

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079884.D
 Acq On : 24 Sep 2024 18:33
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 01:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:21:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	133285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	133183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	68736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	107640	18.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
7) Chloroethane-d5	2.805	69	100305	21.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	3.922	65	20561	19.539	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.160%
21) 2-Butanone-d5	6.987	46	28889	53.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
24) Chloroform-d	7.569	84	111867	25.533	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.120%
26) 1,2-Dichloroethane-d4	8.228	65	59368	25.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.204	84	224153	23.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	9.210	67	70249	24.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	10.269	98	206329	24.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.522	79	29562	23.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.875	63	26350	56.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.260%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	59495	28.115	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	64039	24.705	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	51456	20.246	ug/L	99
3) Chloromethane	2.146	50	93567	21.002	ug/L	100
5) Vinyl chloride	2.281	62	122142	22.373	ug/L	98
6) Bromomethane	2.693	94	76742	27.917	ug/L	95
8) Chloroethane	2.840	64	86173	23.892	ug/L	96
9) Trichlorofluoromethane	3.181	101	90914	23.161	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	50456	23.222	ug/L #	86
12) 1,1-Dichloroethene	3.946	96	44481	21.980	ug/L	88
13) Acetone	4.022	43	32001	48.745	ug/L	92
14) Carbon disulfide	4.269	76	132785	20.172	ug/L	99
15) Methyl Acetate	4.569	43	25188	24.086	ug/L #	87
16) Methylene chloride	4.805	84	64281	24.408	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	51428	23.834	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	122932	25.325	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	109316	25.505	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	61073	25.706	ug/L	96
22) 2-Butanone	7.081	43	38160	49.551	ug/L	99
23) Bromochloromethane	7.422	128	25857	25.643	ug/L	95
25) Chloroform	7.599	83	116644	26.144	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:21:43 2024
 Response via : Initial Calibration

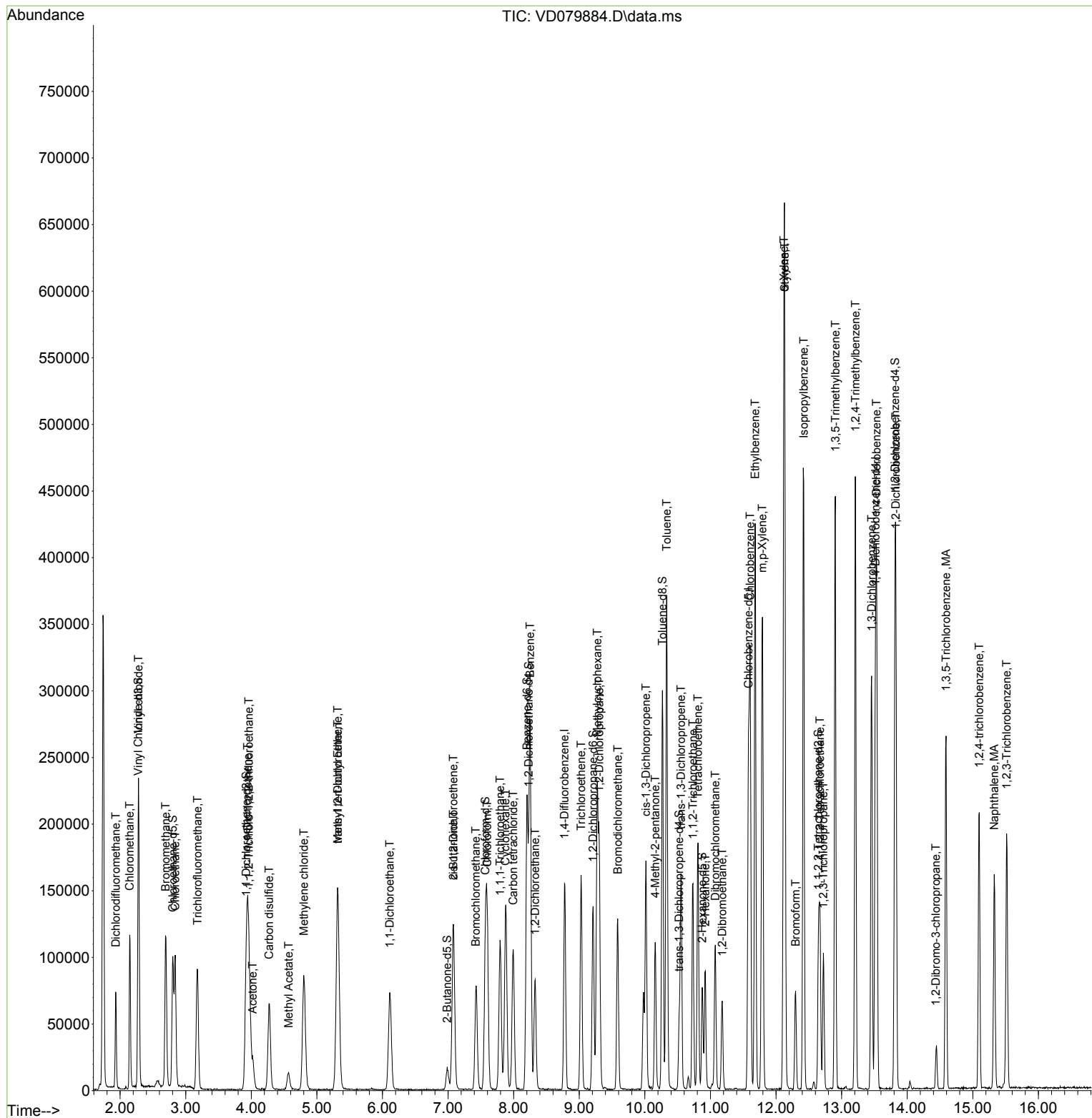
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	71682	26.287	ug/L	96
29) Cyclohexane	7.875	56	75456	22.905	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	93259	25.689	ug/L	98
31) Carbon tetrachloride	7.993	117	80757	25.107	ug/L	100
33) Benzene	8.252	78	253301	25.542	ug/L	100
34) Trichloroethene	9.028	95	57663	25.164	ug/L	96
35) Methylcyclohexane	9.275	83	88136	23.834	ug/L	99
37) 1,2-Dichloropropane	9.304	63	71041	26.267	ug/L #	100
38) Bromodichloromethane	9.587	83	83301	26.433	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	100920	26.573	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	75790	53.534	ug/L	99
42) Toluene	10.334	91	276446	26.464	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	91949	27.472	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	49097	26.571	ug/L	95
46) Tetrachloroethene	10.810	164	39064	25.110	ug/L	94
48) 2-Hexanone	10.922	43	58497	50.797	ug/L	99
49) Dibromochloromethane	11.075	129	54824	27.183	ug/L	97
50) 1,2-Dibromoethane	11.181	107	43277	27.117	ug/L	96
51) Chlorobenzene	11.604	112	166356	26.536	ug/L	97
52) Ethylbenzene	11.681	91	296353	27.006	ug/L	99
53) m,p-Xylene	11.792	106	113177	27.229	ug/L	96
54) o-Xylene	12.122	106	110814	27.191	ug/L	97
55) Styrene	12.134	104	202533	28.277	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	59939	27.674	ug/L	98
59) Bromoform	12.298	173	29817	25.129	ug/L #	98
60) Isopropylbenzene	12.422	105	299199	25.212	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	40615	24.039	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	232439	26.782	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	230934	25.373	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	124895	25.467	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	130698	25.408	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	113690	25.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	8275	23.937	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	76148	25.608	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	62143	24.821	ug/L	96
71) Naphthalene	15.328	128	138444	24.758	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	59280	26.470	ug/L	99

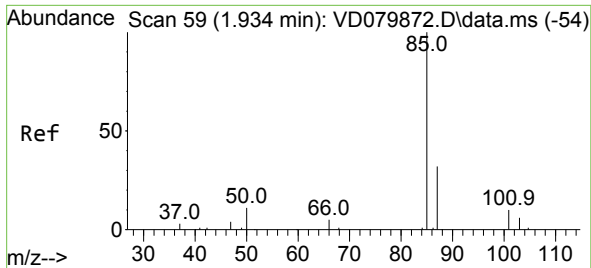
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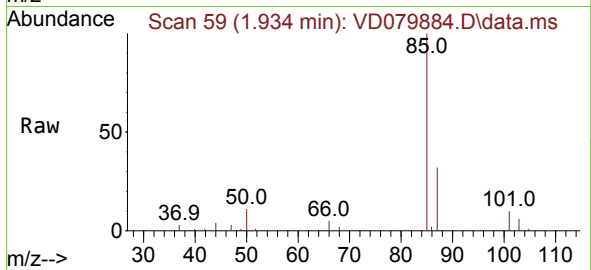
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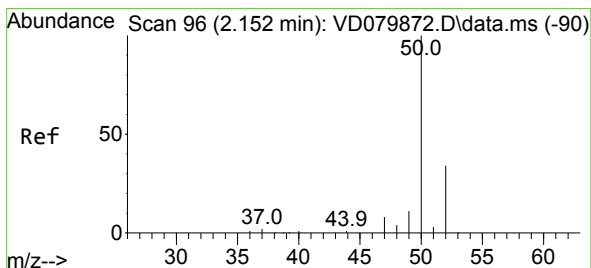
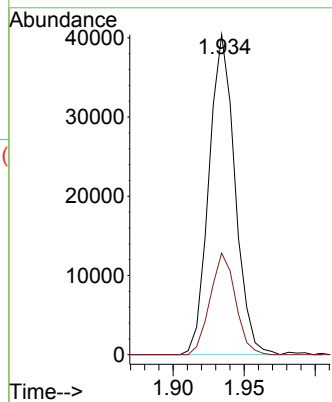
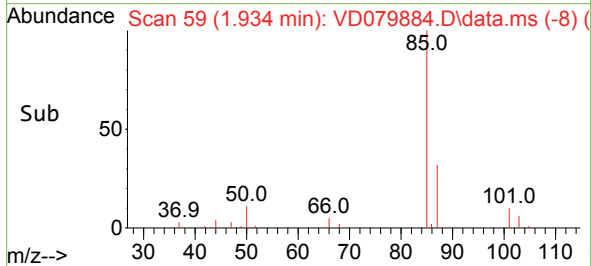


#2
 Dichlorodifluoromethane
 Concen: 20.246 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

Instrument :
 MSVOA_D
 ClientSampleId :

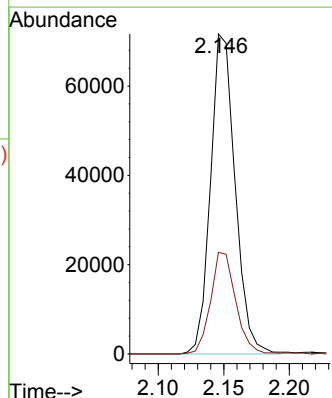
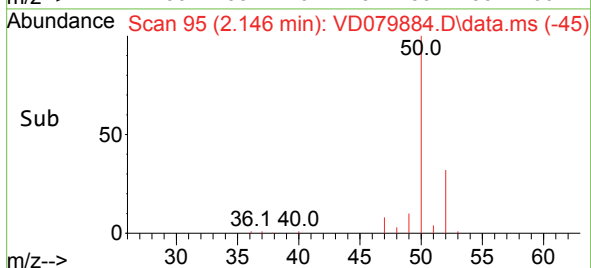
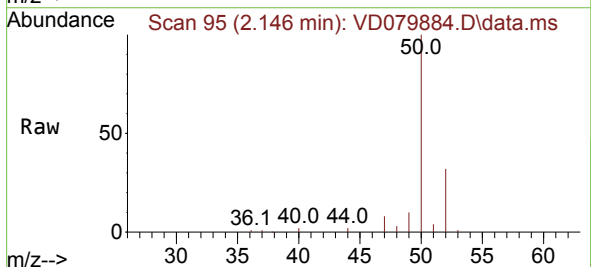


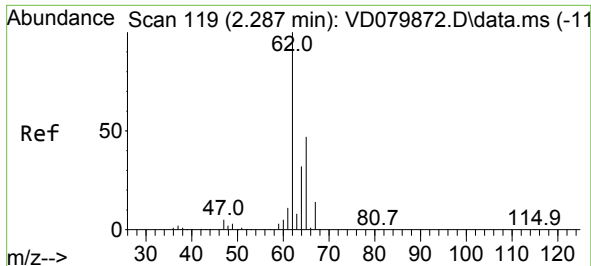
Tgt Ion: 85 Resp: 51456
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.0 37.6



#3
 Chloromethane
 Concen: 21.002 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

Tgt Ion: 50 Resp: 93567
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.4 41.6

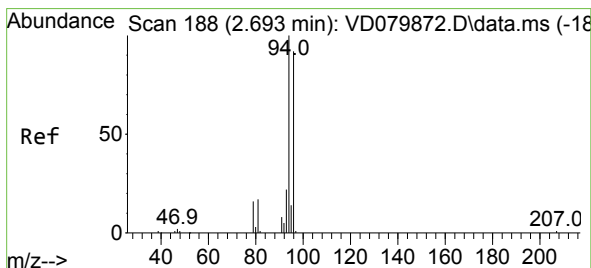
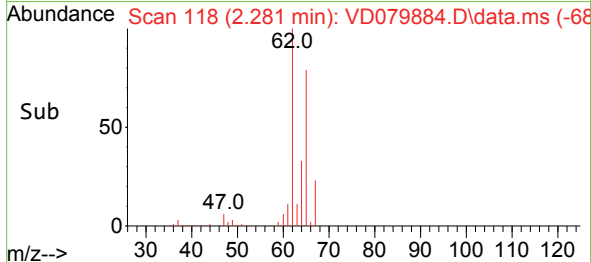
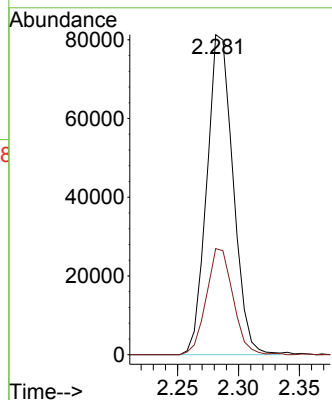
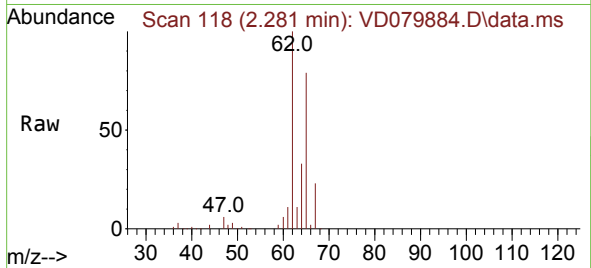




#5
 Vinyl chloride
 Concen: 22.373 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

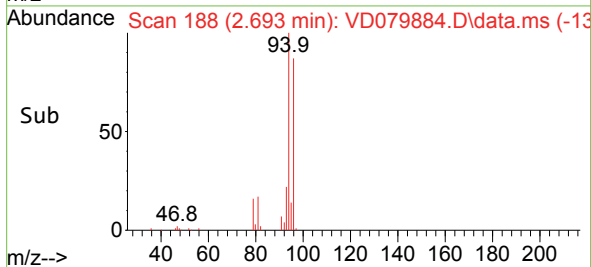
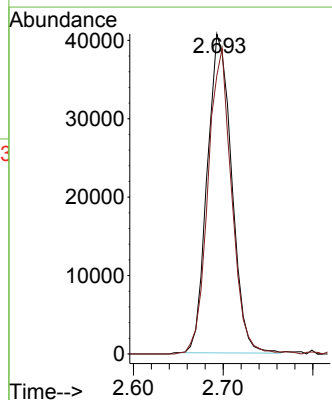
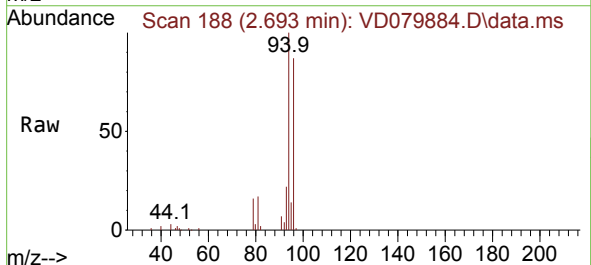
Instrument :
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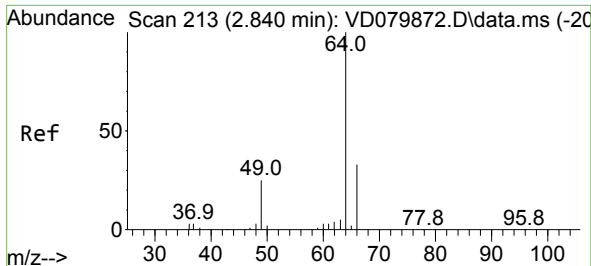
Tgt Ion: 62 Resp: 122142
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 27.917 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

Tgt Ion: 94 Resp: 76742
 Ion Ratio Lower Upper
 94 100
 96 87.0 64.3 119.5

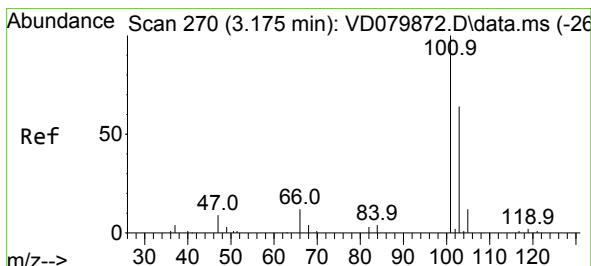
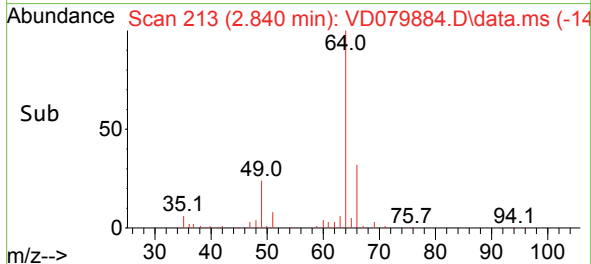
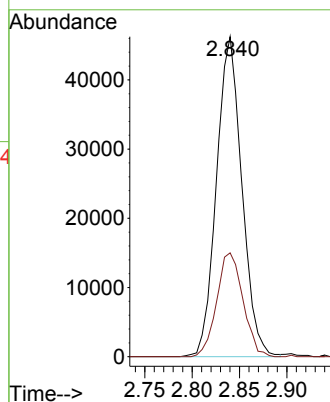
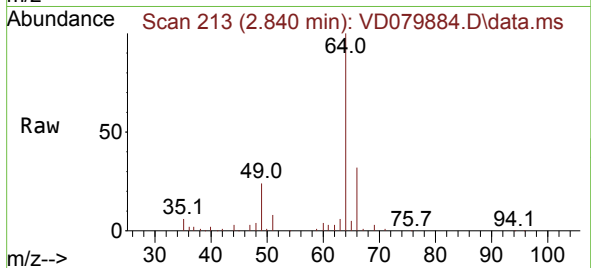




#8
Chloroethane
Concen: 23.892 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

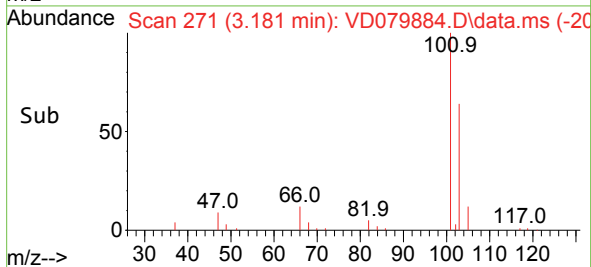
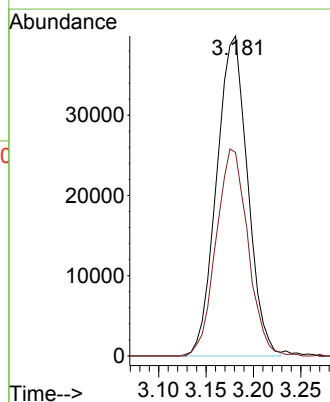
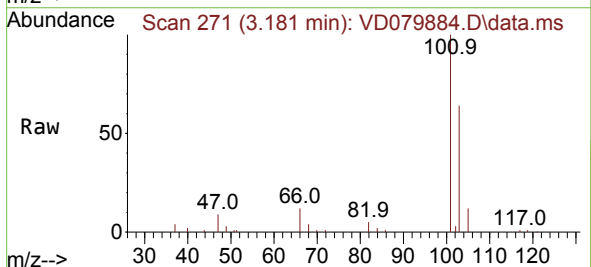
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MSVOA_D
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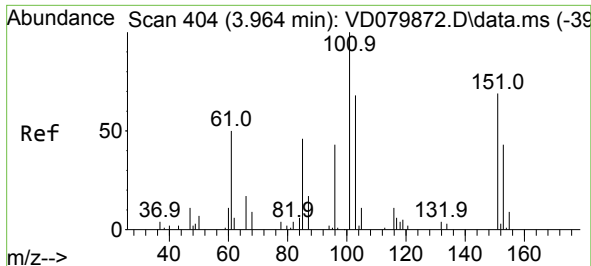
Tgt Ion: 64 Resp: 86173
Ion Ratio Lower Upper
64 100
66 32.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 23.161 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:101 Resp: 90914
Ion Ratio Lower Upper
101 100
103 66.2 50.5 75.7

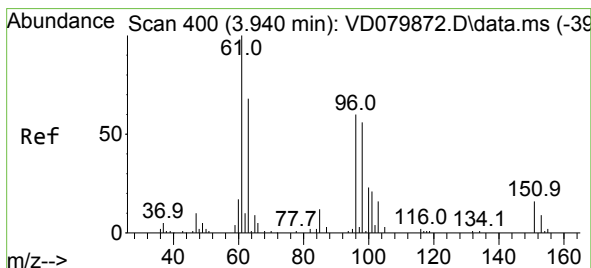
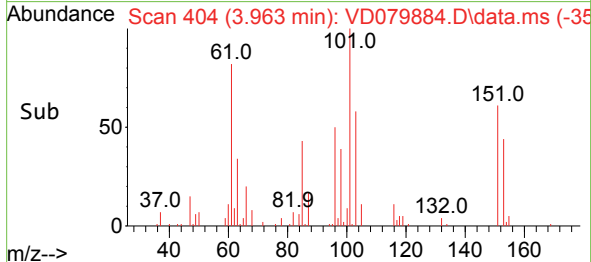
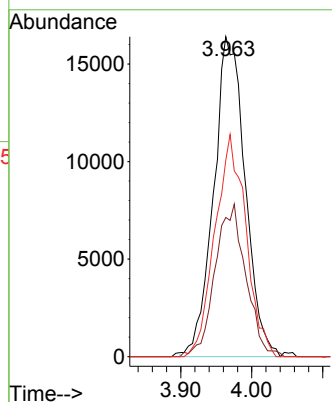
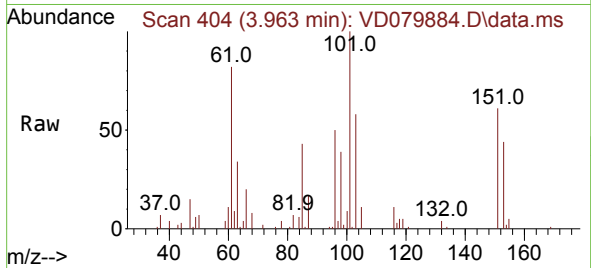




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.222 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

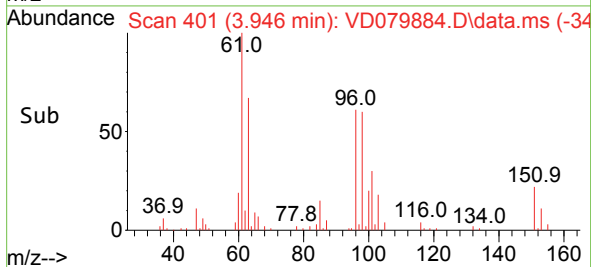
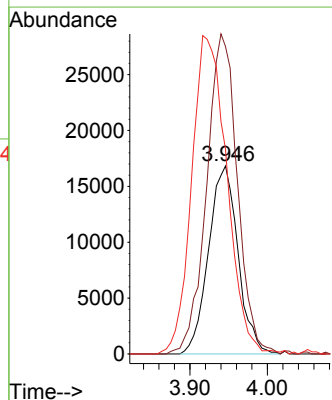
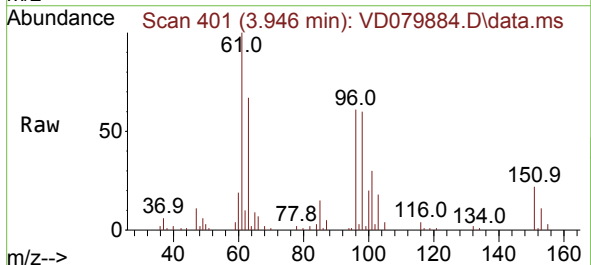
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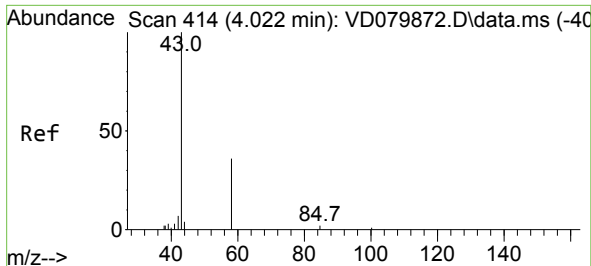
Tgt Ion:101 Resp: 50456
 Ion Ratio Lower Upper
 101 100
 85 25.2 37.8 56.8#
 151 68.2 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 21.980 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

Tgt Ion: 96 Resp: 44481
 Ion Ratio Lower Upper
 96 100
 61 163.5 119.8 222.4
 63 109.0 93.9 174.3





#13

Acetone

Concen: 48.745 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

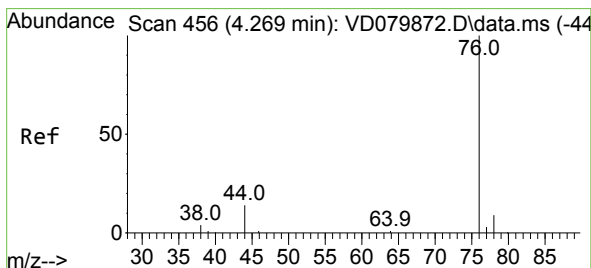
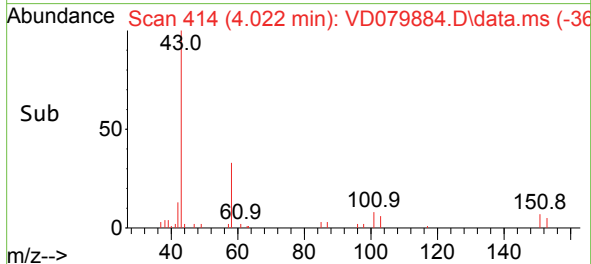
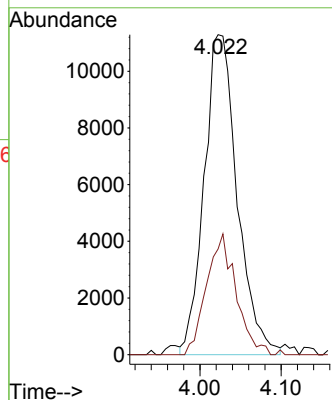
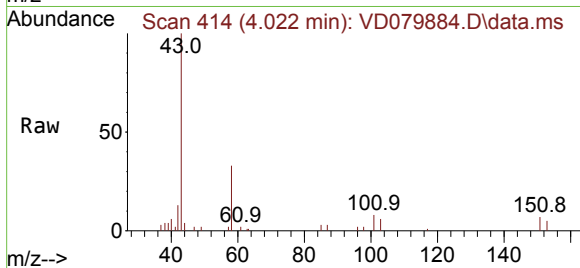
ClientSampleId :

Tgt Ion: 43 Resp: 32001

Ion Ratio Lower Upper

43 100

58 32.9 0.0 75.8



#14

Carbon disulfide

Concen: 20.172 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079884.D

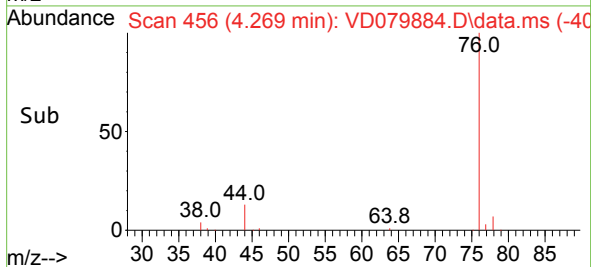
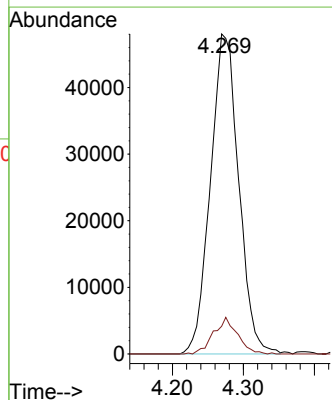
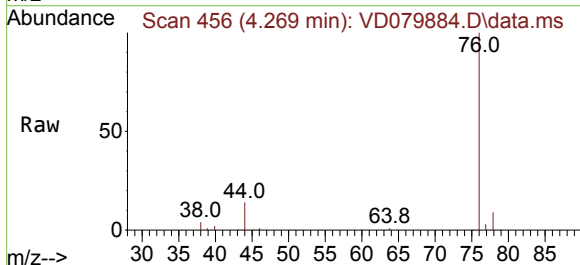
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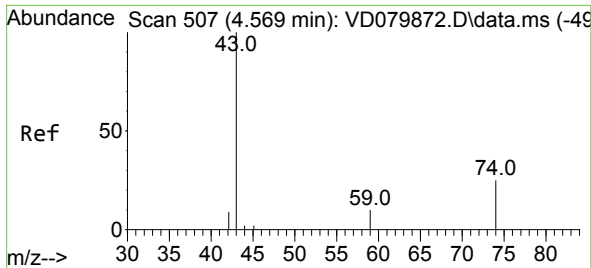
Tgt Ion: 76 Resp: 132785

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

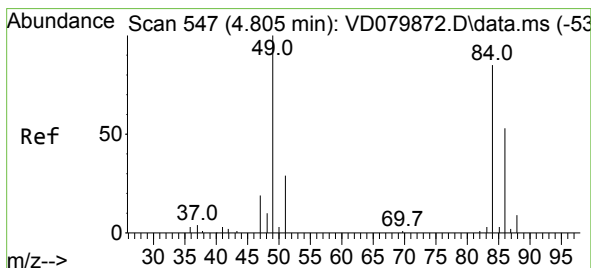
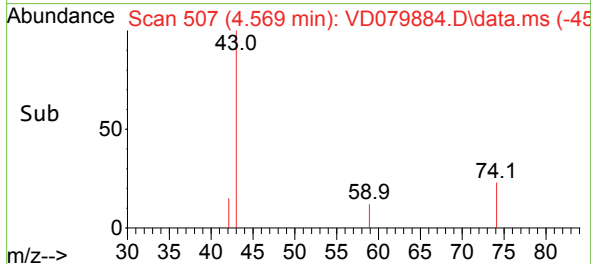
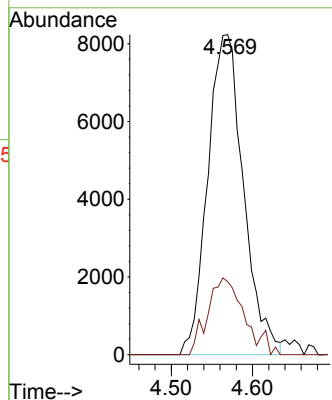
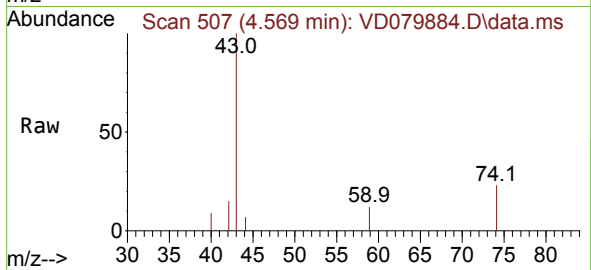




#15
Methyl Acetate
Concen: 24.086 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

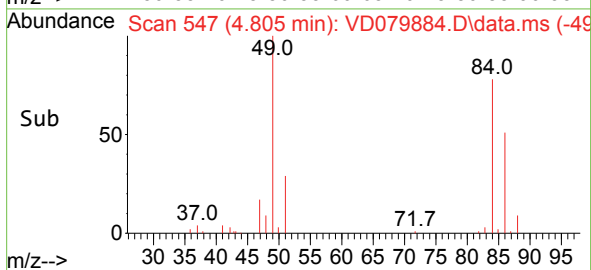
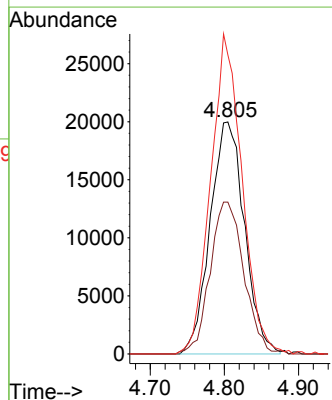
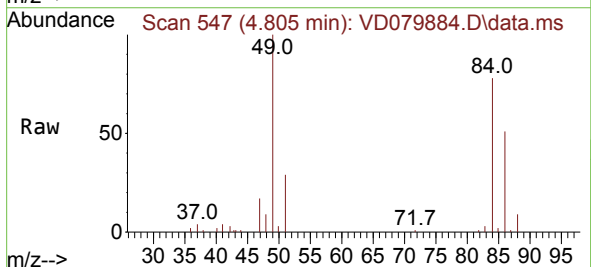
Instrument :
MSVOA_D
ClientSampleId :

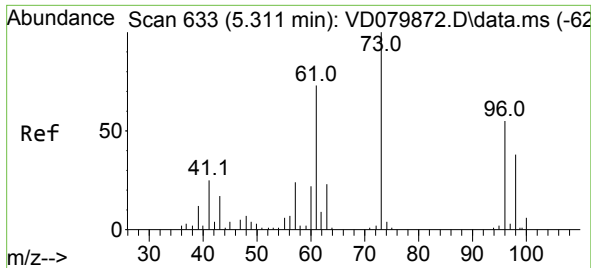
Tgt Ion: 43 Resp: 25188
Ion Ratio Lower Upper
43 100
74 20.3 11.9 17.9#



#16
Methylene chloride
Concen: 24.408 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion: 84 Resp: 64281
Ion Ratio Lower Upper
84 100
86 65.4 41.0 76.2
49 128.9 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 23.834 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

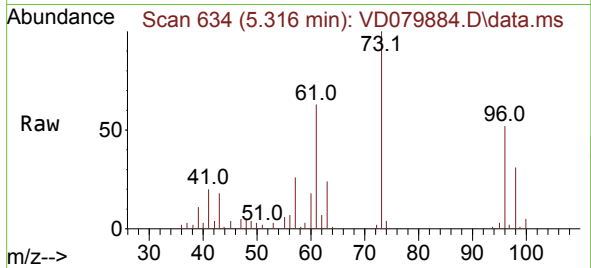
Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :



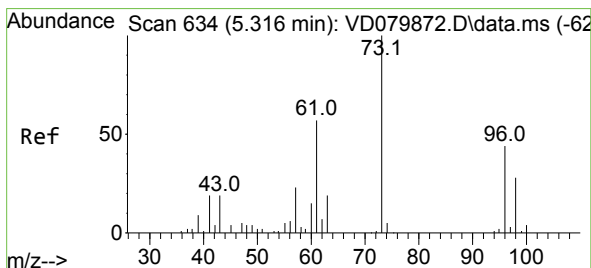
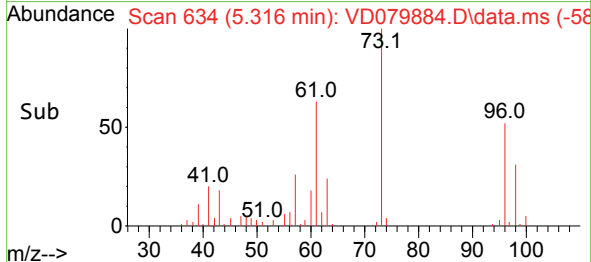
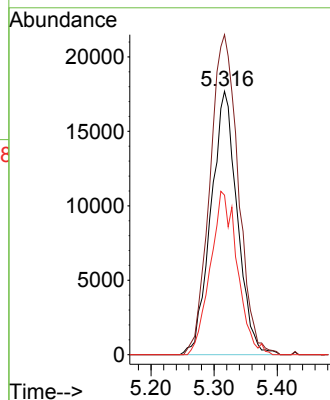
Tgt Ion: 96 Resp: 51428

Ion Ratio Lower Upper

96 100

61 121.5 88.7 164.7

98 60.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 25.325 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

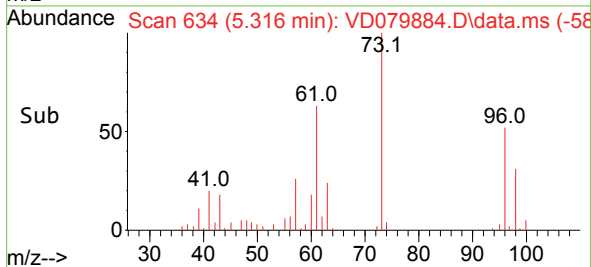
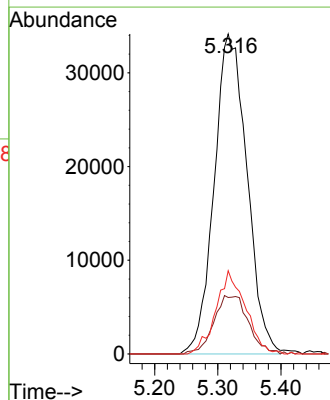
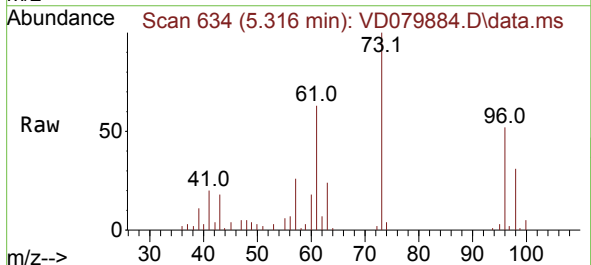
Tgt Ion: 73 Resp: 122932

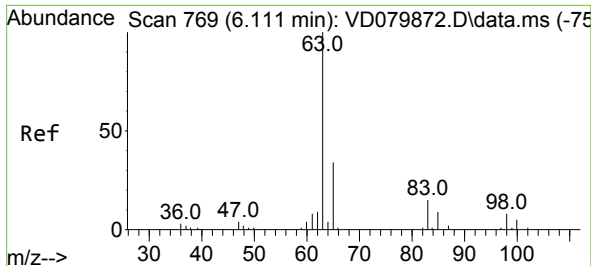
Ion Ratio Lower Upper

73 100

43 8.9 14.5 21.7#

57 21.9 18.8 28.2





#19

1,1-Dichloroethane

Concen: 25.505 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

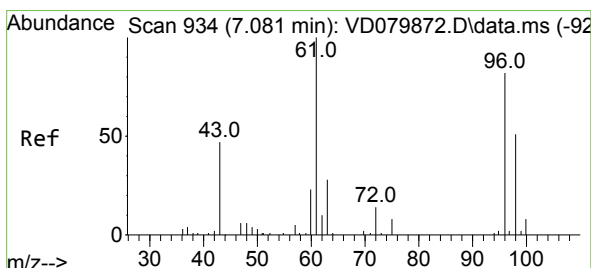
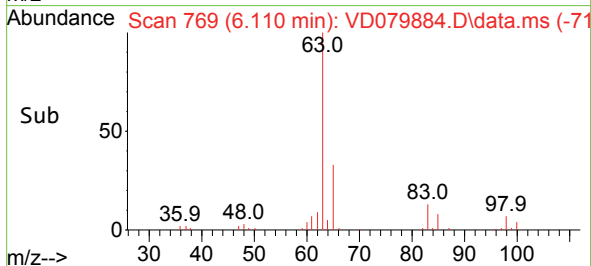
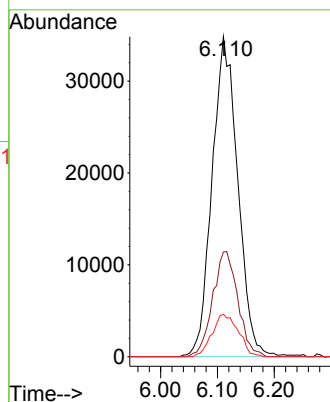
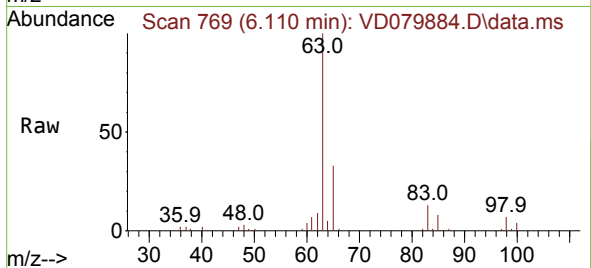
Tgt Ion: 63 Resp: 109316

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 13.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.706 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

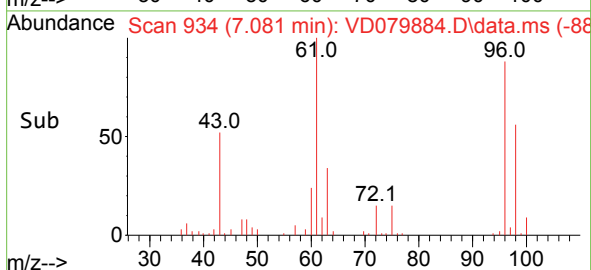
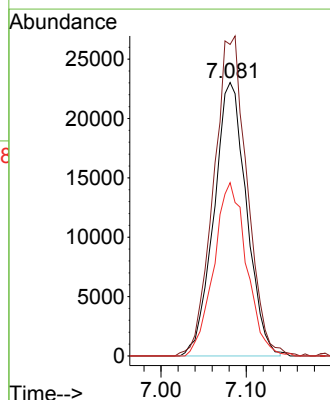
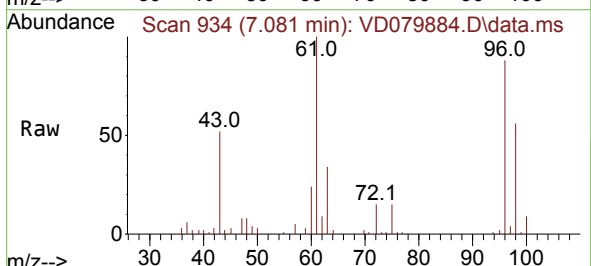
Tgt Ion: 96 Resp: 61073

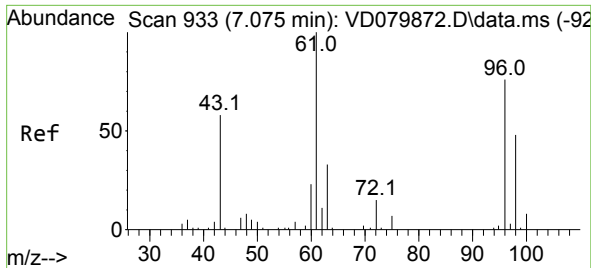
Ion Ratio Lower Upper

96 100

61 113.9 83.8 155.6

98 63.4 45.9 85.3

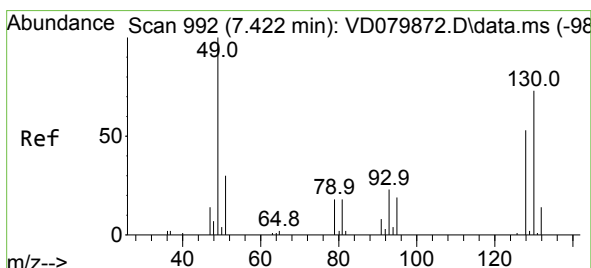
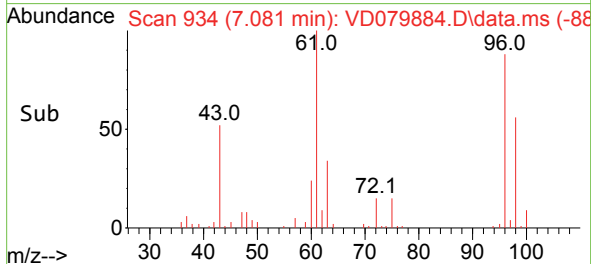
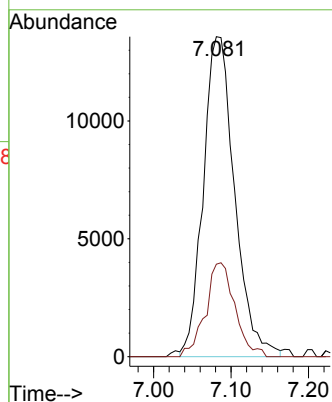
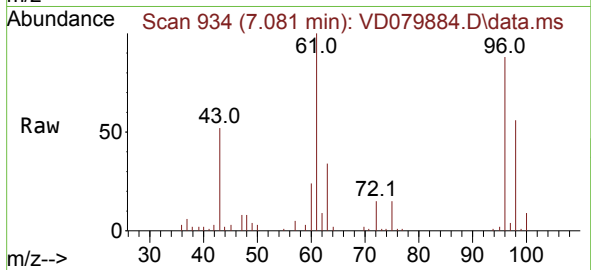




#22
2-Butanone
Concen: 49.551 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

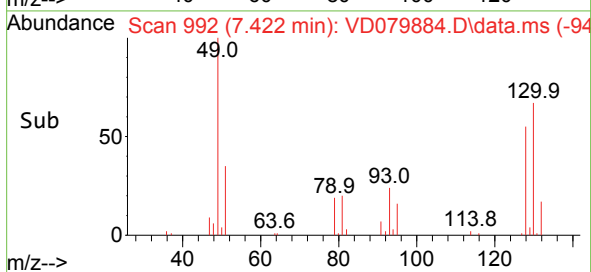
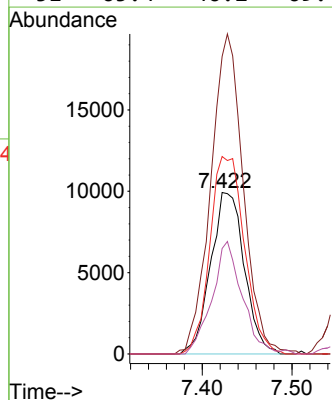
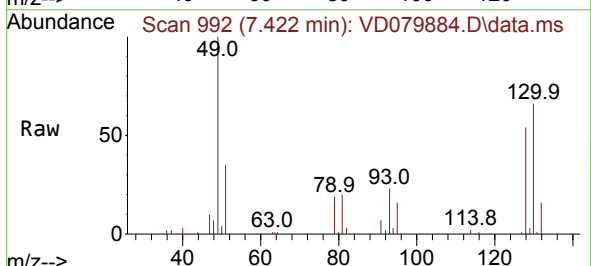
Instrument :
MSVOA_D
ClientSampleId :

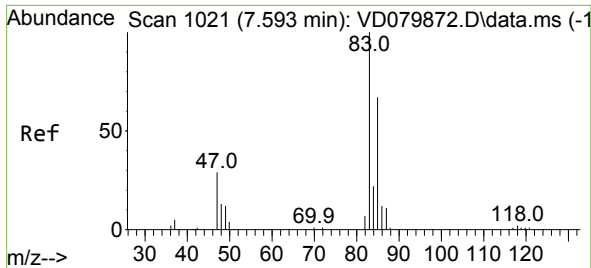
Tgt Ion: 43 Resp: 38160
Ion Ratio Lower Upper
43 100
72 26.9 13.1 39.3



#23
Bromochloromethane
Concen: 25.643 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion: 128 Resp: 25857
Ion Ratio Lower Upper
128 100
49 184.3 132.3 245.7
130 122.3 89.4 166.0
51 65.4 46.2 69.4

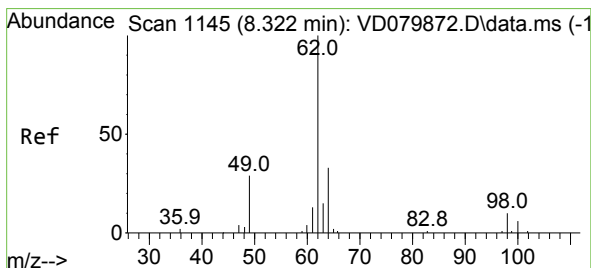
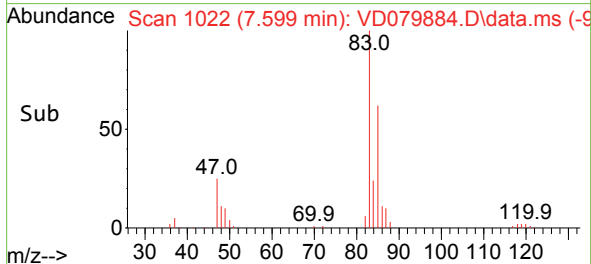
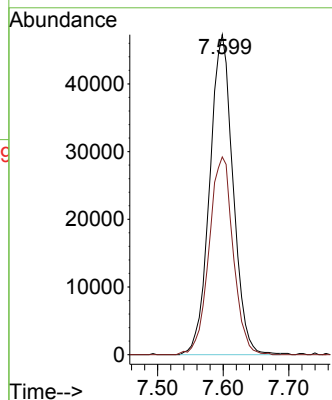
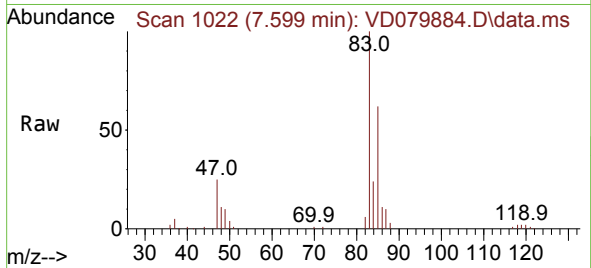




#25
Chloroform
Concen: 26.144 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

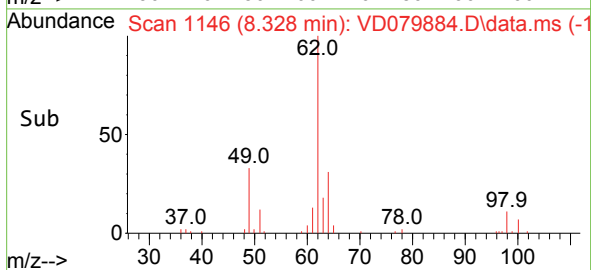
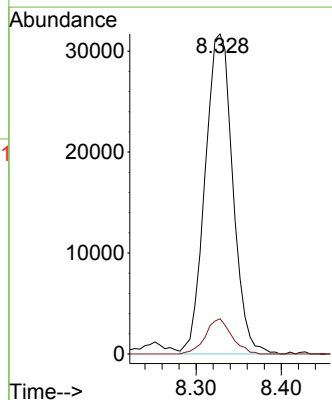
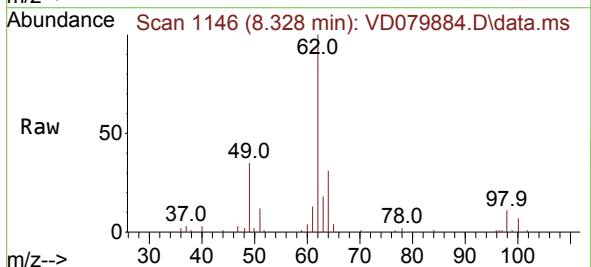
Instrument :
MSVOA_D
ClientSampleId :

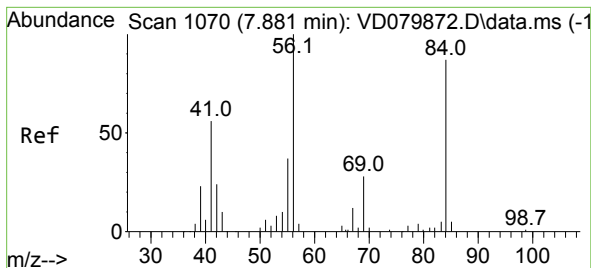
Tgt Ion: 83 Resp: 116644
Ion Ratio Lower Upper
83 100
85 61.8 47.3 87.9



#27
1,2-Dichloroethane
Concen: 26.287 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion: 62 Resp: 71682
Ion Ratio Lower Upper
62 100
98 11.0 7.5 11.3





#29

Cyclohexane

Concen: 22.905 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

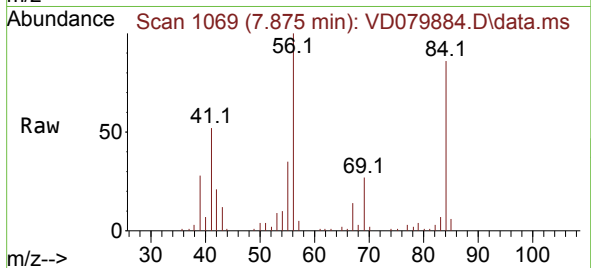
Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

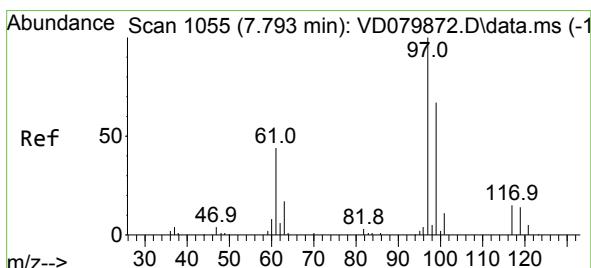
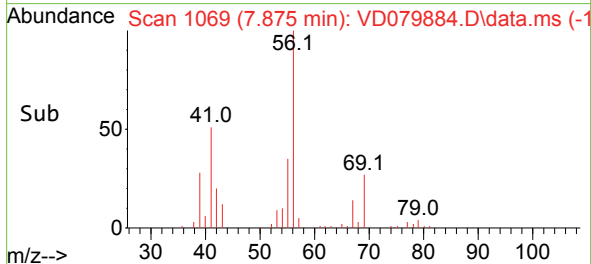
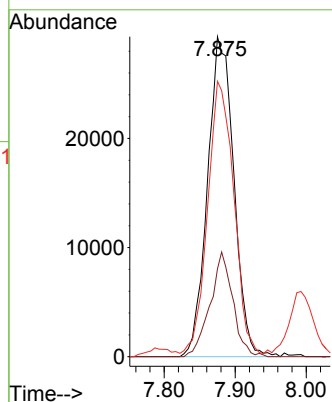
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	75456
Ion Ratio	Lower	Upper	
56	100		
69	27.9	22.8	34.2
84	86.7	69.1	103.7



#30

1,1,1-Trichloroethane

Concen: 25.689 ug/L

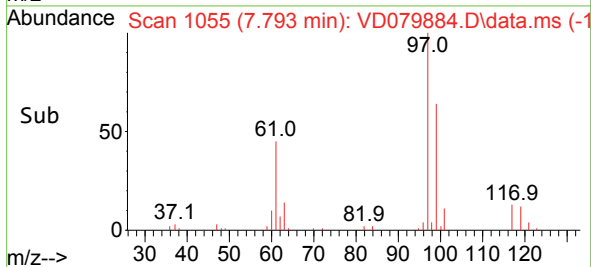
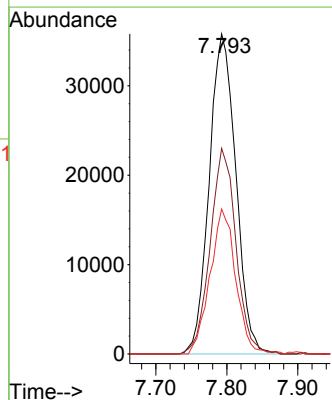
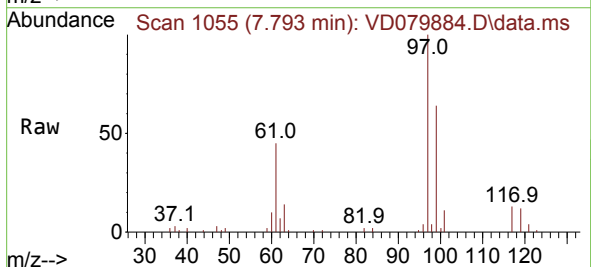
RT: 7.793 min Scan# 1055

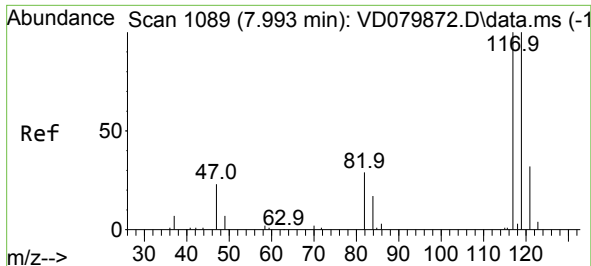
Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

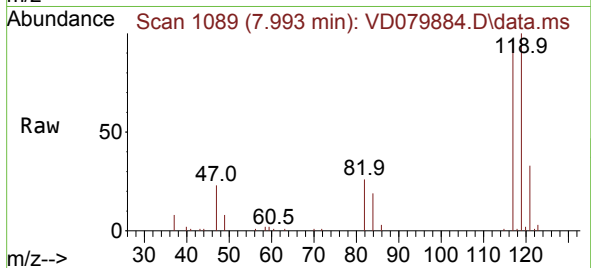
Tgt Ion:	97	Resp:	93259
Ion Ratio	Lower	Upper	
97	100		
99	62.3	51.9	77.9
61	43.5	35.4	53.2



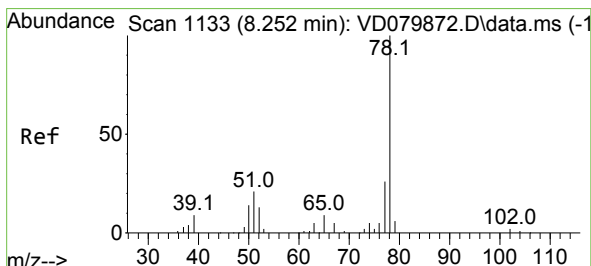
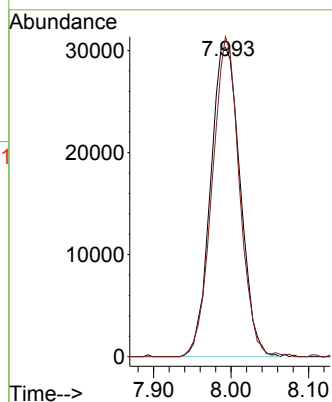
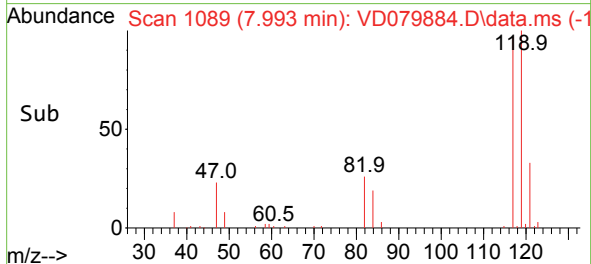


#31
Carbon tetrachloride
Concen: 25.107 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

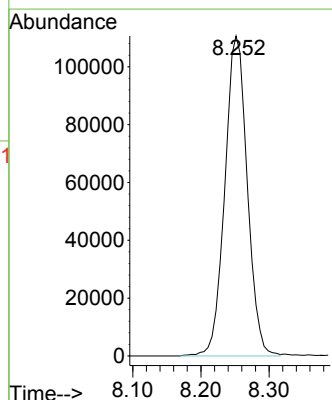
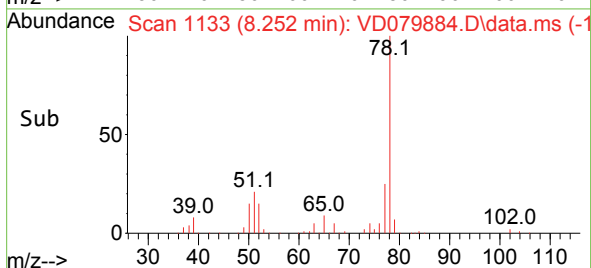
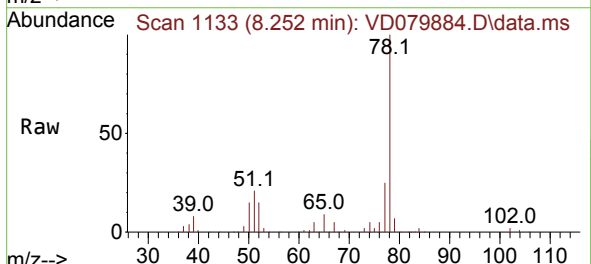


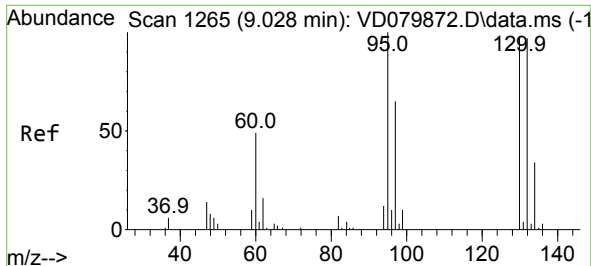
Tgt Ion:117 Resp: 80757
Ion Ratio Lower Upper
117 100
119 94.6 76.0 114.0



#33
Benzene
Concen: 25.542 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

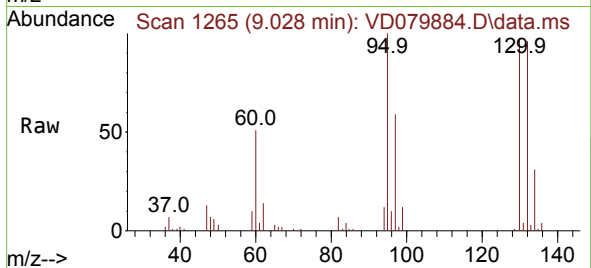
Tgt Ion: 78 Resp: 253301



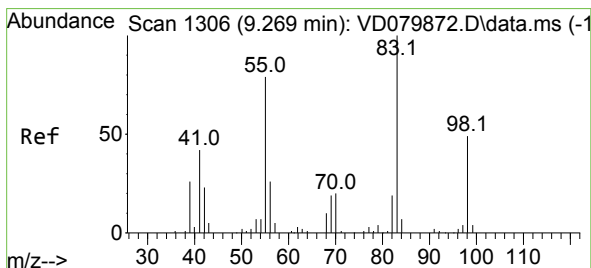
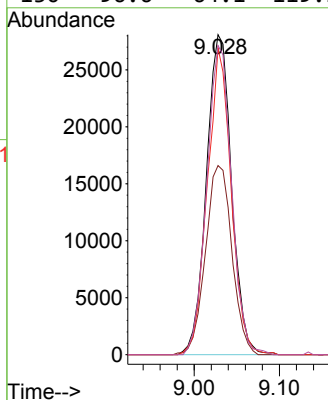
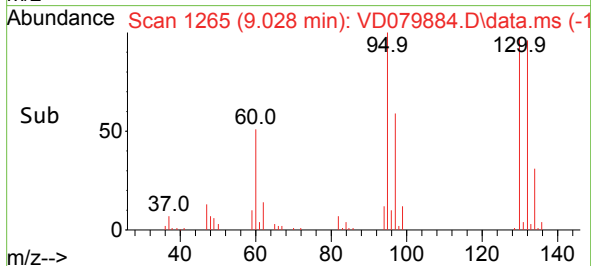


#34
Trichloroethene
Concen: 25.164 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

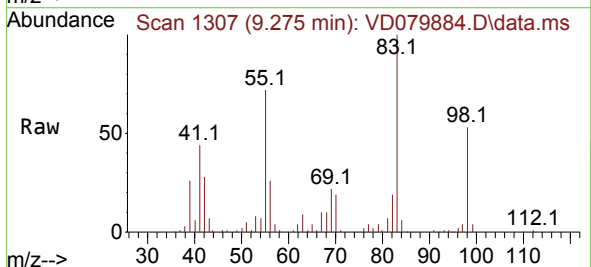
Instrument :
MSVOA_D
ClientSampleId :



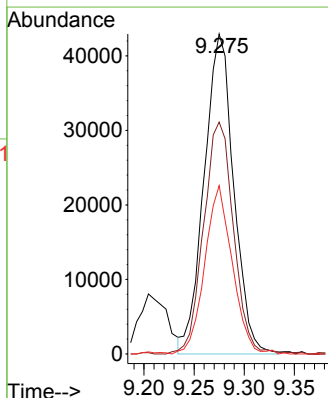
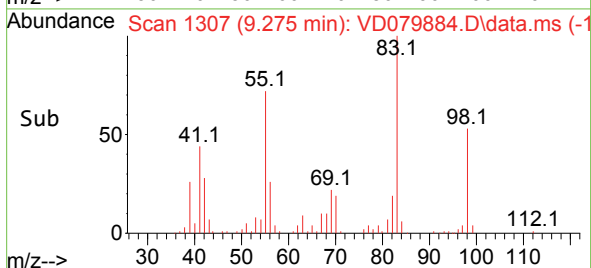
Tgt Ion: 95 Resp: 57663
Ion Ratio Lower Upper
95 100
97 59.1 43.5 80.7
132 95.8 64.5 119.7
130 96.6 64.1 119.1

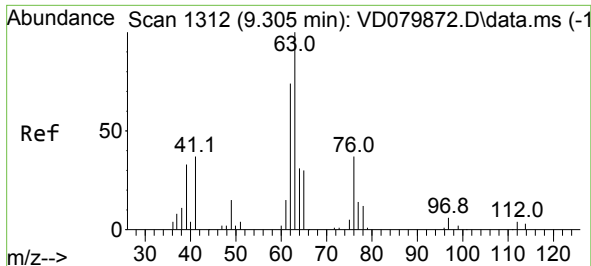


#35
Methylcyclohexane
Concen: 23.834 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33



Tgt Ion: 83 Resp: 88136
Ion Ratio Lower Upper
83 100
55 72.5 58.9 88.3
98 48.6 38.6 58.0

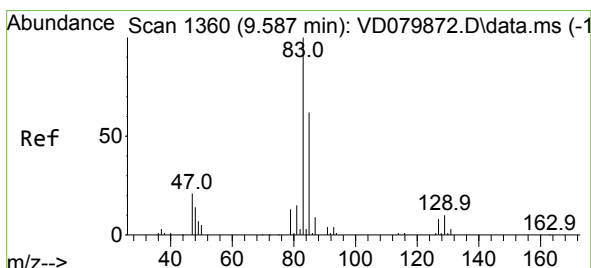
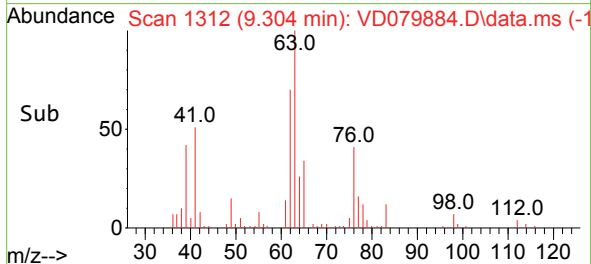
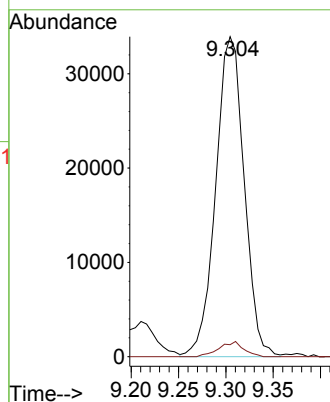
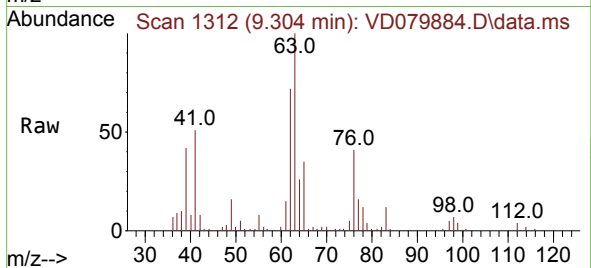




#37
1,2-Dichloropropane
Concen: 26.267 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

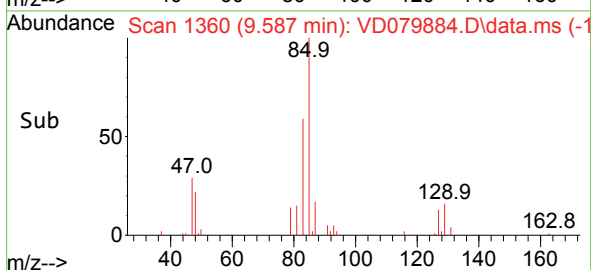
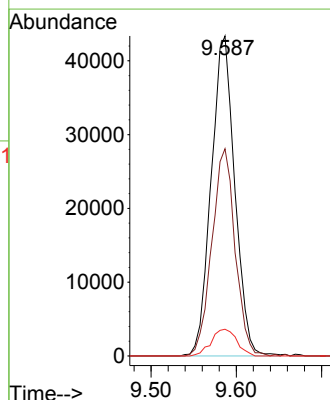
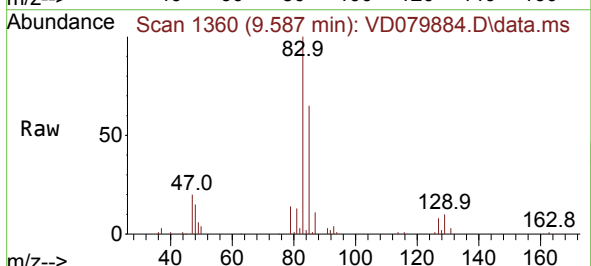
Instrument :
MSVOA_D
ClientSampleId :

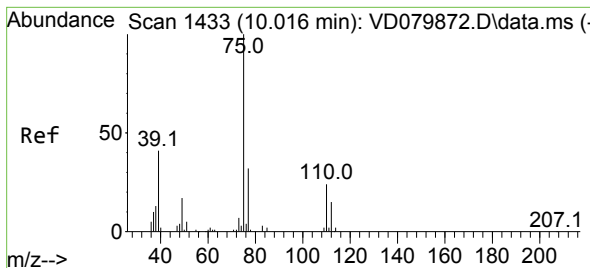
Tgt Ion: 63 Resp: 71041
Ion Ratio Lower Upper
63 100
112 4.1 0.0 0.0#



#38
Bromodichloromethane
Concen: 26.433 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion: 83 Resp: 83301
Ion Ratio Lower Upper
83 100
85 64.7 45.9 85.3
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.573 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

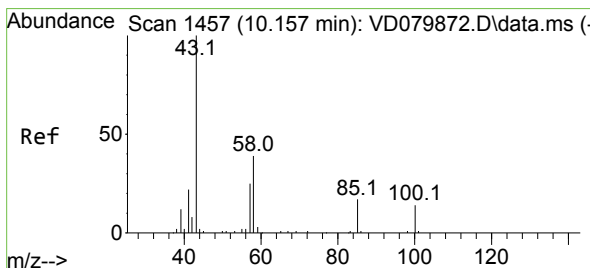
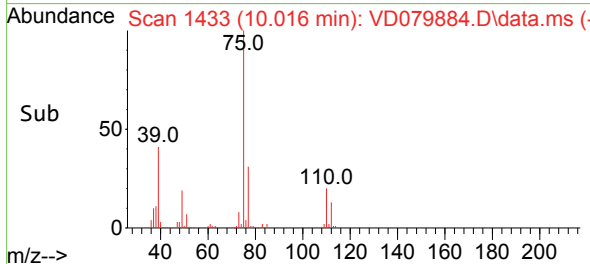
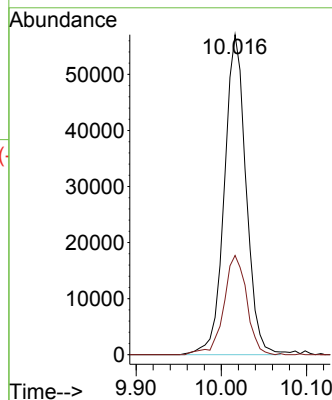
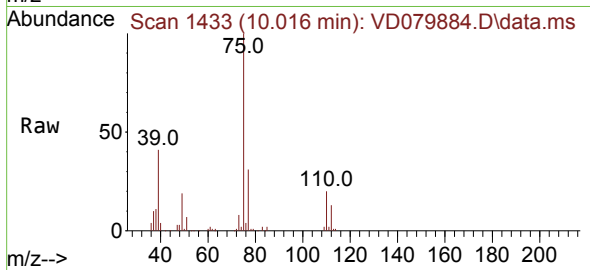
ClientSampleId :

Tgt Ion: 75 Resp: 100920

Ion Ratio Lower Upper

75 100

77 31.0 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 53.534 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

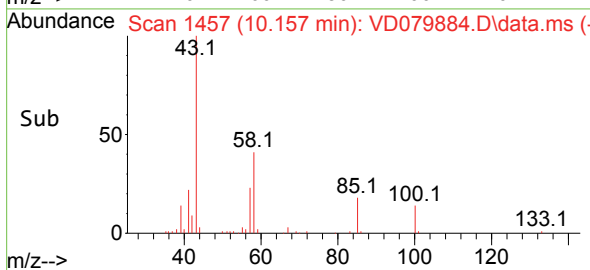
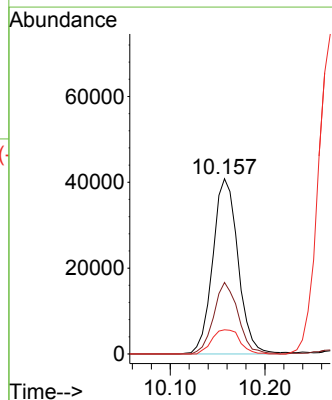
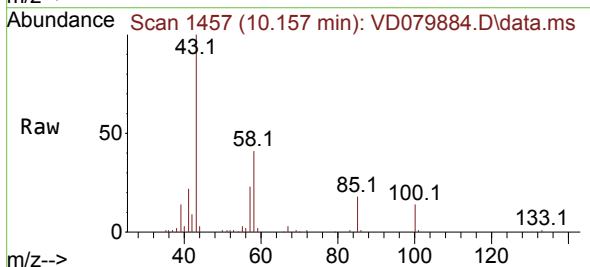
Tgt Ion: 43 Resp: 75790

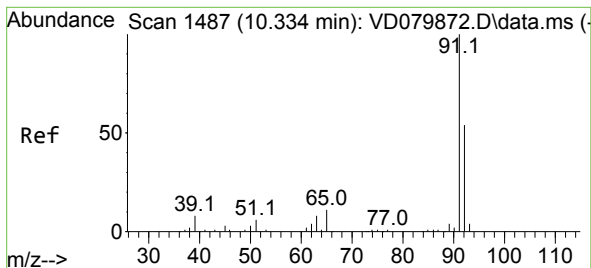
Ion Ratio Lower Upper

43 100

58 39.4 31.1 46.7

100 15.2 11.8 17.6





#42

Toluene

Concen: 26.464 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

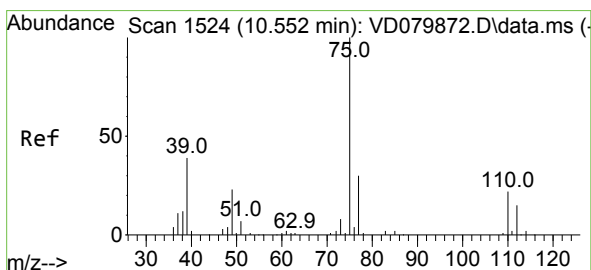
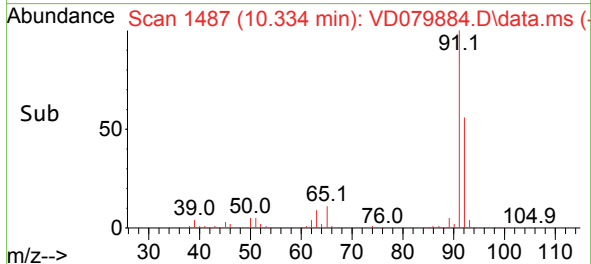
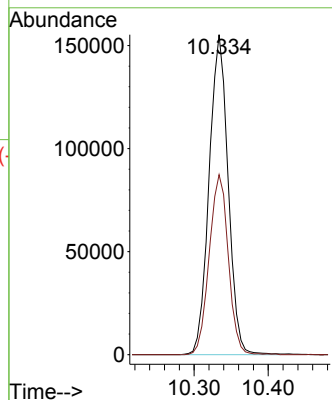
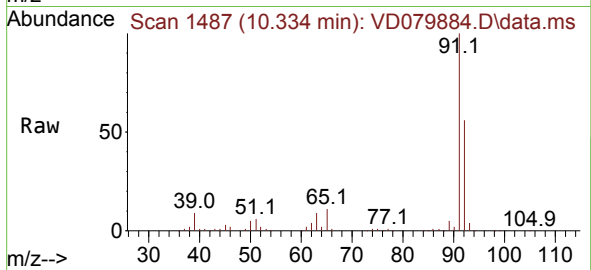
ClientSampleId :

Tgt Ion: 91 Resp: 276446

Ion Ratio Lower Upper

91 100

92 56.3 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 27.472 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079884.D

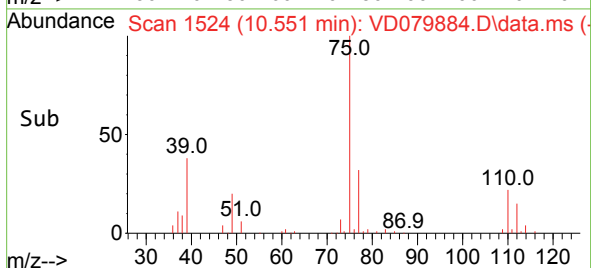
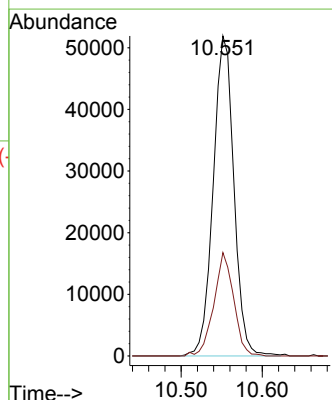
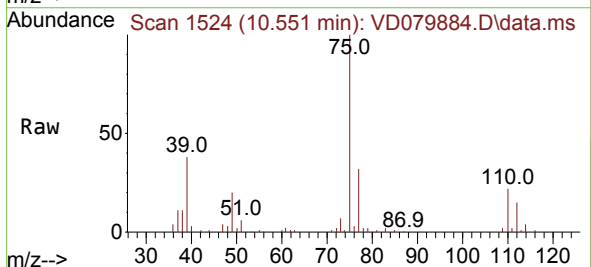
Acq: 24 Sep 2024 18:33

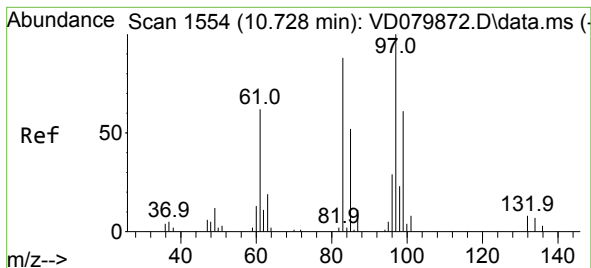
Tgt Ion: 75 Resp: 91949

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 26.571 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 49097

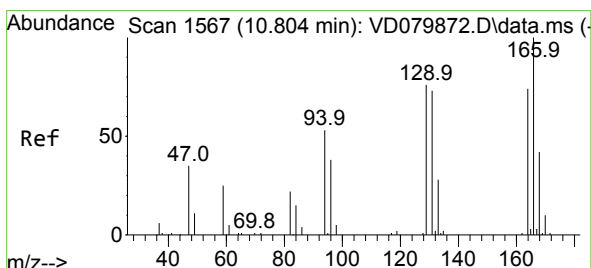
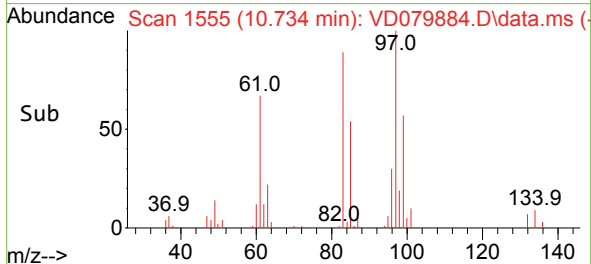
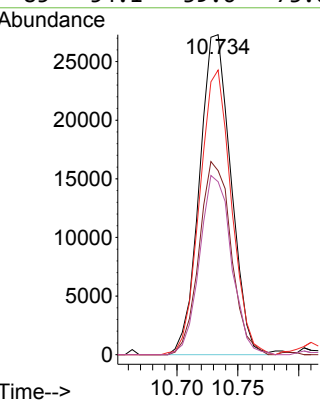
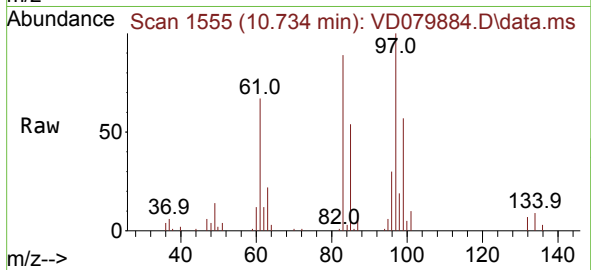
Ion Ratio Lower Upper

97 100

99 57.5 45.1 83.7

83 89.0 65.2 121.0

85 54.1 39.6 73.6



#46

Tetrachloroethene

Concen: 25.110 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Tgt Ion:164 Resp: 39064

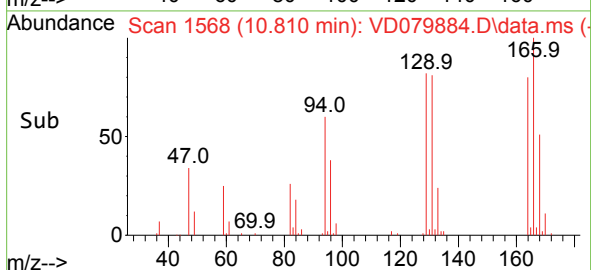
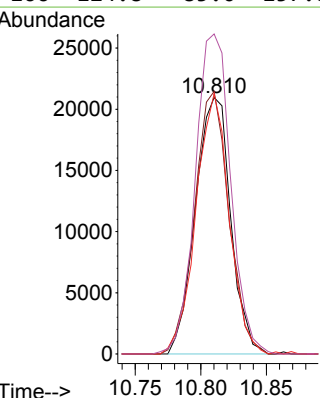
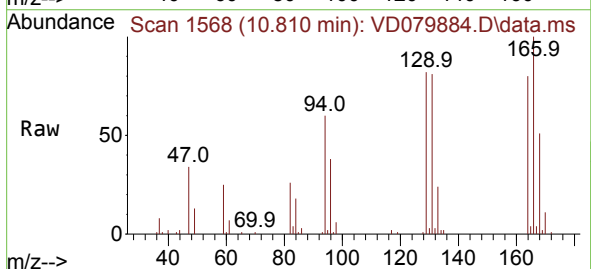
Ion Ratio Lower Upper

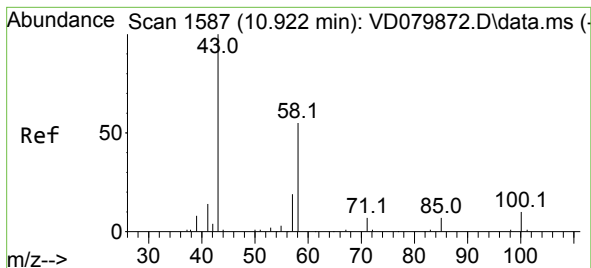
164 100

129 102.4 68.7 127.5

131 101.5 62.5 116.1

166 124.8 85.0 157.8





#48

2-Hexanone

Concen: 50.797 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

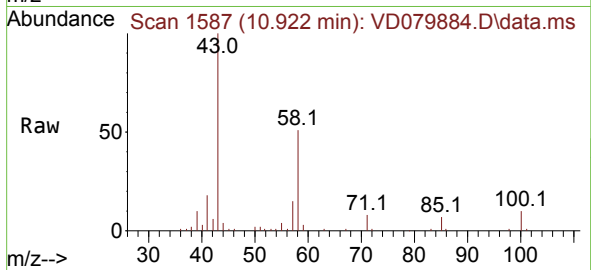
Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 58497

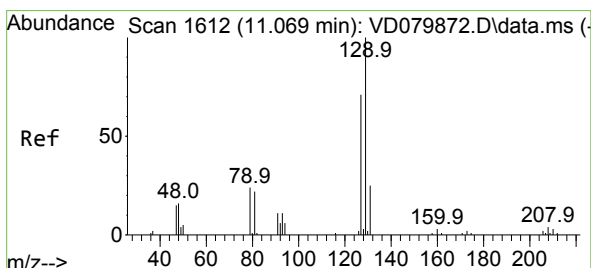
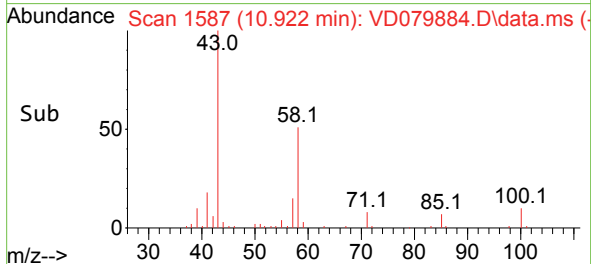
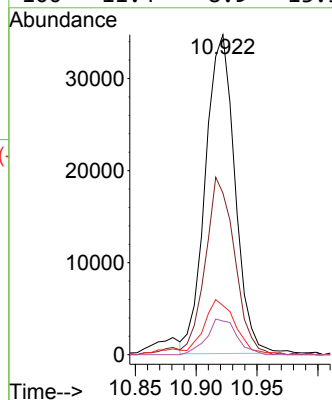
Ion Ratio Lower Upper

43 100

58 55.2 44.7 67.1

57 16.9 13.6 20.4

100 11.4 8.9 13.3



#49

Dibromochloromethane

Concen: 27.183 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD079884.D

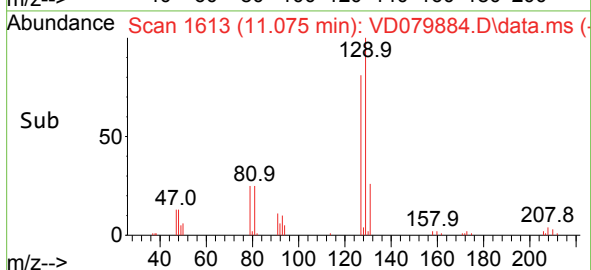
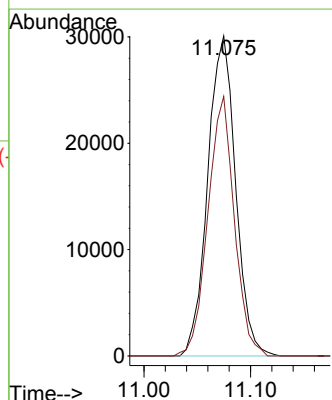
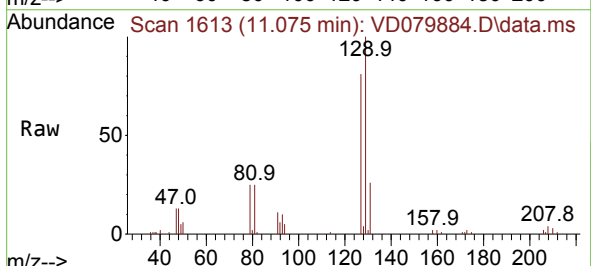
Acq: 24 Sep 2024 18:33

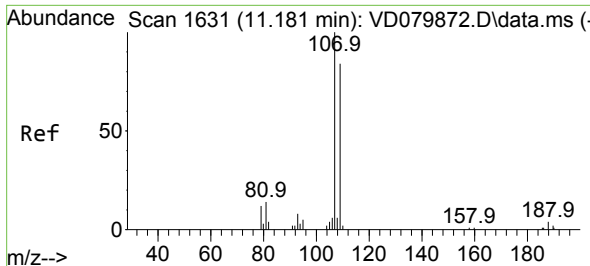
Tgt Ion: 129 Resp: 54824

Ion Ratio Lower Upper

129 100

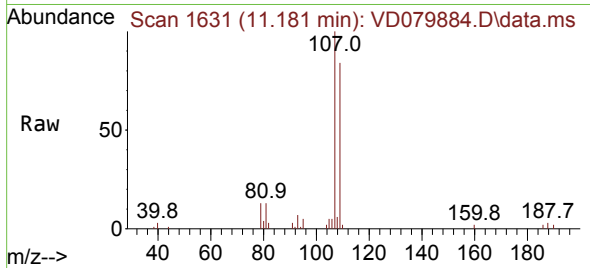
127 81.1 55.2 102.6



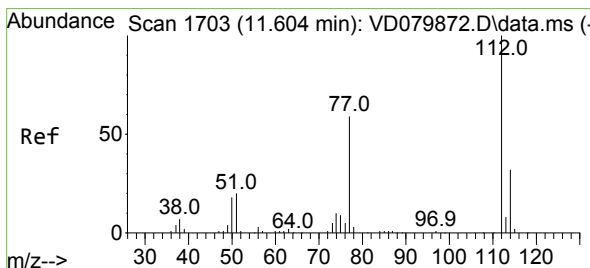
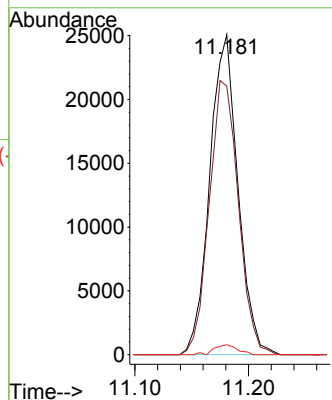
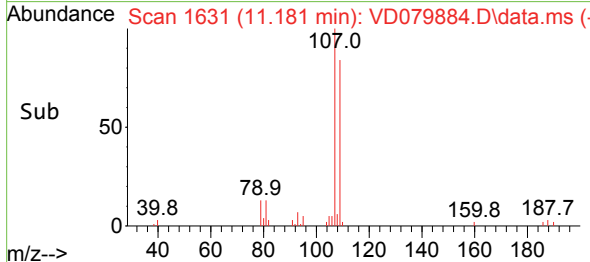


#50
1,2-Dibromoethane
Concen: 27.117 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

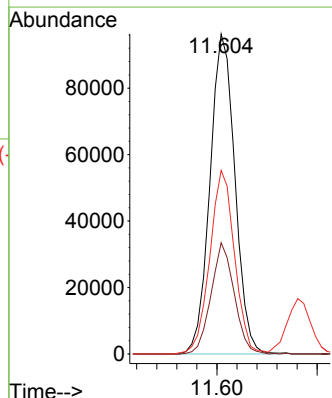
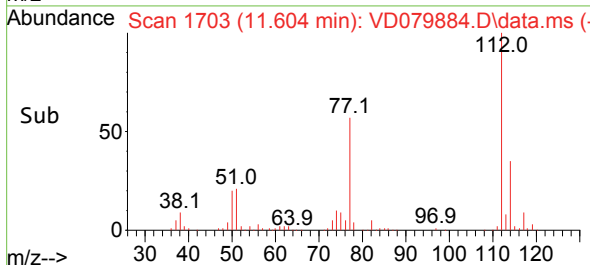
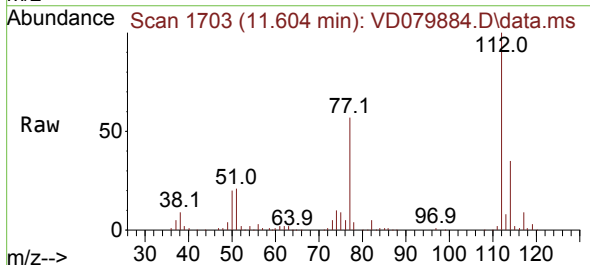


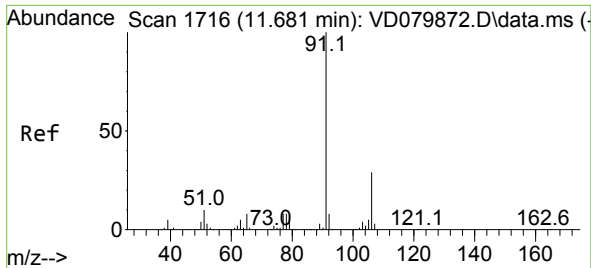
Tgt Ion:107 Resp: 43277
Ion Ratio Lower Upper
107 100
109 84.0 61.5 114.1
188 3.1 2.3 3.5



#51
Chlorobenzene
Concen: 26.536 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:112 Resp: 166356
Ion Ratio Lower Upper
112 100
114 34.7 22.0 41.0
77 57.4 46.7 70.1

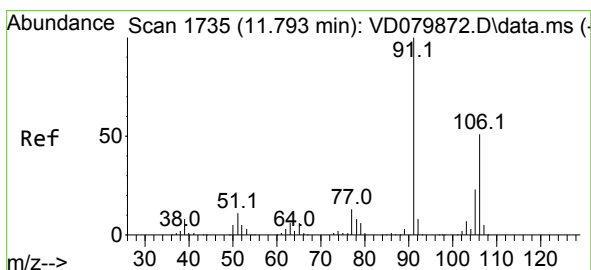
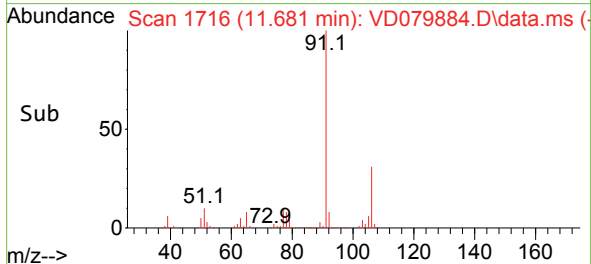
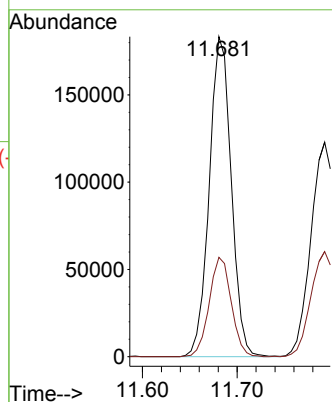
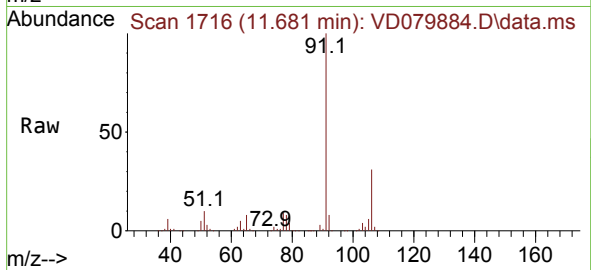




#52
Ethylbenzene
Concen: 27.006 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

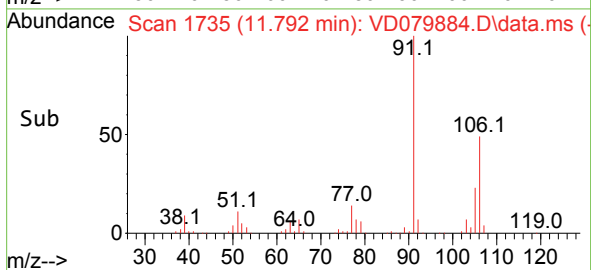
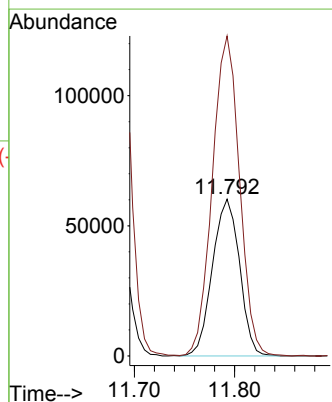
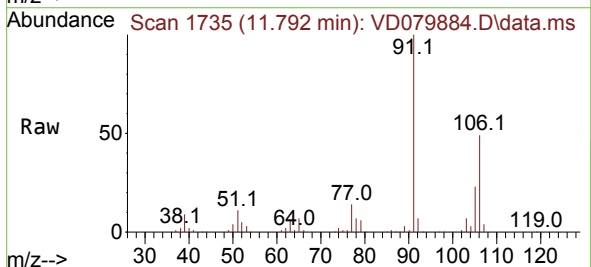
Instrument :
MSVOA_D
ClientSampleId :

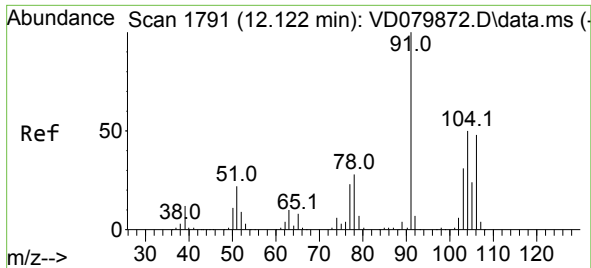
Tgt Ion: 91 Resp: 296353
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 27.229 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion: 106 Resp: 113177
Ion Ratio Lower Upper
106 100
91 204.1 138.3 256.9

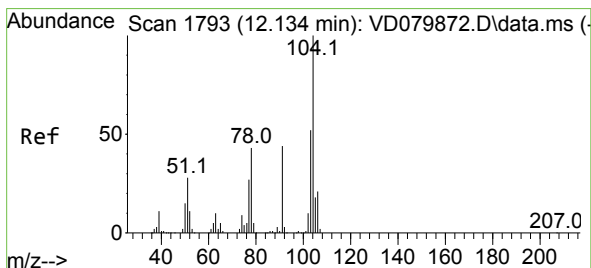
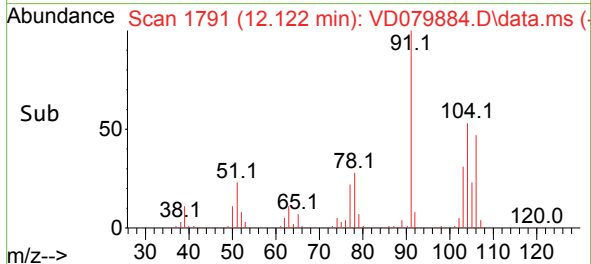
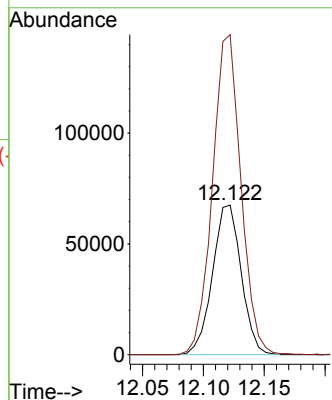
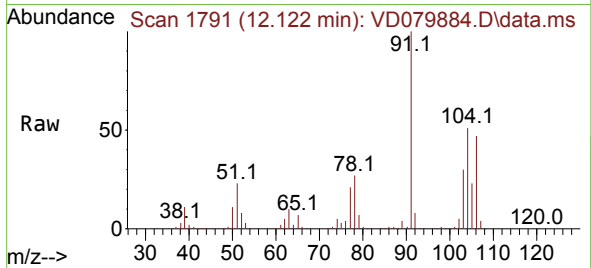




#54
o-Xylene
Concen: 27.191 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

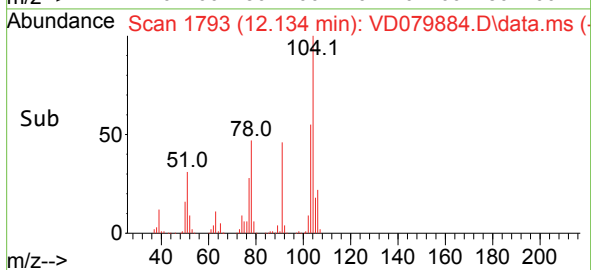
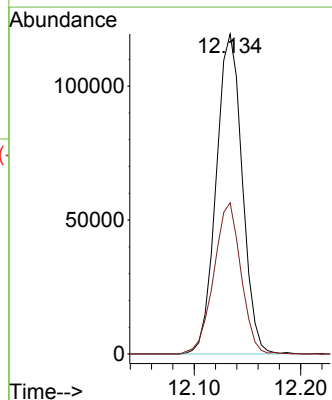
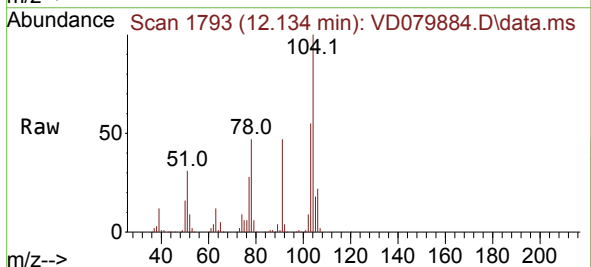
Instrument :
MSVOA_D
ClientSampleId :

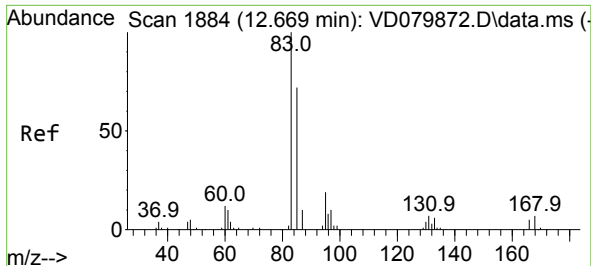
Tgt Ion:106 Resp: 110814
Ion Ratio Lower Upper
106 100
91 213.8 152.6 283.4



#55
Styrene
Concen: 28.277 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:104 Resp: 202533
Ion Ratio Lower Upper
104 100
78 47.3 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 27.674 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079884.D

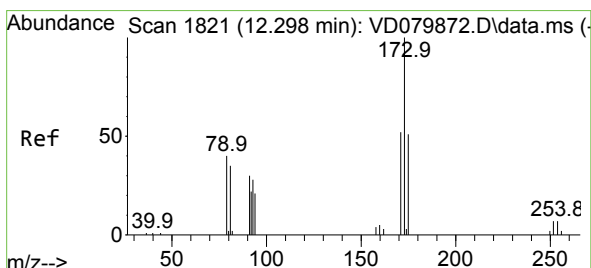
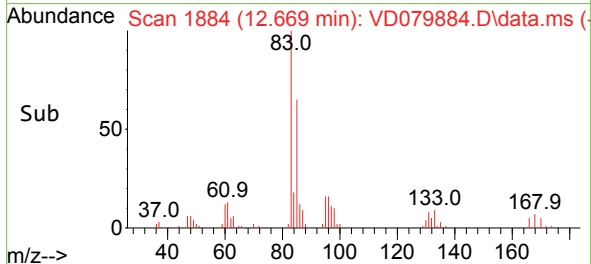
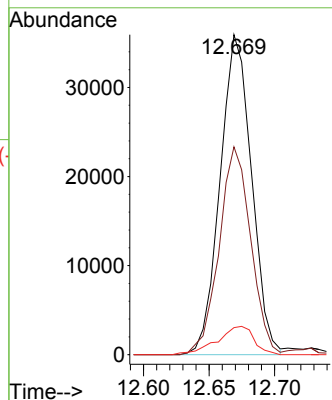
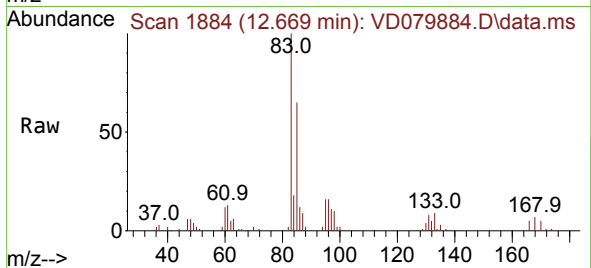
Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	59939
Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.8	87.0
131	8.5	6.5	9.7



#59

Bromoform

Concen: 25.129 ug/L

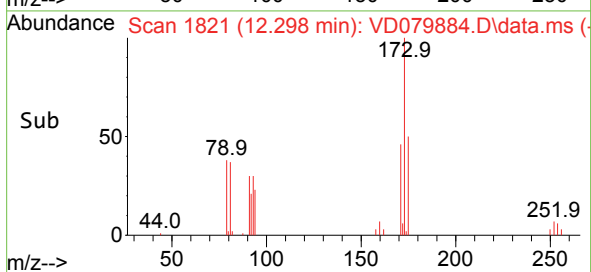
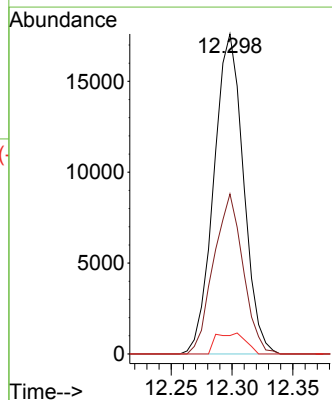
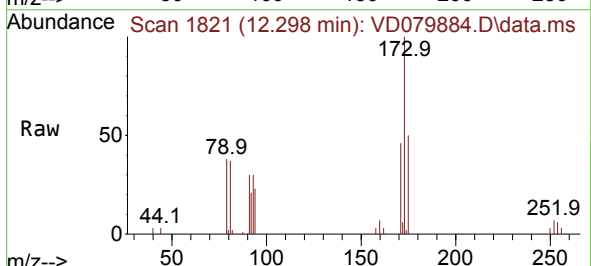
RT: 12.298 min Scan# 1821

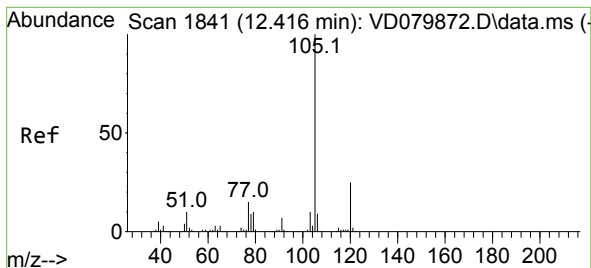
Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Tgt Ion:	173	Resp:	29817
Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.2	58.8
254	4.0	5.5	8.3





#60

Isopropylbenzene

Concen: 25.212 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079884.D

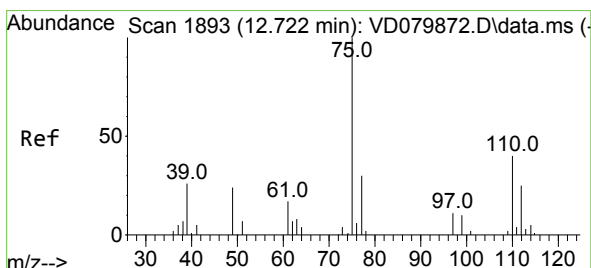
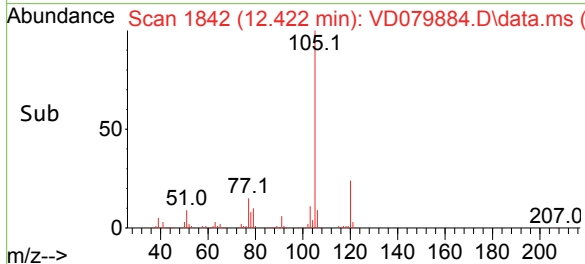
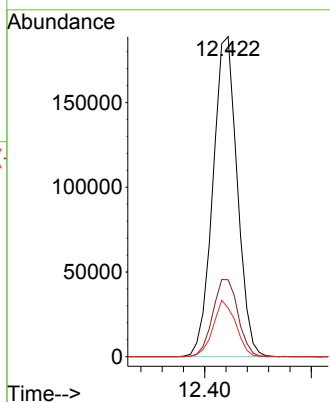
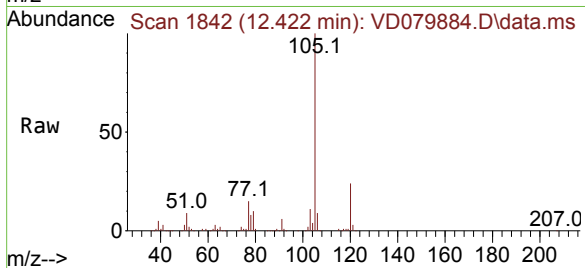
Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	299199
Ion Ratio	Lower	Upper	
105	100		
120	25.0	20.9	31.3
77	16.4	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 24.039 ug/L

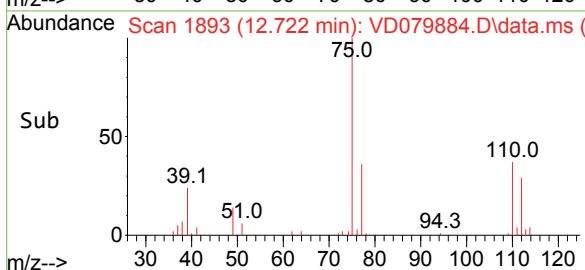
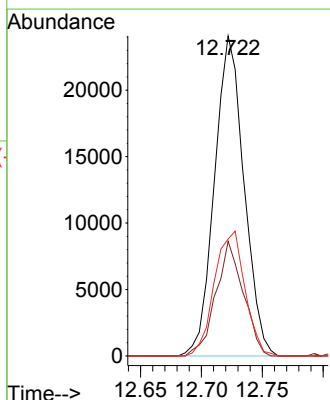
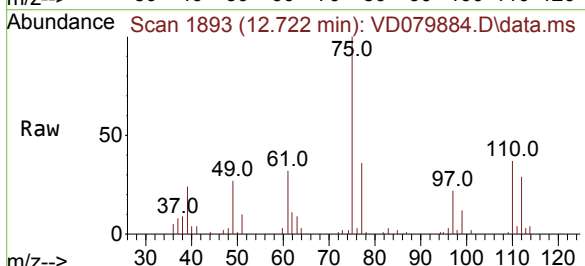
RT: 12.722 min Scan# 1893

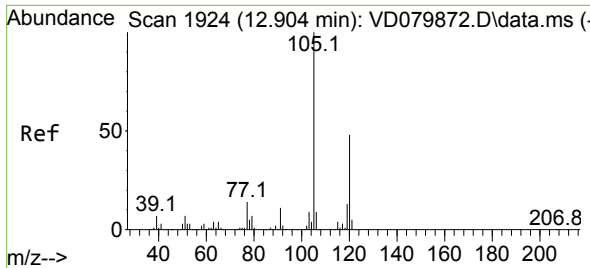
Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

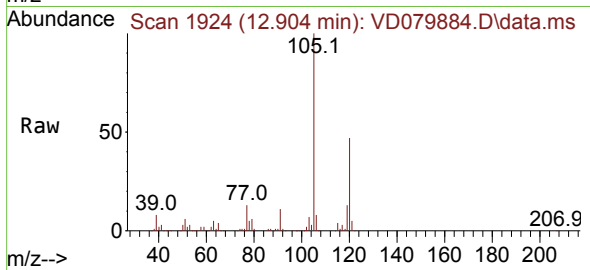
Tgt Ion:	75	Resp:	40615
Ion Ratio	Lower	Upper	
75	100		
77	33.5	25.1	37.7
110	40.4	30.1	45.1



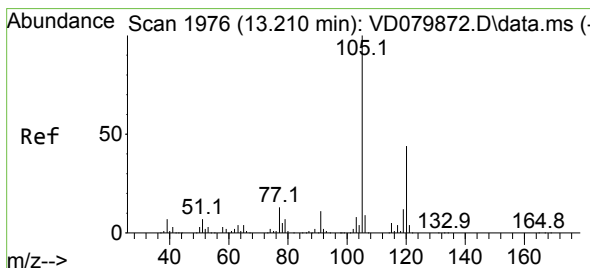
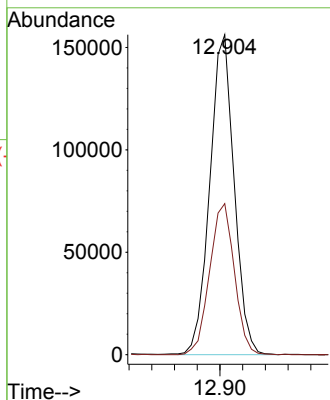
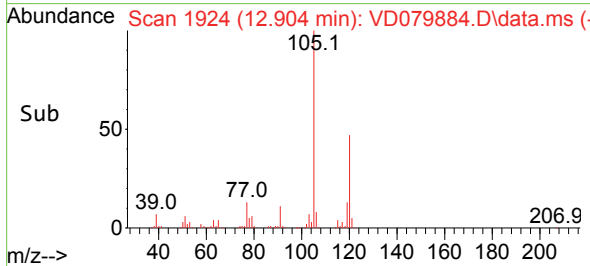


#62
1,3,5-Trimethylbenzene
Concen: 26.782 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

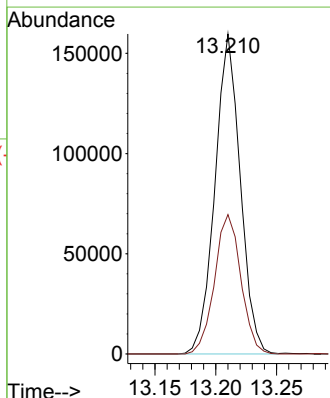
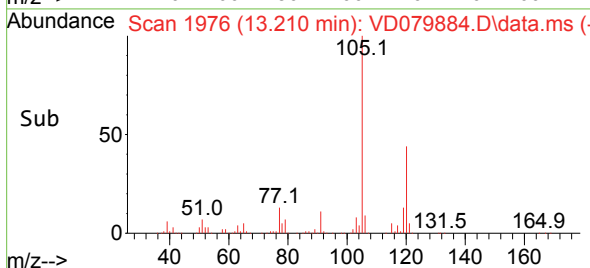
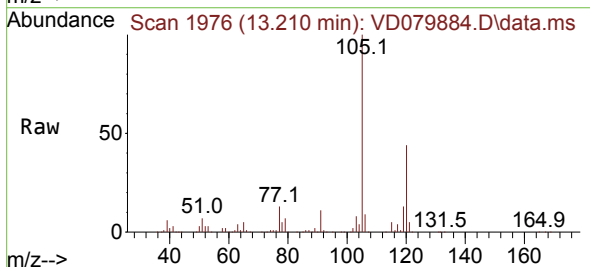


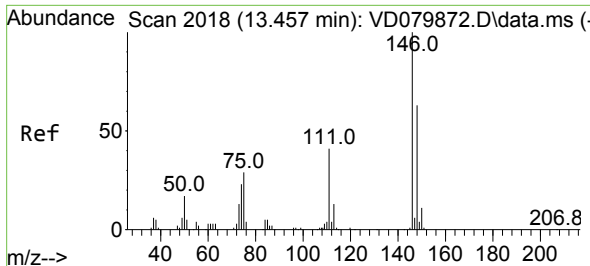
Tgt Ion:105 Resp: 232439
Ion Ratio Lower Upper
105 100
120 48.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.373 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:105 Resp: 230934
Ion Ratio Lower Upper
105 100
120 45.3 36.3 54.5

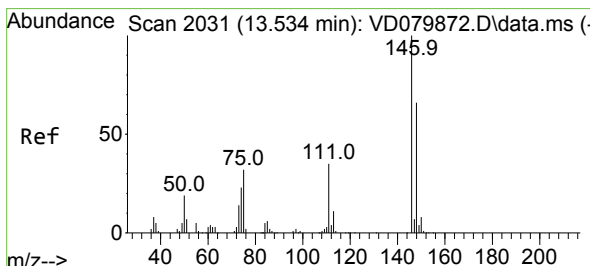
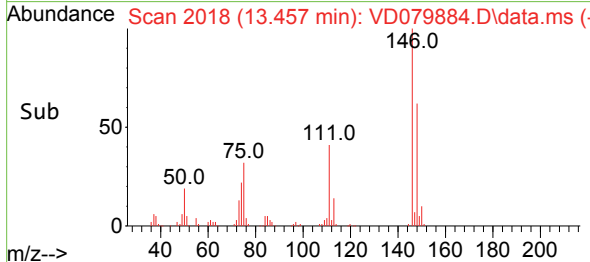
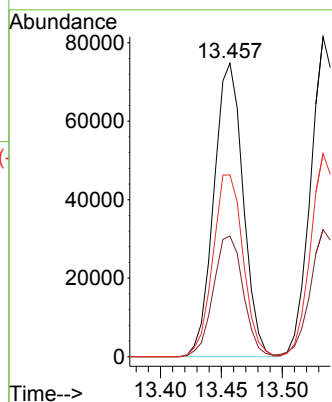
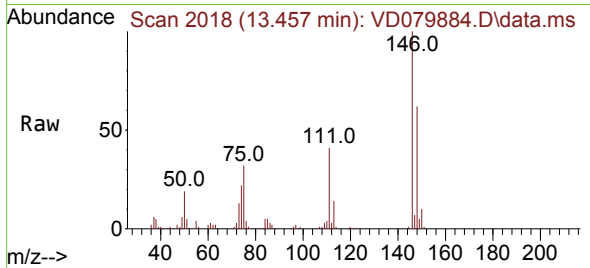




#64
1,3-Dichlorobenzene
Concen: 25.467 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

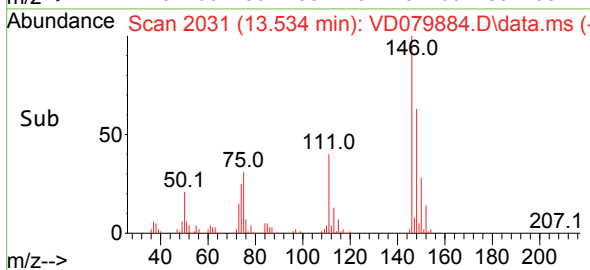
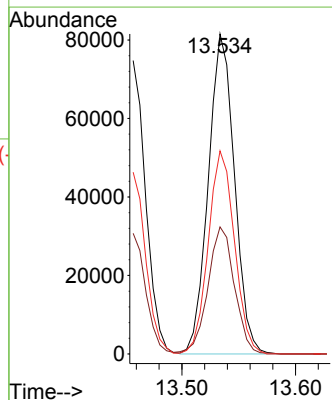
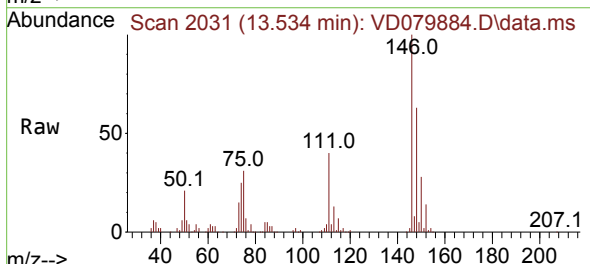
Instrument :
MSVOA_D
ClientSampleId :

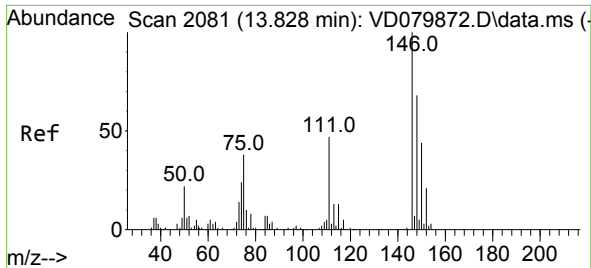
Tgt Ion:146 Resp: 124895
Ion Ratio Lower Upper
146 100
111 41.1 27.4 50.8
148 62.0 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 25.408 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:146 Resp: 130698
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.4
148 63.4 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 25.649 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

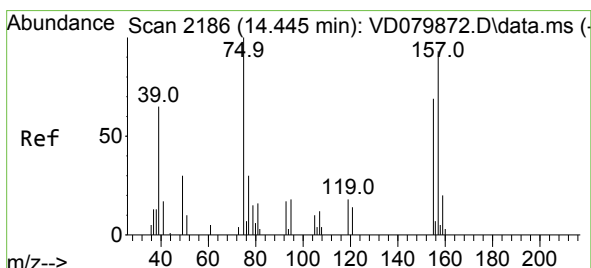
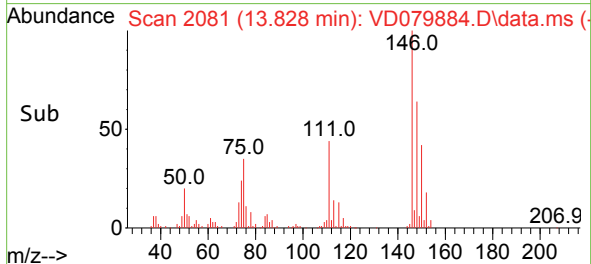
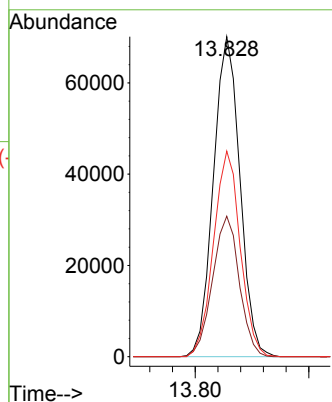
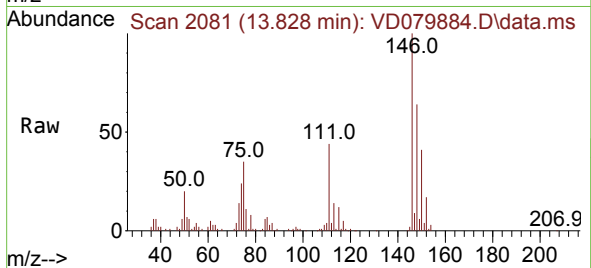
Tgt Ion:146 Resp: 113690

Ion Ratio Lower Upper

146 100

111 43.9 36.9 55.3

148 64.2 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.937 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079884.D

Acq: 24 Sep 2024 18:33

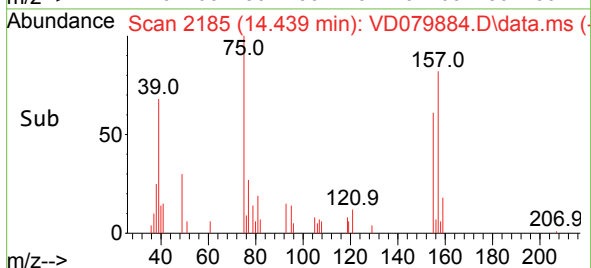
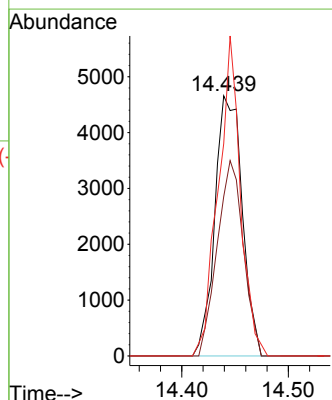
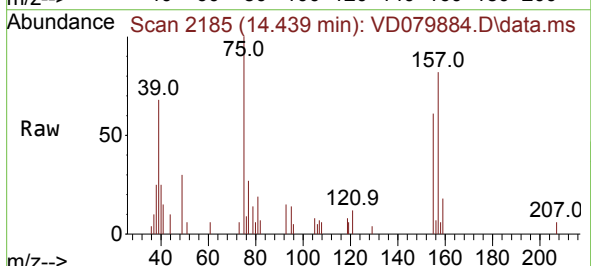
Tgt Ion: 75 Resp: 8275

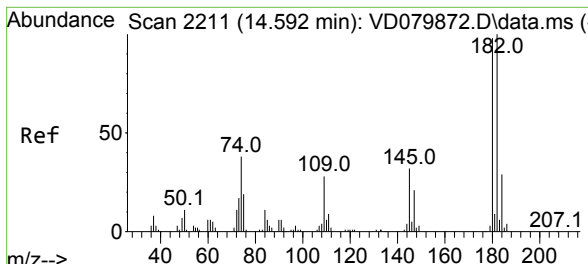
Ion Ratio Lower Upper

75 100

155 61.3 57.2 85.8

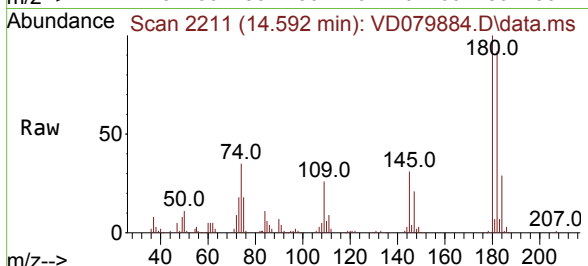
157 81.6 59.7 89.5



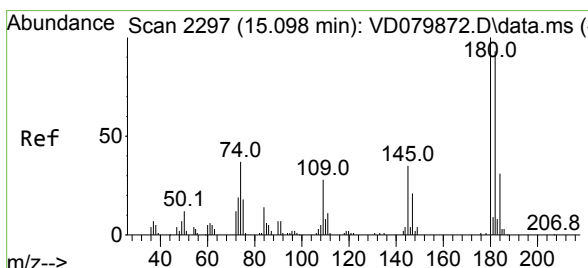
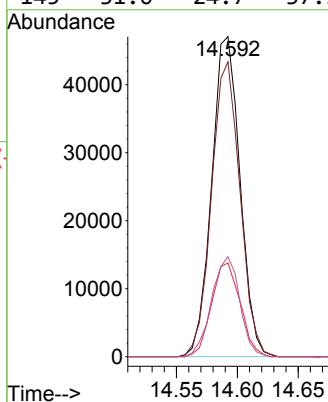
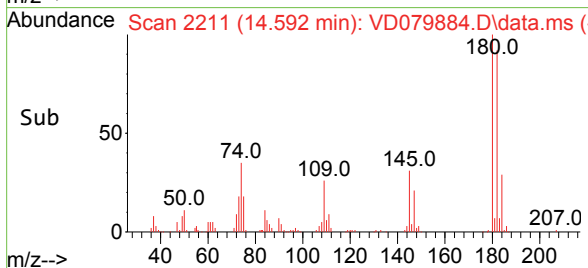


#69
 1,3,5-Trichlorobenzene
 Concen: 25.608 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33

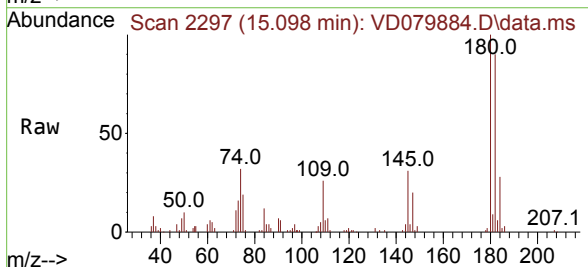
Instrument :
 MSVOA_D
 ClientSampleId :



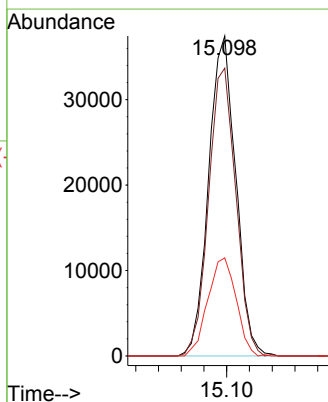
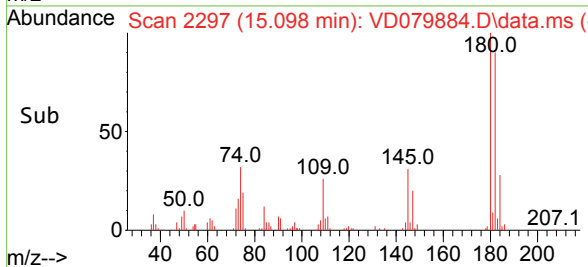
Tgt Ion:180 Resp: 76148
 Ion Ratio Lower Upper
 180 100
 182 92.6 72.6 109.0
 184 29.6 24.2 36.2
 145 31.0 24.7 37.1

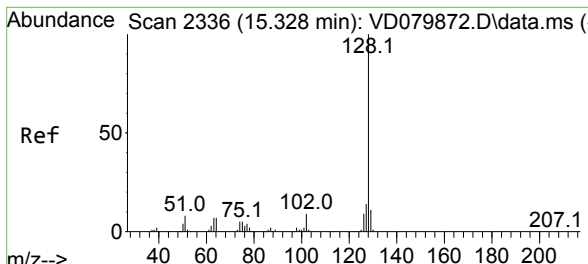


#70
 1,2,4-trichlorobenzene
 Concen: 24.821 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079884.D
 Acq: 24 Sep 2024 18:33



Tgt Ion:180 Resp: 62143
 Ion Ratio Lower Upper
 180 100
 182 90.2 75.9 113.9
 145 31.9 26.6 40.0

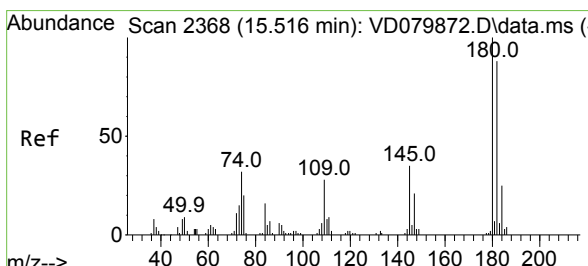
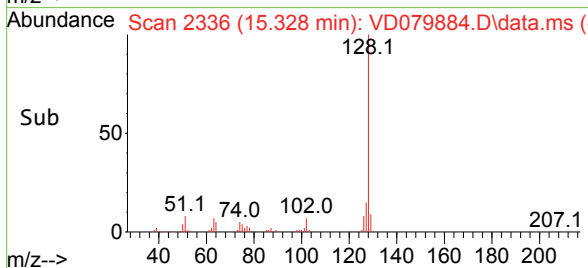
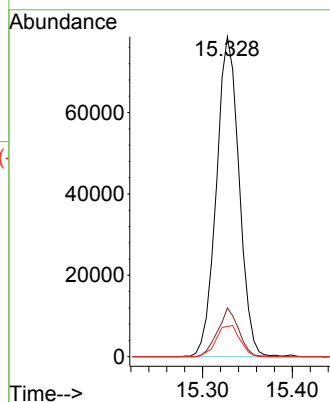
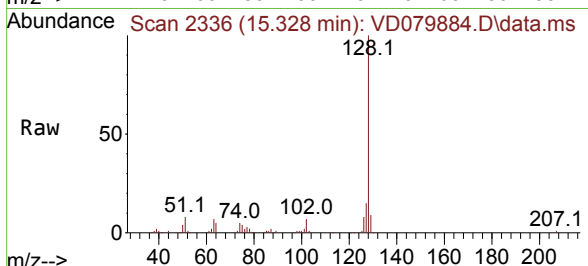




#71
Naphthalene
Concen: 24.758 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 138444
Ion Ratio	Lower Upper
128	100
127	14.0 11.2 16.8
129	10.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.470 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079884.D
Acq: 24 Sep 2024 18:33

Tgt Ion:180	Resp: 59280
Ion Ratio	Lower Upper
180	100
182	92.8 74.1 111.1
145	34.2 26.4 39.6

