

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032287.D
 Acq On : 06 Oct 2023 06:43
 Operator : SY/MD
 Sample : 04748-30MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MS

Quant Time: Oct 06 07:58:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	85155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	76546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30682	4.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	28551	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.060	65	12505	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.822	46	104002	59.364	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.720%
24) Chloroform-d	4.252	84	65460	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	4.944	65	30277	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.960	84	107536	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.992	67	35939	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.246	98	94044	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.558	79	11780	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	73070	58.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29720	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	29499	4.588	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	50121	5.282	ug/L	98
3) Chloromethane	1.217	50	54988	5.748	ug/L	98
5) Vinyl chloride	1.282	62	50264	5.509	ug/L	99
6) Bromomethane	1.487	94	28773	5.221	ug/L	99
8) Chloroethane	1.548	64	30245	5.506	ug/L	99
9) Trichlorofluoromethane	1.712	101	54874	5.015	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29618	4.467	ug/L	99
12) 1,1-Dichloroethene	2.069	96	32338	5.178	ug/L	95
13) Acetone	2.150	43	73744	54.613	ug/L	100
14) Carbon disulfide	2.240	76	97361	4.460	ug/L	99
15) Methyl Acetate	2.388	43	17925	5.897	ug/L	98
16) Methylene chloride	2.445	84	39382	4.837	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	94981	5.586	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	34243	4.787	ug/L	98
19) 1,1-Dichloroethane	3.111	63	71213	5.292	ug/L	99
21) 2-Butanone	3.905	43	114861	54.395	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	37332	4.847	ug/L	94
23) Bromochloromethane	4.150	128	17351	5.355	ug/L	97
25) Chloroform	4.278	83	203550	15.417	ug/L	100

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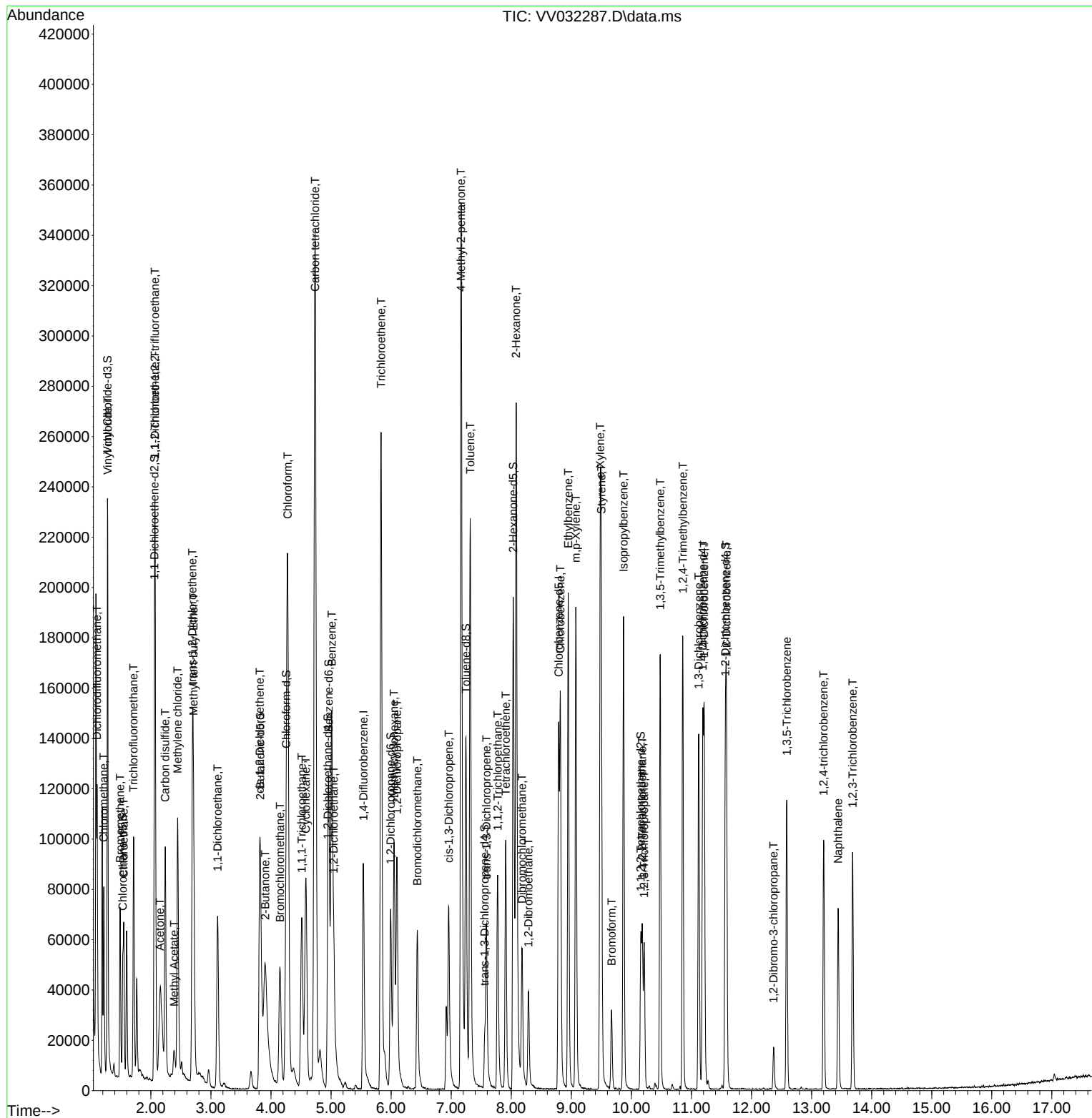
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	41515	5.322	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	57816	5.555	ug/L	99
30) Cyclohexane	4.580	56	44295	3.873	ug/L	98
31) Carbon tetrachloride	4.735	117	260130	29.540	ug/L	100
33) Benzene	5.011	78	151979	5.639	ug/L	100
34) Trichloroethene	5.834	95	100939	13.720	ug/L	97
35) Methylcyclohexane	6.050	83	40584	3.565	ug/L	97
37) 1,2-Dichloropropane	6.098	63	38475	5.338	ug/L	100
38) Bromodichloromethane	6.436	83	46887	5.475	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	48141	4.694	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	273310	59.923	ug/L	99
42) Toluene	7.317	91	170176	5.923	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	39732	4.713	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	28063	5.520	ug/L	96
47) Tetrachloroethene	7.908	164	22860	4.097	ug/L	98
48) 2-Hexanone	8.082	43	195006	60.598	ug/L	100
49) Dibromochloromethane	8.178	129	28044	5.298	ug/L	94
50) 1,2-Dibromoethane	8.288	107	26886	5.591	ug/L	97
51) Chlorobenzene	8.818	112	83246	4.501	ug/L	98
52) Ethylbenzene	8.950	91	138779	4.338	ug/L	99
53) m,p-Xylene	9.075	106	53420	4.502	ug/L	98
54) o-Xylene	9.481	106	51687	4.521	ug/L	100
55) Styrene	9.500	104	85885	4.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	31394	5.612	ug/L	100
59) Bromoform	9.670	173	14095	5.594	ug/L	97
60) Isopropylbenzene	9.870	105	120665	4.481	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23261	6.307	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	92463	4.213	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	96617	4.421	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	56222	4.370	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	56686	4.392	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	54398	4.636	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4207	5.583	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	34440	3.655	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	29410	3.519	ug/L	98
71) Naphthalene	13.442	128	56920	4.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	26818	3.724	ug/L	99

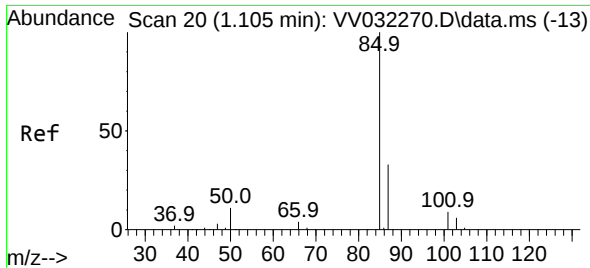
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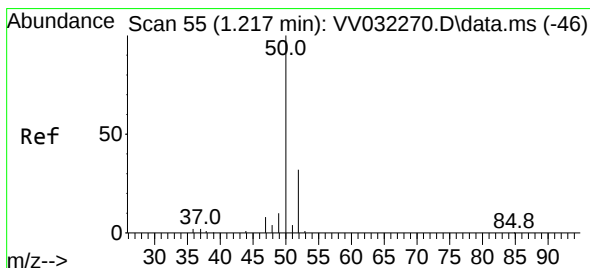
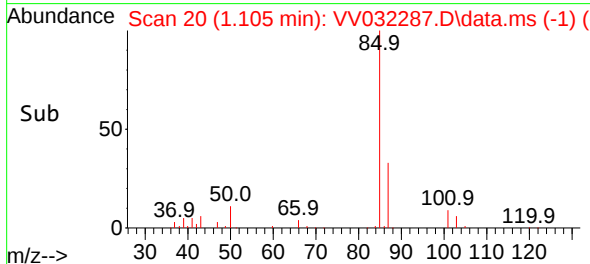
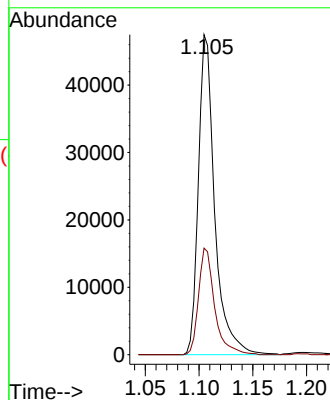
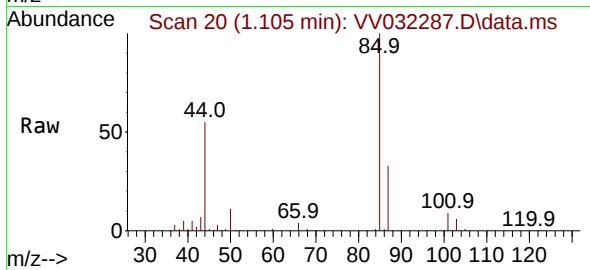




#2
 Dichlorodifluoromethane
 Concen: 5.282 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

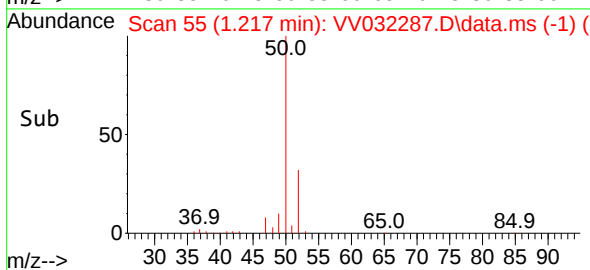
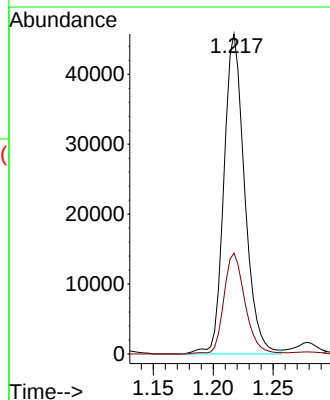
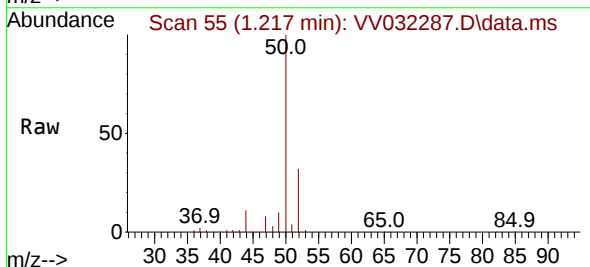
Instrument :
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 ClientSampleId :
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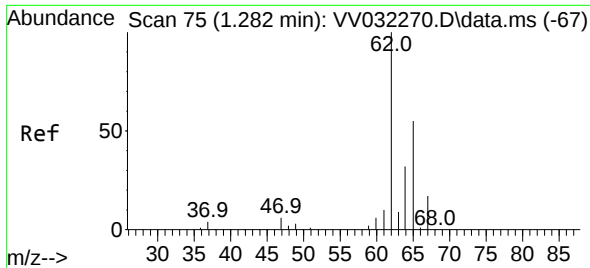
Tgt Ion: 85 Resp: 50121
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.5 38.3



#3
 Chloromethane
 Concen: 5.748 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

Tgt Ion: 50 Resp: 54988
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.0 42.6





#5
 Vinyl chloride
 Concen: 5.509 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

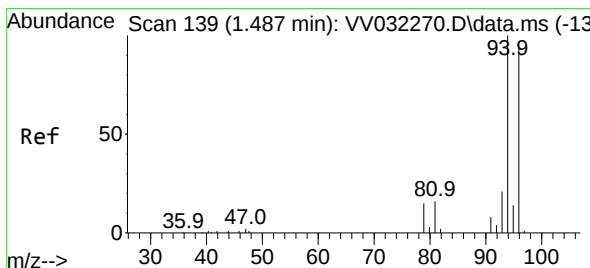
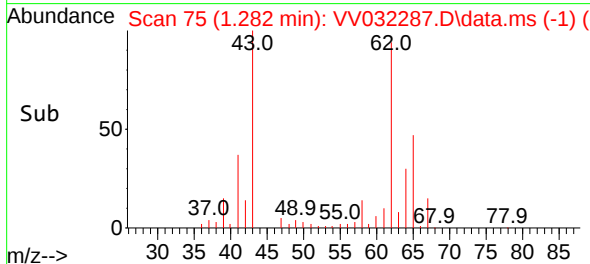
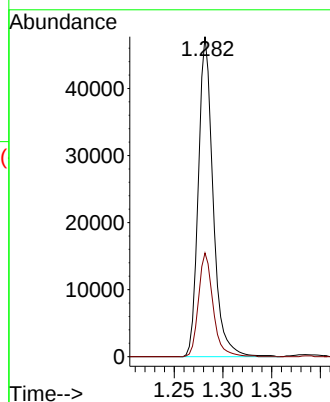
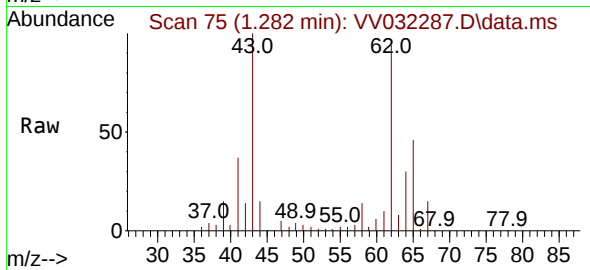
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MSVOA_V

ClientSampleId :

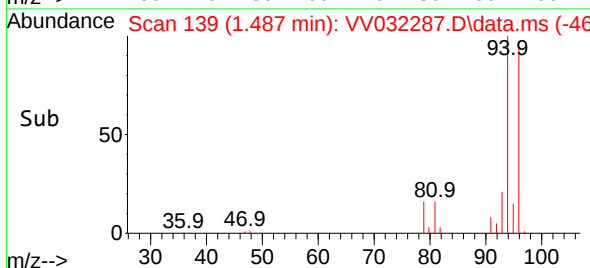
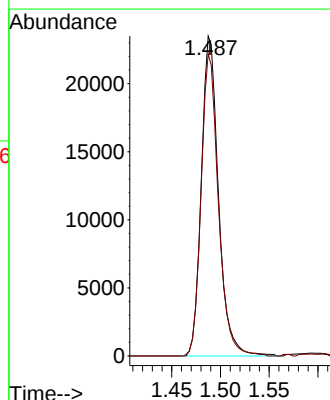
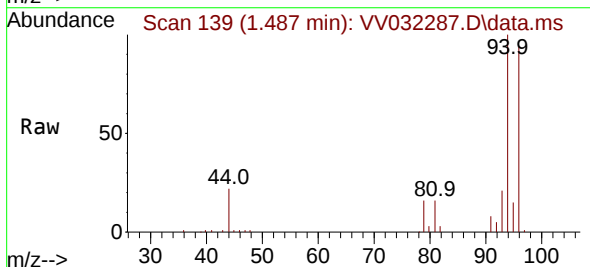
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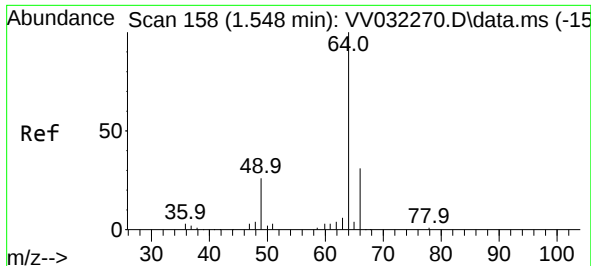
Tgt Ion: 62 Resp: 50264
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 5.221 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

Tgt Ion: 94 Resp: 28773
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.8 124.2

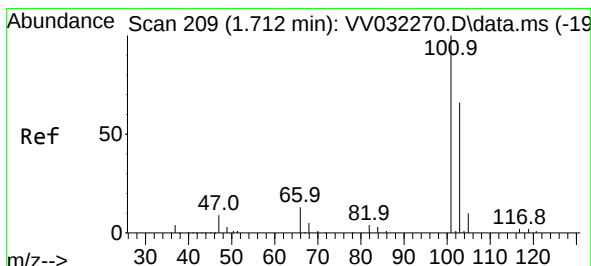
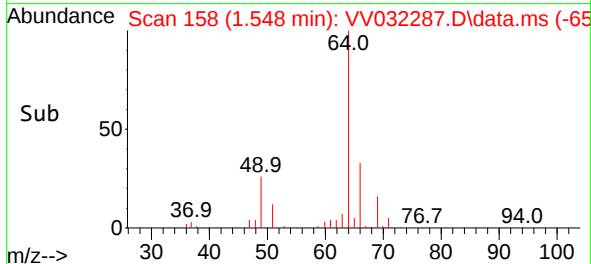
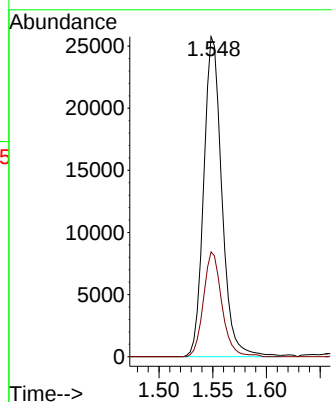
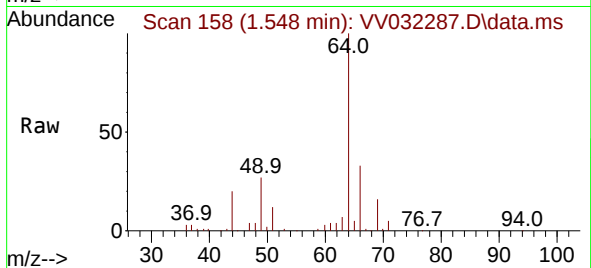




#8
Chloroethane
Concen: 5.506 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

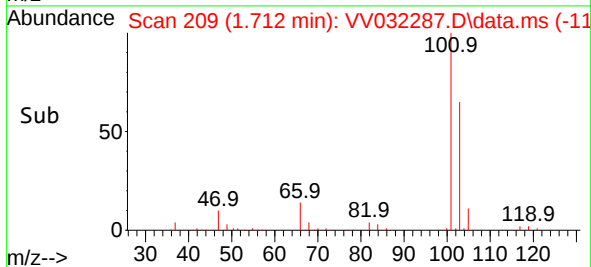
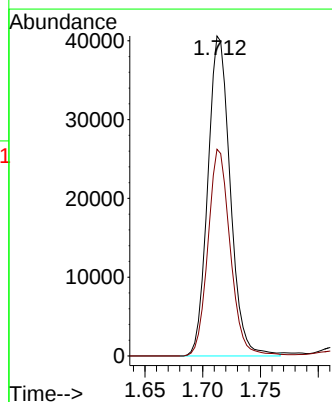
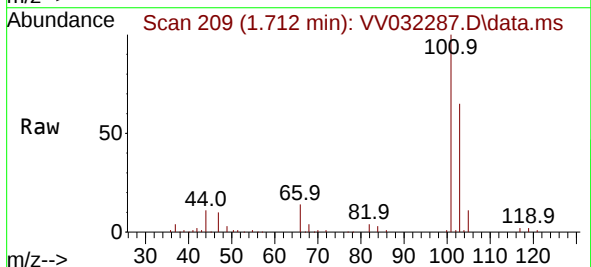
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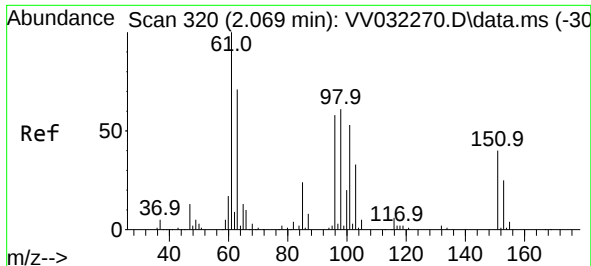
Tgt Ion: 64 Resp: 30245
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.015 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion:101 Resp: 54874
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

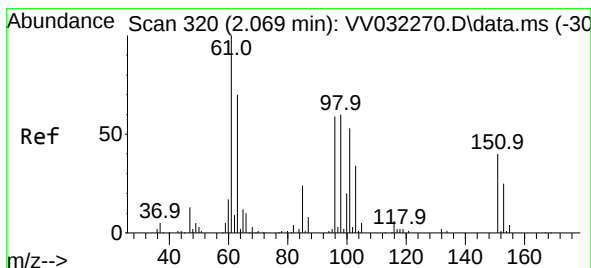
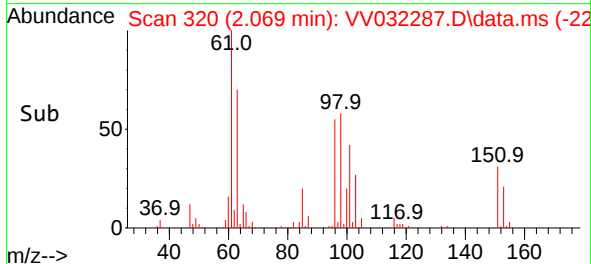
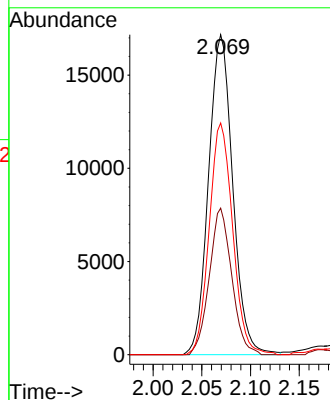
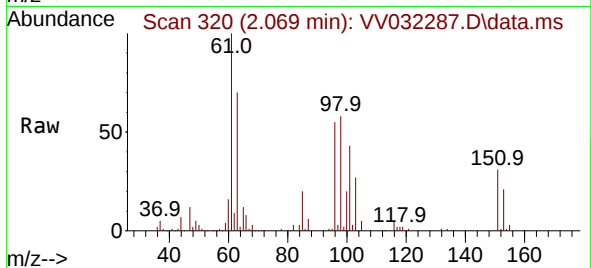




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.467 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

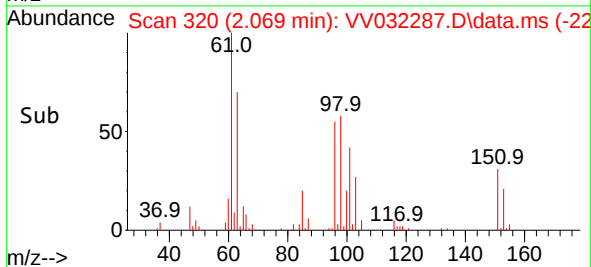
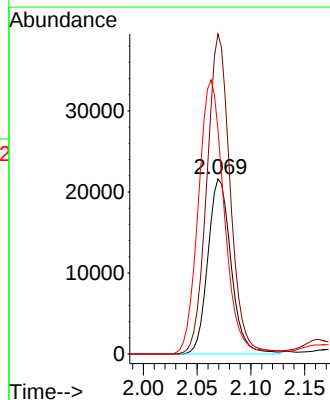
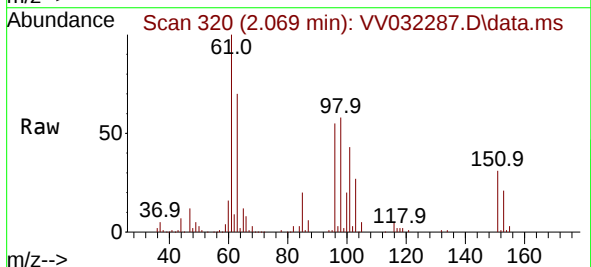
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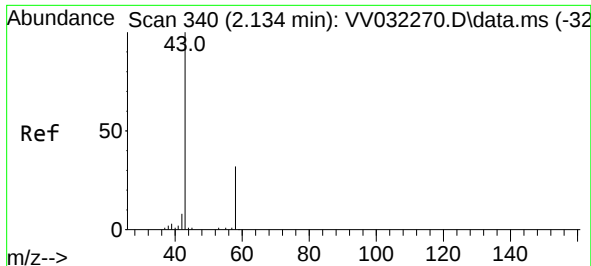
Tgt Ion:101 Resp: 29618
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.0 52.6
 151 70.3 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.178 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

Tgt Ion: 96 Resp: 32338
 Ion Ratio Lower Upper
 96 100
 61 182.8 127.3 236.3
 63 128.1 98.3 182.7





#13

Acetone

Concen: 54.613 ug/L

RT: 2.150 min Scan# 340

Delta R.T. 0.016 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

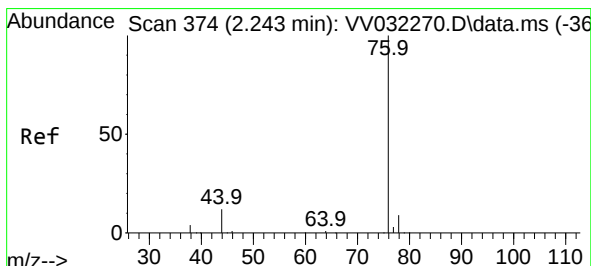
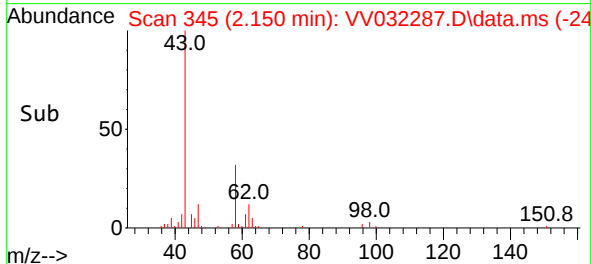
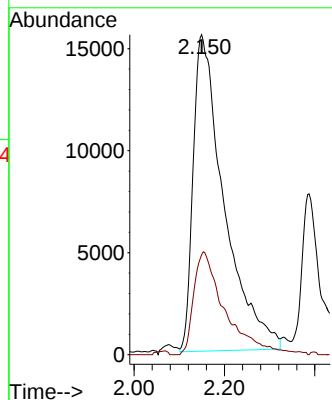
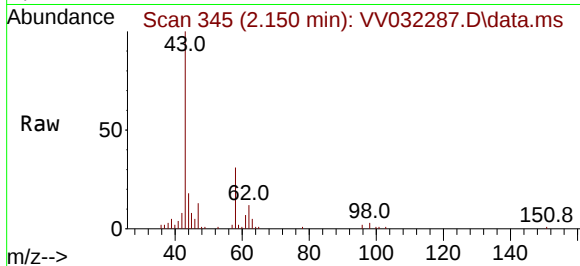
EX874MS

Tgt Ion: 43 Resp: 73744

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.0



#14

Carbon disulfide

Concen: 4.460 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032287.D

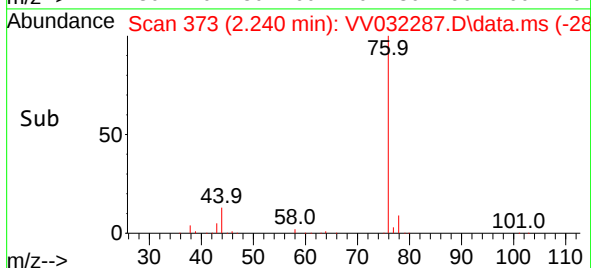
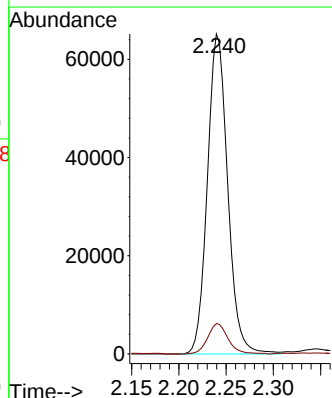
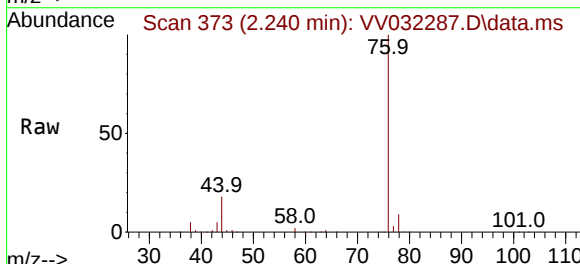
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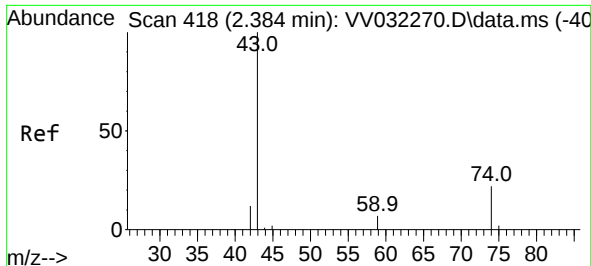
Tgt Ion: 76 Resp: 97361

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

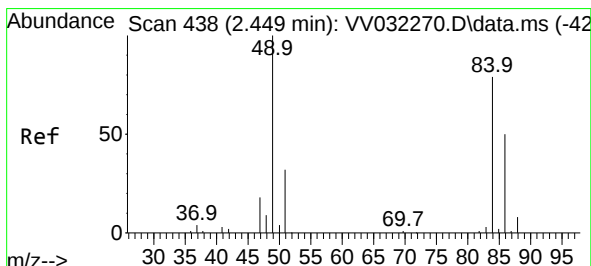
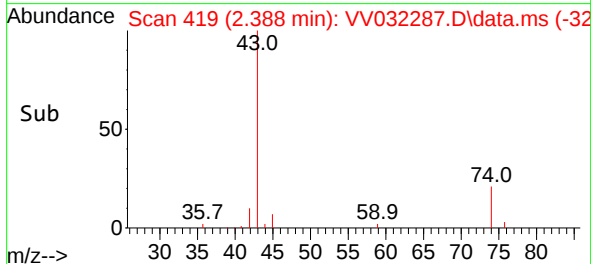
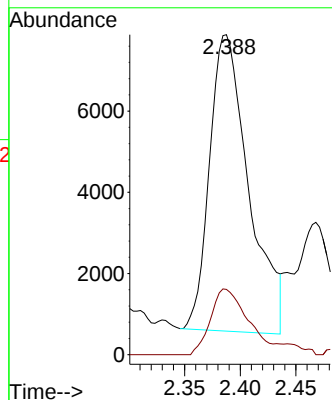
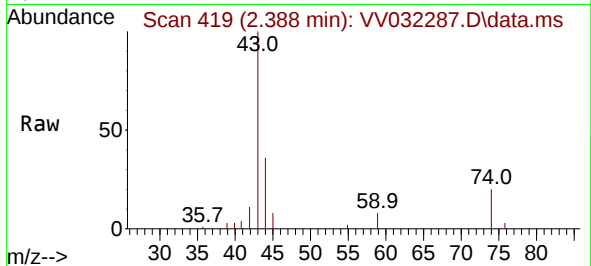




#15
Methyl Acetate
Concen: 5.897 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

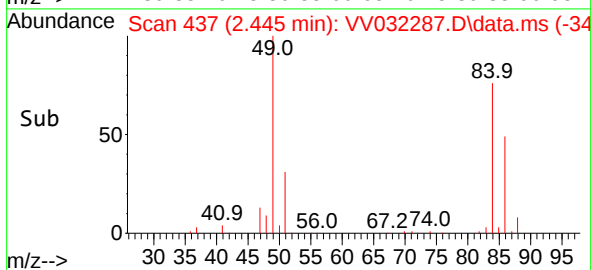
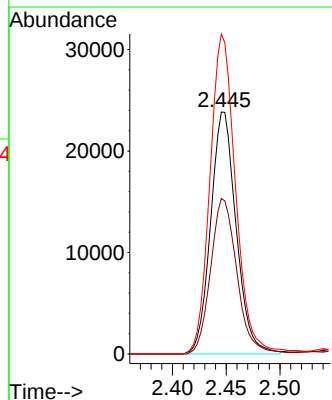
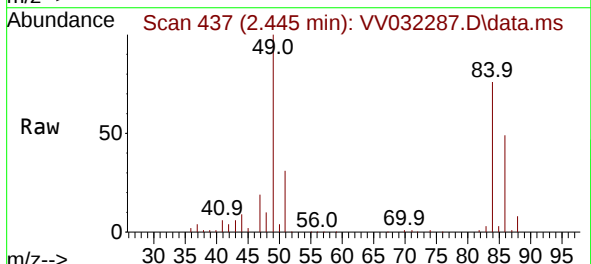
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

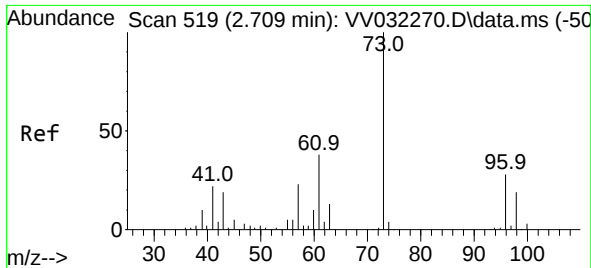
Tgt Ion: 43 Resp: 17925
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0



#16
Methylene chloride
Concen: 4.837 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 84 Resp: 39382
Ion Ratio Lower Upper
84 100
86 64.2 43.2 80.2
49 132.3 86.3 160.3

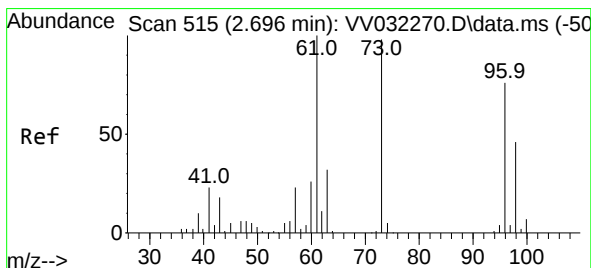
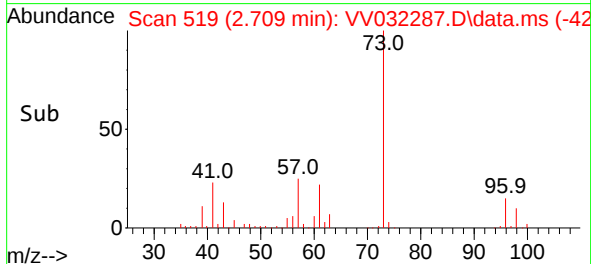
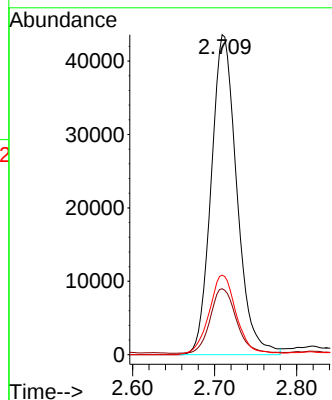
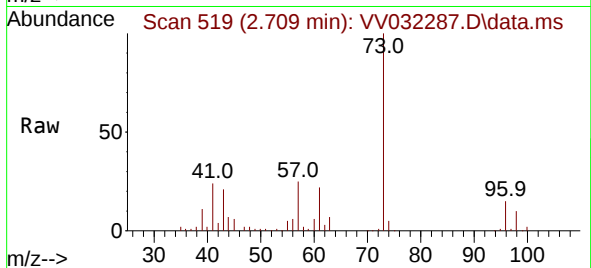




#17
Methyl tert-butyl Ether
Concen: 5.586 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

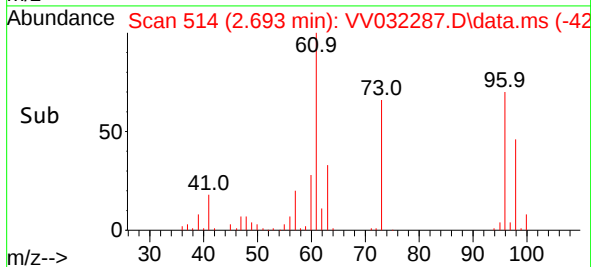
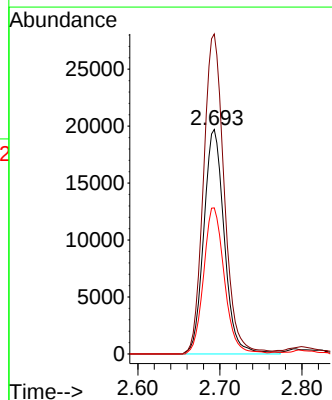
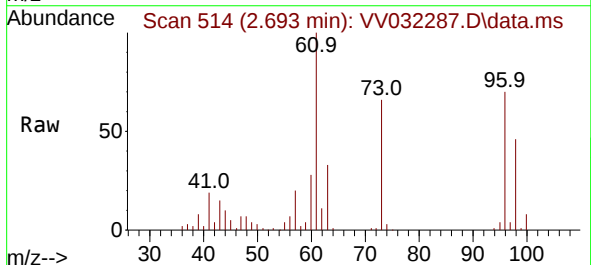
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

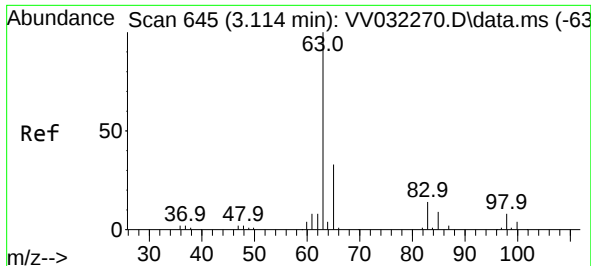
Tgt Ion: 73	Resp: 94981
Ion Ratio	Lower Upper
73	100
43	20.5 15.1 22.7
57	26.7 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.787 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 96	Resp: 34243
Ion Ratio	Lower Upper
96	100
61	142.5 96.9 180.1
98	65.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.292 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

EX874MS

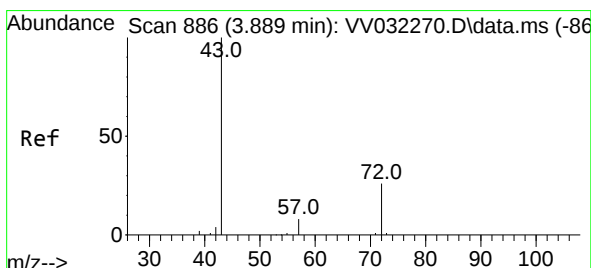
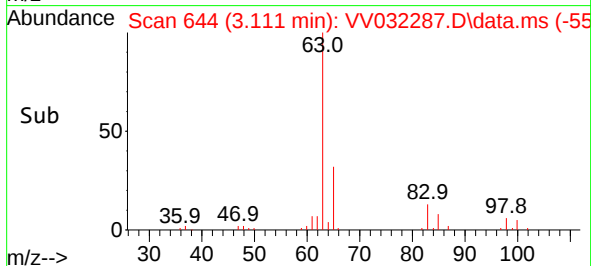
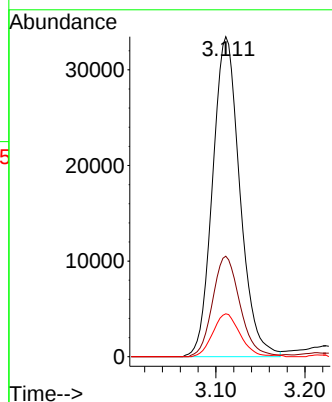
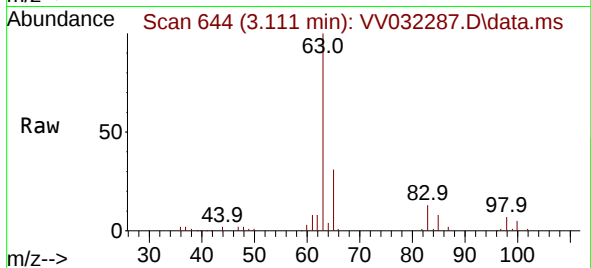
Tgt Ion: 63 Resp: 71213

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 13.4 9.0 16.6



#21

2-Butanone

Concen: 54.395 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.016 min

Lab File: VV032287.D

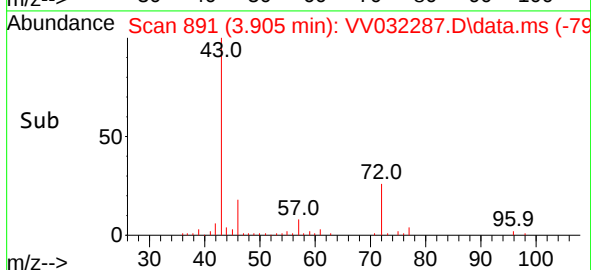
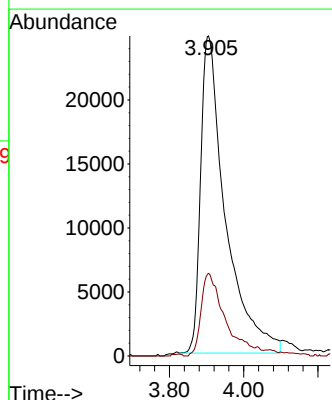
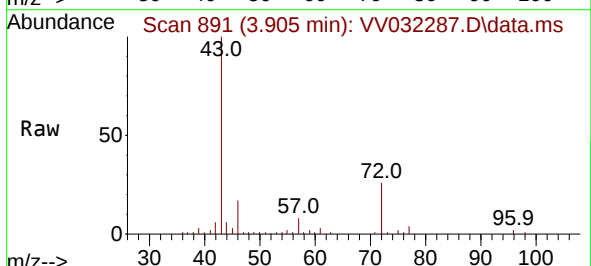
Acq: 06 Oct 2023 06:43

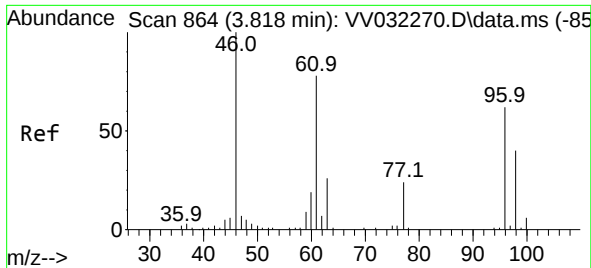
Tgt Ion: 43 Resp: 114861

Ion Ratio Lower Upper

43 100

72 24.8 11.6 34.8

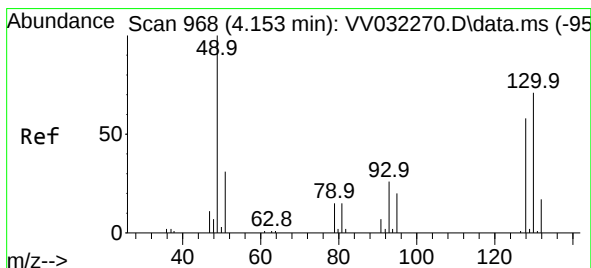
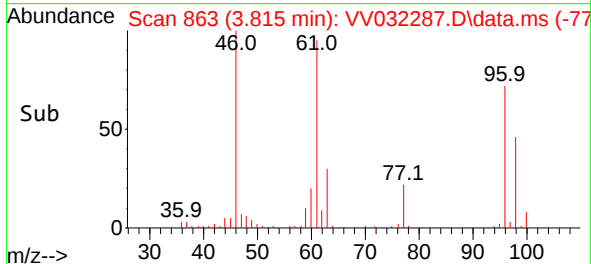
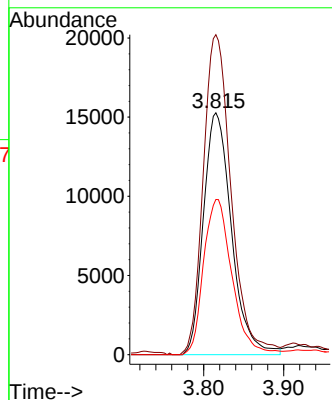
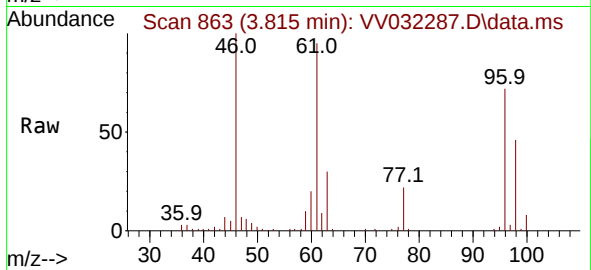




#22
cis-1,2-Dichloroethene
Concen: 4.847 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

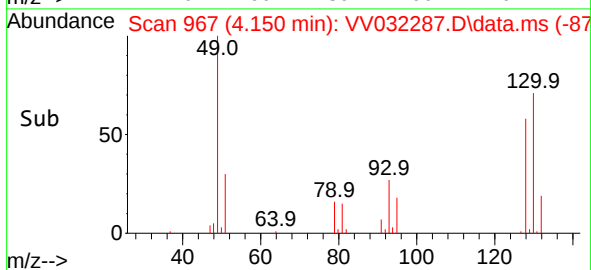
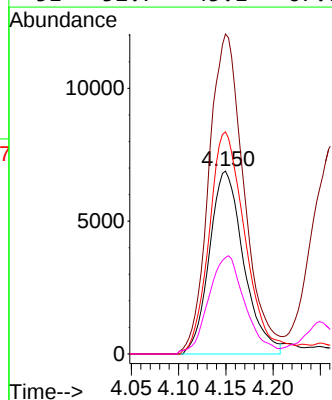
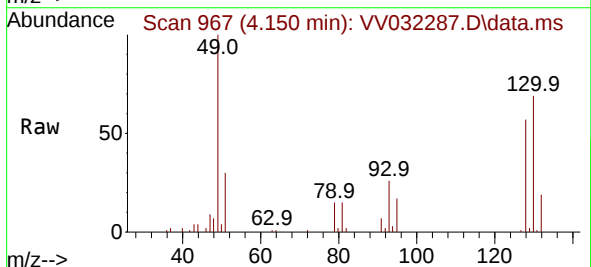
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

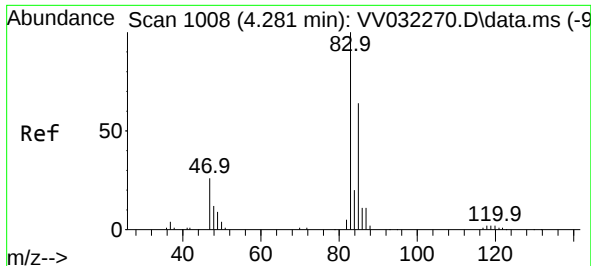
Tgt Ion: 96 Resp: 37332
Ion Ratio Lower Upper
96 100
61 132.3 85.8 159.4
98 64.2 44.0 81.6



#23
Bromochloromethane
Concen: 5.355 ug/L
RT: 4.150 min Scan# 967
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 128 Resp: 17351
Ion Ratio Lower Upper
128 100
49 175.0 121.2 225.0
130 121.5 88.2 163.8
51 52.7 45.1 67.7





#25

Chloroform

Concen: 15.417 ug/L

RT: 4.278 min Scan# 10

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

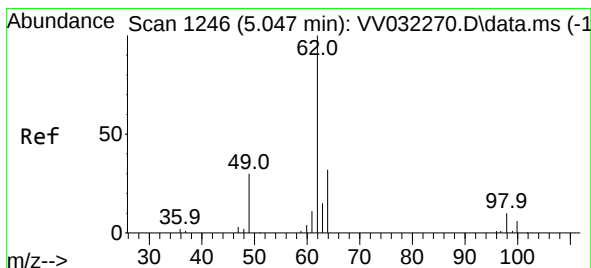
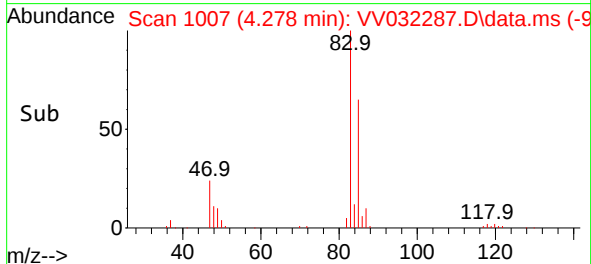
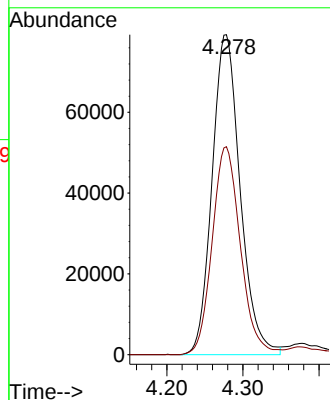
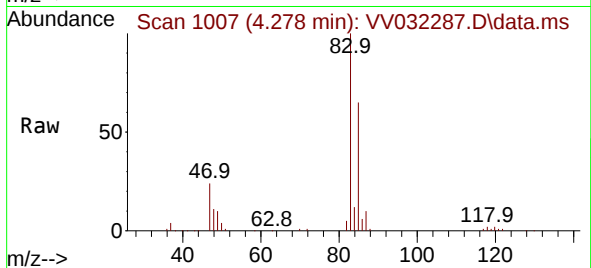
EX874MS

Tgt Ion: 83 Resp: 203550

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.322 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV032287.D

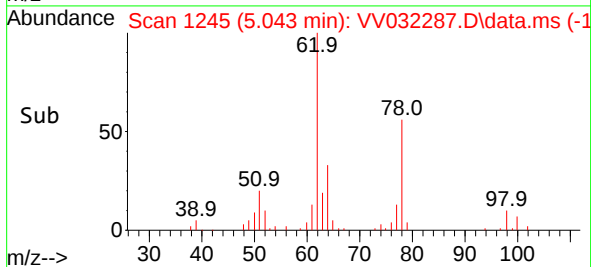
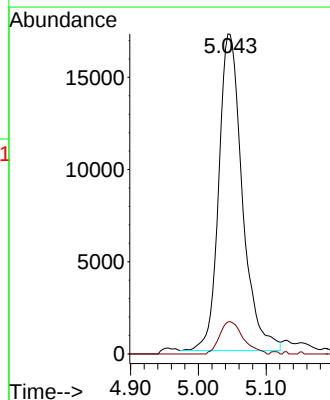
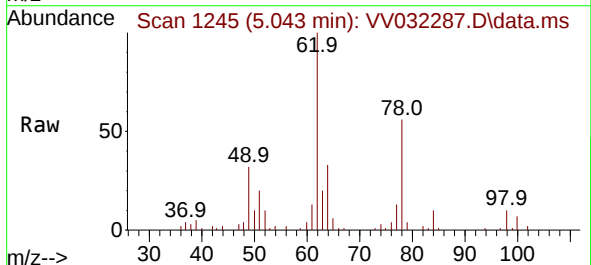
Acq: 06 Oct 2023 06:43

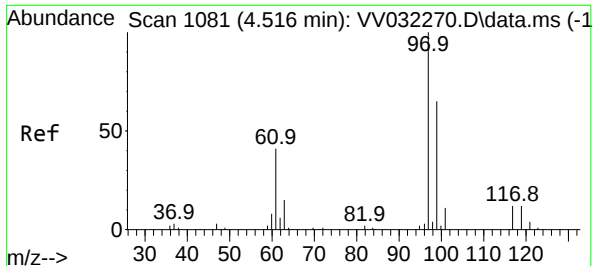
Tgt Ion: 62 Resp: 41515

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.555 ug/L

RT: 4.513 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

EX874MS

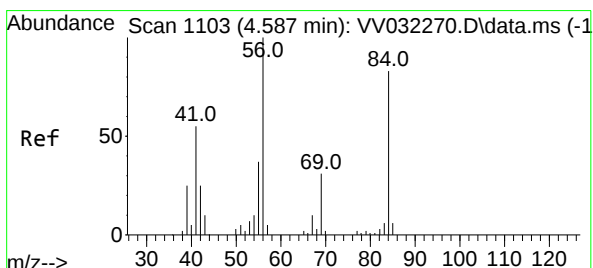
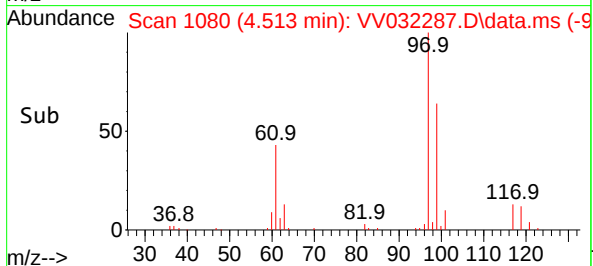
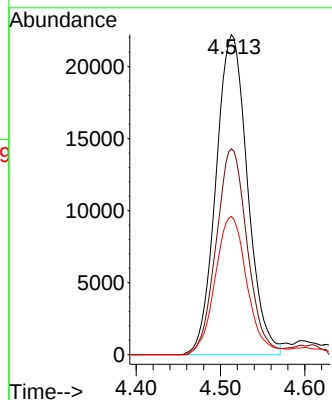
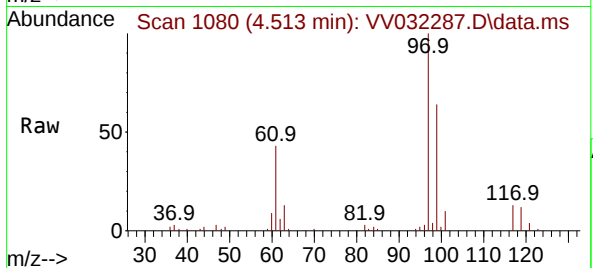
Tgt Ion: 97 Resp: 57816

Ion Ratio Lower Upper

97 100

99 63.2 50.1 75.1

61 43.8 35.1 52.7



#30

Cyclohexane

Concen: 3.873 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

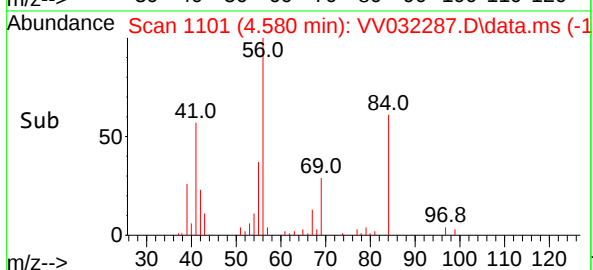
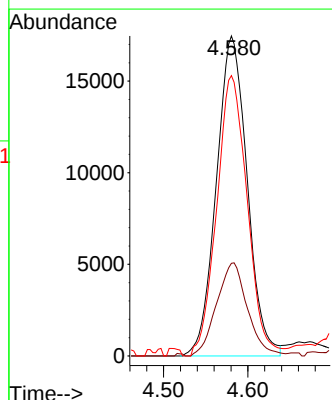
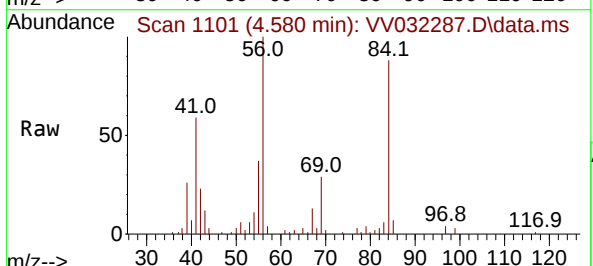
Tgt Ion: 56 Resp: 44295

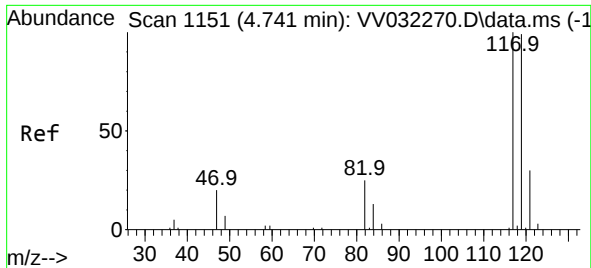
Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.2

84 86.9 68.1 102.1

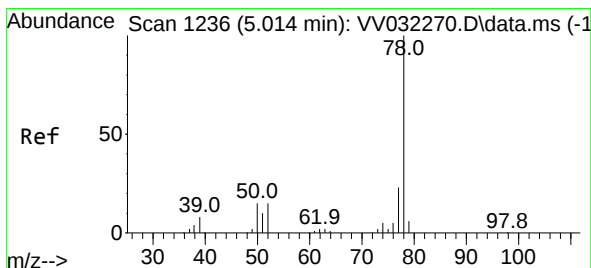
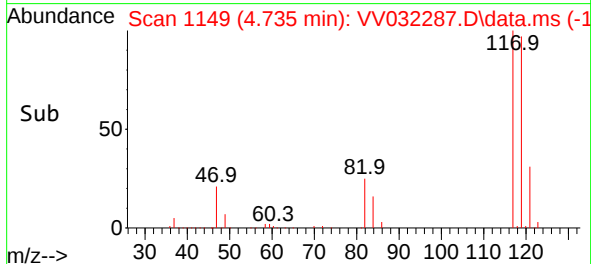
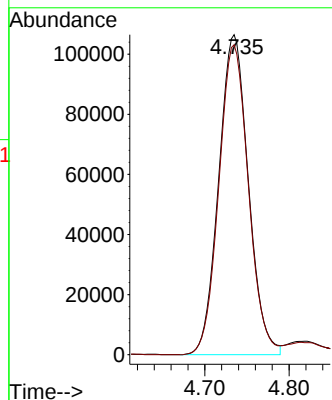
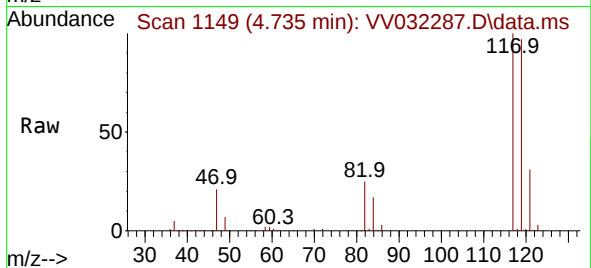




#31
Carbon tetrachloride
Concen: 29.540 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

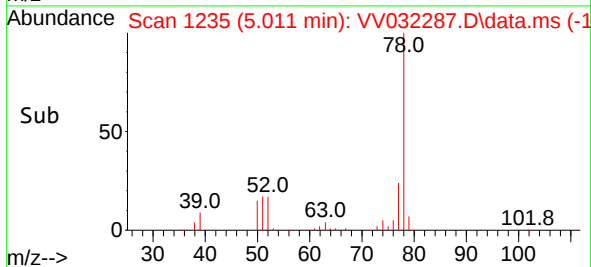
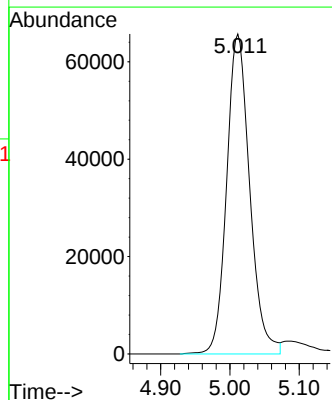
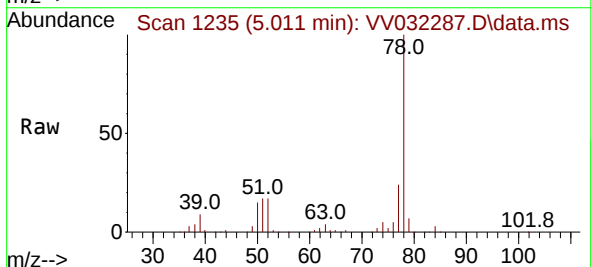
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

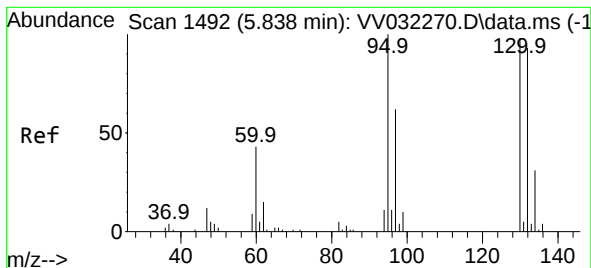
Tgt Ion:117 Resp: 260130
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4



#33
Benzene
Concen: 5.639 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 78 Resp: 151979





#34

Trichloroethene

Concen: 13.720 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

EX874MS

Tgt Ion: 95 Resp: 100939

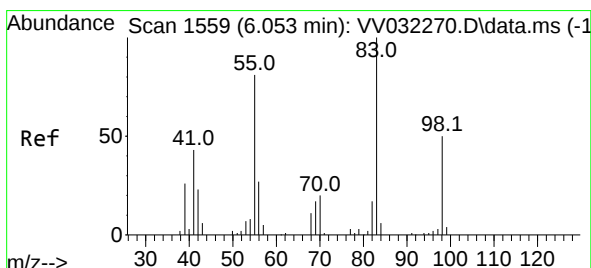
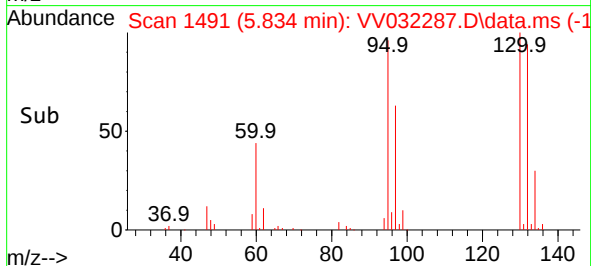
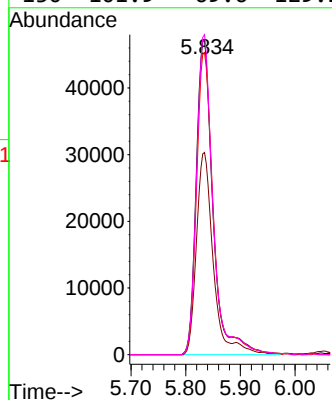
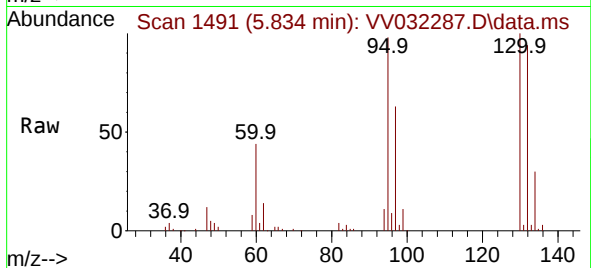
Ion Ratio Lower Upper

95 100

97 64.4 45.7 84.9

132 96.2 70.3 130.5

130 101.9 69.6 129.2



#35

Methylcyclohexane

Concen: 3.565 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

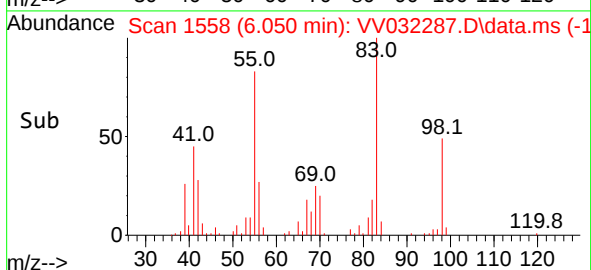
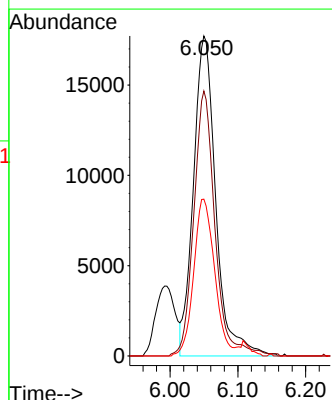
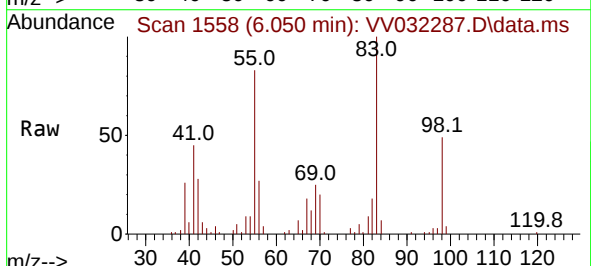
Tgt Ion: 83 Resp: 40584

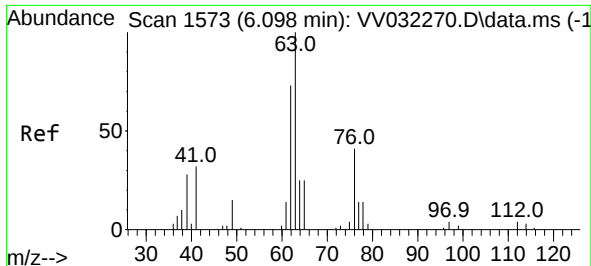
Ion Ratio Lower Upper

83 100

55 78.7 64.2 96.2

98 45.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.338 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

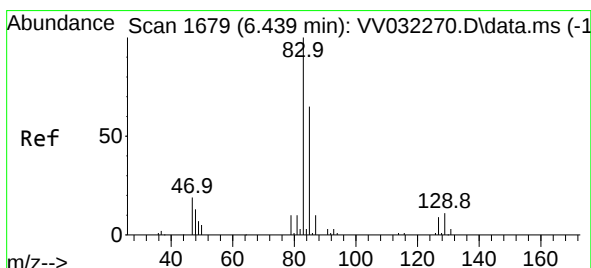
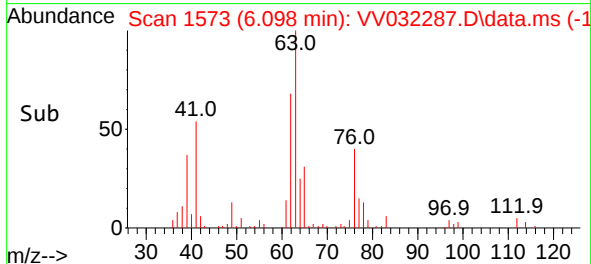
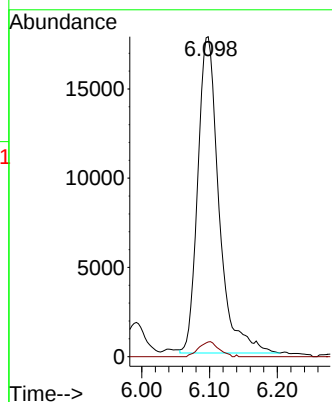
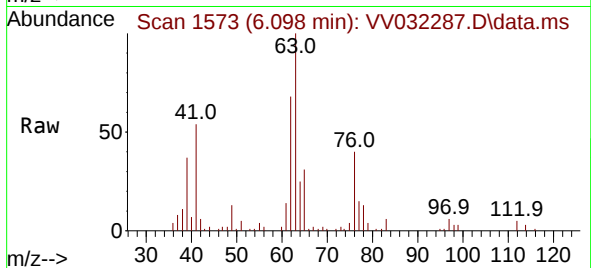
EX874MS

Tgt Ion: 63 Resp: 38475

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 5.475 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

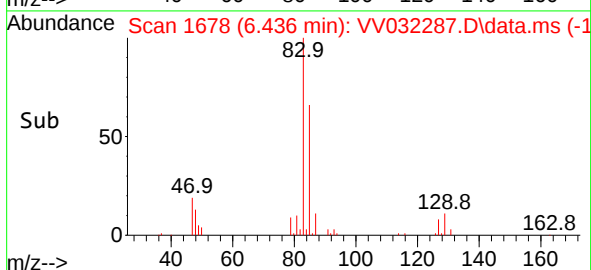
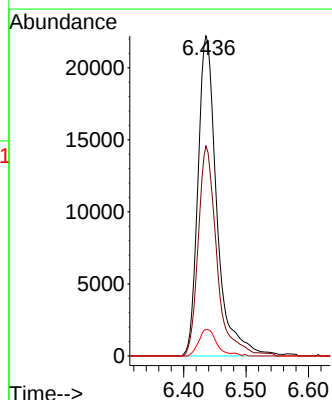
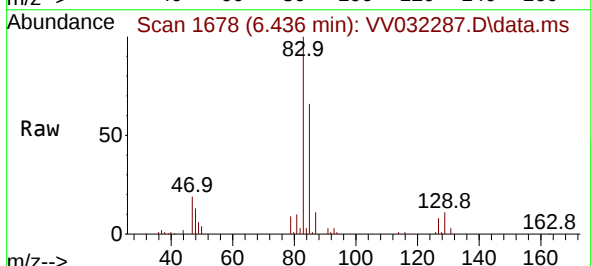
Tgt Ion: 83 Resp: 46887

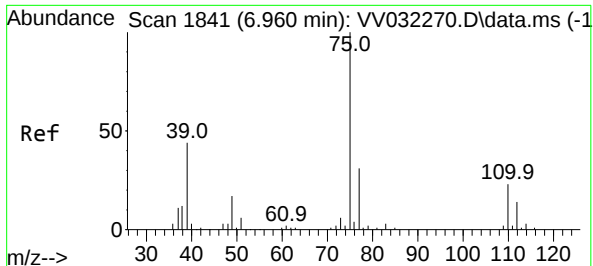
Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.3

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.694 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

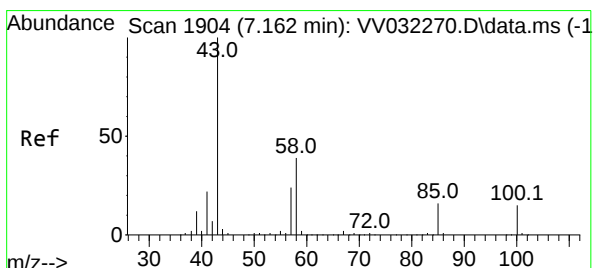
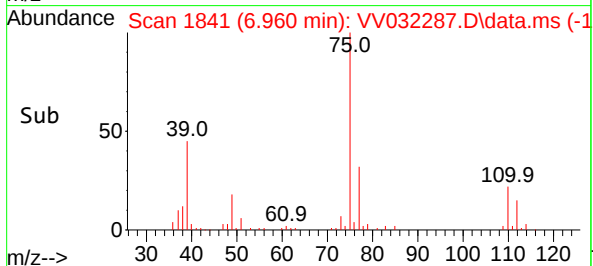
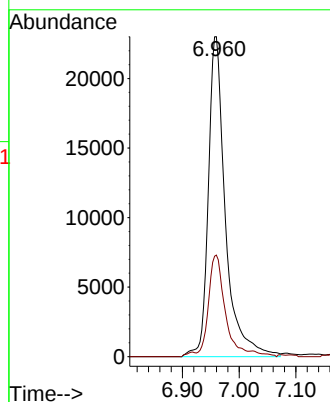
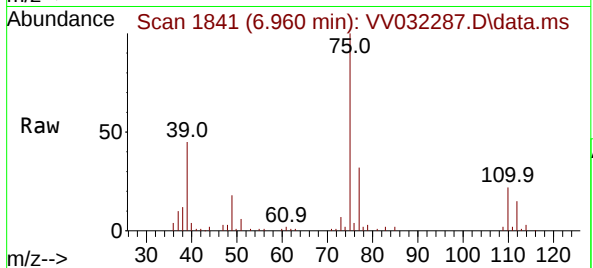
EX874MS

Tgt Ion: 75 Resp: 48141

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 59.923 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

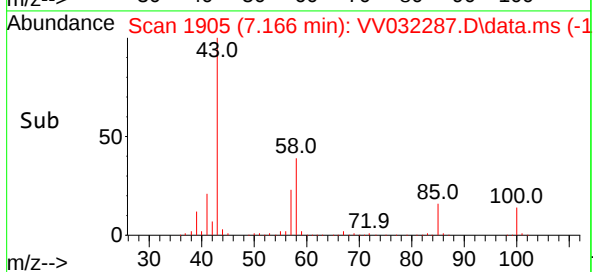
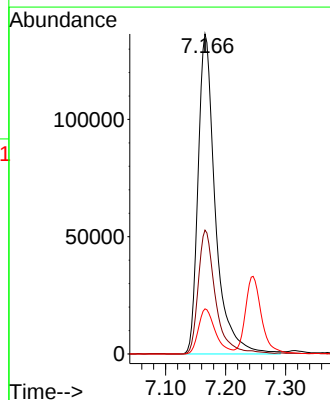
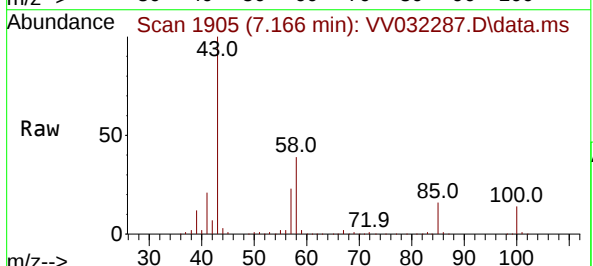
Tgt Ion: 43 Resp: 273310

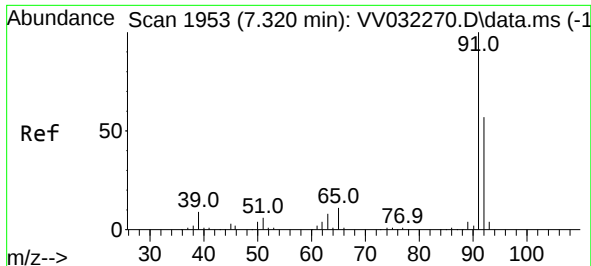
Ion Ratio Lower Upper

43 100

58 39.1 31.9 47.9

100 14.0 11.3 16.9





#42

Toluene

Concen: 5.923 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

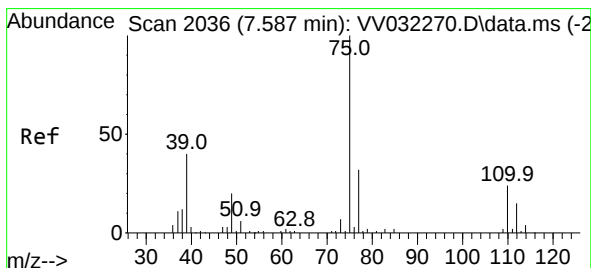
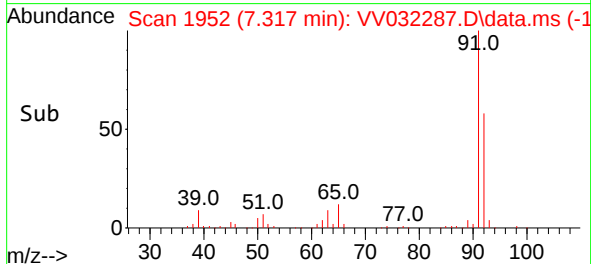
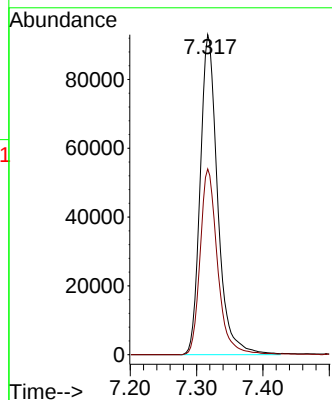
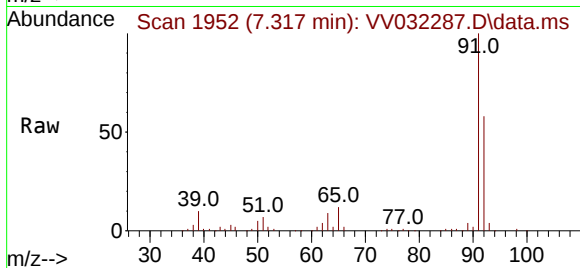
EX874MS

Tgt Ion: 91 Resp: 170176

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.713 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.000 min

Lab File: VV032287.D

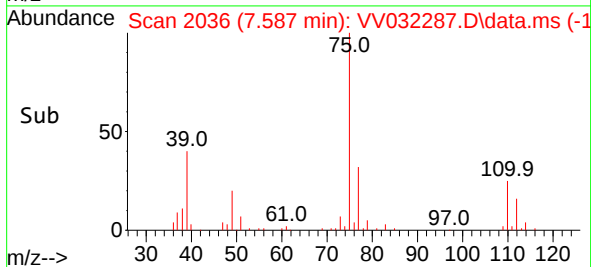
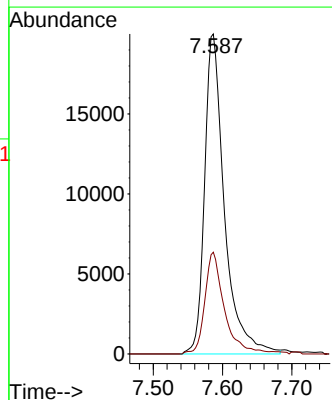
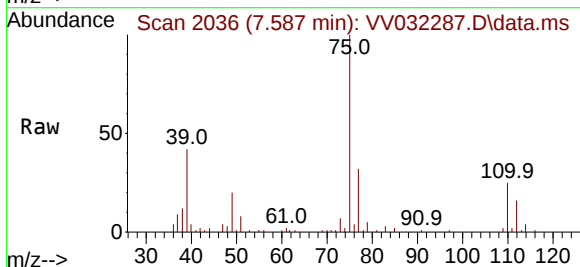
Acq: 06 Oct 2023 06:43

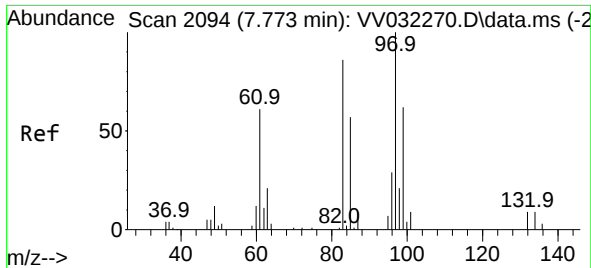
Tgt Ion: 75 Resp: 39732

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7

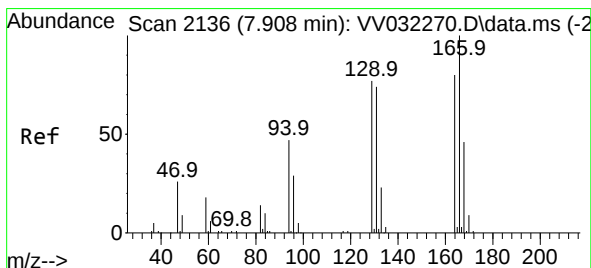
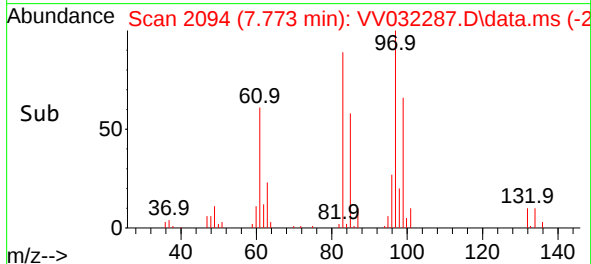
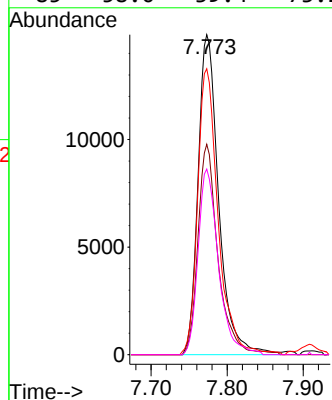
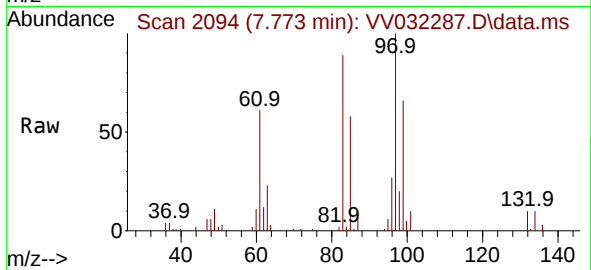




#45
1,1,2-Trichloroethane
Concen: 5.520 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

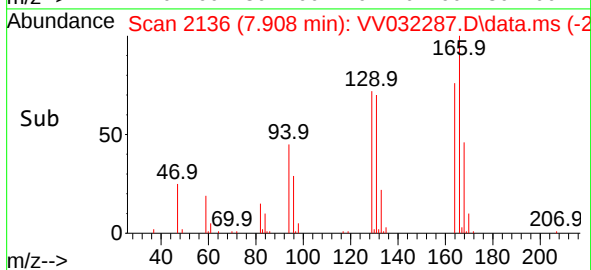
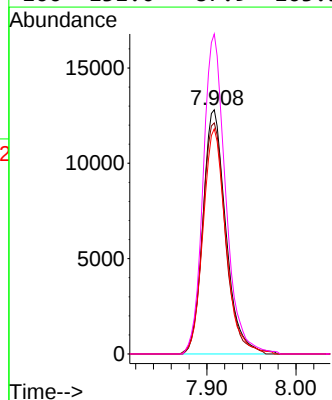
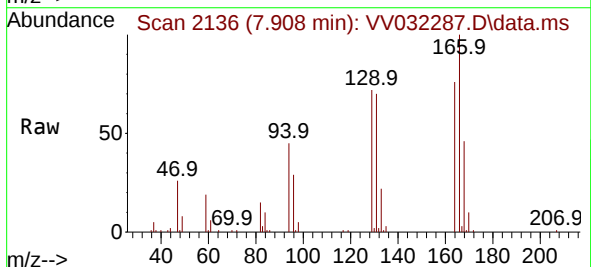
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

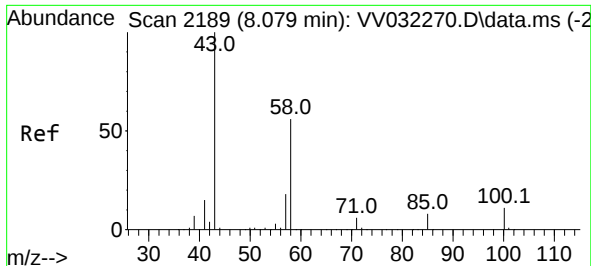
Tgt Ion:	97	Resp:	28063
Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.8	79.4
83	89.4	60.9	113.1
85	58.0	39.4	73.2



#47
Tetrachloroethene
Concen: 4.097 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion:	164	Resp:	22860
Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.4	123.4
131	92.2	63.7	118.3
166	131.0	87.9	163.3



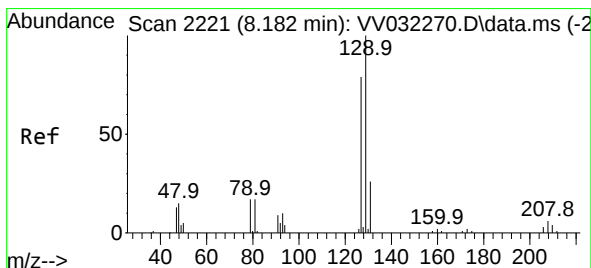
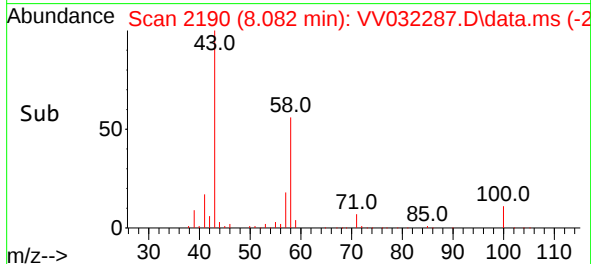
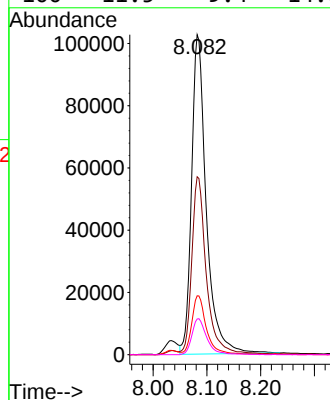
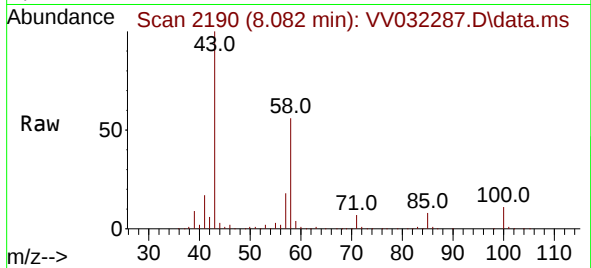


#48
2-Hexanone
Concen: 60.598 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Instrument :
MSVOA_V
ClientSampleId :
EX874MS

Tgt Ion: 43 Resp: 195006

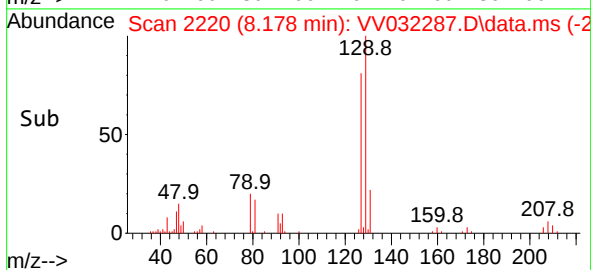
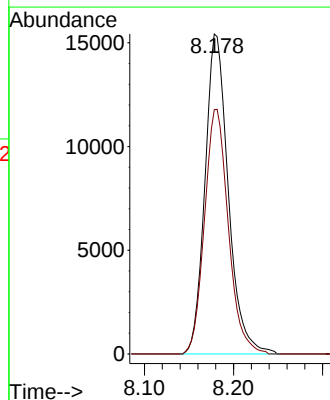
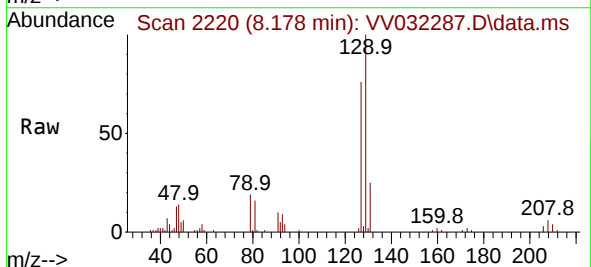
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.6	65.4
57	18.1	14.6	22.0
100	11.5	9.4	14.0

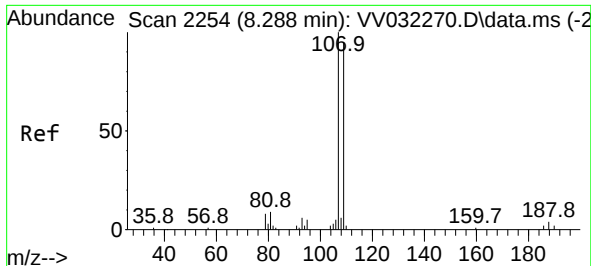


#49
Dibromochloromethane
Concen: 5.298 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 129 Resp: 28044

Ion	Ratio	Lower	Upper
129	100		
127	76.3	57.2	106.2





#50

1,2-Dibromoethane

Concen: 5.591 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

EX874MS

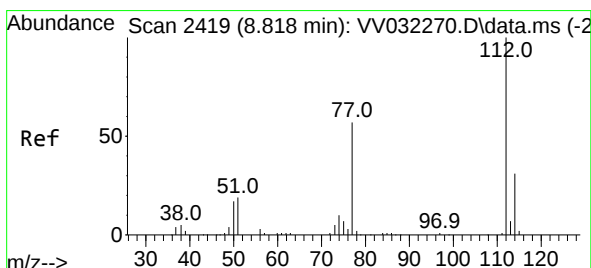
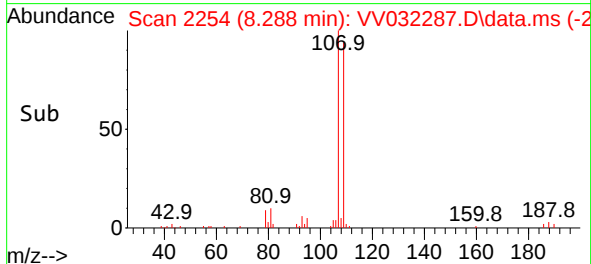
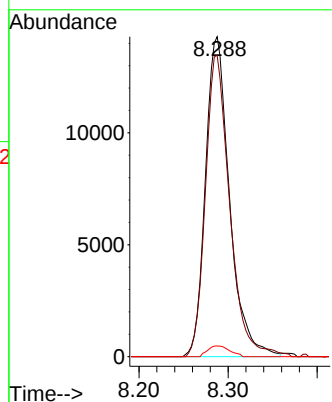
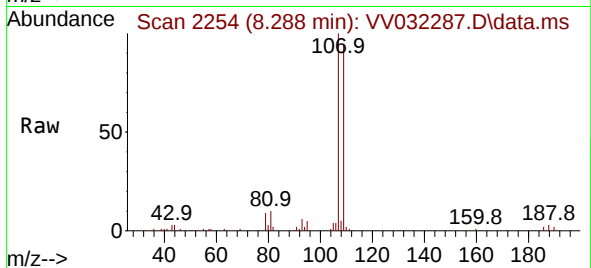
Tgt Ion:107 Resp: 26886

Ion Ratio Lower Upper

107 100

109 94.2 68.4 127.0

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 4.501 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

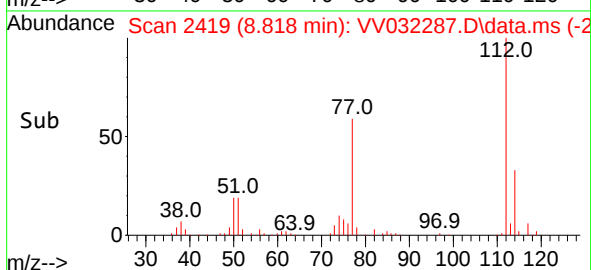
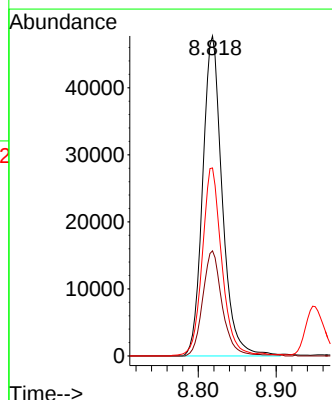
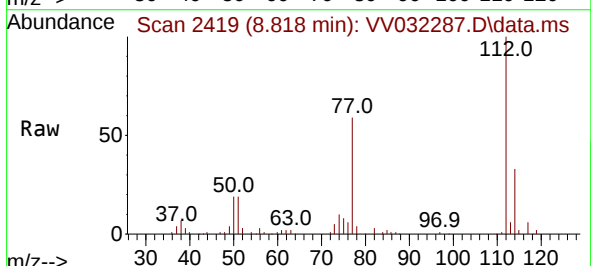
Tgt Ion:112 Resp: 83246

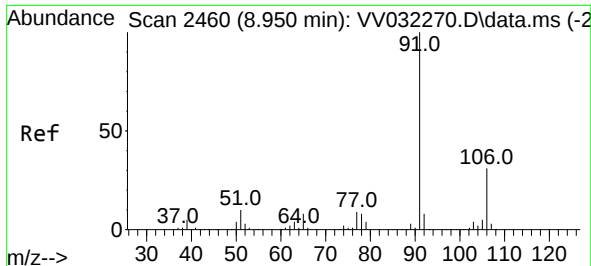
Ion Ratio Lower Upper

112 100

114 32.8 22.1 41.1

77 58.7 46.1 69.1

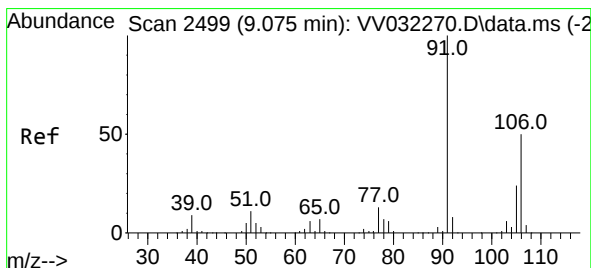
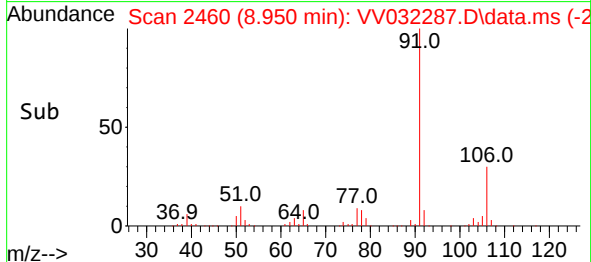
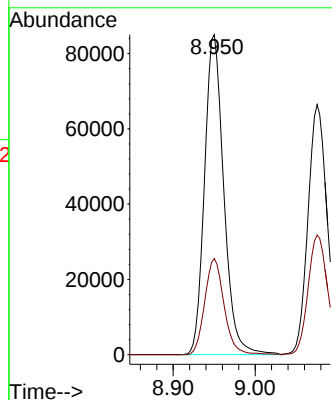
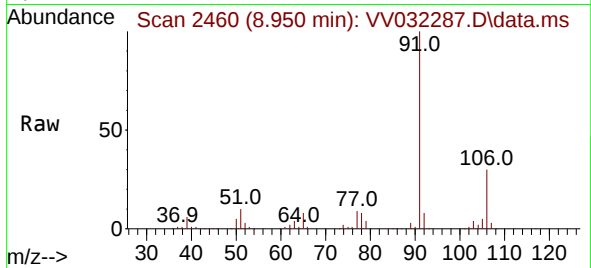




#52
Ethylbenzene
Concen: 4.338 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

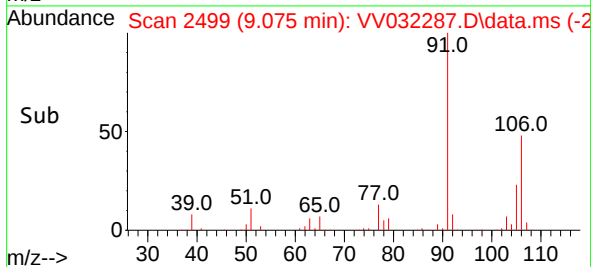
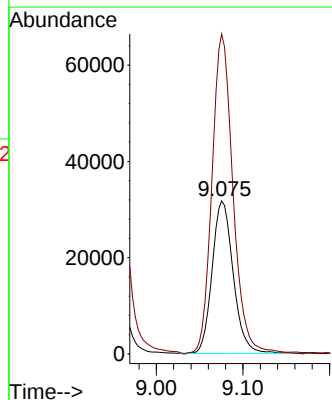
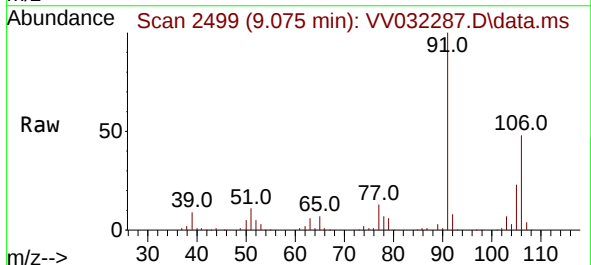
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

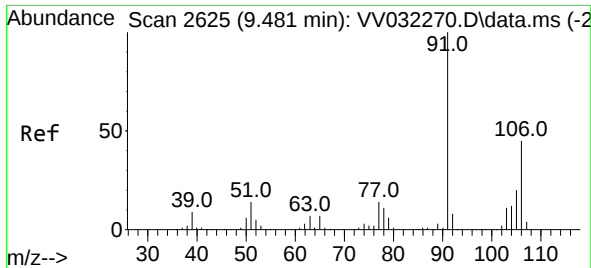
Tgt Ion: 91 Resp: 138779
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.502 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 106 Resp: 53420
Ion Ratio Lower Upper
106 100
91 209.0 144.5 268.3

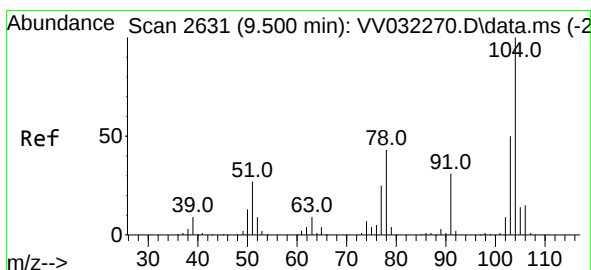
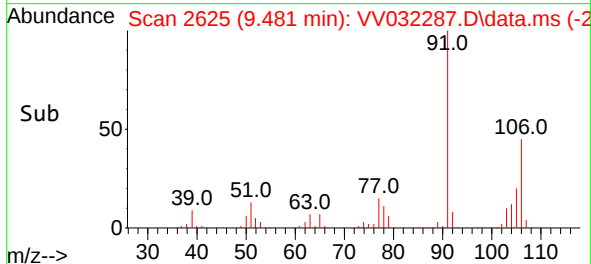
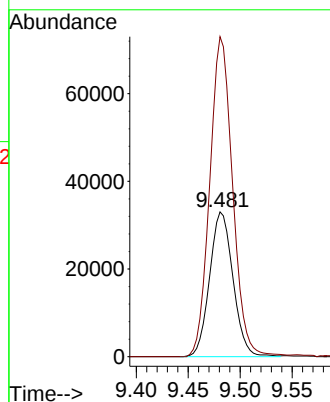
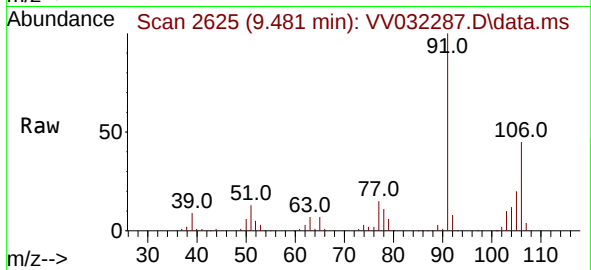




#54
o-Xylene
Concen: 4.521 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

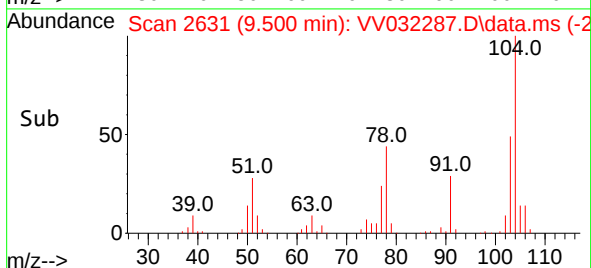
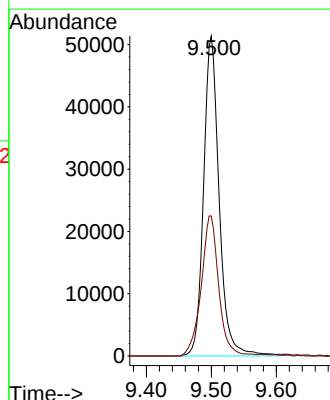
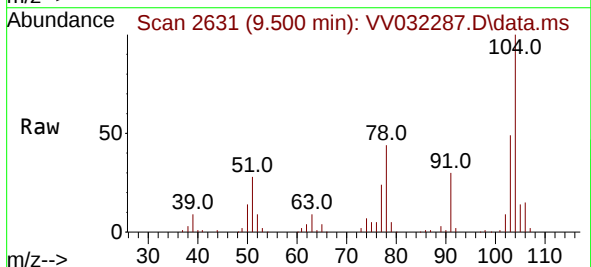
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

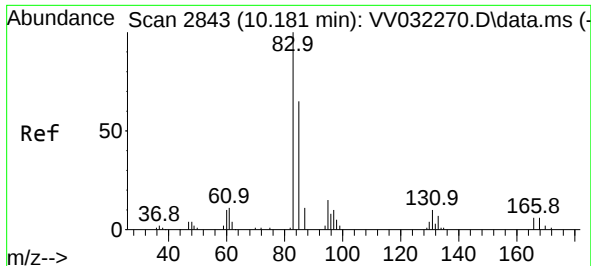
Tgt Ion:106 Resp: 51687
Ion Ratio Lower Upper
106 100
91 221.0 154.8 287.4



#55
Styrene
Concen: 4.448 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion:104 Resp: 85885
Ion Ratio Lower Upper
104 100
78 43.8 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.612 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

EX874MS

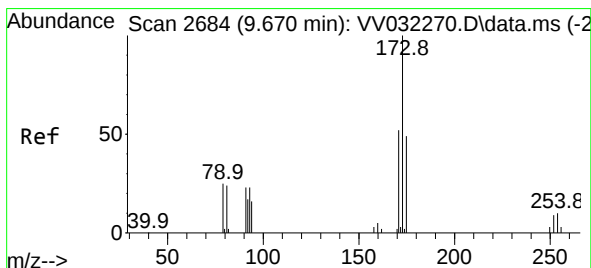
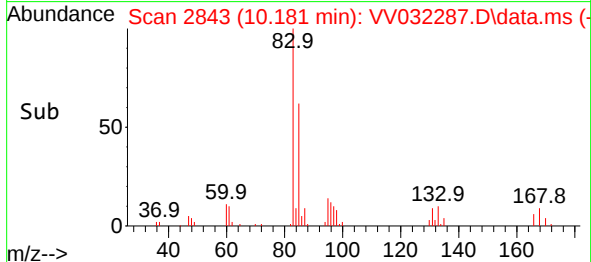
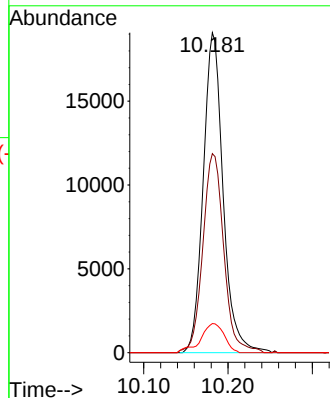
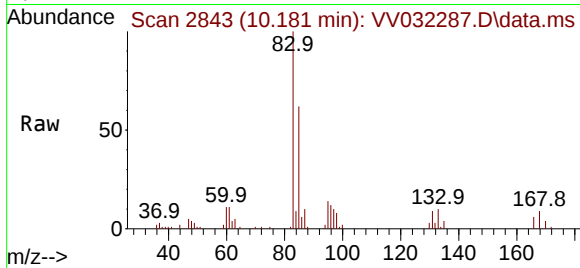
Tgt Ion: 83 Resp: 31394

Ion Ratio Lower Upper

83 100

85 62.2 43.6 81.0

131 9.1 7.0 10.6



#59

Bromoform

Concen: 5.594 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

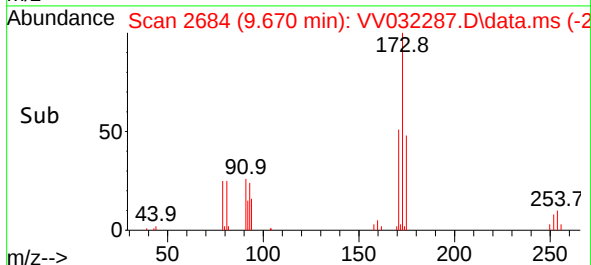
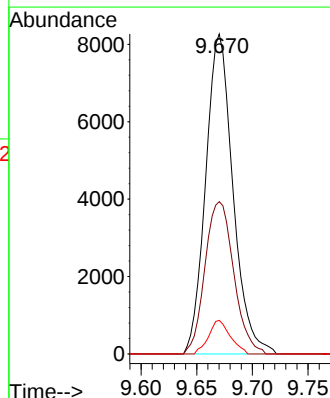
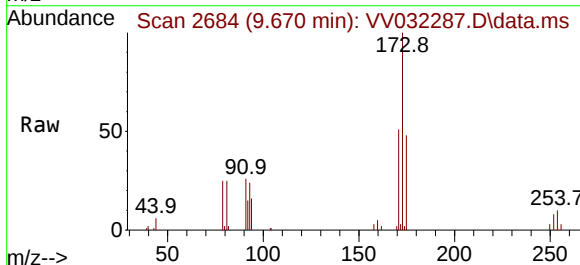
Tgt Ion: 173 Resp: 14095

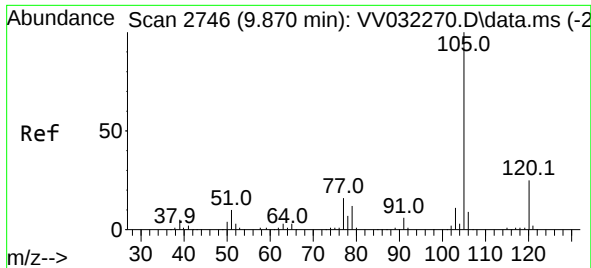
Ion Ratio Lower Upper

173 100

175 50.1 38.2 57.2

254 8.4 7.0 10.4

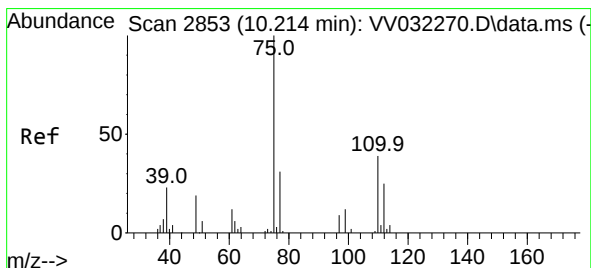
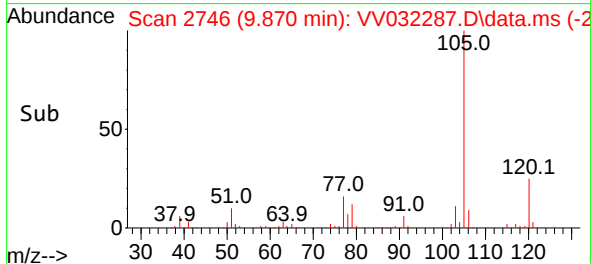
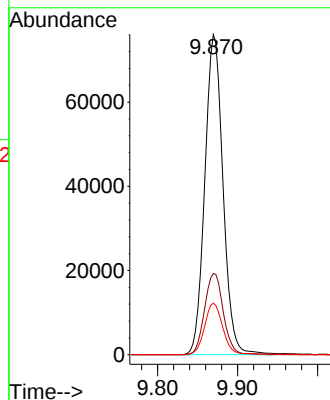
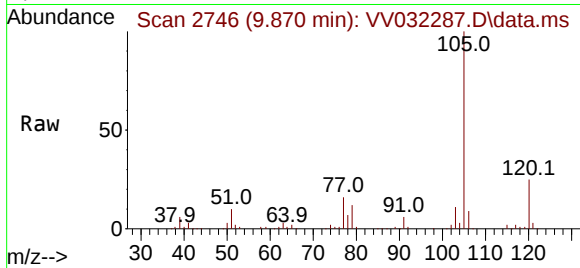




#60
Isopropylbenzene
Concen: 4.481 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

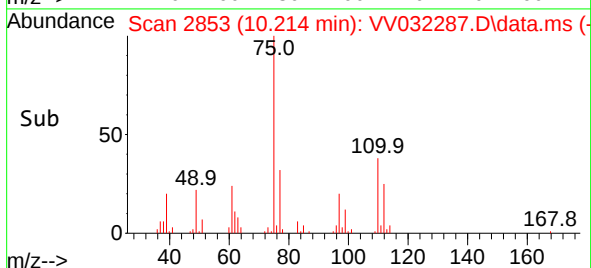
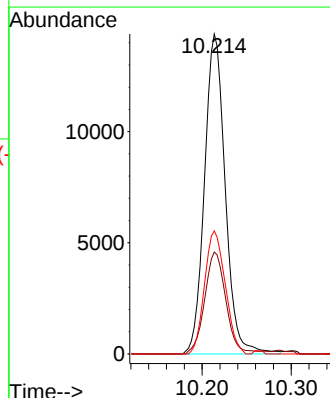
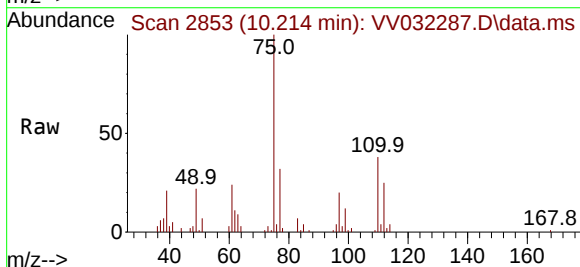
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

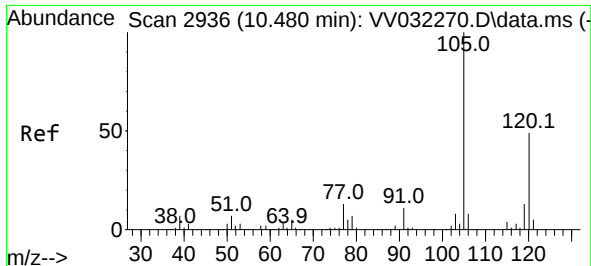
Tgt Ion:105 Resp: 120665
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.307 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 75 Resp: 23261
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 38.4 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.213 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032287.D

Acq: 06 Oct 2023 06:43

Instrument :

MSVOA_V

ClientSampleId :

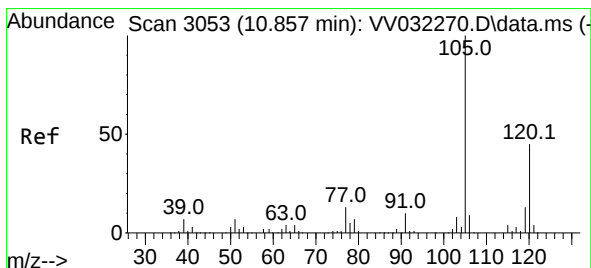
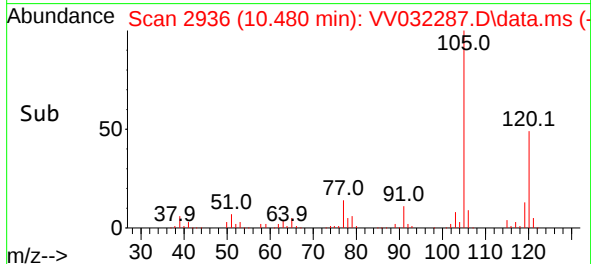
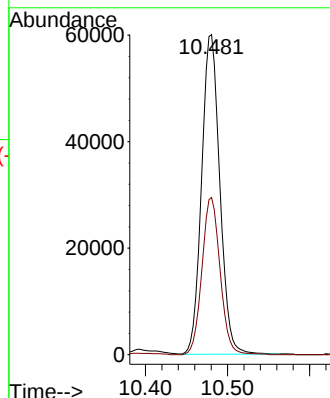
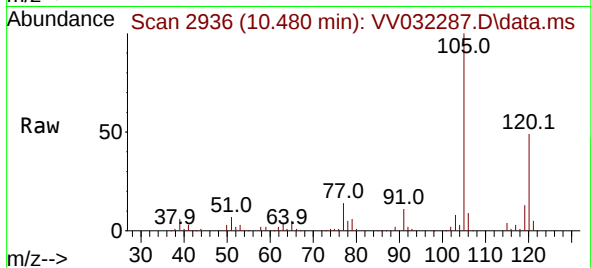
EX874MS

Tgt Ion:105 Resp: 92463

Ion Ratio Lower Upper

105 100

120 49.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.421 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032287.D

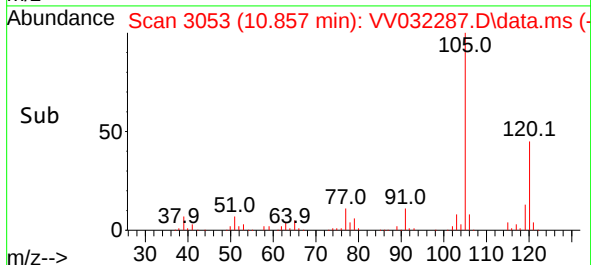
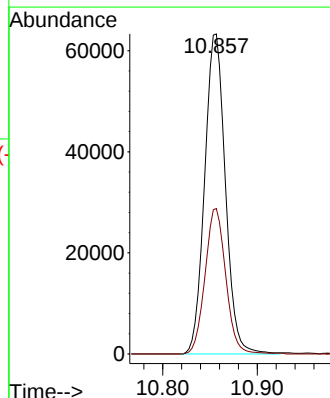
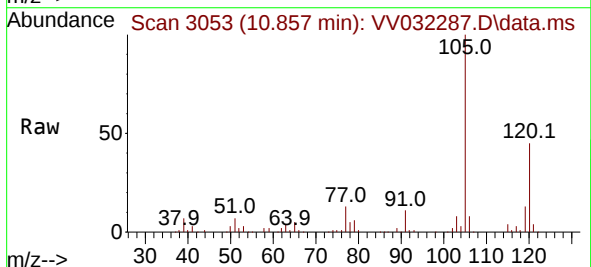
Acq: 06 Oct 2023 06:43

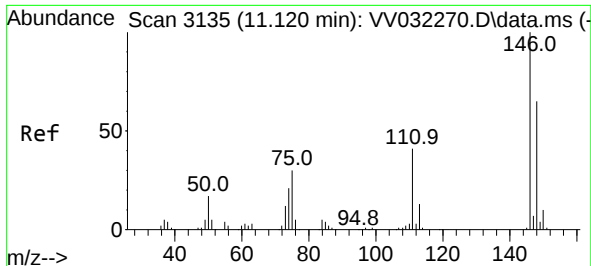
Tgt Ion:105 Resp: 96617

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4

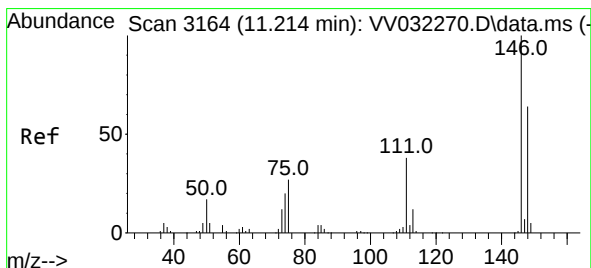
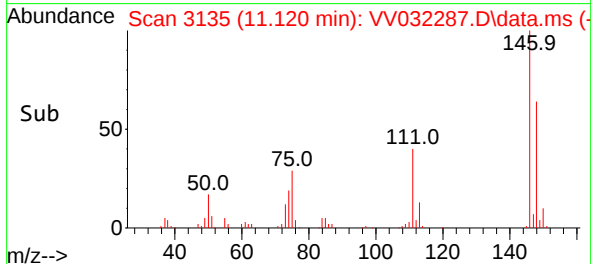
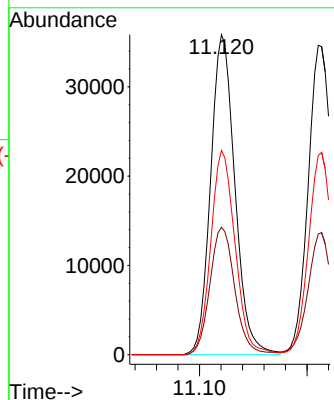
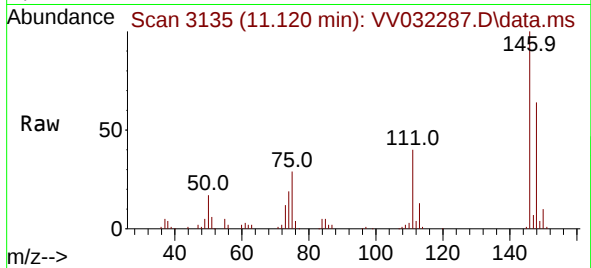




#64
 1,3-Dichlorobenzene
 Concen: 4.370 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

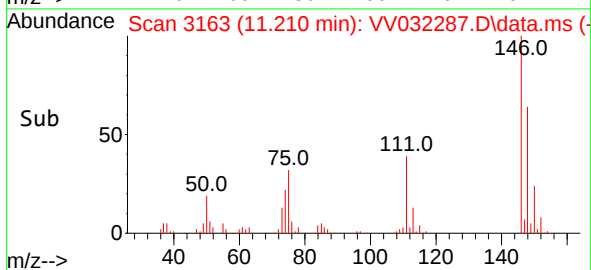
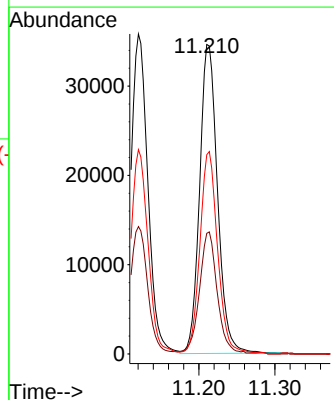
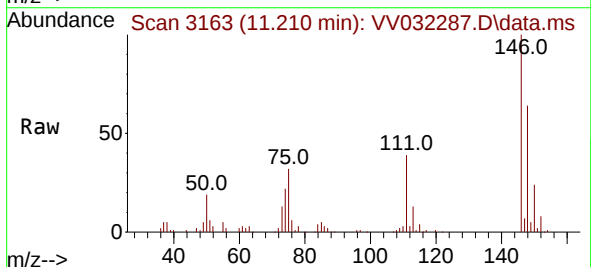
Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MS

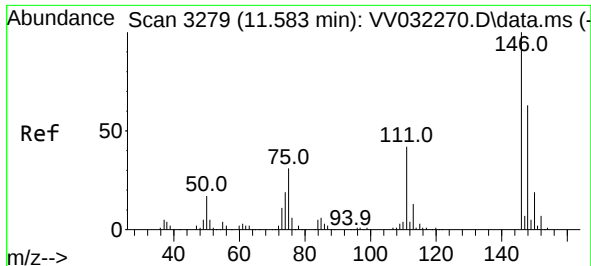
Tgt Ion:146 Resp: 56222
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.8 51.6
 148 63.8 43.7 81.1



#65
 1,4-Dichlorobenzene
 Concen: 4.392 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

Tgt Ion:146 Resp: 56686
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.9 49.9
 148 64.4 44.8 83.2

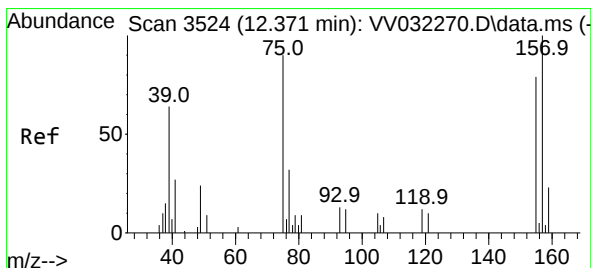
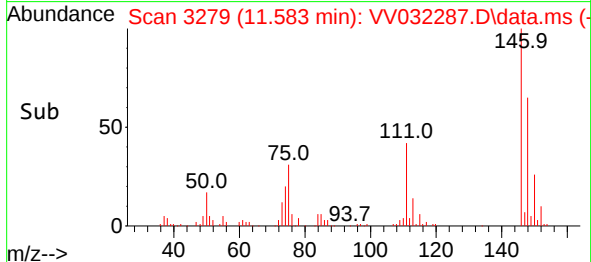
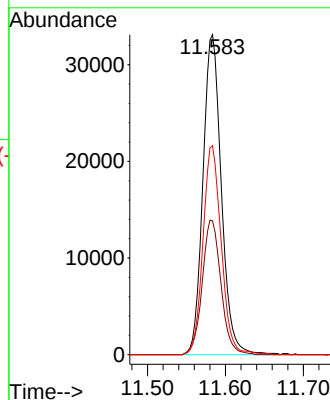
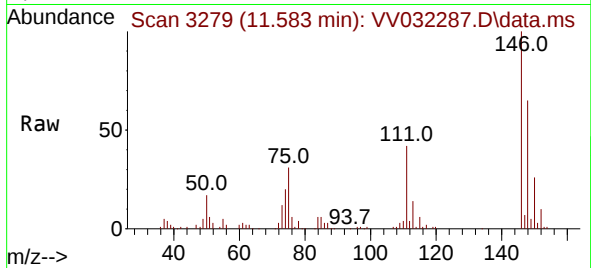




#67
1,2-Dichlorobenzene
Concen: 4.636 ug/L
RT: 11.583 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

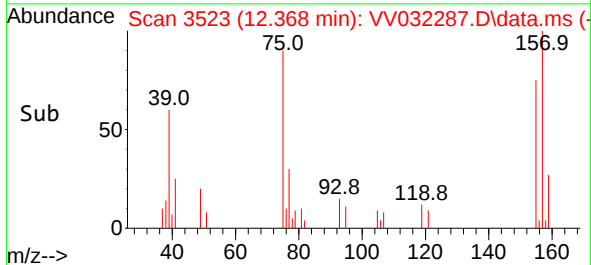
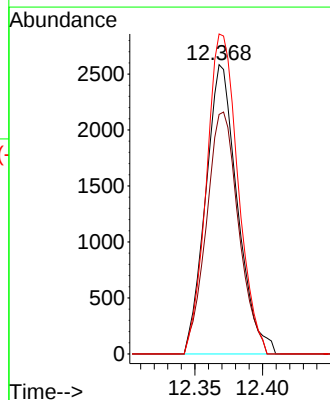
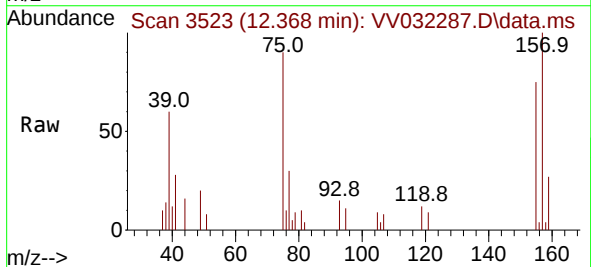
Instrument :
MSVOA_V
ClientSampleId :
EX874MS

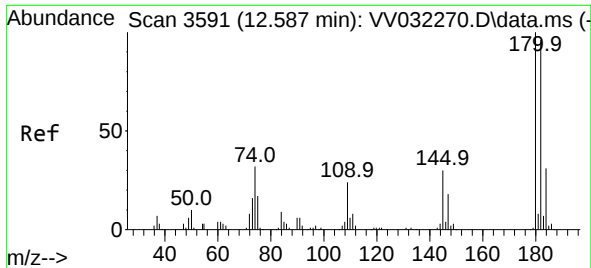
Tgt Ion:146 Resp: 54398
Ion Ratio Lower Upper
146 100
111 41.8 32.8 49.2
148 65.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.583 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. -0.003 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion: 75 Resp: 4207
Ion Ratio Lower Upper
75 100
155 82.8 70.2 105.4
157 110.6 90.6 135.8

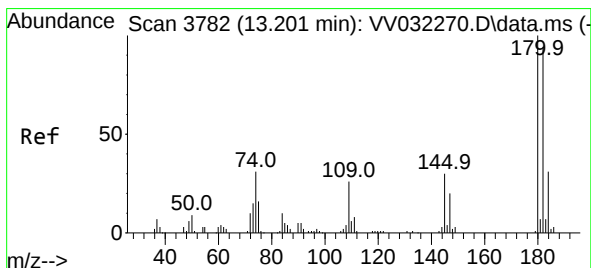
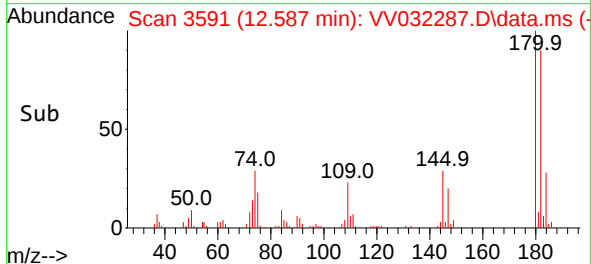
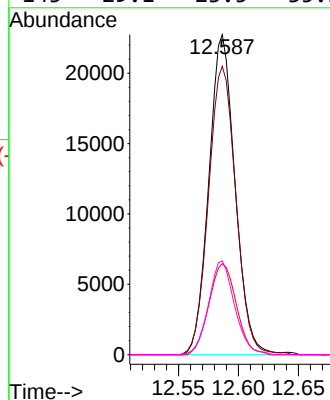
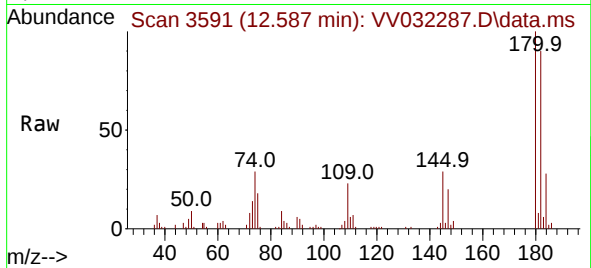




#69
 1,3,5-Trichlorobenzene
 Concen: 3.655 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

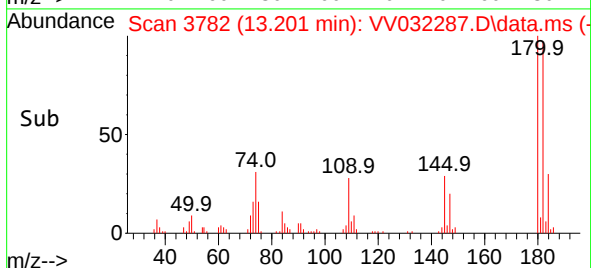
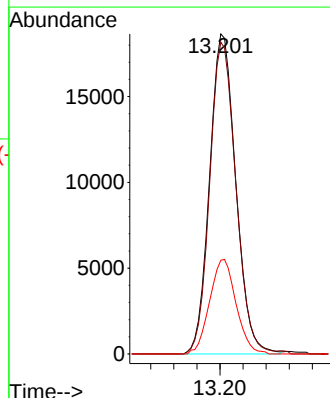
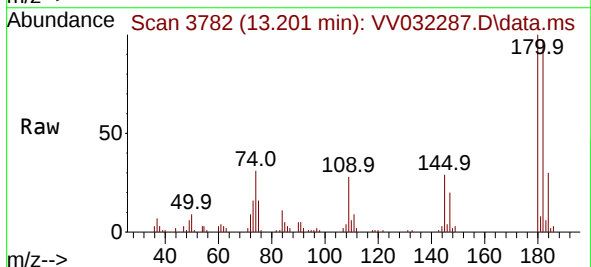
Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MS

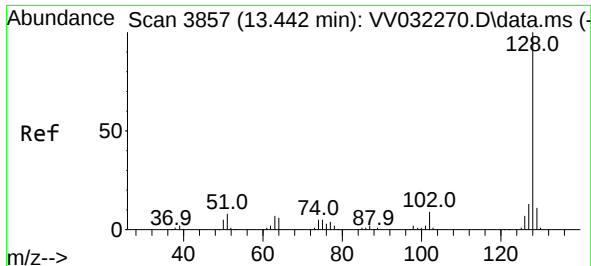
Tgt Ion:180 Resp: 34440
 Ion Ratio Lower Upper
 180 100
 182 94.1 74.6 112.0
 184 29.7 24.1 36.1
 145 29.1 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 3.519 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032287.D
 Acq: 06 Oct 2023 06:43

Tgt Ion:180 Resp: 29410
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.5 114.7
 145 29.7 24.3 36.5

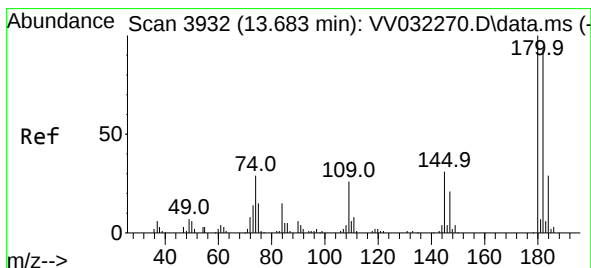
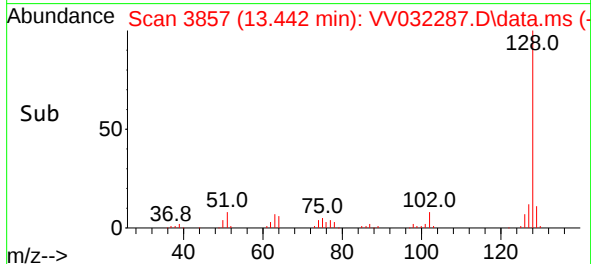
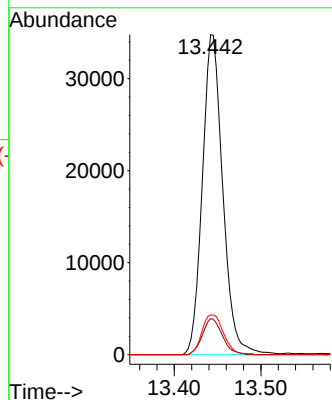
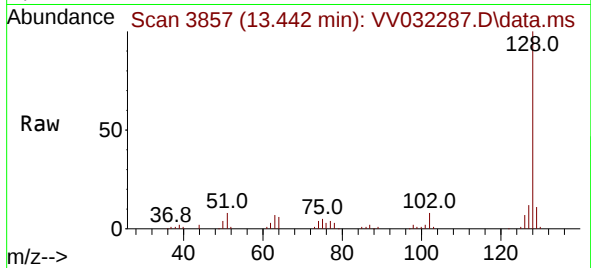




#71
Naphthalene
Concen: 4.009 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Instrument :
MSVOA_V
ClientSampleId :
EX874MS

Tgt Ion:128 Resp: 56920
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.724 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032287.D
Acq: 06 Oct 2023 06:43

Tgt Ion:180 Resp: 26818
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.4
145 33.0 25.7 38.5

