

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026272.D
 Acq On : 15 Jun 2022 12:34
 Operator : SY/MD
 Sample : VSTDCCC05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Jun 16 01:32:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:22:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	221417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	207813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	88322	4.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.574	69	68304	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.114	63	154997	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.912	46	100659	53.640	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	4.355	84	138369	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.037	65	58324	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	279861	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.072	67	79669	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	266164	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.625	79	26291	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.092	63	85001	53.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49562	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	81943	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	79903	4.826	ug/L	98
3) Chloromethane	1.246	50	83097	4.520	ug/L	98
5) Vinyl chloride	1.317	62	90542	4.737	ug/L	99
6) Bromomethane	1.529	94	51248	4.798	ug/L	97
8) Chloroethane	1.590	64	55093	4.643	ug/L	97
9) Trichlorofluoromethane	1.757	101	125683	4.764	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	73824	4.825	ug/L	99
12) 1,1-Dichloroethene	2.124	96	68399	4.890	ug/L	100
13) Acetone	2.198	43	61816	42.506	ug/L	84
14) Carbon disulfide	2.298	76	169291	4.908	ug/L	99
15) Methyl Acetate	2.452	43	18943	5.429	ug/L	92
16) Methylene chloride	2.513	84	70305	3.939	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	126125	5.244	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	67750	4.994	ug/L	99
19) 1,1-Dichloroethane	3.195	63	126717	4.898	ug/L	99
21) 2-Butanone	3.995	43	96214	51.130	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	70525	5.138	ug/L	98
23) Bromochloromethane	4.256	128	29716	5.102	ug/L	96
25) Chloroform	4.384	83	135686	4.834	ug/L	96

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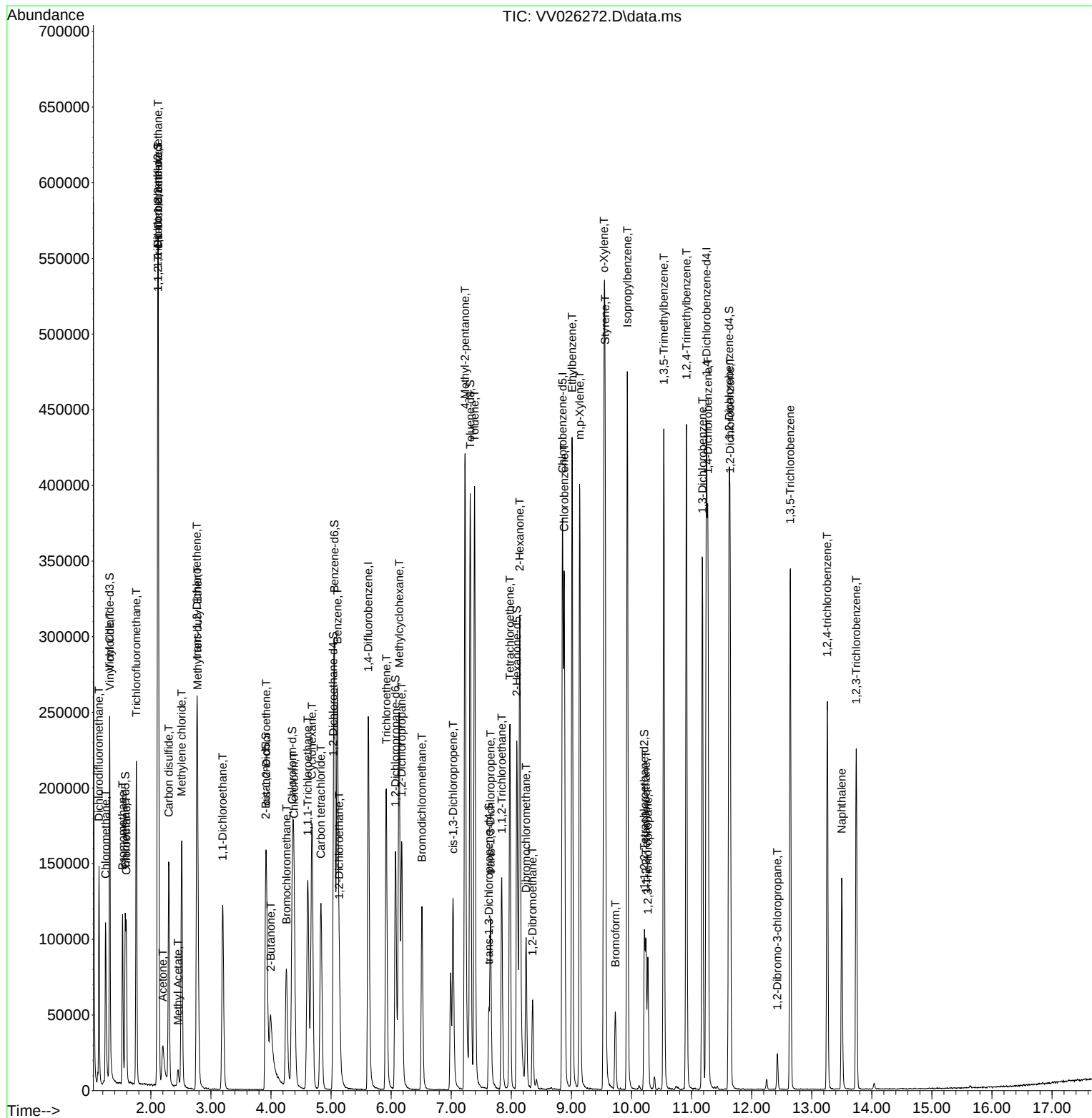
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	63940	5.005	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	114453	4.985	ug/L	99
30) Cyclohexane	4.680	56	90608	5.276	ug/L	99
31) Carbon tetrachloride	4.831	117	95619	4.917	ug/L	99
33) Benzene	5.105	78	278814	5.233	ug/L	100
34) Trichloroethene	5.918	95	71212	4.896	ug/L	97
35) Methylcyclohexane	6.133	83	104895	5.213	ug/L	97
37) 1,2-Dichloropropane	6.175	63	65691	4.714	ug/L #	97
38) Bromodichloromethane	6.513	83	83289	4.928	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	83617	5.257	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	288119	56.231	ug/L	98
42) Toluene	7.387	91	301235	5.376	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	69512	5.473	ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	45971	5.026	ug/L	95
47) Tetrachloroethene	7.976	164	54535	5.062	ug/L	99
48) 2-Hexanone	8.140	43	200482	54.612	ug/L	99
49) Dibromochloromethane	8.246	129	51580	5.092	ug/L	97
50) 1,2-Dibromoethane	8.355	107	40154	5.152	ug/L	100
51) Chlorobenzene	8.883	112	187843	5.134	ug/L	99
52) Ethylbenzene	9.011	91	299656	5.334	ug/L	99
53) m,p-Xylene	9.137	106	117257	5.355	ug/L	98
54) o-Xylene	9.545	106	113002	5.327	ug/L	100
55) Styrene	9.561	104	196791	5.524	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	46958	5.061	ug/L	97
59) Bromoform	9.731	173	22640	4.892	ug/L	100
60) Isopropylbenzene	9.931	105	304118	5.413	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	35314	5.164	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	231497	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	237688	5.386	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	146911	5.321	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	145426	5.183	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	128601	5.259	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6038	4.984	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104342	5.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	78387	5.324	ug/L	98
71) Naphthalene	13.500	128	111703	5.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67319	5.461	ug/L	98

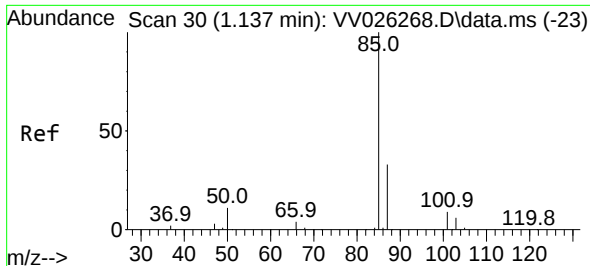
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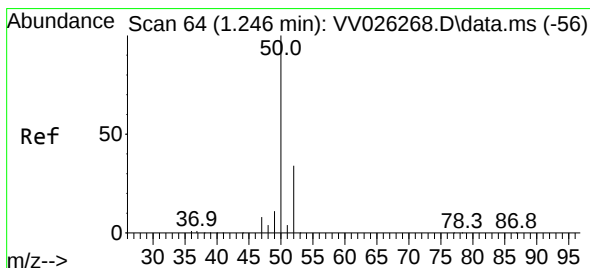
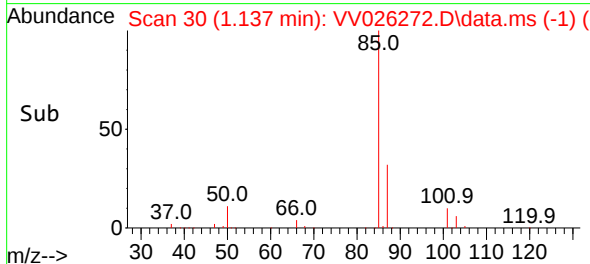
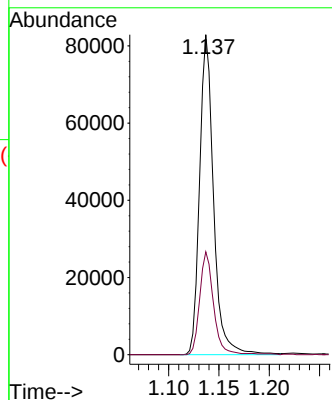
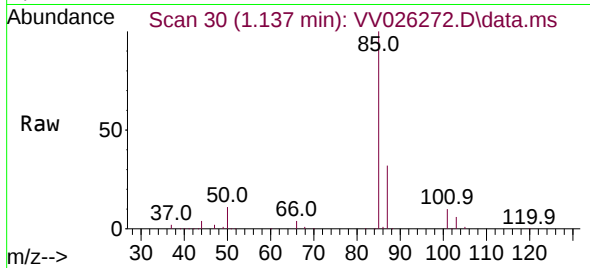




#2
 Dichlorodifluoromethane
 Concen: 4.826 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

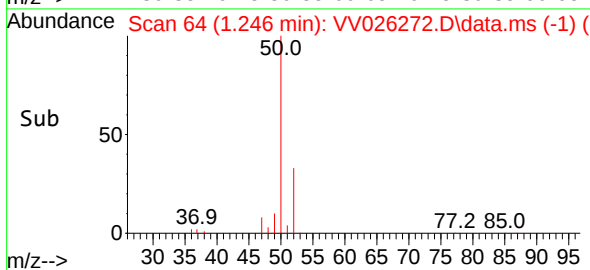
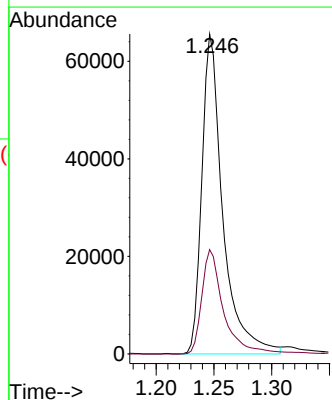
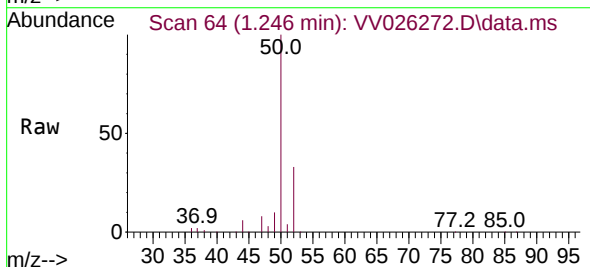
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 ClientSampleId :
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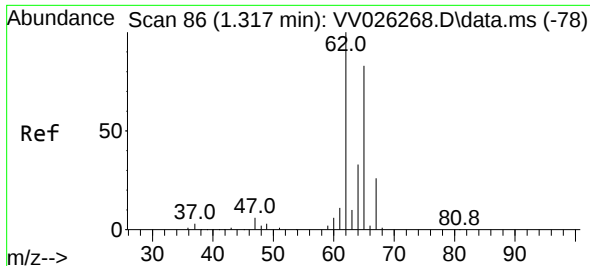
Tgt Ion: 85 Resp: 79903
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.520 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion: 50 Resp: 83097
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 44.1

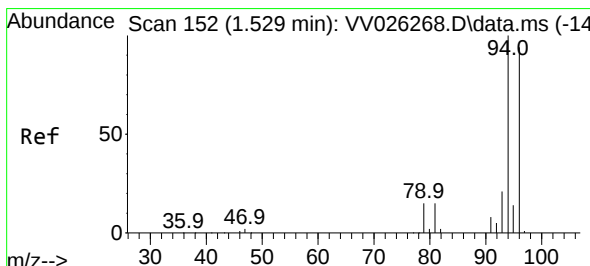
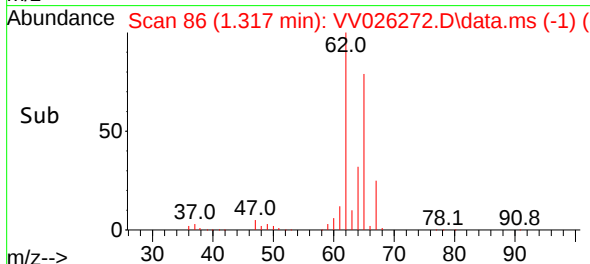
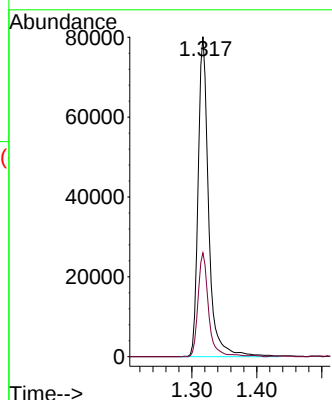
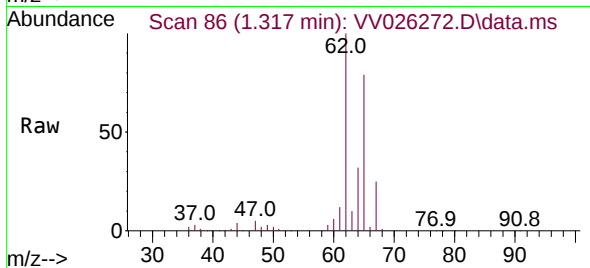




#5
 Vinyl chloride
 Concen: 4.737 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

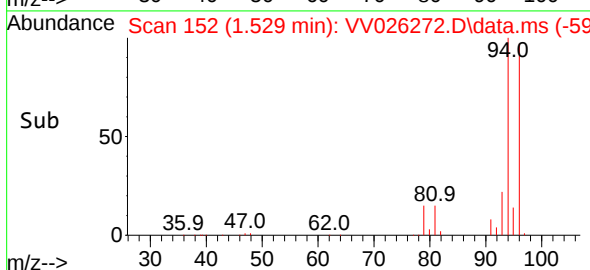
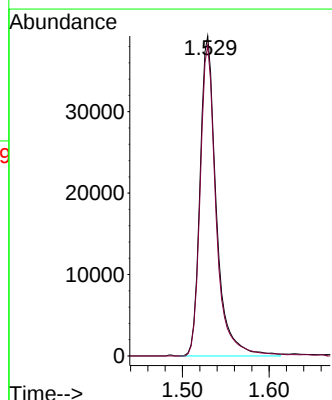
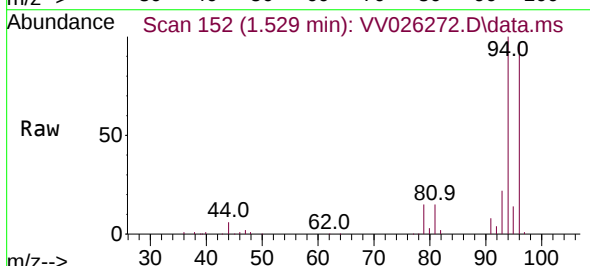
Instrument :
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 ClientSampleId :
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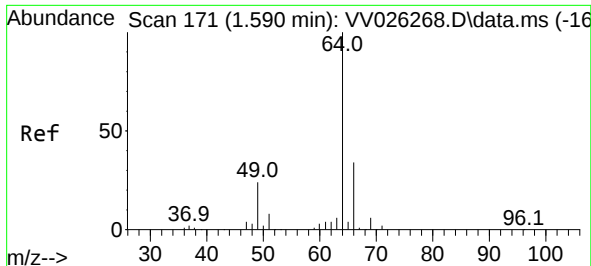
Tgt Ion: 62 Resp: 90542
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.798 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion: 94 Resp: 51248
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.7 121.9

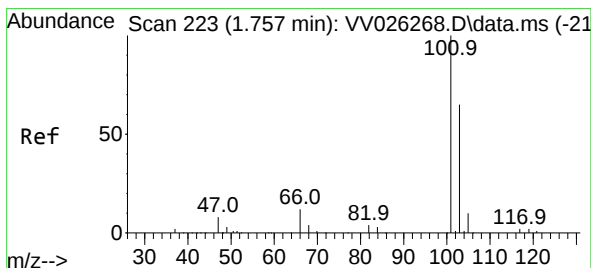
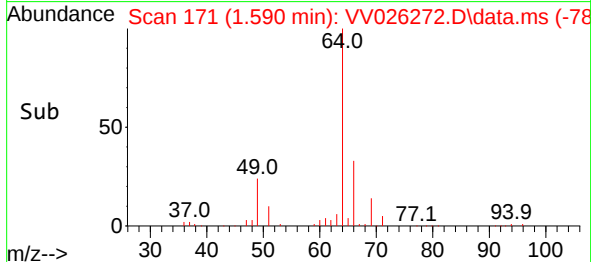
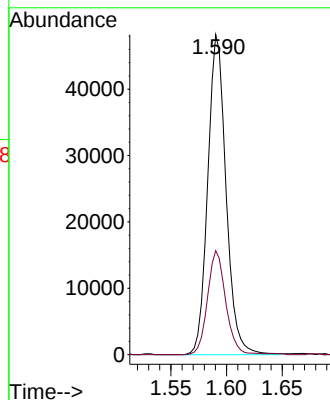
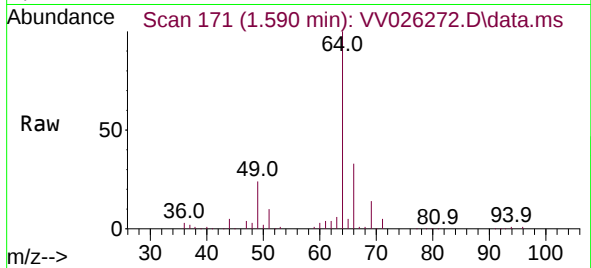




#8
Chloroethane
Concen: 4.643 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

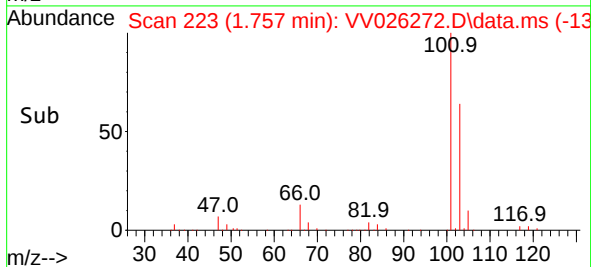
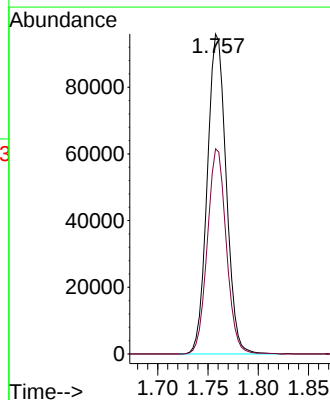
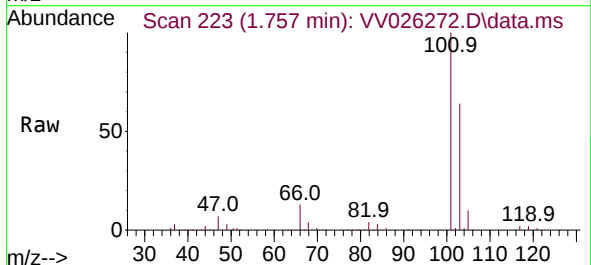
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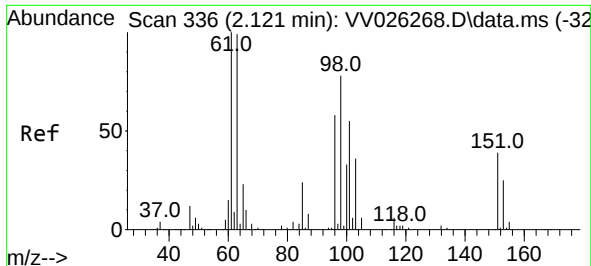
Tgt Ion: 64 Resp: 55093
Ion Ratio Lower Upper
64 100
66 32.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.764 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion:101 Resp: 125683
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

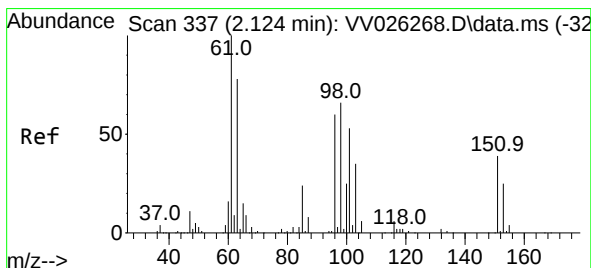
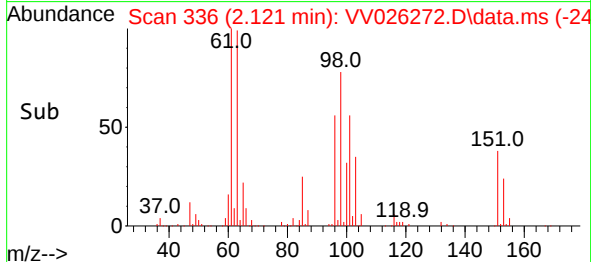
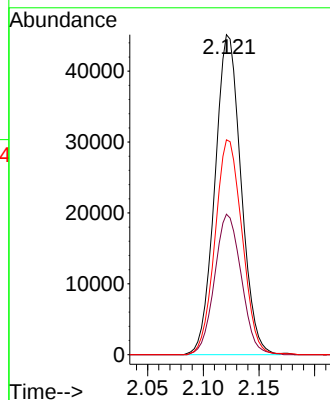
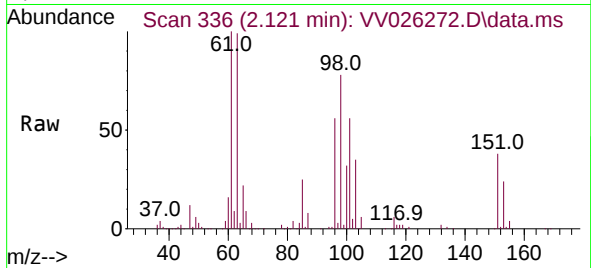




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.825 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

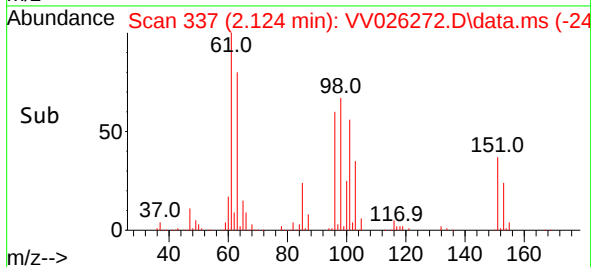
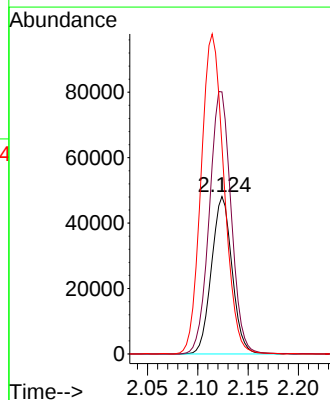
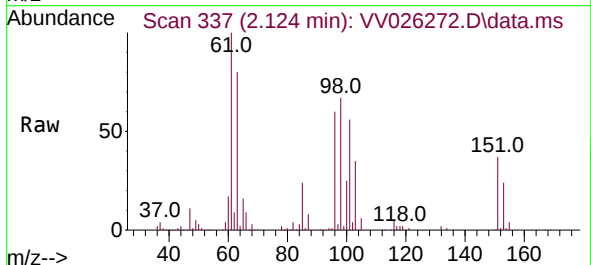
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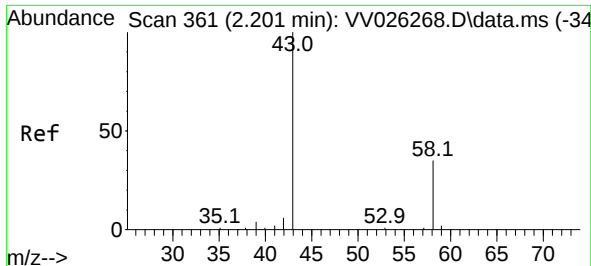
Tgt Ion:101 Resp: 73824
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.3 52.9
 151 69.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.890 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion: 96 Resp: 68399
 Ion Ratio Lower Upper
 96 100
 61 166.4 117.1 217.5
 63 132.3 92.8 172.4





#13

Acetone

Concen: 42.506 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

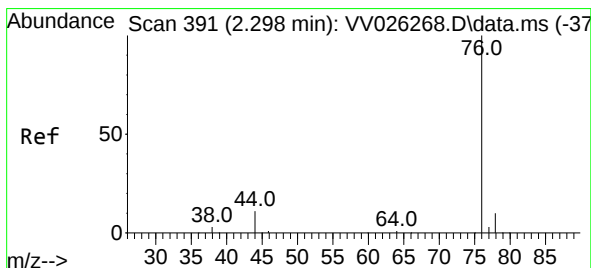
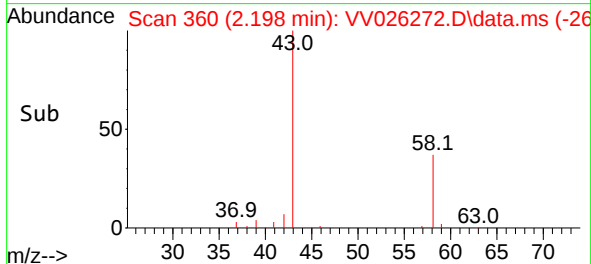
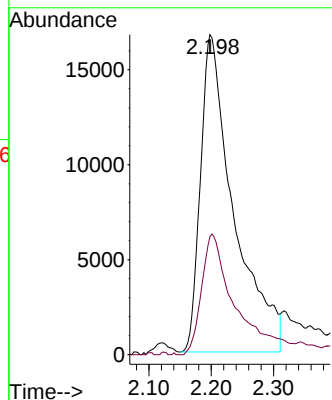
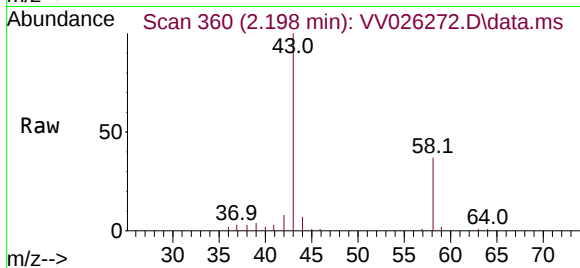
VSTD005316

Tgt Ion: 43 Resp: 61816

Ion Ratio Lower Upper

43 100

58 38.8 0.0 60.0



#14

Carbon disulfide

Concen: 4.908 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

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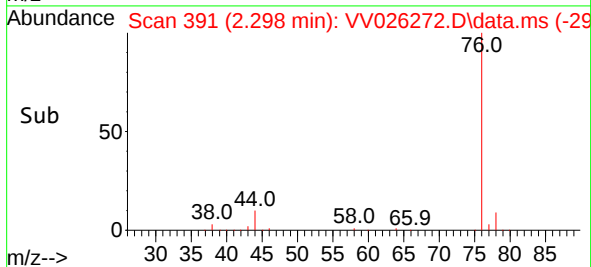
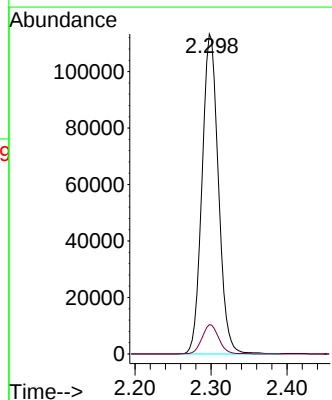
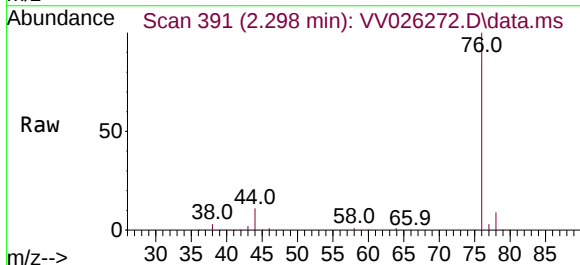
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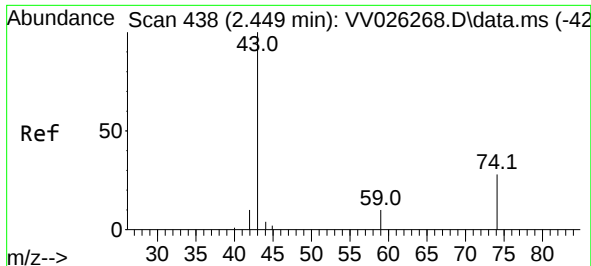
Tgt Ion: 76 Resp: 169291

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5





#15

Methyl Acetate

Concen: 5.429 ug/L

RT: 2.452 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

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MSVOA_V

ClientSampleId :

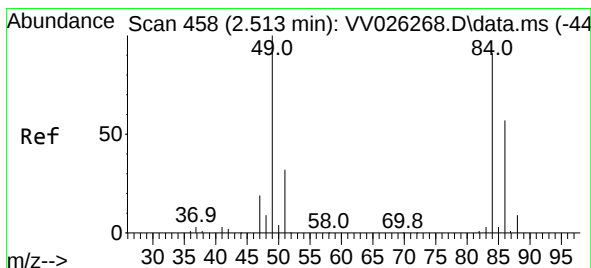
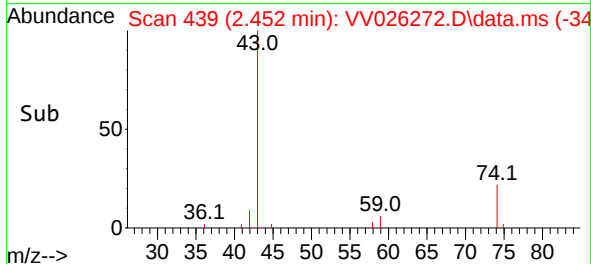
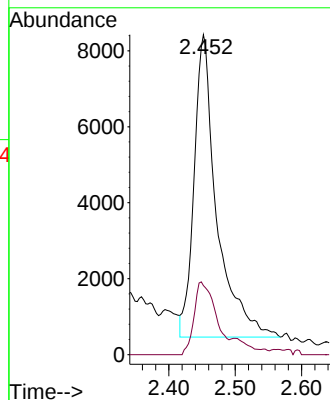
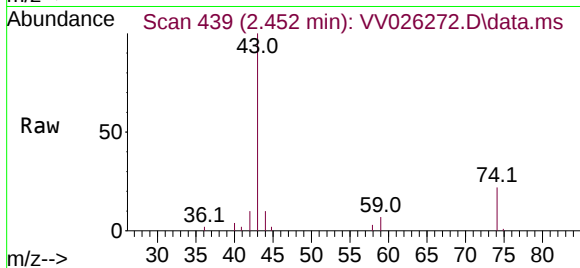
VSTD005316

Tgt Ion: 43 Resp: 18943

Ion Ratio Lower Upper

43 100

74 22.8 21.4 32.0



#16

Methylene chloride

Concen: 3.939 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

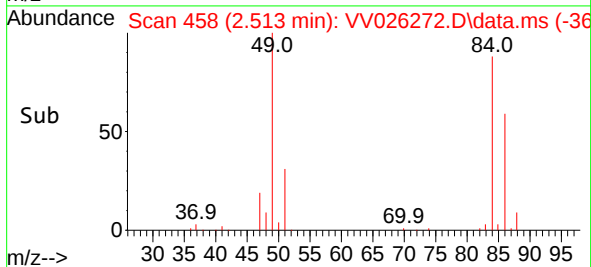
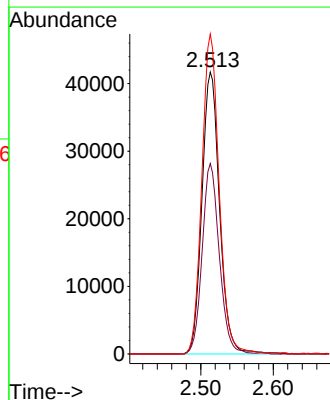
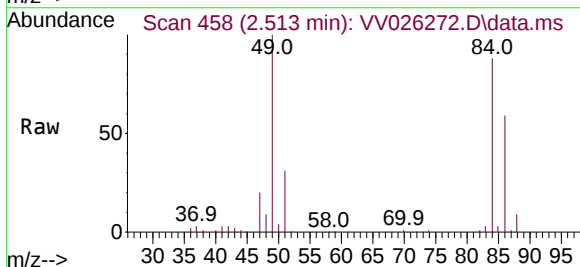
Tgt Ion: 84 Resp: 70305

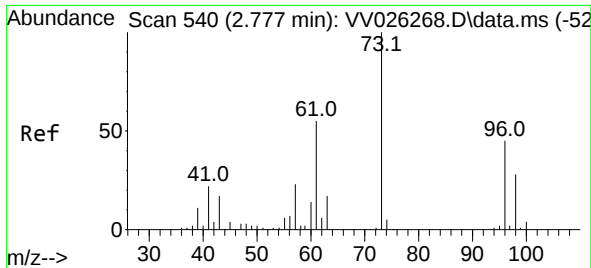
Ion Ratio Lower Upper

84 100

86 67.5 44.0 81.8

49 113.5 77.3 143.7

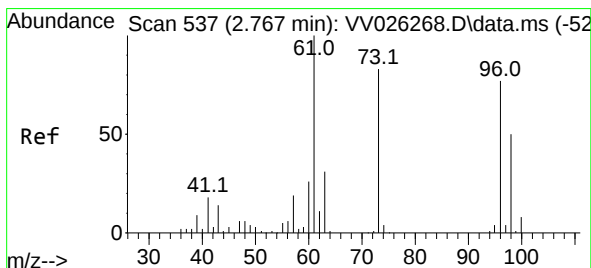
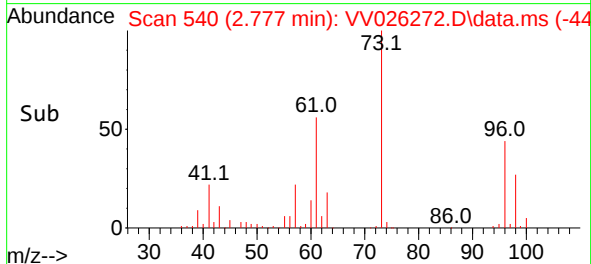
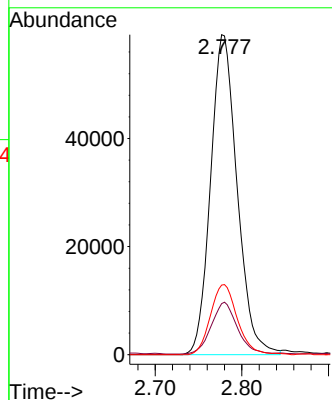
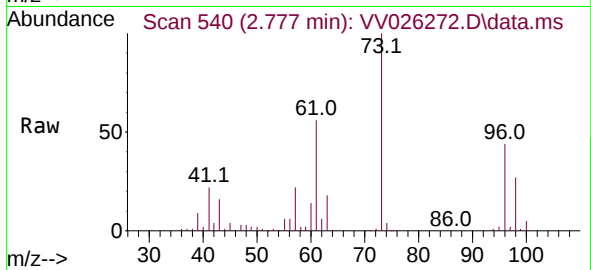




#17
Methyl tert-butyl Ether
Concen: 5.244 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

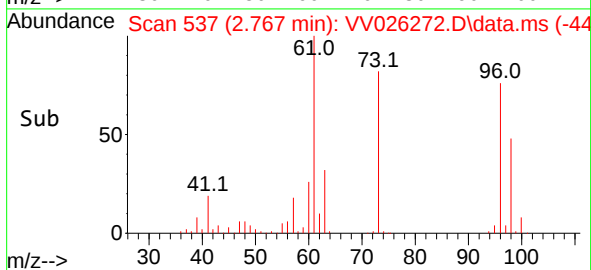
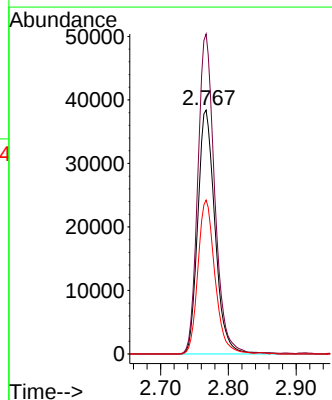
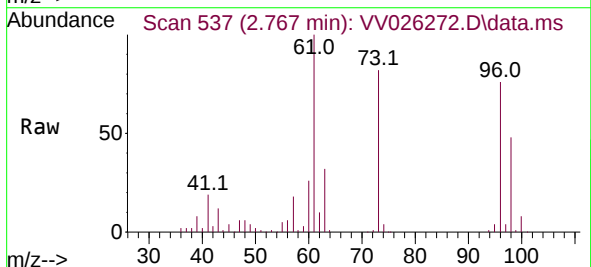
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

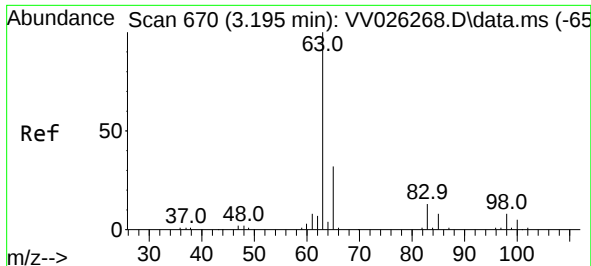
Tgt Ion: 73 Resp: 126125
Ion Ratio Lower Upper
73 100
43 15.9 13.0 19.6
57 22.2 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.994 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 96 Resp: 67750
Ion Ratio Lower Upper
96 100
61 131.2 91.3 169.6
98 63.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.898 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

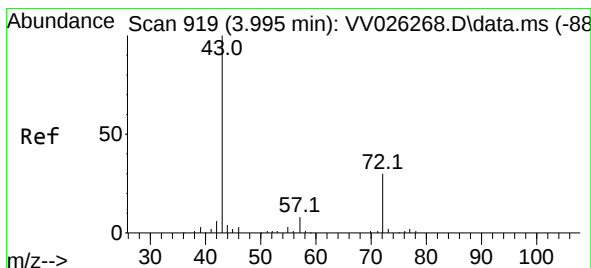
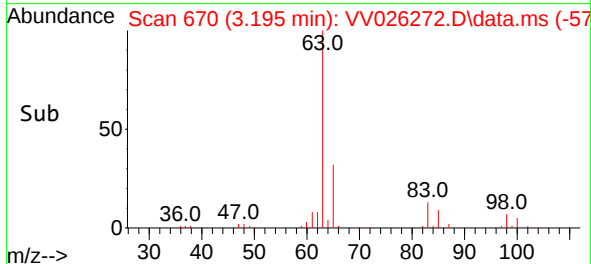
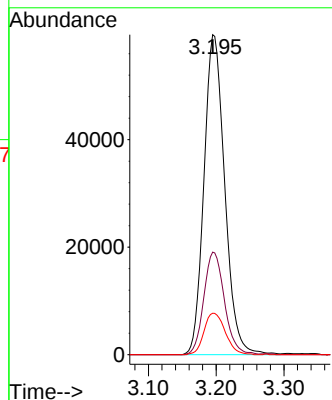
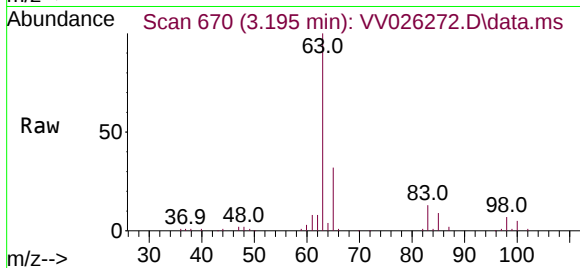
Tgt Ion: 63 Resp: 126717

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.0 8.9 16.5



#21

2-Butanone

Concen: 51.130 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.000 min

Lab File: VV026272.D

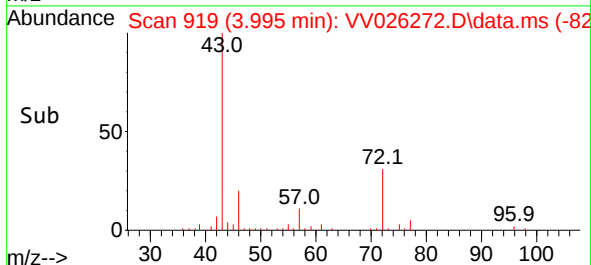
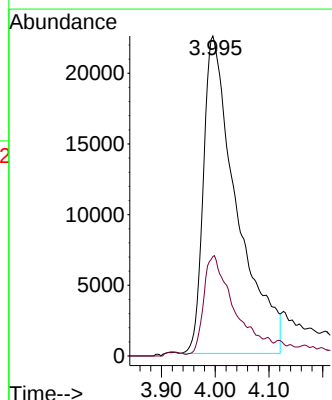
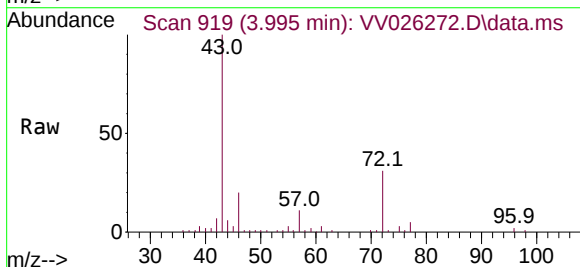
Acq: 15 Jun 2022 12:34

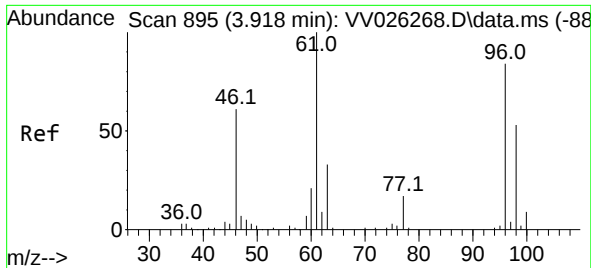
Tgt Ion: 43 Resp: 96214

Ion Ratio Lower Upper

43 100

72 27.8 12.7 38.0

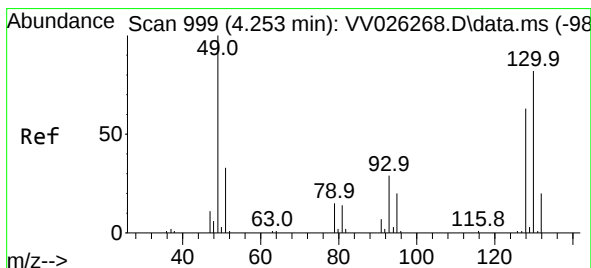
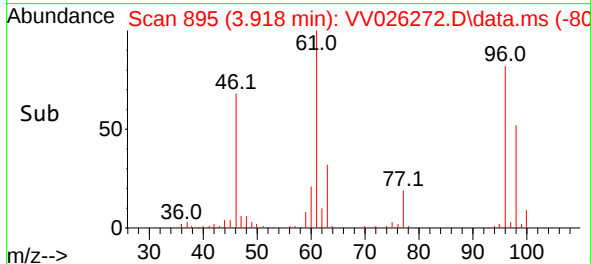
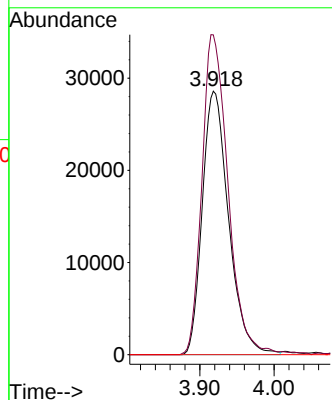
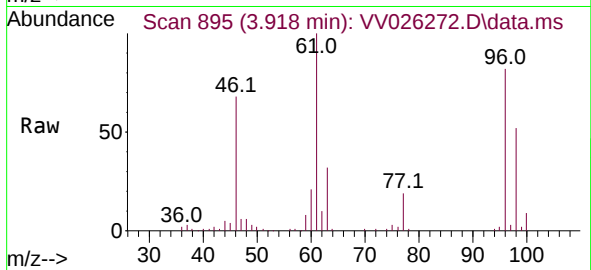




#22
 cis-1,2-Dichloroethene
 Concen: 5.138 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

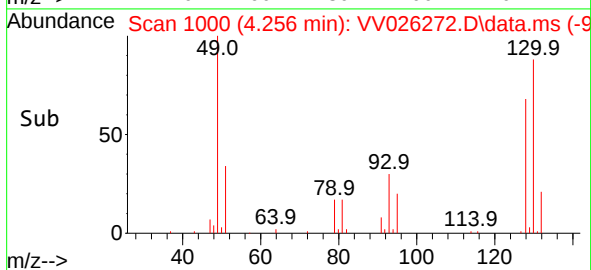
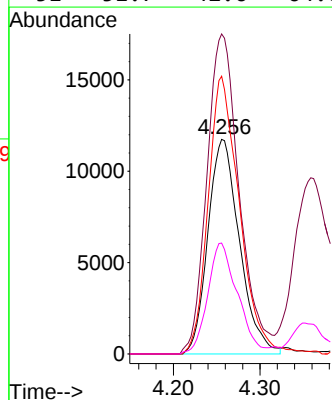
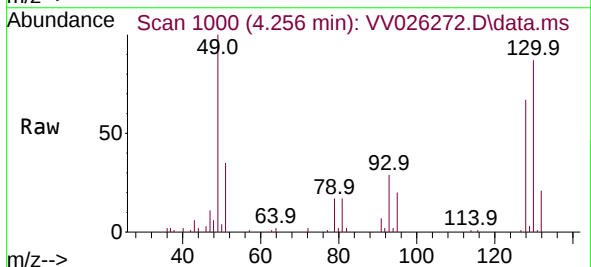
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

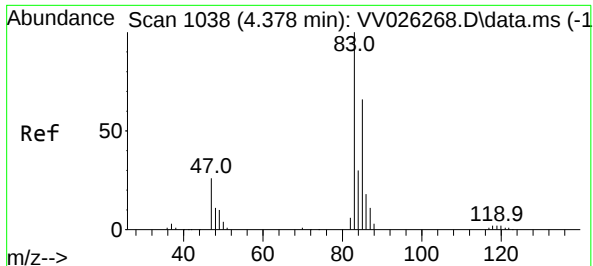
Tgt Ion: 96 Resp: 70525
 Ion Ratio Lower Upper
 96 100
 61 121.3 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.102 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.003 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion: 128 Resp: 29716
 Ion Ratio Lower Upper
 128 100
 49 149.1 111.6 207.2
 130 129.4 91.1 169.1
 51 51.7 42.6 64.0

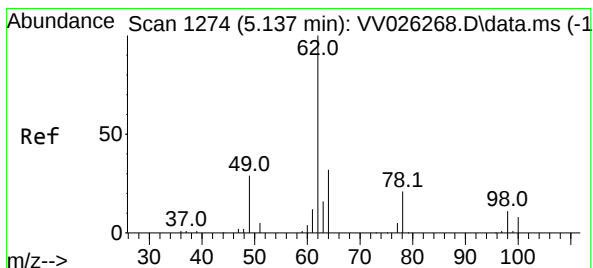
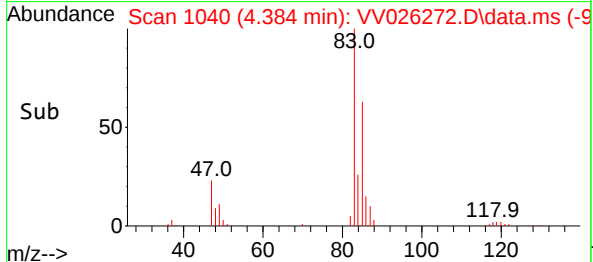
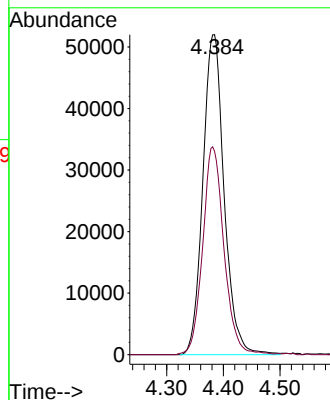
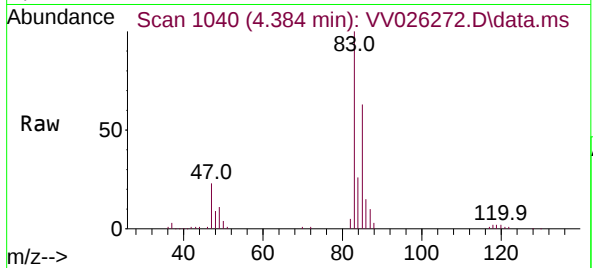




#25
Chloroform
Concen: 4.834 ug/L
RT: 4.384 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

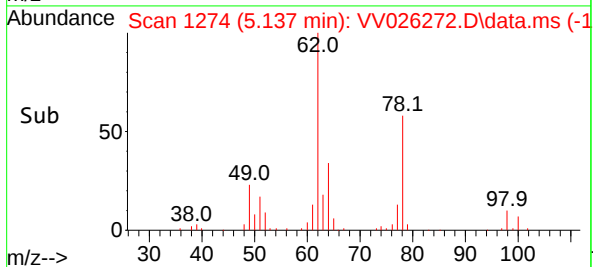
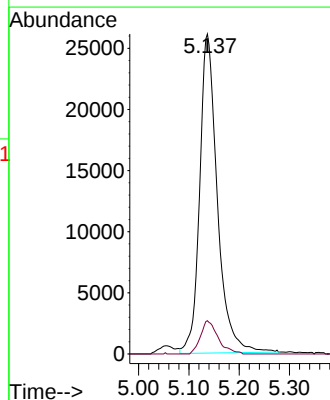
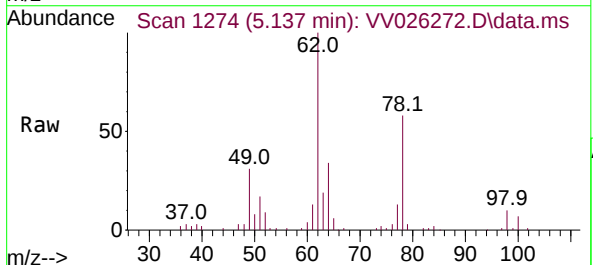
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

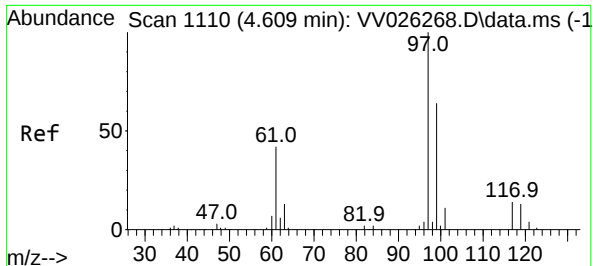
Tgt Ion: 83 Resp: 135686
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.005 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 62 Resp: 63940
Ion Ratio Lower Upper
62 100
98 10.4 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 4.985 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

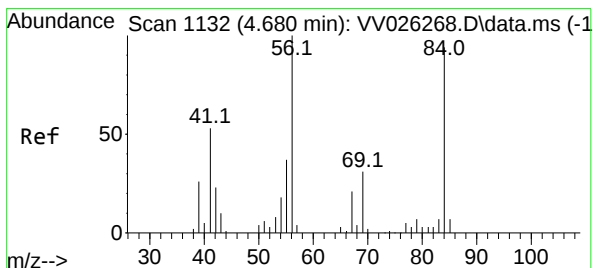
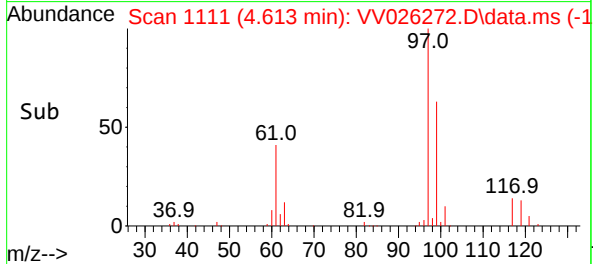
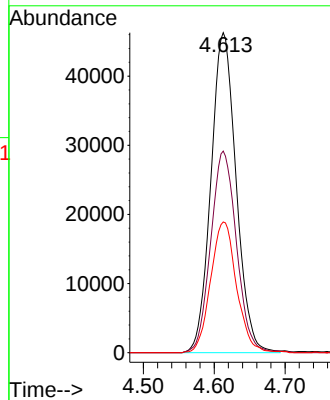
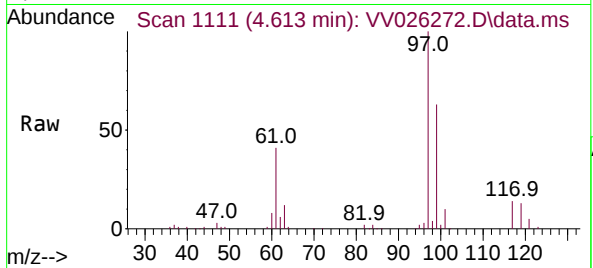
Tgt Ion: 97 Resp: 114453

Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 41.9 33.4 50.0



#30

Cyclohexane

Concen: 5.276 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

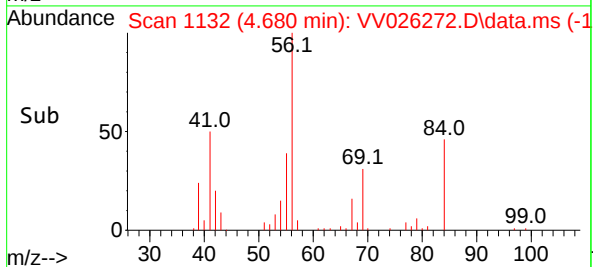
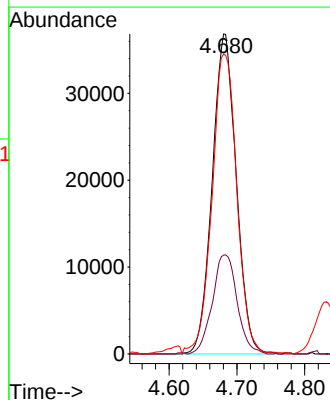
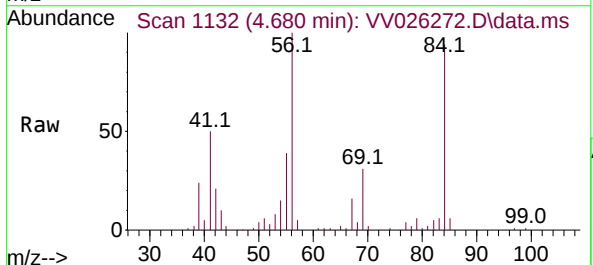
Tgt Ion: 56 Resp: 90608

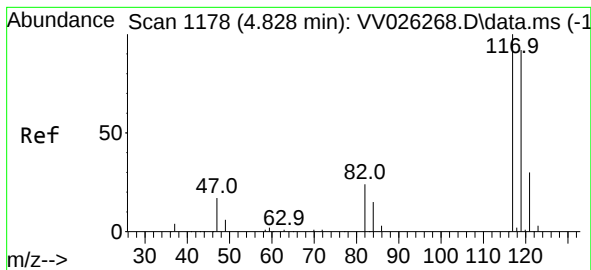
Ion Ratio Lower Upper

56 100

69 32.0 24.9 37.3

84 96.9 76.4 114.6





#31

Carbon tetrachloride

Concen: 4.917 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

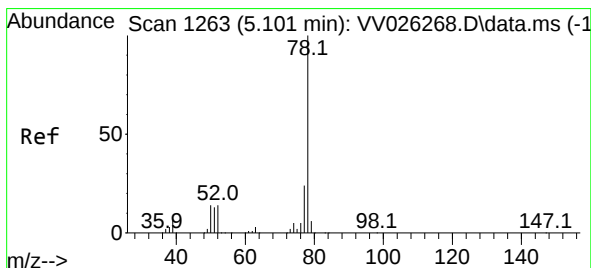
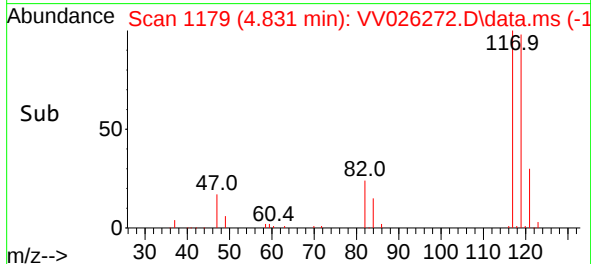
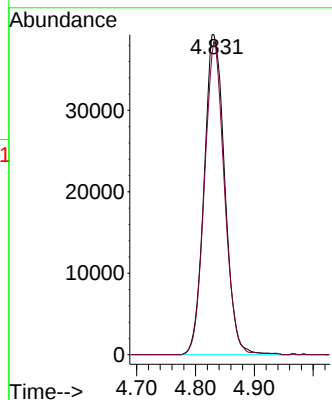
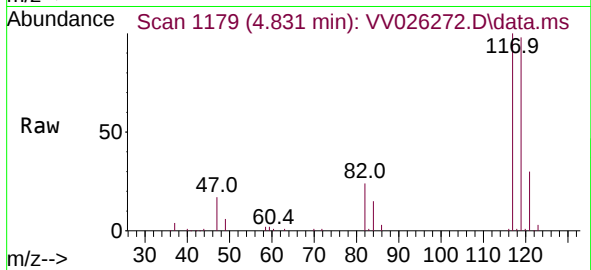
VSTD005316

Tgt Ion:117 Resp: 95619

Ion Ratio Lower Upper

117 100

119 94.7 76.2 114.4



#33

Benzene

Concen: 5.233 ug/L

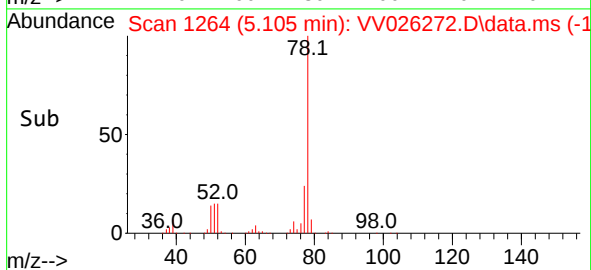
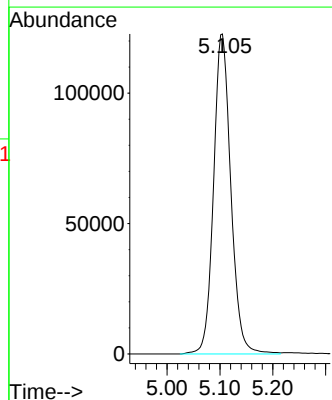
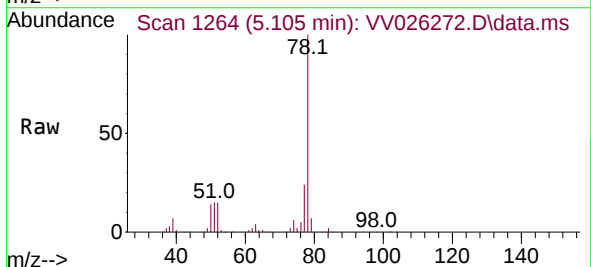
RT: 5.105 min Scan# 1264

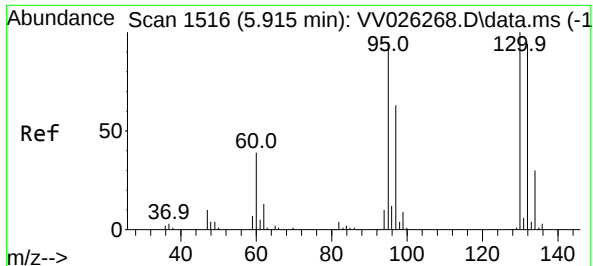
Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Tgt Ion: 78 Resp: 278814





#34

Trichloroethene

Concen: 4.896 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

Tgt Ion: 95 Resp: 71212

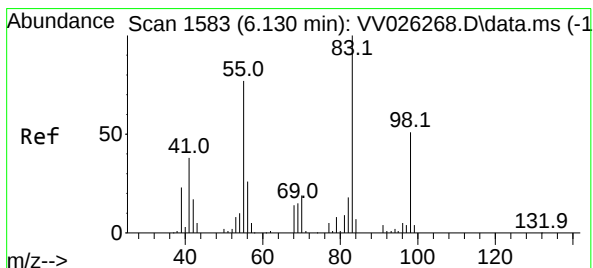
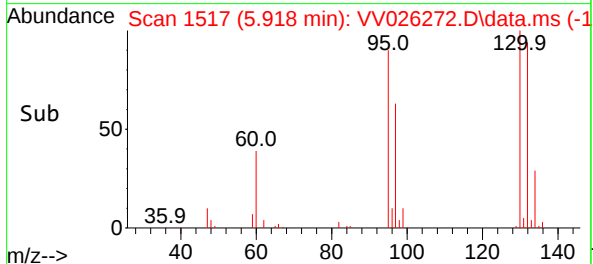
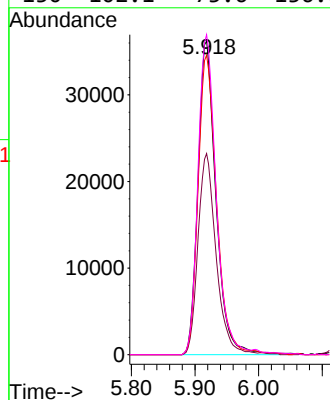
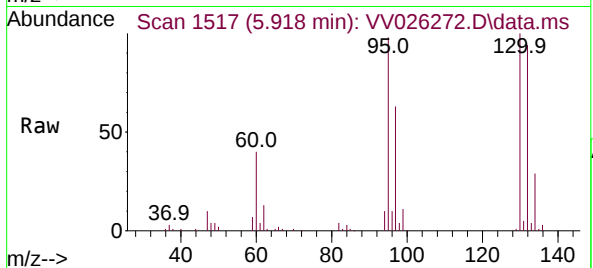
Ion Ratio Lower Upper

95 100

97 64.2 46.5 86.3

132 95.5 68.8 127.8

130 102.1 73.6 136.6



#35

Methylcyclohexane

Concen: 5.213 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

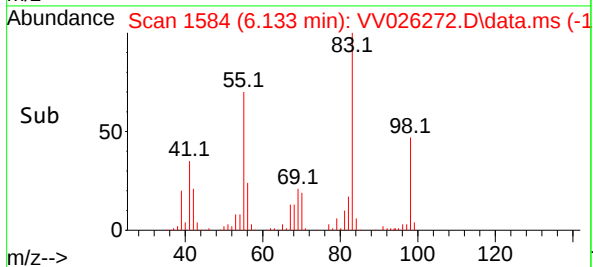
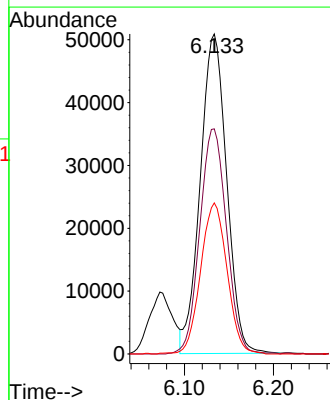
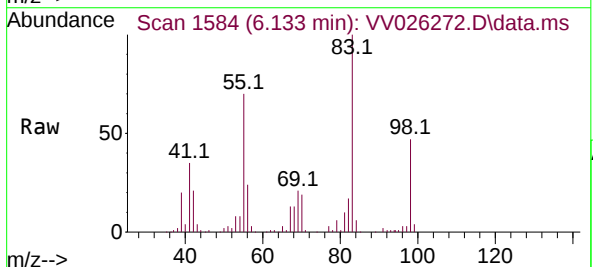
Tgt Ion: 83 Resp: 104895

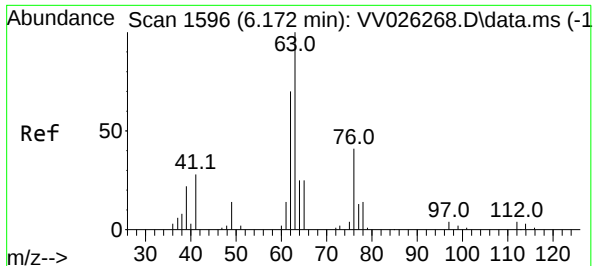
Ion Ratio Lower Upper

83 100

55 71.3 59.3 88.9

98 47.3 39.9 59.9





#37

1,2-Dichloropropane

Concen: 4.714 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

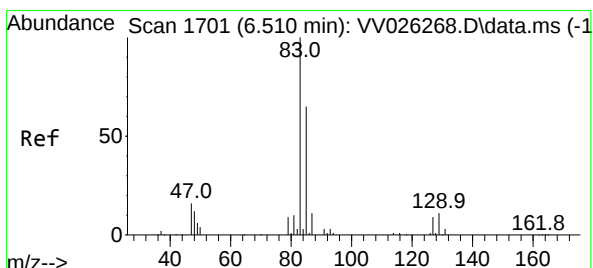
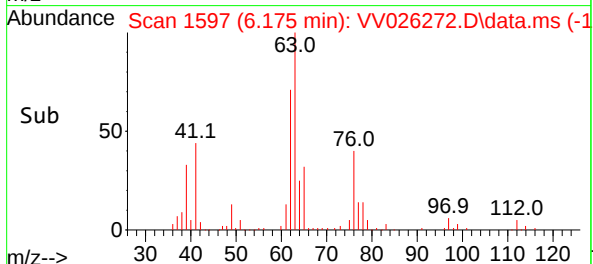
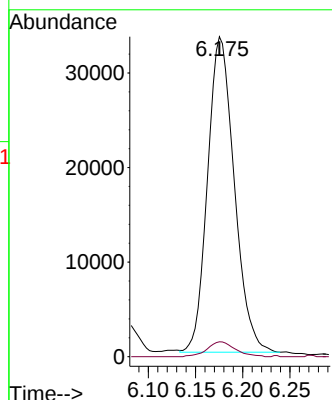
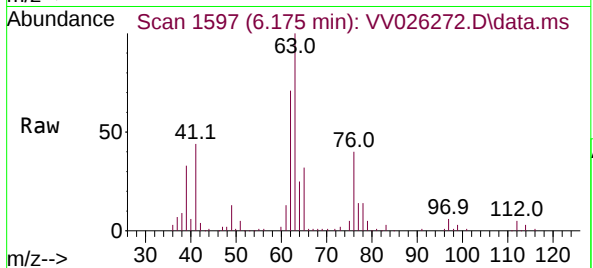
VSTD005316

Tgt Ion: 63 Resp: 65691

Ion Ratio Lower Upper

63 100

112 5.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 4.928 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

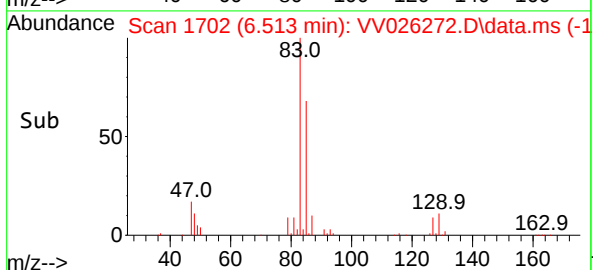
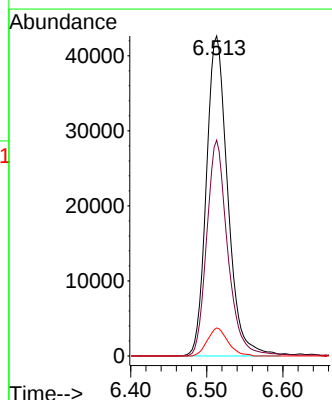
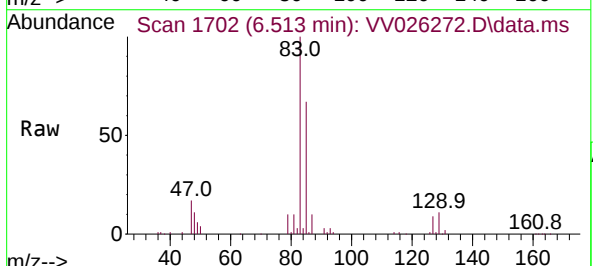
Tgt Ion: 83 Resp: 83289

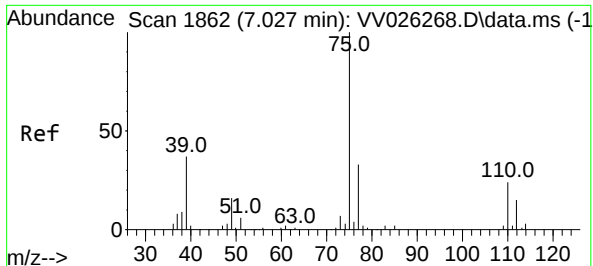
Ion Ratio Lower Upper

83 100

85 67.5 45.6 84.6

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

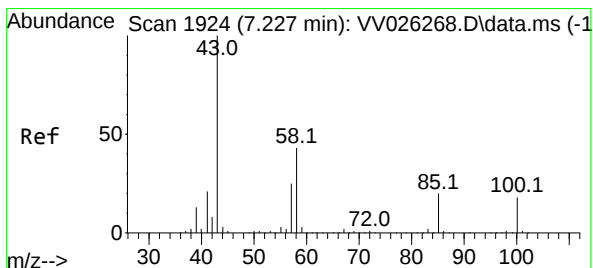
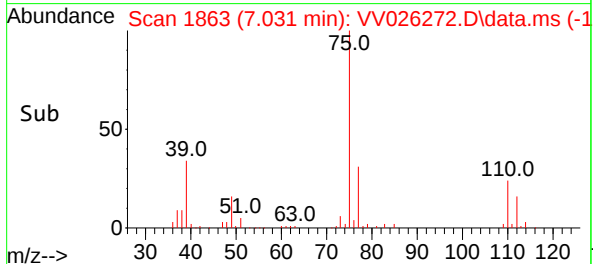
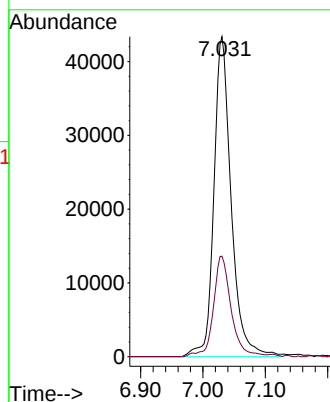
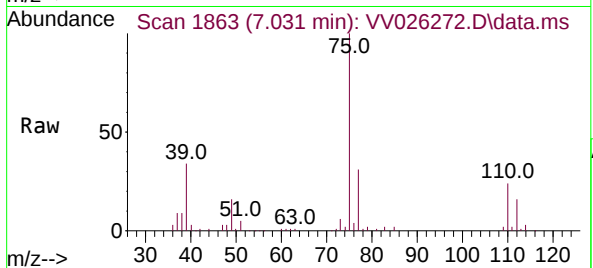
VSTD005316

Tgt Ion: 75 Resp: 83617

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 56.231 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

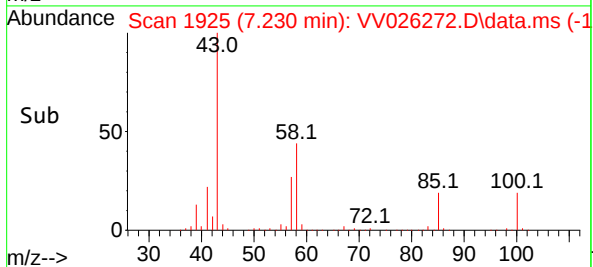
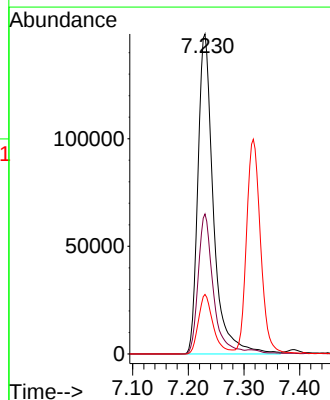
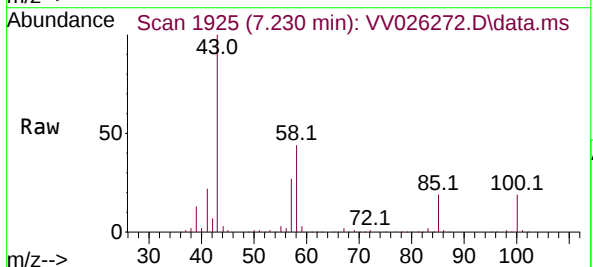
Tgt Ion: 43 Resp: 288119

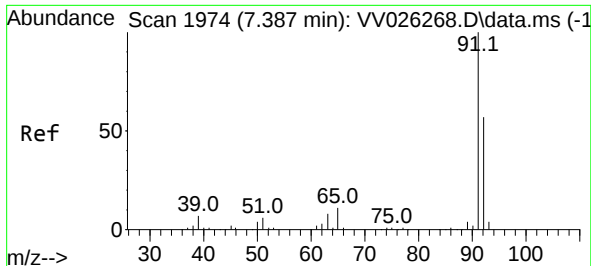
Ion Ratio Lower Upper

43 100

58 42.3 33.3 49.9

100 17.8 13.4 20.2





#42

Toluene

Concen: 5.376 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

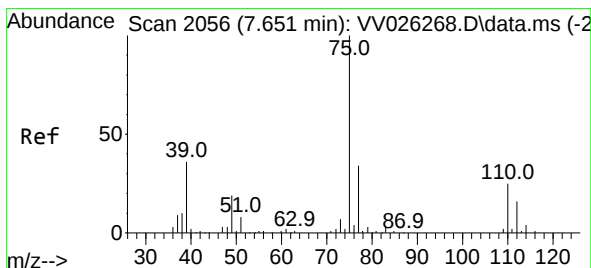
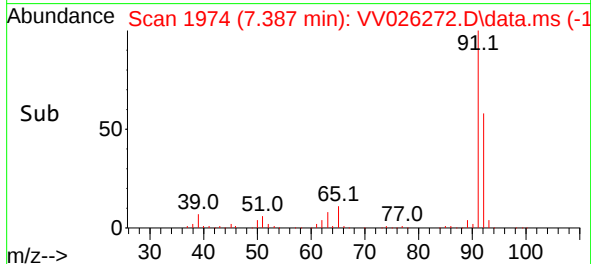
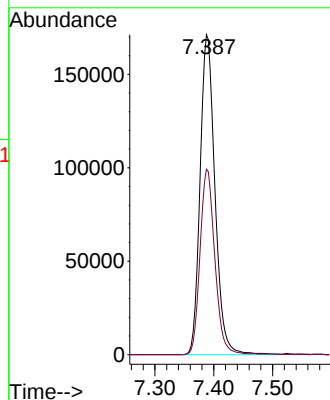
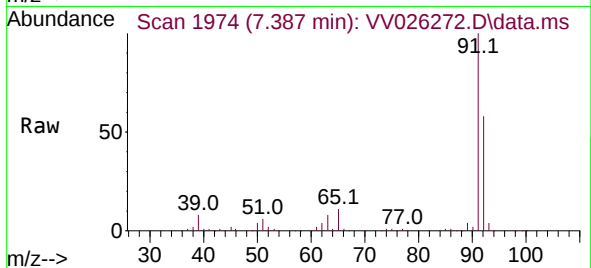
VSTD005316

Tgt Ion: 91 Resp: 301235

Ion Ratio Lower Upper

91 100

92 57.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 5.473 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026272.D

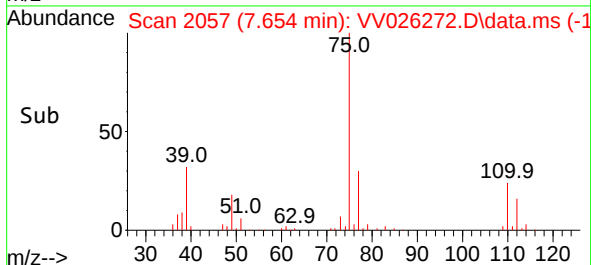
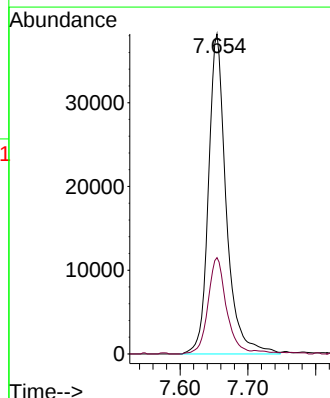
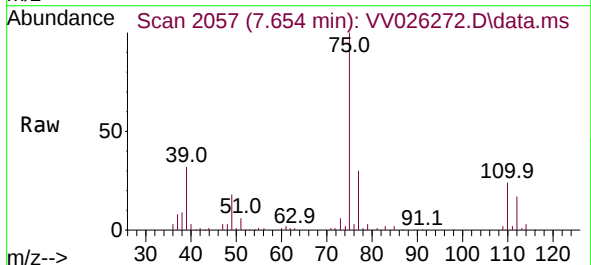
Acq: 15 Jun 2022 12:34

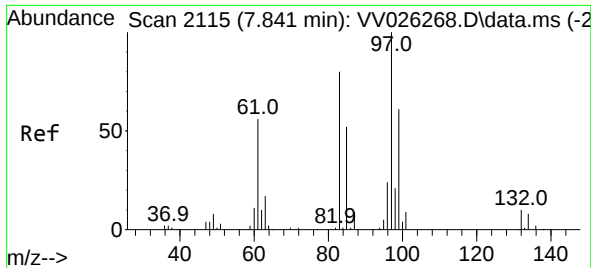
Tgt Ion: 75 Resp: 69512

Ion Ratio Lower Upper

75 100

77 30.1 23.7 43.9

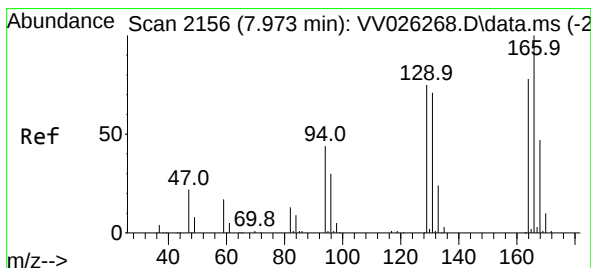
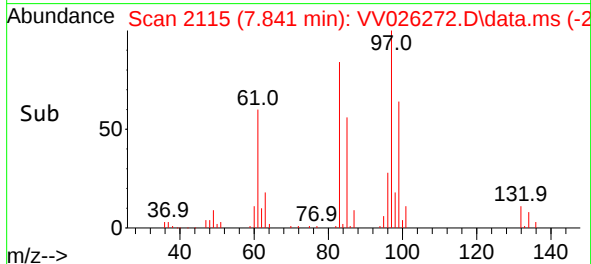
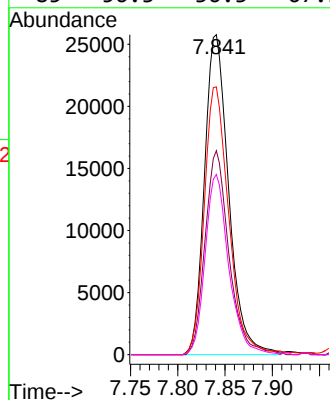
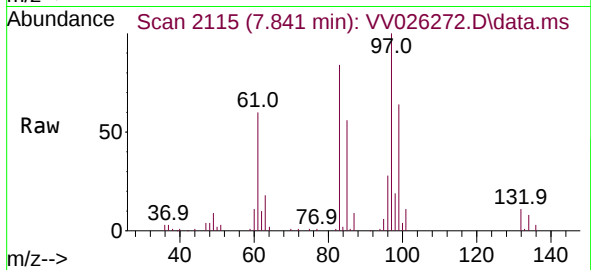




#45
1,1,2-Trichloroethane
Concen: 5.026 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

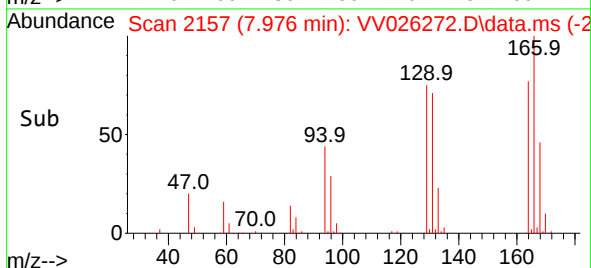
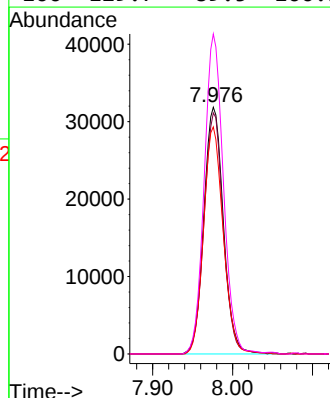
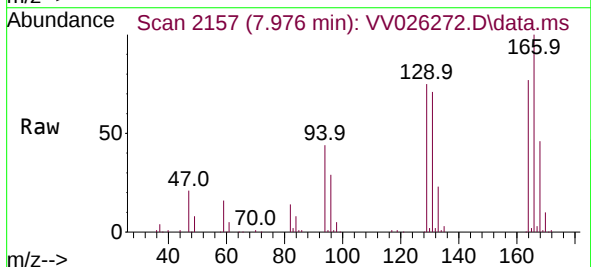
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

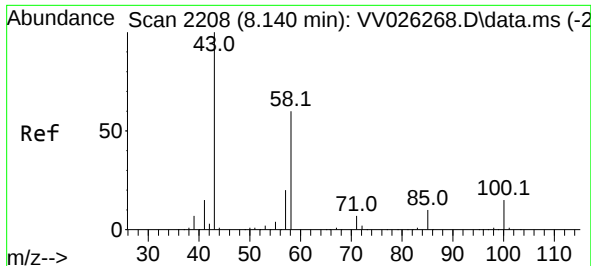
Tgt Ion:	97	Resp:	45971
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.4	78.6
83	83.7	56.1	104.1
85	56.3	36.3	67.5



#47
Tetrachloroethene
Concen: 5.062 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion:	164	Resp:	54535
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.5	125.3
131	92.0	63.8	118.4
166	129.7	89.5	166.3

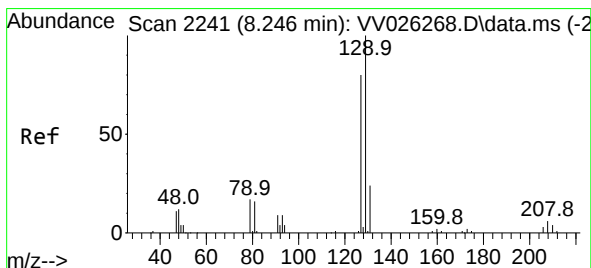
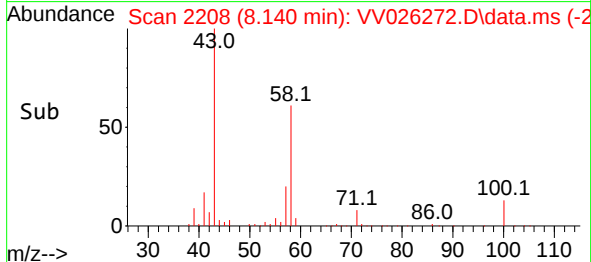
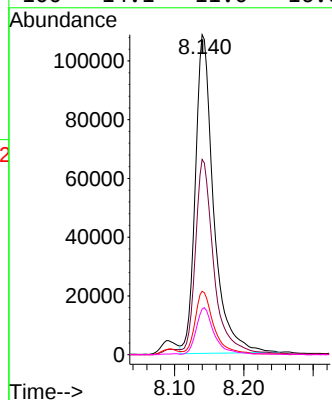
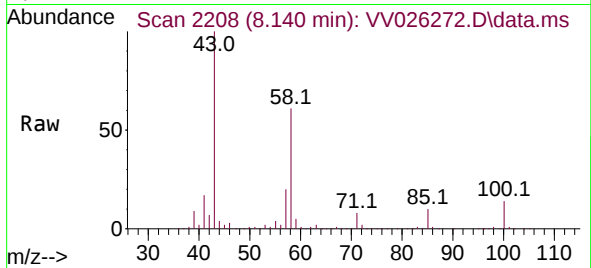




#48
2-Hexanone
Concen: 54.612 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

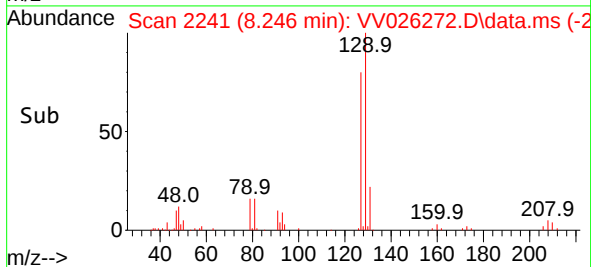
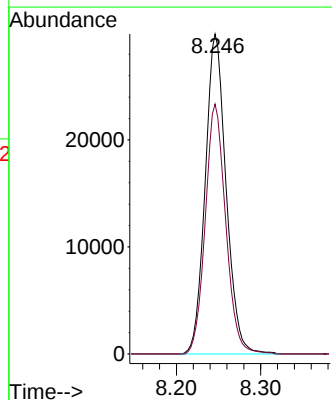
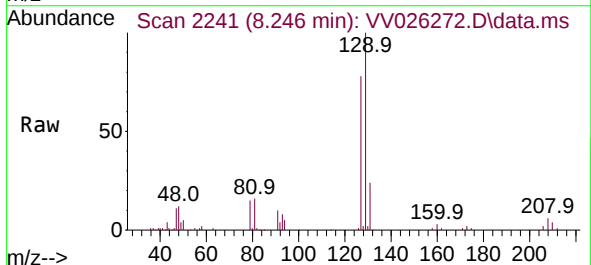
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

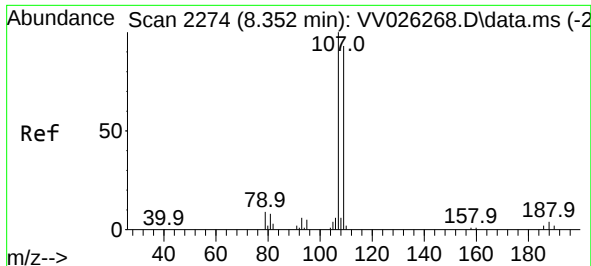
Tgt Ion: 43 Resp: 200482
Ion Ratio Lower Upper
43 100
58 61.5 48.7 73.1
57 20.1 16.0 24.0
100 14.1 11.0 16.6



#49
Dibromochloromethane
Concen: 5.092 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 129 Resp: 51580
Ion Ratio Lower Upper
129 100
127 78.1 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.152 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

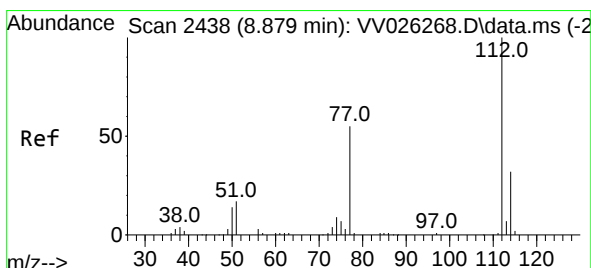
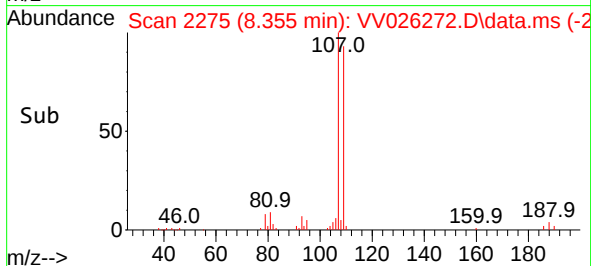
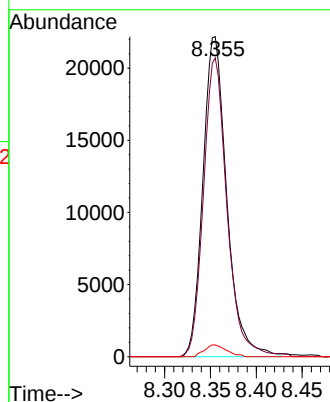
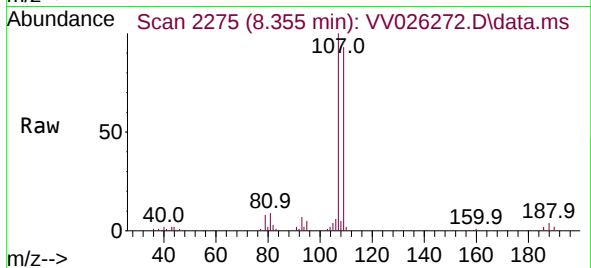
Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

Tgt Ion:107	Resp:	40154
Ion	Ratio	Lower Upper
107	100	
109	93.4	65.2 121.2
188	3.7	2.9 4.3



#51

Chlorobenzene

Concen: 5.134 ug/L

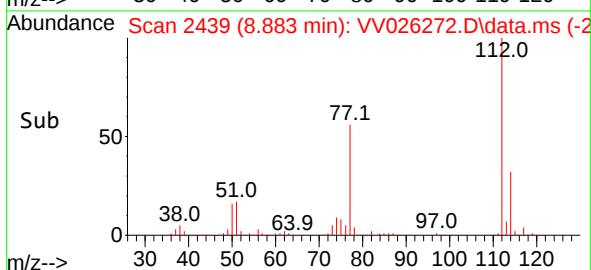
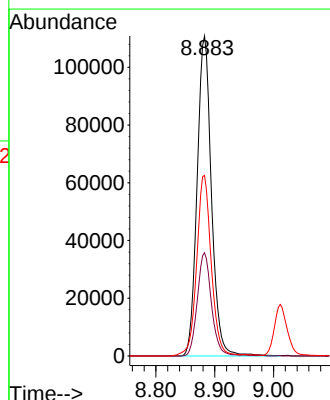
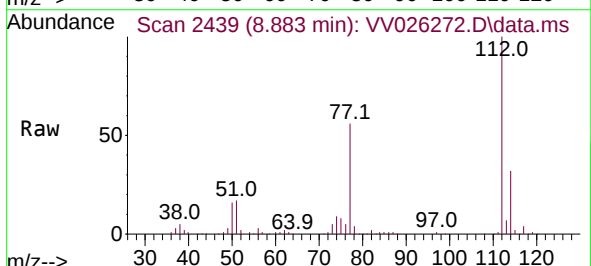
RT: 8.883 min Scan# 2439

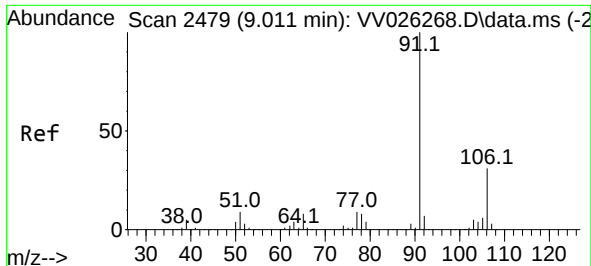
Delta R.T. 0.003 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Tgt Ion:112	Resp:	187843
Ion	Ratio	Lower Upper
112	100	
114	32.3	22.7 42.3
77	56.5	44.5 66.7

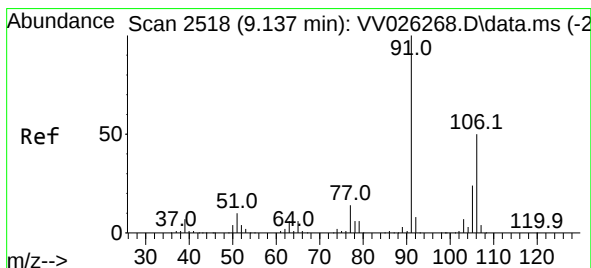
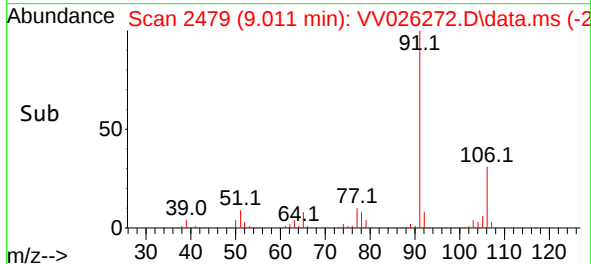
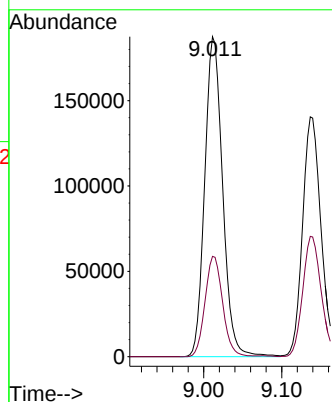
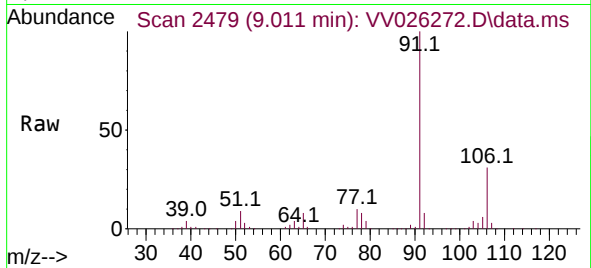




#52
Ethylbenzene
Concen: 5.334 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

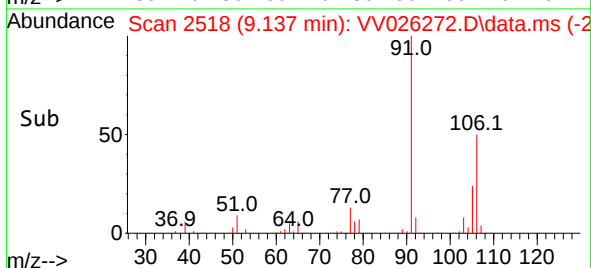
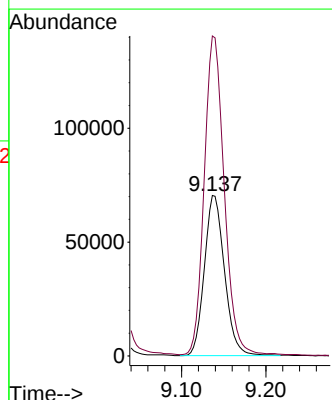
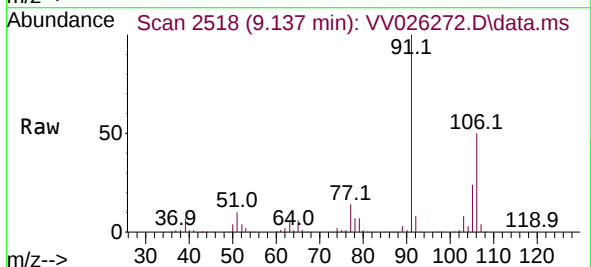
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

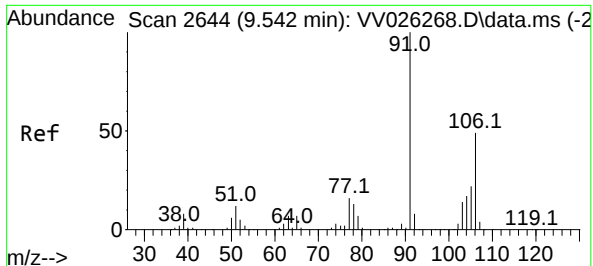
Tgt Ion: 91 Resp: 299656
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.0



#53
m,p-Xylene
Concen: 5.355 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 106 Resp: 117257
Ion Ratio Lower Upper
106 100
91 199.5 141.3 262.3

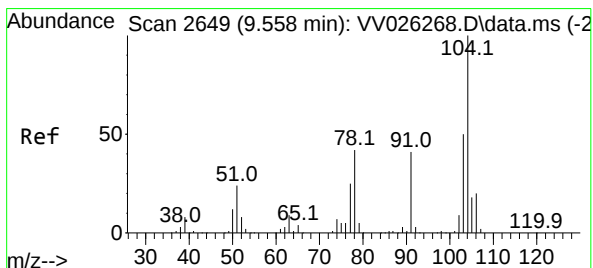
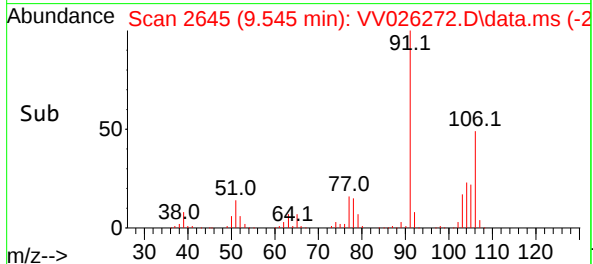
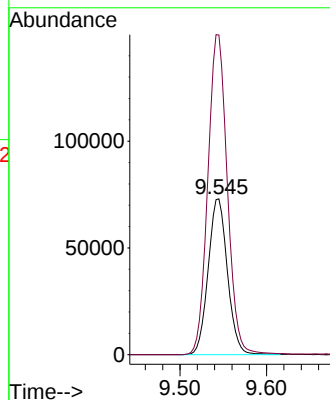
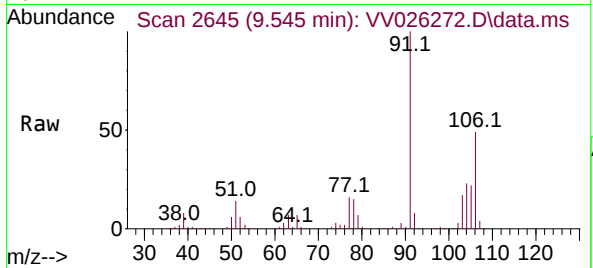




#54
o-Xylene
Concen: 5.327 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

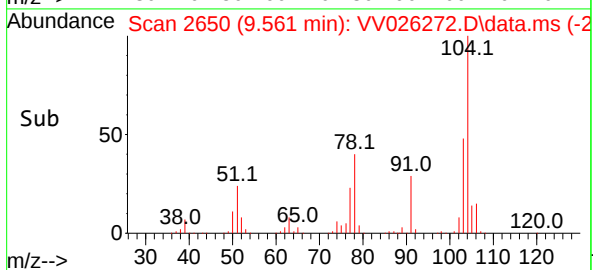
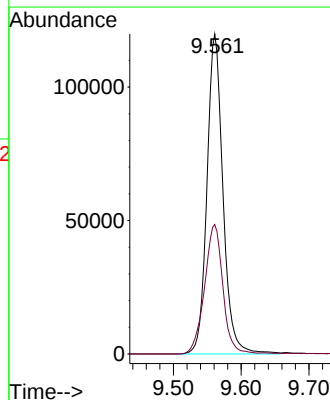
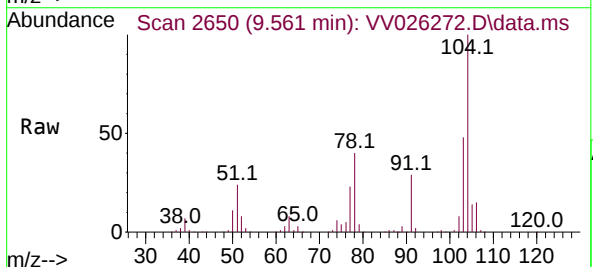
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

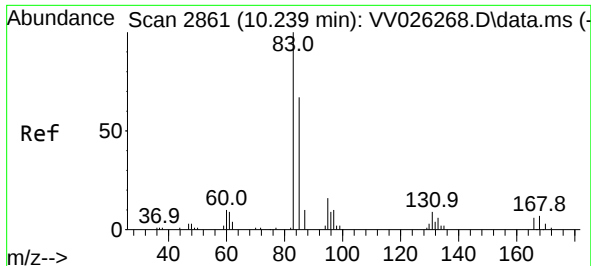
Tgt Ion:106 Resp: 113002
Ion Ratio Lower Upper
106 100
91 205.1 143.3 266.1



#55
Styrene
Concen: 5.524 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion:104 Resp: 196791
Ion Ratio Lower Upper
104 100
78 40.4 29.5 54.7

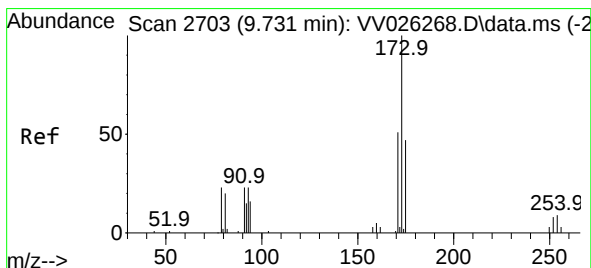
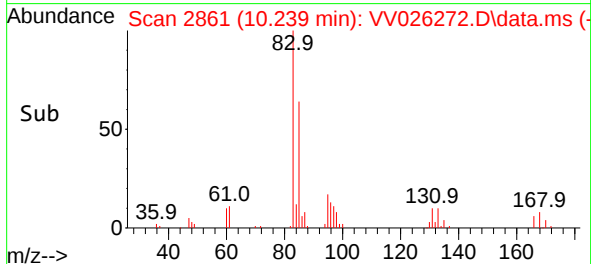
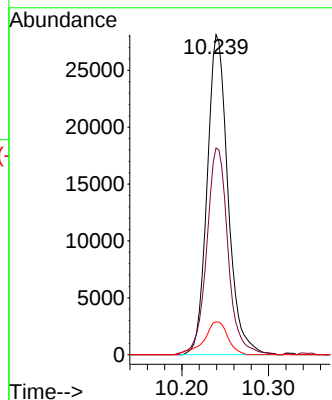
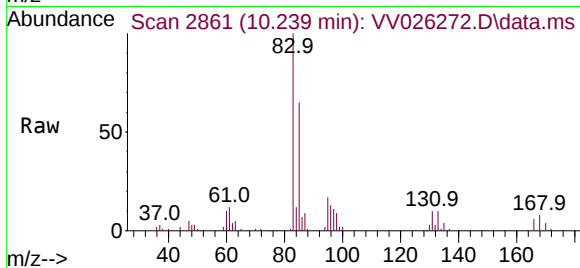




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.061 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

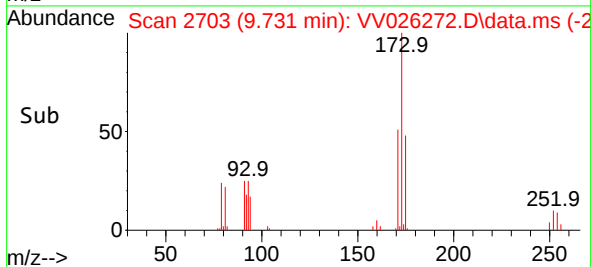
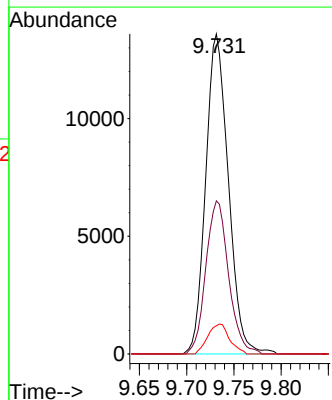
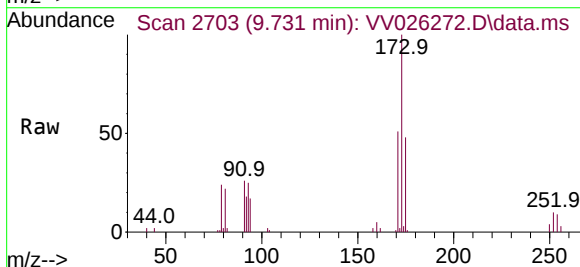
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

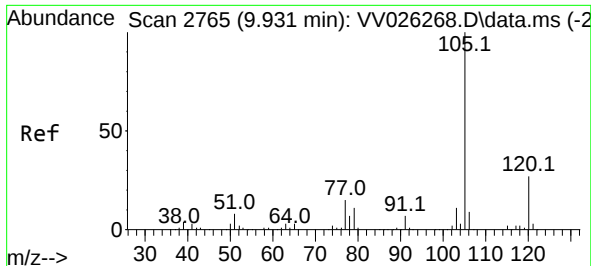
Tgt Ion: 83 Resp: 46958
 Ion Ratio Lower Upper
 83 100
 85 64.6 47.1 87.5
 131 10.2 7.7 11.5



#59
 Bromoform
 Concen: 4.892 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion: 173 Resp: 22640
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.3 57.5
 254 8.9 6.9 10.3

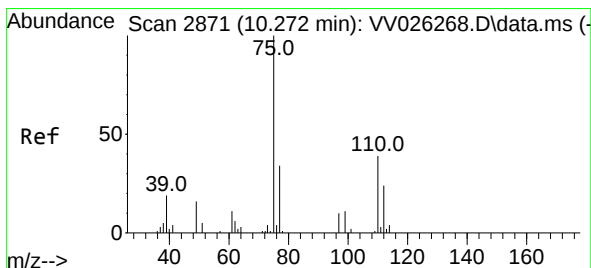
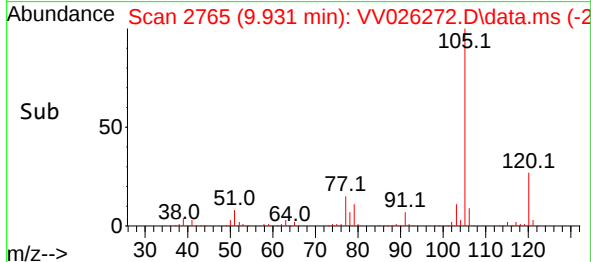
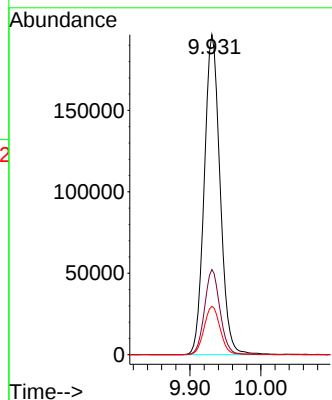
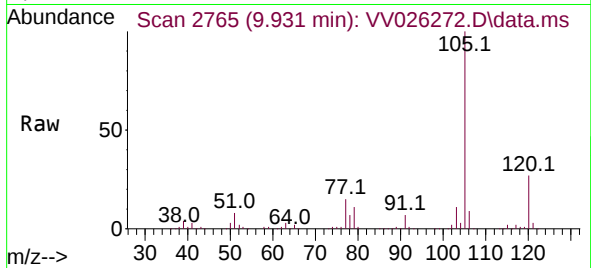




#60
Isopropylbenzene
Concen: 5.413 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

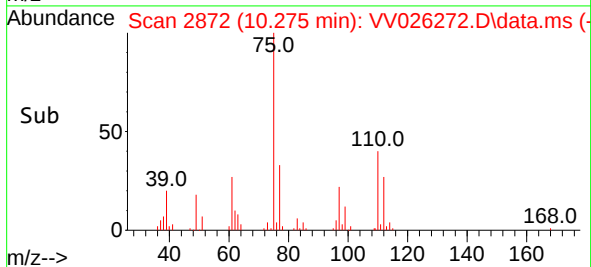
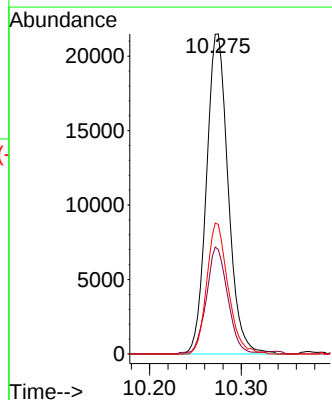
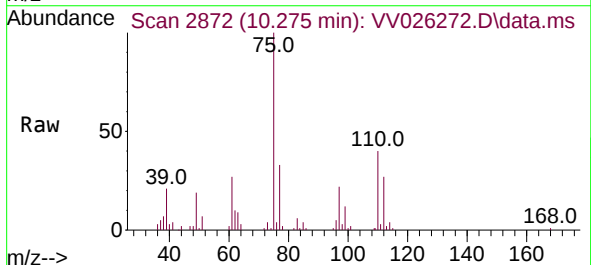
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

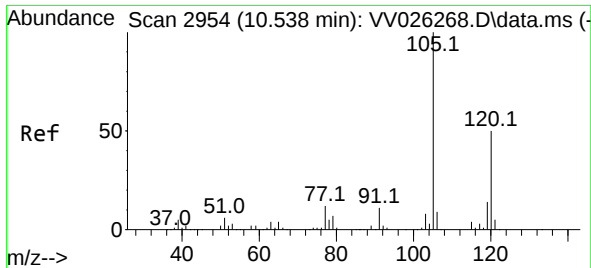
Tgt Ion:105 Resp: 304118
Ion Ratio Lower Upper
105 100
120 26.0 21.5 32.3
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.164 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 75 Resp: 35314
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 40.2 30.7 46.1

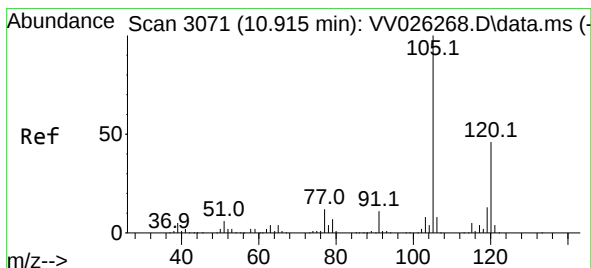
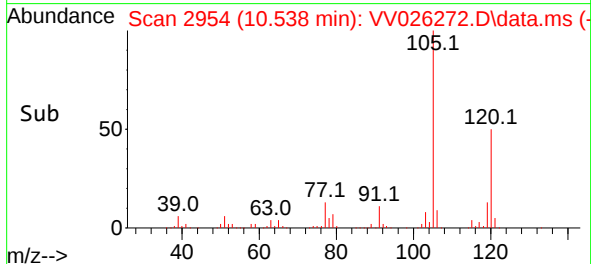
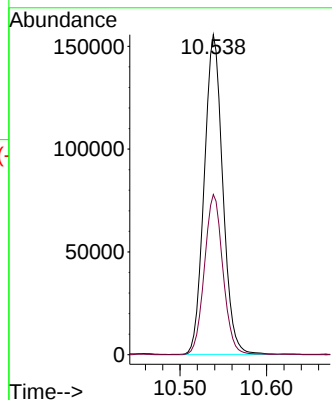
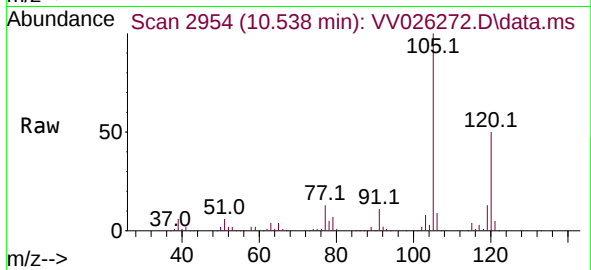




#62
 1,3,5-Trimethylbenzene
 Concen: 5.192 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

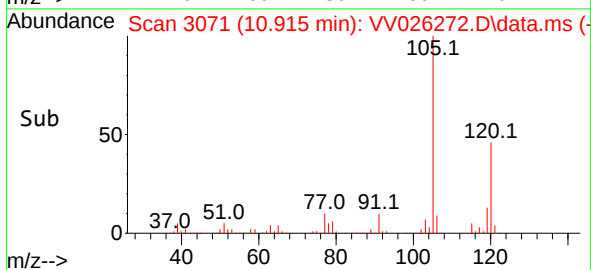
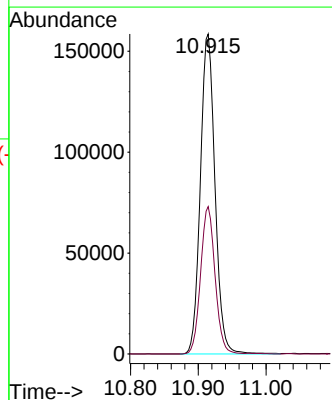
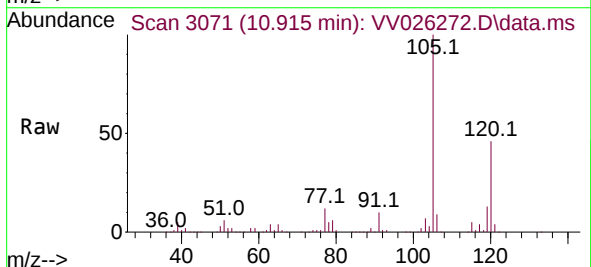
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

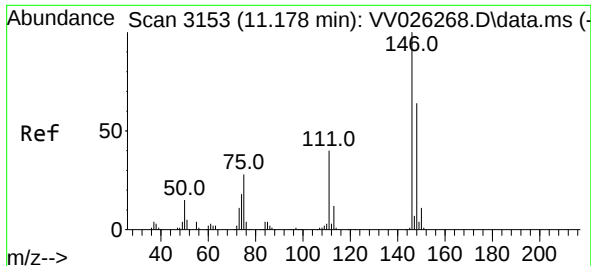
Tgt Ion:105 Resp: 231497
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.386 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026272.D
 Acq: 15 Jun 2022 12:34

Tgt Ion:105 Resp: 237688
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.9 55.3

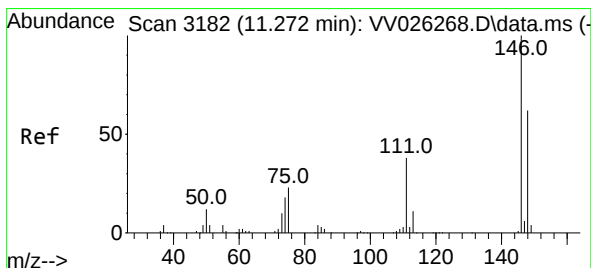
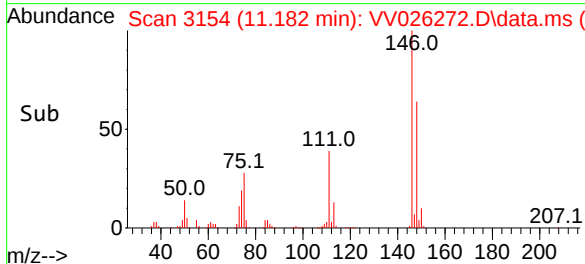
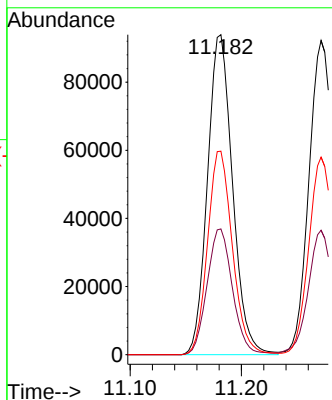
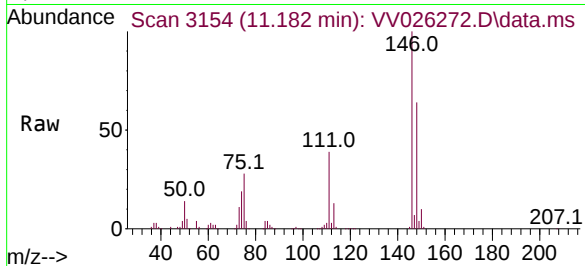




#64
1,3-Dichlorobenzene
Concen: 5.321 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

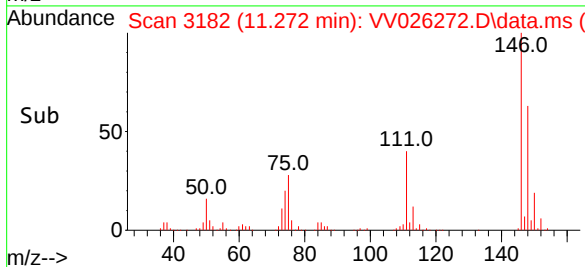
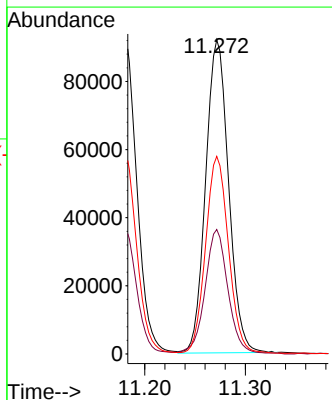
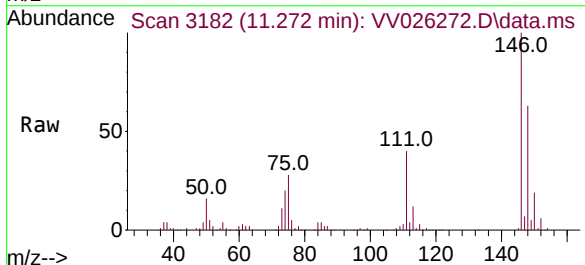
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

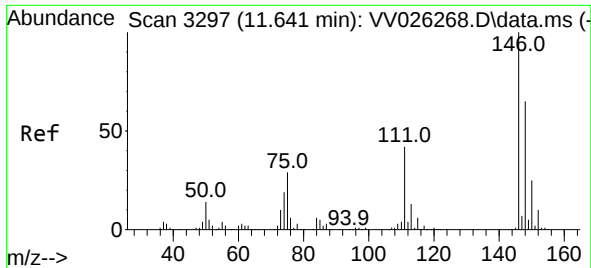
Tgt Ion:146 Resp: 146911
Ion Ratio Lower Upper
146 100
111 39.3 27.8 51.6
148 63.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.183 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion:146 Resp: 145426
Ion Ratio Lower Upper
146 100
111 39.6 26.7 49.7
148 62.9 43.3 80.3

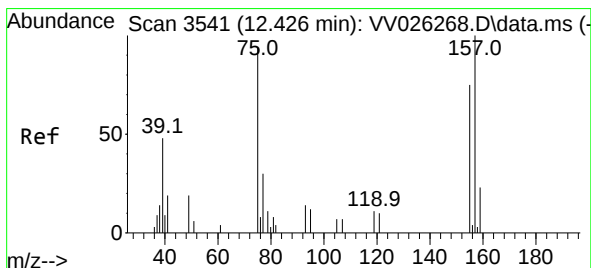
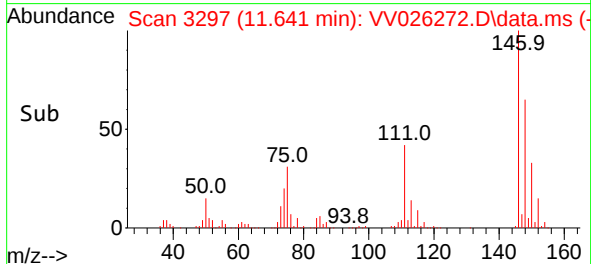
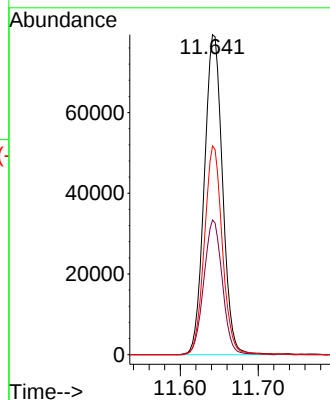
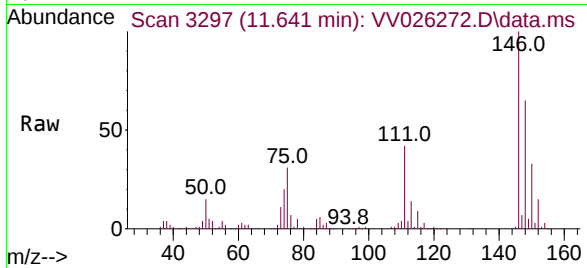




#67
1,2-Dichlorobenzene
Concen: 5.259 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

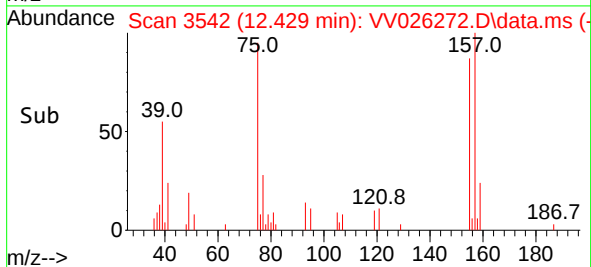
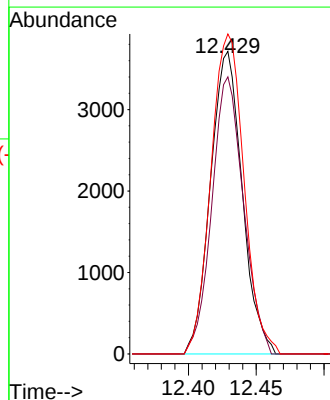
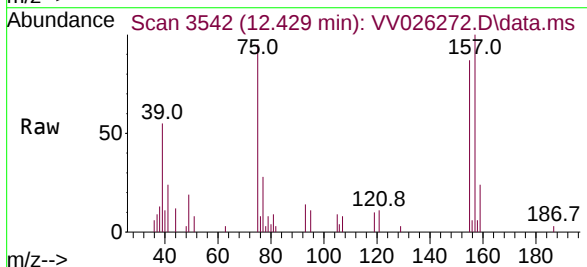
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

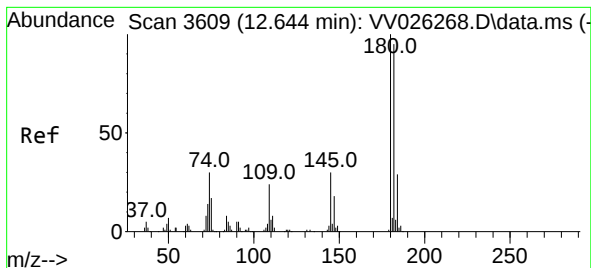
Tgt Ion:146 Resp: 128601
Ion Ratio Lower Upper
146 100
111 42.1 33.8 50.8
148 65.2 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.984 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026272.D
Acq: 15 Jun 2022 12:34

Tgt Ion: 75 Resp: 6038
Ion Ratio Lower Upper
75 100
155 91.6 63.7 95.5
157 105.8 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.227 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

Tgt Ion:180 Resp: 104342

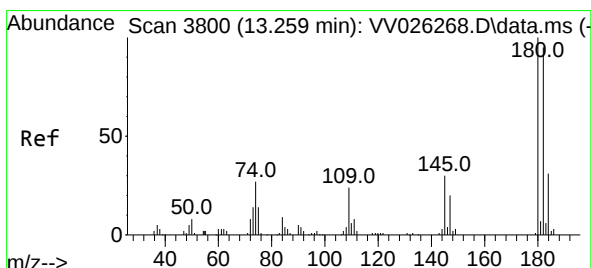
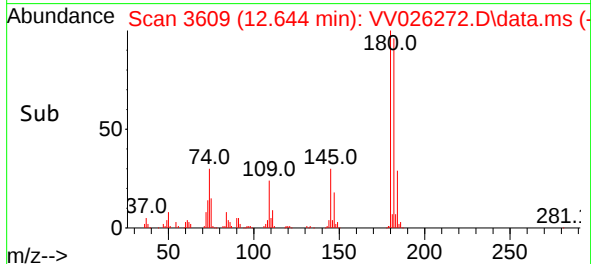
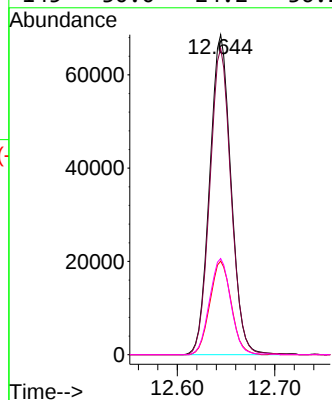
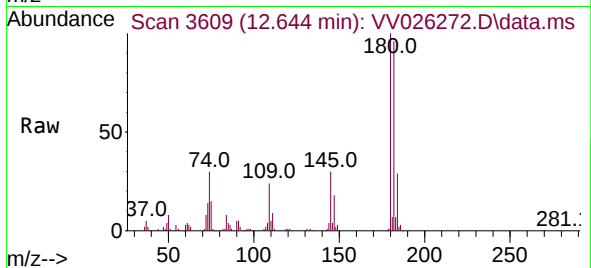
Ion Ratio Lower Upper

180 100

182 95.6 75.5 113.3

184 29.2 23.7 35.5

145 30.0 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.324 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

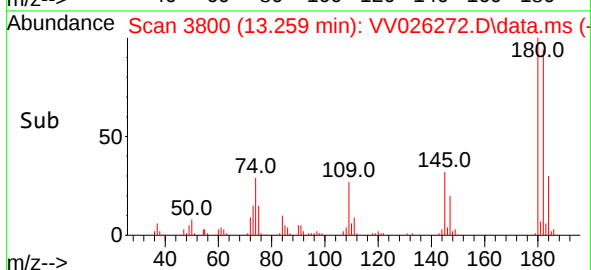
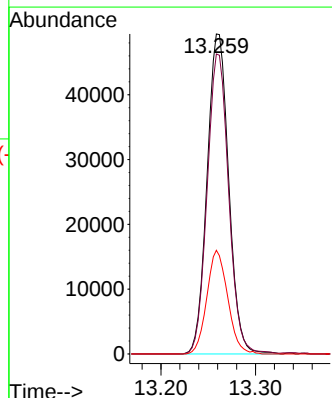
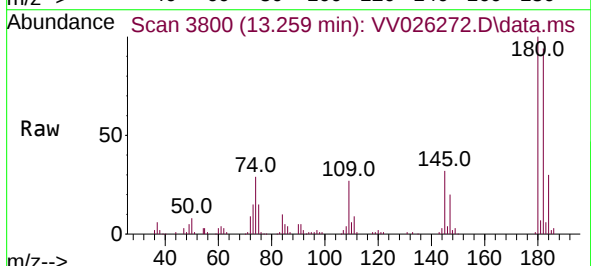
Tgt Ion:180 Resp: 78387

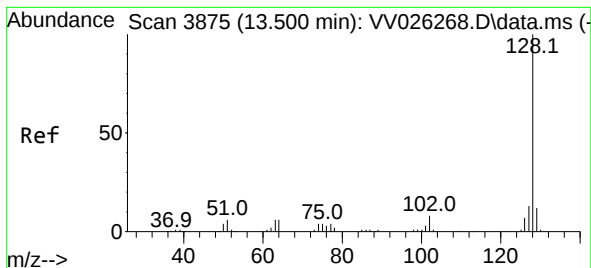
Ion Ratio Lower Upper

180 100

182 93.4 76.2 114.2

145 31.3 23.9 35.9





#71

Naphthalene

Concen: 5.464 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

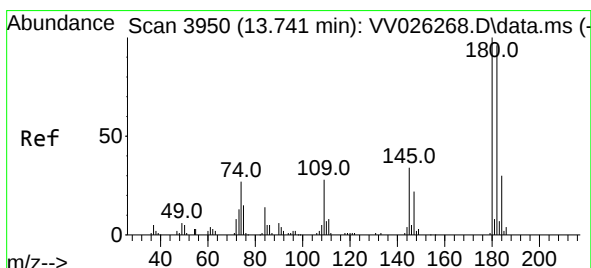
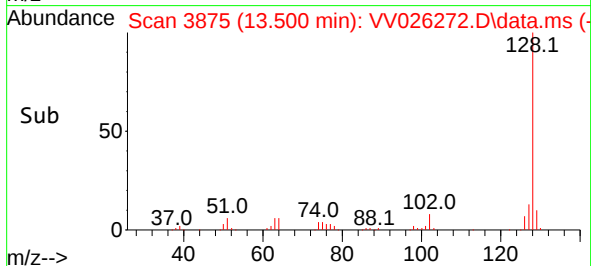
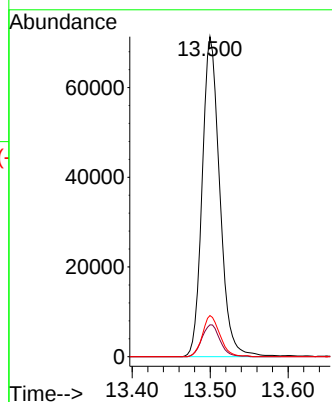
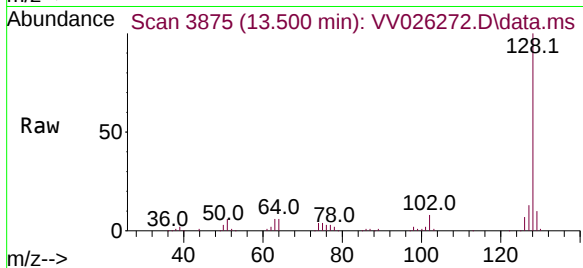
Tgt Ion:128 Resp: 111703

Ion Ratio Lower Upper

128 100

129 10.3 8.7 13.1

127 12.8 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.461 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026272.D

Acq: 15 Jun 2022 12:34

Tgt Ion:180 Resp: 67319

Ion Ratio Lower Upper

180 100

182 95.1 77.9 116.9

145 33.3 26.7 40.1

