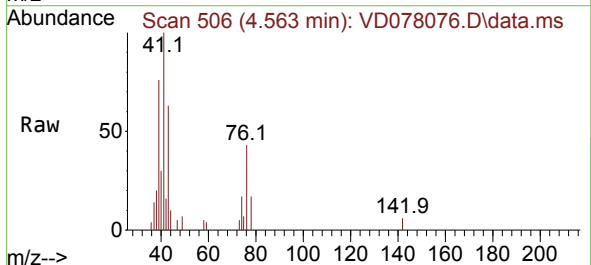
Acq: 26 Dec 2023 11:11

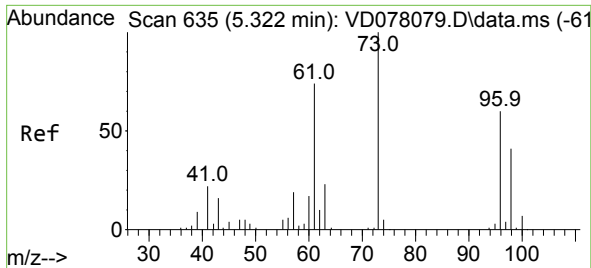
Tgt Ion: 43 Resp: 6862

Ion Ratio Lower Upper

43 100

74 34.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 5.031 ug/l

RT: 5.334 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

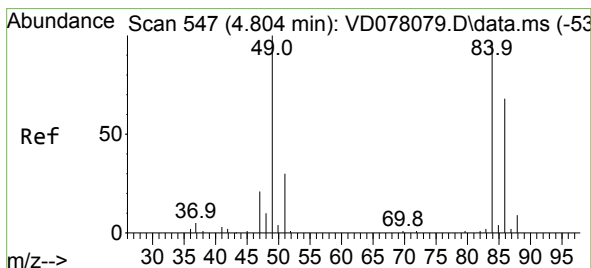
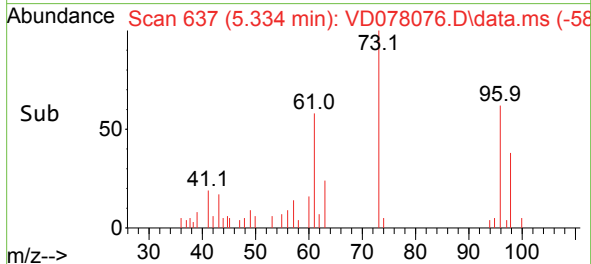
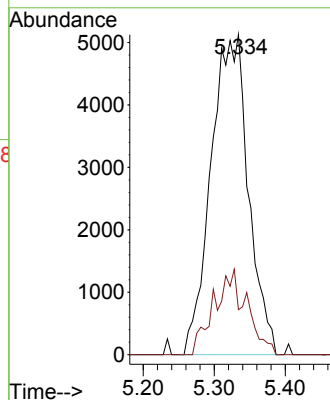
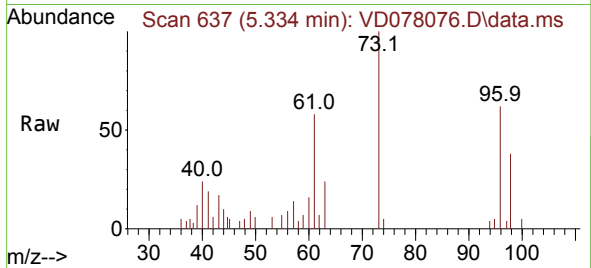
VSTDIC005

Tgt Ion: 73 Resp: 18707

Ion Ratio Lower Upper

73 100

57 14.1 16.6 25.0#



#20

Methylene Chloride

Concen: 5.019 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Tgt Ion: 84 Resp: 15277

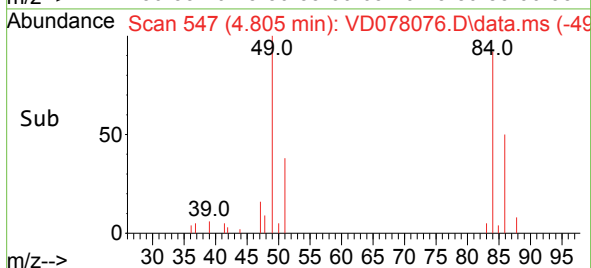
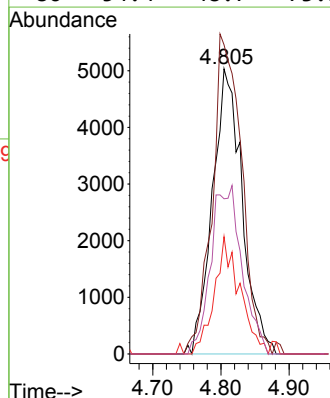
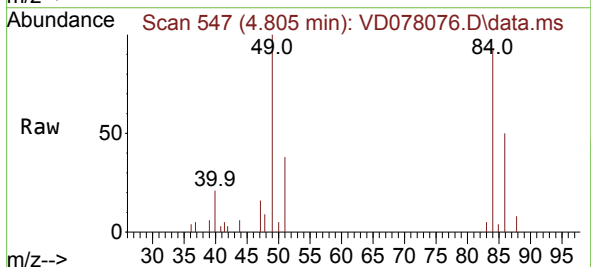
Ion Ratio Lower Upper

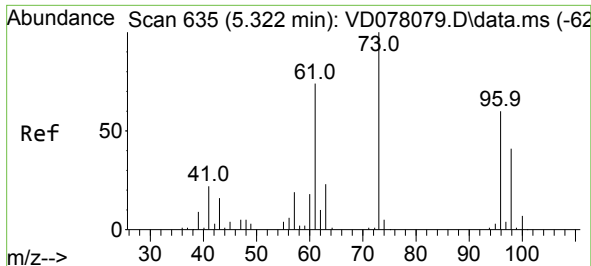
84 100

49 108.4 71.4 107.2#

51 41.2 24.5 36.7#

86 54.4 48.7 73.1

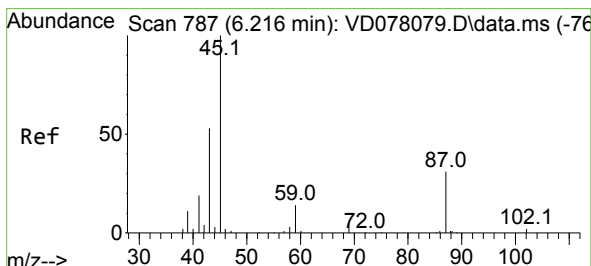
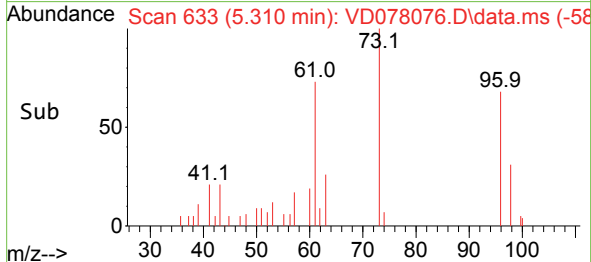
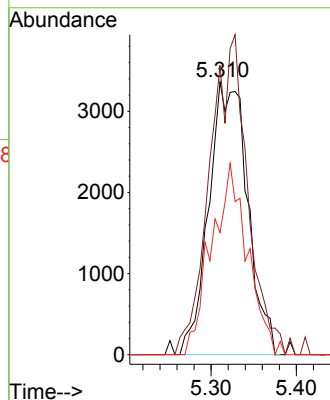
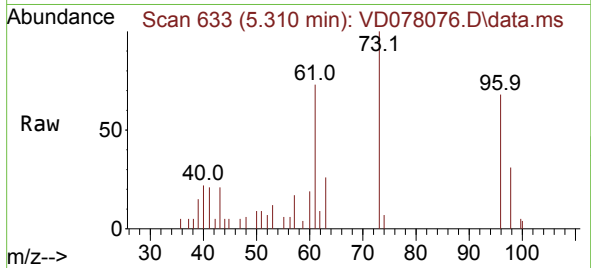




#21
trans-1,2-Dichloroethene
Concen: 5.498 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

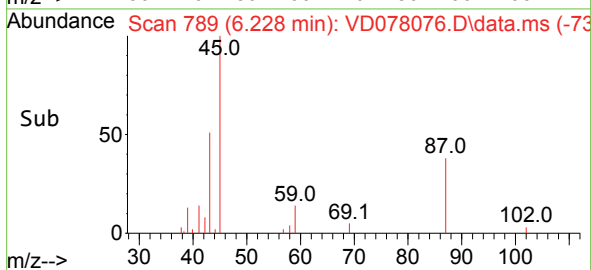
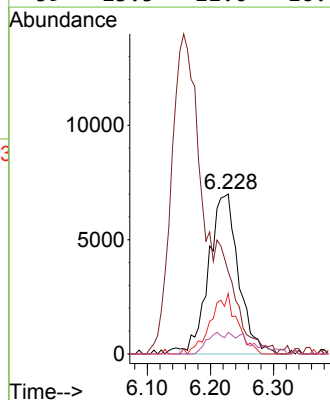
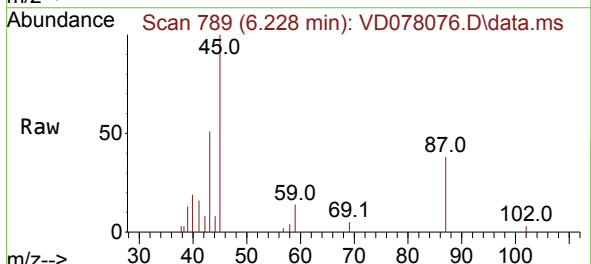
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

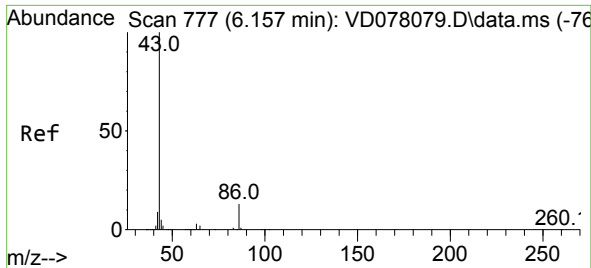
Tgt Ion: 96 Resp: 10617
Ion Ratio Lower Upper
96 100
61 99.7 89.3 133.9
98 44.7 48.6 73.0#



#22
Diisopropyl ether
Concen: 5.043 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 45 Resp: 22873
Ion Ratio Lower Upper
45 100
43 48.3 40.0 60.0
87 37.7 28.2 42.4
59 13.5 11.0 16.4

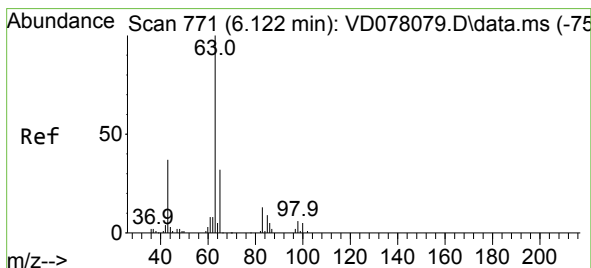
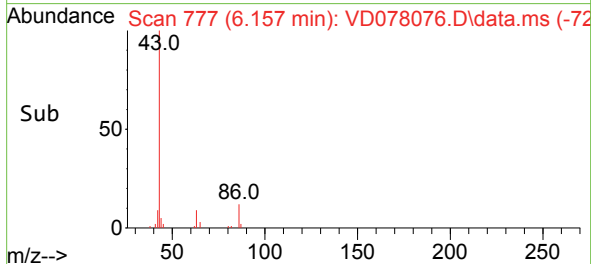
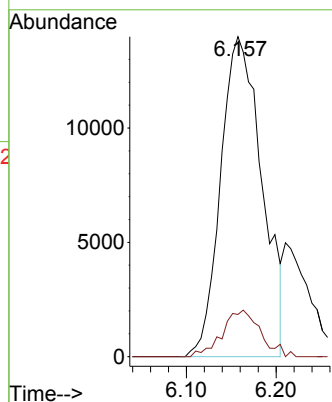
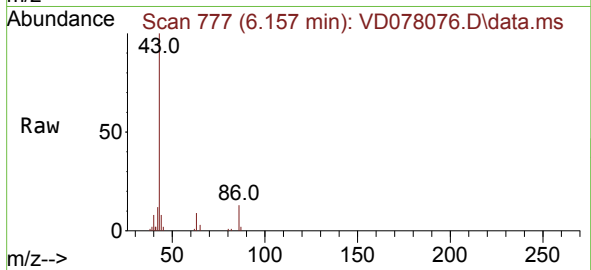




#23
 Vinyl Acetate
 Concen: 21.182 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

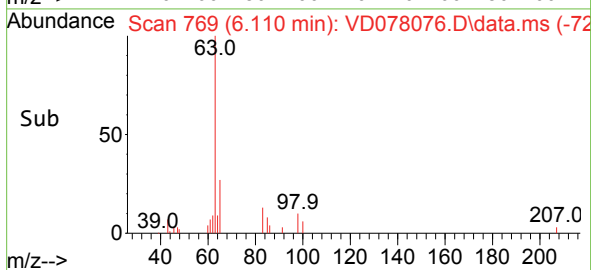
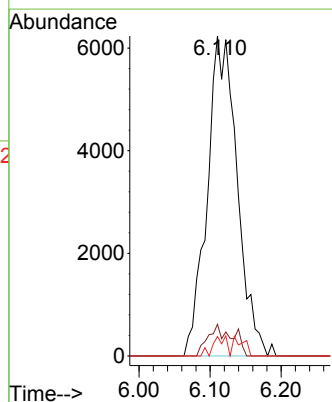
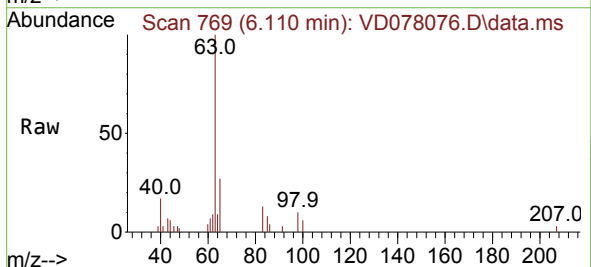
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

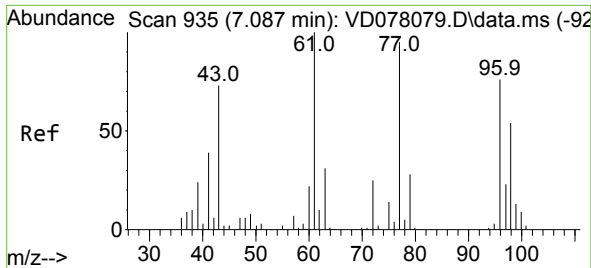
Tgt Ion: 43 Resp: 44704
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.466 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

Tgt Ion: 63 Resp: 18348
 Ion Ratio Lower Upper
 63 100
 98 9.9 4.5 13.7
 100 6.0 2.5 7.5

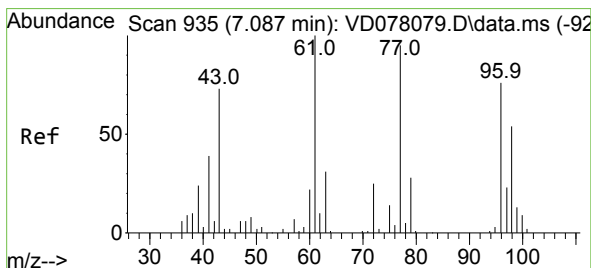
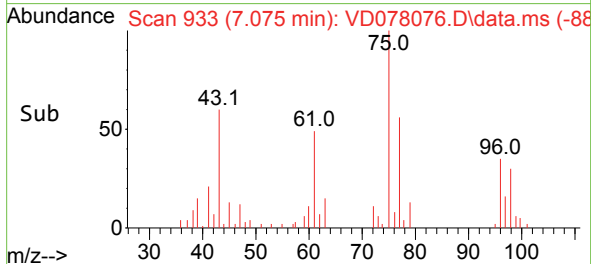
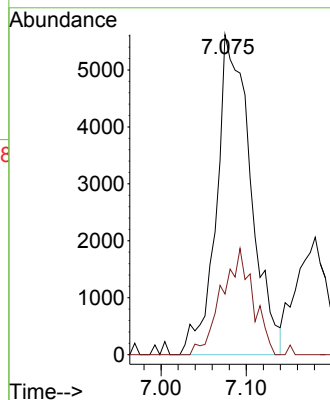
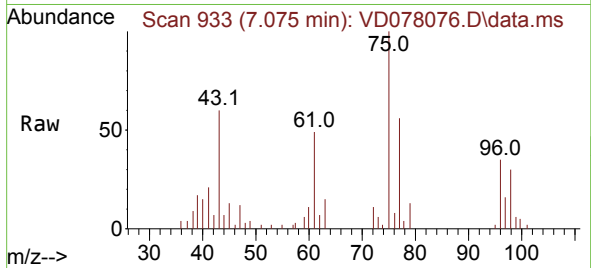




#25
2-Butanone
Concen: 26.326 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

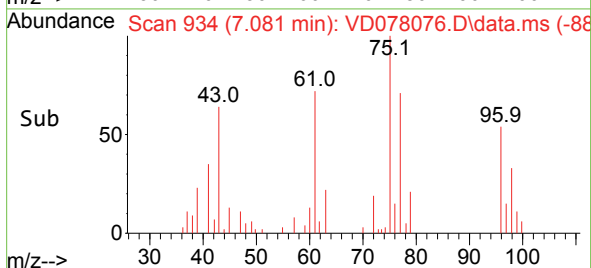
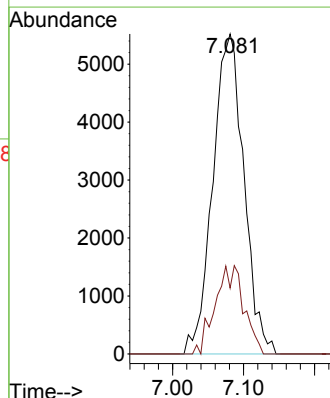
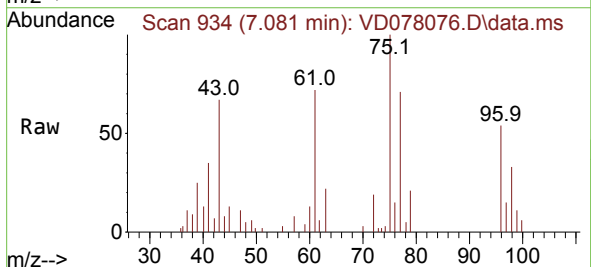
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

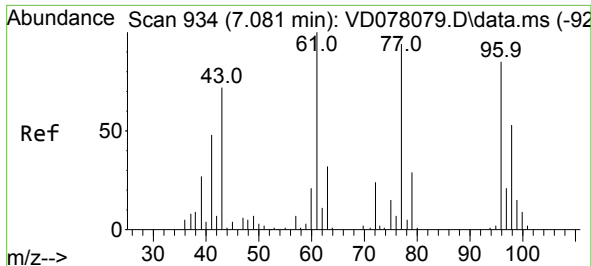
Tgt Ion: 43 Resp: 15720
Ion Ratio Lower Upper
43 100
72 19.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.556 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 77 Resp: 16754
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6

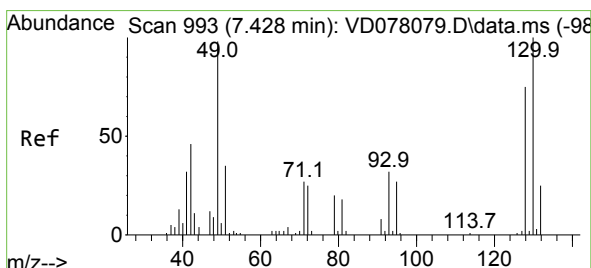
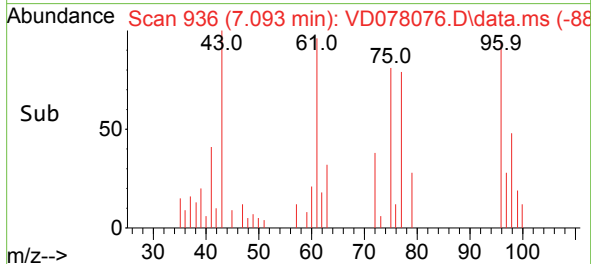
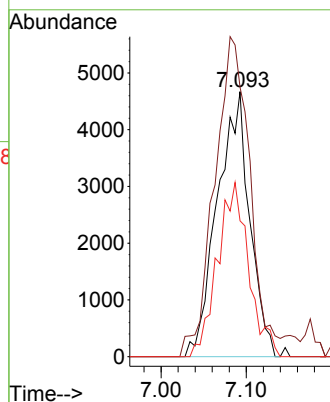
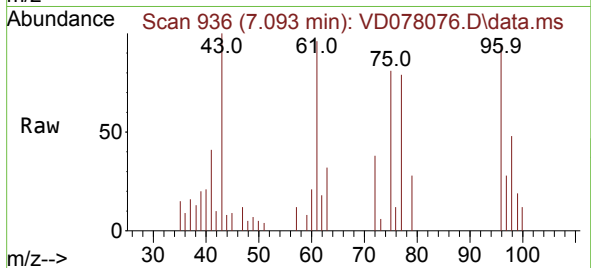




#27
 cis-1,2-Dichloroethene
 Concen: 5.381 ug/l
 RT: 7.093 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

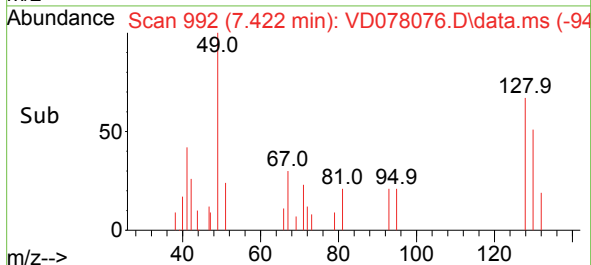
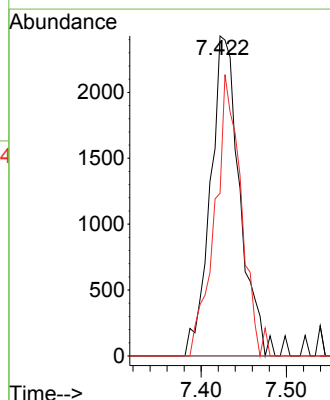
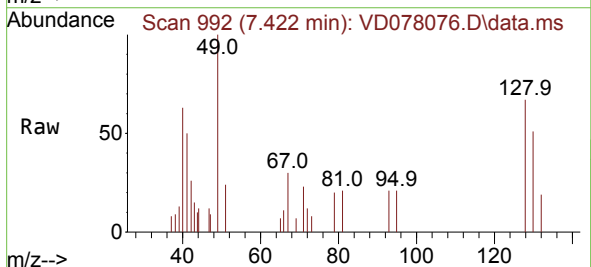
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

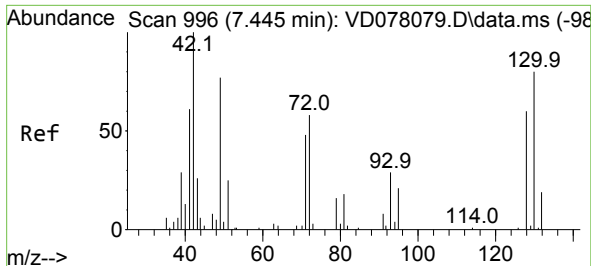
Tgt Ion: 96 Resp: 12327
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 239.2
 98 63.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 4.832 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

Tgt Ion: 49 Resp: 5802
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 78.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 27.911 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

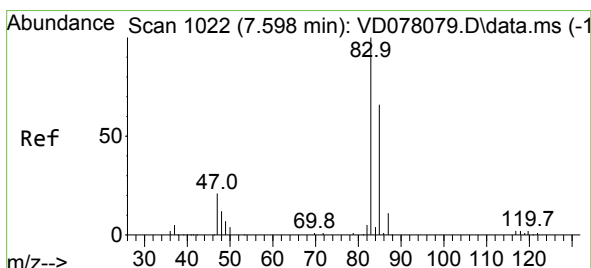
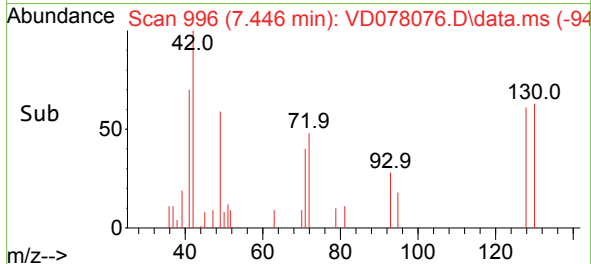
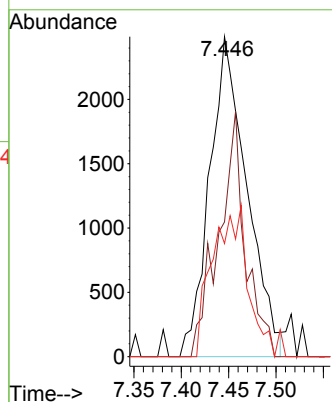
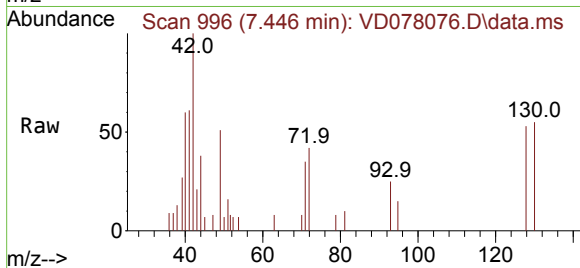
Tgt Ion: 42 Resp: 6834

Ion Ratio Lower Upper

42 100

72 54.5 46.5 69.7

71 45.4 44.5 66.7



#30

Chloroform

Concen: 5.391 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078076.D

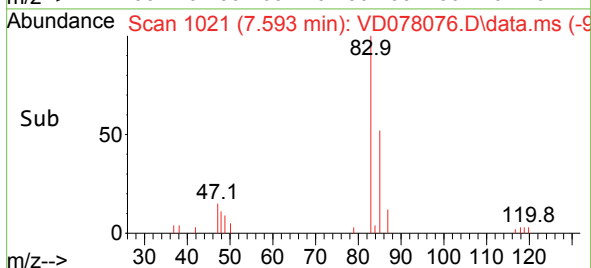
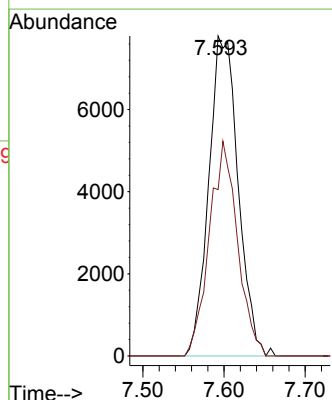
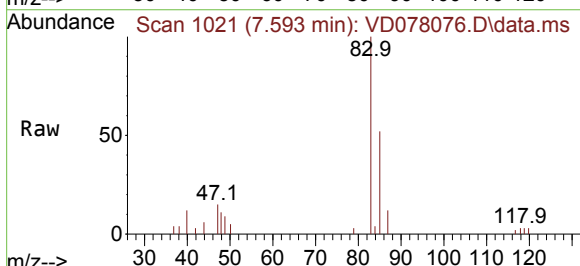
Acq: 26 Dec 2023 11:11

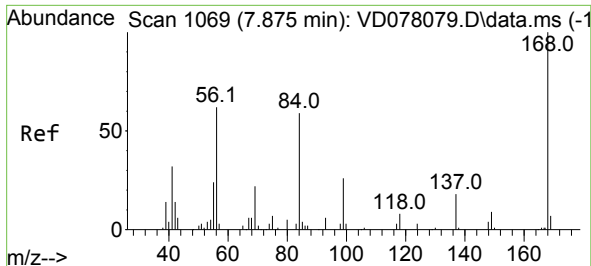
Tgt Ion: 83 Resp: 19610

Ion Ratio Lower Upper

83 100

85 52.0 53.4 80.2#

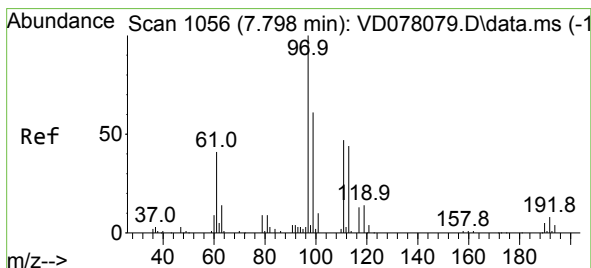
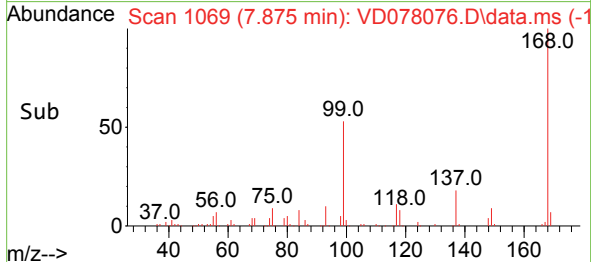
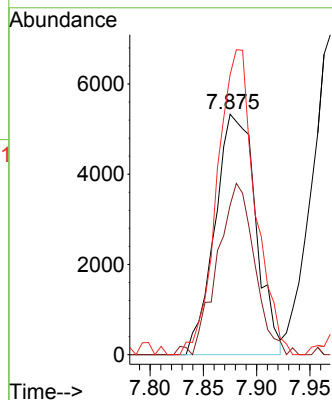
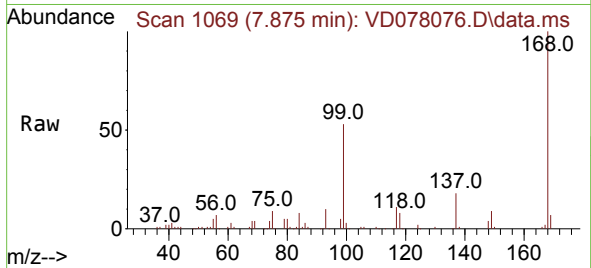




#31
Cyclohexane
Concen: 5.621 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

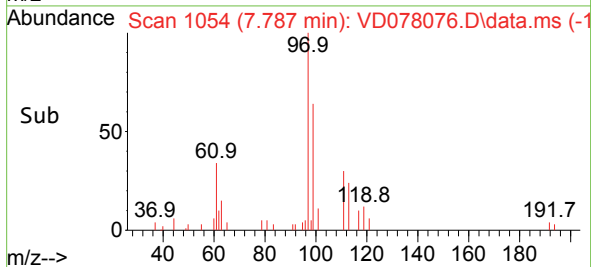
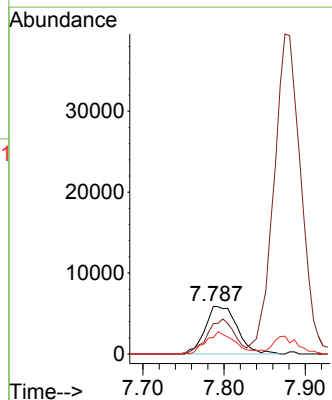
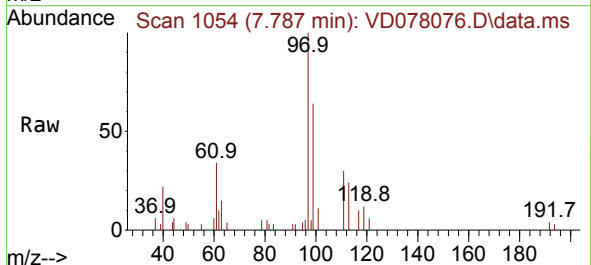
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

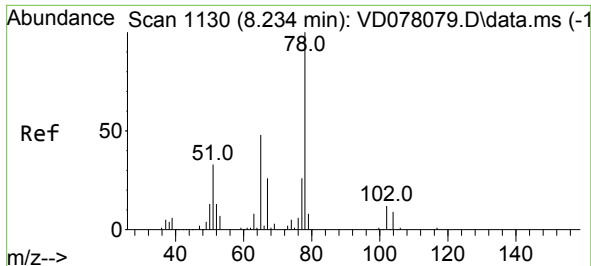
Tgt Ion: 56 Resp: 14184
Ion Ratio Lower Upper
56 100
69 58.7 28.6 43.0#
84 116.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.156 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.012 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 97 Resp: 16119
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.643 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

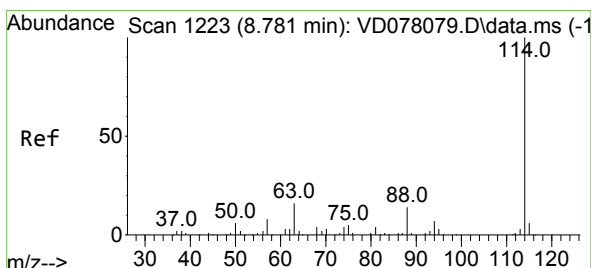
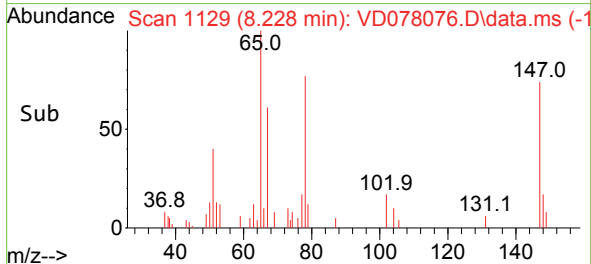
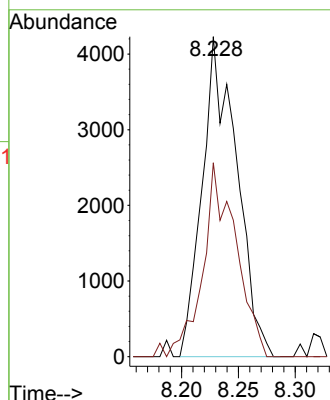
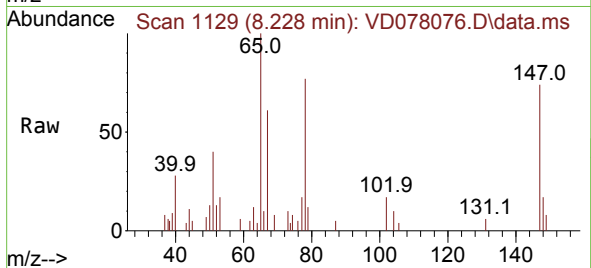
VSTDIC005

Tgt Ion: 65 Resp: 8925

Ion Ratio Lower Upper

65 100

67 58.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

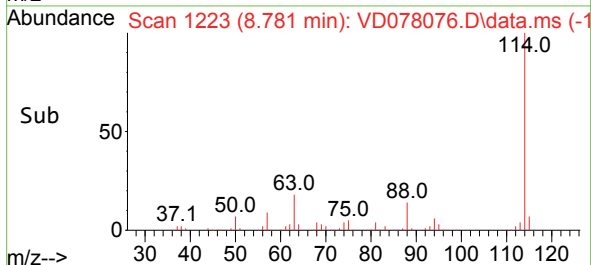
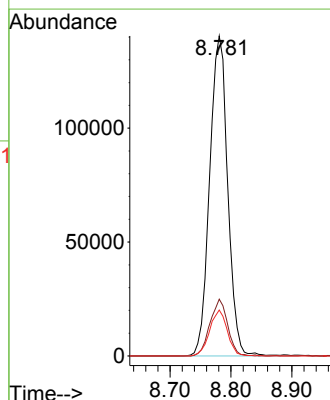
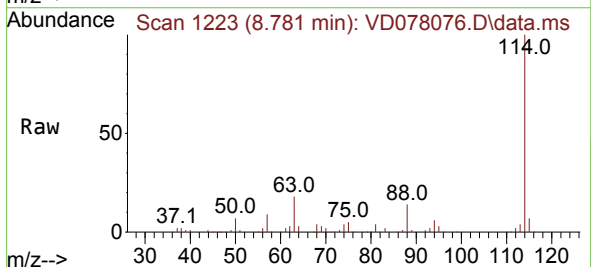
Tgt Ion: 114 Resp: 289186

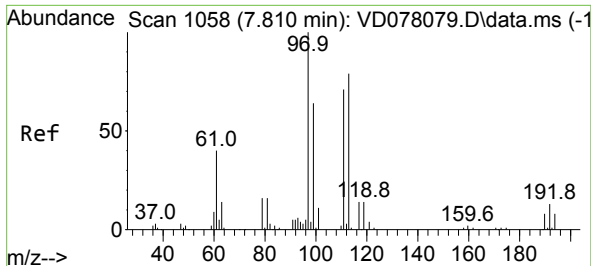
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.3 0.0 26.2

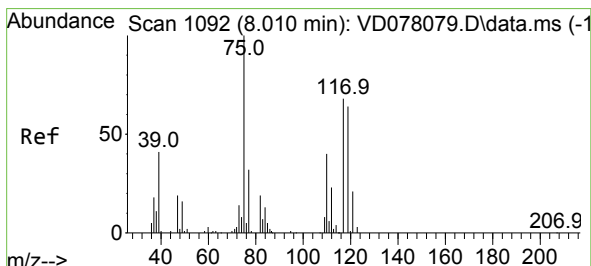
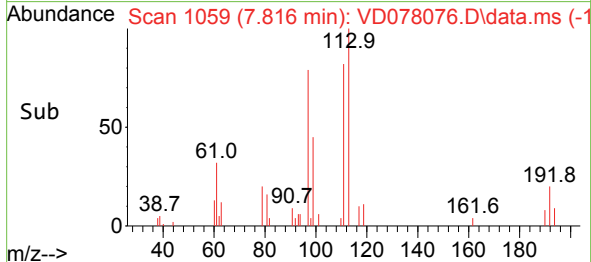
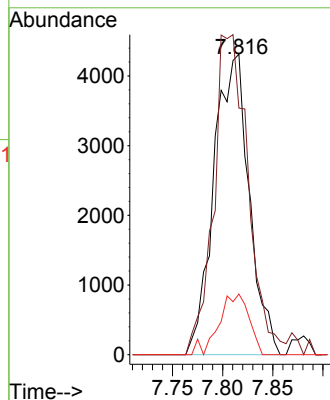
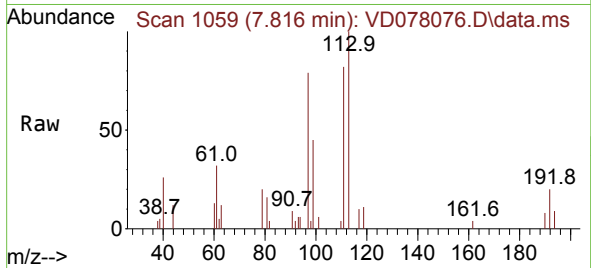




#35
Dibromofluoromethane
Concen: 5.691 ug/l
RT: 7.816 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

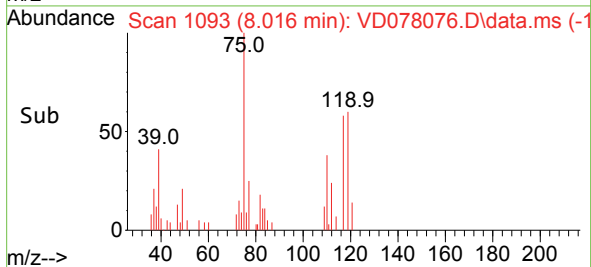
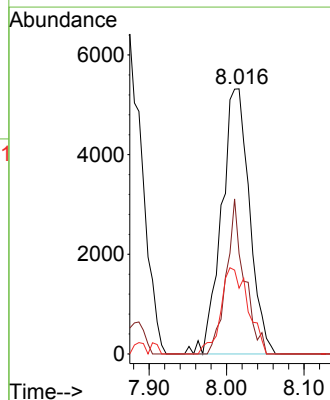
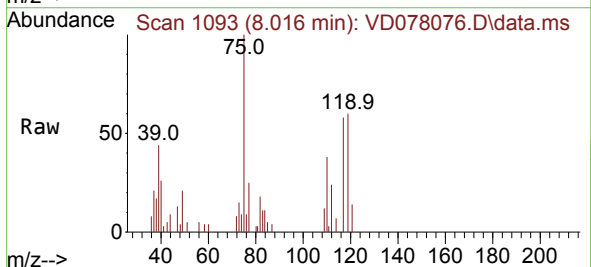
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

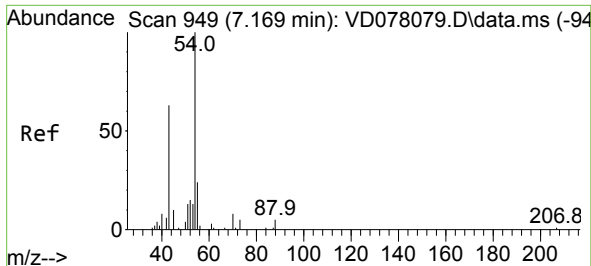
Tgt Ion:113 Resp: 10589
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 17.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.101 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 75 Resp: 13355
Ion Ratio Lower Upper
75 100
110 37.8 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 6.400 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

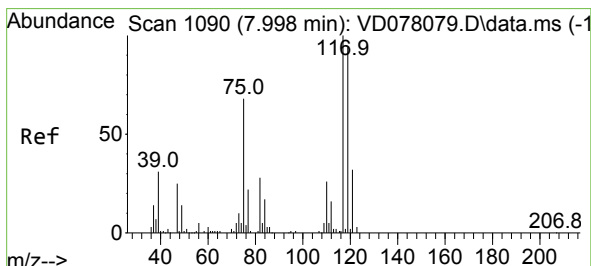
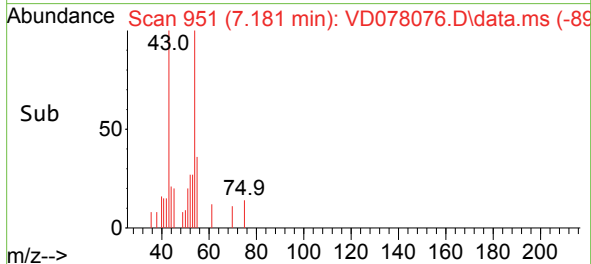
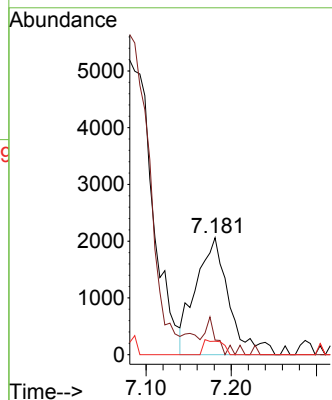
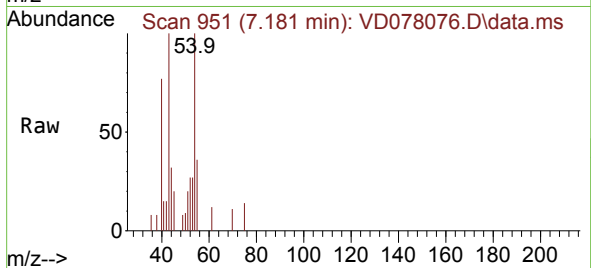
Tgt Ion: 43 Resp: 5573

Ion Ratio Lower Upper

43 100

61 12.0 14.9 22.3#

70 7.1 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 5.254 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

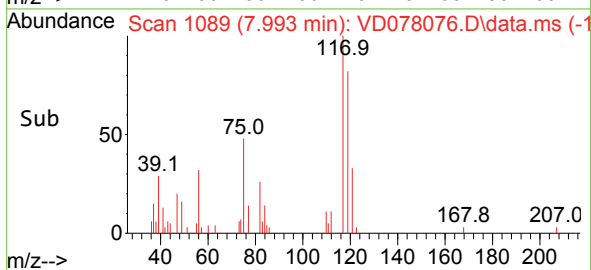
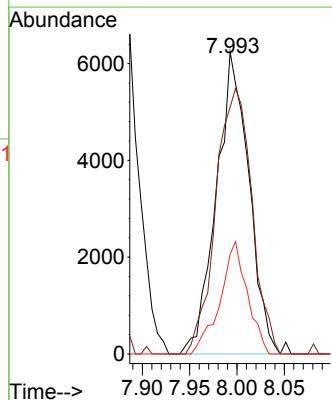
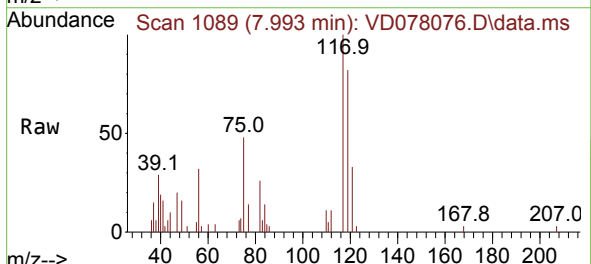
Tgt Ion: 117 Resp: 14904

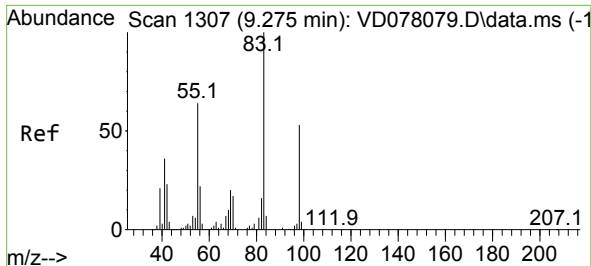
Ion Ratio Lower Upper

117 100

119 81.7 78.0 117.0

121 33.0 24.2 36.2





#39

Methylcyclohexane

Concen: 4.960 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

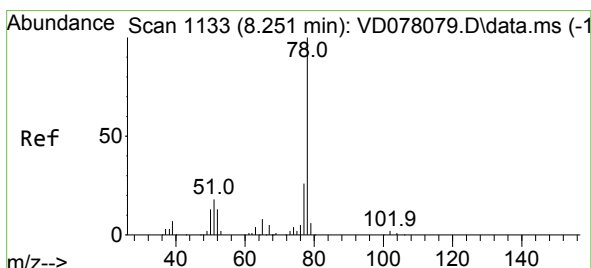
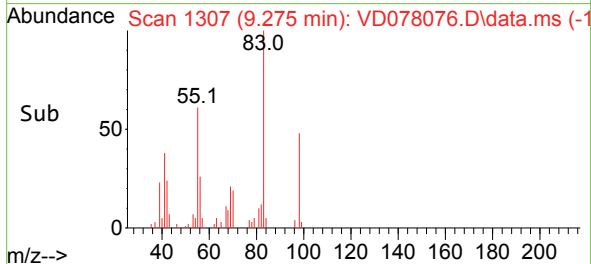
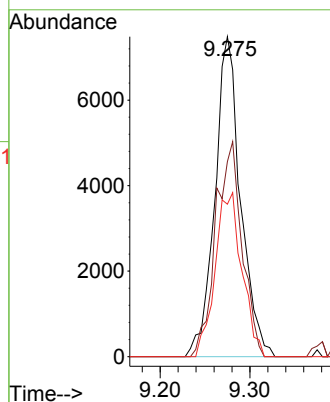
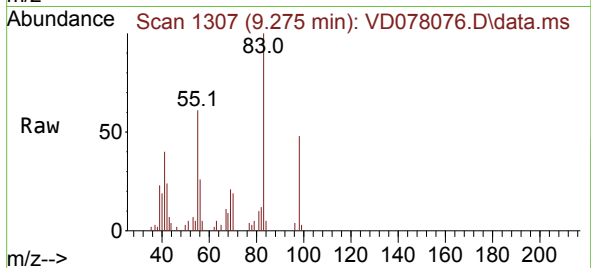
Tgt Ion: 83 Resp: 14887

Ion Ratio Lower Upper

83 100

55 61.0 49.4 74.0

98 47.6 38.4 57.6



#40

Benzene

Concen: 5.047 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078076.D

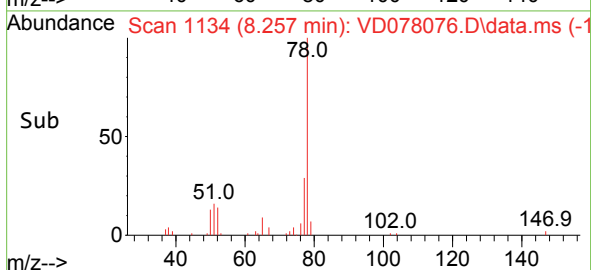
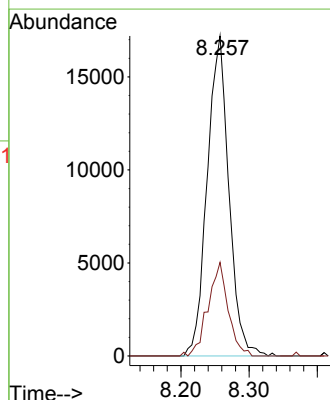
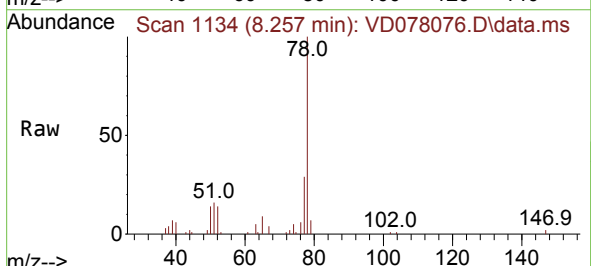
Acq: 26 Dec 2023 11:11

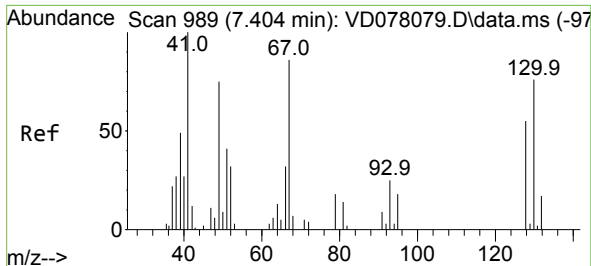
Tgt Ion: 78 Resp: 38081

Ion Ratio Lower Upper

78 100

77 29.3 19.4 29.0#

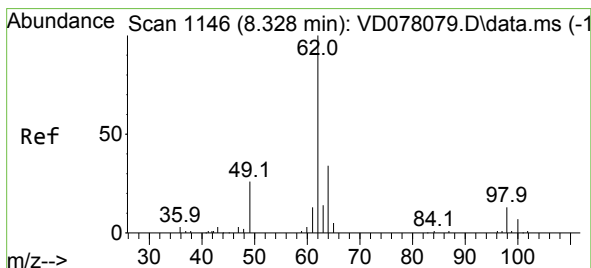
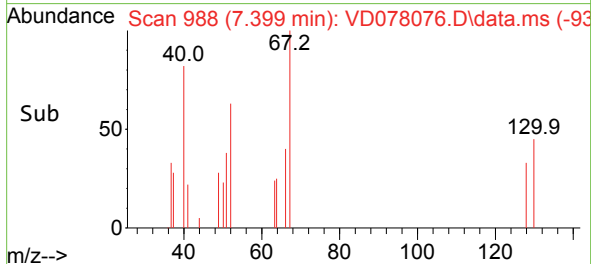
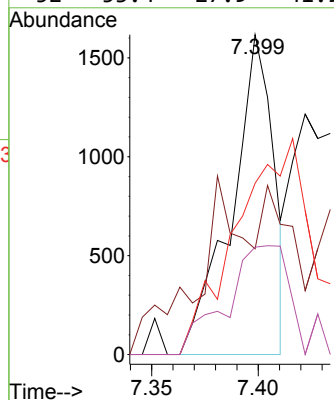
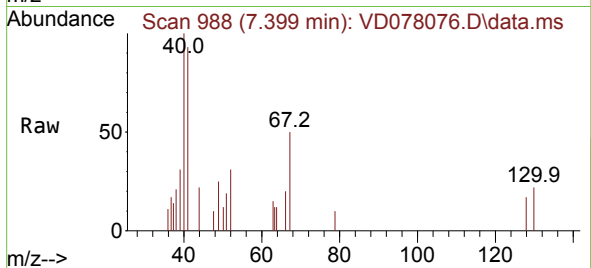




#41
Methacrylonitrile
Concen: 4.037 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

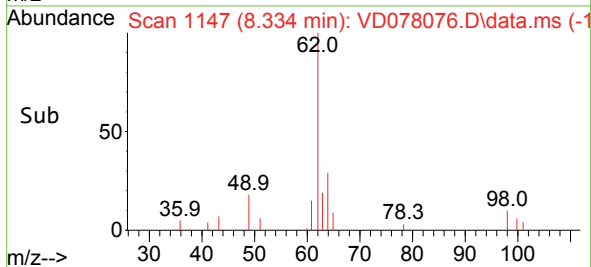
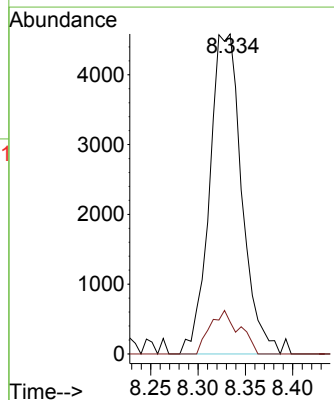
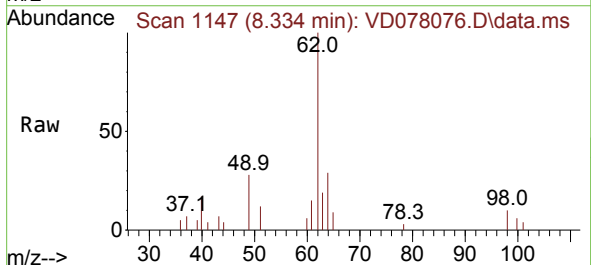
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

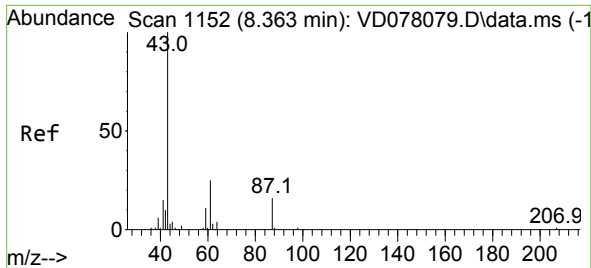
Tgt Ion: 41 Resp: 2226
Ion Ratio Lower Upper
41 100
39 18.9 34.0 51.0#
67 0.0 77.0 115.4#
52 53.4 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.320 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 62 Resp: 10848
Ion Ratio Lower Upper
62 100
98 12.3 0.0 25.4

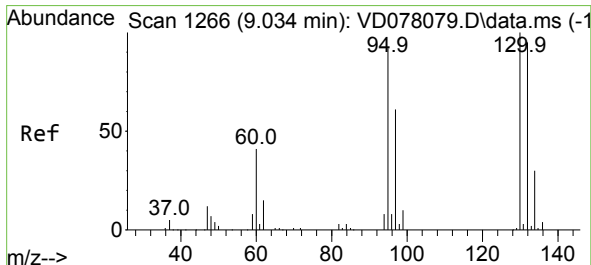
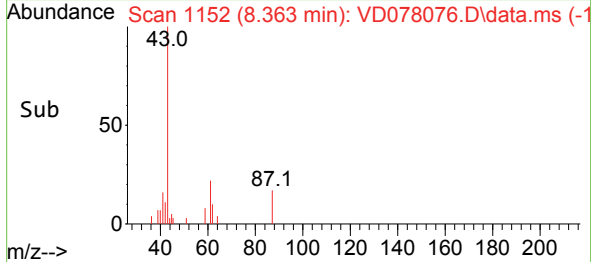
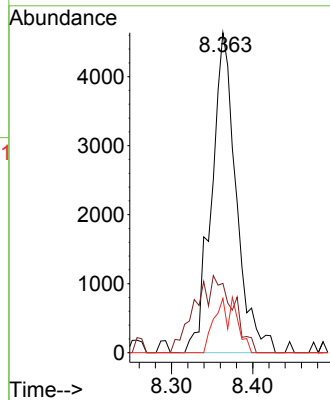
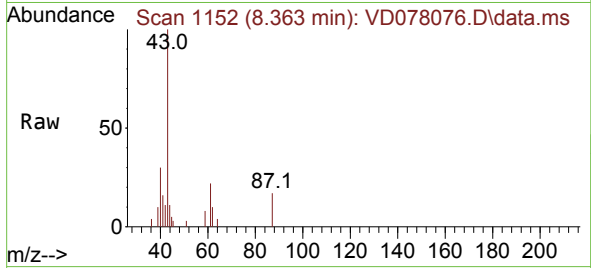




#43
Isopropyl Acetate
Concen: 5.634 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

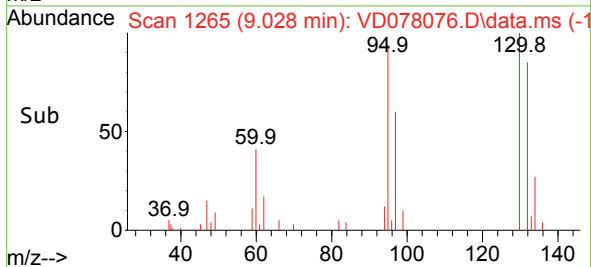
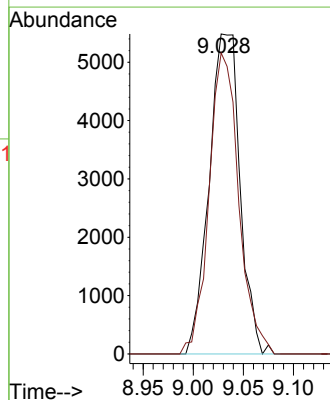
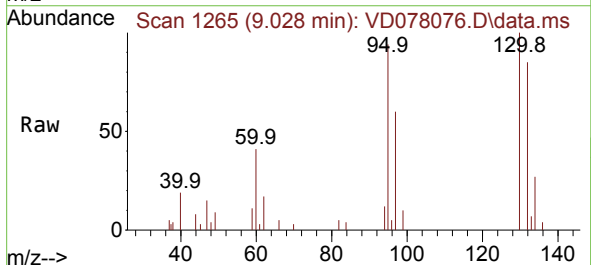
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

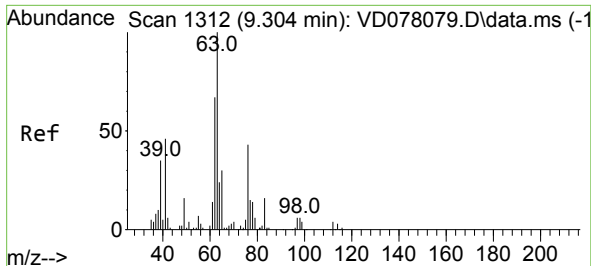
Tgt Ion: 43 Resp: 9821
Ion Ratio Lower Upper
43 100
61 37.1 31.4 47.0
87 8.9 14.9 22.3#



#44
Trichloroethene
Concen: 5.432 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:130 Resp: 11792
Ion Ratio Lower Upper
130 100
95 94.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.501 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

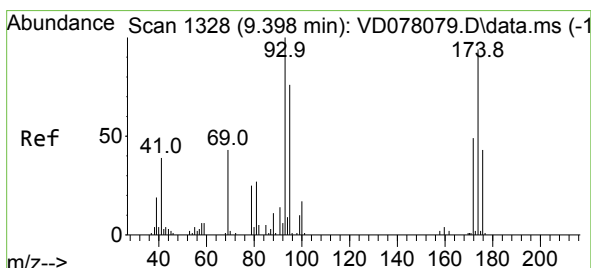
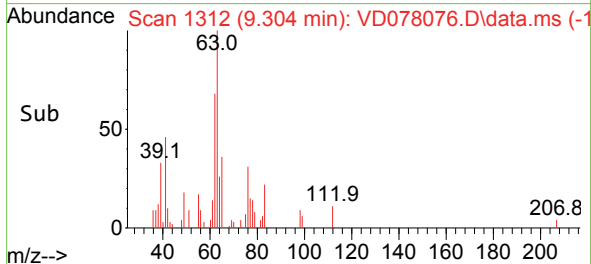
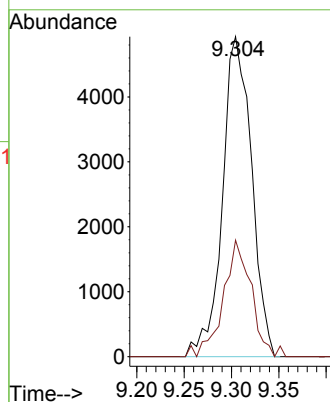
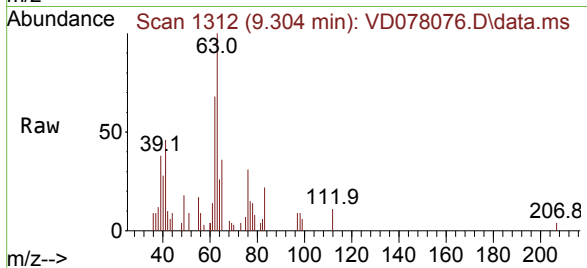
VSTDIC005

Tgt Ion: 63 Resp: 10518

Ion Ratio Lower Upper

63 100

65 36.4 24.5 36.7



#46

Dibromomethane

Concen: 5.041 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

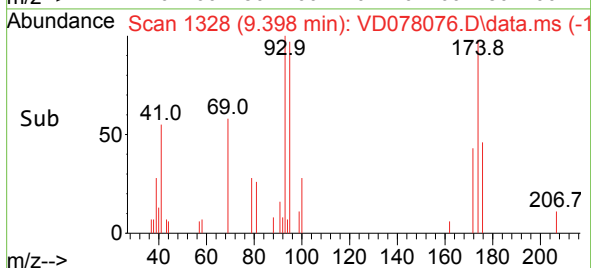
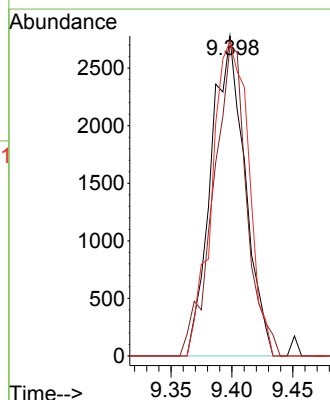
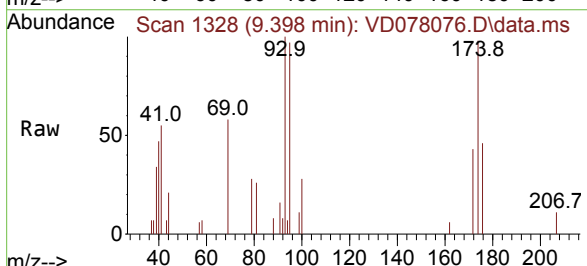
Tgt Ion: 93 Resp: 5399

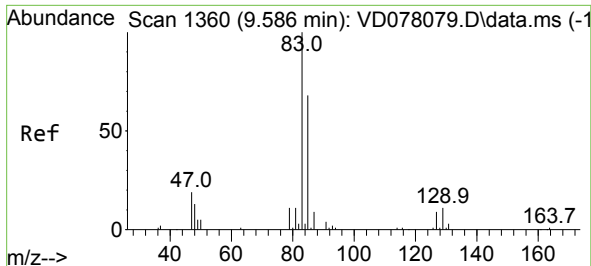
Ion Ratio Lower Upper

93 100

95 95.2 67.7 101.5

174 105.9 85.4 128.2

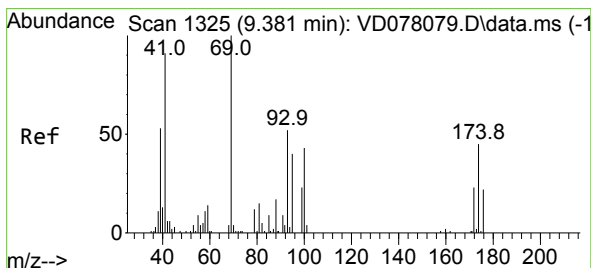
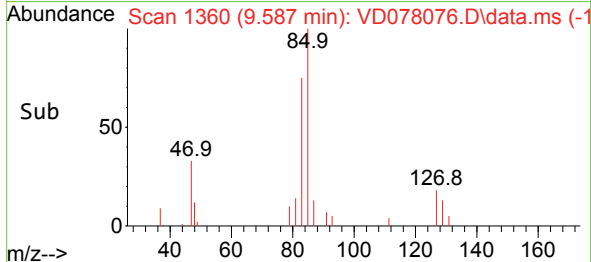
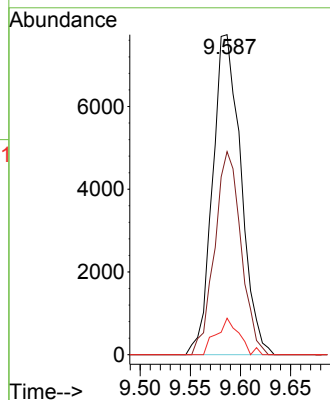
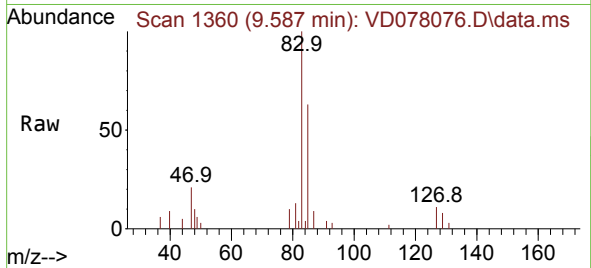




#47
Bromodichloromethane
Concen: 5.456 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

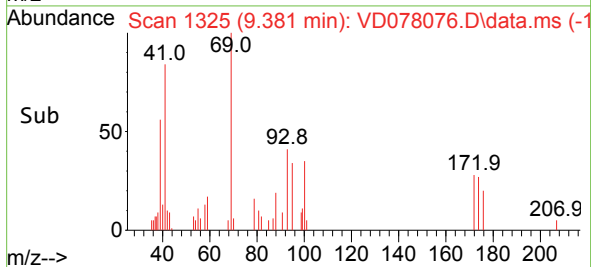
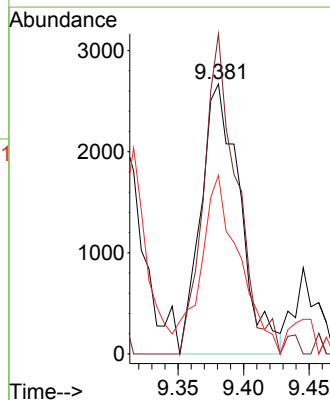
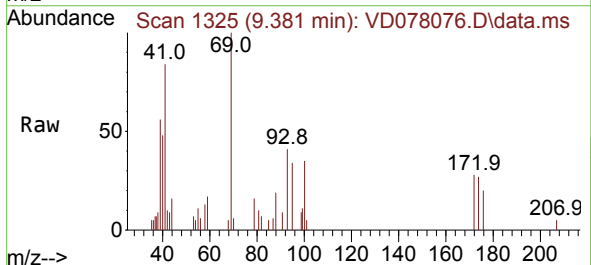
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

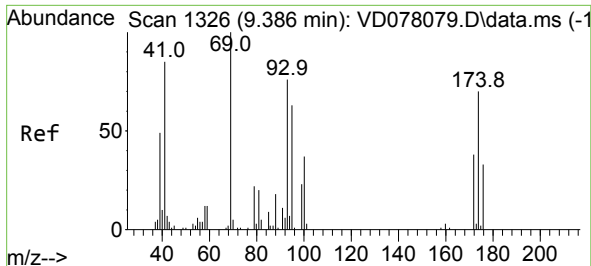
Tgt Ion: 83 Resp: 15179
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 11.4 6.3 9.5#



#48
Methyl methacrylate
Concen: 5.644 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 41 Resp: 5545
Ion Ratio Lower Upper
41 100
69 102.8 102.2 153.2
39 65.2 41.4 62.2#





#49

1,4-Dioxane

Concen: 121.791 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

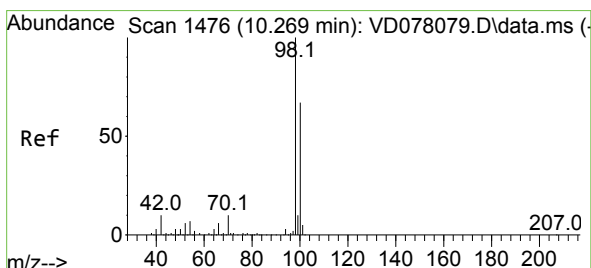
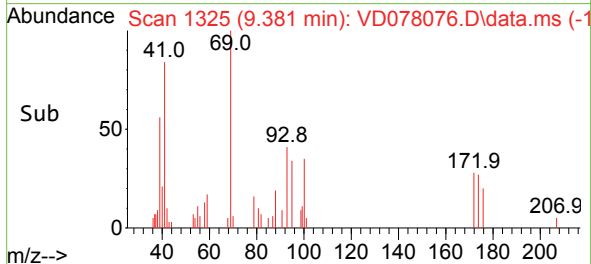
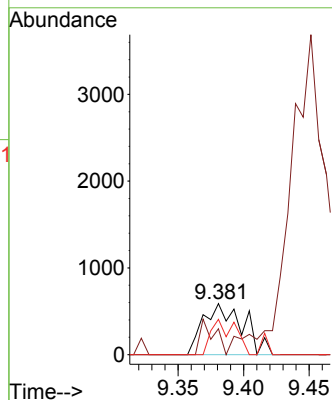
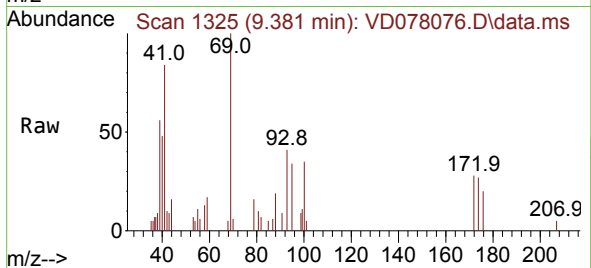
Tgt Ion: 88 Resp: 1233

Ion Ratio Lower Upper

88 100

43 25.4 19.0 28.6

58 41.7 43.5 65.3#



#50

Toluene-d8

Concen: 5.062 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078076.D

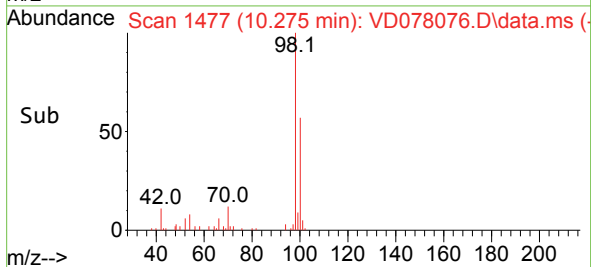
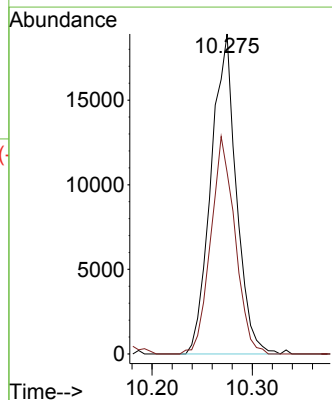
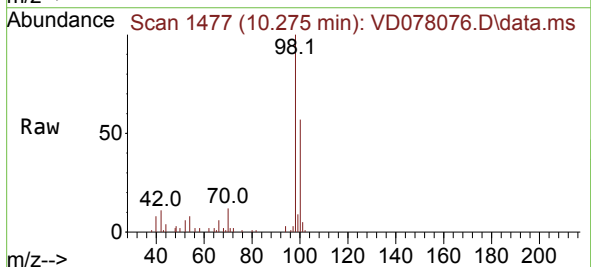
Acq: 26 Dec 2023 11:11

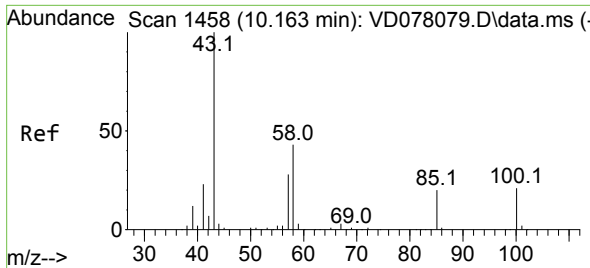
Tgt Ion: 98 Resp: 33143

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

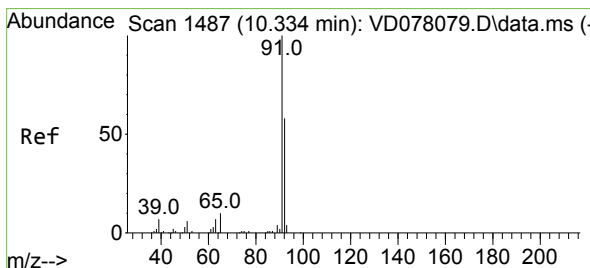
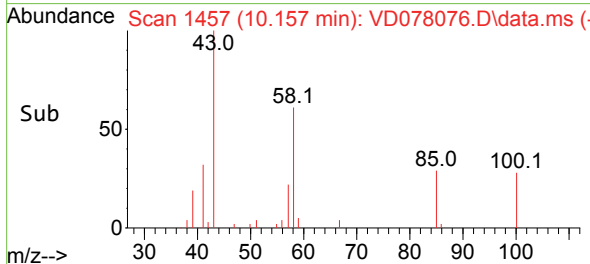
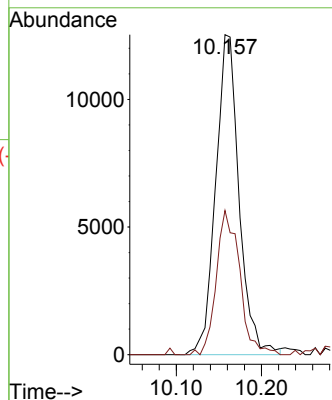
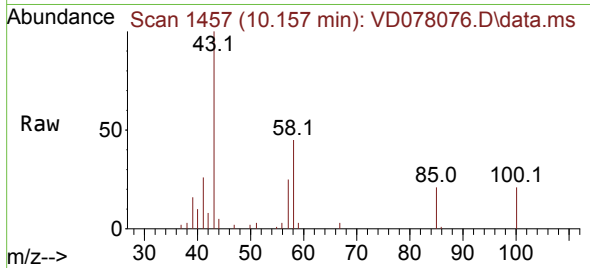




#51
4-Methyl-2-Pentanone
Concen: 26.727 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

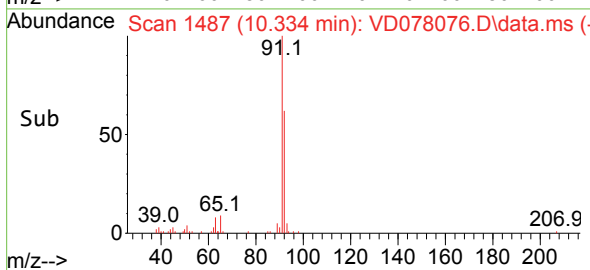
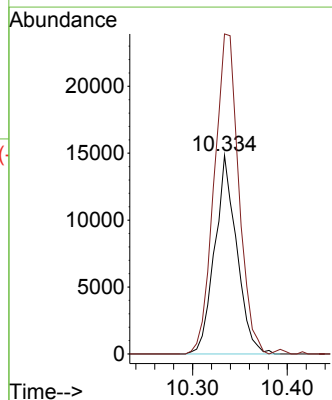
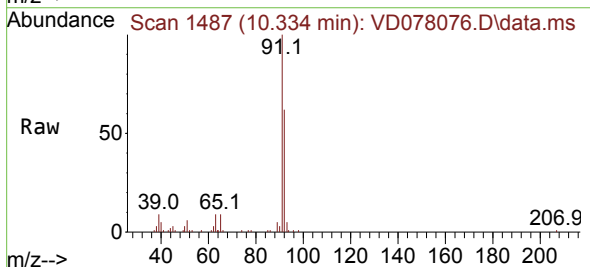
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

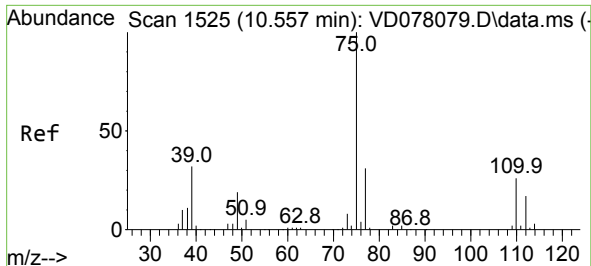
Tgt Ion: 43 Resp: 23908
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 4.898 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 92 Resp: 23974
Ion Ratio Lower Upper
92 100
91 179.6 143.0 214.4

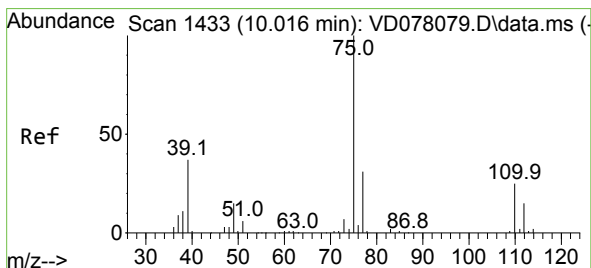
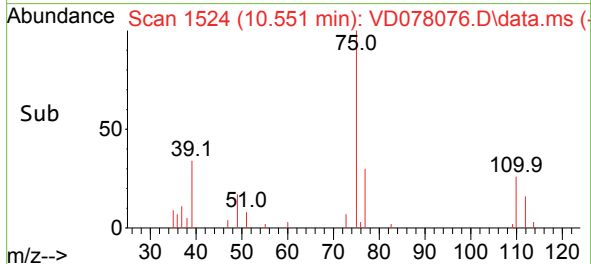
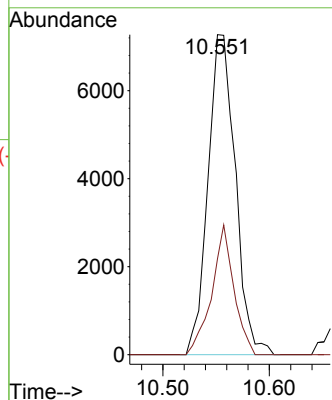
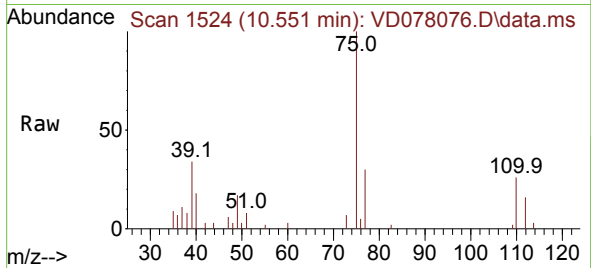




#53
 t-1,3-Dichloropropene
 Concen: 5.139 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

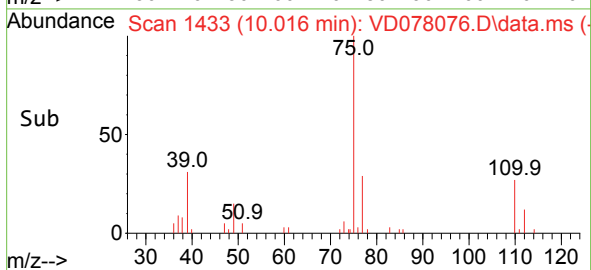
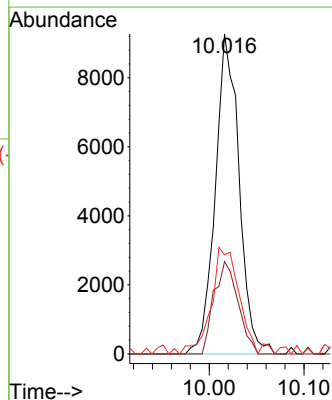
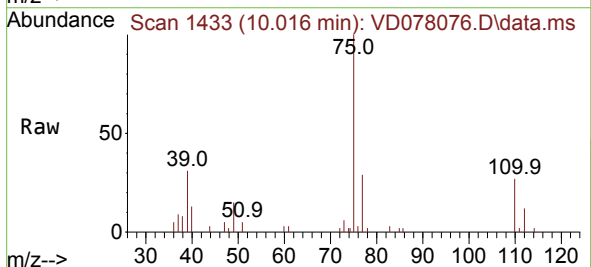
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

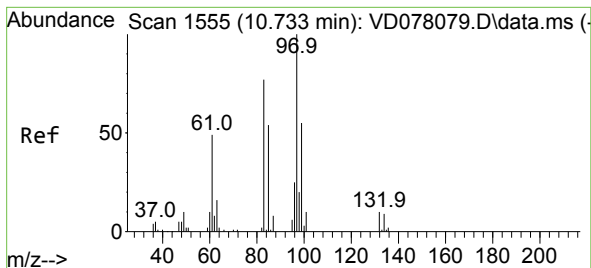
Tgt Ion: 75 Resp: 12970
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 5.334 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

Tgt Ion: 75 Resp: 16168
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3
 39 31.0 22.1 33.1

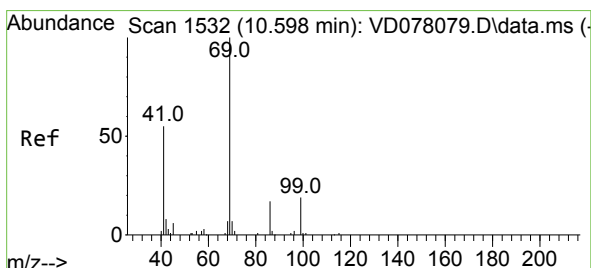
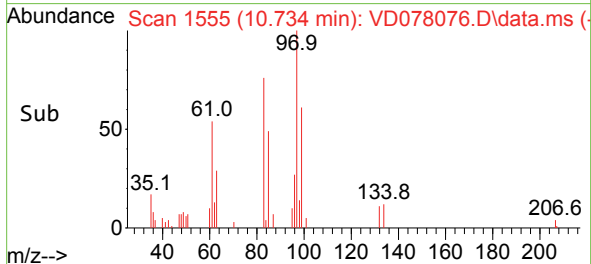
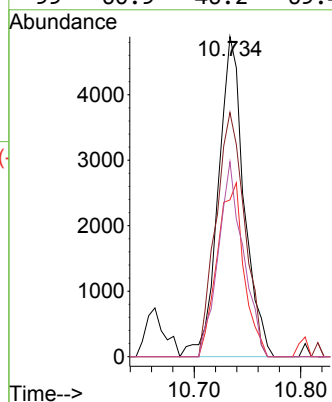
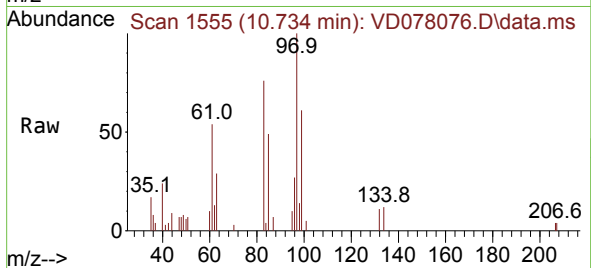




#55
1,1,2-Trichloroethane
Concen: 5.466 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

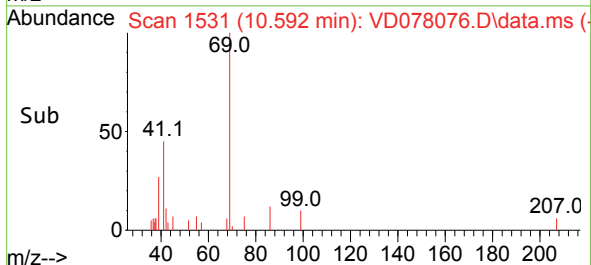
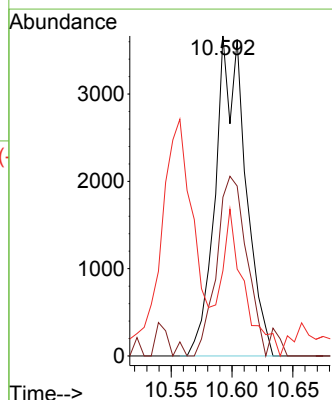
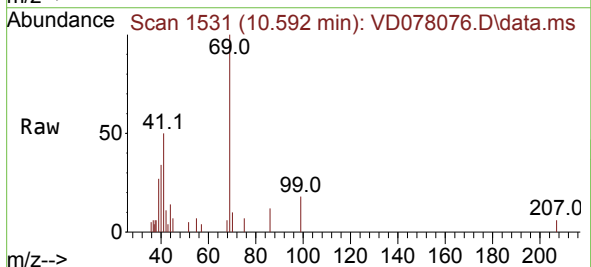
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

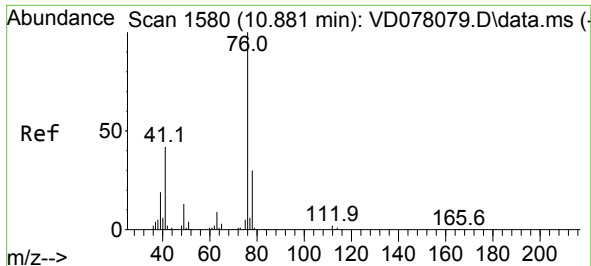
Tgt Ion:	97	Resp:	8237
Ion	Ratio	Lower	Upper
97	100		
83	76.3	65.8	98.6
85	49.0	45.7	68.5
99	60.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 5.266 ug/l
RT: 10.592 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:	69	Resp:	6298
Ion	Ratio	Lower	Upper
69	100		
41	56.1	39.1	58.7
39	35.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 5.310 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

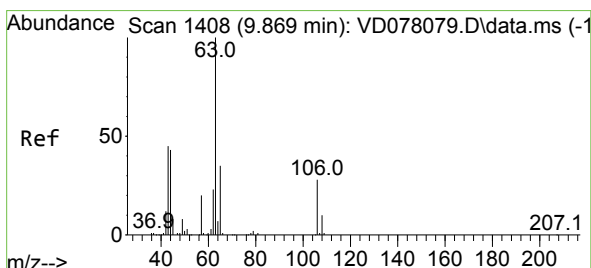
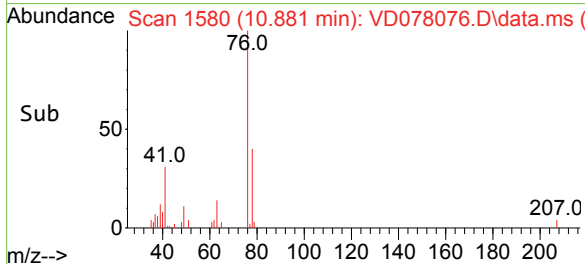
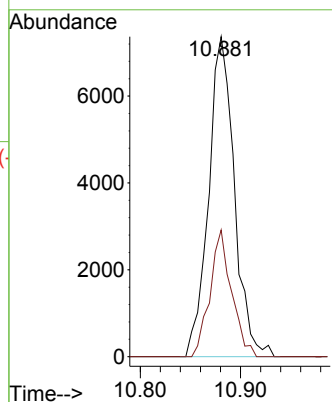
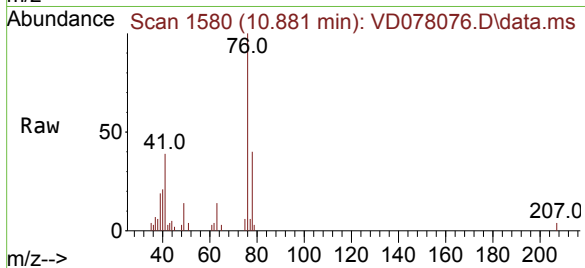
VSTDIC005

Tgt Ion: 76 Resp: 13147

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.687 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078076.D

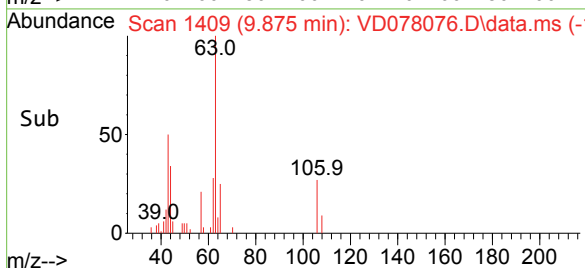
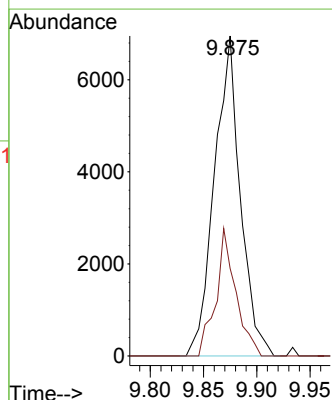
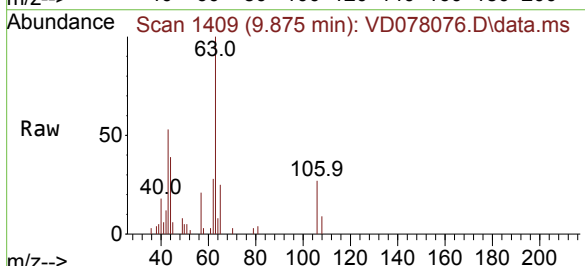
Acq: 26 Dec 2023 11:11

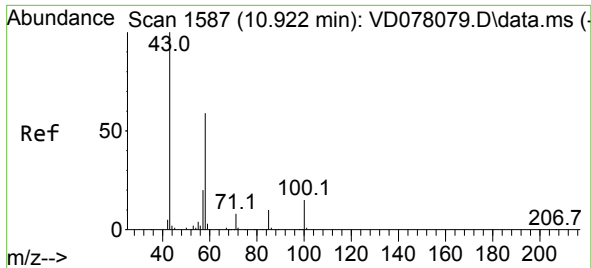
Tgt Ion: 63 Resp: 11747

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

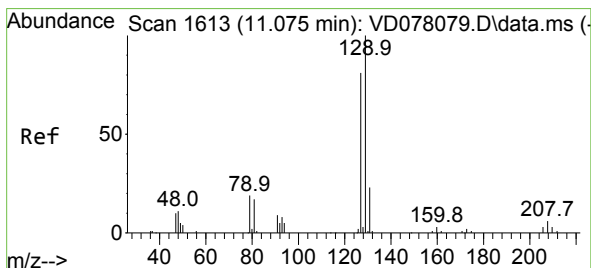
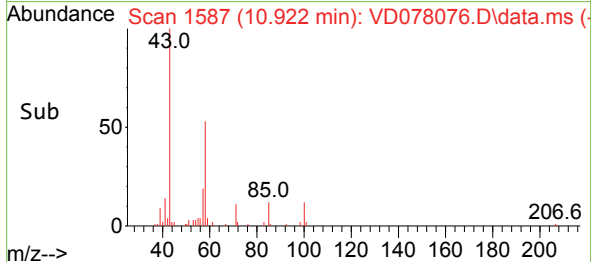
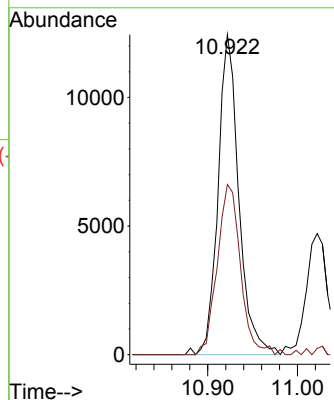
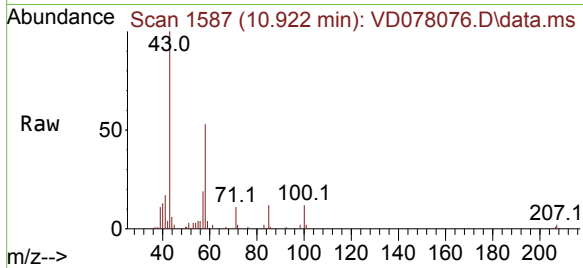




#59
2-Hexanone
Concen: 28.761 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

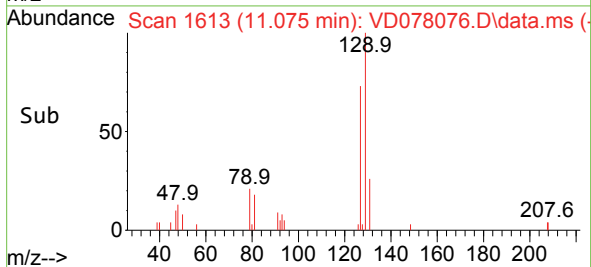
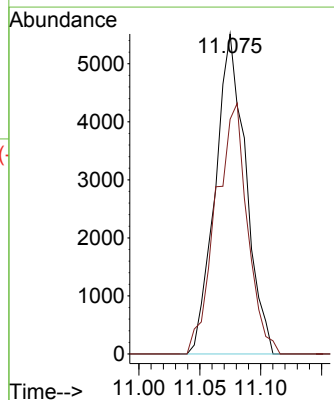
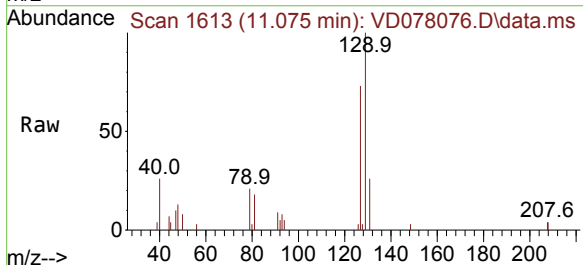
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

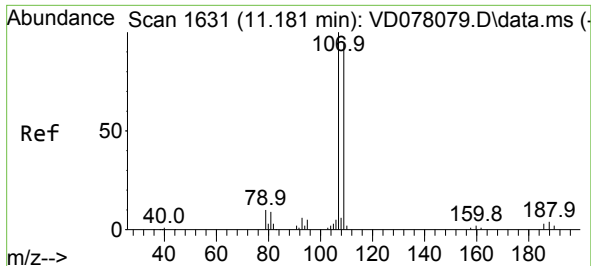
Tgt Ion: 43 Resp: 19984
Ion Ratio Lower Upper
43 100
58 59.8 34.1 102.2



#60
Dibromochloromethane
Concen: 4.997 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 129 Resp: 9593
Ion Ratio Lower Upper
129 100
127 81.6 37.1 111.5

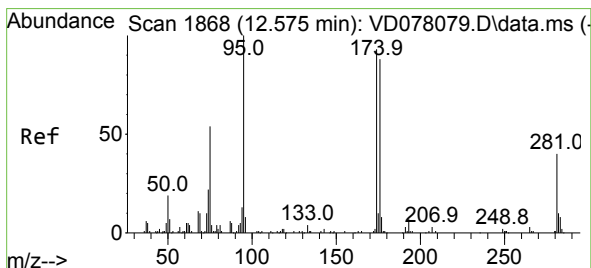
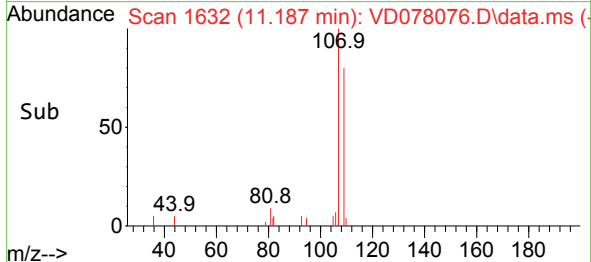
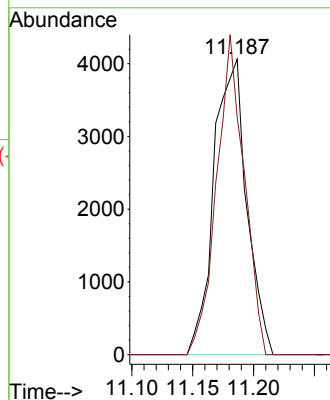
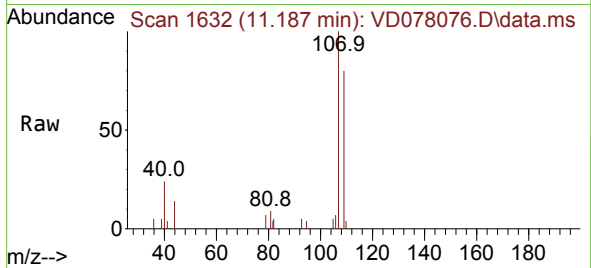




#61
1,2-Dibromoethane
Concen: 5.276 ug/l
RT: 11.187 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

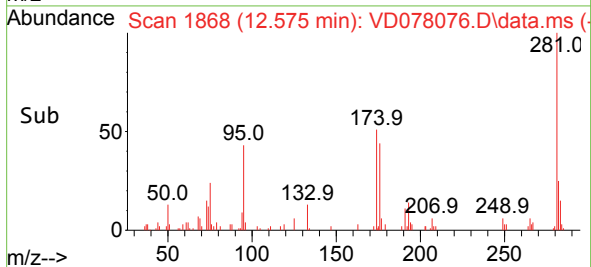
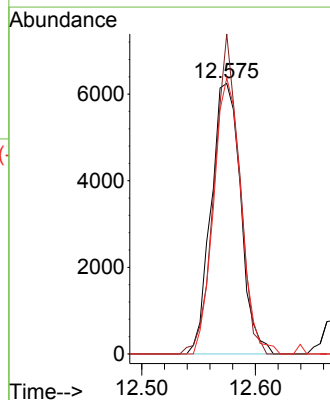
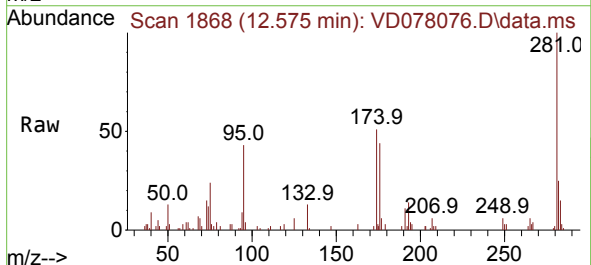
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

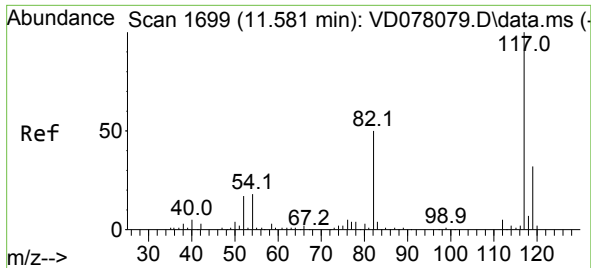
Tgt Ion:107 Resp: 7623
Ion Ratio Lower Upper
107 100
109 90.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.355 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 95 Resp: 11281
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.8
176 95.2 0.0 191.8

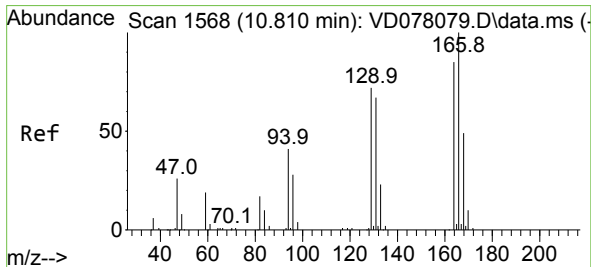
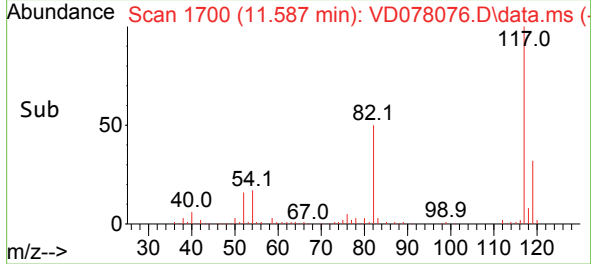
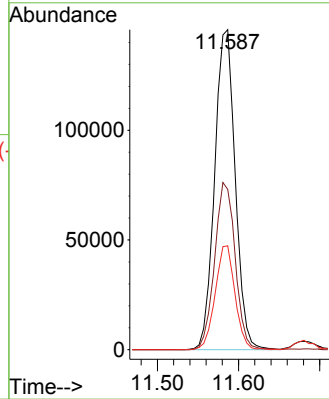
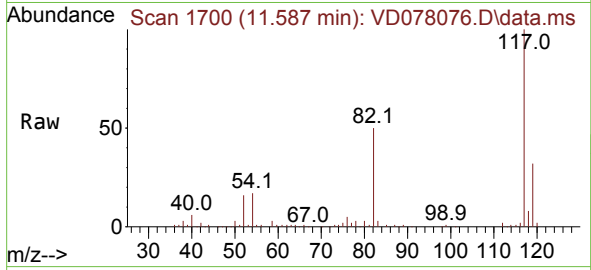




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

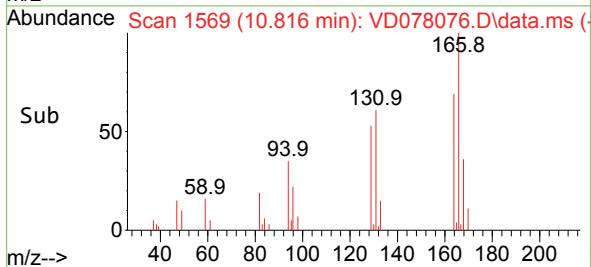
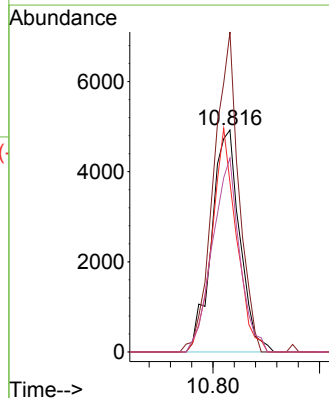
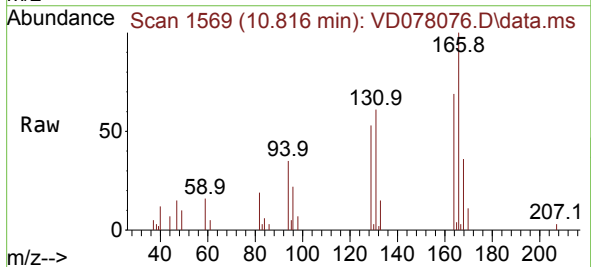
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

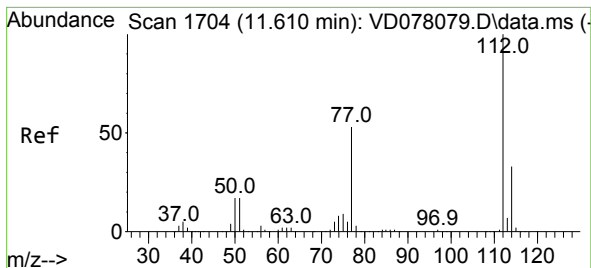
Tgt Ion:117 Resp: 256935
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 5.197 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:164 Resp: 9022
Ion Ratio Lower Upper
164 100
166 144.2 99.2 148.8
129 76.4 68.4 102.6
131 87.4 63.8 95.8

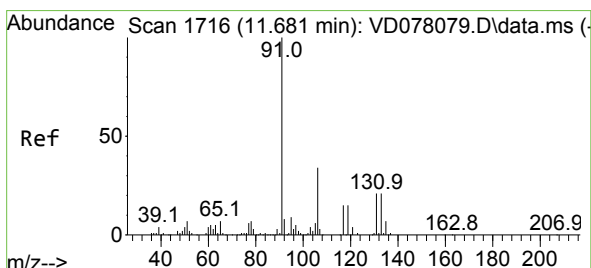
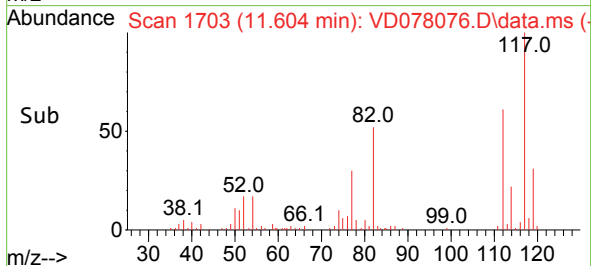
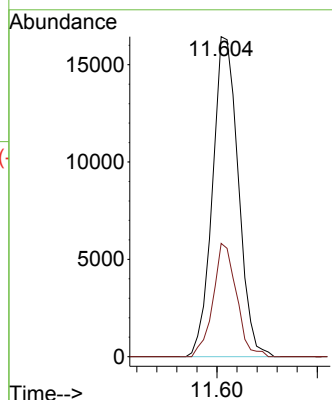
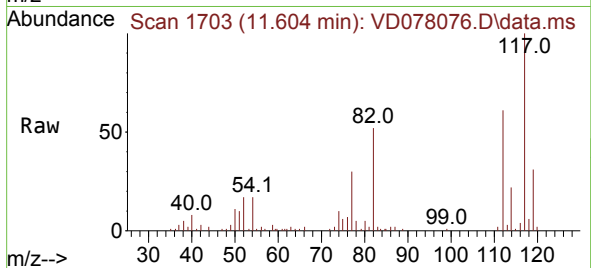




#65
Chlorobenzene
Concen: 5.366 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

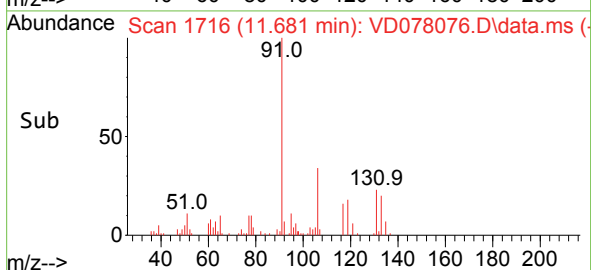
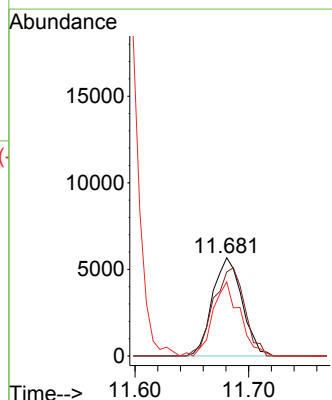
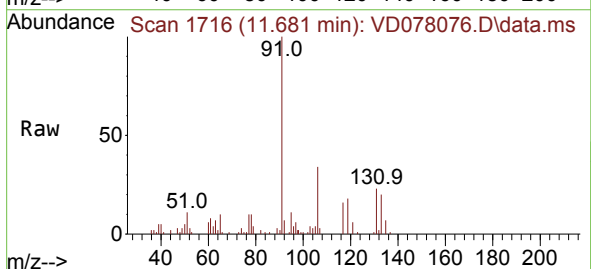
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

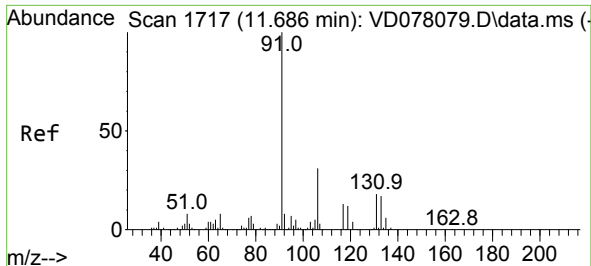
Tgt Ion:112 Resp: 29290
Ion Ratio Lower Upper
112 100
114 35.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.971 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:131 Resp: 10271
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 69.0 35.6 106.9

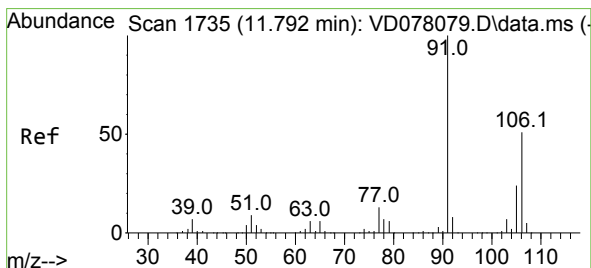
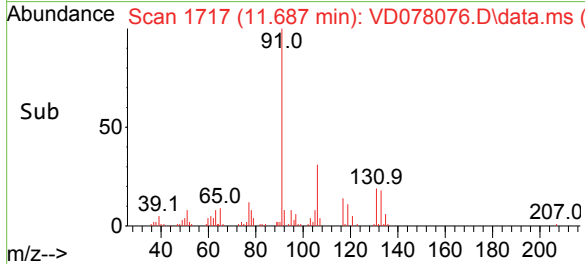
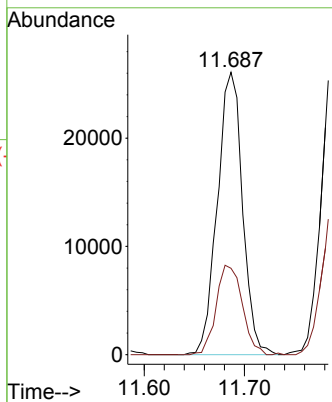
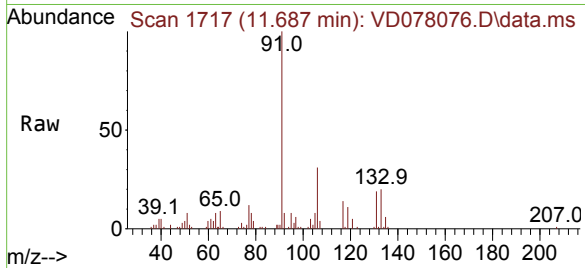




#67
Ethyl Benzene
Concen: 4.768 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

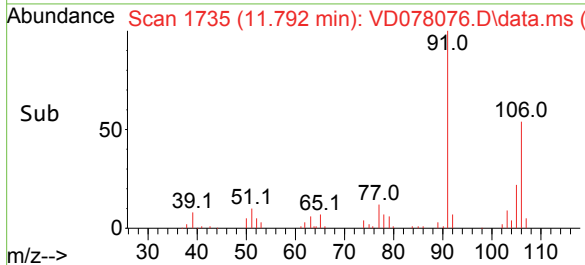
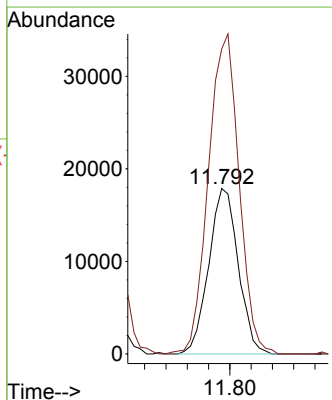
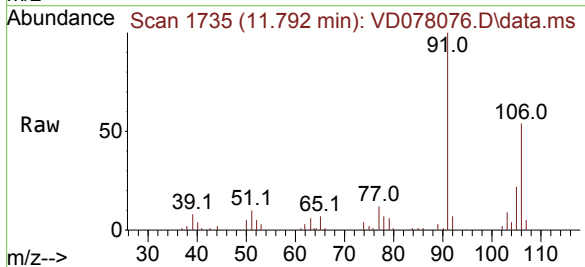
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

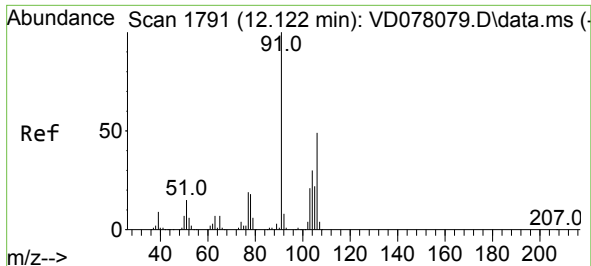
Tgt Ion: 91 Resp: 45373
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 9.294 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 106 Resp: 34421
Ion Ratio Lower Upper
106 100
91 200.5 147.0 220.6

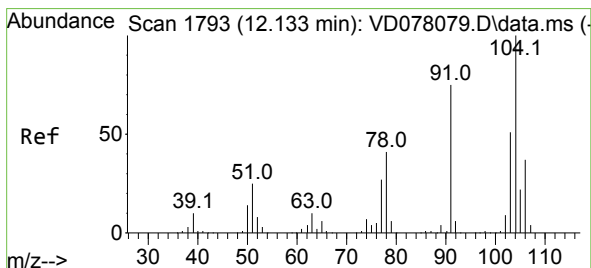
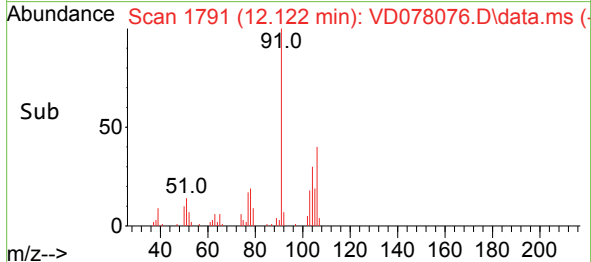
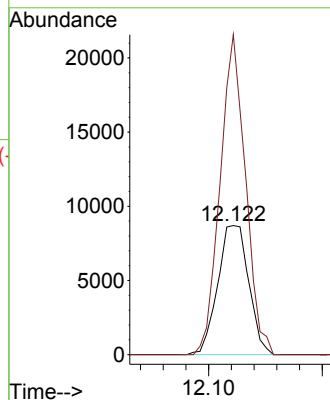
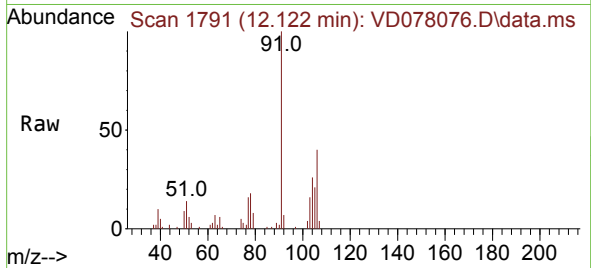




#69
o-Xylene
Concen: 4.782 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

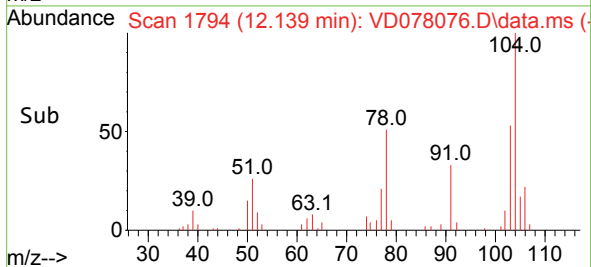
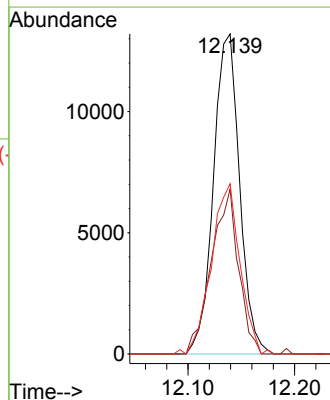
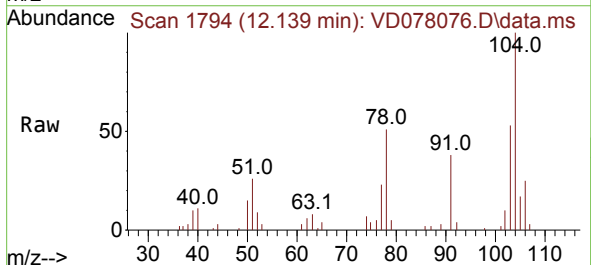
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

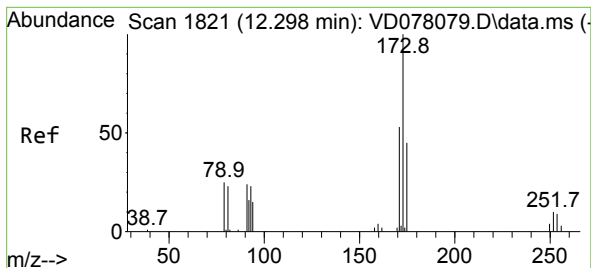
Tgt Ion:106 Resp: 16505
Ion Ratio Lower Upper
106 100
91 203.1 97.9 293.6



#70
Styrene
Concen: 4.411 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:104 Resp: 22481
Ion Ratio Lower Upper
104 100
78 53.4 33.2 49.8#
103 58.5 43.6 65.4





#71

Bromoform

Concen: 5.228 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

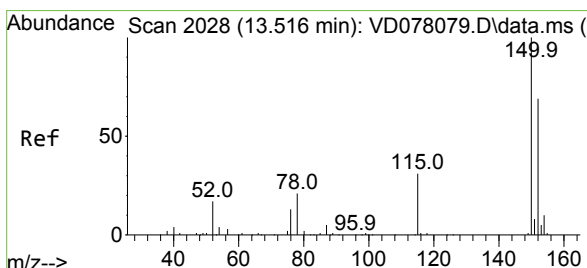
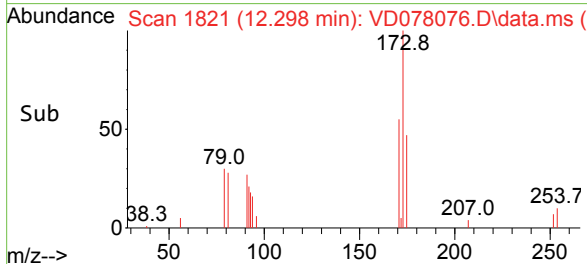
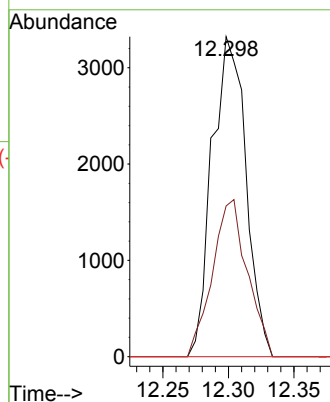
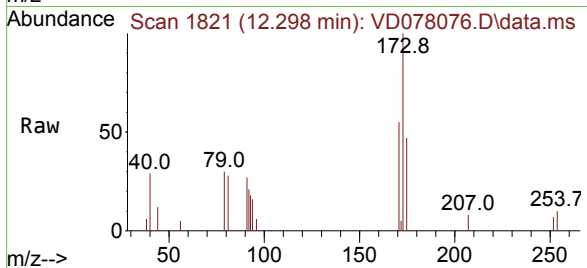
Tgt Ion:173 Resp: 5959

Ion Ratio Lower Upper

173 100

175 50.7 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

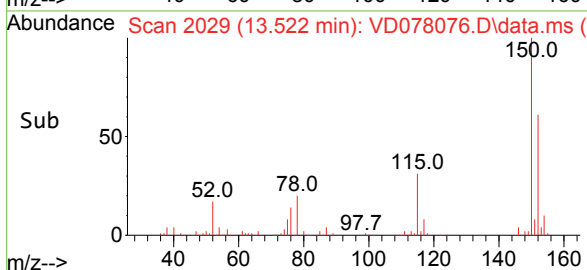
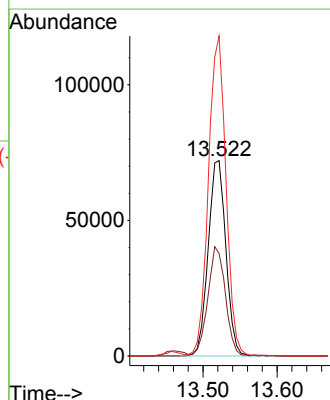
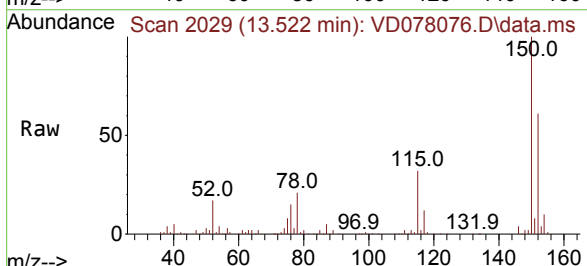
Tgt Ion:152 Resp: 119655

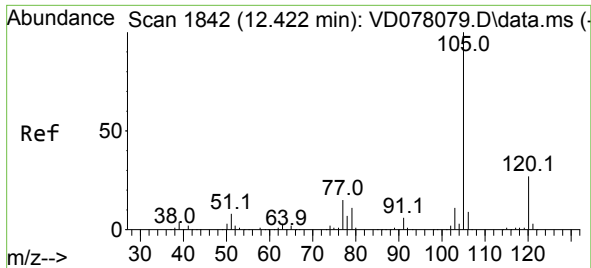
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 162.0 0.0 353.6

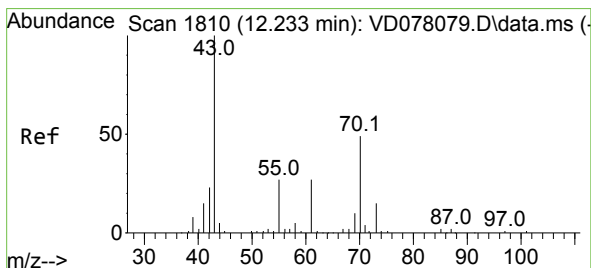
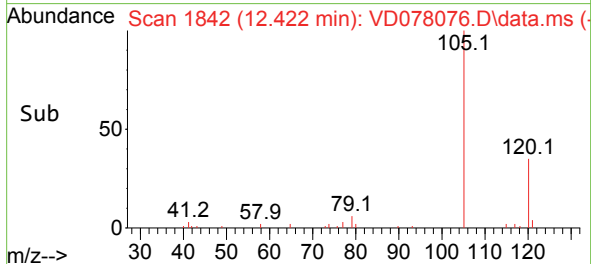
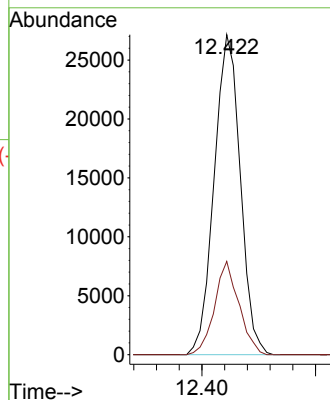
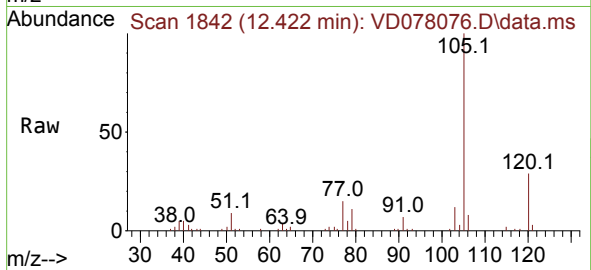




#73
Isopropylbenzene
Concen: 5.254 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

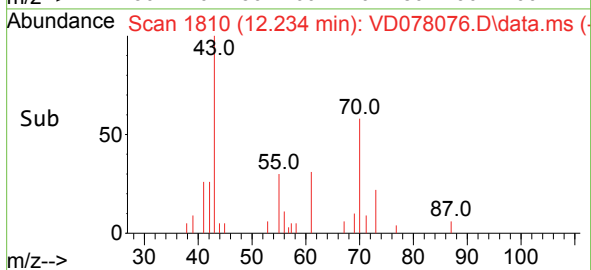
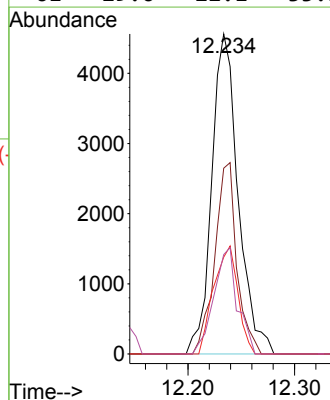
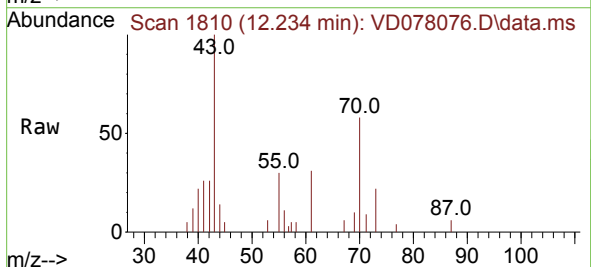
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

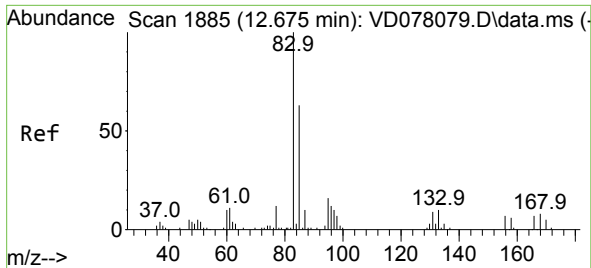
Tgt Ion:105 Resp: 43302
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 5.738 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 43 Resp: 7850
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 30.9 23.8 35.6
61 29.6 22.1 33.1

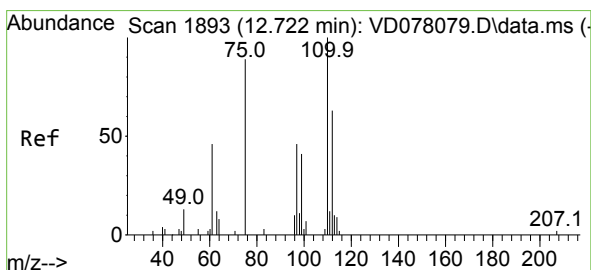
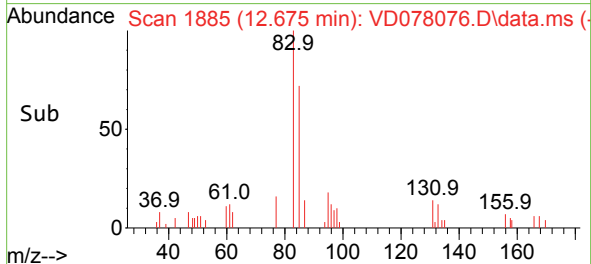
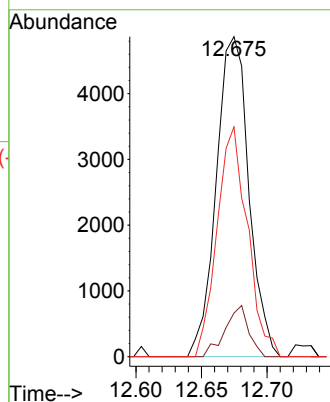
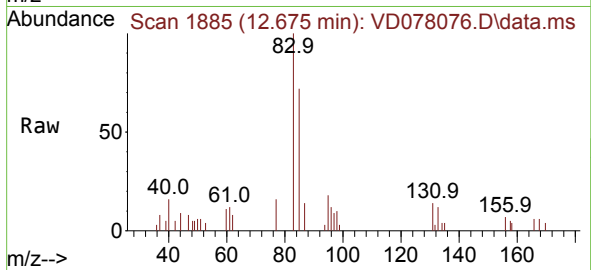




#75
1,1,2,2-Tetrachloroethane
Concen: 5.617 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

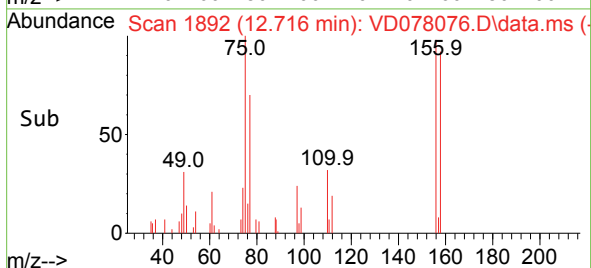
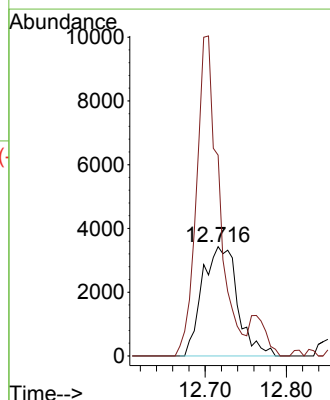
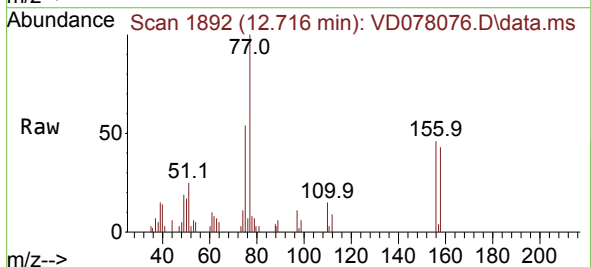
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

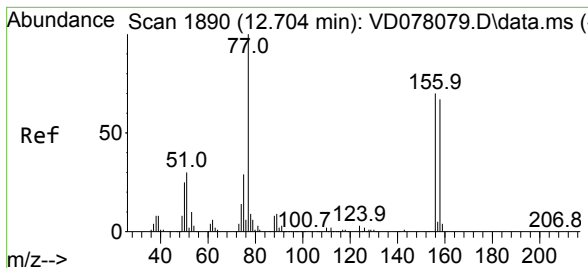
Tgt Ion: 83 Resp: 8414
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 66.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 10.722 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 75 Resp: 10364
Ion Ratio Lower Upper
75 100
77 187.9 0.0 0.0#





#77

Bromobenzene

Concen: 5.347 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

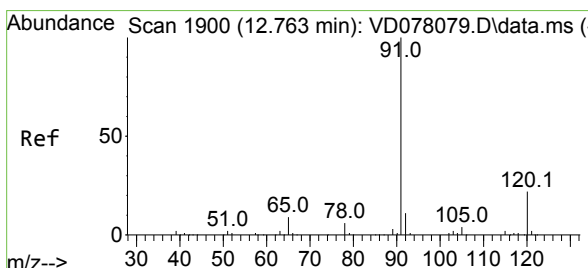
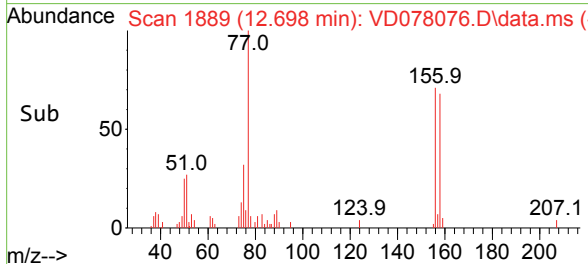
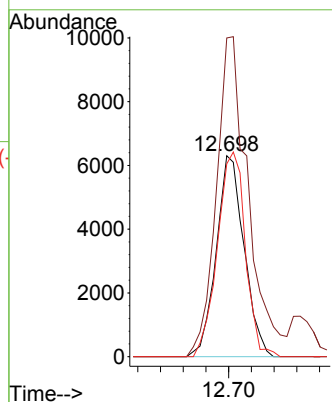
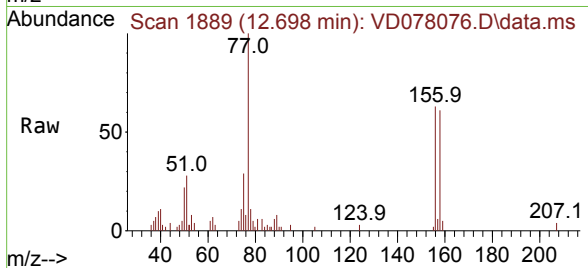
Tgt Ion:156 Resp: 10720

Ion Ratio Lower Upper

156 100

77 181.7 76.8 230.4

158 102.1 48.6 145.9



#78

n-propylbenzene

Concen: 5.312 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078076.D

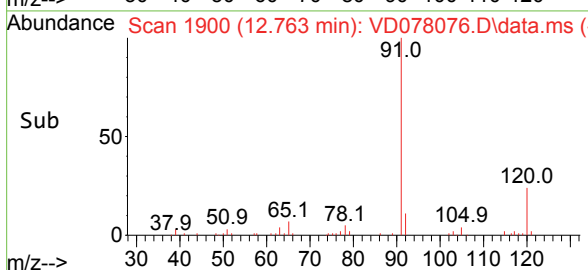
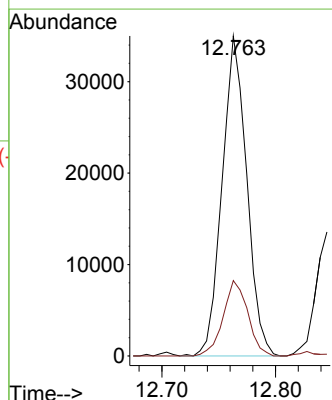
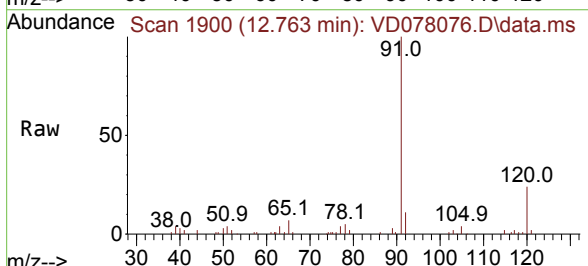
Acq: 26 Dec 2023 11:11

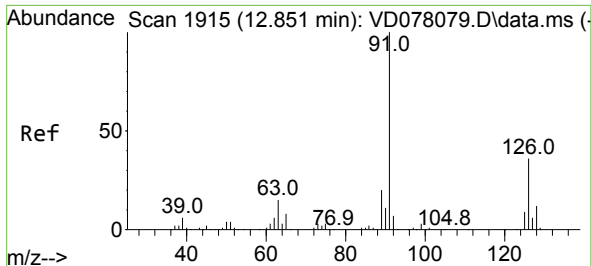
Tgt Ion: 91 Resp: 52695

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.2

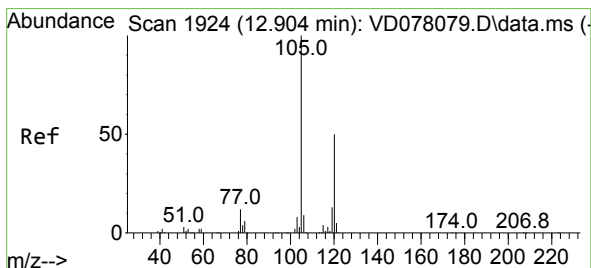
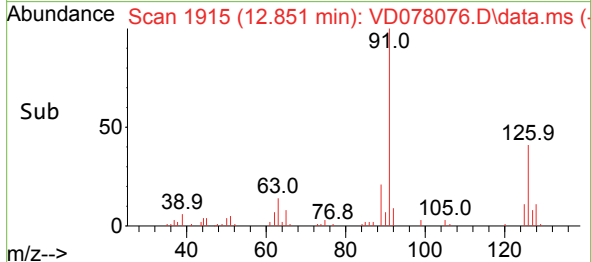
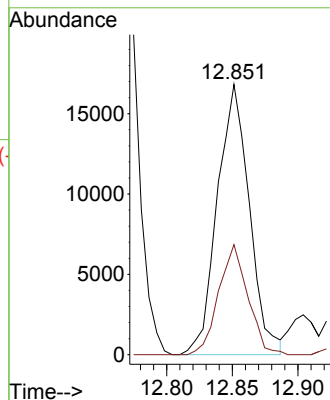
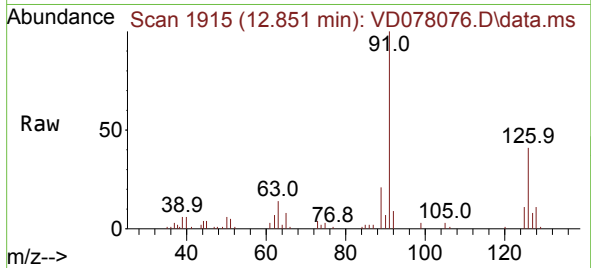




#79
2-Chlorotoluene
Concen: 5.338 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

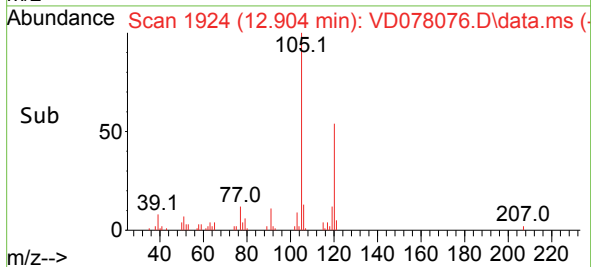
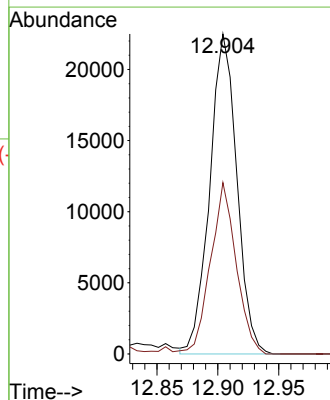
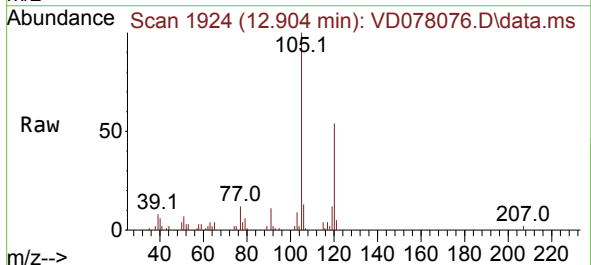
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

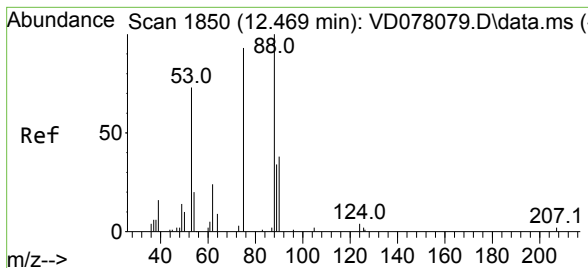
Tgt Ion: 91 Resp: 28643
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 5.114 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 105 Resp: 34859
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

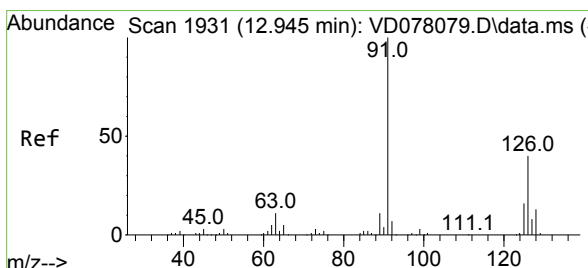
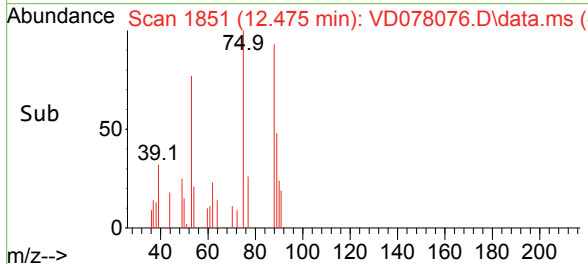
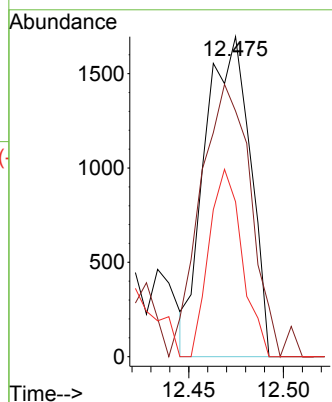
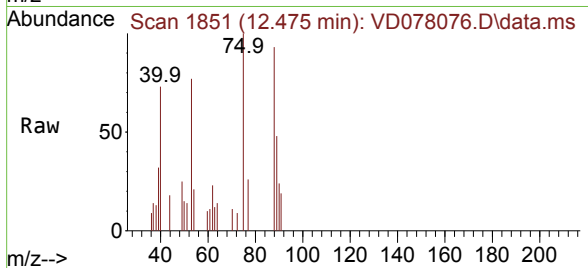




#81
trans-1,4-Dichloro-2-butene
Concen: 5.992 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

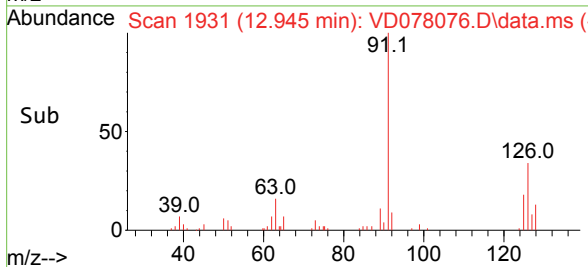
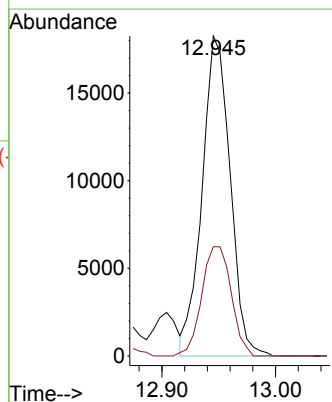
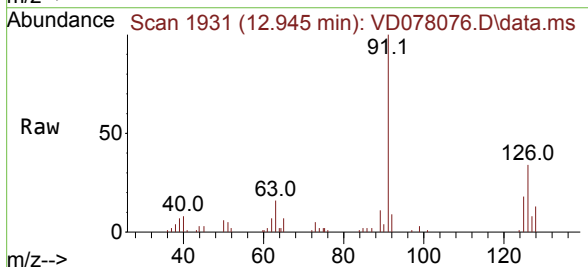
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

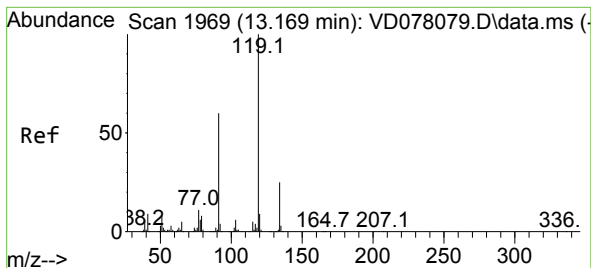
Tgt Ion: 75 Resp: 2807
Ion Ratio Lower Upper
75 100
53 96.7 63.0 94.4#
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.442 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion: 91 Resp: 31304
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 5.216 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

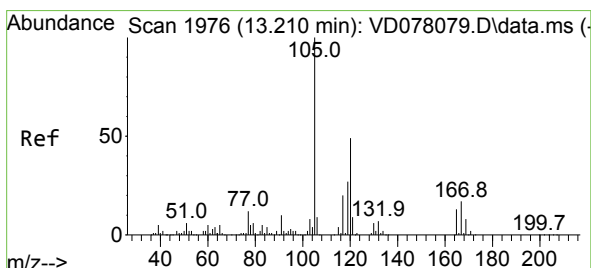
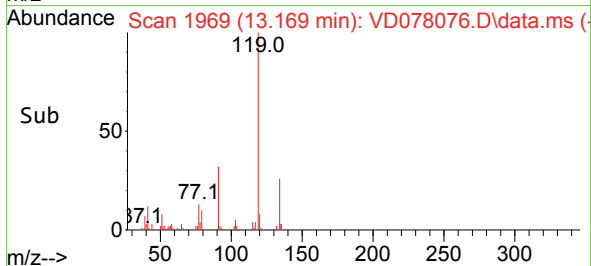
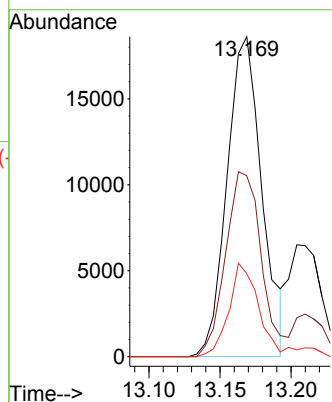
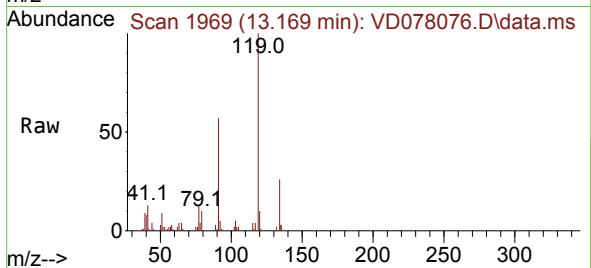
Tgt Ion:119 Resp: 31852

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 25.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 5.275 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078076.D

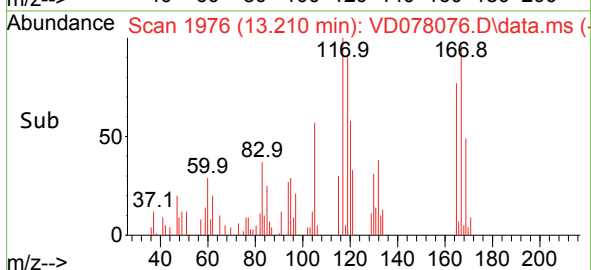
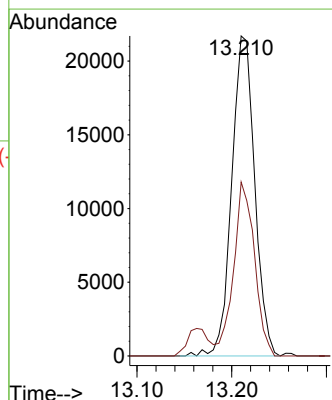
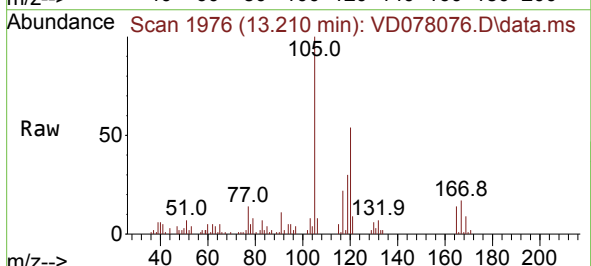
Acq: 26 Dec 2023 11:11

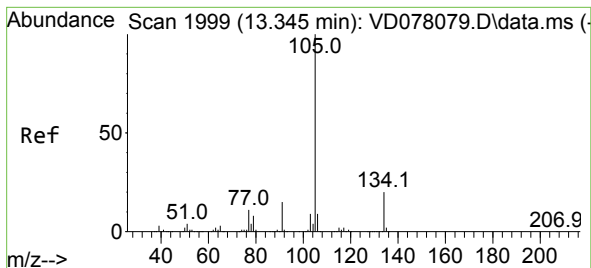
Tgt Ion:105 Resp: 36624

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 5.143 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

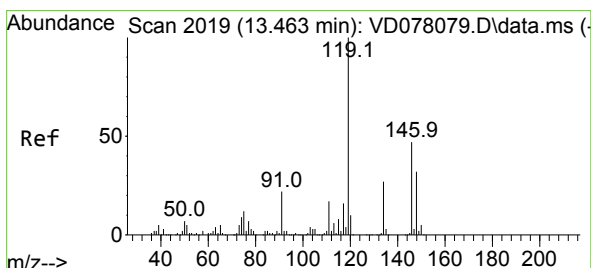
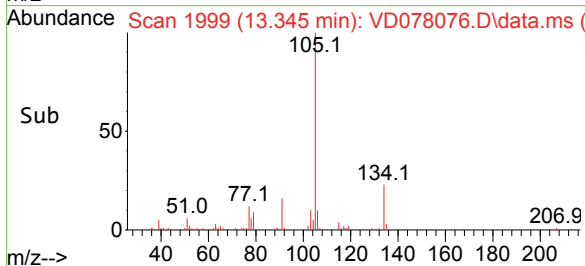
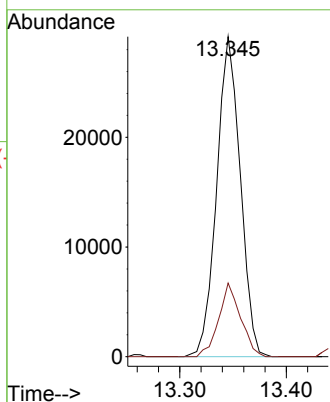
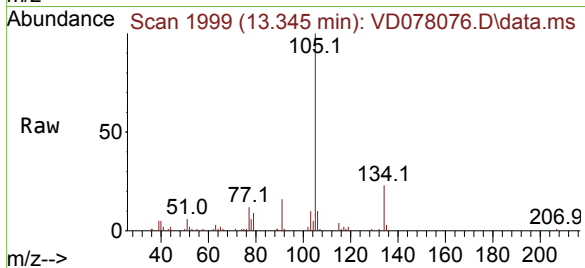
VSTDIC005

Tgt Ion:105 Resp: 44836

Ion Ratio Lower Upper

105 100

134 21.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 4.947 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

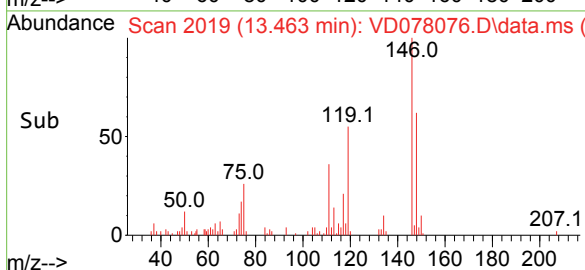
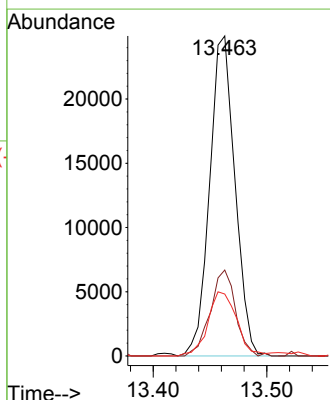
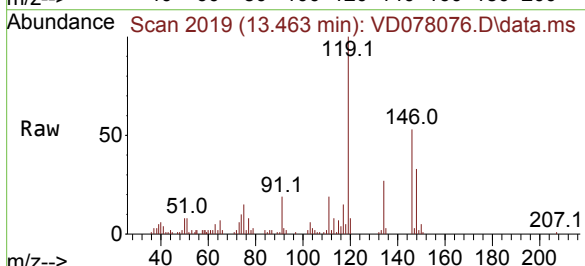
Tgt Ion:119 Resp: 38592

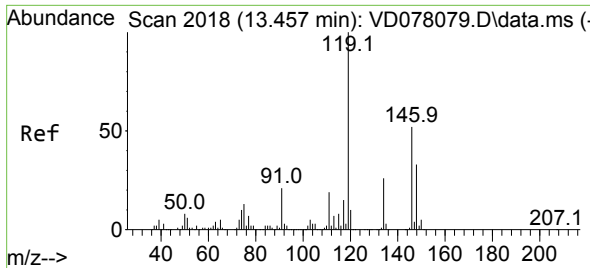
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 22.7 10.5 31.5

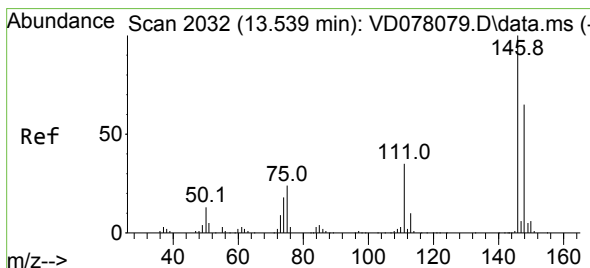
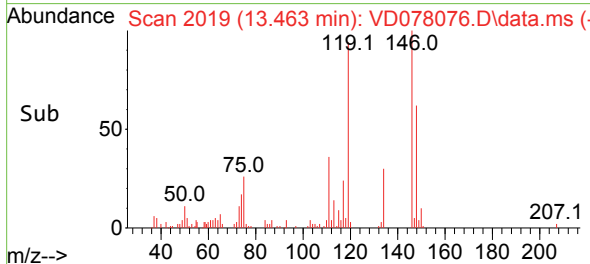
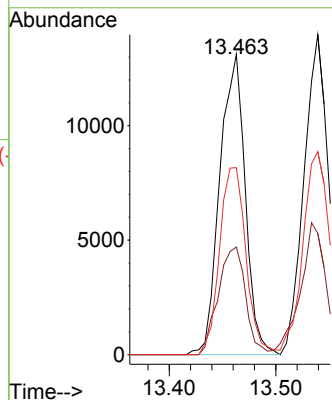
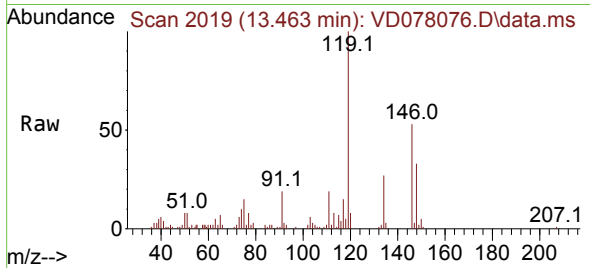




#87
1,3-Dichlorobenzene
Concen: 5.237 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

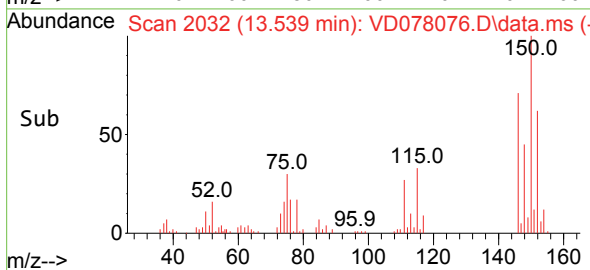
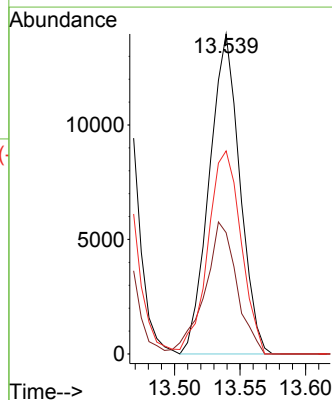
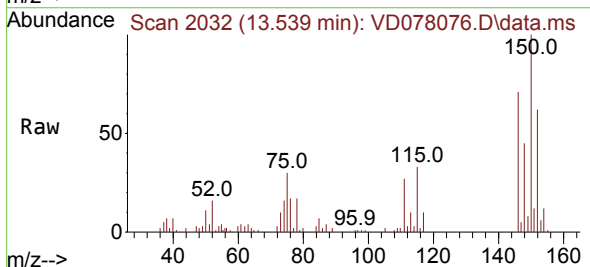
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

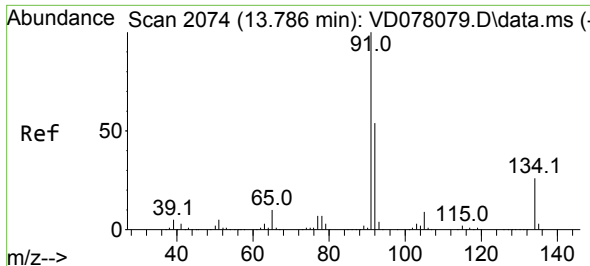
Tgt Ion:146 Resp: 21723
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 65.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 5.563 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:146 Resp: 22632
Ion Ratio Lower Upper
146 100
111 43.3 17.4 52.3
148 68.6 31.7 95.1

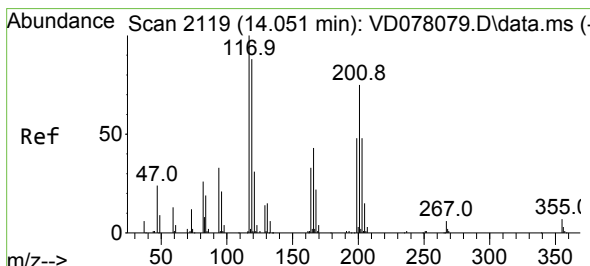
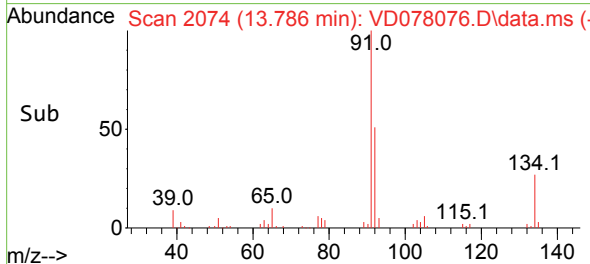
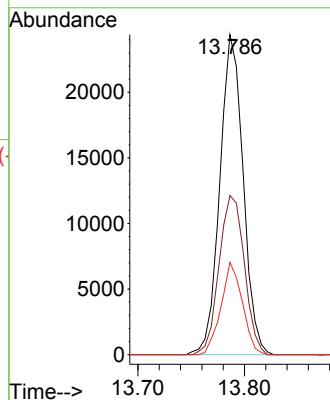
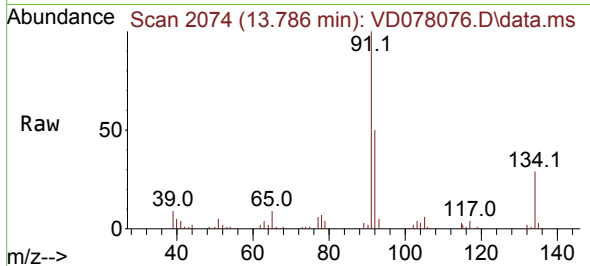




#89
n-Butylbenzene
Concen: 5.167 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

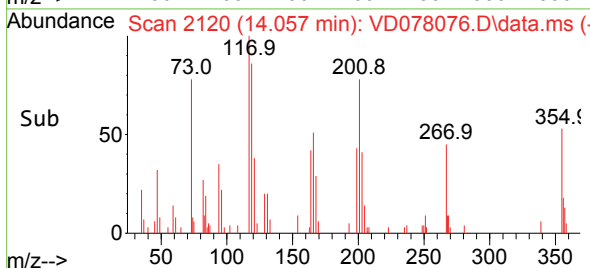
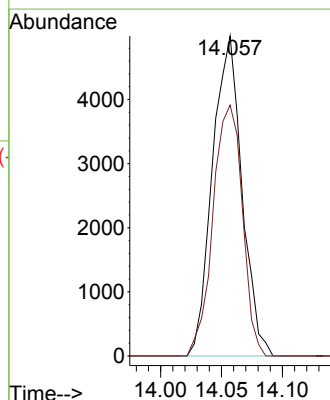
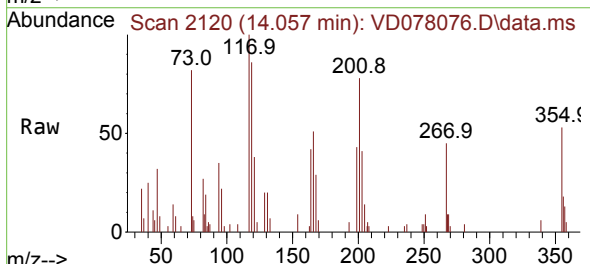
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

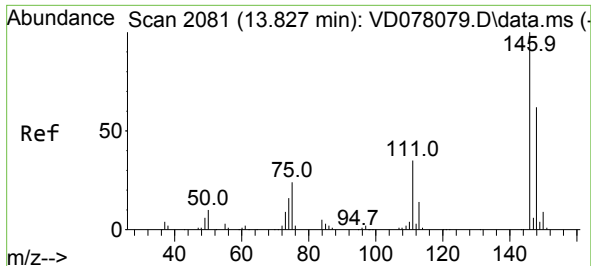
Tgt Ion:	91	Resp:	37004
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.5	79.5
134	26.5	13.8	41.3



#90
Hexachloroethane
Concen: 5.393 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078076.D
Acq: 26 Dec 2023 11:11

Tgt Ion:	117	Resp:	8411
Ion	Ratio	Lower	Upper
117	100		
201	78.0	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 5.642 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

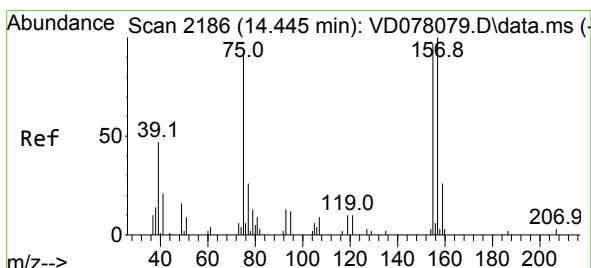
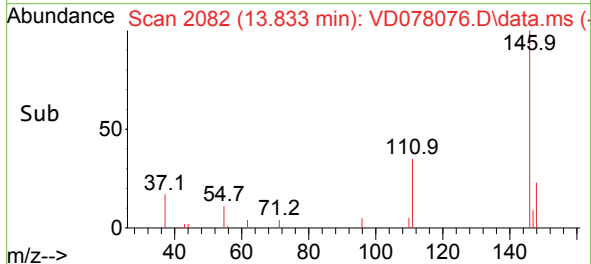
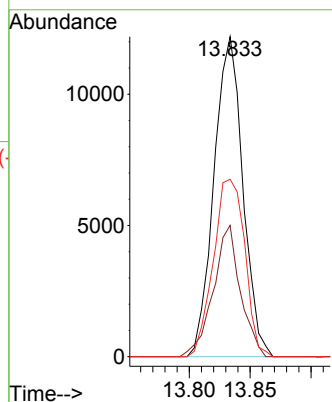
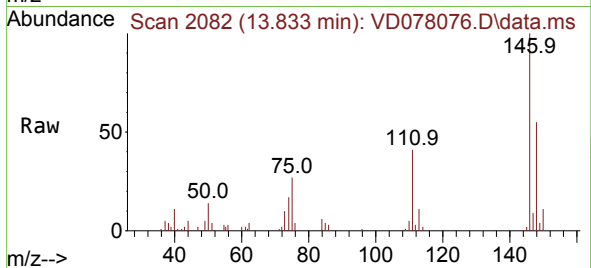
Tgt Ion:146 Resp: 20100

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 60.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.916 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

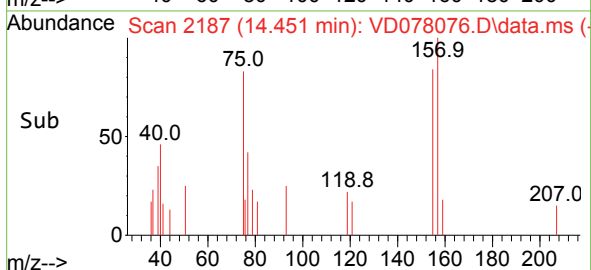
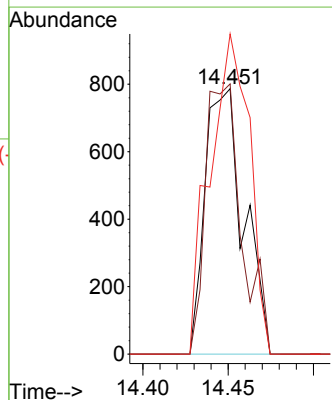
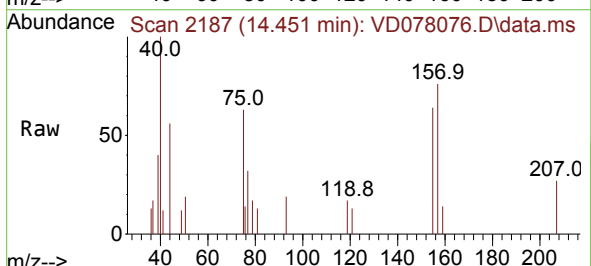
Tgt Ion: 75 Resp: 1241

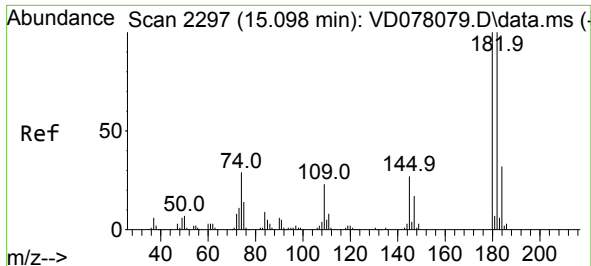
Ion Ratio Lower Upper

75 100

155 94.8 47.9 143.8

157 123.9 59.9 179.7

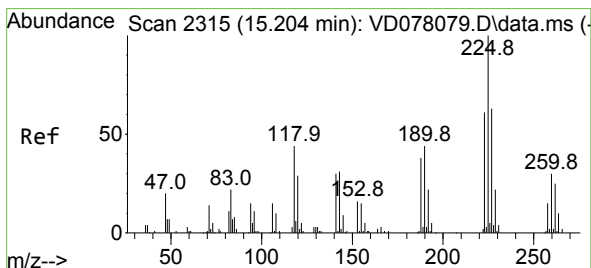
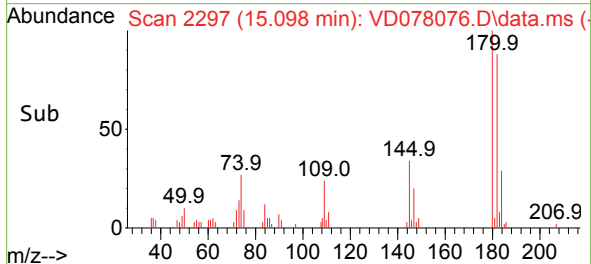
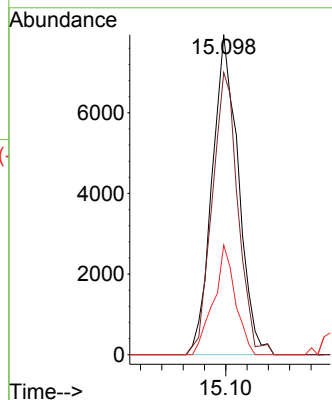
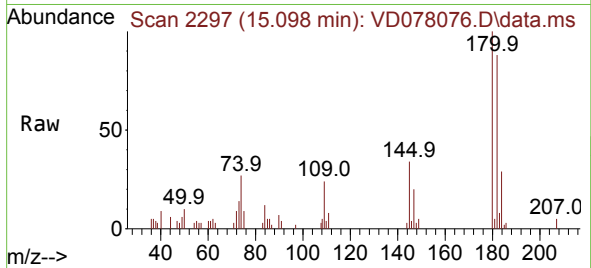




#93
 1,2,4-Trichlorobenzene
 Concen: 5.846 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

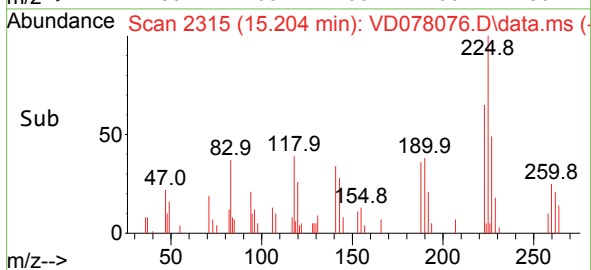
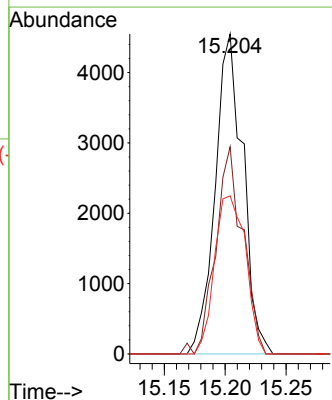
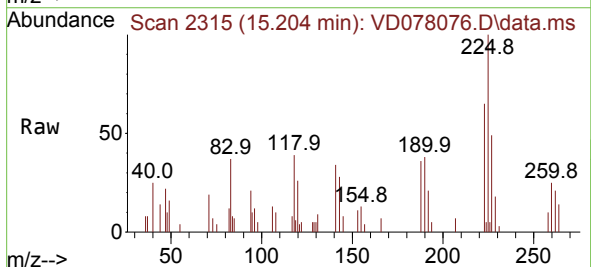
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

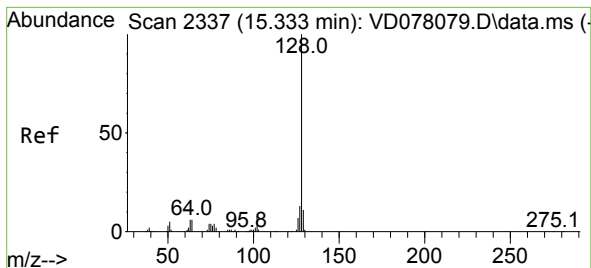
Tgt Ion:180 Resp: 13597
 Ion Ratio Lower Upper
 180 100
 182 86.6 48.5 145.6
 145 28.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 5.508 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078076.D
 Acq: 26 Dec 2023 11:11

Tgt Ion:225 Resp: 7198
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 94.8
 227 55.3 31.7 95.1





#95

Naphthalene

Concen: 5.718 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

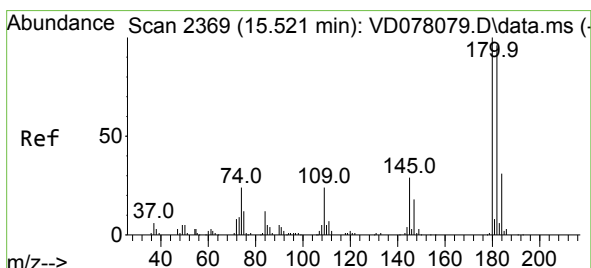
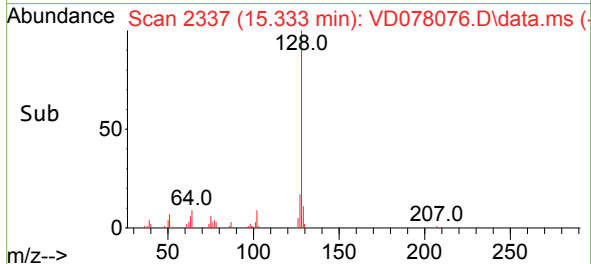
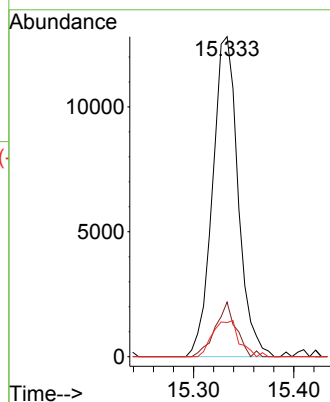
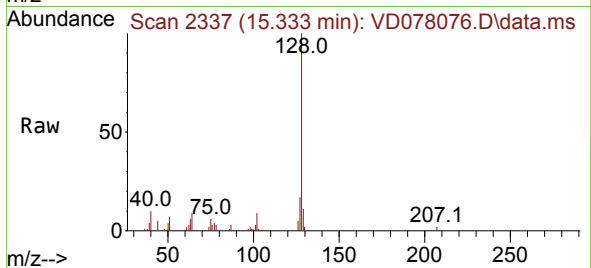
Tgt Ion:128 Resp: 22639

Ion Ratio Lower Upper

128 100

127 17.0 10.5 15.7#

129 12.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.512 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078076.D

Acq: 26 Dec 2023 11:11

Tgt Ion:180 Resp: 10877

Ion Ratio Lower Upper

180 100

182 99.5 47.3 141.9

145 26.0 15.1 45.3

