

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026296.D
 Acq On : 15 Jun 2022 22:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Jun 16 01:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	216190	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	208364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	106962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	90007	4.793	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.581	69	73048	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.121	63	157852	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.915	46	107430	58.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.260%
24) Chloroform-d	4.359	84	147529	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.040	65	58914	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.056	84	290987	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.072	67	83023	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.317	98	277284	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.625	79	24699	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.092	63	82016	51.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52300	5.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	83129	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	80391	4.973	ug/L	99
3) Chloromethane	1.253	50	84641	4.716	ug/L	99
5) Vinyl chloride	1.323	62	91265	4.891	ug/L	100
6) Bromomethane	1.536	94	48809	4.680	ug/L	98
8) Chloroethane	1.597	64	57440	4.958	ug/L	93
9) Trichlorofluoromethane	1.764	101	128798	5.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	74195	4.966	ug/L	98
12) 1,1-Dichloroethene	2.130	96	69188	5.066	ug/L	98
13) Acetone	2.204	43	70453	49.617	ug/L	95
14) Carbon disulfide	2.304	76	167719	4.980	ug/L	100
15) Methyl Acetate	2.455	43	17476	5.129	ug/L	98
16) Methylene chloride	2.519	84	72078	4.136	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	116747	4.971	ug/L	98
18) trans-1,2-Dichloroethene	2.773	96	66372	5.011	ug/L	97
19) 1,1-Dichloroethane	3.201	63	128119	5.072	ug/L	99
21) 2-Butanone	4.002	43	102362	55.713	ug/L	94
22) cis-1,2-Dichloroethene	3.924	96	68172	5.087	ug/L	98
23) Bromochloromethane	4.262	128	29633	5.211	ug/L	97
25) Chloroform	4.384	83	135036	4.928	ug/L	96

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Jun 16 01:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

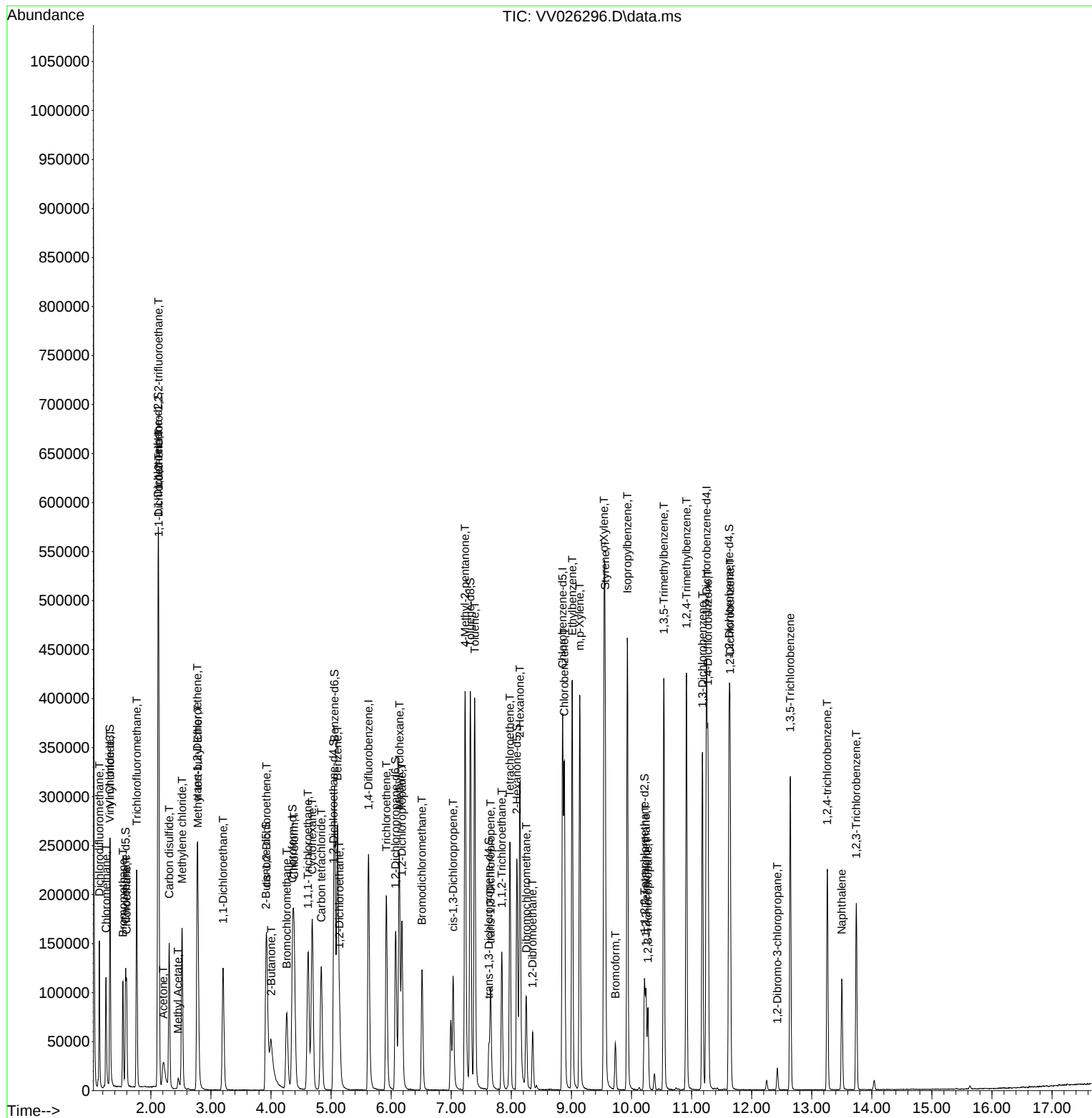
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63476	5.089	ug/L	99
29) 1,1,1-Trichloroethane	4.616	97	116292	5.051	ug/L	99
30) Cyclohexane	4.687	56	85103	4.942	ug/L	99
31) Carbon tetrachloride	4.838	117	98191	5.036	ug/L	98
33) Benzene	5.108	78	281215	5.264	ug/L	100
34) Trichloroethene	5.918	95	71373	4.894	ug/L	98
35) Methylcyclohexane	6.137	83	94403	4.679	ug/L	99
37) 1,2-Dichloropropane	6.178	63	68969	4.936	ug/L #	97
38) Bromodichloromethane	6.513	83	82997	4.897	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	75190	4.715	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	267100	51.991	ug/L	98
42) Toluene	7.391	91	300919	5.356	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	61790	4.852	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	46252	5.043	ug/L	96
47) Tetrachloroethene	7.976	164	57137	5.289	ug/L	97
48) 2-Hexanone	8.143	43	196126	53.284	ug/L	100
49) Dibromochloromethane	8.249	129	49560	4.880	ug/L	93
50) 1,2-Dibromoethane	8.355	107	39597	5.067	ug/L	99
51) Chlorobenzene	8.882	112	184586	5.031	ug/L	100
52) Ethylbenzene	9.014	91	293789	5.216	ug/L	100
53) m,p-Xylene	9.140	106	115585	5.265	ug/L	97
54) o-Xylene	9.545	106	109152	5.132	ug/L	95
55) Styrene	9.561	104	192875	5.400	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	49664	5.339	ug/L	96
59) Bromoform	9.731	173	21499	4.578	ug/L	100
60) Isopropylbenzene	9.931	105	295690	5.185	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33715	4.857	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	224247	4.956	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	224584	5.015	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	142178	5.074	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	139528	4.900	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	123511	4.977	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5753	4.679	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	97561	4.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	69288	4.637	ug/L	99
71) Naphthalene	13.500	128	91413	4.406	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56997	4.556	ug/L	98

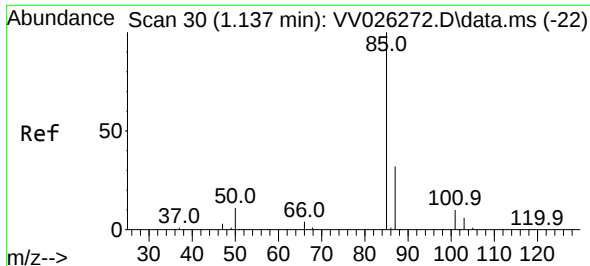
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Data File : VV026296.D
Acq On : 15 Jun 2022 22:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Quant Time: Jun 16 01:44:45 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 01:38:03 2022
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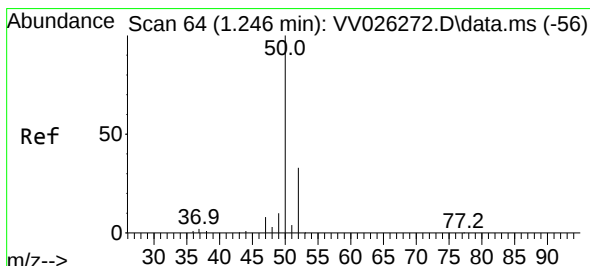
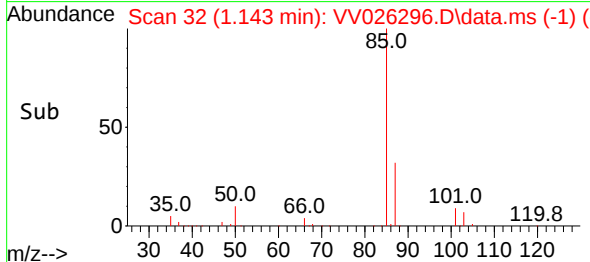
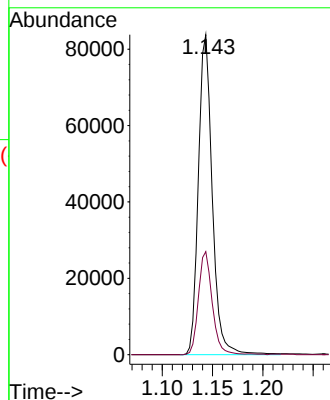
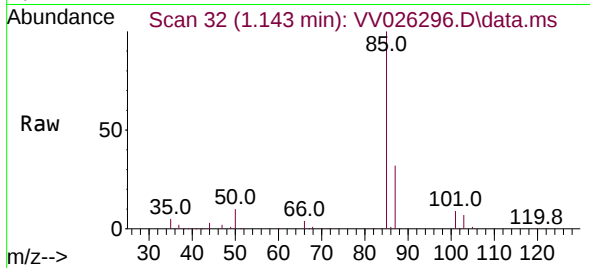




#2
 Dichlorodifluoromethane
 Concen: 4.973 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

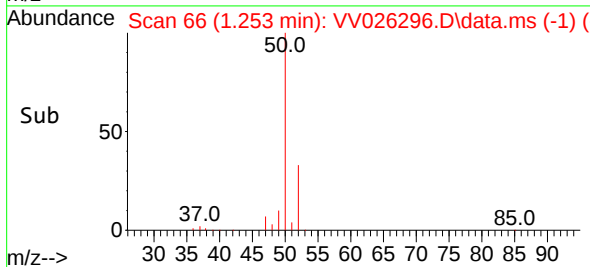
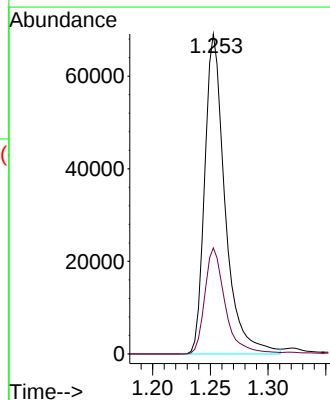
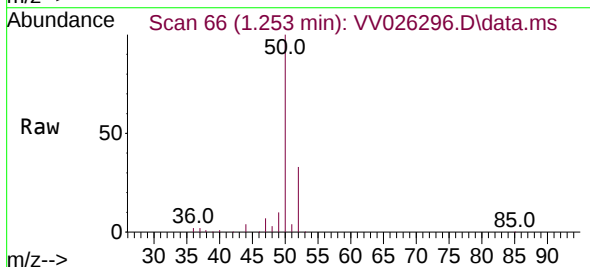
Instrument :
 MSVOA_V
 ClientSampleId :
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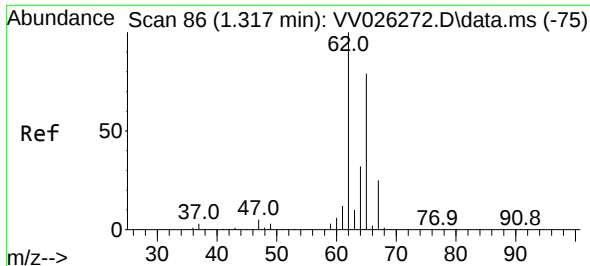
Tgt Ion: 85 Resp: 80391
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.716 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.006 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

Tgt Ion: 50 Resp: 84641
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 44.1

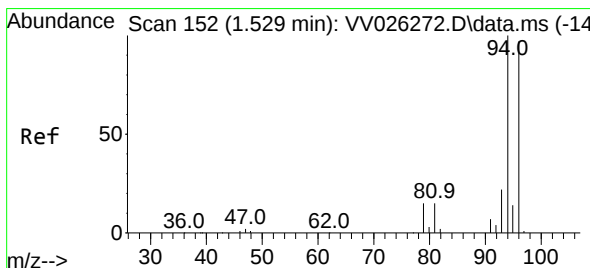
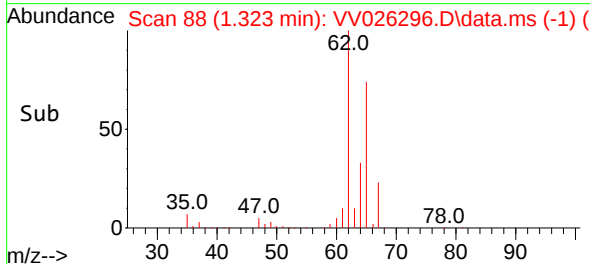
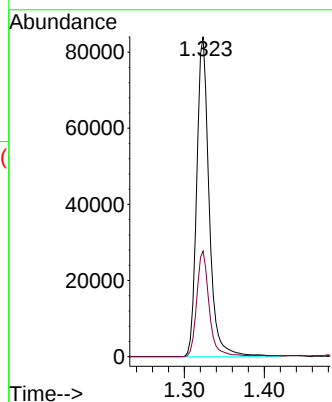
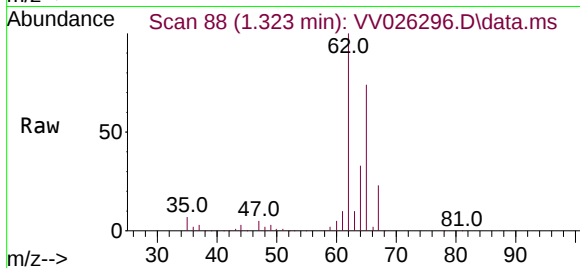




#5
 Vinyl chloride
 Concen: 4.891 ug/L
 RT: 1.323 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

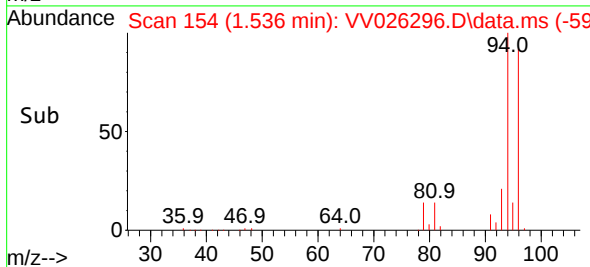
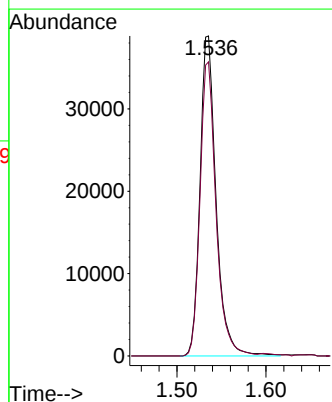
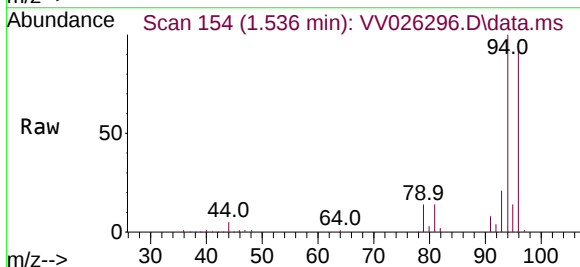
Instrument :
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 ClientSampleId :
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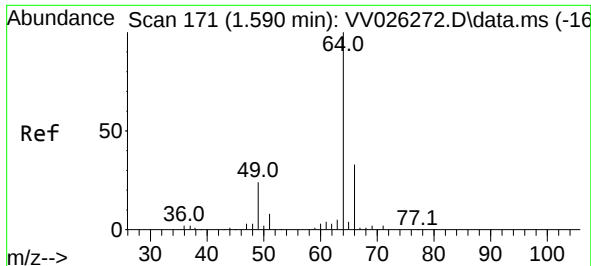
Tgt Ion: 62 Resp: 91265
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.680 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.006 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

Tgt Ion: 94 Resp: 48809
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.7 121.9

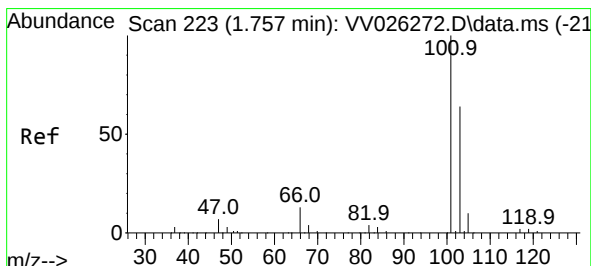
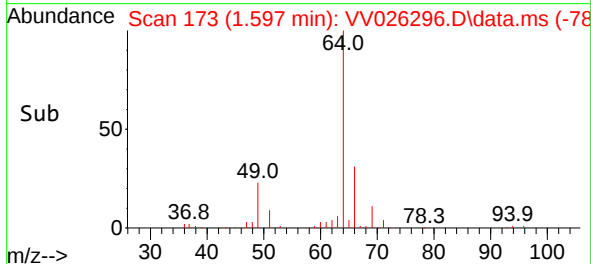
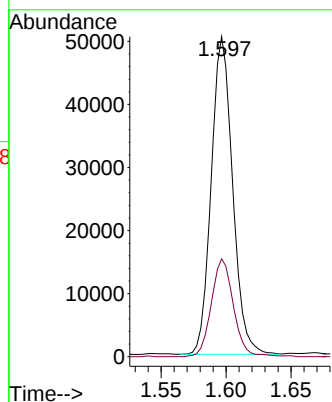
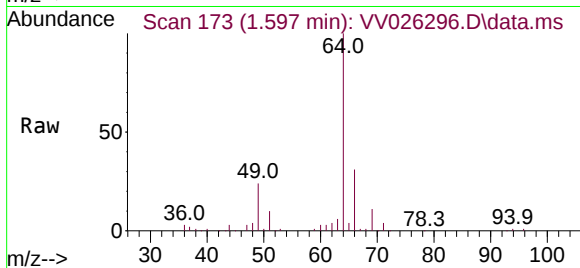




#8
Chloroethane
Concen: 4.958 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

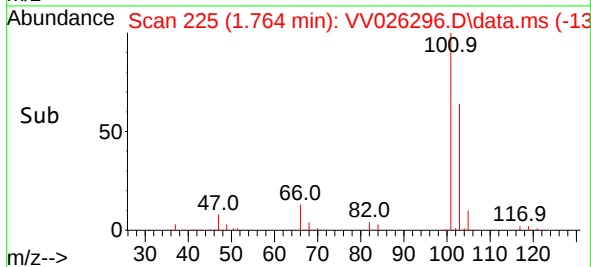
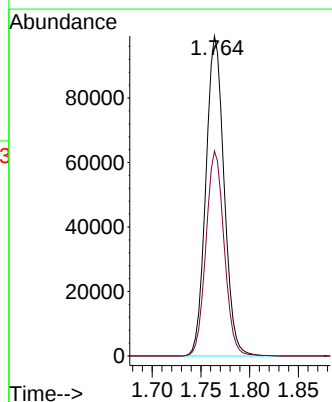
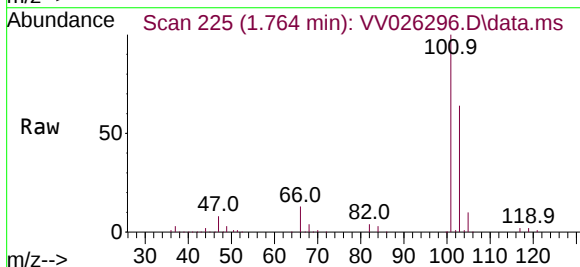
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ClientSampleId :
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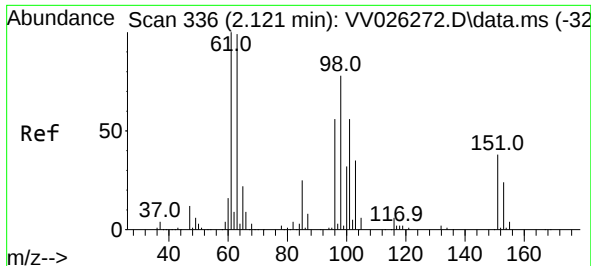
Tgt Ion: 64 Resp: 57440
Ion Ratio Lower Upper
64 100
66 30.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.000 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 101 Resp: 128798
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

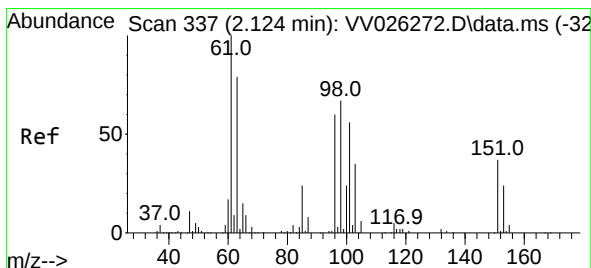
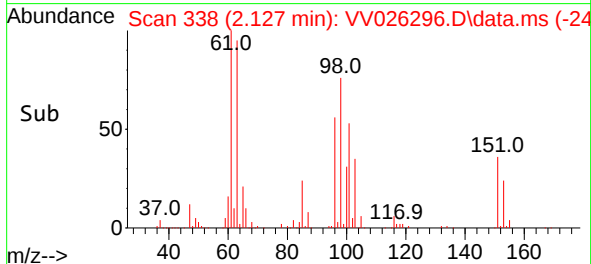
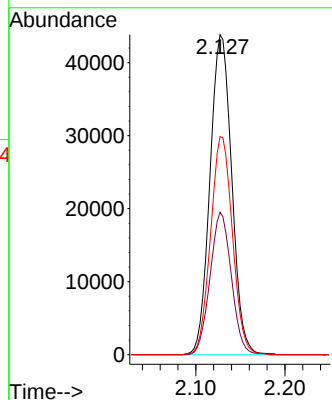
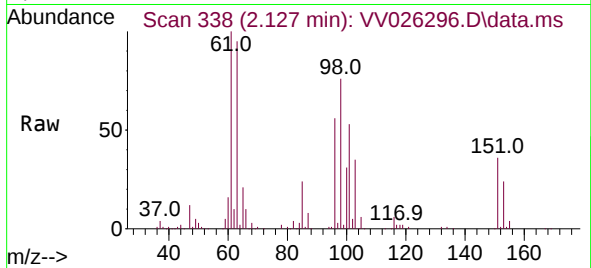




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.966 ug/L
RT: 2.127 min Scan# 338
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

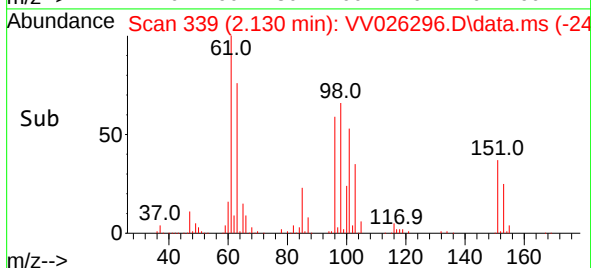
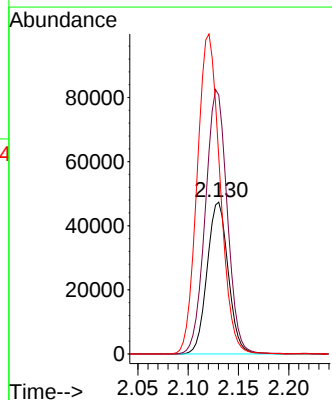
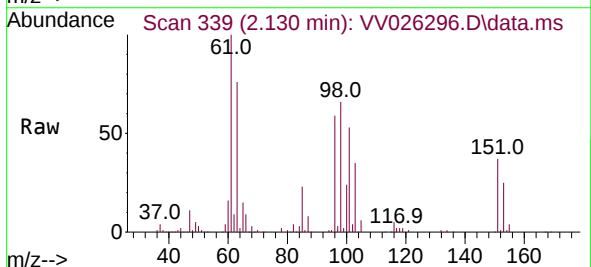
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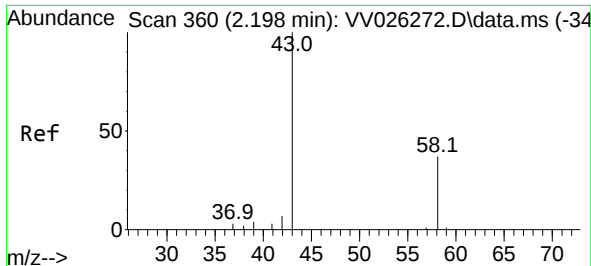
Tgt Ion:101 Resp: 74195
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 68.6 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.066 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 96 Resp: 69188
Ion Ratio Lower Upper
96 100
61 170.5 117.1 217.5
63 129.7 92.8 172.4





#13

Acetone

Concen: 49.617 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

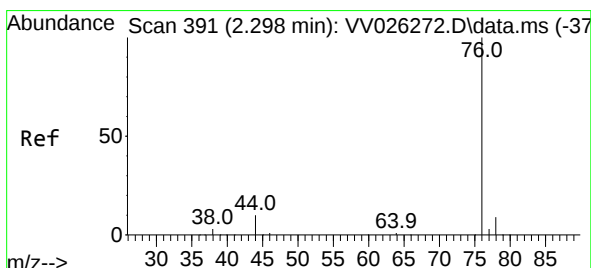
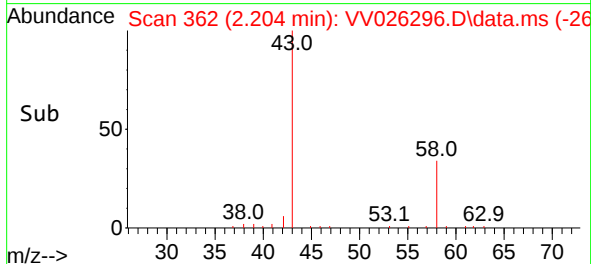
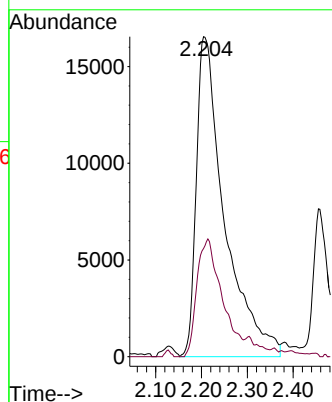
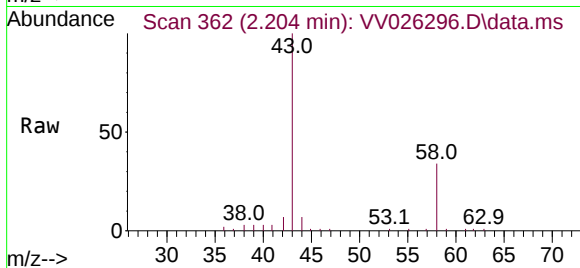
VSTD005317

Tgt Ion: 43 Resp: 70453

Ion Ratio Lower Upper

43 100

58 32.8 0.0 60.0



#14

Carbon disulfide

Concen: 4.980 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.006 min

Lab File: VV026296.D

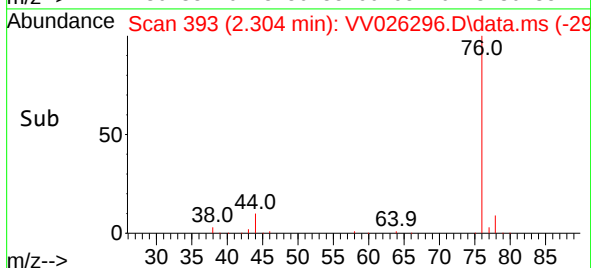
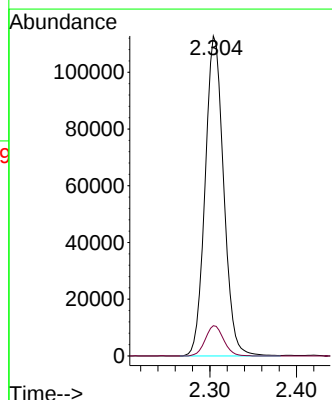
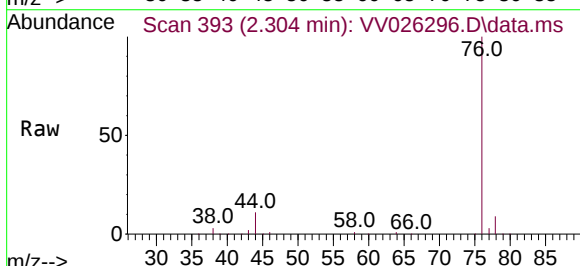
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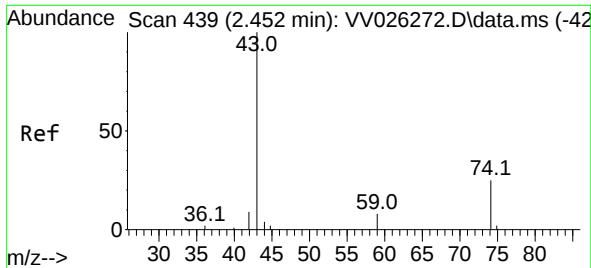
Tgt Ion: 76 Resp: 167719

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

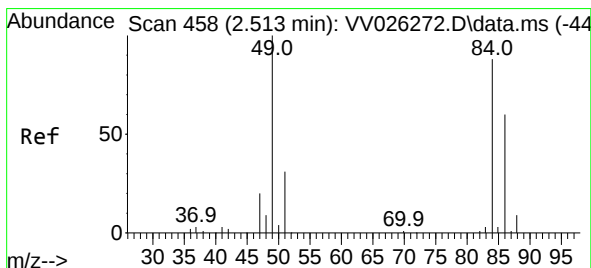
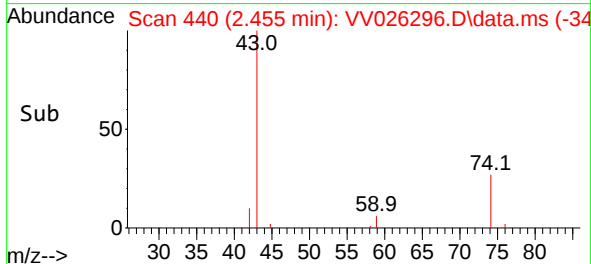
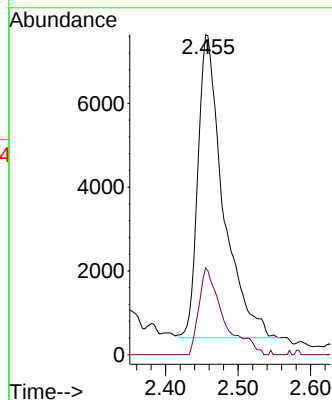
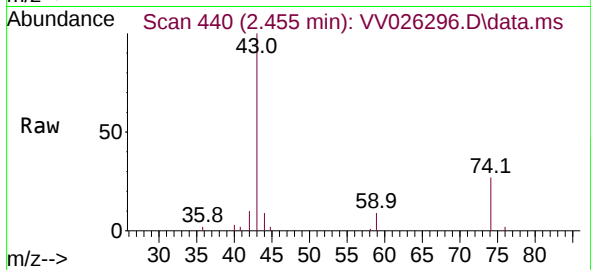




#15
Methyl Acetate
Concen: 5.129 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

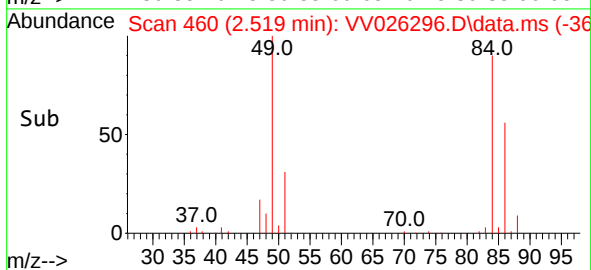
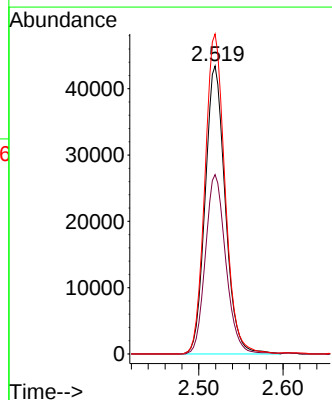
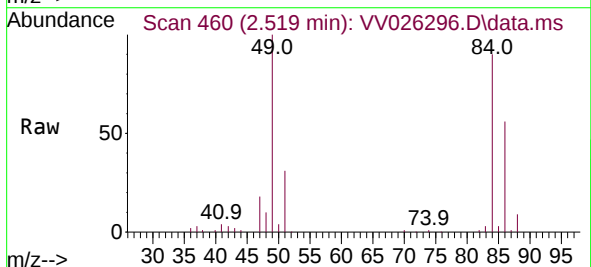
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

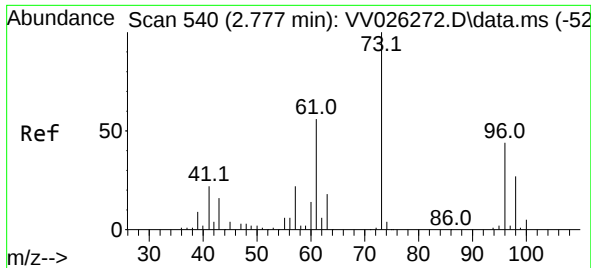
Tgt Ion: 43 Resp: 17476
Ion Ratio Lower Upper
43 100
74 27.7 21.4 32.0



#16
Methylene chloride
Concen: 4.136 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 84 Resp: 72078
Ion Ratio Lower Upper
84 100
86 62.3 44.0 81.8
49 111.1 77.3 143.7

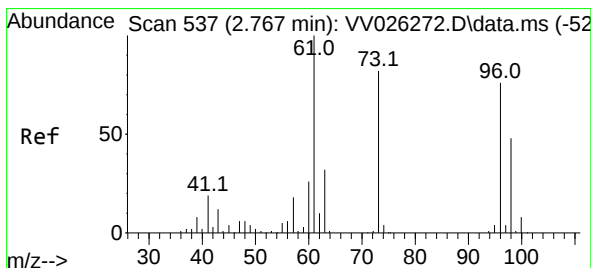
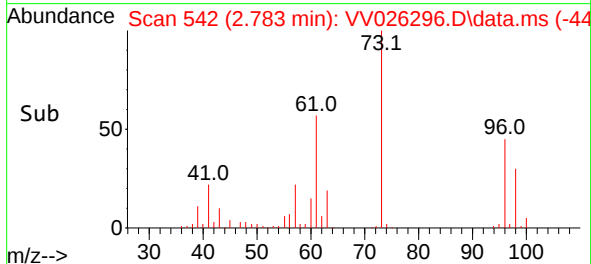
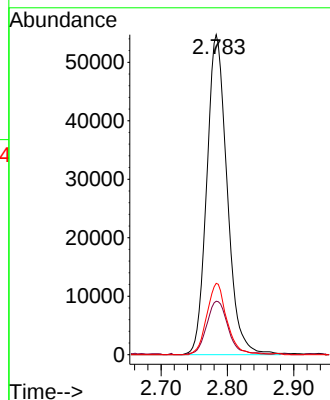
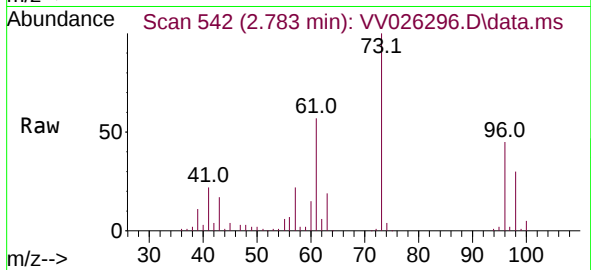




#17
Methyl tert-butyl Ether
Concen: 4.971 ug/L
RT: 2.783 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

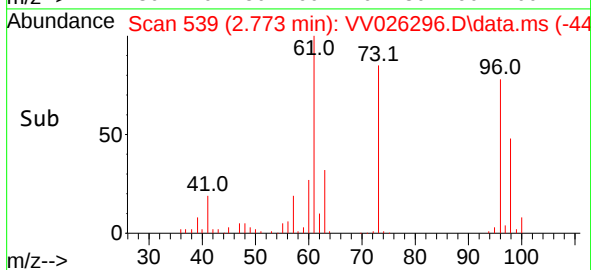
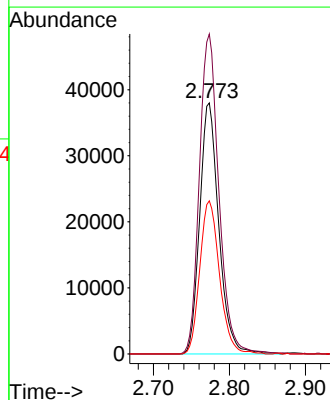
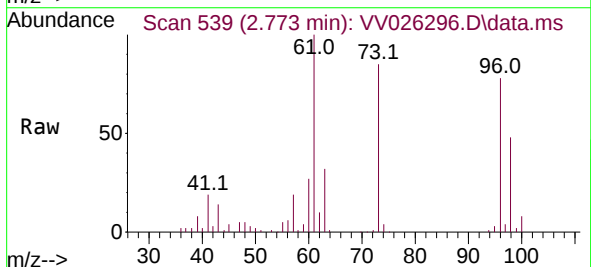
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

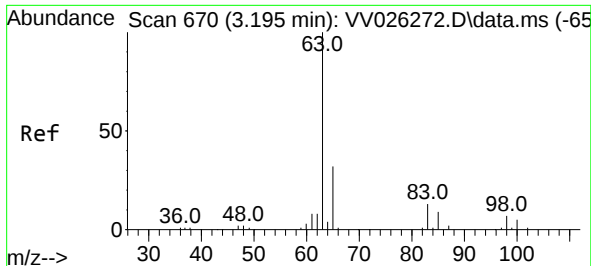
Tgt Ion: 73 Resp: 116747
Ion Ratio Lower Upper
73 100
43 17.8 13.0 19.6
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 96 Resp: 66372
Ion Ratio Lower Upper
96 100
61 127.4 91.3 169.6
98 61.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.072 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

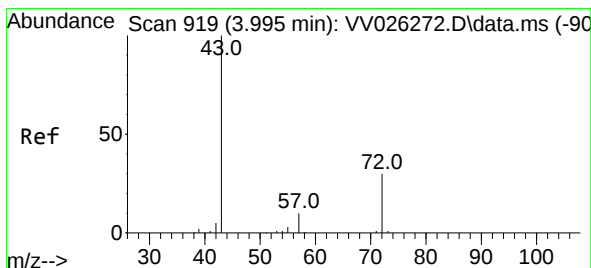
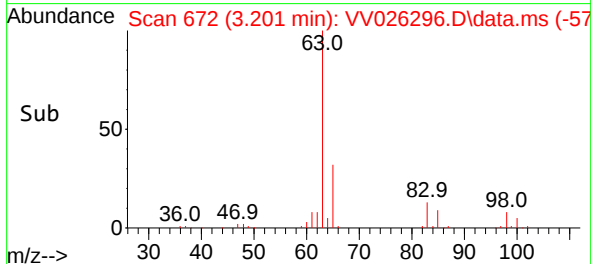
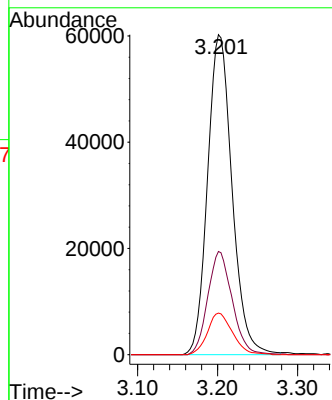
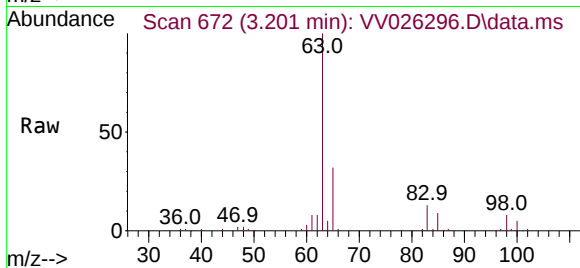
Tgt Ion: 63 Resp: 128119

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.0 8.9 16.5



#21

2-Butanone

Concen: 55.713 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.006 min

Lab File: VV026296.D

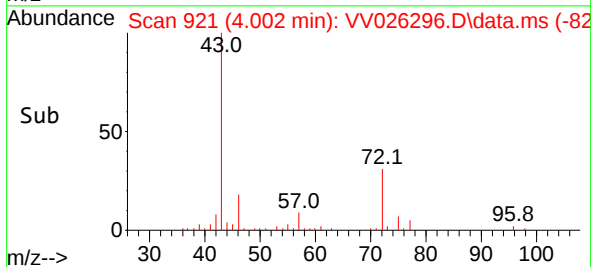
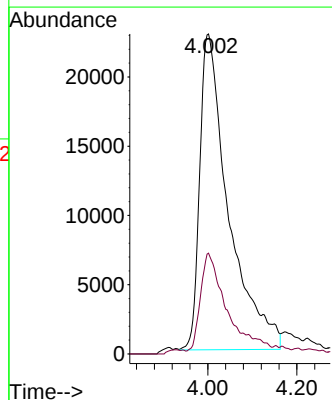
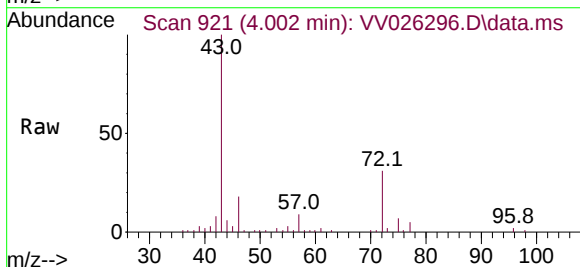
Acq: 15 Jun 2022 22:32

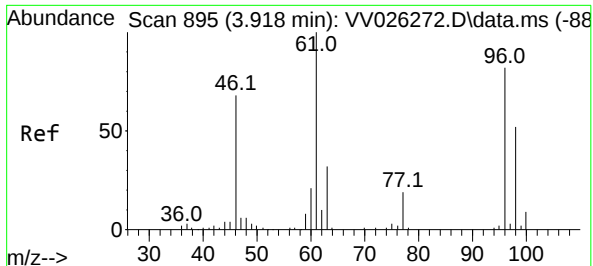
Tgt Ion: 43 Resp: 102362

Ion Ratio Lower Upper

43 100

72 28.4 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 5.087 ug/L

RT: 3.924 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

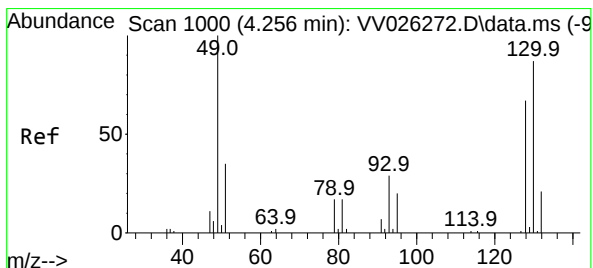
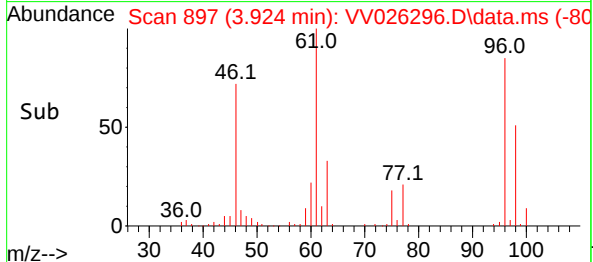
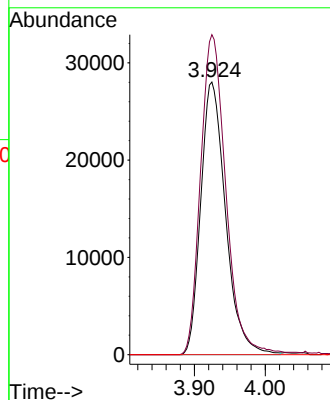
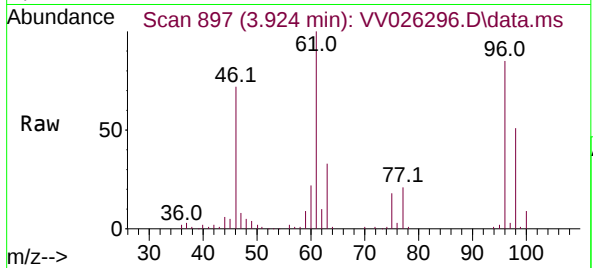
Tgt Ion: 96 Resp: 68172

Ion Ratio Lower Upper

96 100

61 117.4 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.211 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Tgt Ion: 128 Resp: 29633

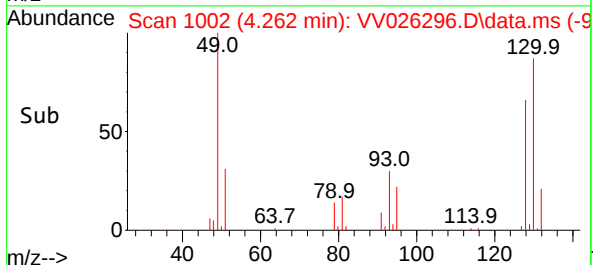
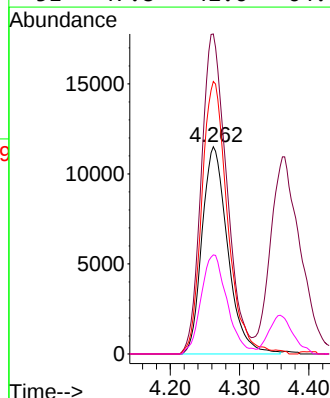
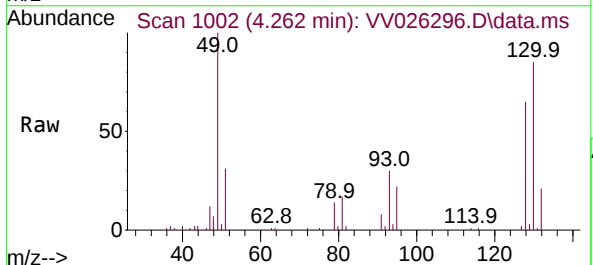
Ion Ratio Lower Upper

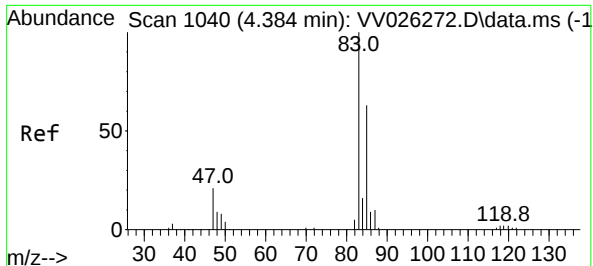
128 100

49 154.5 111.6 207.2

130 131.5 91.1 169.1

51 47.8 42.6 64.0





#25

Chloroform

Concen: 4.928 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

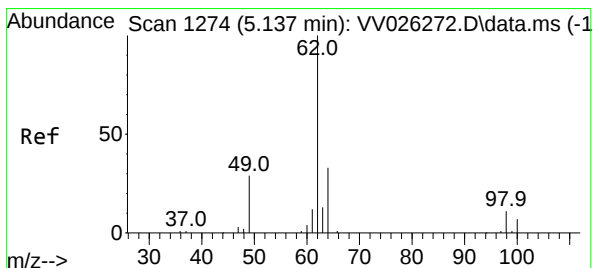
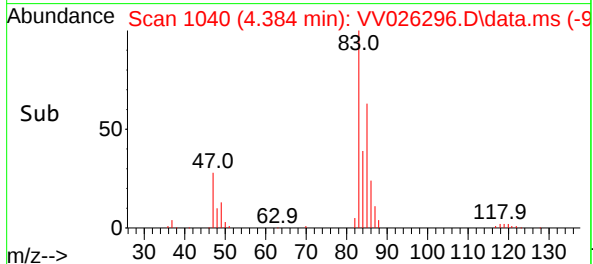
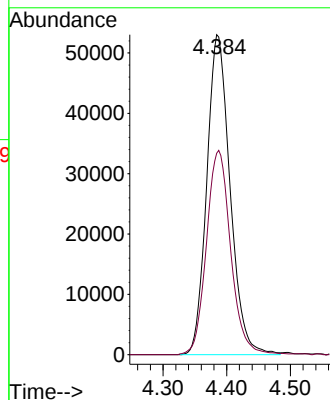
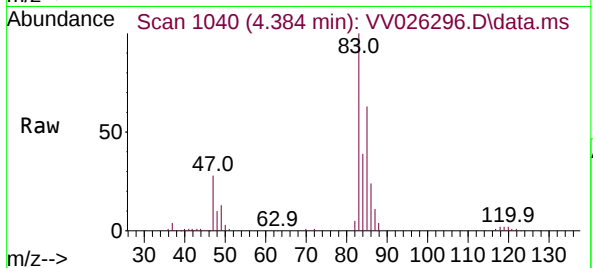
VSTD005317

Tgt Ion: 83 Resp: 135036

Ion Ratio Lower Upper

83 100

85 63.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.089 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026296.D

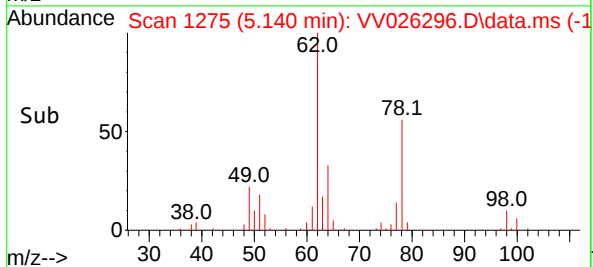
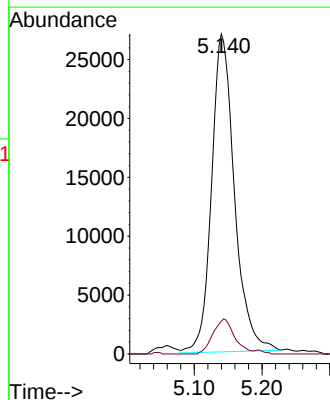
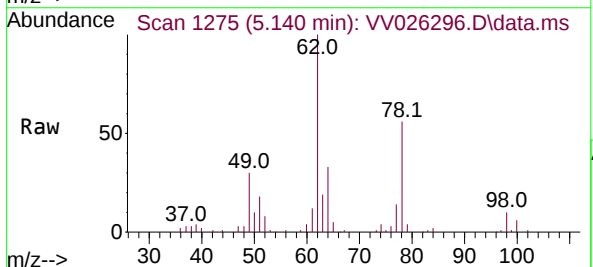
Acq: 15 Jun 2022 22:32

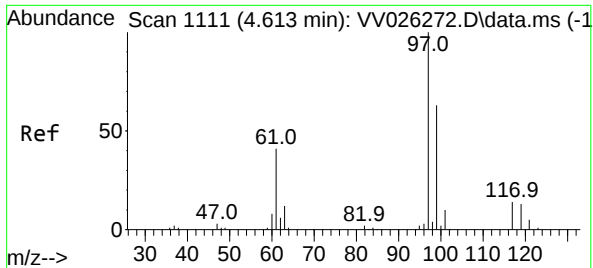
Tgt Ion: 62 Resp: 63476

Ion Ratio Lower Upper

62 100

98 10.3 8.6 13.0

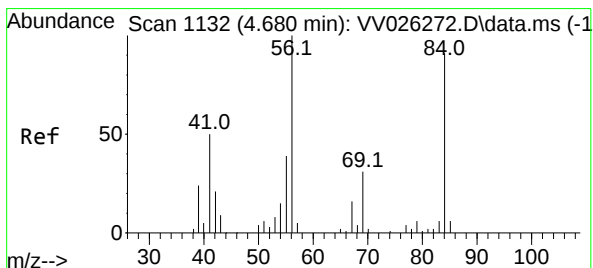
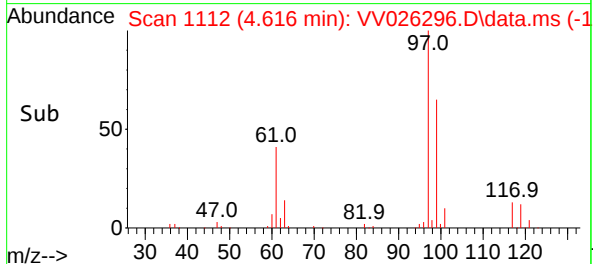
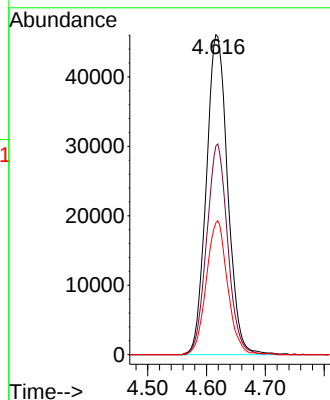
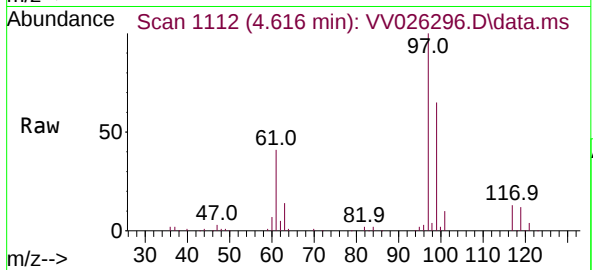




#29
1,1,1-Trichloroethane
Concen: 5.051 ug/L
RT: 4.616 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

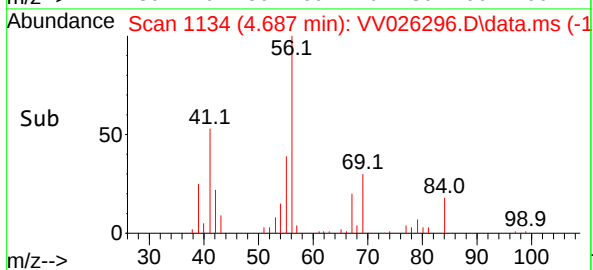
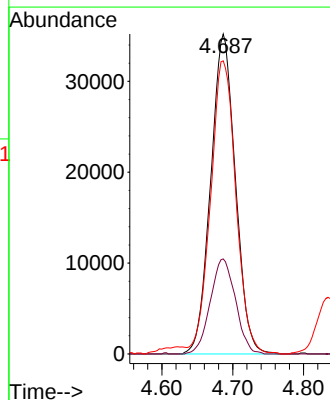
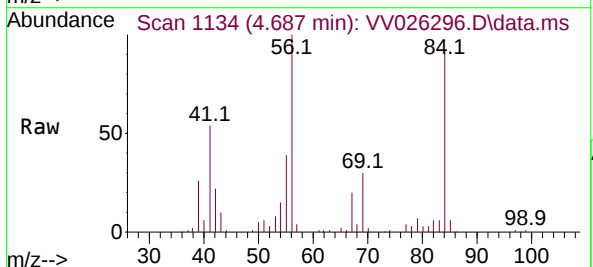
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

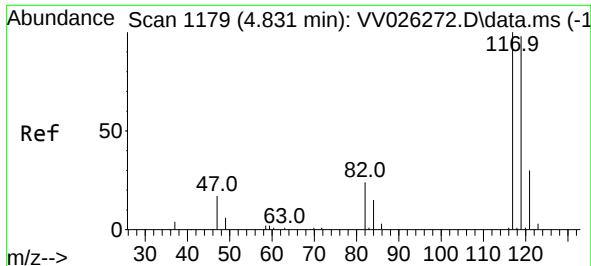
Tgt Ion: 97 Resp: 116292
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 41.7 33.4 50.0



#30
Cyclohexane
Concen: 4.942 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 56 Resp: 85103
Ion Ratio Lower Upper
56 100
69 30.3 24.9 37.3
84 94.0 76.4 114.6

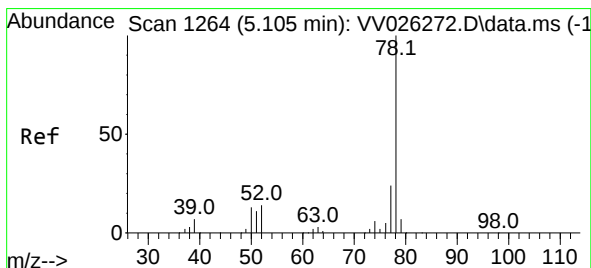
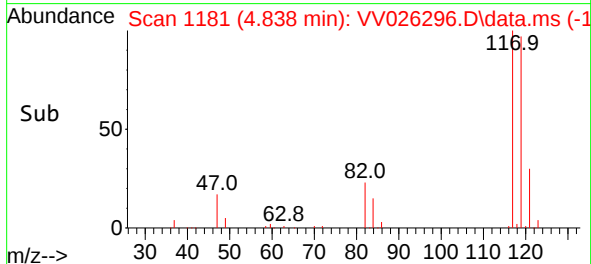
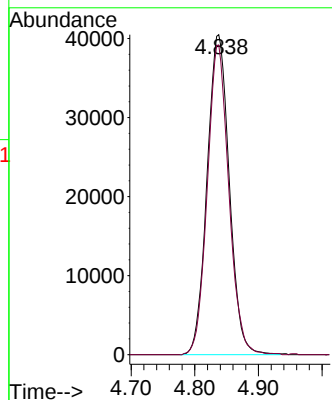
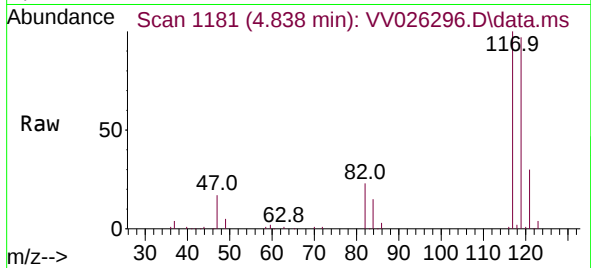




#31
Carbon tetrachloride
Concen: 5.036 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

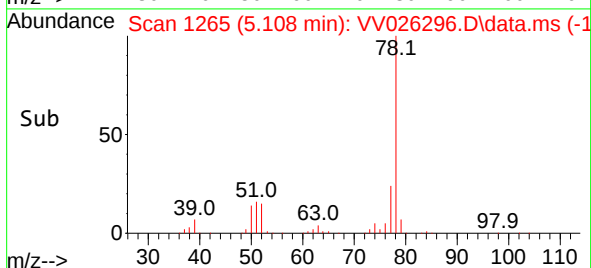
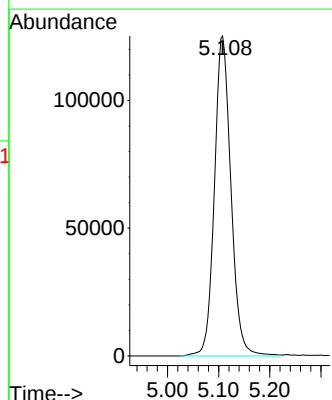
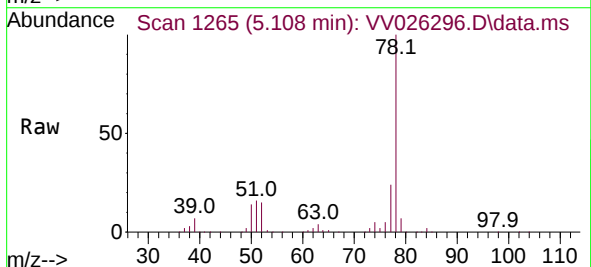
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

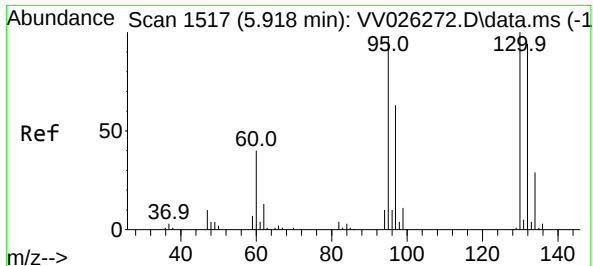
Tgt Ion:117 Resp: 98191
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.4



#33
Benzene
Concen: 5.264 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 78 Resp: 281215

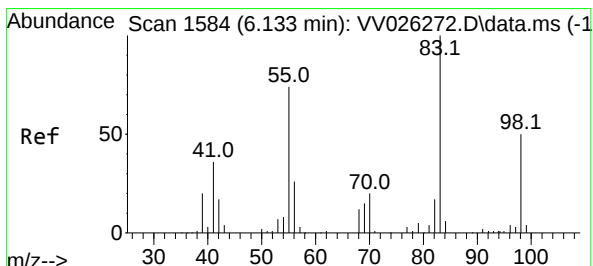
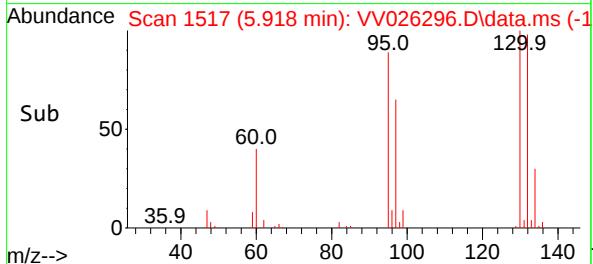
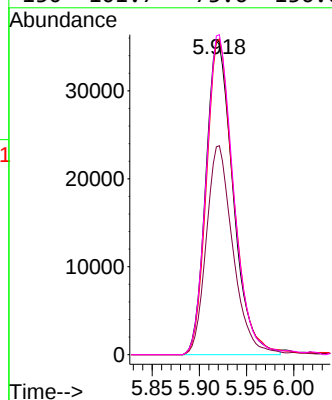
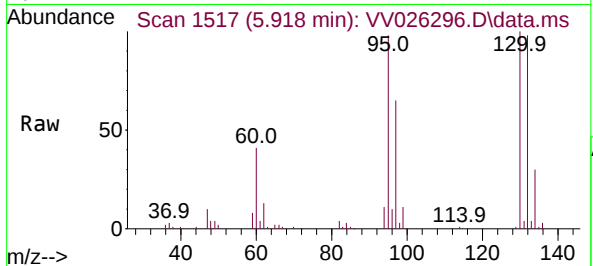




#34
Trichloroethene
Concen: 4.894 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

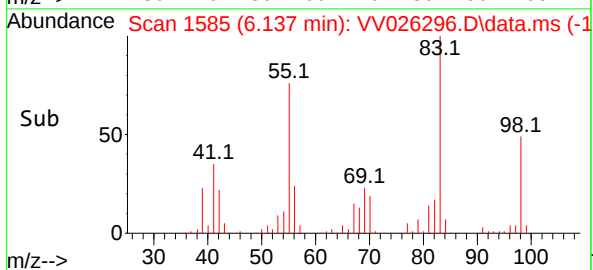
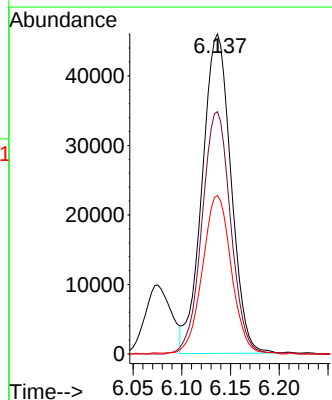
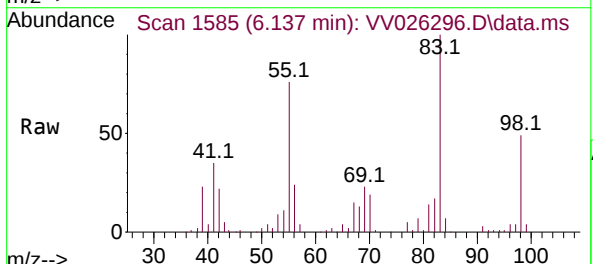
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

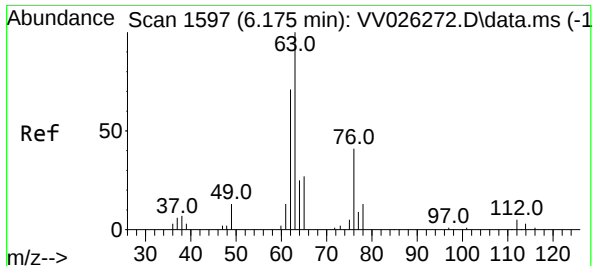
Tgt Ion: 95 Resp: 71373
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.3
132 99.5 68.8 127.8
130 101.7 73.6 136.6



#35
Methylcyclohexane
Concen: 4.679 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 83 Resp: 94403
Ion Ratio Lower Upper
83 100
55 75.7 59.3 88.9
98 49.8 39.9 59.9





#37

1,2-Dichloropropane

Concen: 4.936 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

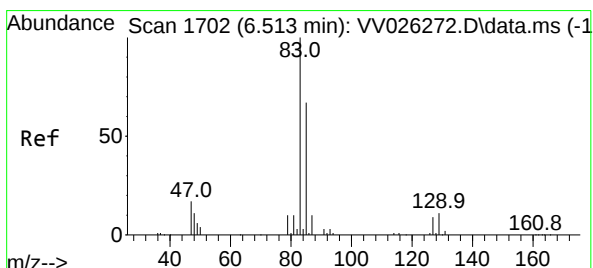
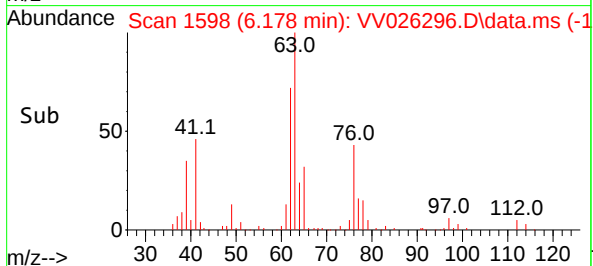
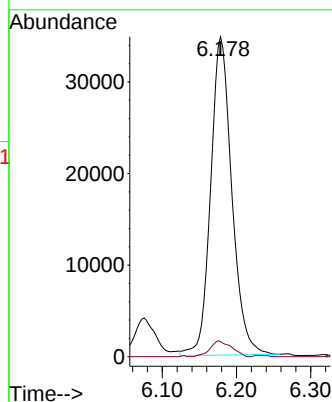
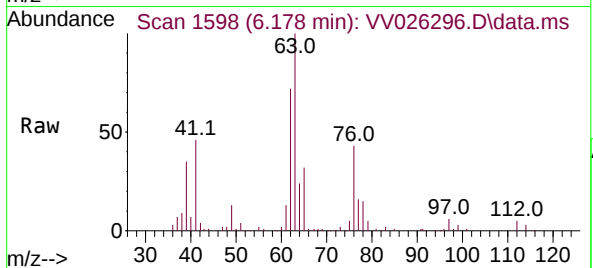
VSTD005317

Tgt Ion: 63 Resp: 68969

Ion Ratio Lower Upper

63 100

112 5.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 4.897 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

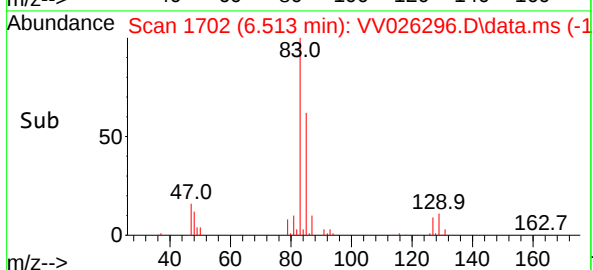
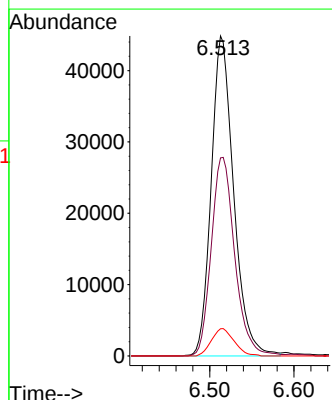
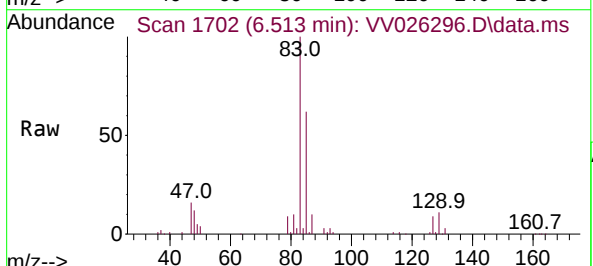
Tgt Ion: 83 Resp: 82997

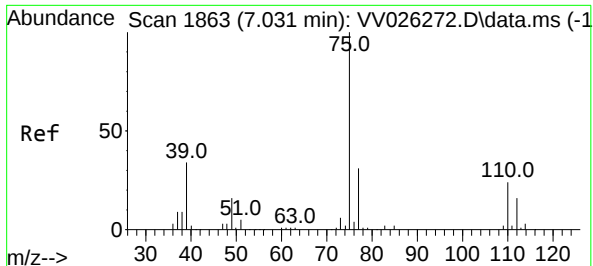
Ion Ratio Lower Upper

83 100

85 61.9 45.6 84.6

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.715 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

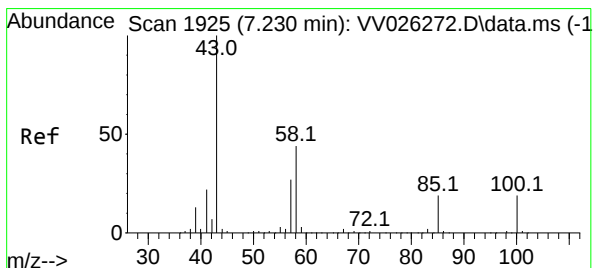
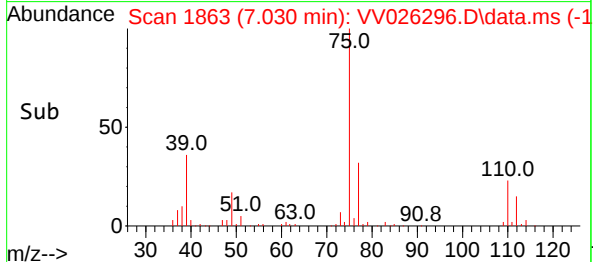
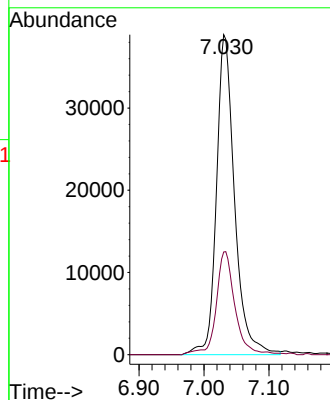
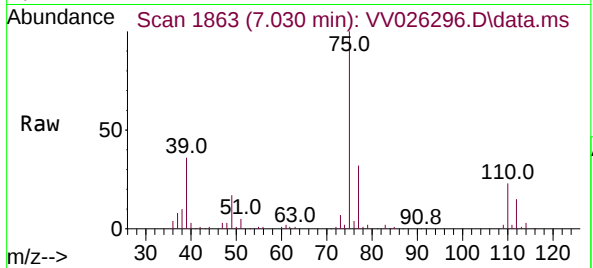
VSTD005317

Tgt Ion: 75 Resp: 75190

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 51.991 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

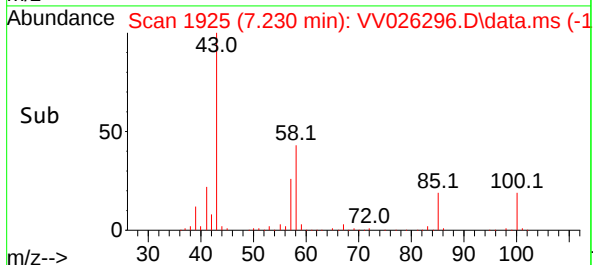
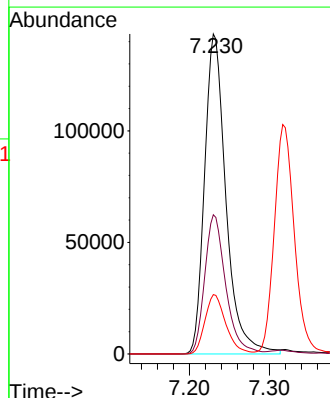
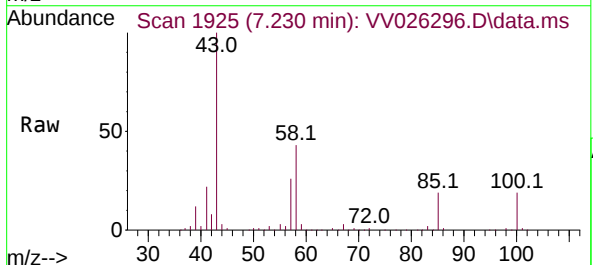
Tgt Ion: 43 Resp: 267100

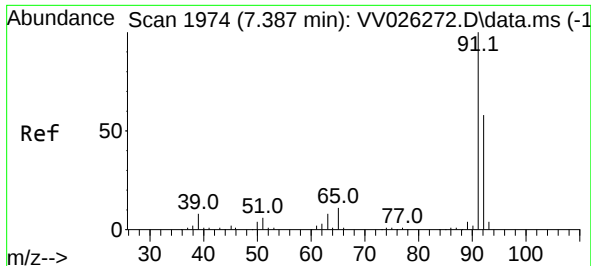
Ion Ratio Lower Upper

43 100

58 42.8 33.3 49.9

100 18.0 13.4 20.2





#42

Toluene

Concen: 5.356 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

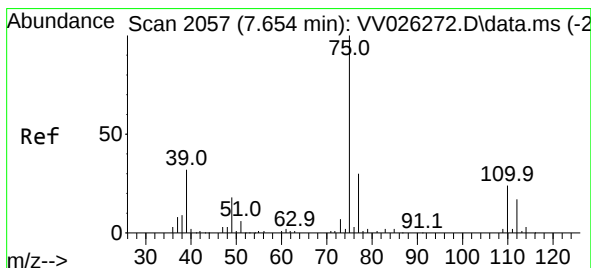
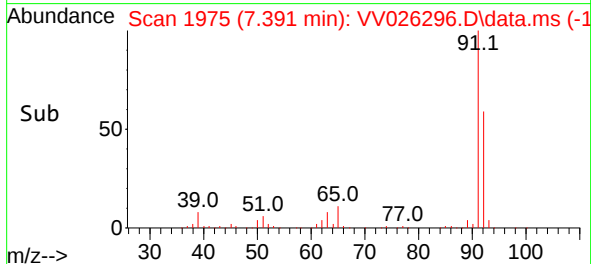
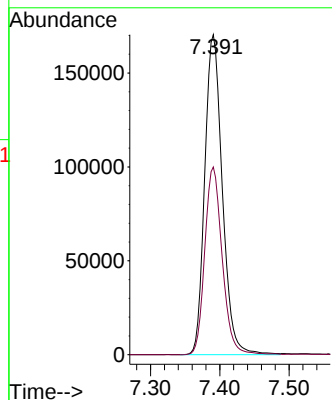
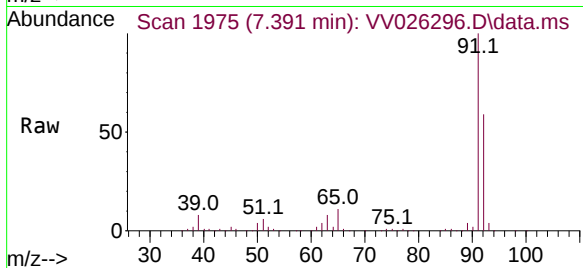
VSTD005317

Tgt Ion: 91 Resp: 300919

Ion Ratio Lower Upper

91 100

92 58.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.852 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026296.D

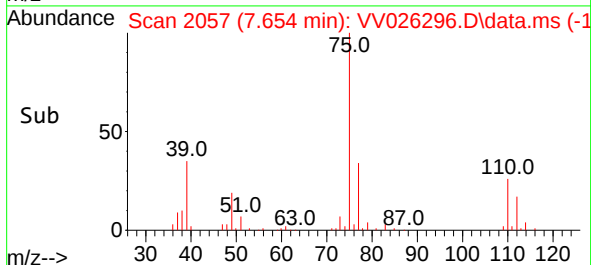
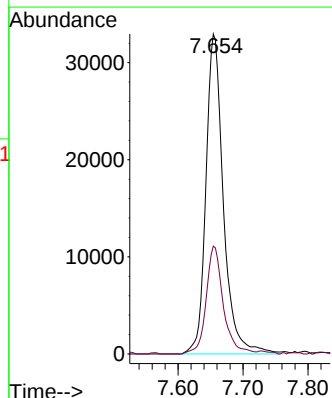
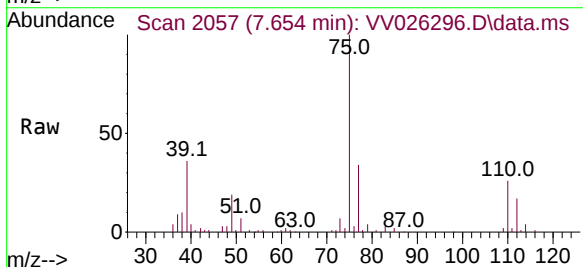
Acq: 15 Jun 2022 22:32

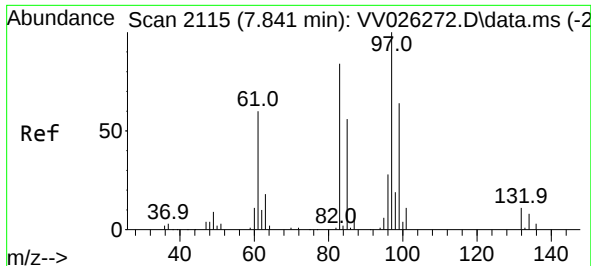
Tgt Ion: 75 Resp: 61790

Ion Ratio Lower Upper

75 100

77 33.7 23.7 43.9

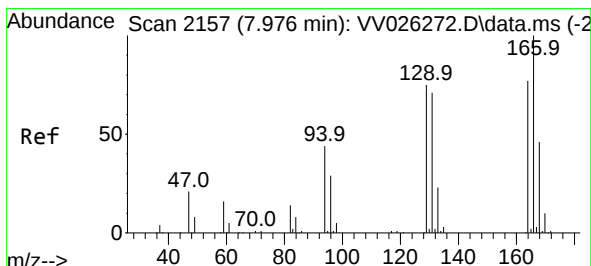
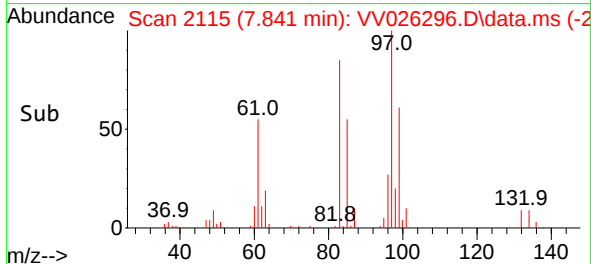
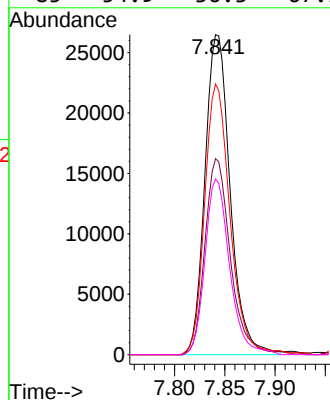
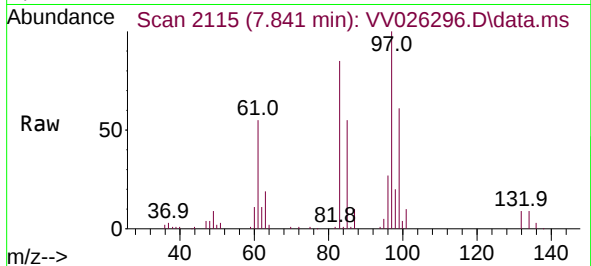




#45
1,1,2-Trichloroethane
Concen: 5.043 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

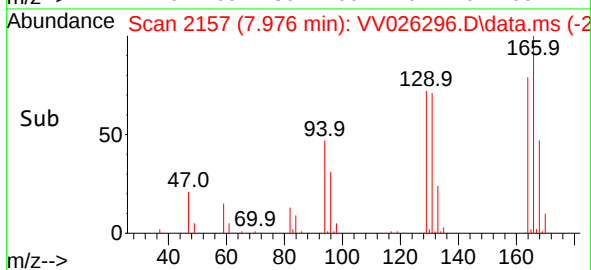
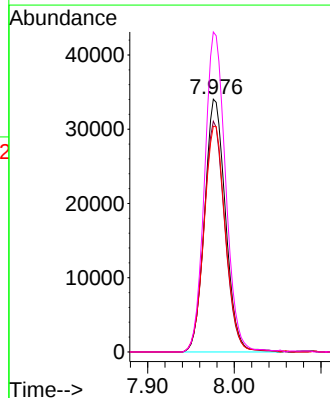
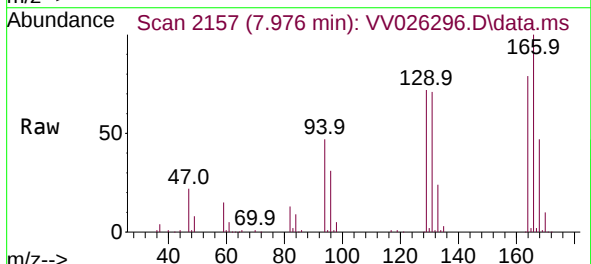
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

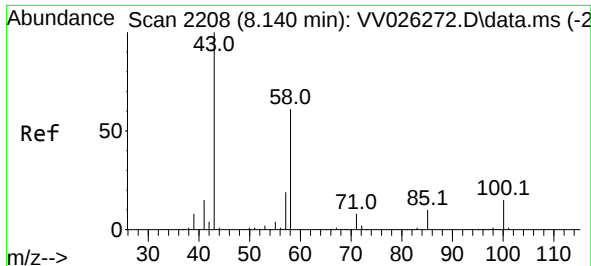
Tgt Ion: 97	Resp: 46252
Ion Ratio	Lower Upper
97 100	
99 61.3	42.4 78.6
83 84.6	56.1 104.1
85 54.9	36.3 67.5



#47
Tetrachloroethene
Concen: 5.289 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt	Ion:164	Resp:	57137
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.5	125.3
131	89.3	63.8	118.4
166	126.6	89.5	166.3

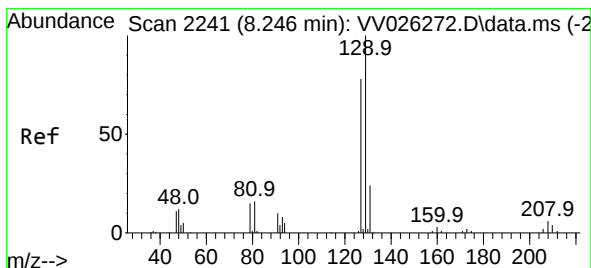
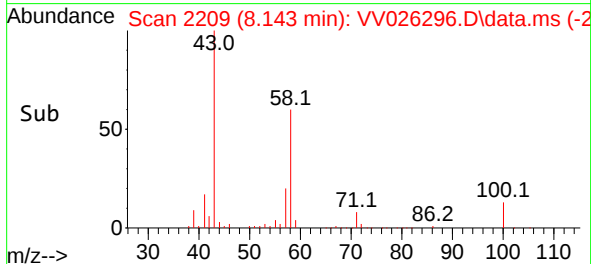
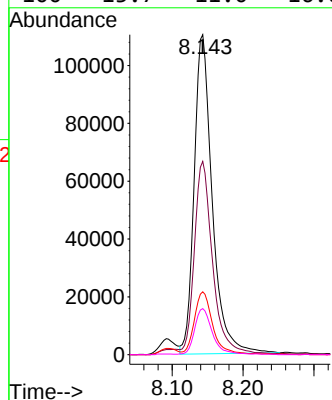
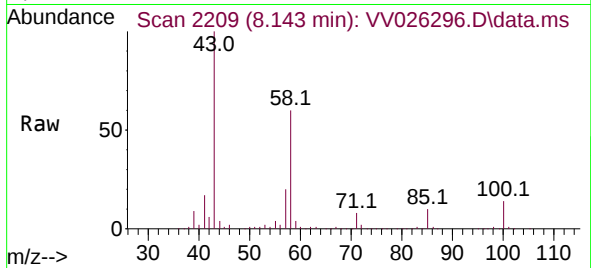




#48
2-Hexanone
Concen: 53.284 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

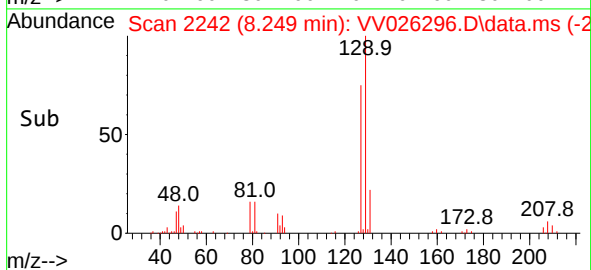
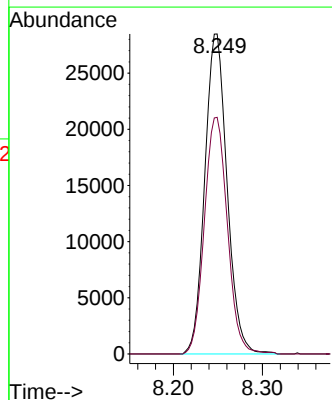
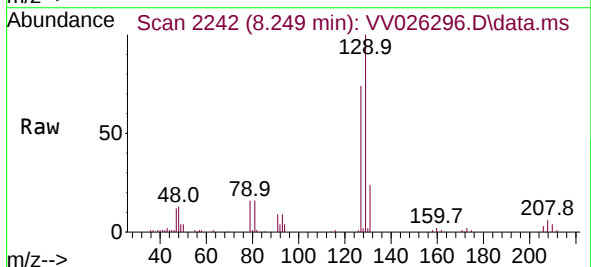
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

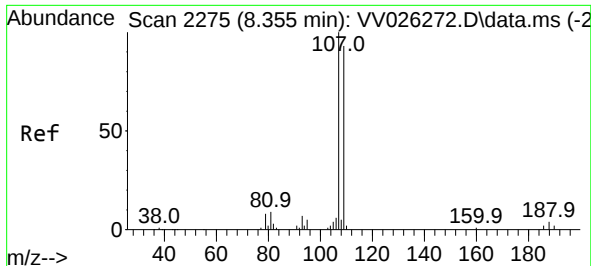
Tgt Ion: 43 Resp: 196126
Ion Ratio Lower Upper
43 100
58 60.9 48.7 73.1
57 19.2 16.0 24.0
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 4.880 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 129 Resp: 49560
Ion Ratio Lower Upper
129 100
127 73.9 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.067 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

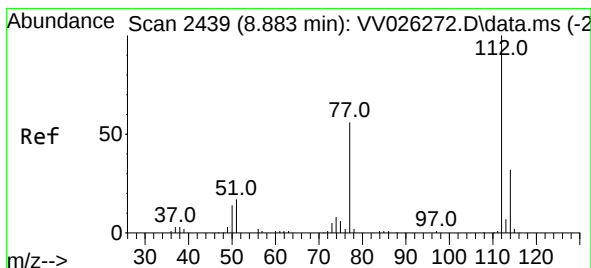
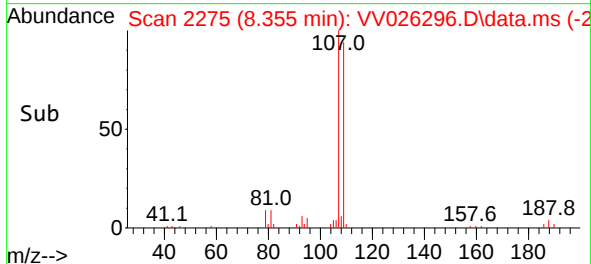
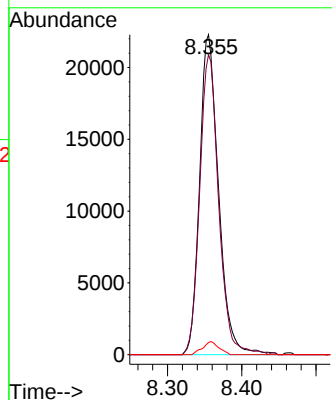
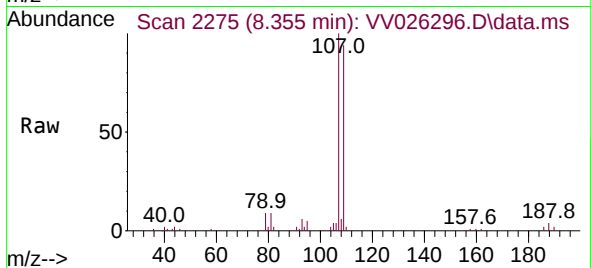
Tgt Ion:107 Resp: 39597

Ion Ratio Lower Upper

107 100

109 93.8 65.2 121.2

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 5.031 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

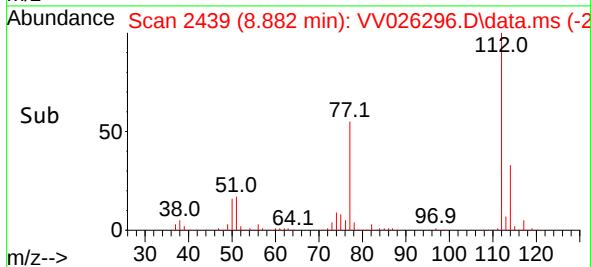
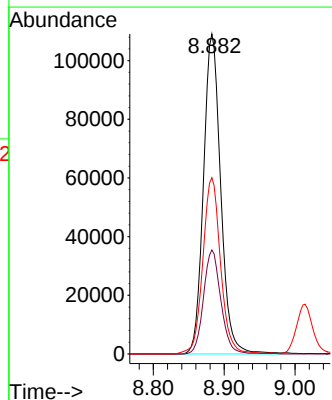
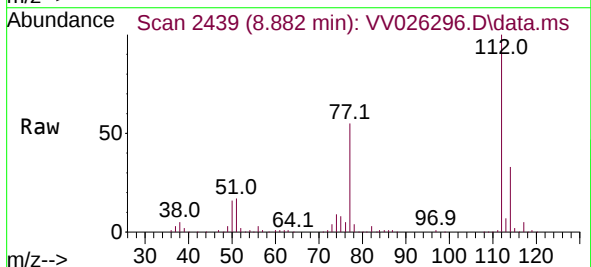
Tgt Ion:112 Resp: 184586

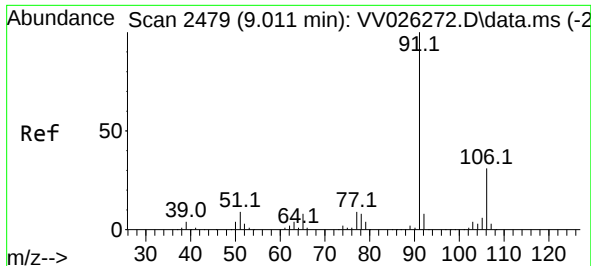
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 55.1 44.5 66.7





#52

Ethylbenzene

Concen: 5.216 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

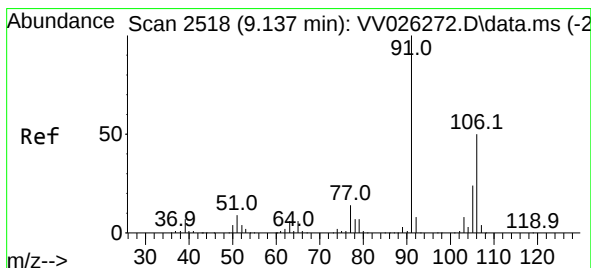
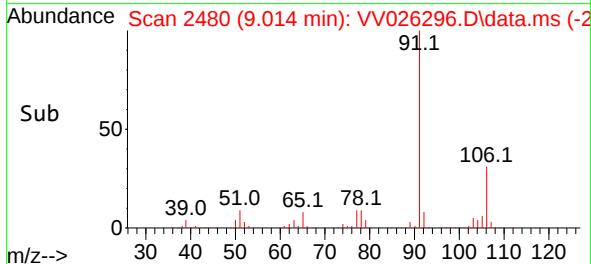
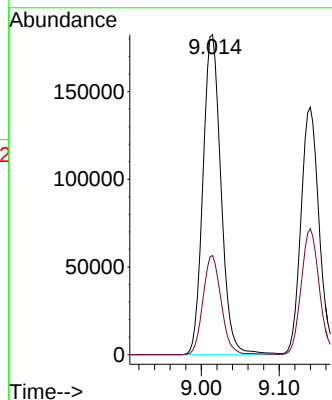
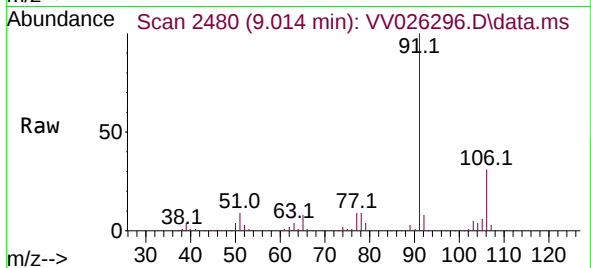
VSTD005317

Tgt Ion: 91 Resp: 293789

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



#53

m,p-Xylene

Concen: 5.265 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026296.D

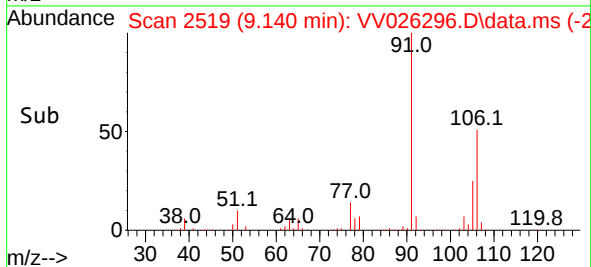
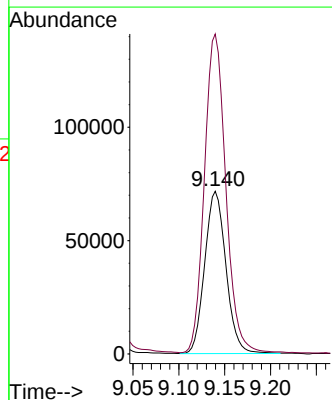
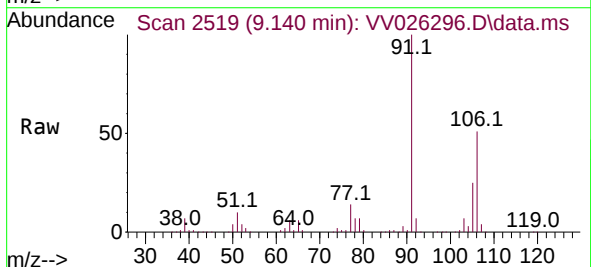
Acq: 15 Jun 2022 22:32

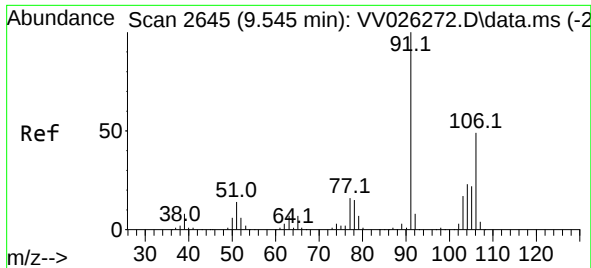
Tgt Ion: 106 Resp: 115585

Ion Ratio Lower Upper

106 100

91 196.6 141.3 262.3

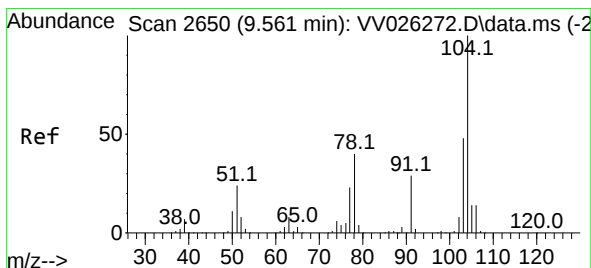
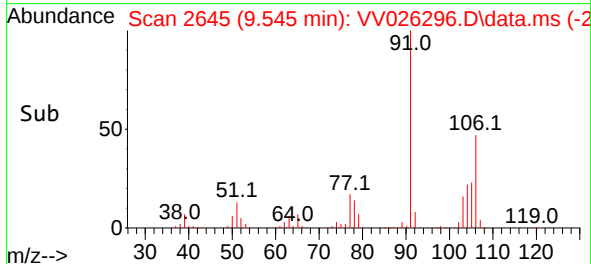
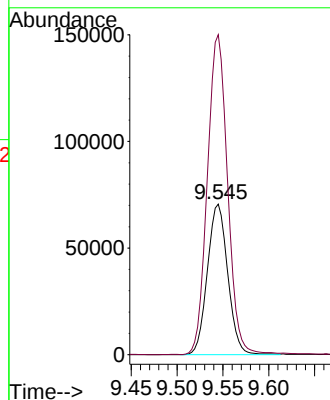
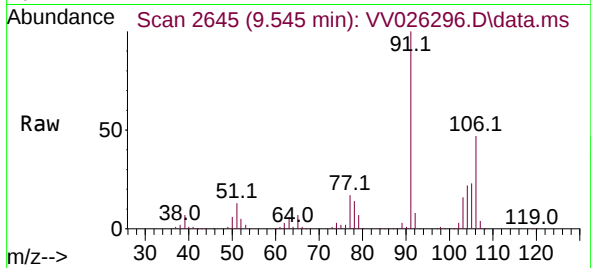




#54
o-Xylene
Concen: 5.132 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

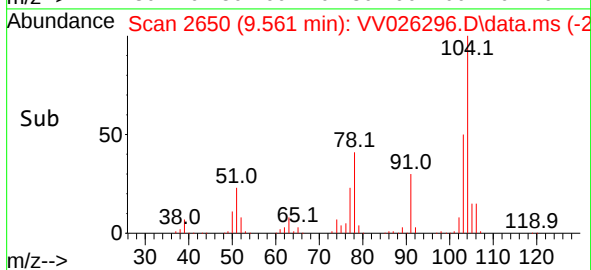
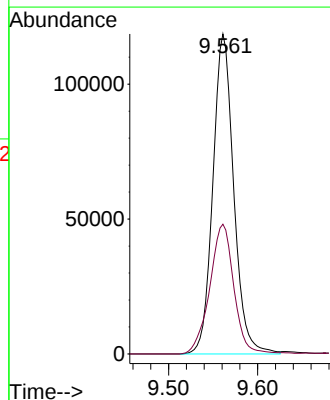
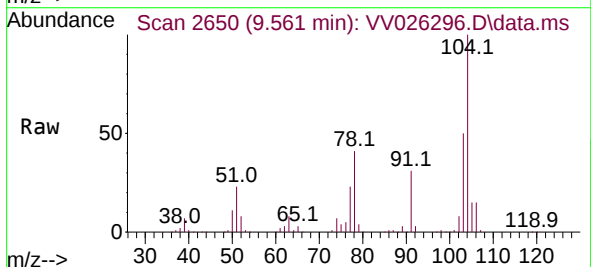
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

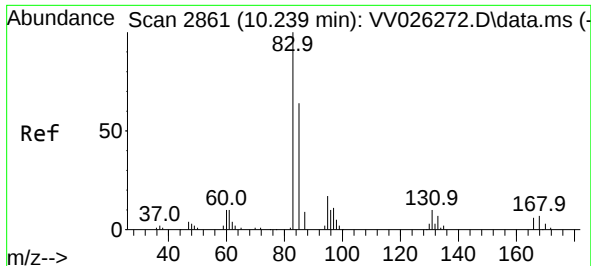
Tgt Ion:106 Resp: 109152
Ion Ratio Lower Upper
106 100
91 212.5 143.3 266.1



#55
Styrene
Concen: 5.400 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion:104 Resp: 192875
Ion Ratio Lower Upper
104 100
78 40.6 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.339 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

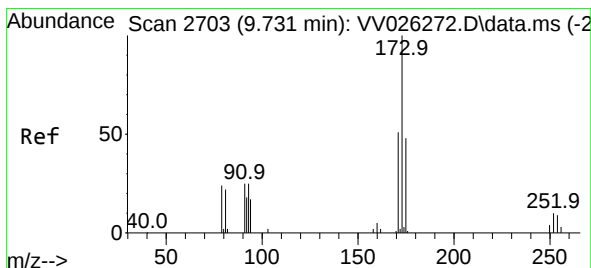
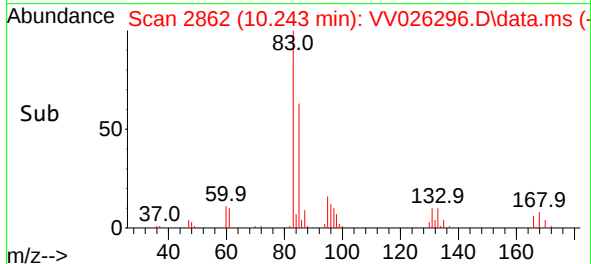
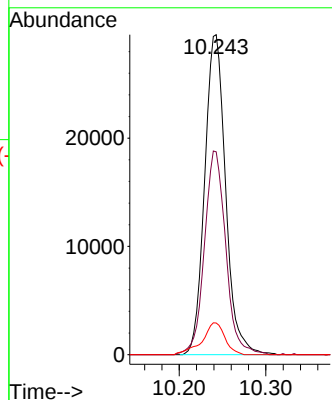
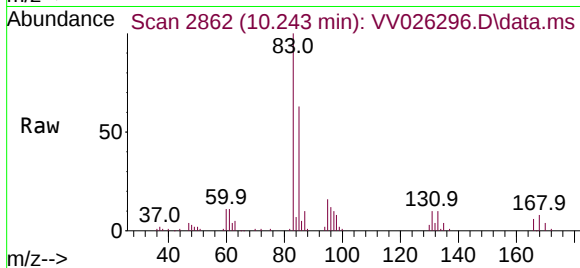
Tgt Ion: 83 Resp: 49664

Ion Ratio Lower Upper

83 100

85 63.4 47.1 87.5

131 9.9 7.7 11.5



#59

Bromoform

Concen: 4.578 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

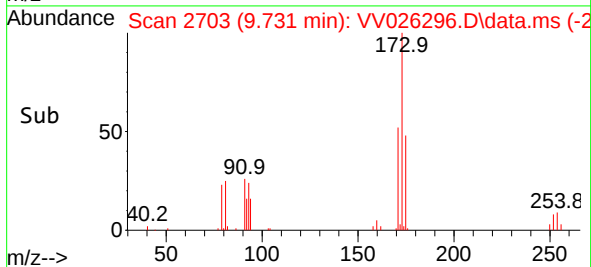
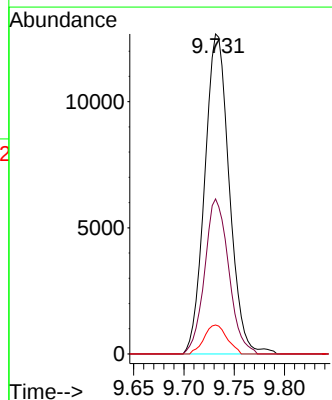
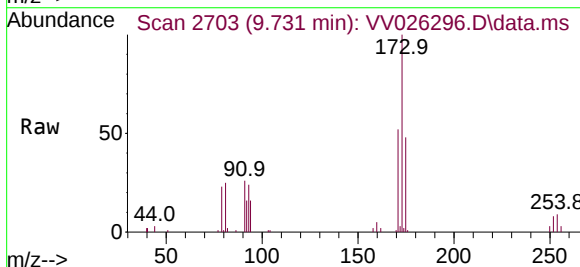
Tgt Ion:173 Resp: 21499

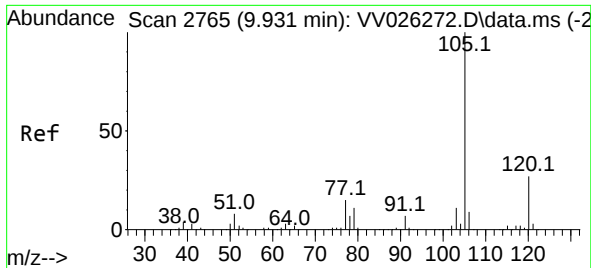
Ion Ratio Lower Upper

173 100

175 47.6 38.3 57.5

254 8.4 6.9 10.3

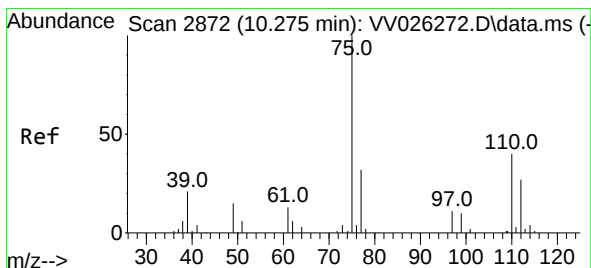
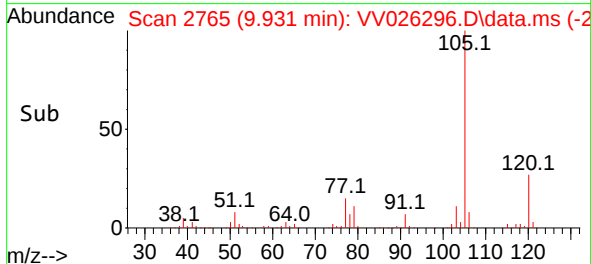
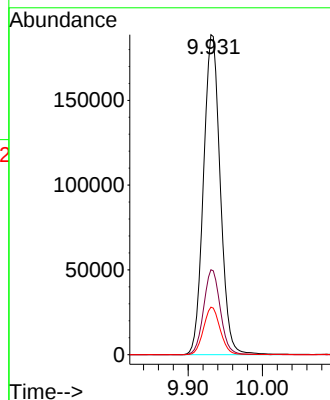
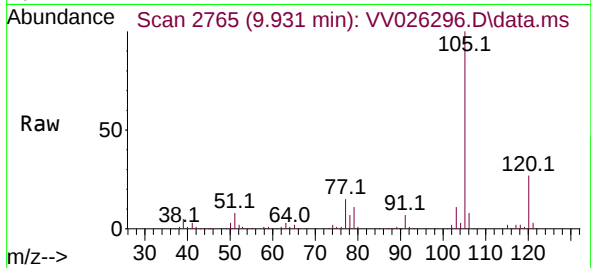




#60
Isopropylbenzene
Concen: 5.185 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

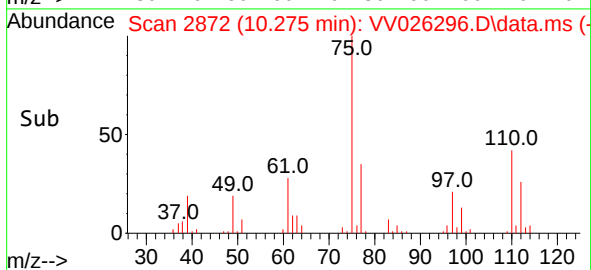
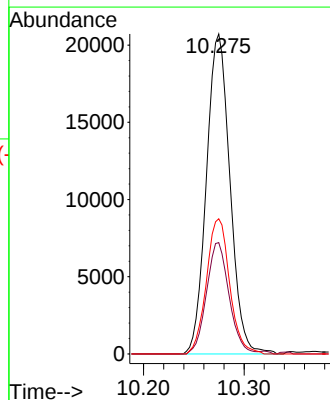
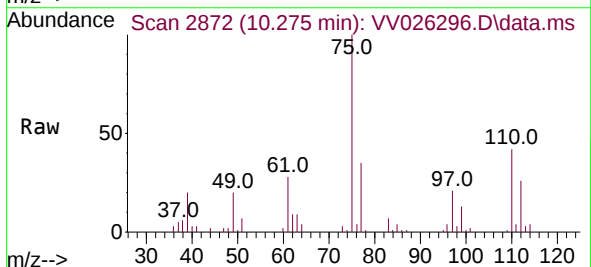
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

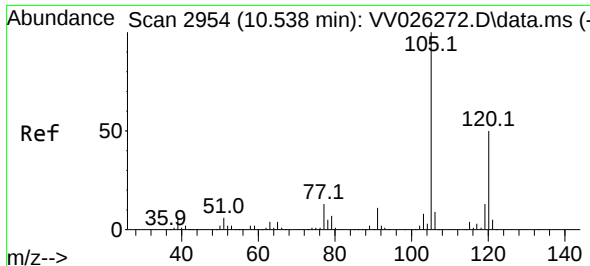
Tgt Ion:105 Resp: 295690
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 75 Resp: 33715
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 41.6 30.7 46.1

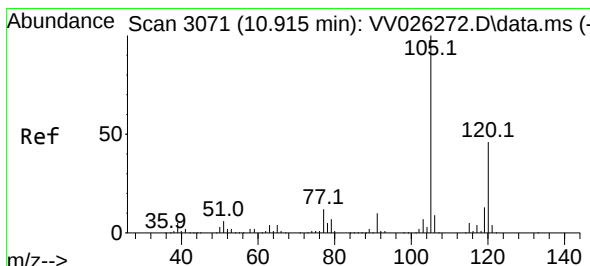
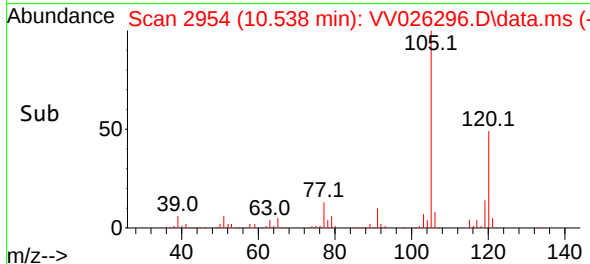
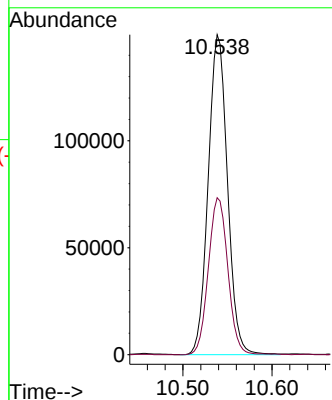
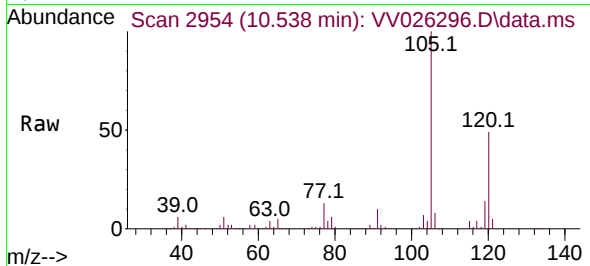




#62
1,3,5-Trimethylbenzene
Concen: 4.956 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

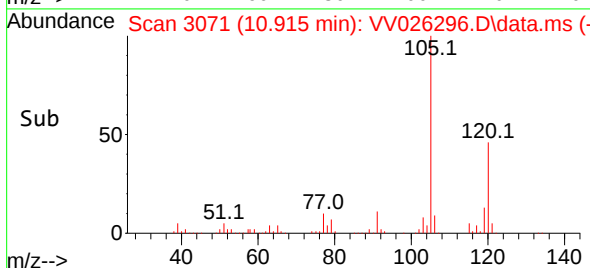
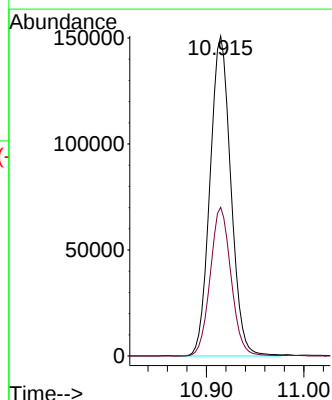
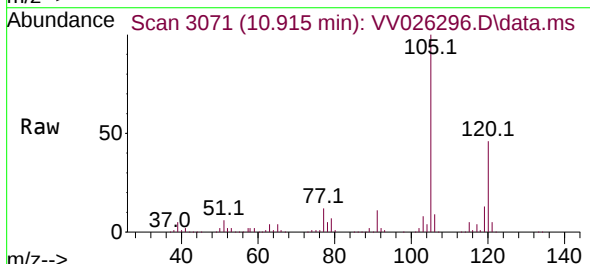
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

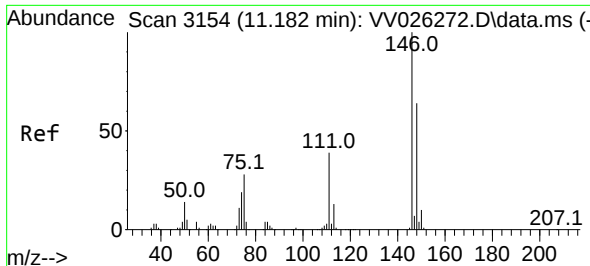
Tgt Ion:105 Resp: 224247
Ion Ratio Lower Upper
105 100
120 49.8 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.015 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion:105 Resp: 224584
Ion Ratio Lower Upper
105 100
120 46.3 36.9 55.3

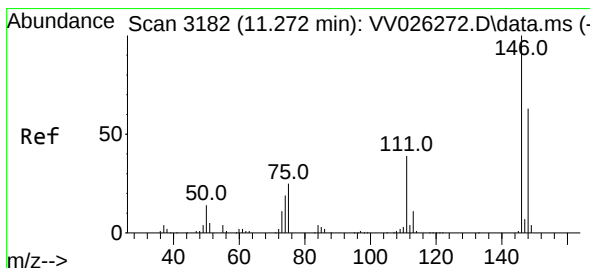
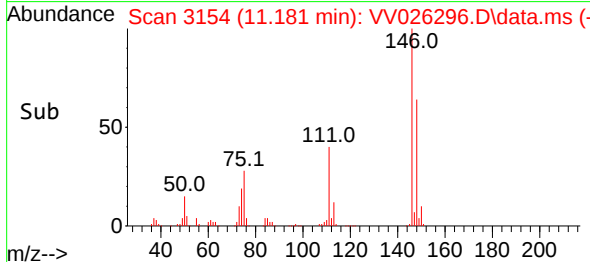
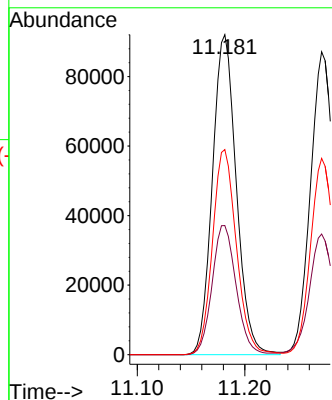
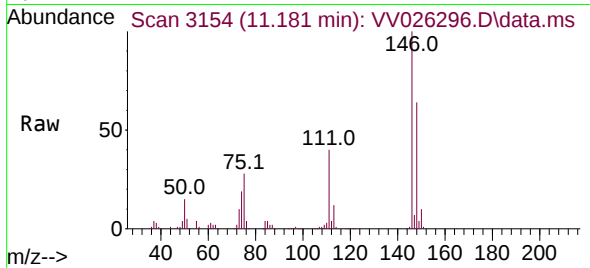




#64
 1,3-Dichlorobenzene
 Concen: 5.074 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. -0.000 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

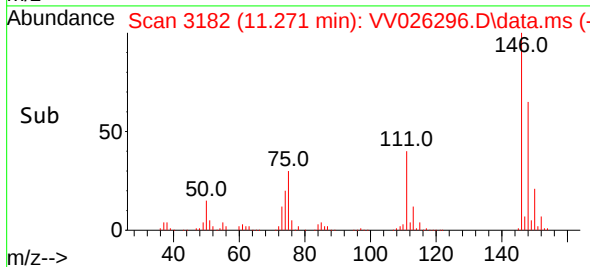
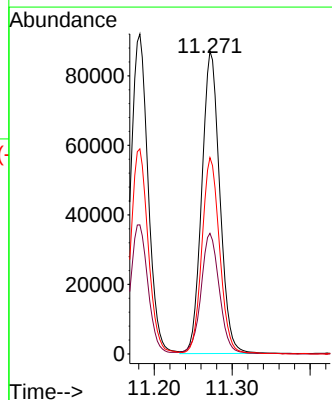
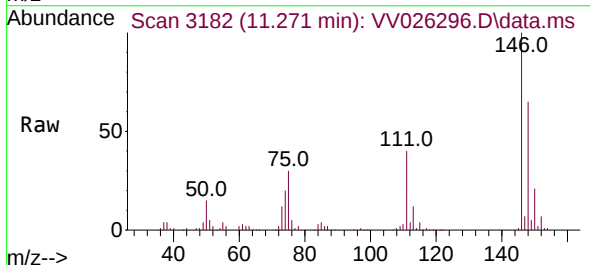
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

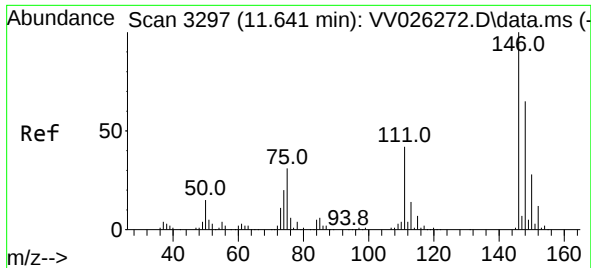
Tgt Ion:146 Resp: 142178
 Ion Ratio Lower Upper
 146 100
 111 40.3 27.8 51.6
 148 64.1 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 4.900 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026296.D
 Acq: 15 Jun 2022 22:32

Tgt Ion:146 Resp: 139528
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.7 49.7
 148 64.8 43.3 80.3

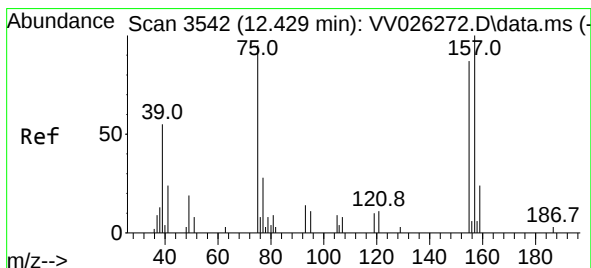
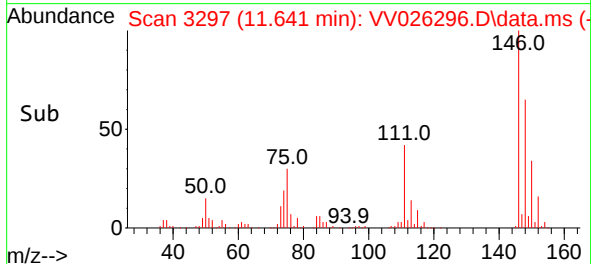
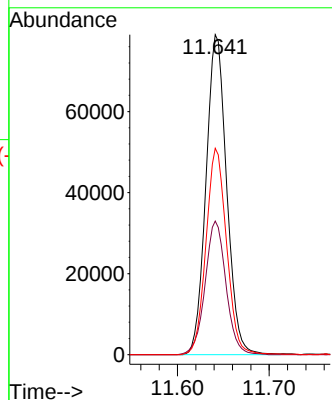
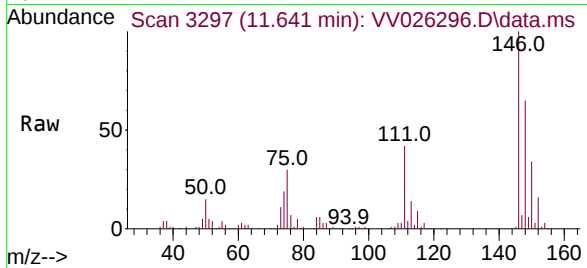




#67
1,2-Dichlorobenzene
Concen: 4.977 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

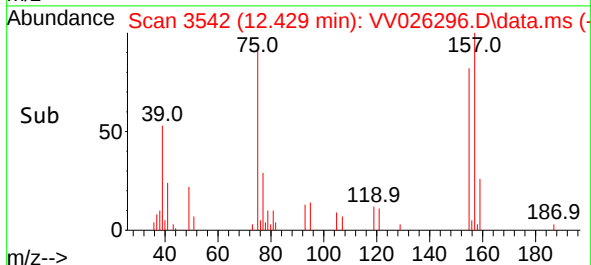
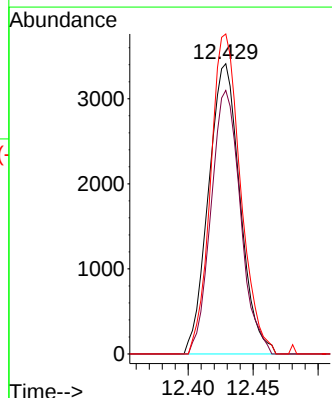
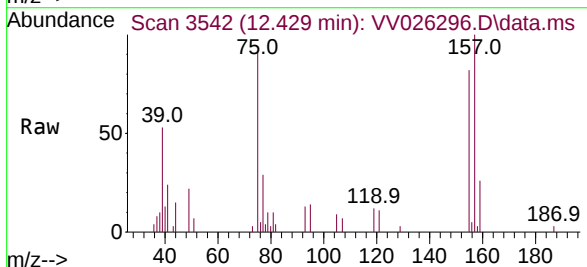
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

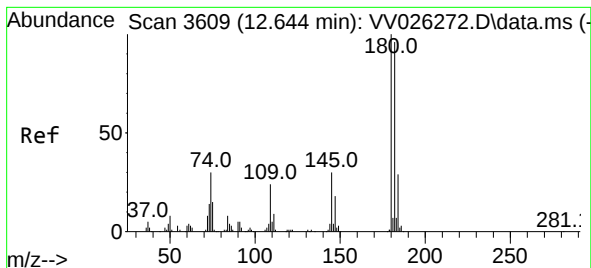
Tgt Ion:146 Resp: 123511
Ion Ratio Lower Upper
146 100
111 41.7 33.8 50.8
148 64.5 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.679 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV026296.D
Acq: 15 Jun 2022 22:32

Tgt Ion: 75 Resp: 5753
Ion Ratio Lower Upper
75 100
155 90.8 63.7 95.5
157 110.3 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.816 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026296.D

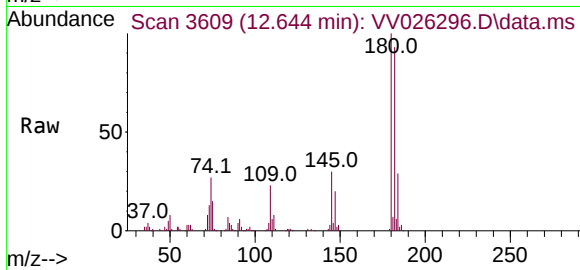
Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317



Tgt Ion:180 Resp: 97561

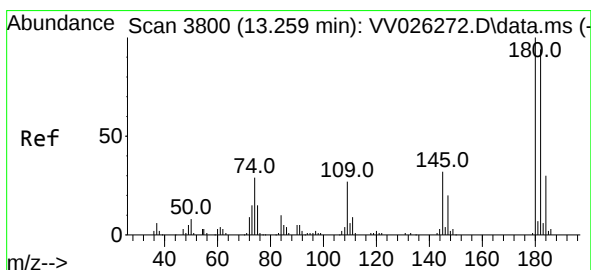
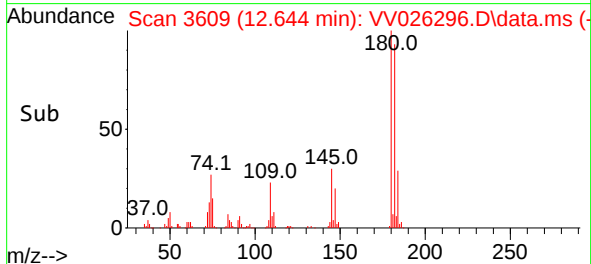
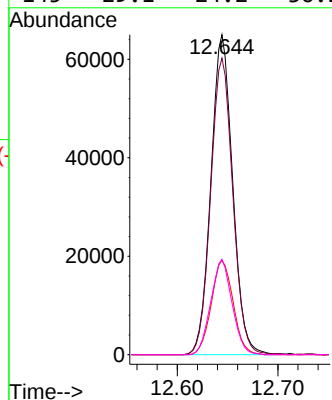
Ion Ratio Lower Upper

180 100

182 94.0 75.5 113.3

184 29.6 23.7 35.5

145 29.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.637 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

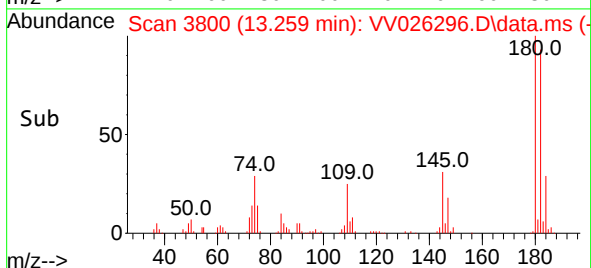
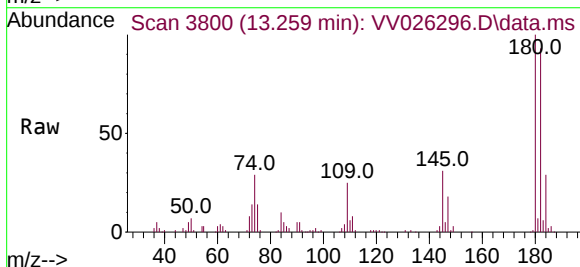
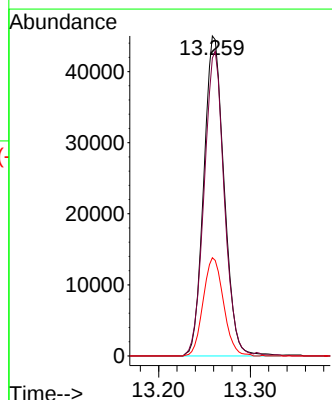
Tgt Ion:180 Resp: 69288

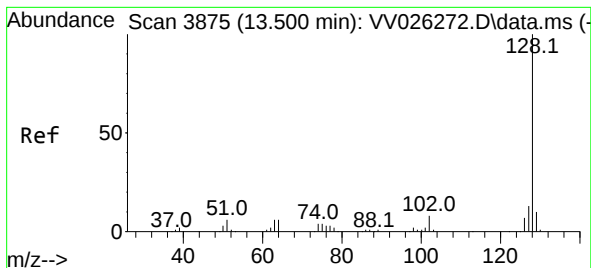
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

145 30.7 23.9 35.9





#71

Naphthalene

Concen: 4.406 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

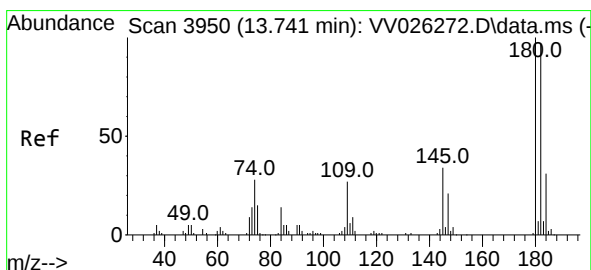
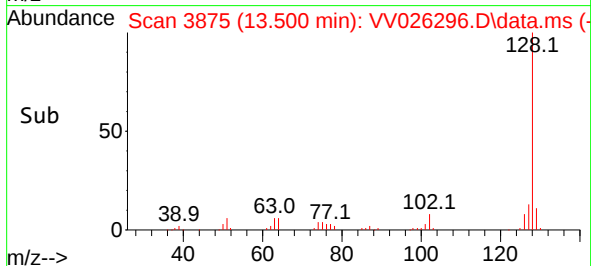
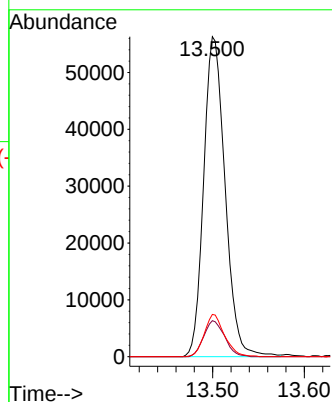
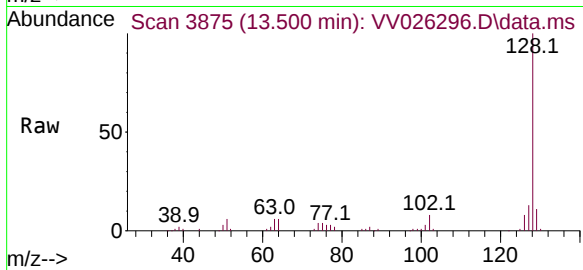
Tgt Ion:128 Resp: 91413

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.5 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.556 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026296.D

Acq: 15 Jun 2022 22:32

Tgt Ion:180 Resp: 56997

Ion Ratio Lower Upper

180 100

182 95.4 77.9 116.9

145 33.4 26.7 40.1

