

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026475.D
 Acq On : 21 Jun 2022 02:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Jun 21 05:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	205917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	193238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	68758	3.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.584	69	58578	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.124	63	133642	4.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.934	46	95750	54.865	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.740%
24) Chloroform-d	4.365	84	138265	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.047	65	53100	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.063	84	268549	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.075	67	76326	5.062	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.320	98	253731	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	7.628	79	21152	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.091	63	77968	52.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52802	5.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77319	5.028	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	74736	4.854	ug/L	100
3) Chloromethane	1.256	50	72946	4.267	ug/L	99
5) Vinyl chloride	1.326	62	84170	4.735	ug/L	89
6) Bromomethane	1.539	94	41748	4.202	ug/L	99
8) Chloroethane	1.603	64	59533	5.395	ug/L	92
9) Trichlorofluoromethane	1.770	101	121718	4.961	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	73310	5.152	ug/L	99
12) 1,1-Dichloroethene	2.133	96	66713	5.128	ug/L	99
13) Acetone	2.227	43	65554	48.470	ug/L	68
14) Carbon disulfide	2.310	76	143407	4.471	ug/L	100
15) Methyl Acetate	2.465	43	18592	5.729	ug/L	98
16) Methylene chloride	2.523	84	75806	4.567	ug/L	95
17) Methyl tert-butyl Ether	2.789	73	124851	5.582	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	65921	5.225	ug/L	96
19) 1,1-Dichloroethane	3.207	63	131884	5.481	ug/L	98
21) 2-Butanone	4.018	43	99910	57.091	ug/L	96
22) cis-1,2-Dichloroethene	3.928	96	73518	5.759	ug/L	97
23) Bromochloromethane	4.265	128	30223	5.580	ug/L	97
25) Chloroform	4.391	83	139378	5.340	ug/L	95

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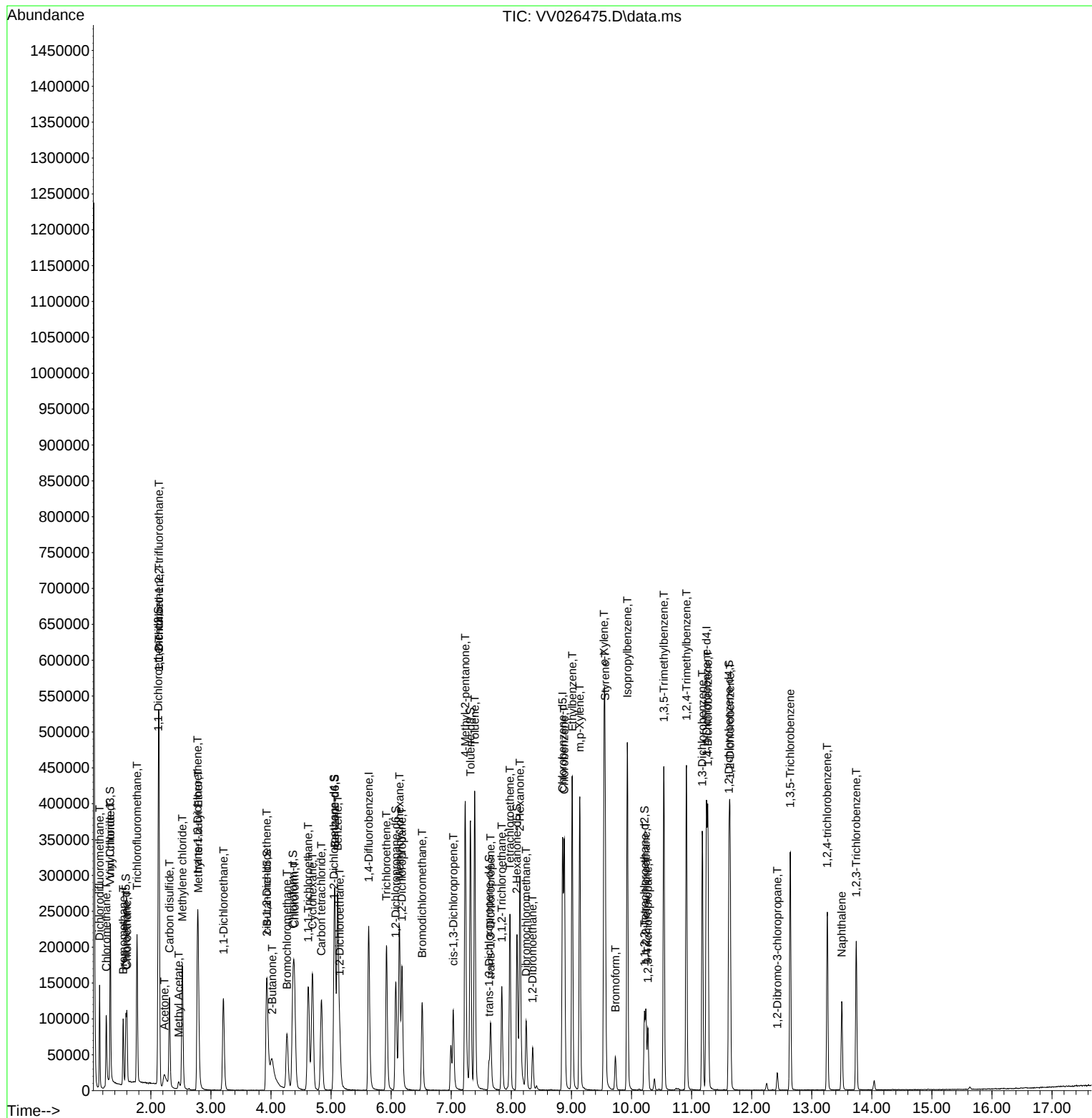
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 ClientSampleId :
 VSTD005330

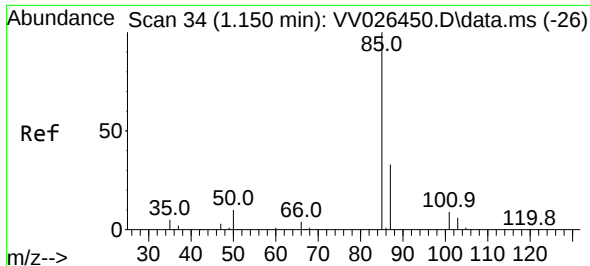
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	65350	5.501	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	120236	5.631	ug/L	98
30) Cyclohexane	4.690	56	83284	5.215	ug/L	99
31) Carbon tetrachloride	4.838	117	97514	5.392	ug/L	99
33) Benzene	5.111	78	286379	5.781	ug/L	100
34) Trichloroethene	5.921	95	72050	5.327	ug/L	99
35) Methylcyclohexane	6.136	83	93597	5.003	ug/L	98
37) 1,2-Dichloropropane	6.178	63	70333	5.428	ug/L #	97
38) Bromodichloromethane	6.516	83	87099	5.542	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	74147	5.014	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	275160	57.753	ug/L	97
42) Toluene	7.390	91	309705	5.944	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	57682	4.884	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	46754	5.497	ug/L	94
47) Tetrachloroethene	7.976	164	57033	5.693	ug/L	96
48) 2-Hexanone	8.143	43	192332	56.344	ug/L	99
49) Dibromochloromethane	8.246	129	49573	5.263	ug/L	100
50) 1,2-Dibromoethane	8.355	107	40921	5.646	ug/L	97
51) Chlorobenzene	8.882	112	195102	5.734	ug/L	98
52) Ethylbenzene	9.014	91	305562	5.850	ug/L	99
53) m,p-Xylene	9.140	106	121216	5.953	ug/L	94
54) o-Xylene	9.545	106	115120	5.836	ug/L	96
55) Styrene	9.561	104	202638	6.118	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53233	6.170	ug/L	96
59) Bromoform	9.731	173	21170	4.829	ug/L	99
60) Isopropylbenzene	9.931	105	312604	5.873	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34776	5.368	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	241147	5.710	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	245964	5.884	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	150577	5.757	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	149550	5.627	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	132304	5.711	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6283	5.475	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	103508	5.474	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	74324	5.329	ug/L	99
71) Naphthalene	13.500	128	99469	5.137	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63572	5.444	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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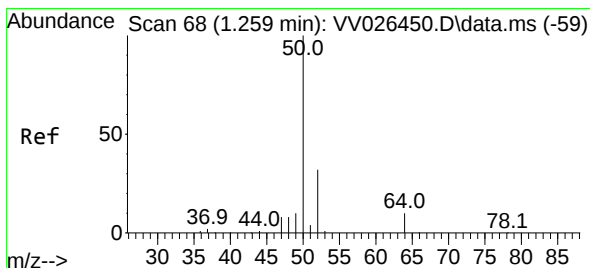
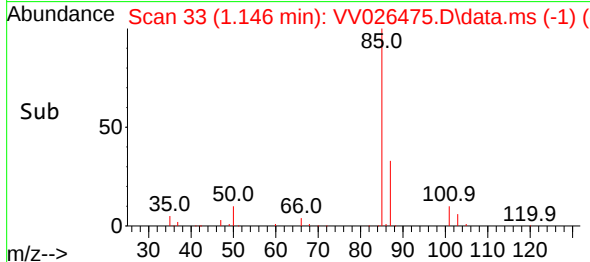
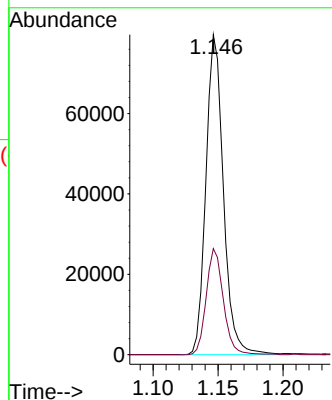
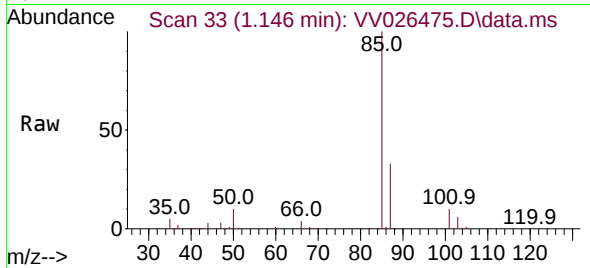




#2
 Dichlorodifluoromethane
 Concen: 4.854 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

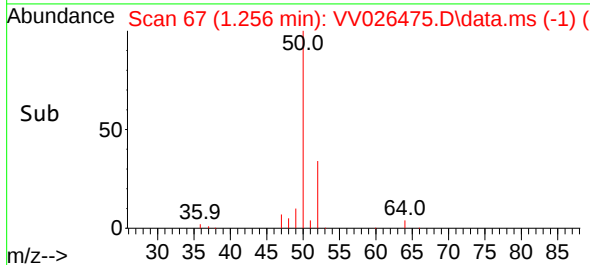
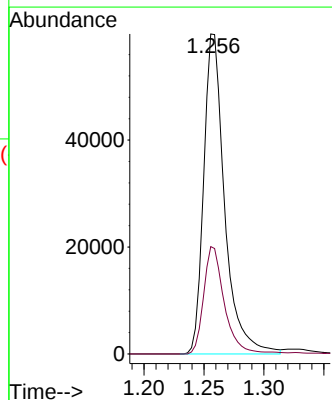
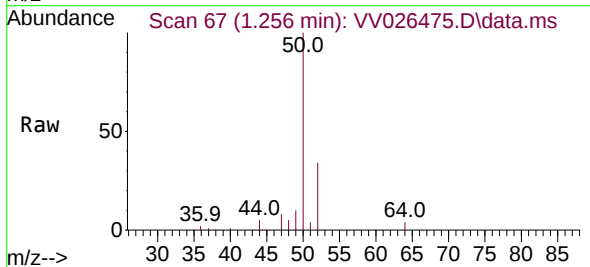
Instrument :
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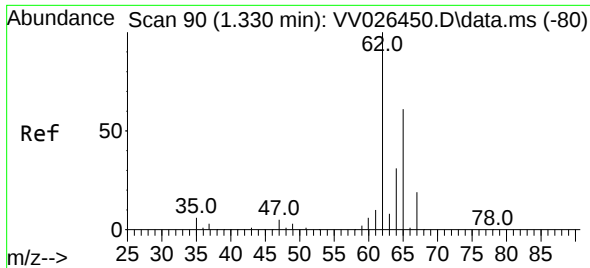
Tgt Ion: 85 Resp: 74736
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.267 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

Tgt Ion: 50 Resp: 72946
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 44.1

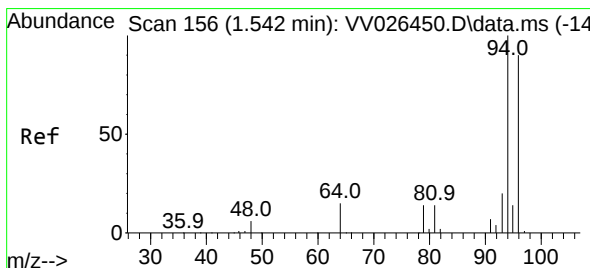
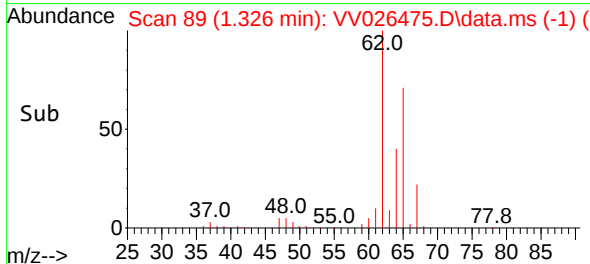
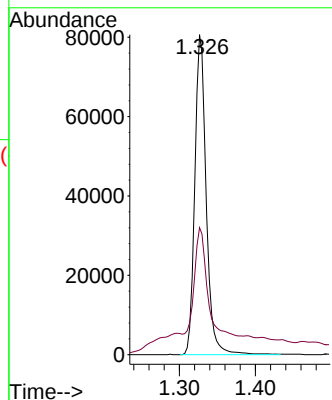
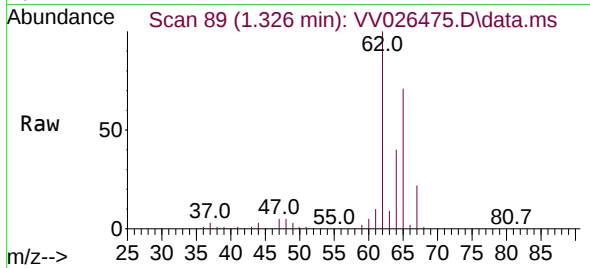




#5
 Vinyl chloride
 Concen: 4.735 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

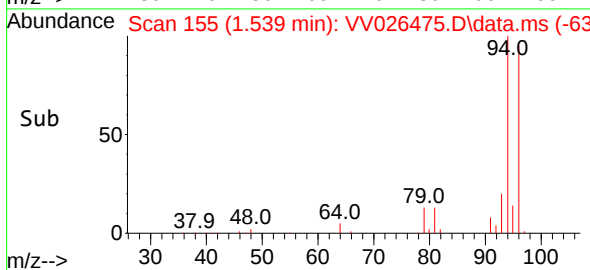
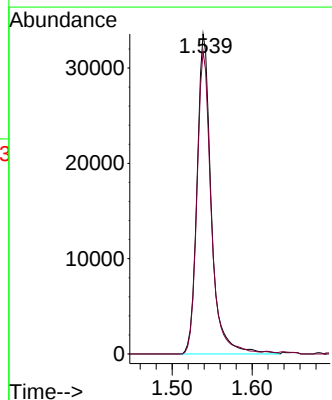
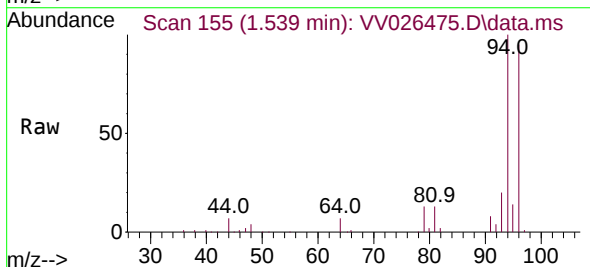
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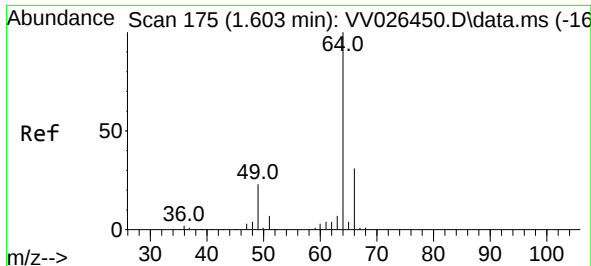
Tgt Ion: 62 Resp: 84170
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.2 43.2



#6
 Bromomethane
 Concen: 4.202 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

Tgt Ion: 94 Resp: 41748
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.7 121.9

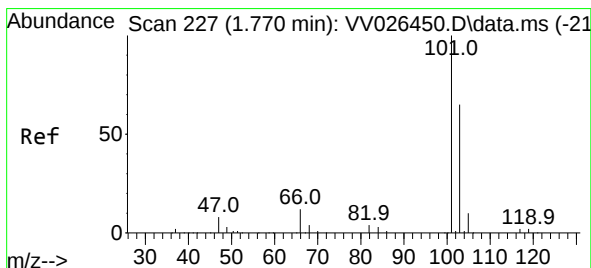
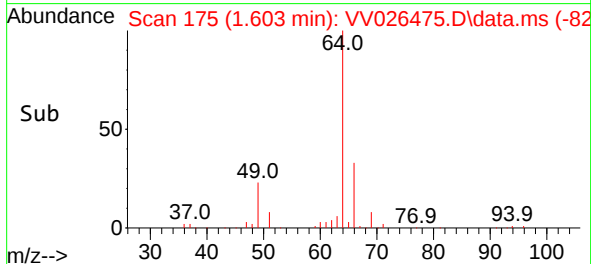
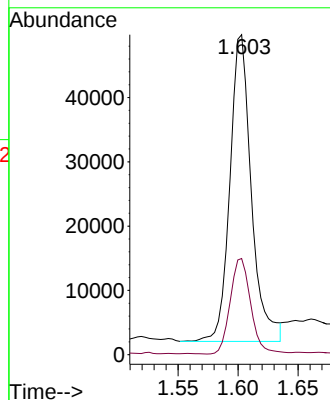
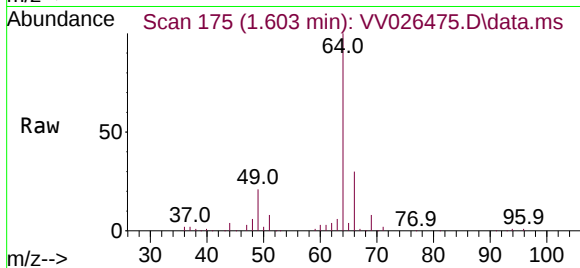




#8
Chloroethane
Concen: 5.395 ug/L
RT: 1.603 min Scan# 175
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

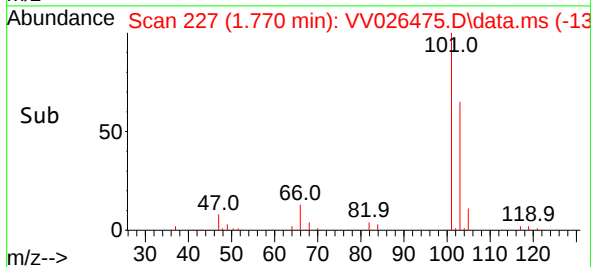
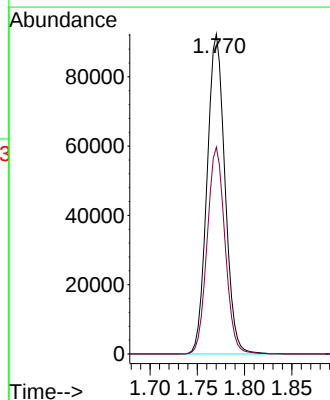
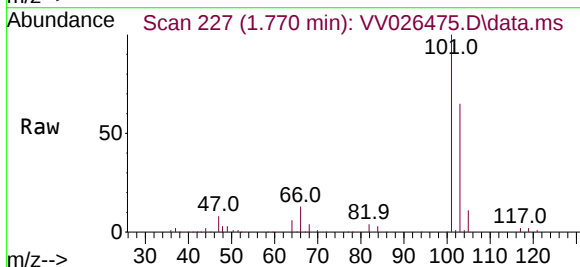
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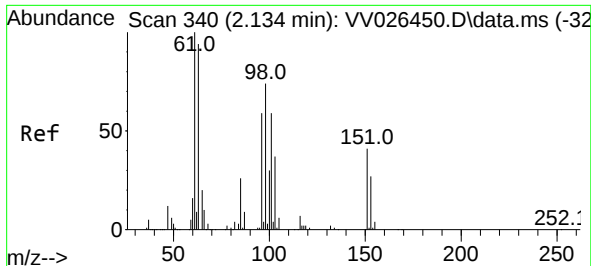
Tgt Ion: 64 Resp: 59533
Ion Ratio Lower Upper
64 100
66 30.0 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.961 ug/L
RT: 1.770 min Scan# 227
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion:101 Resp: 121718
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

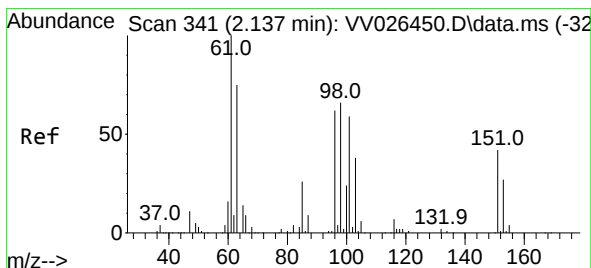
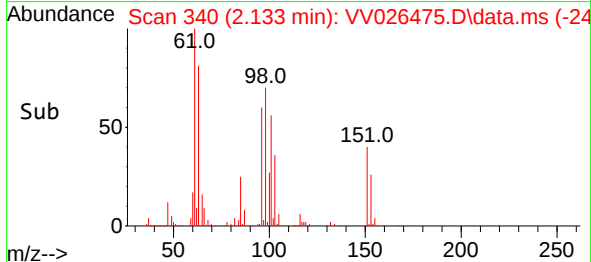
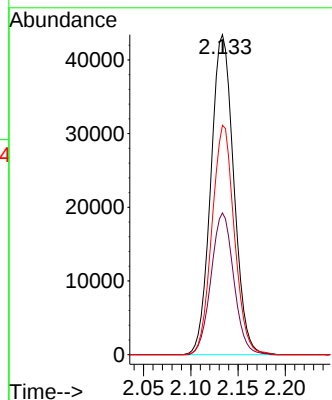
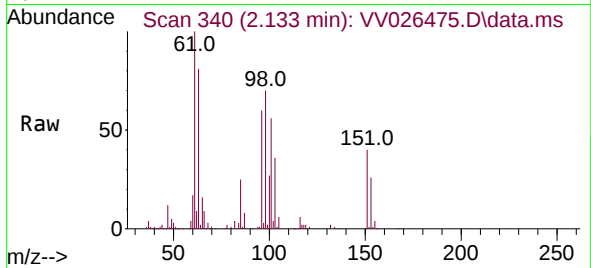




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.152 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

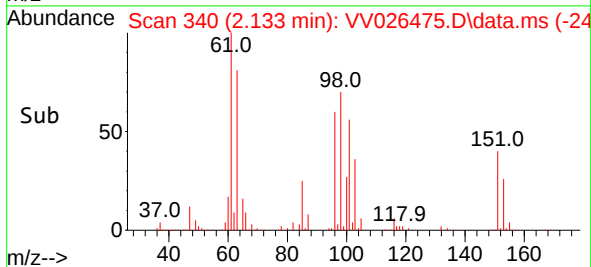
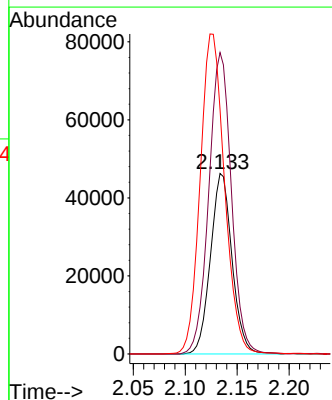
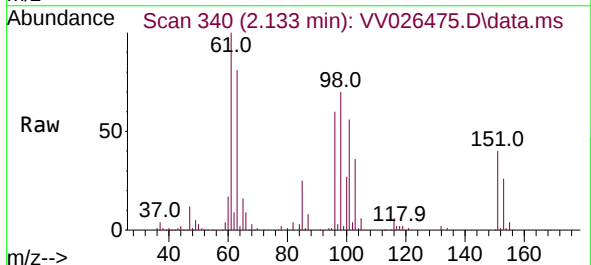
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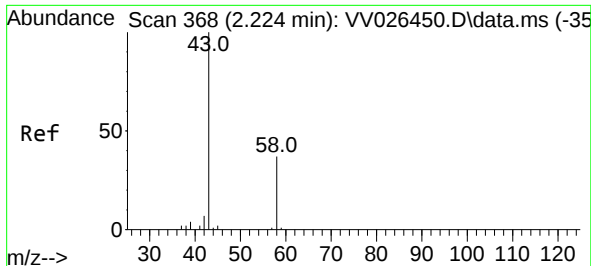
Tgt Ion:101 Resp: 73310
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 70.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.128 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

Tgt Ion: 96 Resp: 66713
 Ion Ratio Lower Upper
 96 100
 61 167.0 117.1 217.5
 63 135.4 92.8 172.4





#13

Acetone

Concen: 48.470 ug/L

RT: 2.227 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

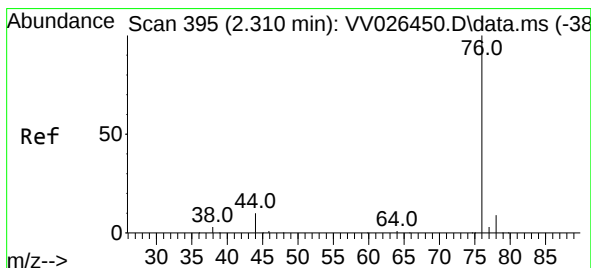
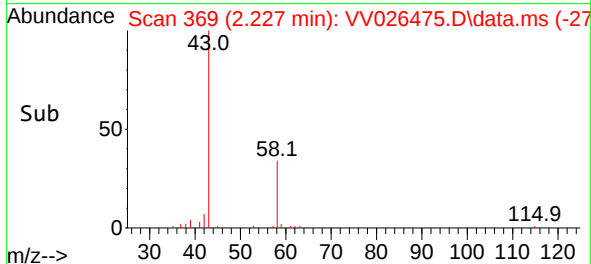
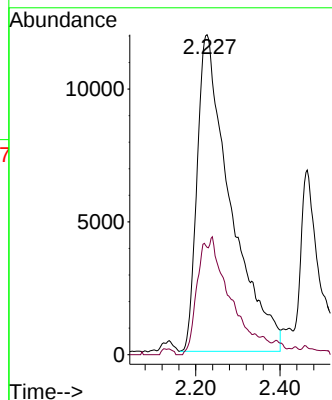
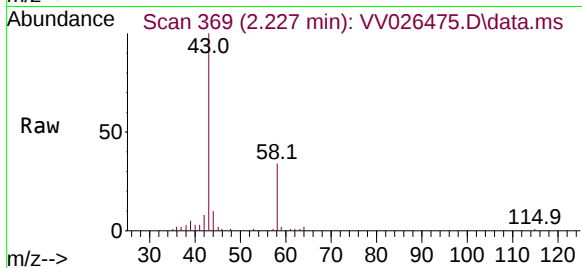
VSTD005330

Tgt Ion: 43 Resp: 65554

Ion Ratio Lower Upper

43 100

58 12.6 0.0 60.0



#14

Carbon disulfide

Concen: 4.471 ug/L

RT: 2.310 min Scan# 395

Delta R.T. -0.000 min

Lab File: VV026475.D

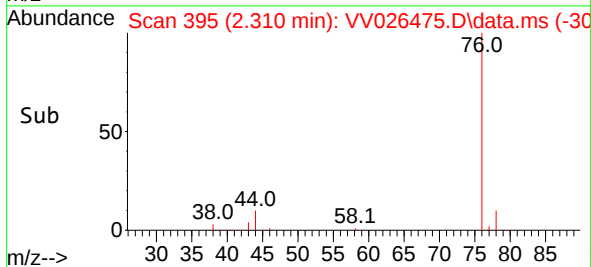
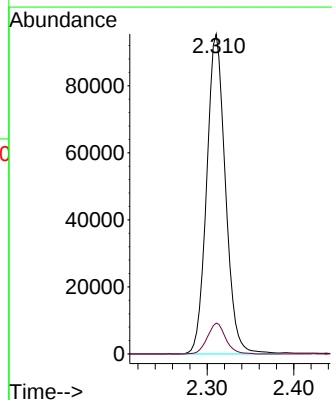
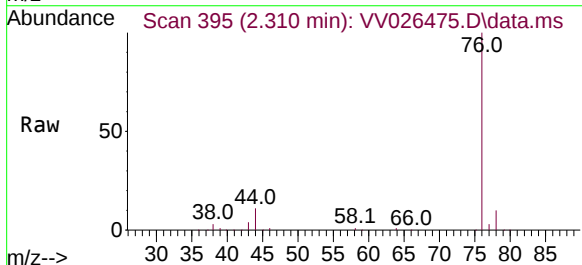
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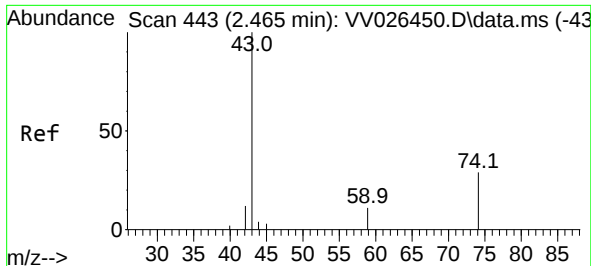
Tgt Ion: 76 Resp: 143407

Ion Ratio Lower Upper

76 100

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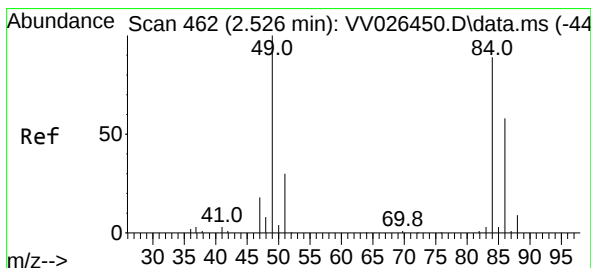
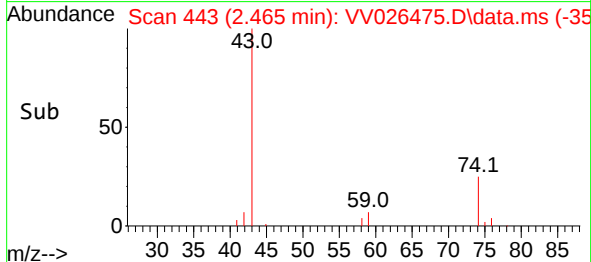
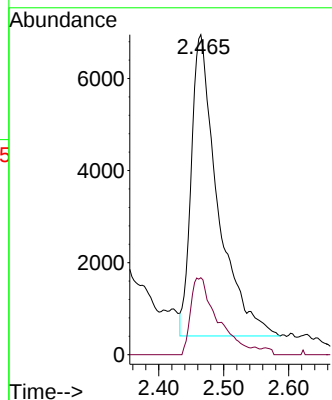
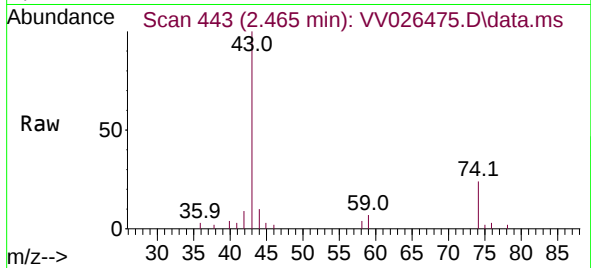




#15
Methyl Acetate
Concen: 5.729 ug/L
RT: 2.465 min Scan# 443
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

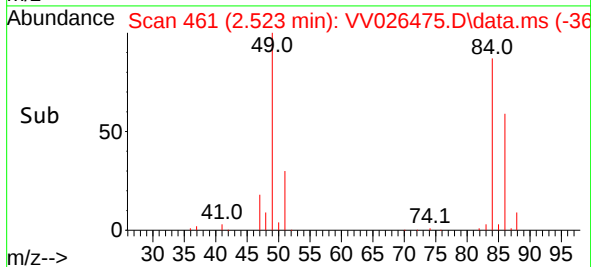
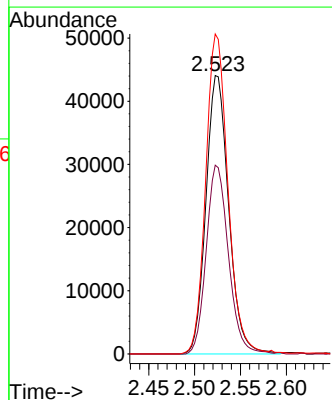
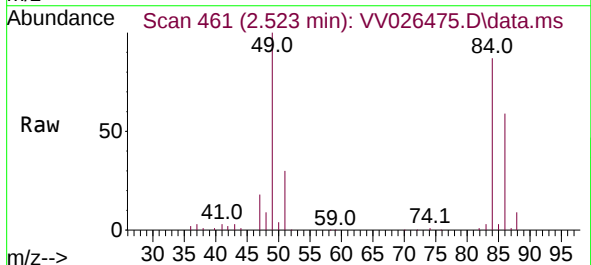
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

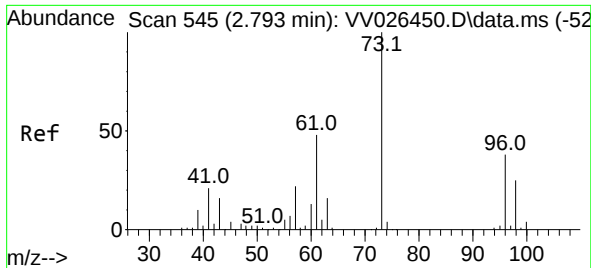
Tgt Ion: 43 Resp: 18592
Ion Ratio Lower Upper
43 100
74 25.7 21.4 32.0



#16
Methylene chloride
Concen: 4.567 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 84 Resp: 75806
Ion Ratio Lower Upper
84 100
86 67.8 44.0 81.8
49 115.0 77.3 143.7

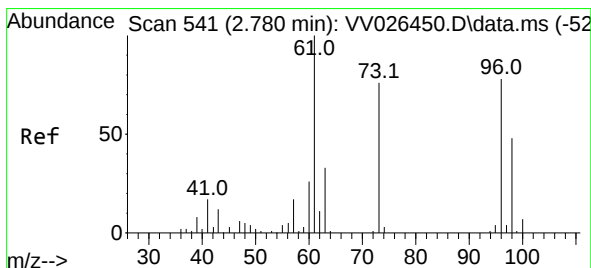
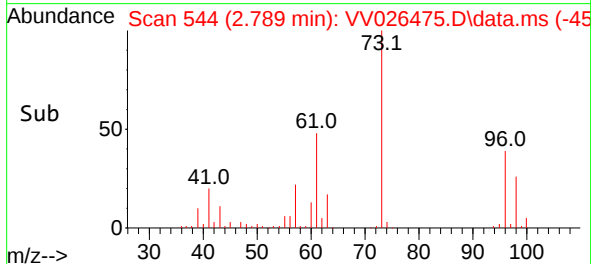
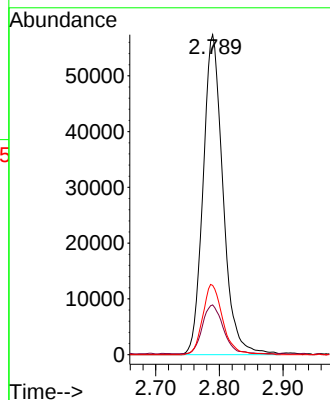
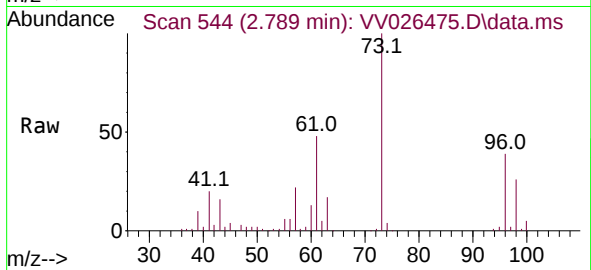




#17
Methyl tert-butyl Ether
Concen: 5.582 ug/L
RT: 2.789 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

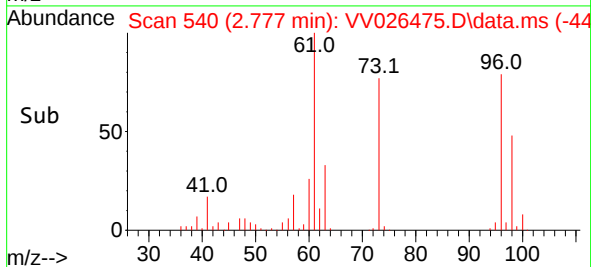
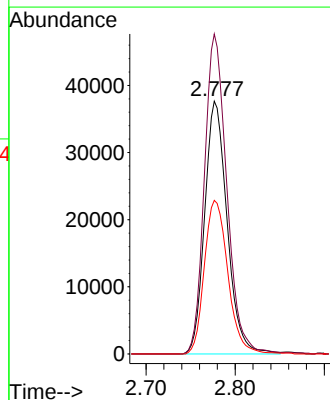
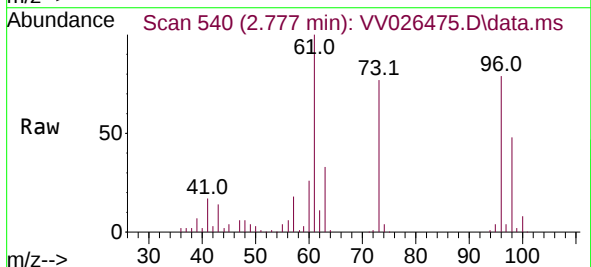
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

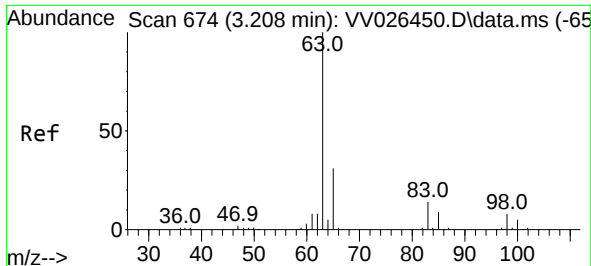
Tgt Ion: 73 Resp: 124851
Ion Ratio Lower Upper
73 100
43 16.0 13.0 19.6
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.225 ug/L
RT: 2.777 min Scan# 540
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 96 Resp: 65921
Ion Ratio Lower Upper
96 100
61 126.6 91.3 169.6
98 60.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.481 ug/L

RT: 3.207 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

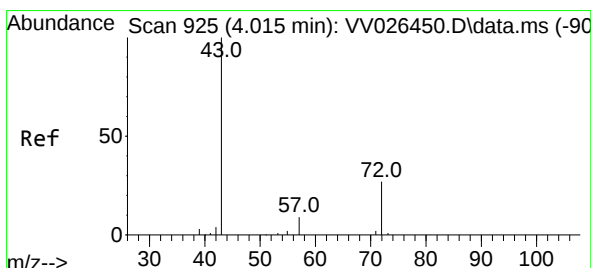
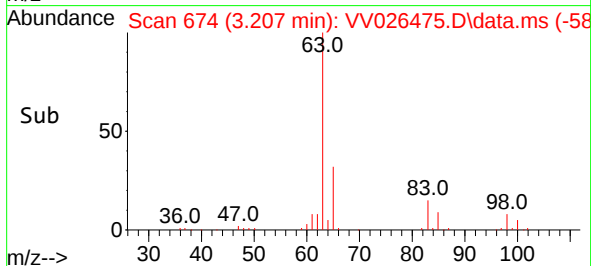
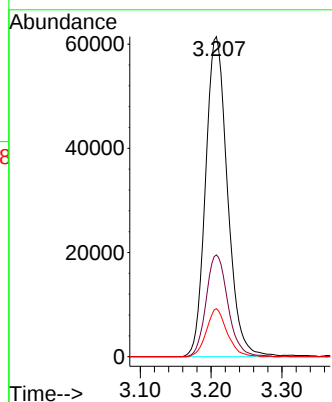
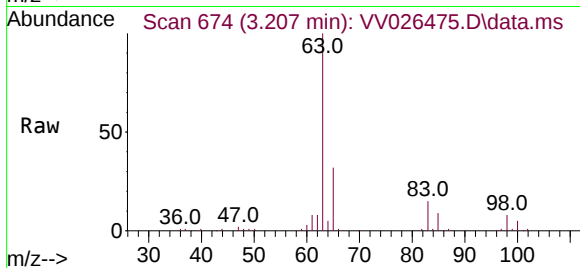
Tgt Ion: 63 Resp: 131884

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 15.0 8.9 16.5



#21

2-Butanone

Concen: 57.091 ug/L

RT: 4.018 min Scan# 926

Delta R.T. 0.003 min

Lab File: VV026475.D

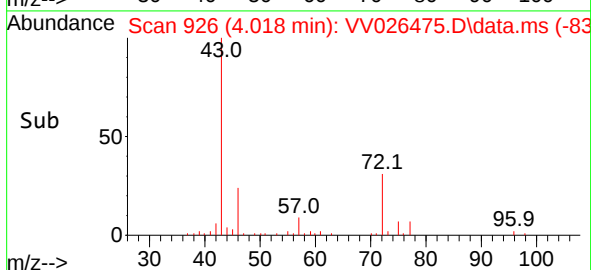
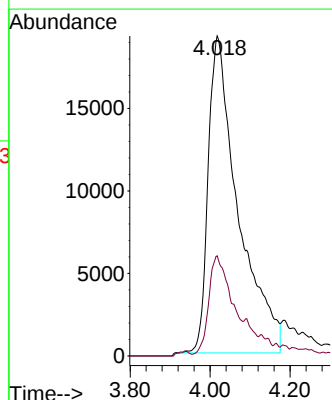
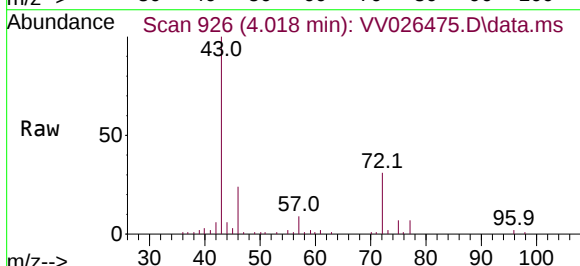
Acq: 21 Jun 2022 02:58

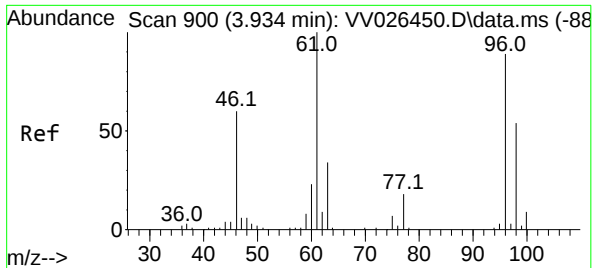
Tgt Ion: 43 Resp: 99910

Ion Ratio Lower Upper

43 100

72 23.2 12.7 38.0

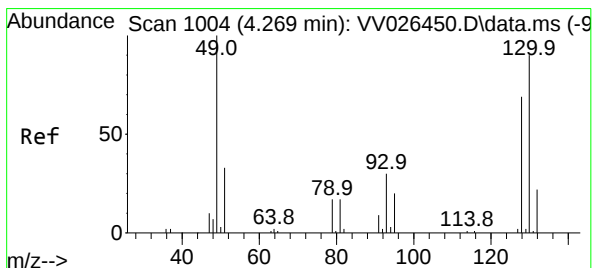
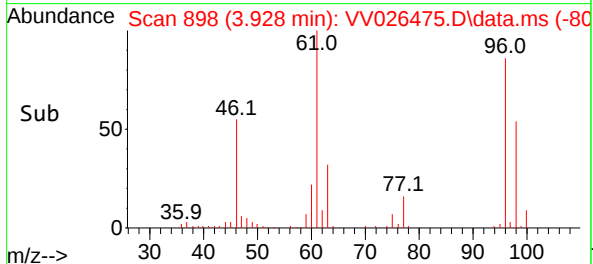
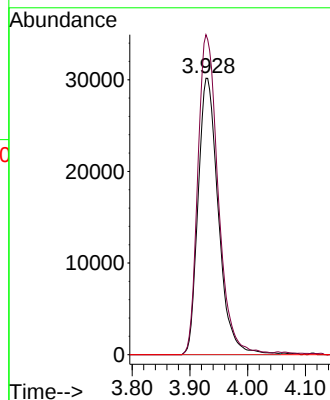
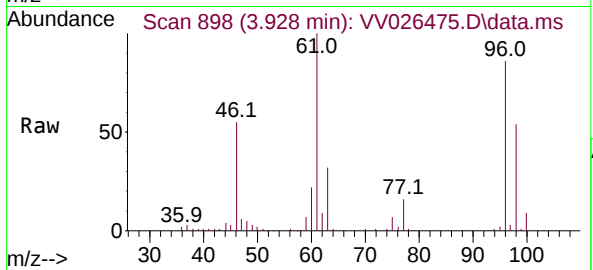




#22
 cis-1,2-Dichloroethene
 Concen: 5.759 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. -0.007 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

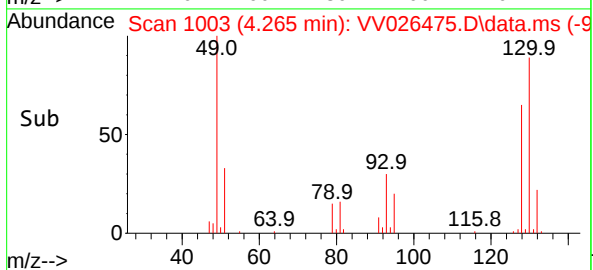
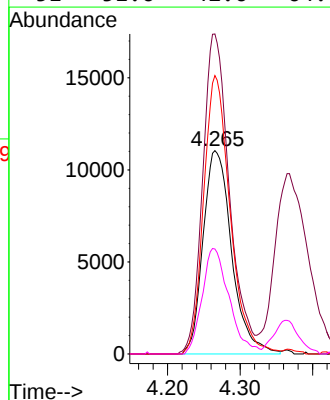
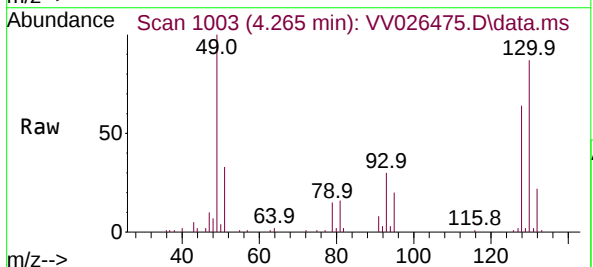
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

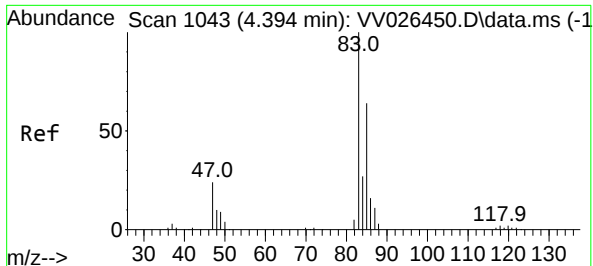
Tgt Ion: 96 Resp: 73518
 Ion Ratio Lower Upper
 96 100
 61 115.7 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.580 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. -0.003 min
 Lab File: VV026475.D
 Acq: 21 Jun 2022 02:58

Tgt Ion: 128 Resp: 30223
 Ion Ratio Lower Upper
 128 100
 49 157.3 111.6 207.2
 130 136.9 91.1 169.1
 51 51.6 42.6 64.0





#25

Chloroform

Concen: 5.340 ug/L

RT: 4.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

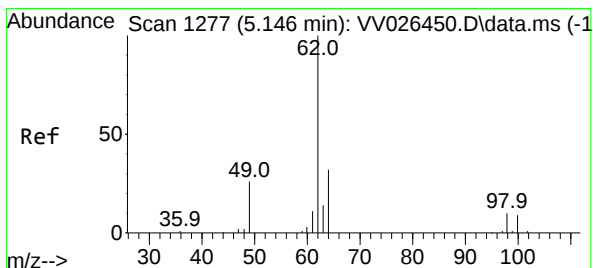
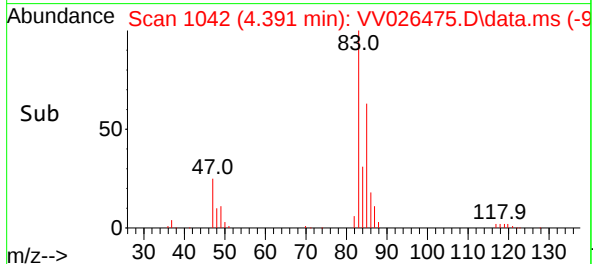
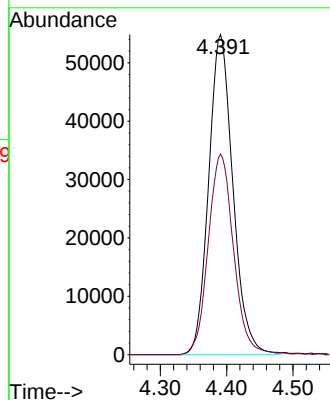
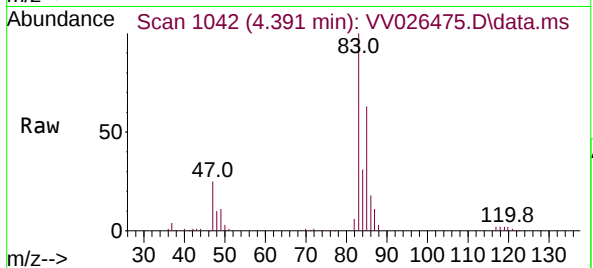
VSTD005330

Tgt Ion: 83 Resp: 139378

Ion Ratio Lower Upper

83 100

85 62.7 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.501 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. -0.003 min

Lab File: VV026475.D

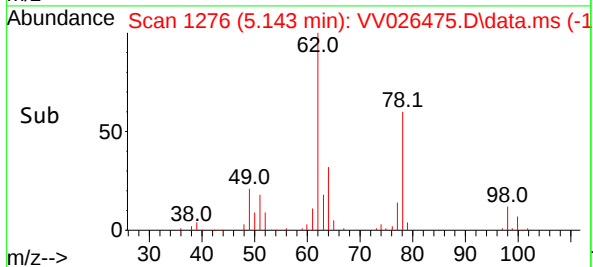
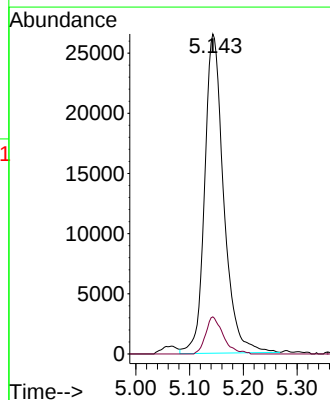
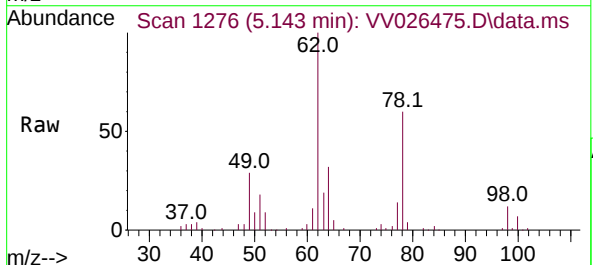
Acq: 21 Jun 2022 02:58

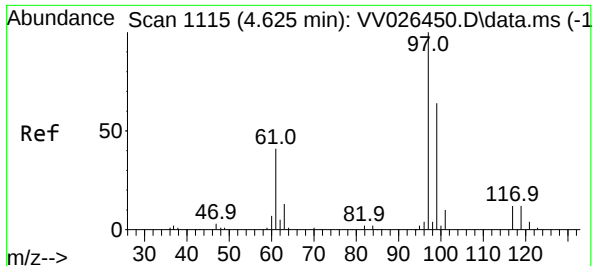
Tgt Ion: 62 Resp: 65350

Ion Ratio Lower Upper

62 100

98 11.6 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.631 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.007 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

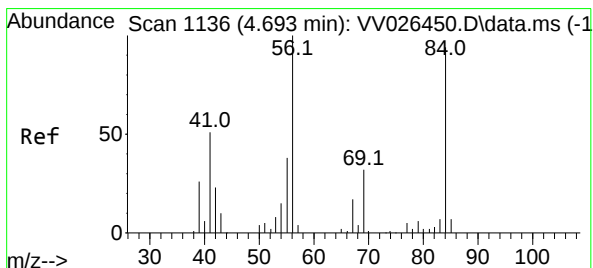
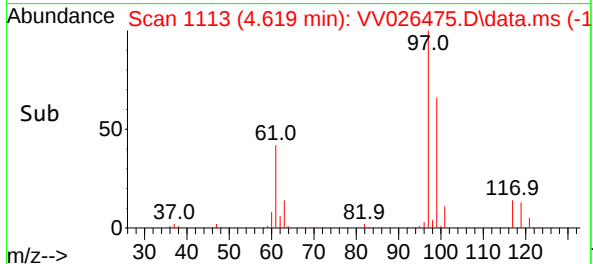
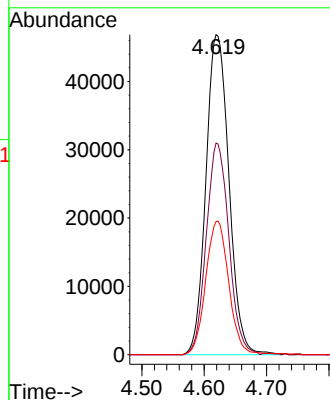
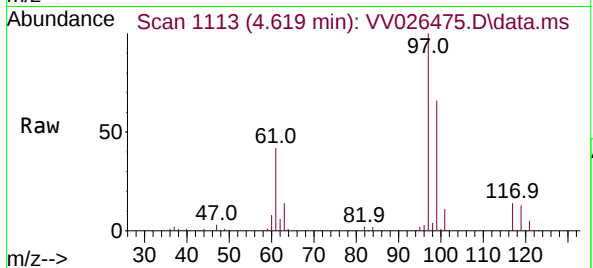
Tgt Ion: 97 Resp: 120236

Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 41.9 33.4 50.0



#30

Cyclohexane

Concen: 5.215 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

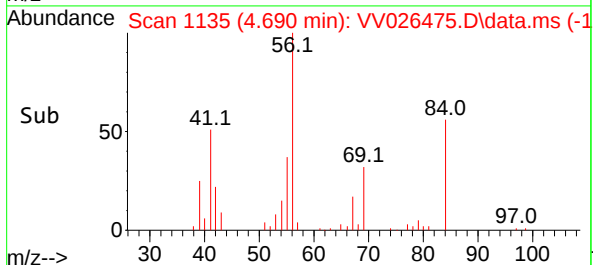
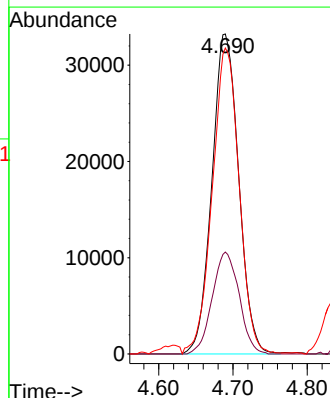
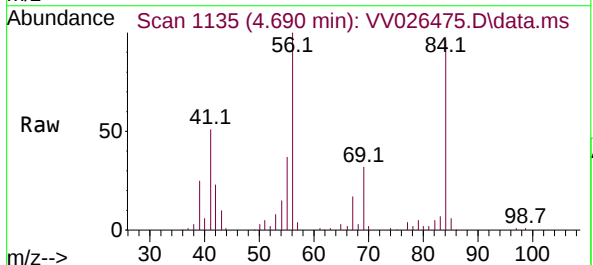
Tgt Ion: 56 Resp: 83284

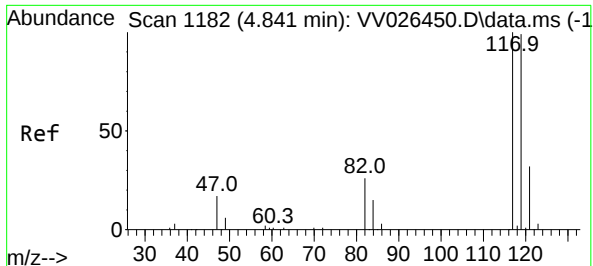
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 96.0 76.4 114.6

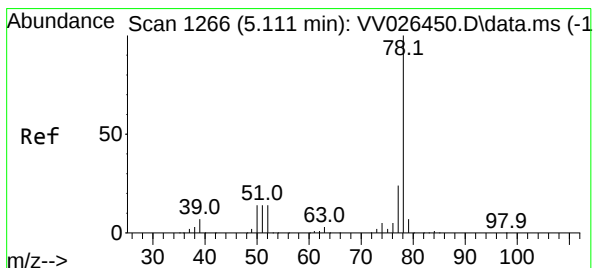
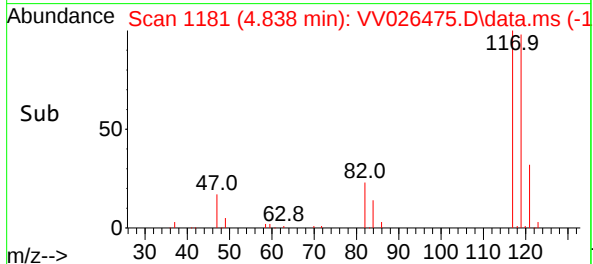
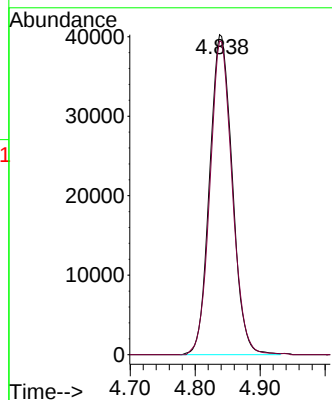
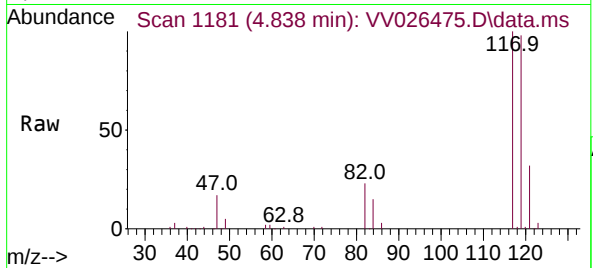




#31
Carbon tetrachloride
Concen: 5.392 ug/L
RT: 4.838 min Scan# 1182
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

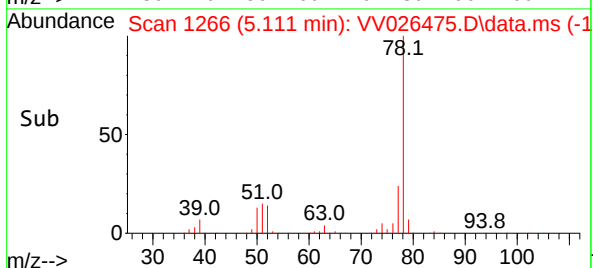
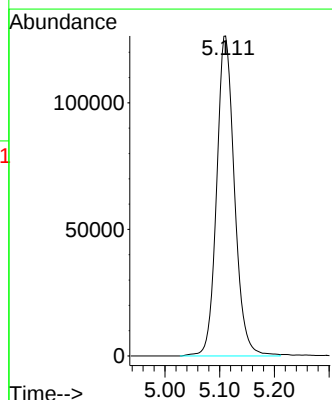
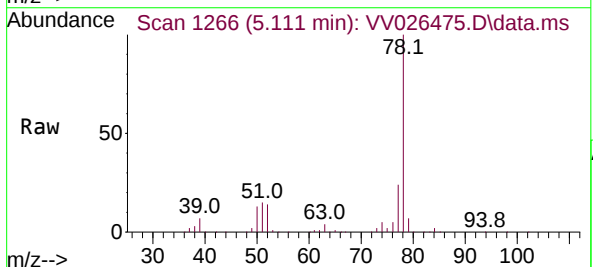
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

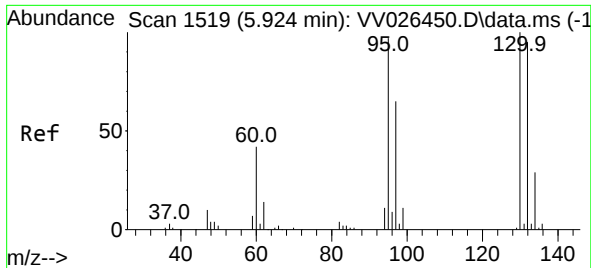
Tgt Ion:117 Resp: 97514
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4



#33
Benzene
Concen: 5.781 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 78 Resp: 286379



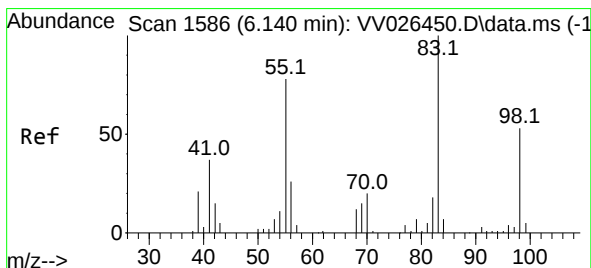
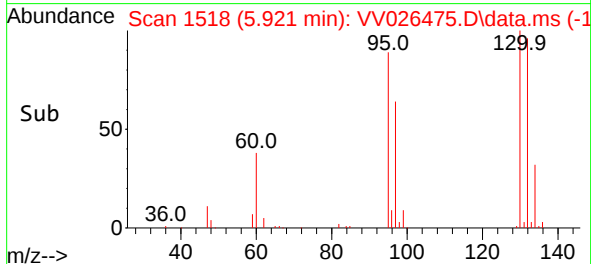
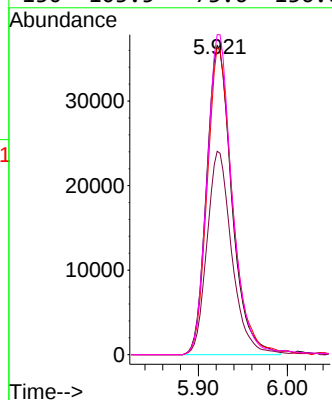
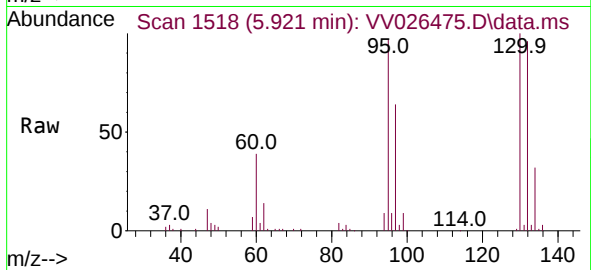


#34
Trichloroethene
Concen: 5.327 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

Tgt Ion: 95 Resp: 72050

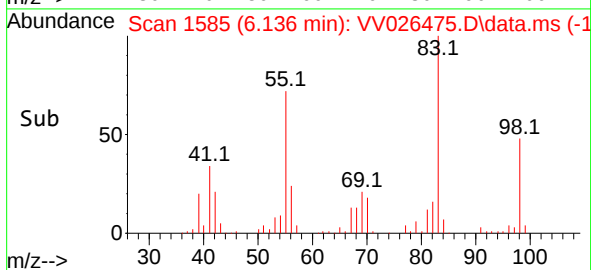
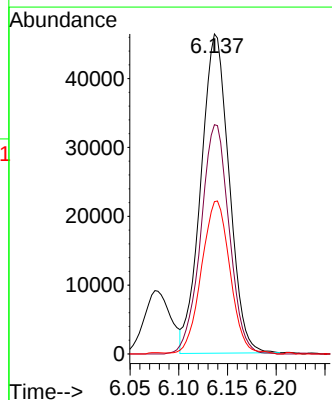
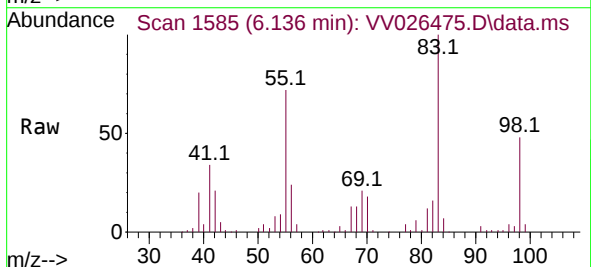
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.5	86.3
132	99.4	68.8	127.8
130	103.5	73.6	136.6

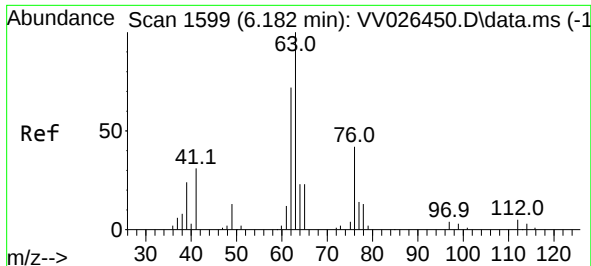


#35
Methylcyclohexane
Concen: 5.003 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 83 Resp: 93597

Ion	Ratio	Lower	Upper
83	100		
55	72.1	59.3	88.9
98	48.5	39.9	59.9

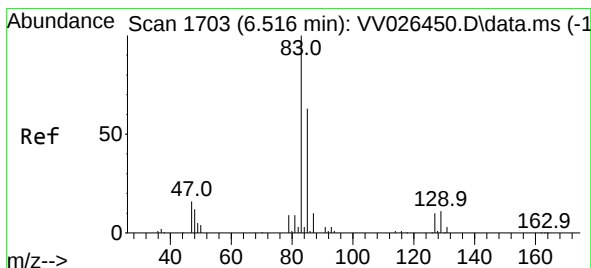
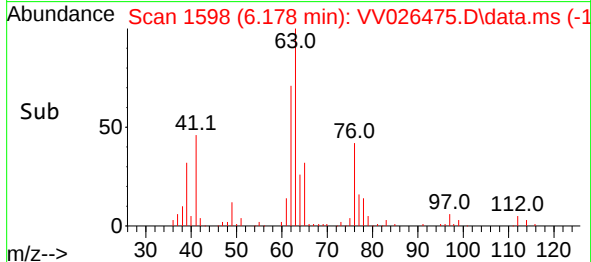
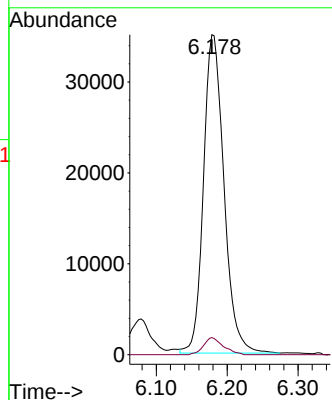
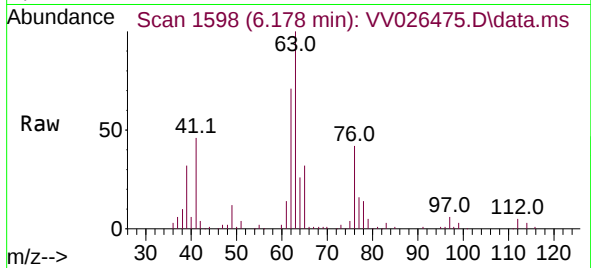




#37
1,2-Dichloropropane
Concen: 5.428 ug/L
RT: 6.178 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

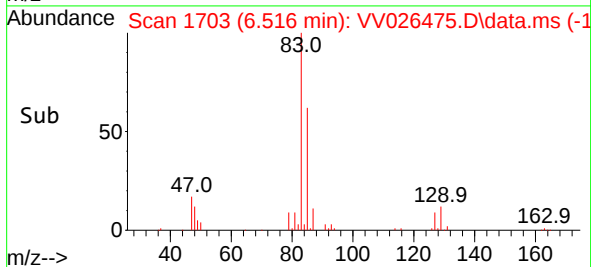
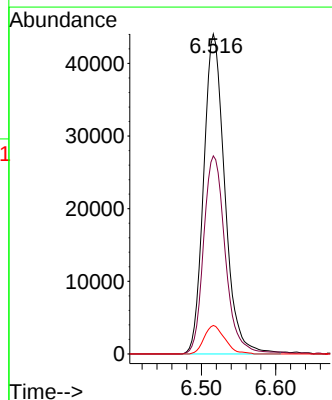
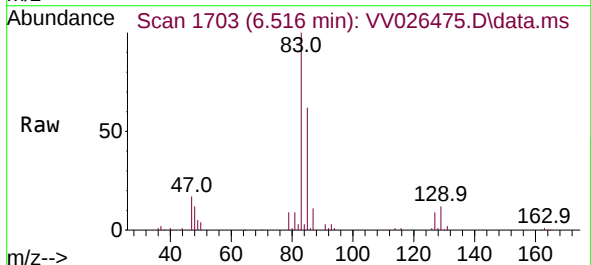
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

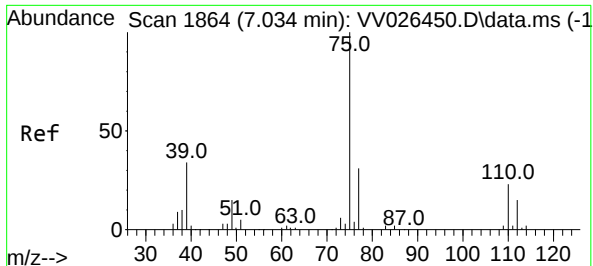
Tgt Ion: 63 Resp: 70333
Ion Ratio Lower Upper
63 100
112 5.2 3.3 4.9#



#38
Bromodichloromethane
Concen: 5.542 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 83 Resp: 87099
Ion Ratio Lower Upper
83 100
85 61.9 45.6 84.6
127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.014 ug/L

RT: 7.034 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

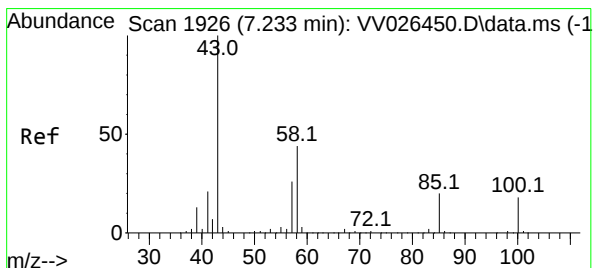
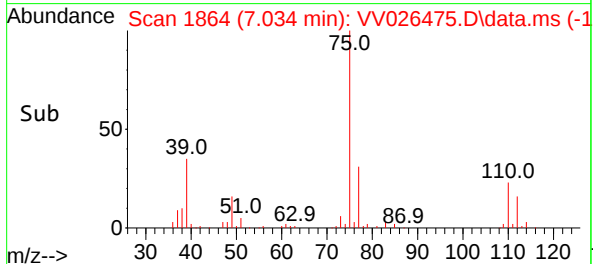
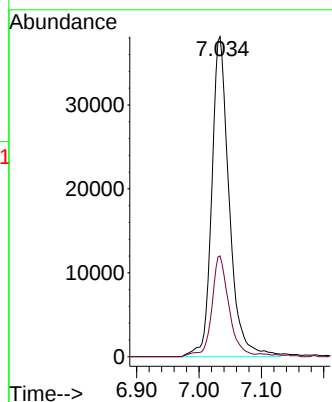
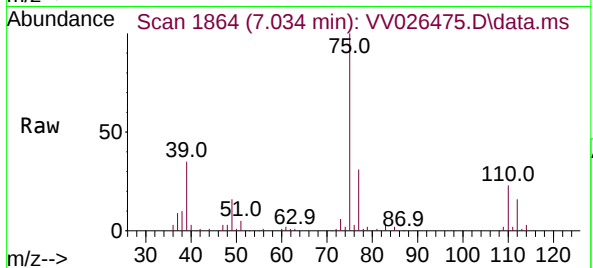
VSTD005330

Tgt Ion: 75 Resp: 74147

Ion Ratio Lower Upper

75 100

77 31.5 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 57.753 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

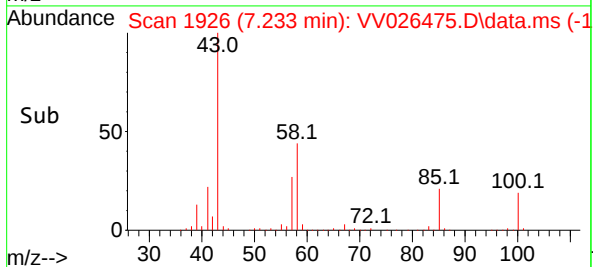
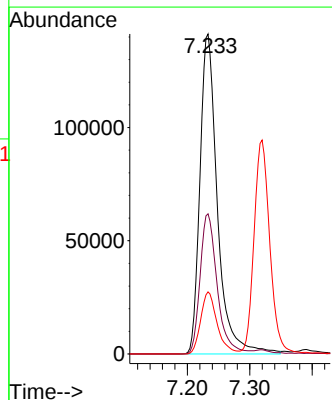
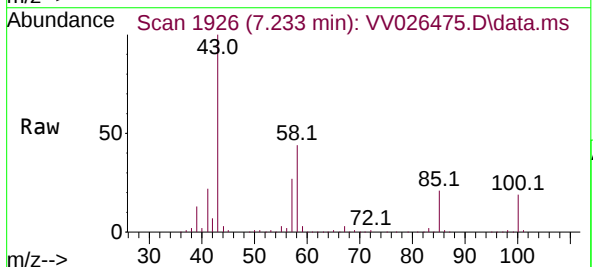
Tgt Ion: 43 Resp: 275160

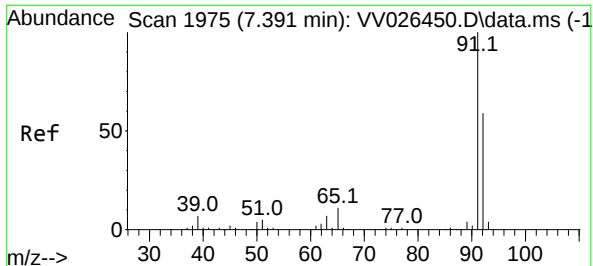
Ion Ratio Lower Upper

43 100

58 43.0 33.3 49.9

100 18.4 13.4 20.2





#42

Toluene

Concen: 5.944 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

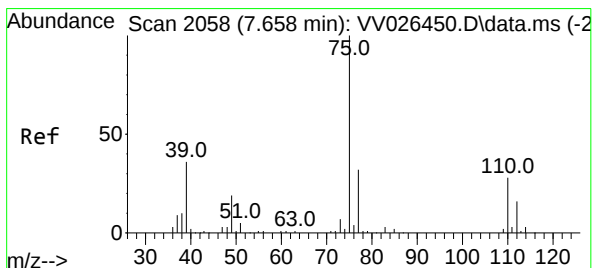
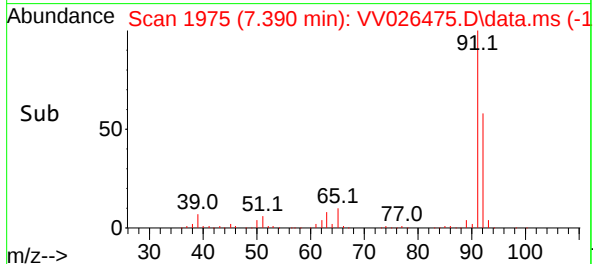
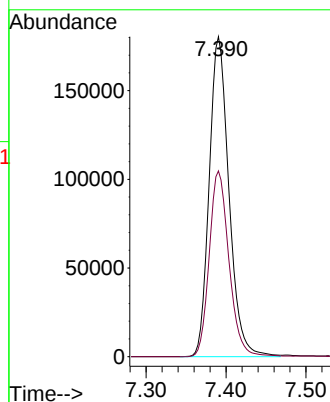
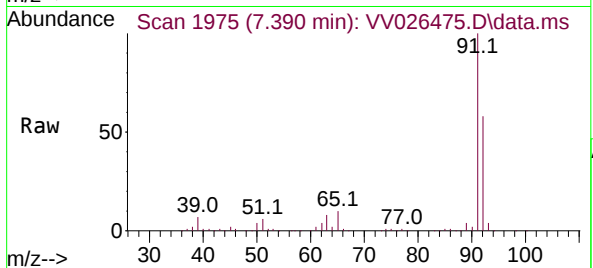
VSTD005330

Tgt Ion: 91 Resp: 309705

Ion Ratio Lower Upper

91 100

92 58.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.884 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV026475.D

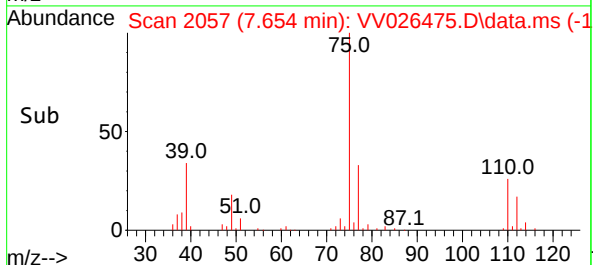
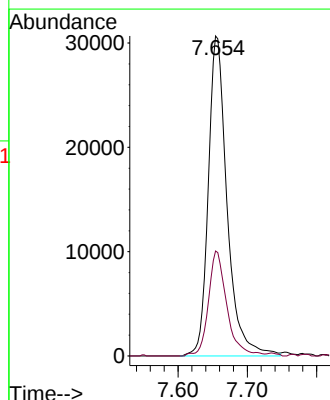
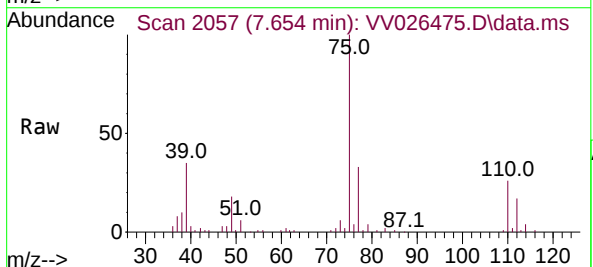
Acq: 21 Jun 2022 02:58

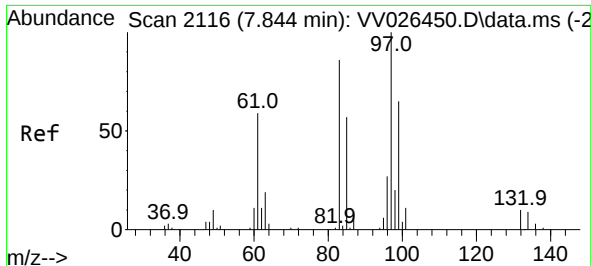
Tgt Ion: 75 Resp: 57682

Ion Ratio Lower Upper

75 100

77 32.8 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.497 ug/L

RT: 7.841 min Scan# 2116

Delta R.T. -0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion: 97 Resp: 46754

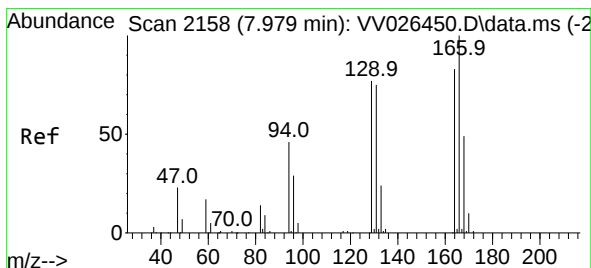
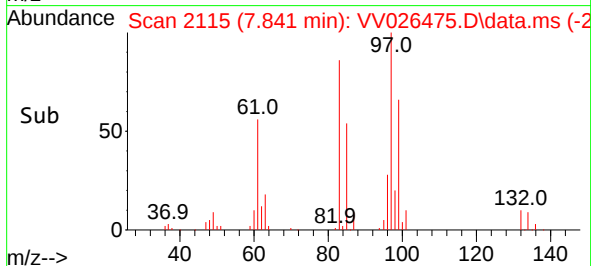
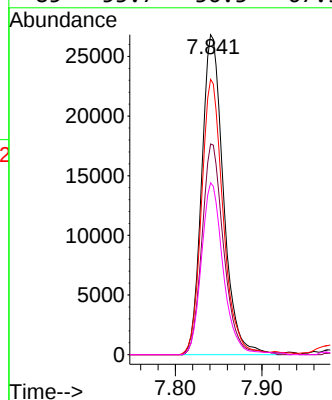
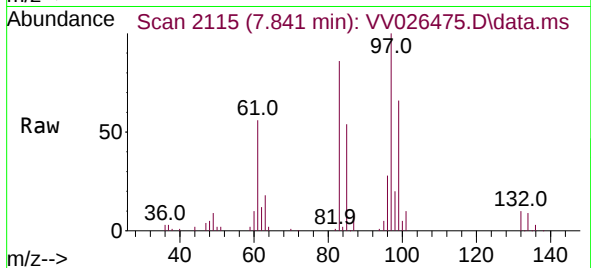
Ion Ratio Lower Upper

97 100

99 65.9 42.4 78.6

83 86.0 56.1 104.1

85 53.7 36.3 67.5



#47

Tetrachloroethene

Concen: 5.693 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Tgt Ion: 164 Resp: 57033

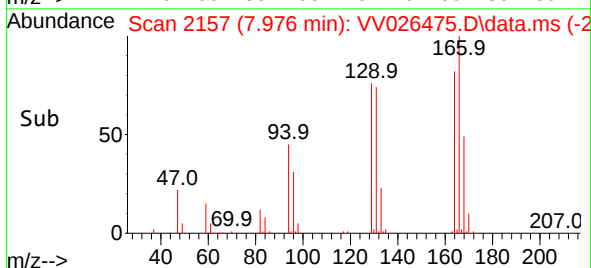
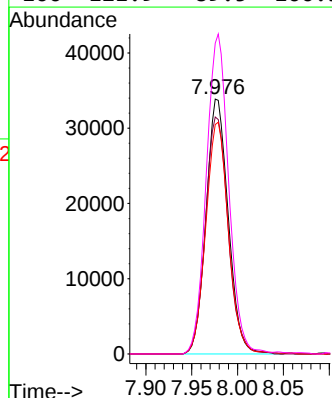
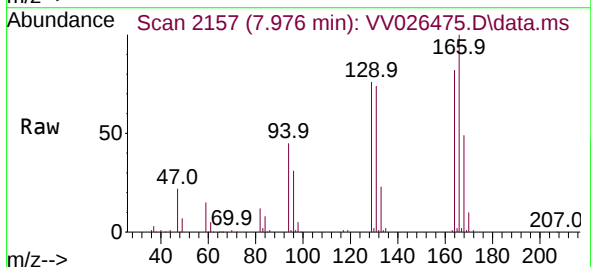
Ion Ratio Lower Upper

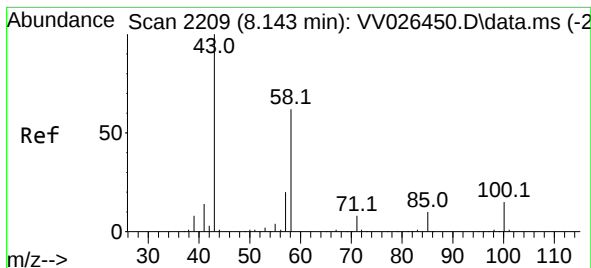
164 100

129 93.0 67.5 125.3

131 90.0 63.8 118.4

166 121.9 89.5 166.3





#48

2-Hexanone

Concen: 56.344 ug/L

RT: 8.143 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion: 43 Resp: 192332

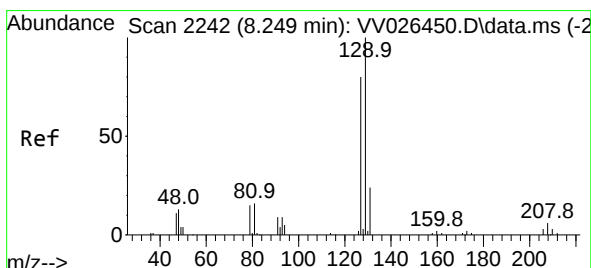
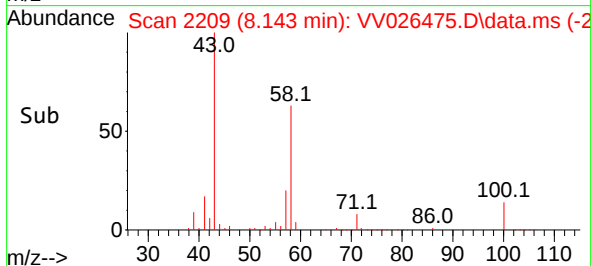
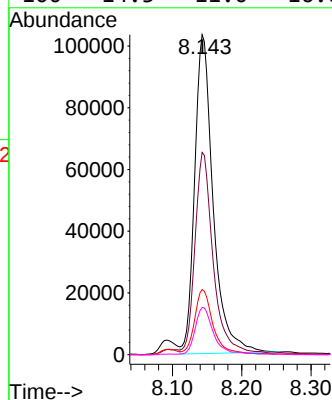
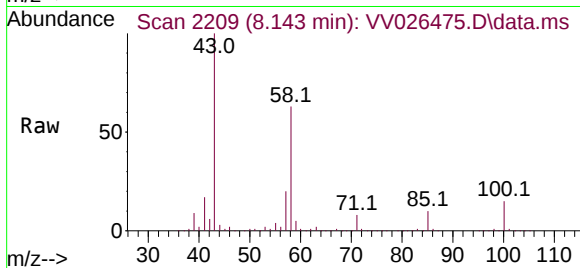
Ion Ratio Lower Upper

43 100

58 61.7 48.7 73.1

57 20.0 16.0 24.0

100 14.3 11.0 16.6



#49

Dibromochloromethane

Concen: 5.263 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV026475.D

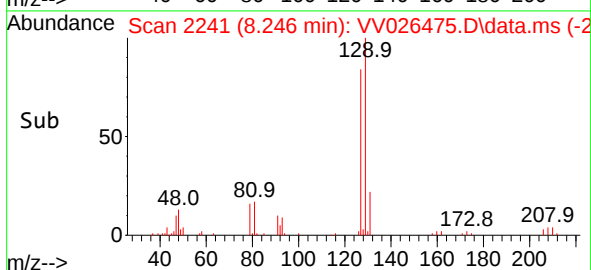
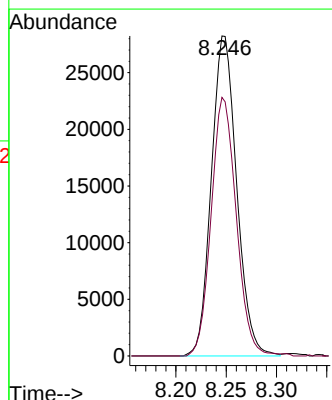
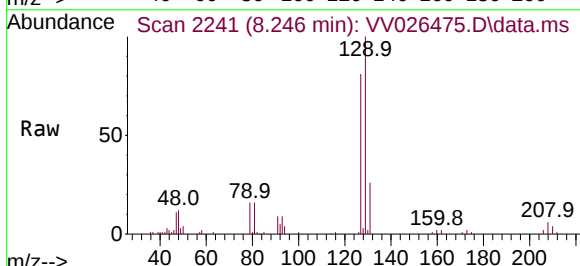
Acq: 21 Jun 2022 02:58

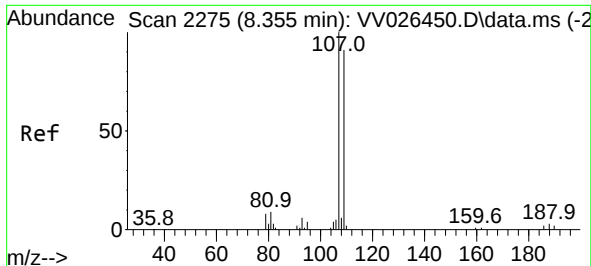
Tgt Ion:129 Resp: 49573

Ion Ratio Lower Upper

129 100

127 80.8 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.646 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

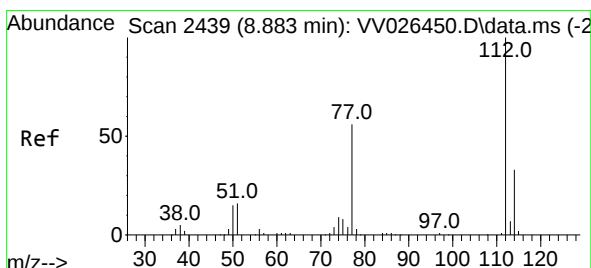
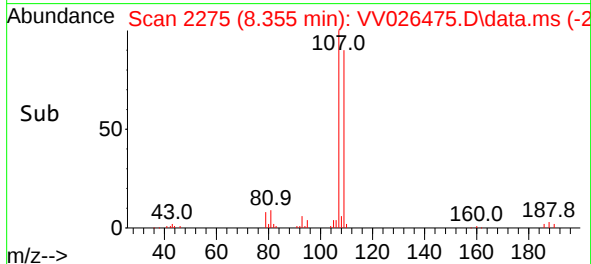
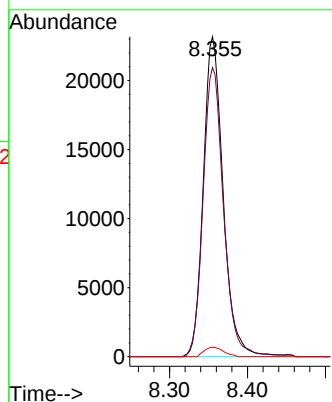
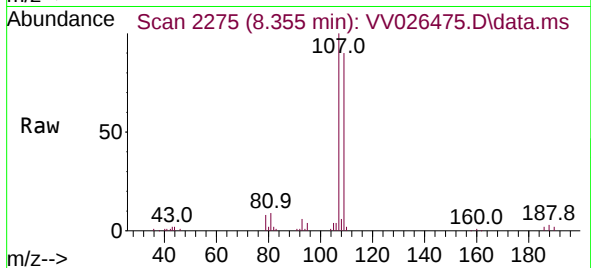
Tgt Ion:107 Resp: 40921

Ion Ratio Lower Upper

107 100

109 90.3 65.2 121.2

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.734 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

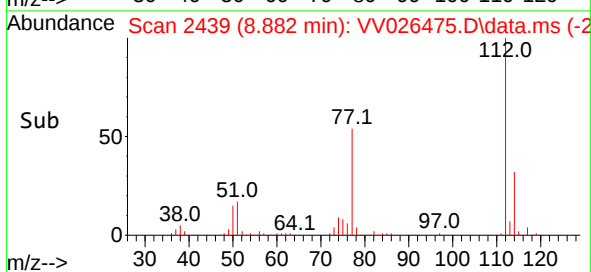
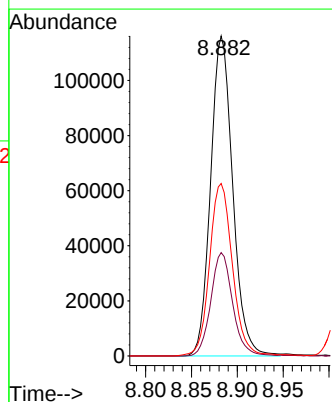
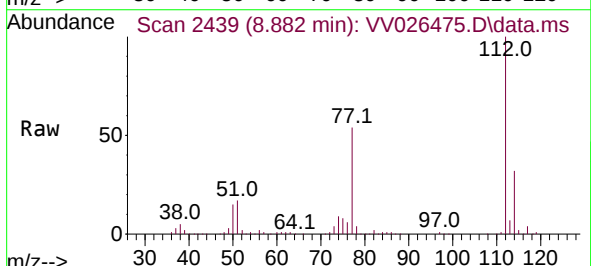
Tgt Ion:112 Resp: 195102

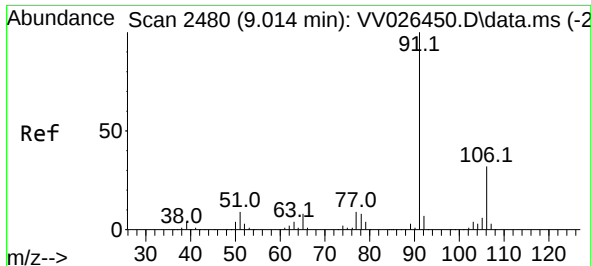
Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

77 53.9 44.5 66.7

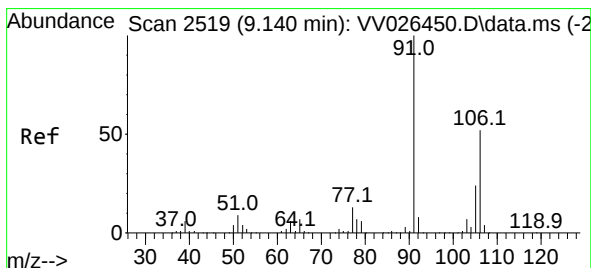
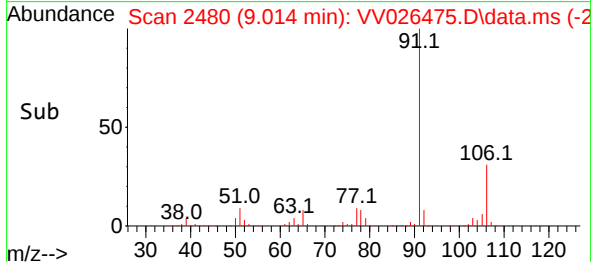
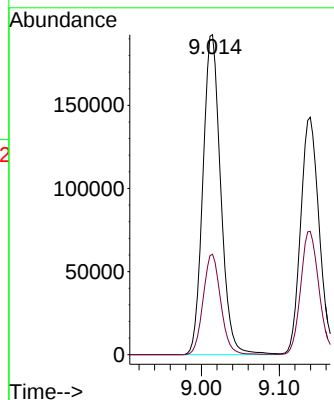
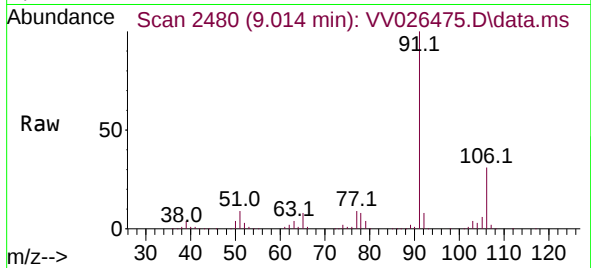




#52
Ethylbenzene
Concen: 5.850 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

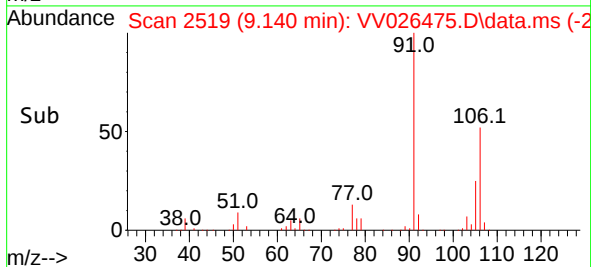
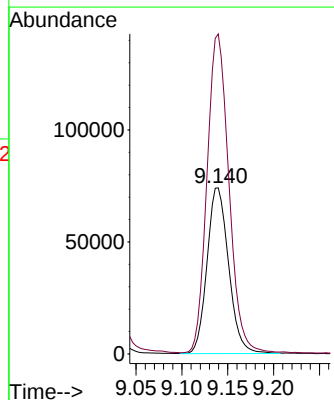
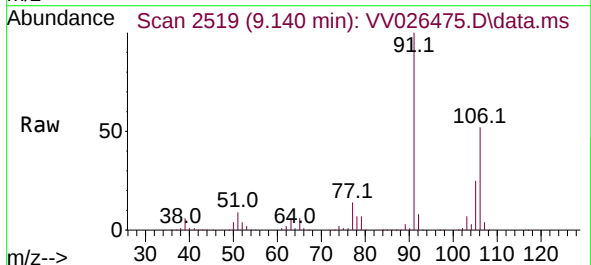
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

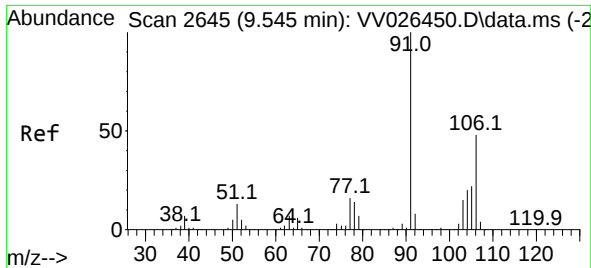
Tgt Ion: 91 Resp: 305562
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.0



#53
m,p-Xylene
Concen: 5.953 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 106 Resp: 121216
Ion Ratio Lower Upper
106 100
91 192.7 141.3 262.3

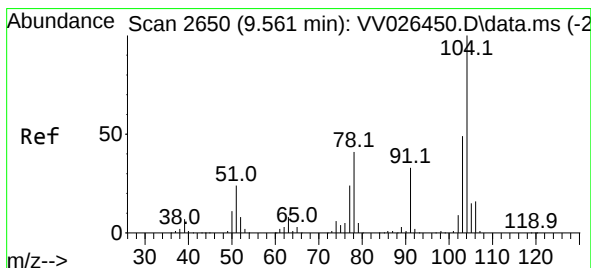
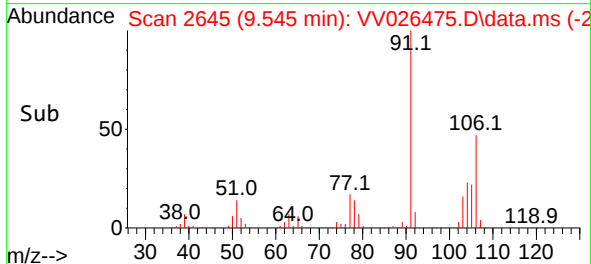
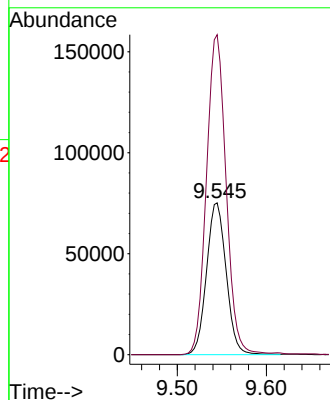
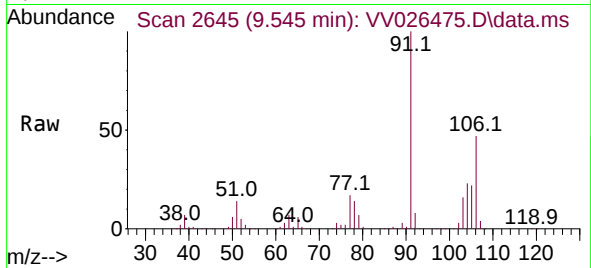




#54
o-Xylene
Concen: 5.836 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

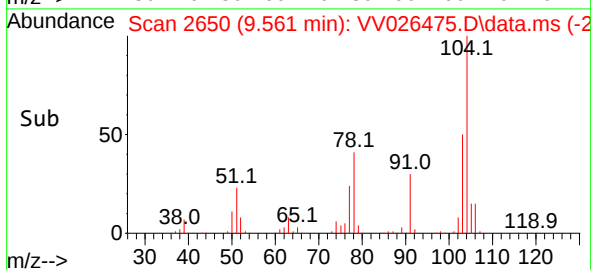
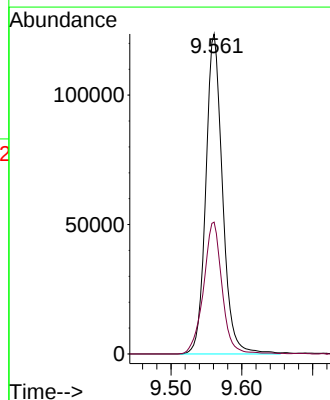
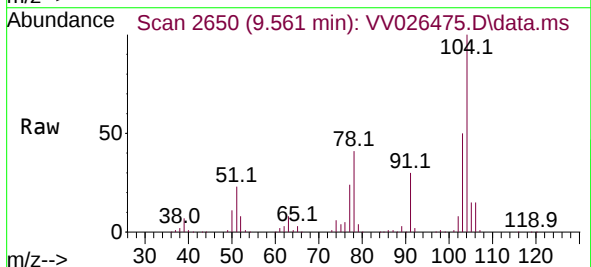
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

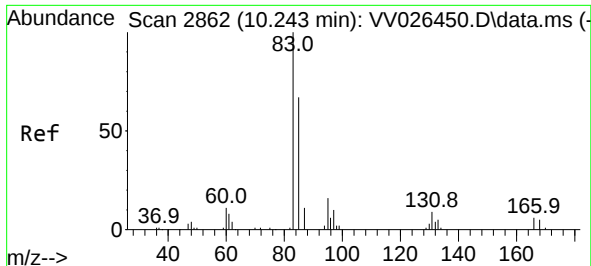
Tgt Ion:106 Resp: 115120
Ion Ratio Lower Upper
106 100
91 210.8 143.3 266.1



#55
Styrene
Concen: 6.118 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion:104 Resp: 202638
Ion Ratio Lower Upper
104 100
78 41.2 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.170 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

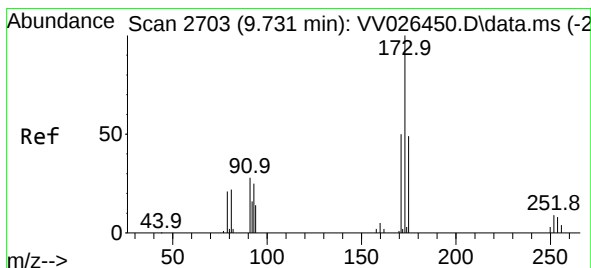
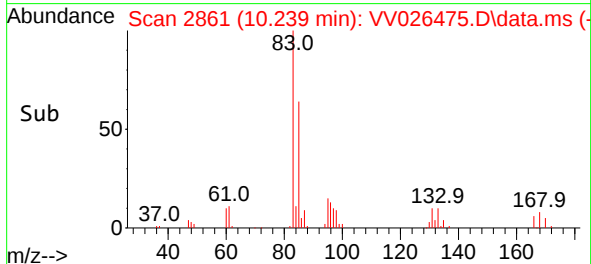
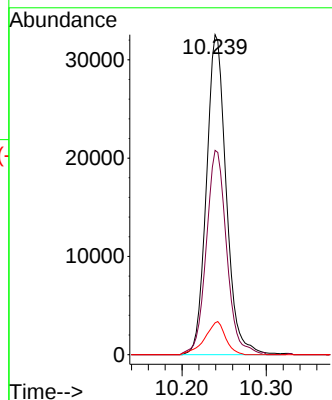
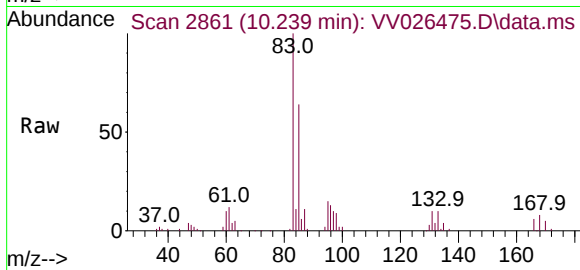
Tgt Ion: 83 Resp: 53233

Ion Ratio Lower Upper

83 100

85 63.8 47.1 87.5

131 10.0 7.7 11.5



#59

Bromoform

Concen: 4.829 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

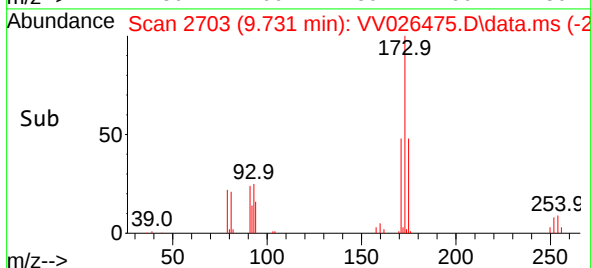
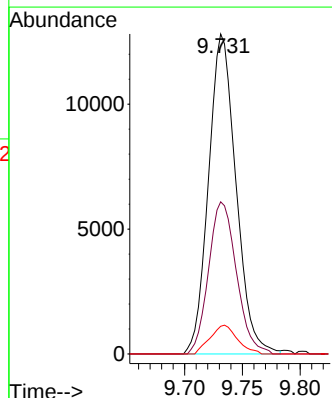
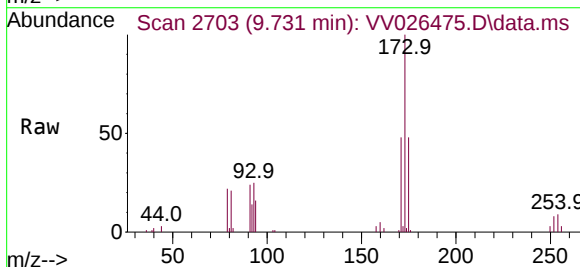
Tgt Ion: 173 Resp: 21170

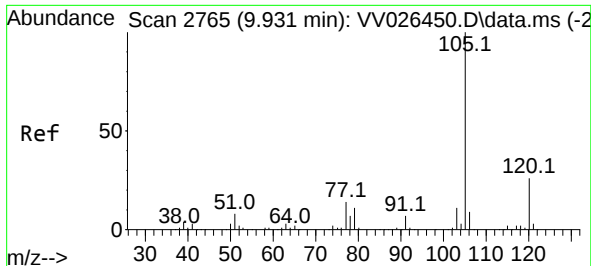
Ion Ratio Lower Upper

173 100

175 48.2 38.3 57.5

254 8.9 6.9 10.3

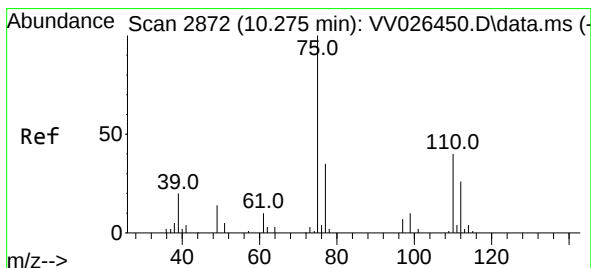
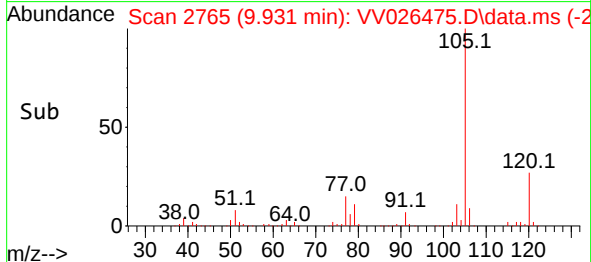
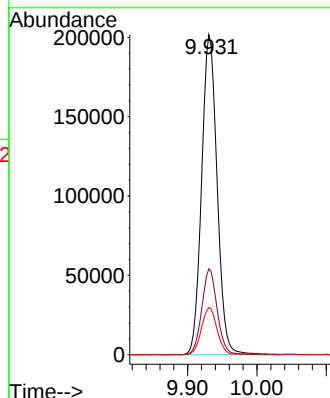
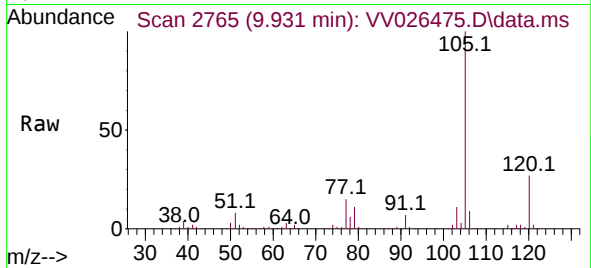




#60
Isopropylbenzene
Concen: 5.873 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

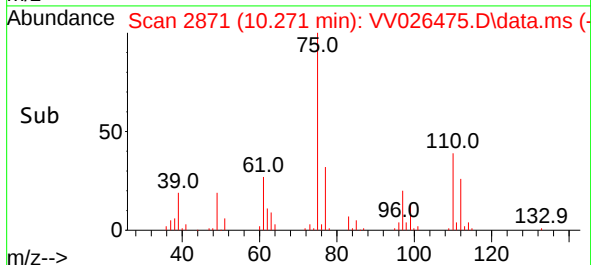
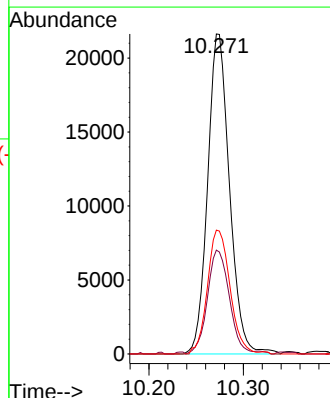
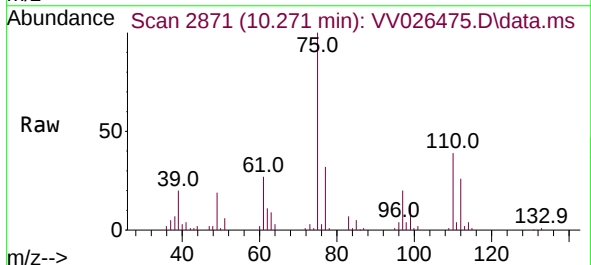
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

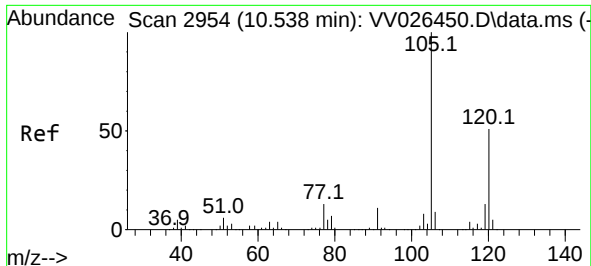
Tgt Ion:105 Resp: 312604
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.368 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 75 Resp: 34776
Ion Ratio Lower Upper
75 100
77 32.4 26.9 40.3
110 39.9 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.710 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

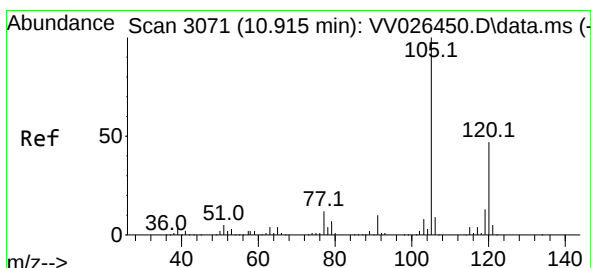
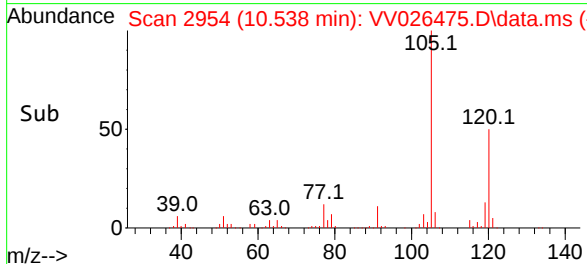
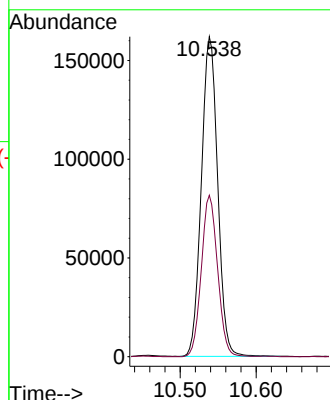
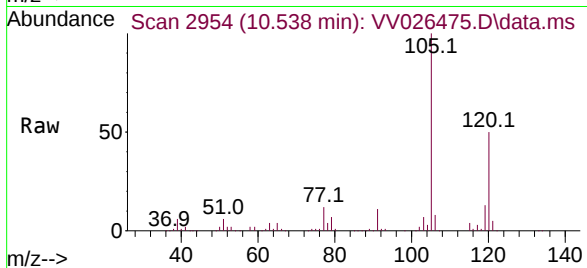
VSTD005330

Tgt Ion:105 Resp: 241147

Ion Ratio Lower Upper

105 100

120 50.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.884 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV026475.D

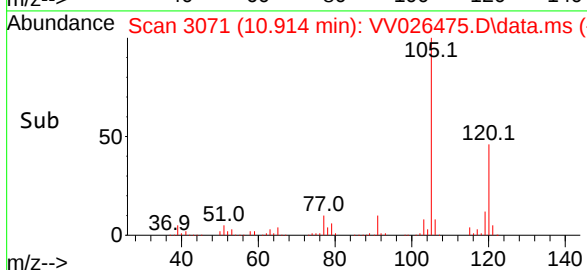
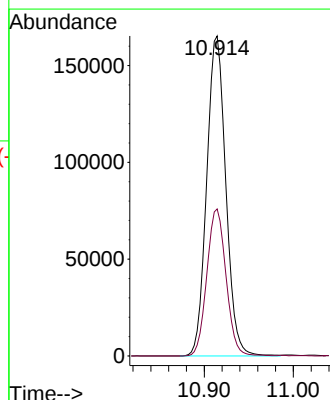
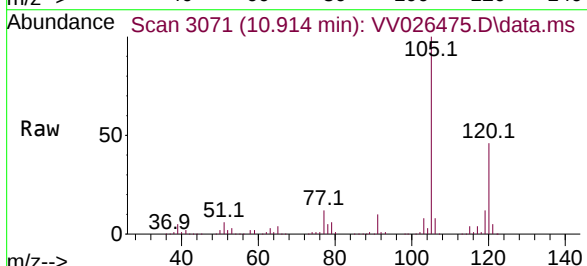
Acq: 21 Jun 2022 02:58

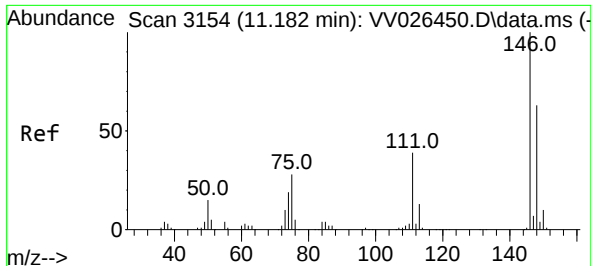
Tgt Ion:105 Resp: 245964

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3

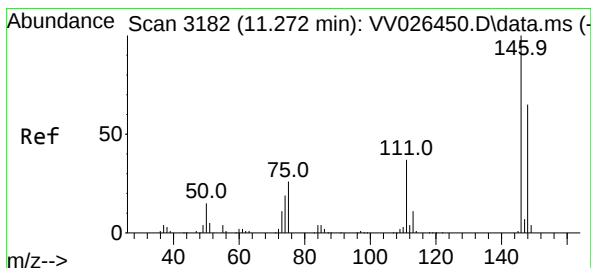
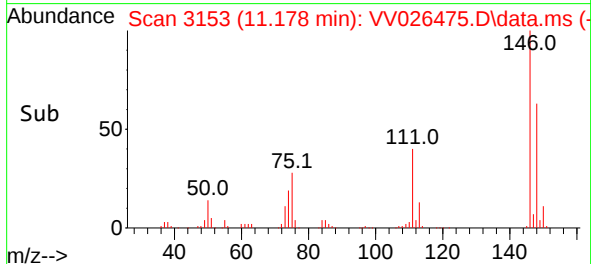
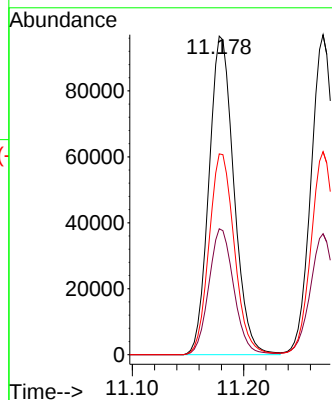
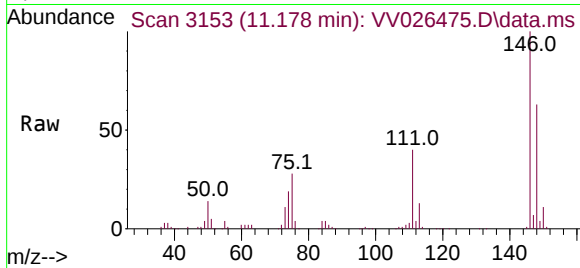




#64
1,3-Dichlorobenzene
Concen: 5.757 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

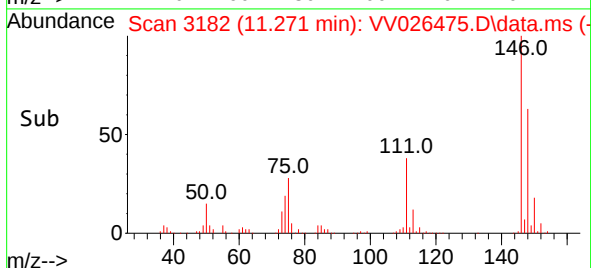
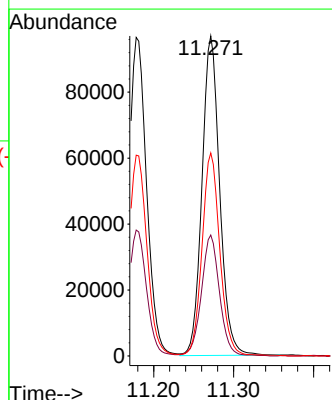
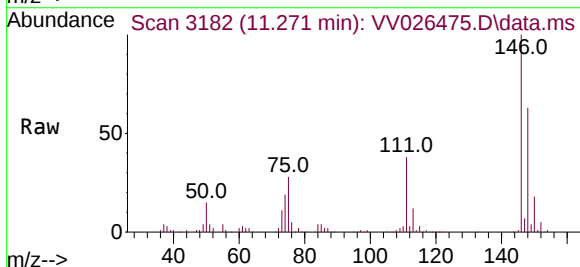
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

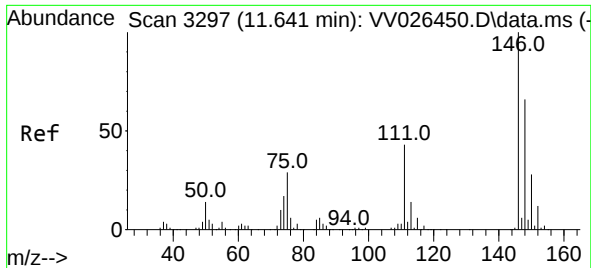
Tgt Ion:146 Resp: 150577
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 63.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.627 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion:146 Resp: 149550
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 63.4 43.3 80.3

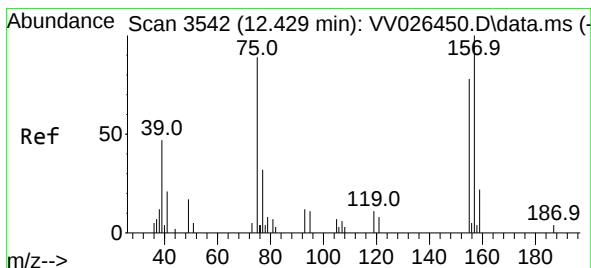
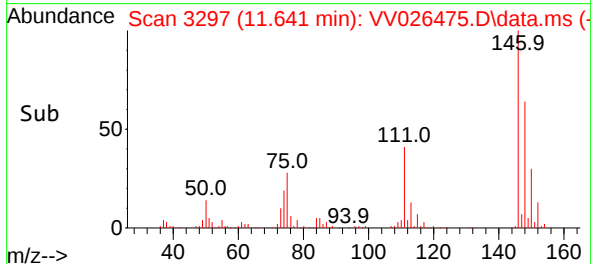
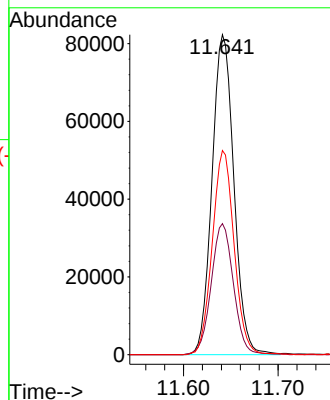
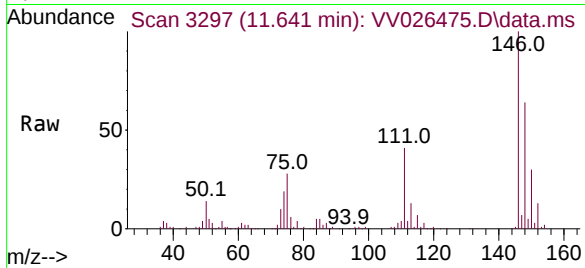




#67
1,2-Dichlorobenzene
Concen: 5.711 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

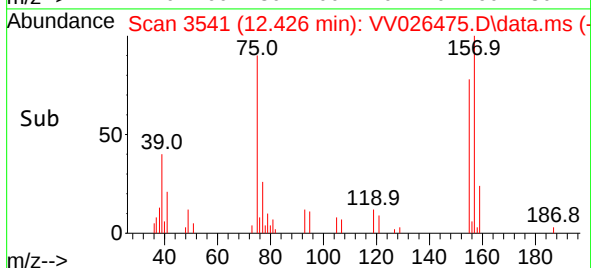
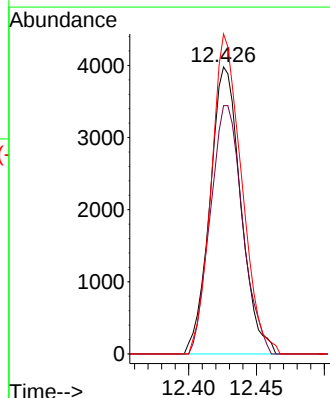
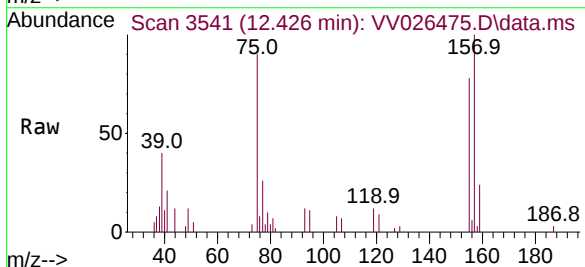
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

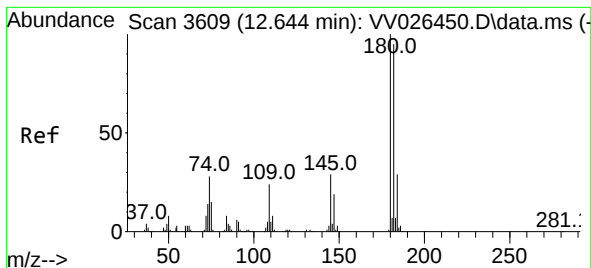
Tgt Ion:146 Resp: 132304
Ion Ratio Lower Upper
146 100
111 40.9 33.8 50.8
148 63.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.475 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026475.D
Acq: 21 Jun 2022 02:58

Tgt Ion: 75 Resp: 6283
Ion Ratio Lower Upper
75 100
155 86.5 63.7 95.5
157 111.5 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.474 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion:180 Resp: 103508

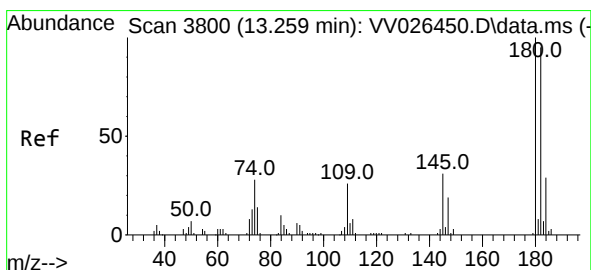
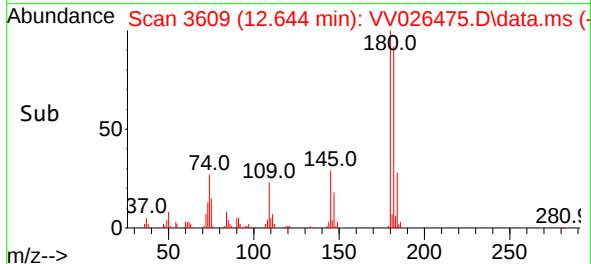
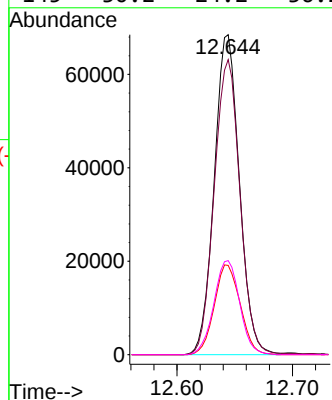
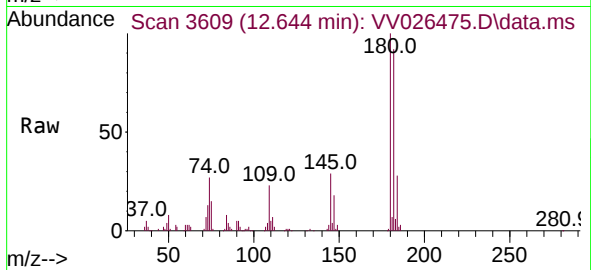
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

184 29.0 23.7 35.5

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.329 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

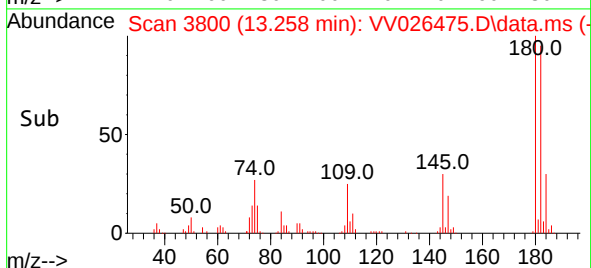
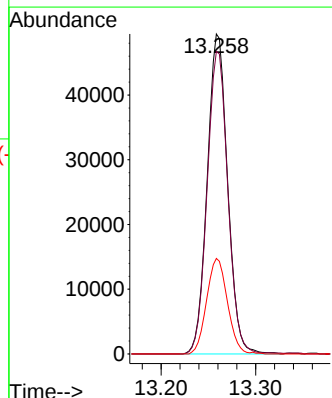
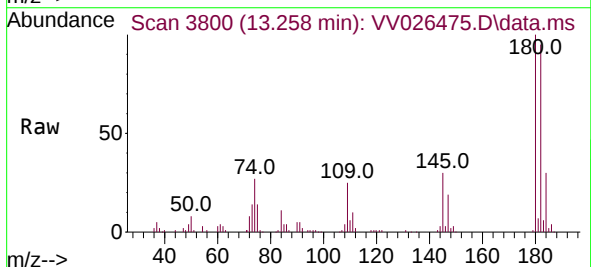
Tgt Ion:180 Resp: 74324

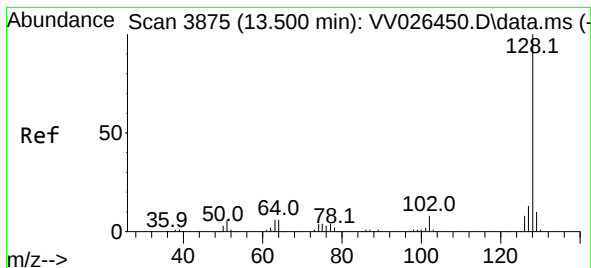
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 30.4 23.9 35.9





#71

Naphthalene

Concen: 5.137 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

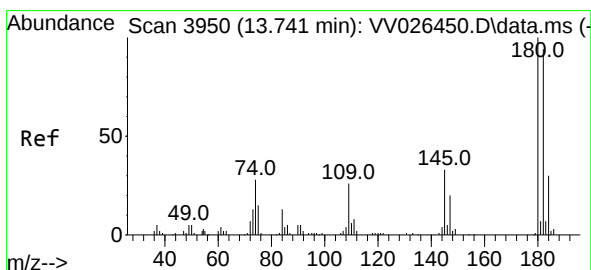
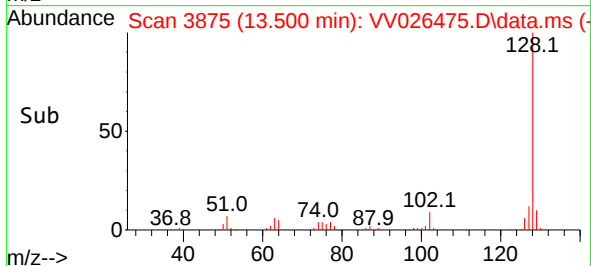
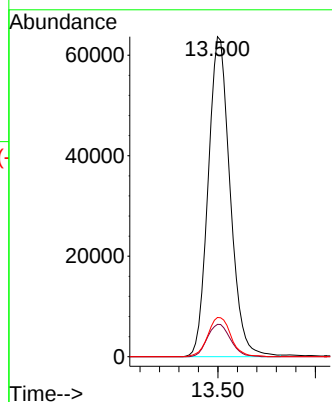
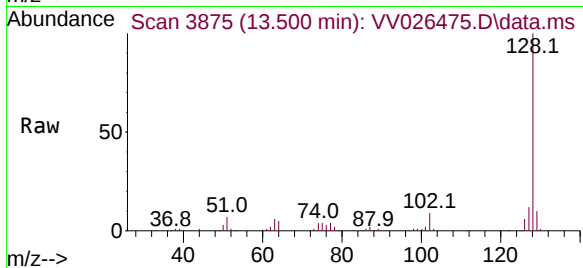
Tgt Ion:128 Resp: 99469

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.0 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.444 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026475.D

Acq: 21 Jun 2022 02:58

Tgt Ion:180 Resp: 63572

Ion Ratio Lower Upper

180 100

182 93.1 77.9 116.9

145 31.9 26.7 40.1

