

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026044.D
 Acq On : 09 Jun 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

Quant Time: Jun 09 05:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	191891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	177149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52849	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.581	69	56919	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.121	63	116705	4.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.918	46	93449	56.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.180%
24) Chloroform-d	4.362	84	117244	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.043	65	47958	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.060	84	215496	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.076	67	68129	5.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.320	98	188569	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.629	79	18152	4.656	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.092	63	86576	50.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45217	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	63438	4.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	76485	4.050	ug/L	98
3) Chloromethane	1.253	50	107796	5.097	ug/L	99
5) Vinyl chloride	1.323	62	102195	4.628	ug/L	99
6) Bromomethane	1.536	94	62444	4.878	ug/L	97
8) Chloroethane	1.597	64	66367	4.886	ug/L	98
9) Trichlorofluoromethane	1.764	101	116638	4.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	59256	3.695	ug/L	98
12) 1,1-Dichloroethene	2.130	96	67902	4.399	ug/L	100
13) Acetone	2.204	43	64365	48.442	ug/L	82
14) Carbon disulfide	2.307	76	183813	4.174	ug/L	99
15) Methyl Acetate	2.455	43	18052	4.157	ug/L #	68
16) Methylene chloride	2.519	84	75662	4.920	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	134021	5.348	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	64805	4.452	ug/L	97
19) 1,1-Dichloroethane	3.204	63	131721	4.975	ug/L	98
21) 2-Butanone	4.002	43	103493	59.796	ug/L	99
22) cis-1,2-Dichloroethene	3.925	96	70694	4.927	ug/L	98
23) Bromochloromethane	4.262	128	30324	5.028	ug/L	96
25) Chloroform	4.388	83	133930	4.928	ug/L	100

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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

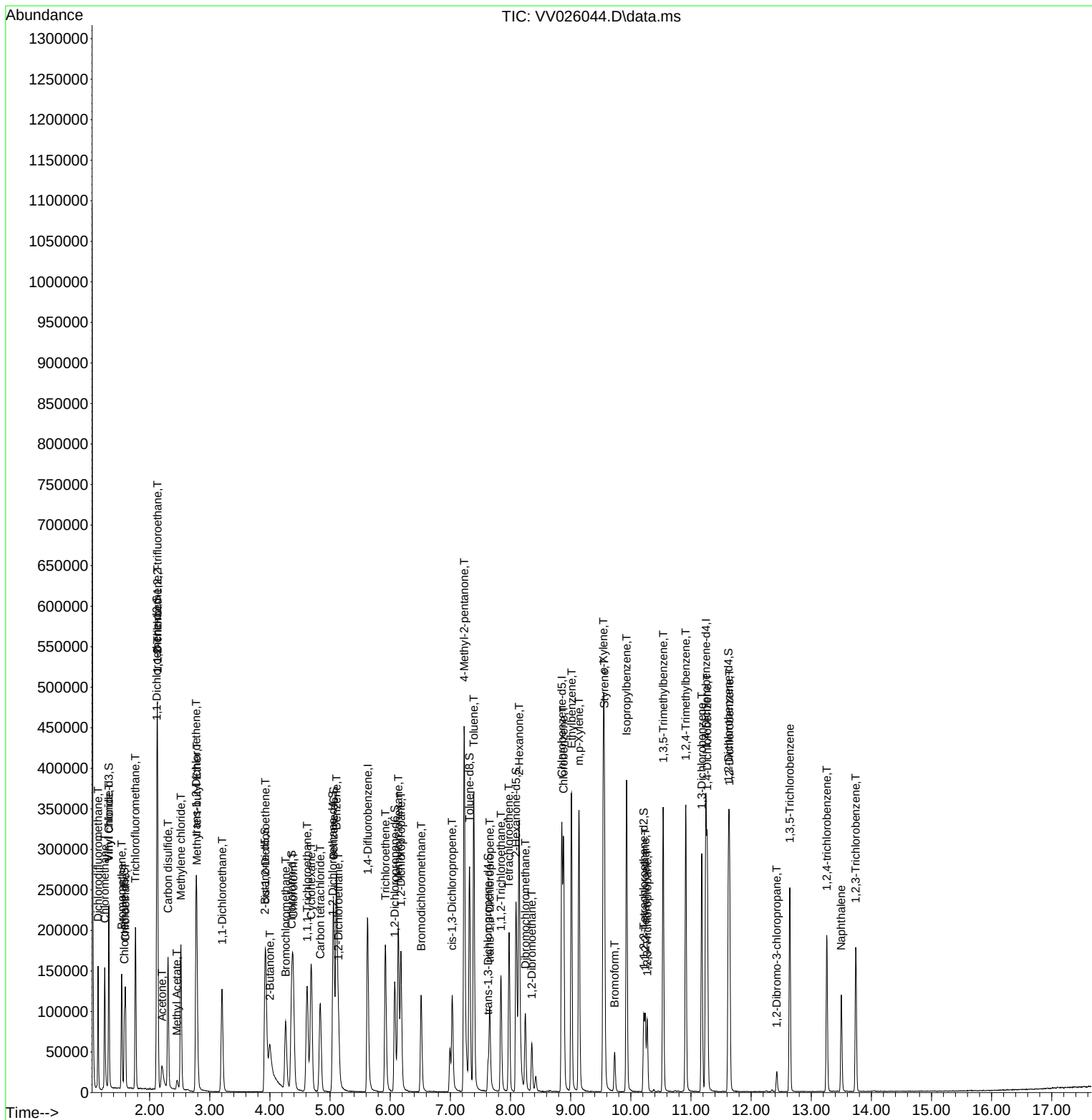
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

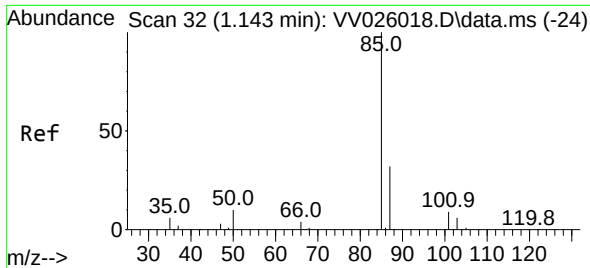
Quant Time: Jun 09 05:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 05:13:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	67410	5.016	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	104826	4.509	ug/L	99
30) Cyclohexane	4.687	56	79729	3.943	ug/L	99
31) Carbon tetrachloride	4.838	117	82475	4.320	ug/L	98
33) Benzene	5.108	78	276224	4.962	ug/L	100
34) Trichloroethene	5.921	95	65207	4.483	ug/L	99
35) Methylcyclohexane	6.137	83	79652	3.553	ug/L	99
37) 1,2-Dichloropropane	6.178	63	67969	5.038	ug/L	100
38) Bromodichloromethane	6.516	83	82192	5.043	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	73263	4.407	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	322399	58.495	ug/L	97
42) Toluene	7.391	91	274792	4.724	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	63323	4.862	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46549	5.313	ug/L	97
47) Tetrachloroethene	7.976	164	43879	3.897	ug/L	99
48) 2-Hexanone	8.143	43	222742	56.935	ug/L	99
49) Dibromochloromethane	8.246	129	47752	4.993	ug/L	99
50) 1,2-Dibromoethane	8.355	107	40737	5.225	ug/L	96
51) Chlorobenzene	8.883	112	167300	4.419	ug/L	99
52) Ethylbenzene	9.014	91	257496	4.224	ug/L	99
53) m,p-Xylene	9.140	106	99562	4.225	ug/L	99
54) o-Xylene	9.545	106	97515	4.353	ug/L	94
55) Styrene	9.561	104	172288	4.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	46567	4.964	ug/L	94
59) Bromoform	9.731	173	21377	5.258	ug/L	100
60) Isopropylbenzene	9.931	105	247477	4.297	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36307	5.368	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	186006	4.078	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	191335	4.213	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	117483	4.294	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	118242	4.244	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109689	4.533	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6222	5.176	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	74327	3.751	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	55414	3.752	ug/L	97
71) Naphthalene	13.500	128	92804	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50447	4.035	ug/L	97

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

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QLast Update : Thu Jun 09 05:13:00 2022
Response via : Initial Calibration

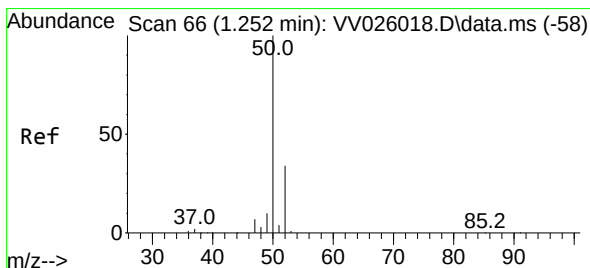
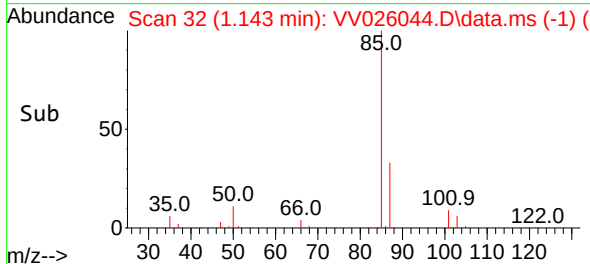
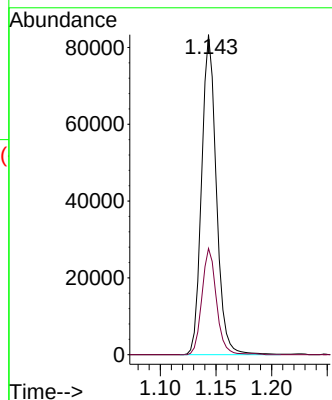
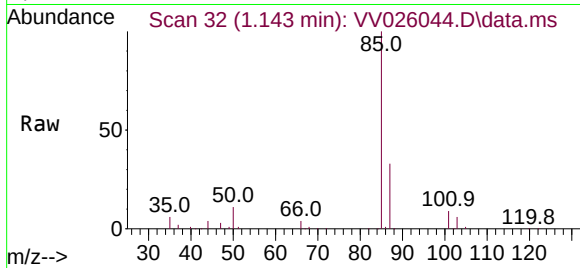




#2
 Dichlorodifluoromethane
 Concen: 4.050 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

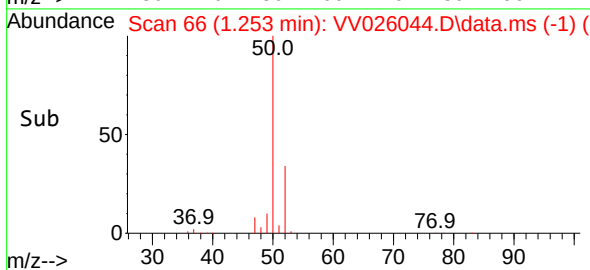
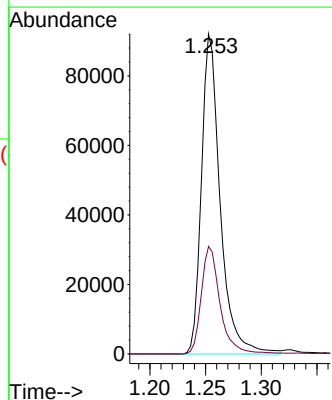
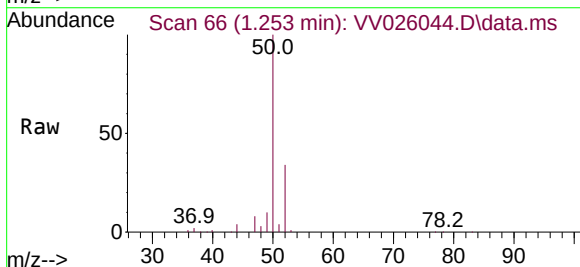
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

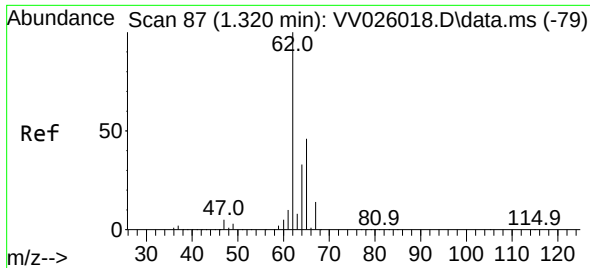
Tgt Ion: 85 Resp: 76485
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.3 37.9



#3
 Chloromethane
 Concen: 5.097 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

Tgt Ion: 50 Resp: 107796
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.6

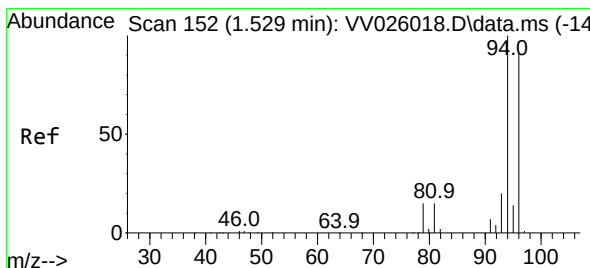
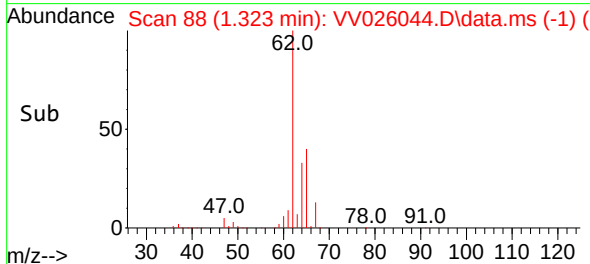
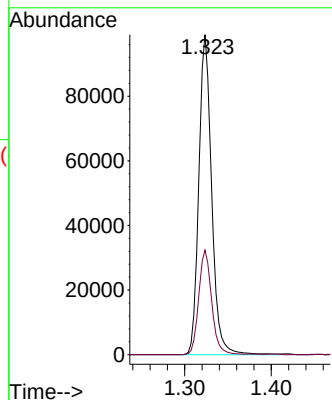
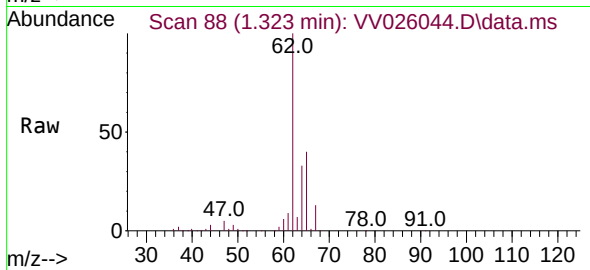




#5
 Vinyl chloride
 Concen: 4.628 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

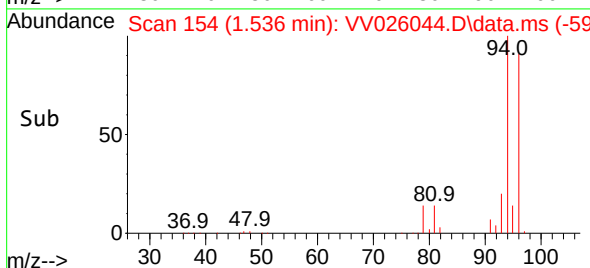
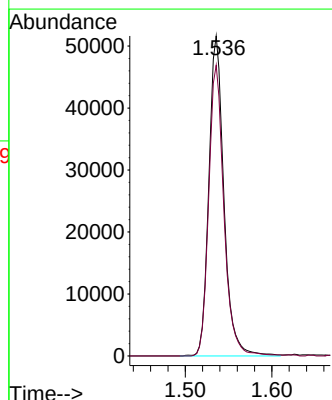
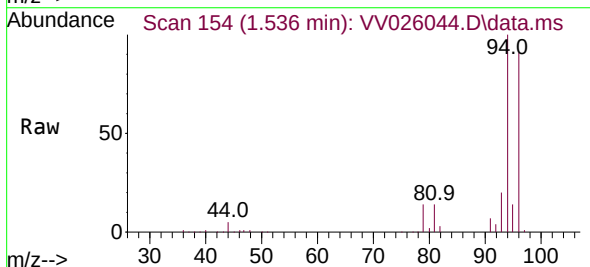
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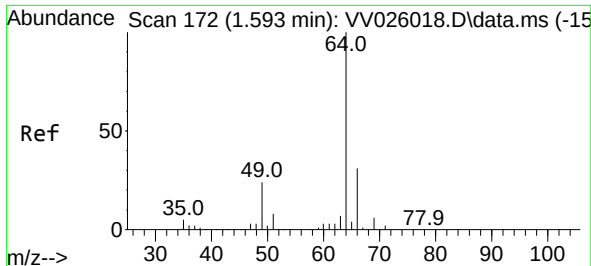
Tgt Ion: 62 Resp: 102195
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.878 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.007 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

Tgt Ion: 94 Resp: 62444
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.5 121.6

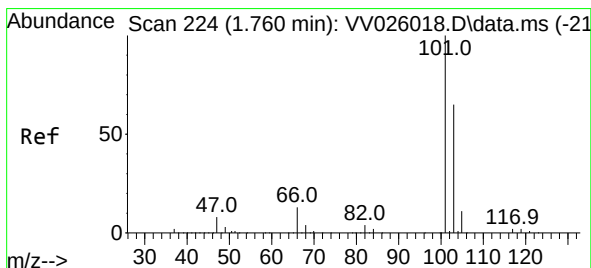
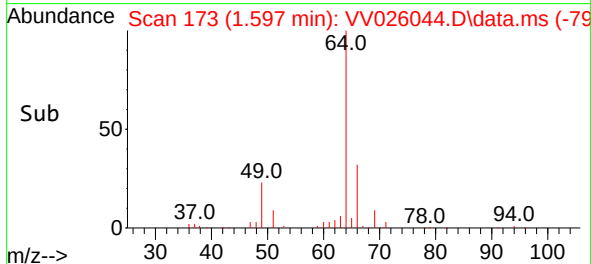
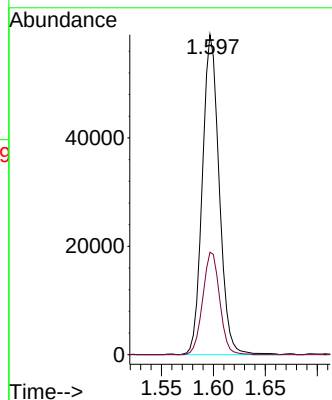
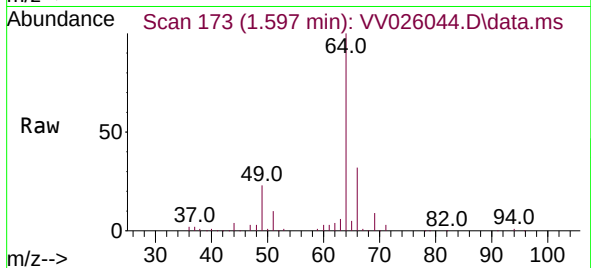




#8
Chloroethane
Concen: 4.886 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

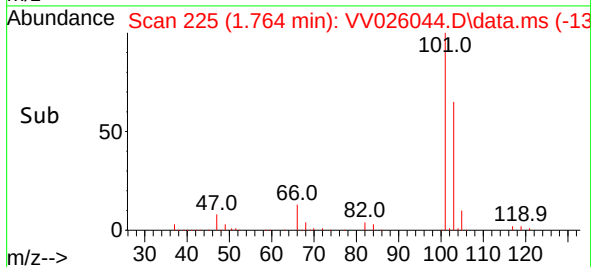
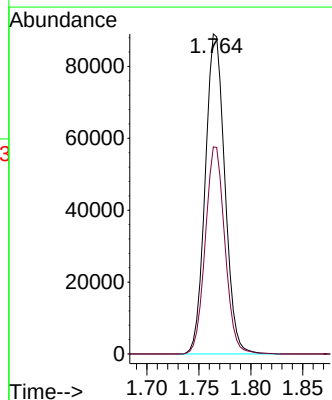
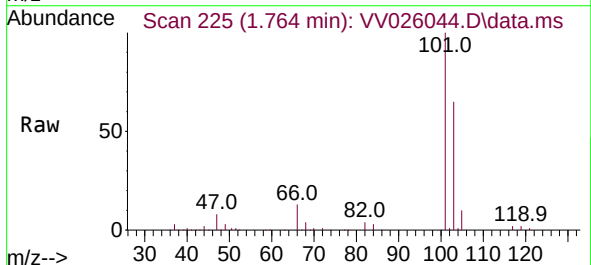
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ClientSampleId :
VSTD005299

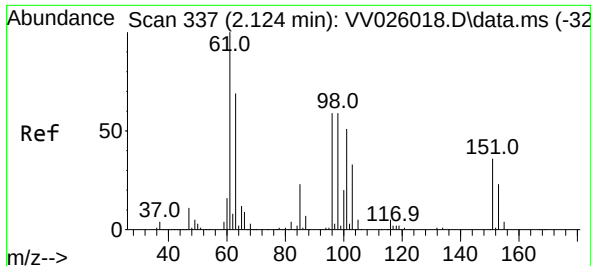
Tgt Ion: 64 Resp: 66367
Ion Ratio Lower Upper
64 100
66 32.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.143 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion:101 Resp: 116638
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.695 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.007 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

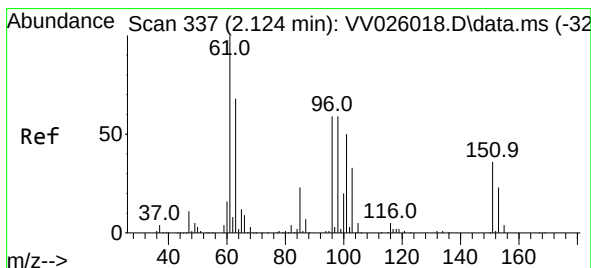
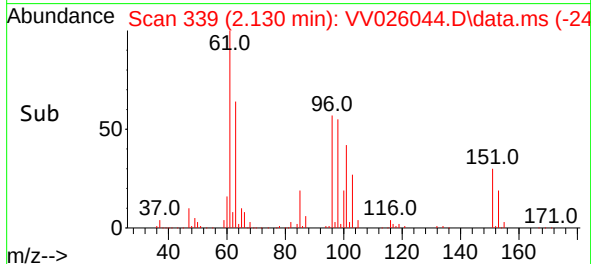
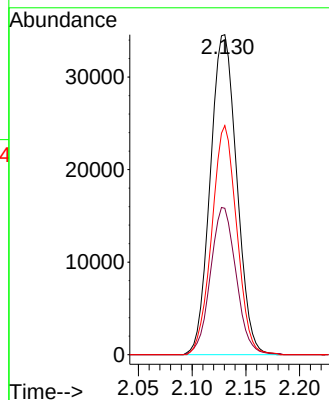
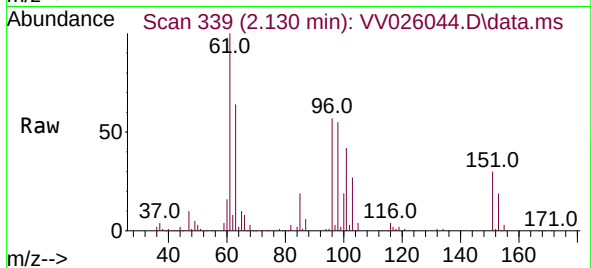
Tgt Ion:101 Resp: 59256

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

151 67.6 56.4 84.6



#12

1,1-Dichloroethene

Concen: 4.399 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.007 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

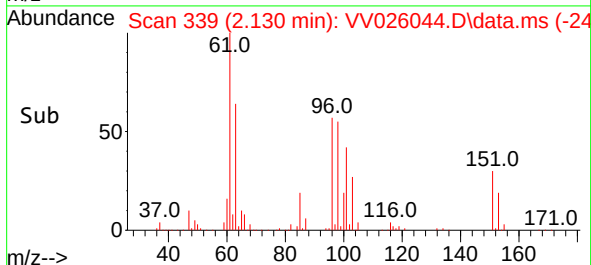
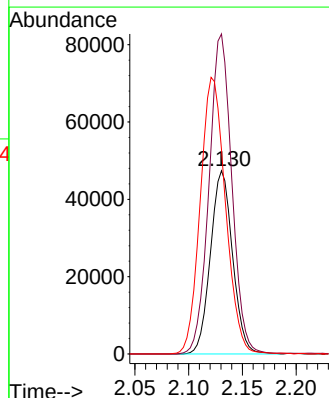
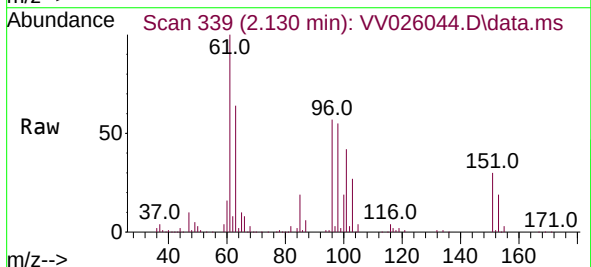
Tgt Ion: 96 Resp: 67902

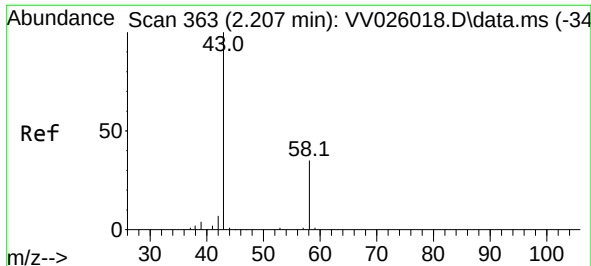
Ion Ratio Lower Upper

96 100

61 174.6 122.6 227.6

63 111.6 78.5 145.9





#13

Acetone

Concen: 48.442 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

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ClientSampleId :

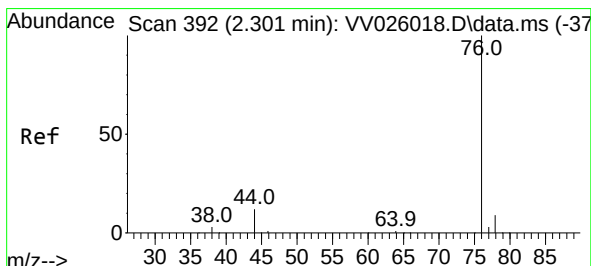
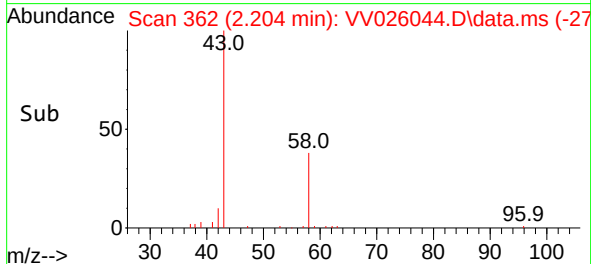
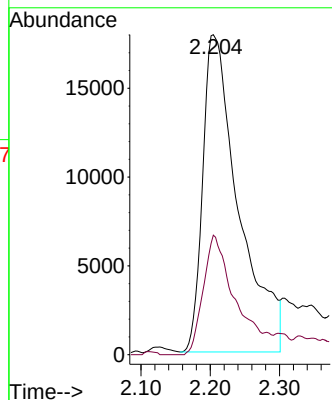
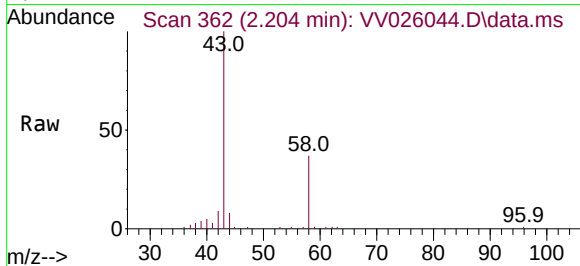
VSTD005299

Tgt Ion: 43 Resp: 64365

Ion Ratio Lower Upper

43 100

58 32.6 0.0 47.6



#14

Carbon disulfide

Concen: 4.174 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.007 min

Lab File: VV026044.D

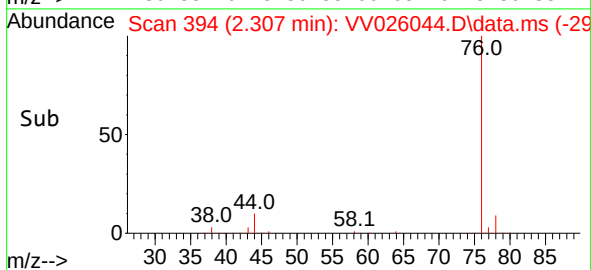
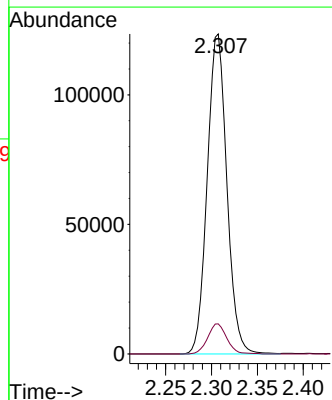
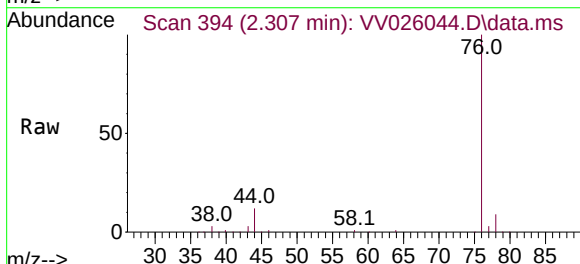
Acq: 09 Jun 2022 00:37

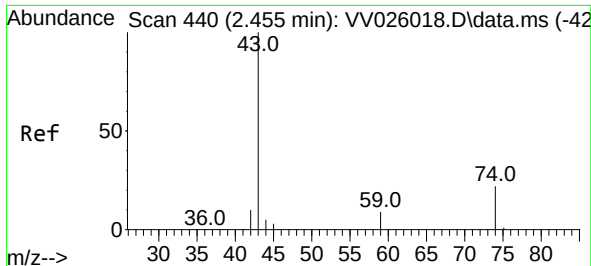
Tgt Ion: 76 Resp: 183813

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

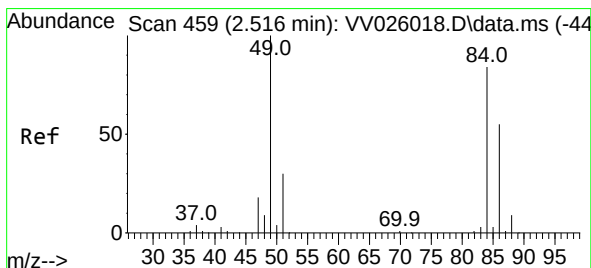
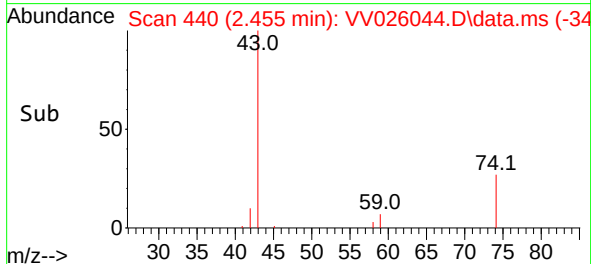
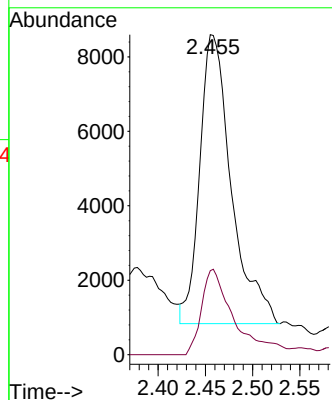
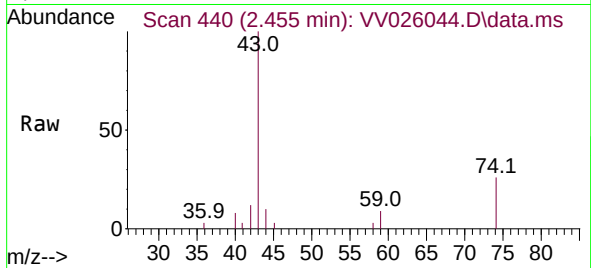




#15
Methyl Acetate
Concen: 4.157 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

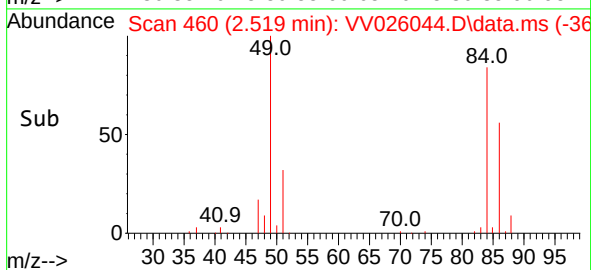
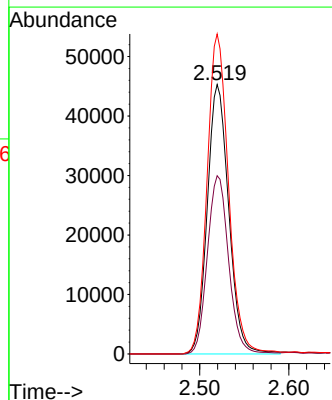
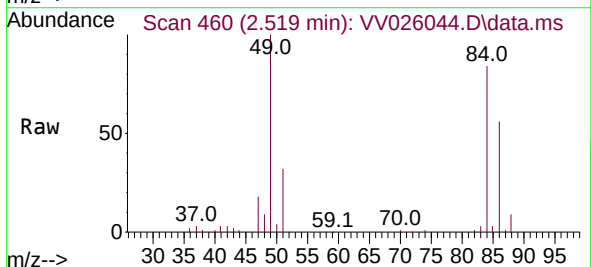
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

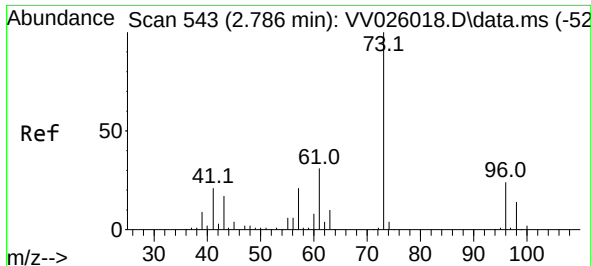
Tgt Ion: 43 Resp: 18052
Ion Ratio Lower Upper
43 100
74 30.4 13.3 19.9#



#16
Methylene chloride
Concen: 4.920 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 84 Resp: 75662
Ion Ratio Lower Upper
84 100
86 66.1 45.6 84.6
49 118.8 82.9 153.9

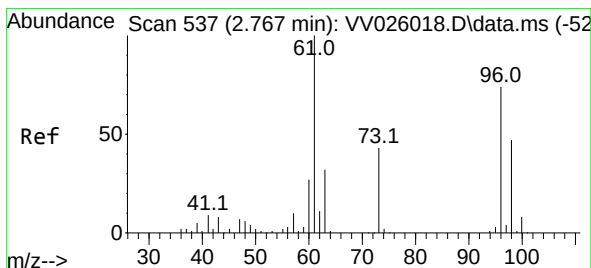
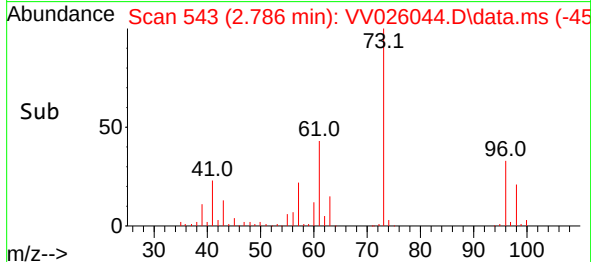
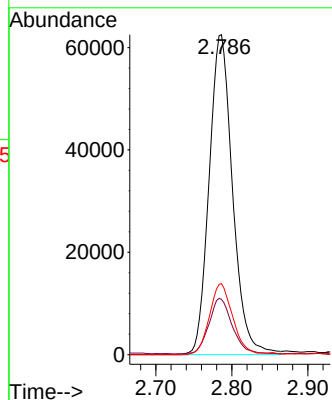
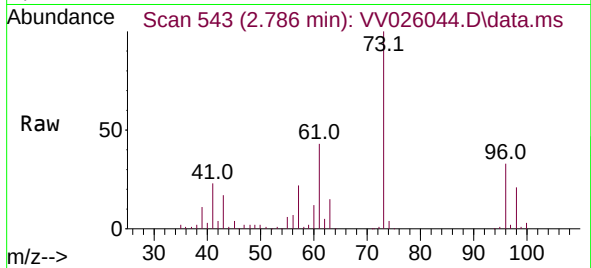




#17
Methyl tert-butyl Ether
Concen: 5.348 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

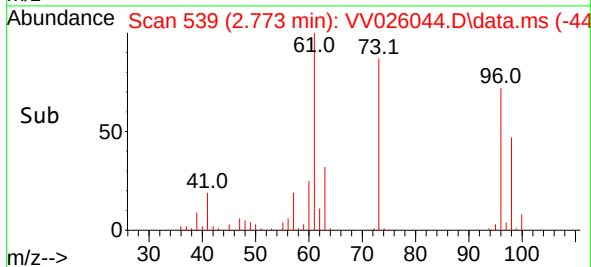
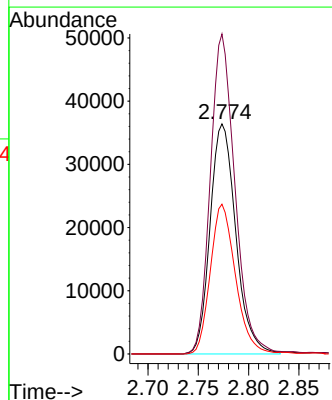
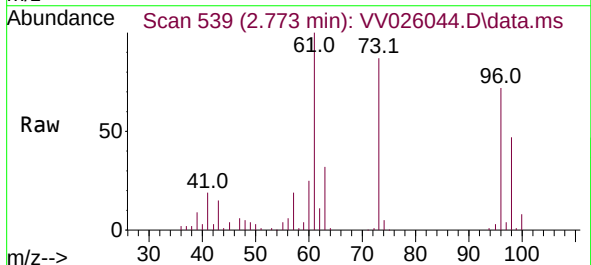
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

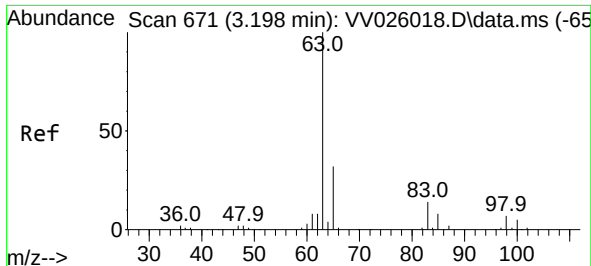
Tgt Ion: 73 Resp: 134021
Ion Ratio Lower Upper
73 100
43 17.3 13.7 20.5
57 22.0 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.452 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 96 Resp: 64805
Ion Ratio Lower Upper
96 100
61 139.1 94.3 175.1
98 65.1 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.975 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

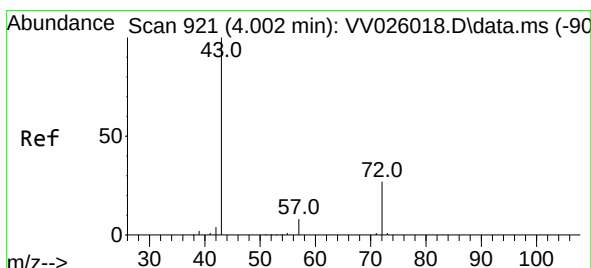
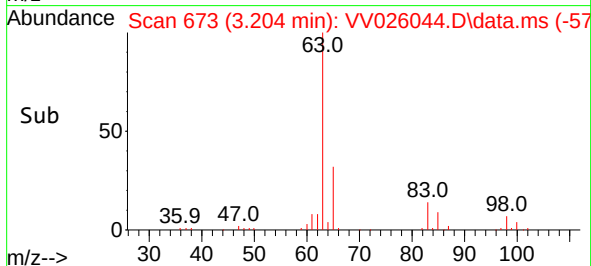
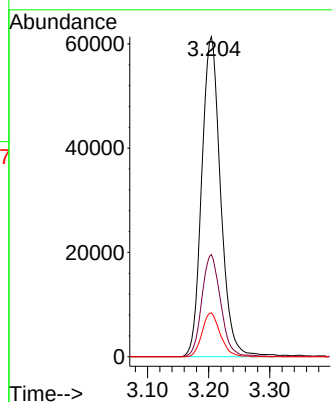
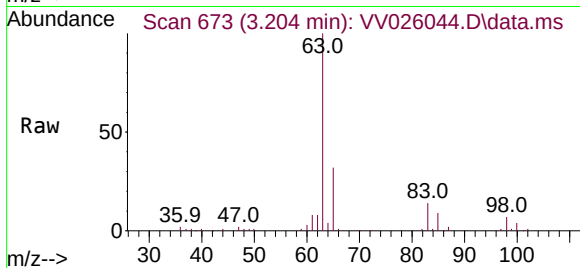
Tgt Ion: 63 Resp: 131721

Ion Ratio Lower Upper

63 100

65 31.9 23.1 42.9

83 13.7 9.7 18.1



#21

2-Butanone

Concen: 59.796 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.000 min

Lab File: VV026044.D

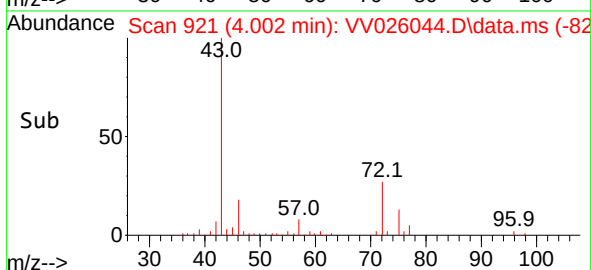
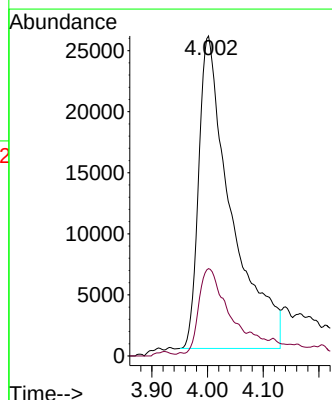
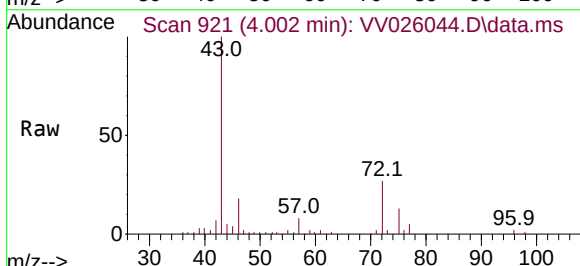
Acq: 09 Jun 2022 00:37

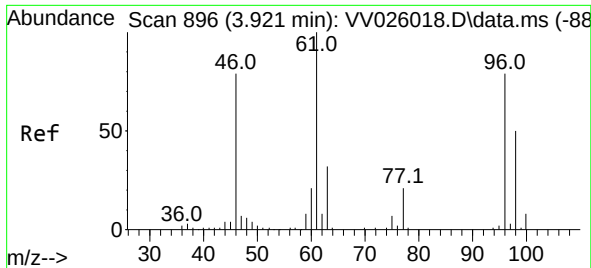
Tgt Ion: 43 Resp: 103493

Ion Ratio Lower Upper

43 100

72 23.3 11.9 35.7

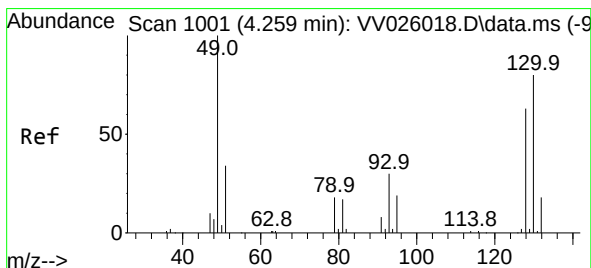
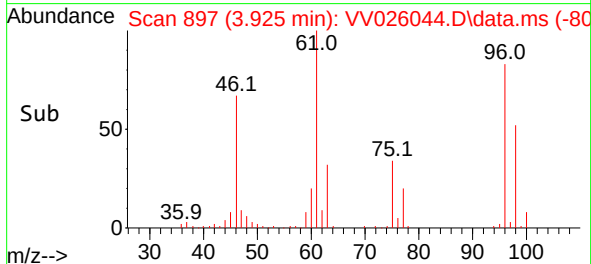
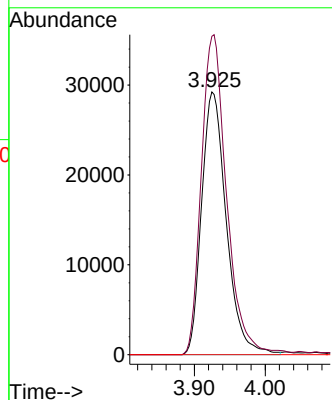
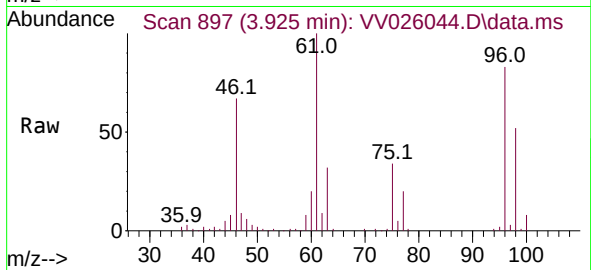




#22
cis-1,2-Dichloroethene
Concen: 4.927 ug/L
RT: 3.925 min Scan# 896
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

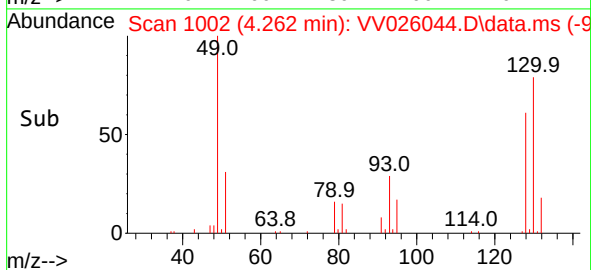
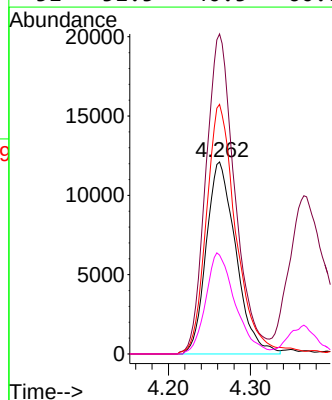
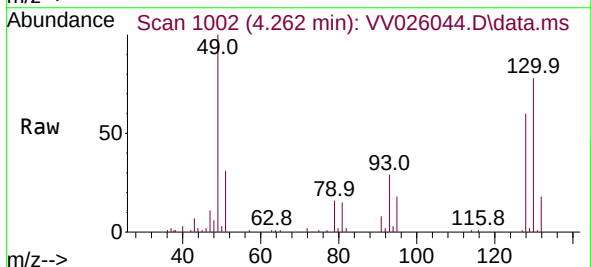
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

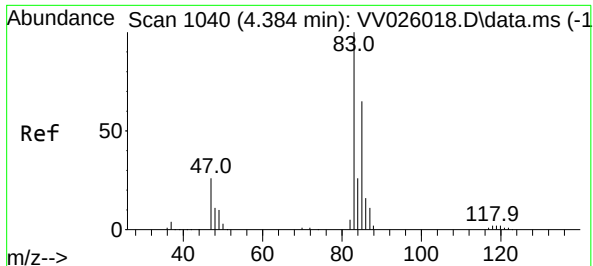
Tgt Ion: 96 Resp: 70694
Ion Ratio Lower Upper
96 100
61 121.1 83.1 154.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.028 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 128 Resp: 30324
Ion Ratio Lower Upper
128 100
49 166.7 112.8 209.4
130 130.0 87.4 162.4
51 51.5 40.5 60.7





#25

Chloroform

Concen: 4.928 ug/L

RT: 4.388 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

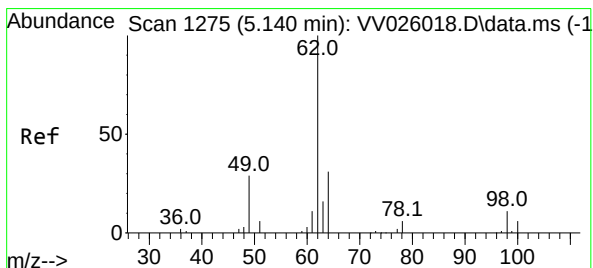
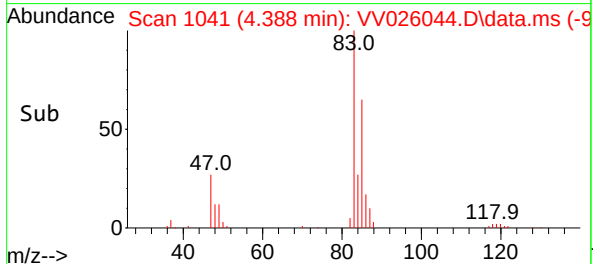
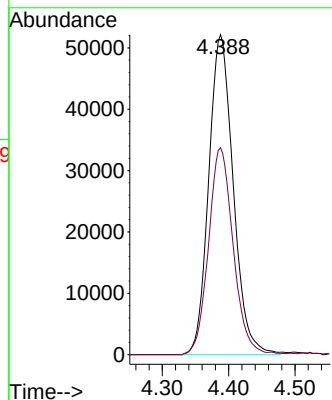
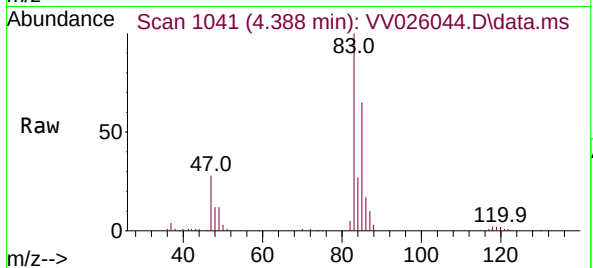
VSTD005299

Tgt Ion: 83 Resp: 133930

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.016 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VV026044.D

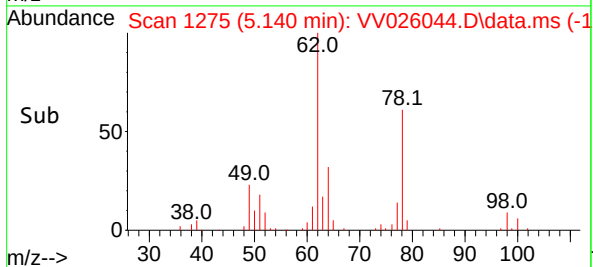
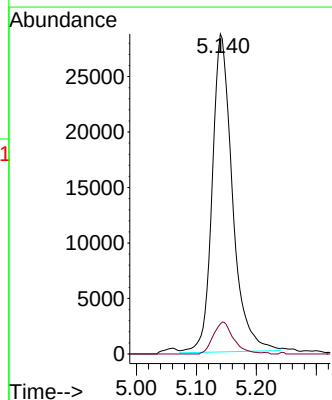
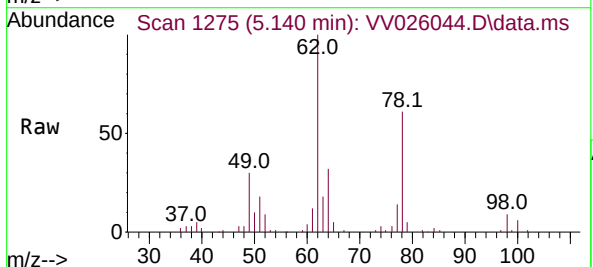
Acq: 09 Jun 2022 00:37

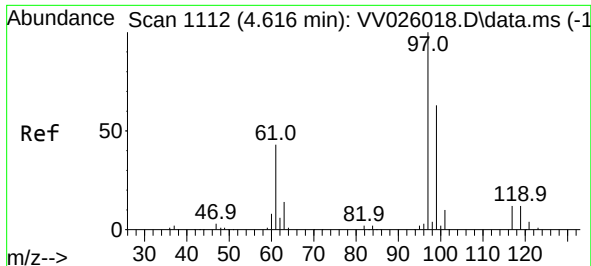
Tgt Ion: 62 Resp: 67410

Ion Ratio Lower Upper

62 100

98 9.4 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.509 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

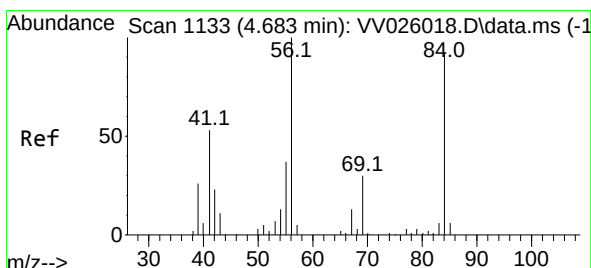
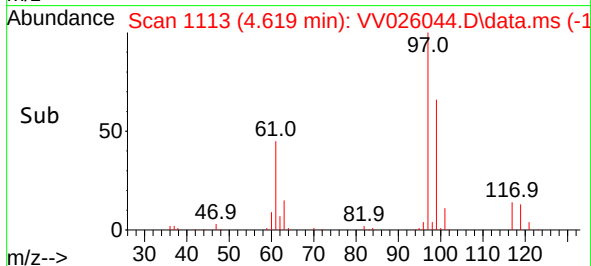
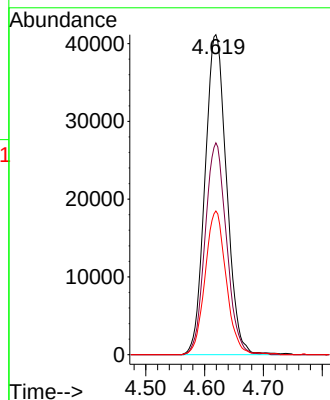
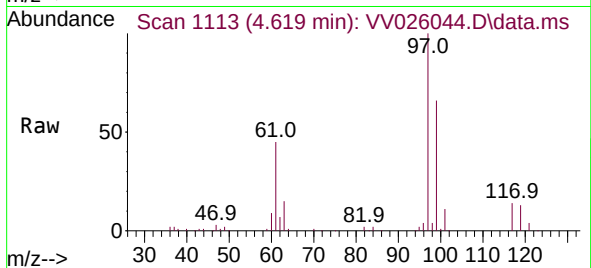
Tgt Ion: 97 Resp: 104826

Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.0

61 43.7 34.9 52.3



#30

Cyclohexane

Concen: 3.943 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

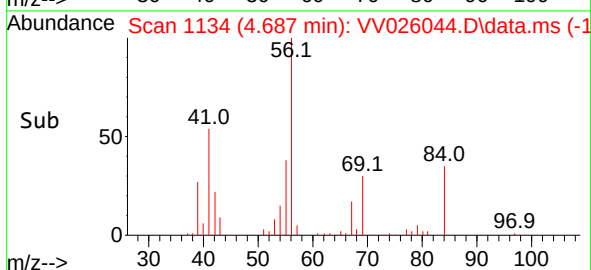
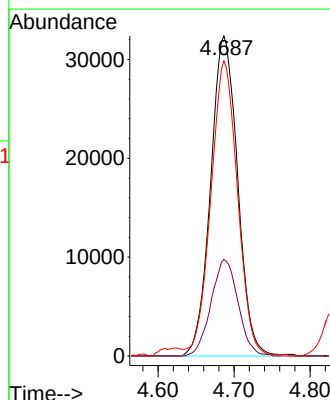
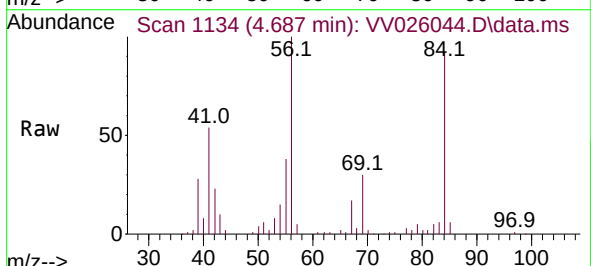
Tgt Ion: 56 Resp: 79729

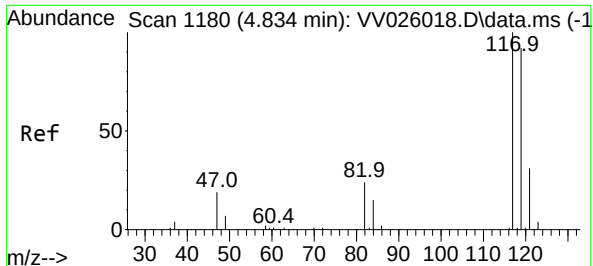
Ion Ratio Lower Upper

56 100

69 30.3 25.1 37.7

84 91.5 72.2 108.4

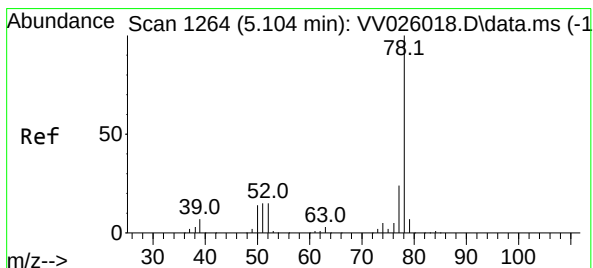
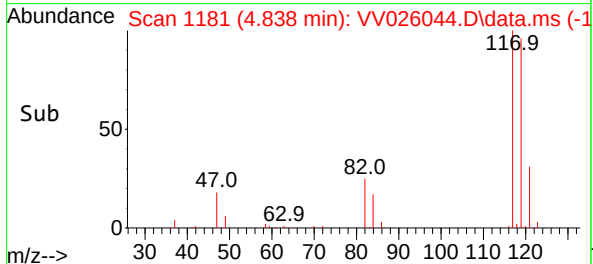
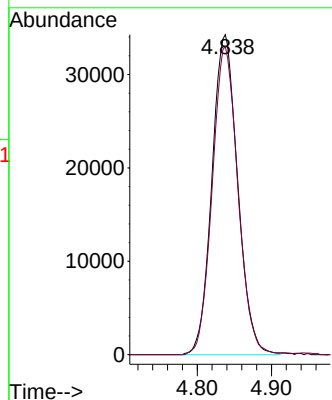
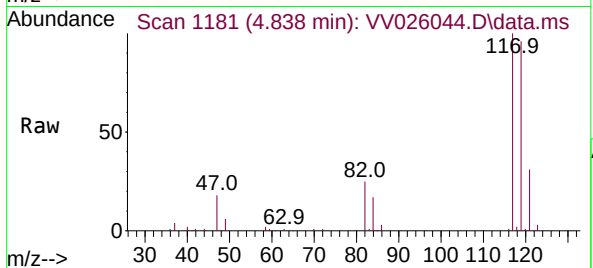




#31
Carbon tetrachloride
Concen: 4.320 ug/L
RT: 4.838 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

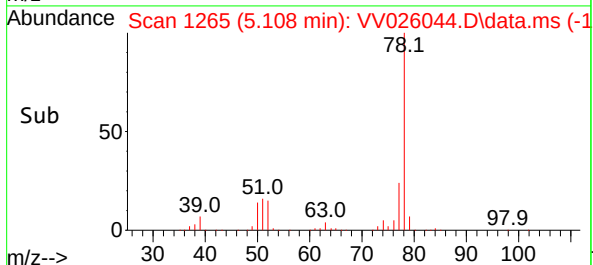
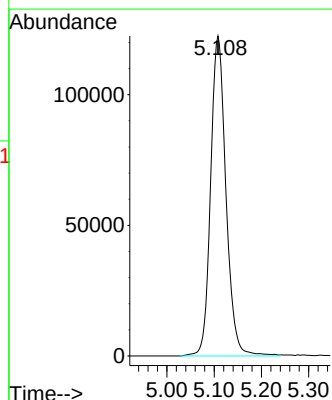
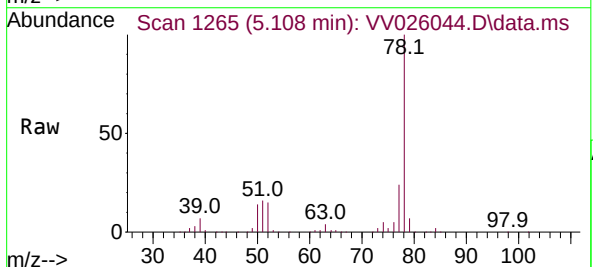
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

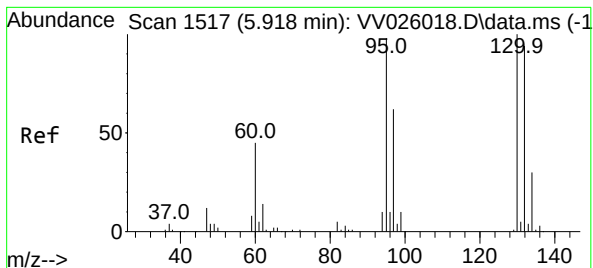
Tgt Ion:117 Resp: 82475
Ion Ratio Lower Upper
117 100
119 96.2 78.7 118.1



#33
Benzene
Concen: 4.962 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 78 Resp: 276224





#34

Trichloroethene

Concen: 4.483 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

Tgt Ion: 95 Resp: 65207

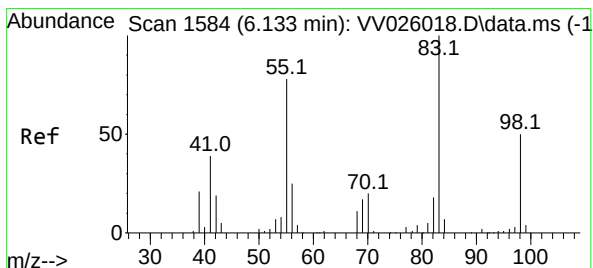
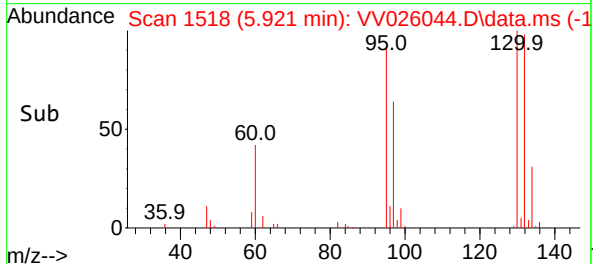
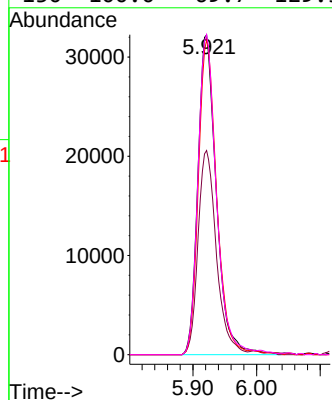
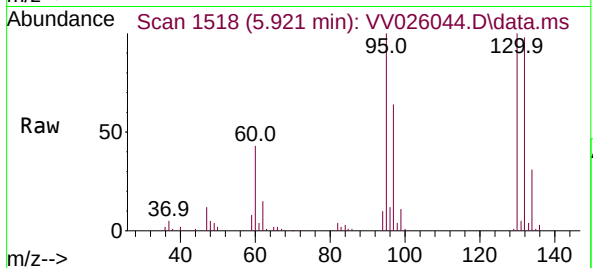
Ion Ratio Lower Upper

95 100

97 63.8 44.0 81.6

132 98.4 67.5 125.4

130 100.0 69.7 129.5



#35

Methylcyclohexane

Concen: 3.553 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

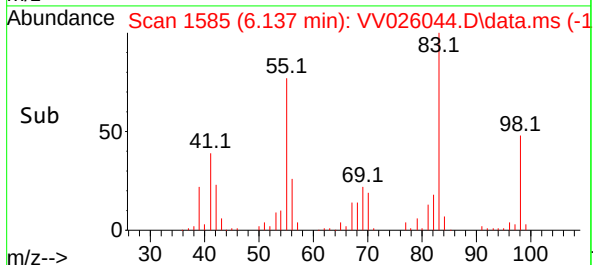
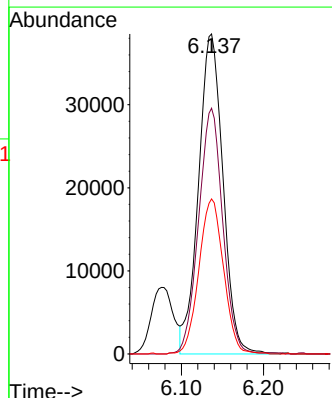
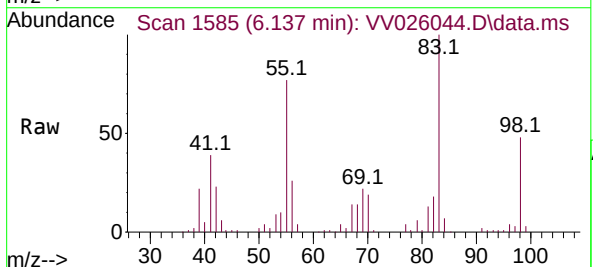
Tgt Ion: 83 Resp: 79652

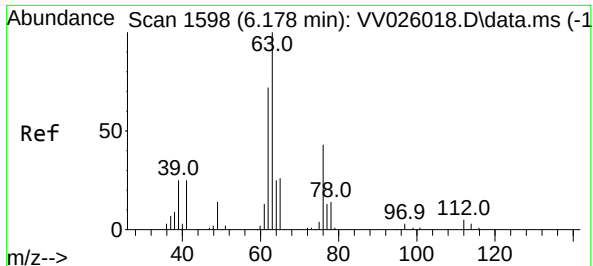
Ion Ratio Lower Upper

83 100

55 75.8 59.4 89.0

98 48.9 38.9 58.3





#37

1,2-Dichloropropane

Concen: 5.038 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

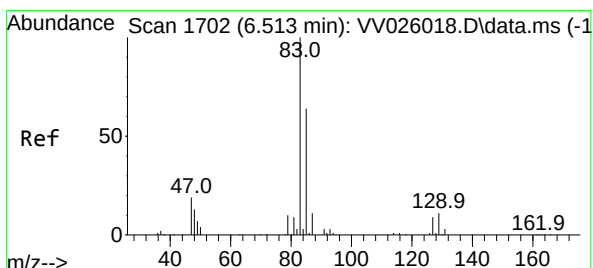
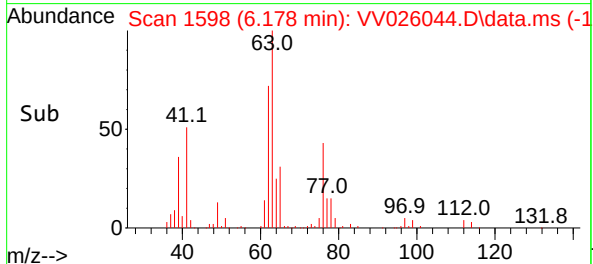
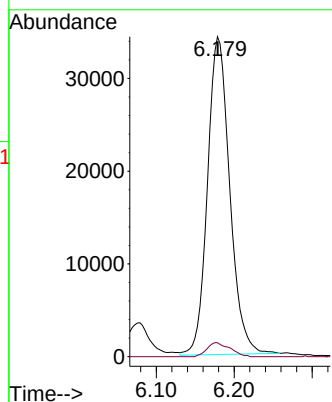
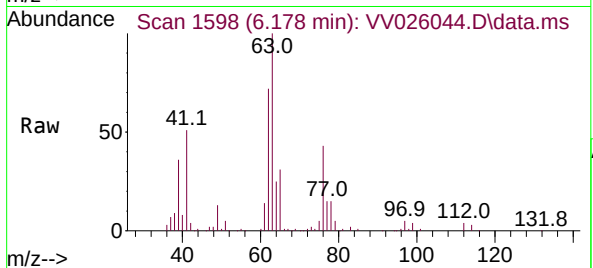
VSTD005299

Tgt Ion: 63 Resp: 67969

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.043 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

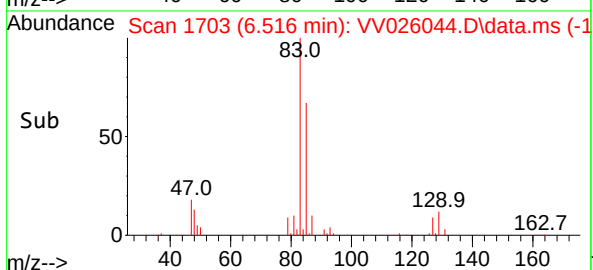
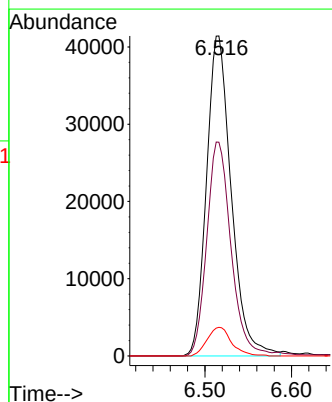
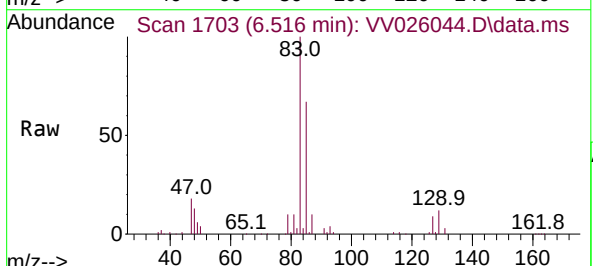
Tgt Ion: 83 Resp: 82192

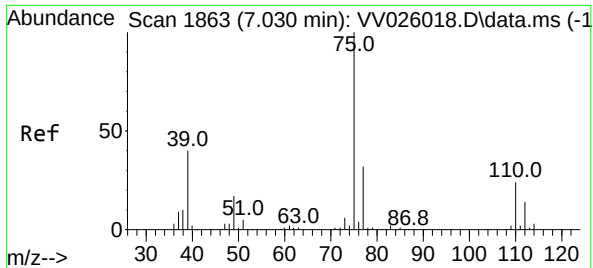
Ion Ratio Lower Upper

83 100

85 66.8 44.8 83.2

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.407 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

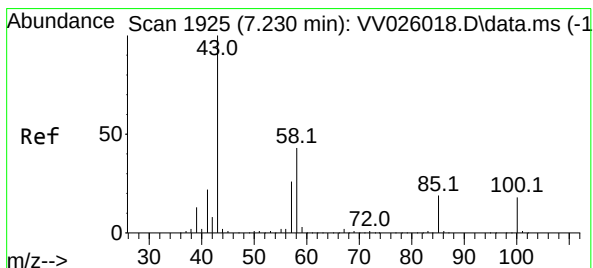
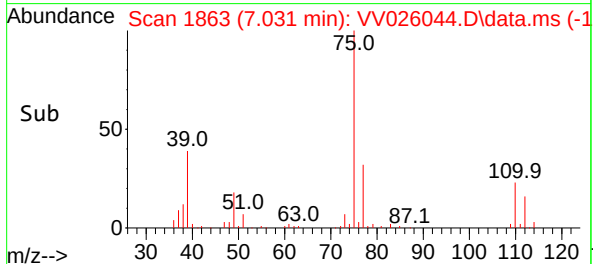
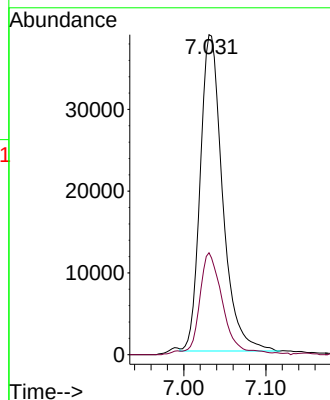
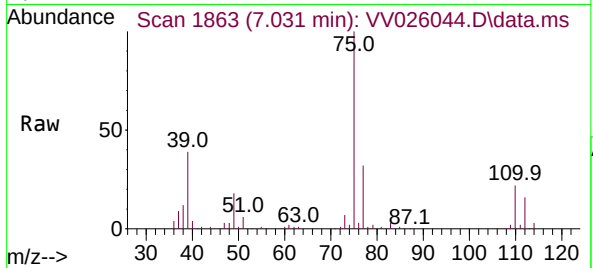
VSTD005299

Tgt Ion: 75 Resp: 73263

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 58.495 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

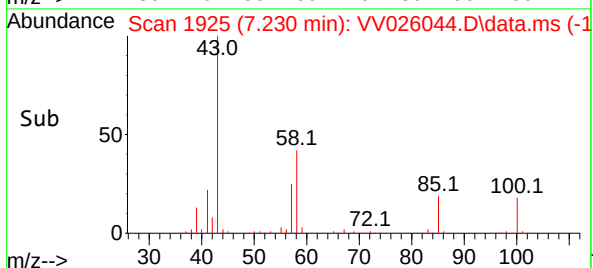
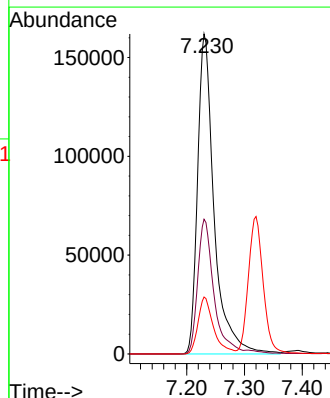
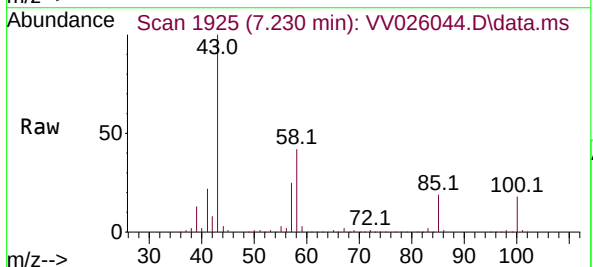
Tgt Ion: 43 Resp: 322399

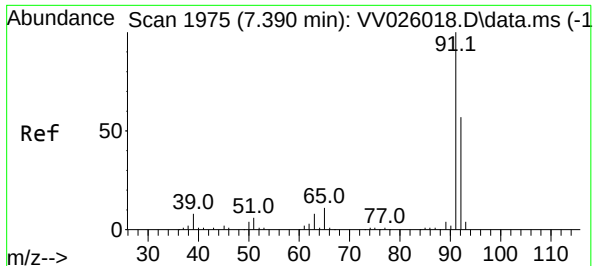
Ion Ratio Lower Upper

43 100

58 40.9 34.2 51.2

100 16.7 12.6 19.0





#42

Toluene

Concen: 4.724 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

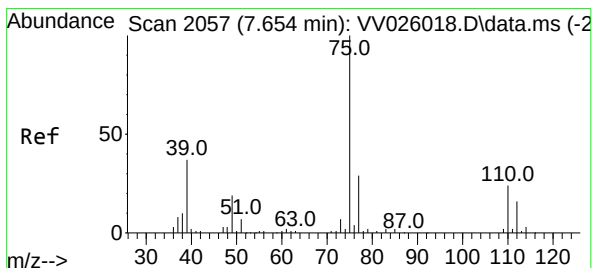
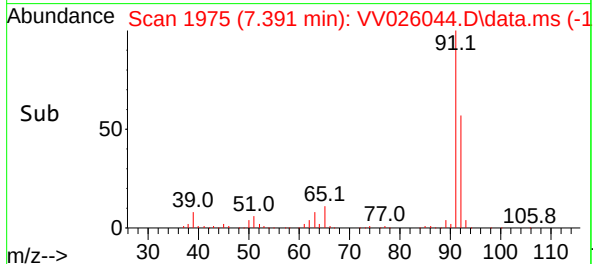
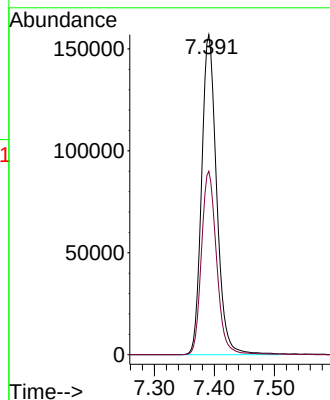
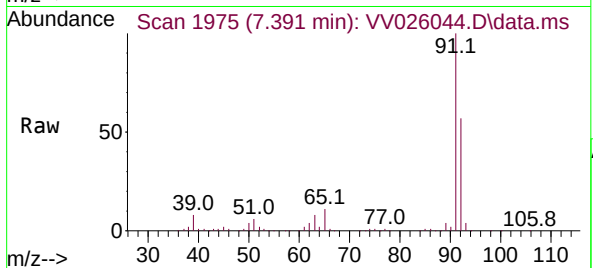
VSTD005299

Tgt Ion: 91 Resp: 274792

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.862 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026044.D

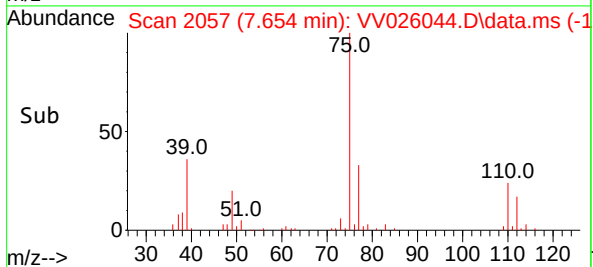
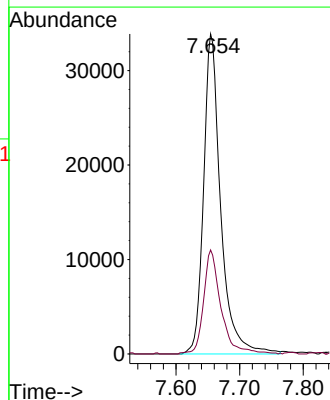
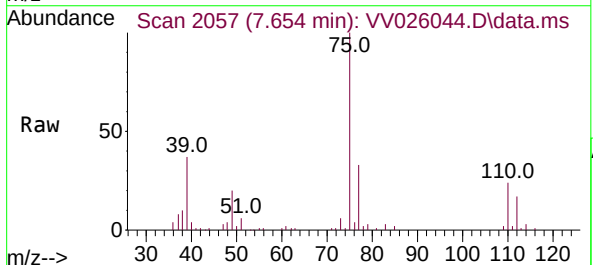
Acq: 09 Jun 2022 00:37

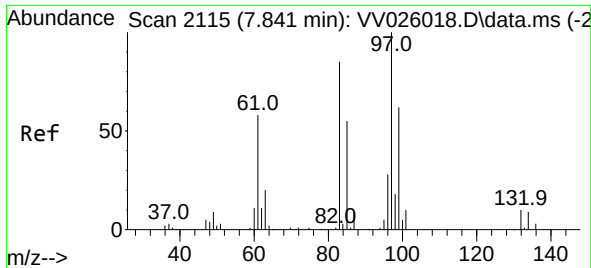
Tgt Ion: 75 Resp: 63323

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

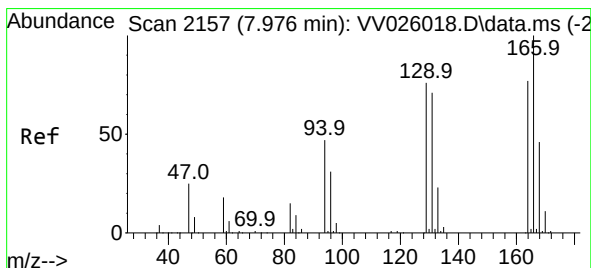
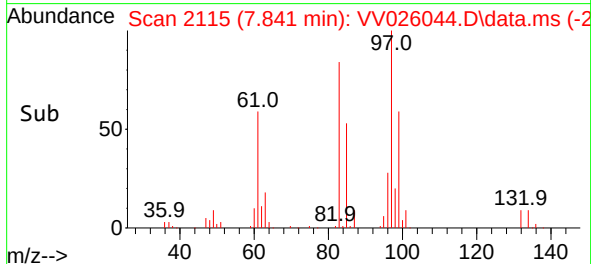
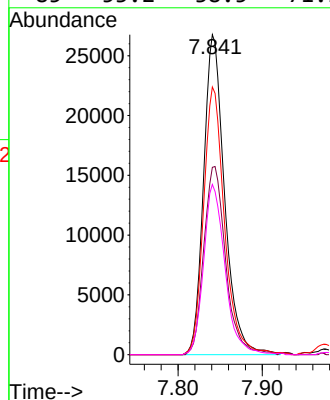
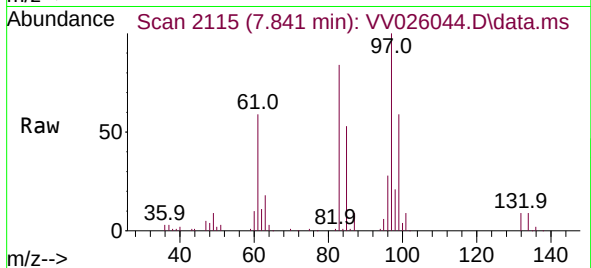




#45
1,1,2-Trichloroethane
Concen: 5.313 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

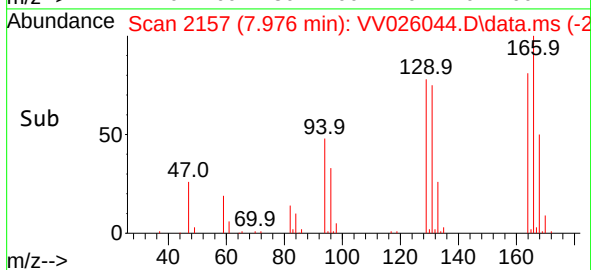
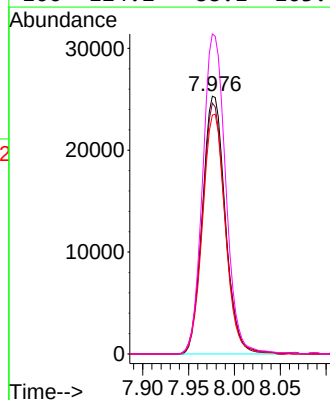
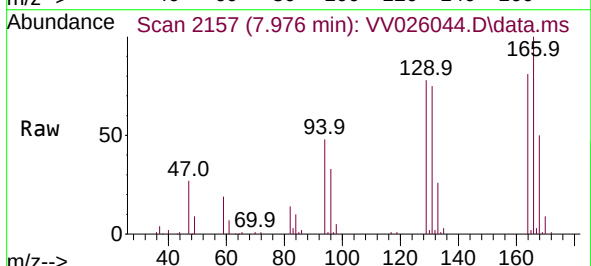
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

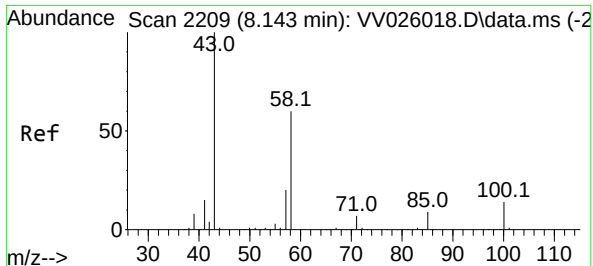
Tgt Ion:	97	Resp:	46549
Ion	Ratio	Lower	Upper
97	100		
99	58.5	43.5	80.7
83	83.6	59.6	110.8
85	53.2	38.5	71.5



#47
Tetrachloroethene
Concen: 3.897 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion:	164	Resp:	43879
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.3	126.9
131	92.7	66.5	123.5
166	124.2	88.1	163.7



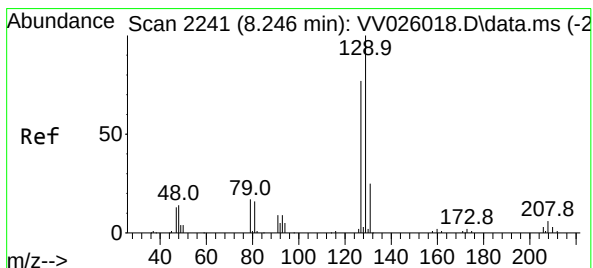
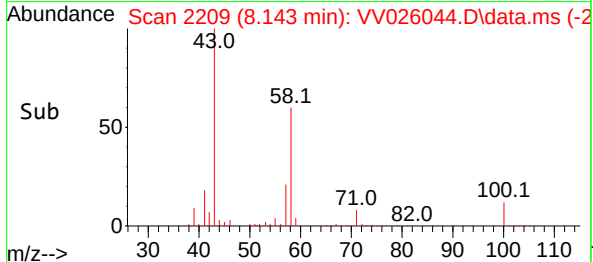
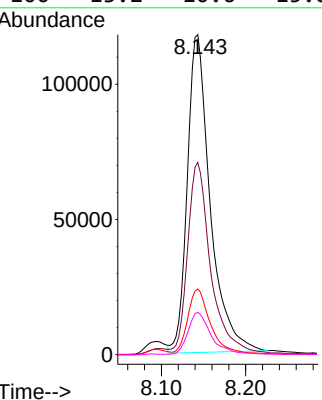
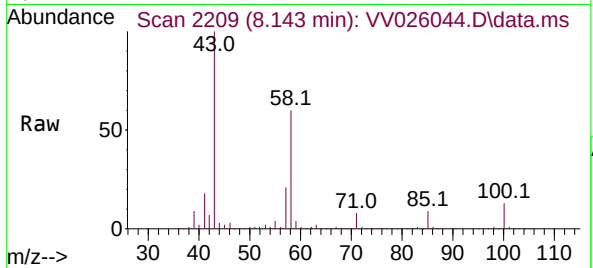


#48
2-Hexanone
Concen: 56.935 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

Tgt Ion: 43 Resp: 222742

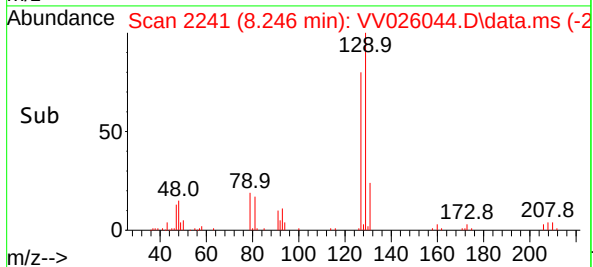
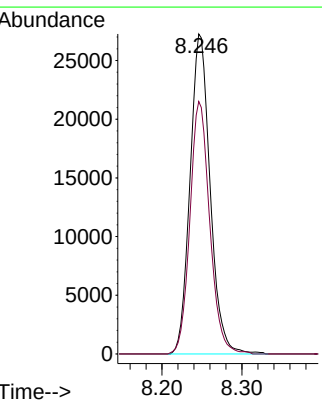
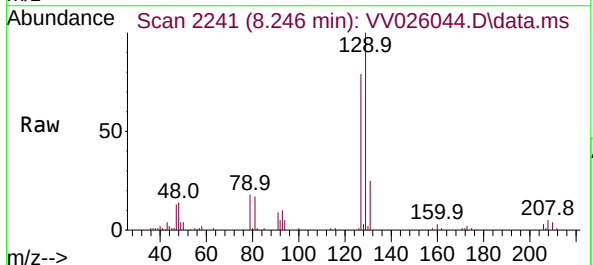
Ion	Ratio	Lower	Upper
43	100		
58	60.2	47.4	71.2
57	20.6	15.5	23.3
100	13.2	10.6	15.8

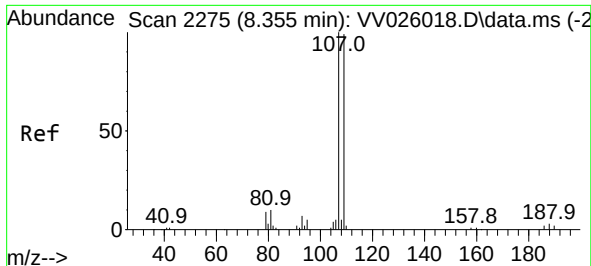


#49
Dibromochloromethane
Concen: 4.993 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 129 Resp: 47752

Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.225 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

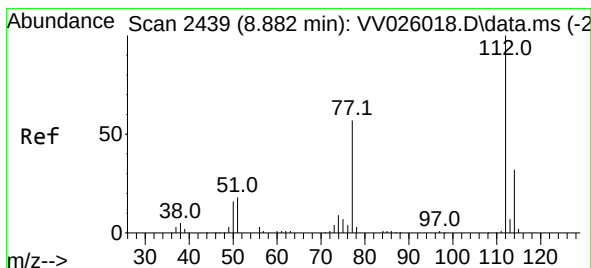
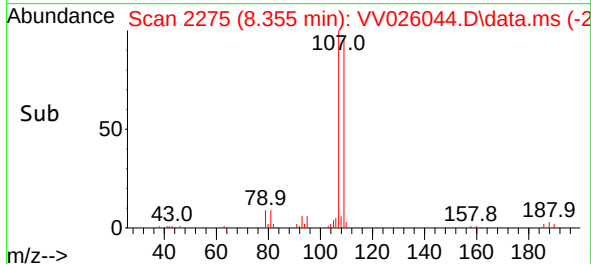
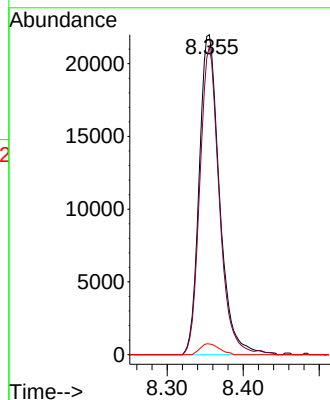
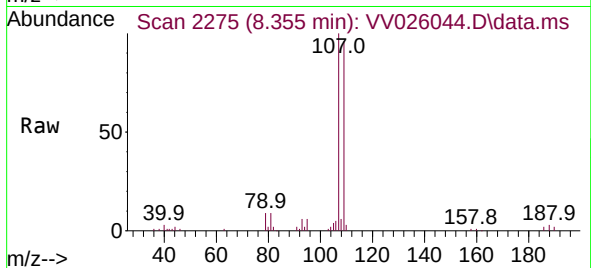
Tgt Ion:107 Resp: 40737

Ion Ratio Lower Upper

107 100

109 96.2 64.8 120.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 4.419 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

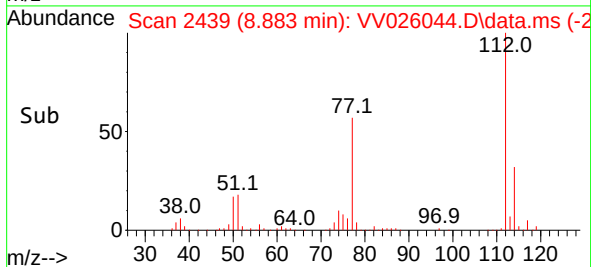
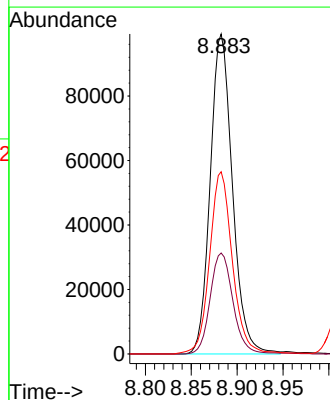
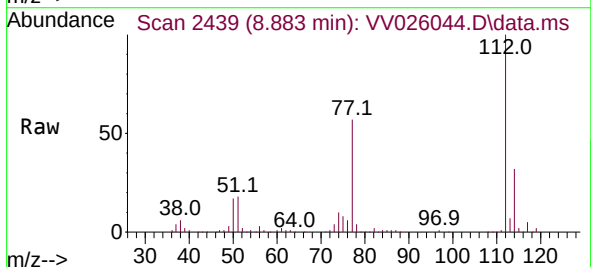
Tgt Ion:112 Resp: 167300

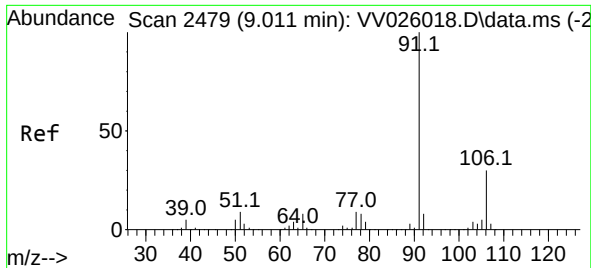
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 56.9 44.6 66.8

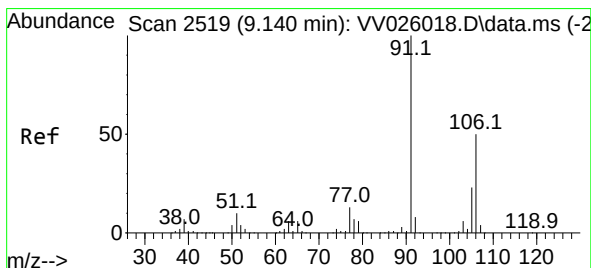
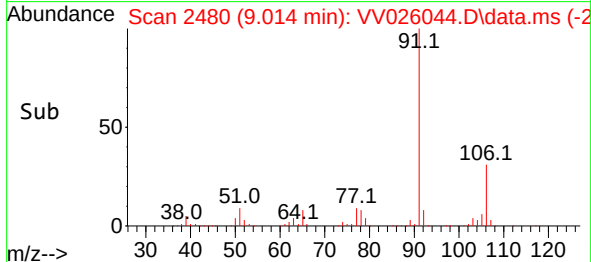
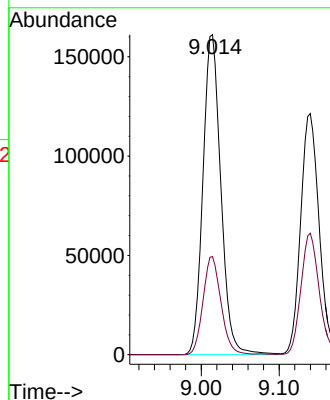
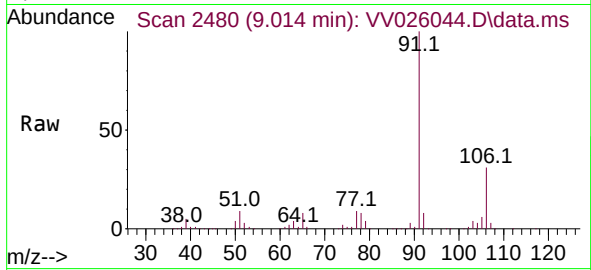




#52
Ethylbenzene
Concen: 4.224 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

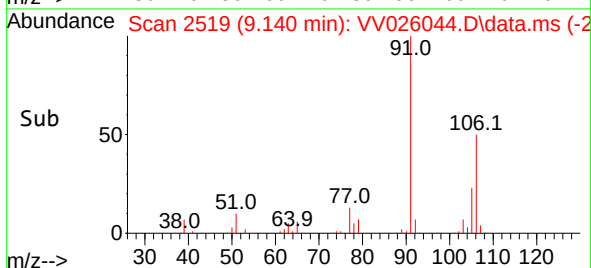
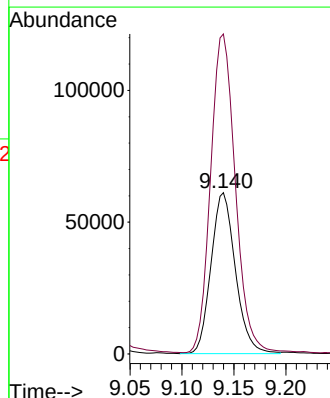
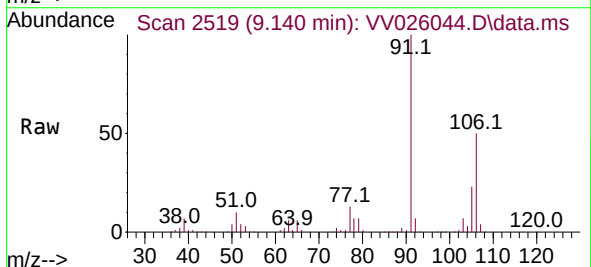
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

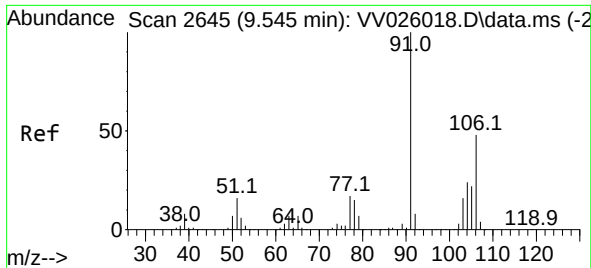
Tgt Ion: 91 Resp: 257496
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.6



#53
m,p-Xylene
Concen: 4.225 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 106 Resp: 99562
Ion Ratio Lower Upper
106 100
91 198.4 140.4 260.8

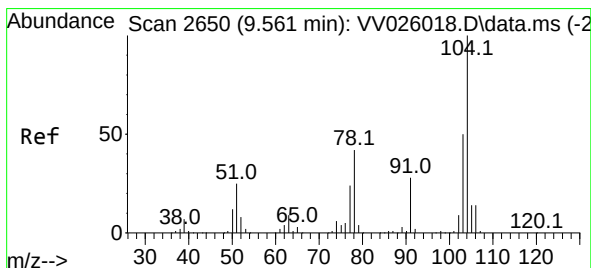
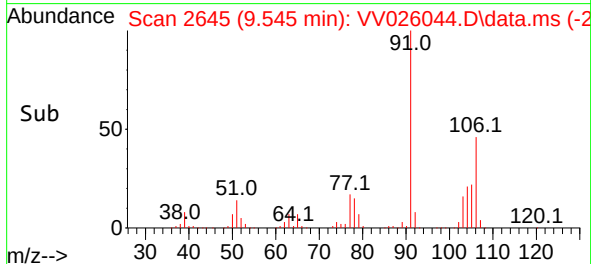
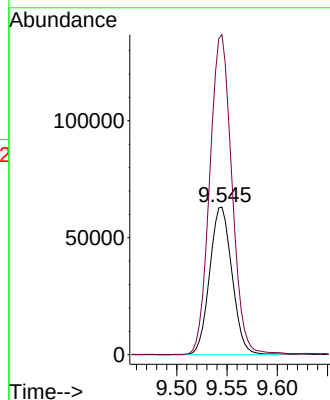
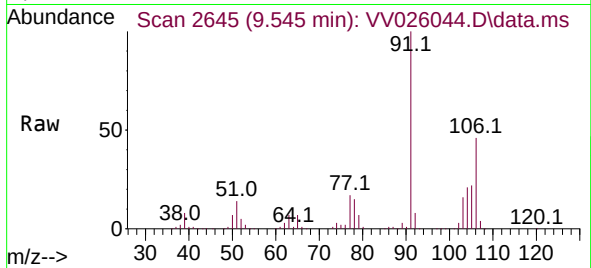




#54
o-Xylene
Concen: 4.353 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

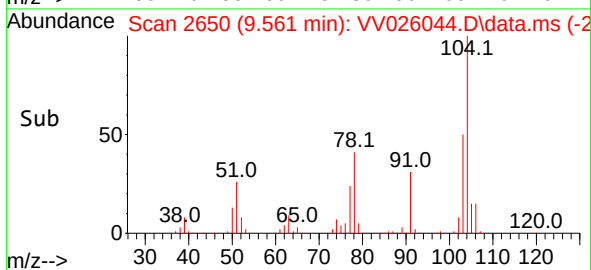
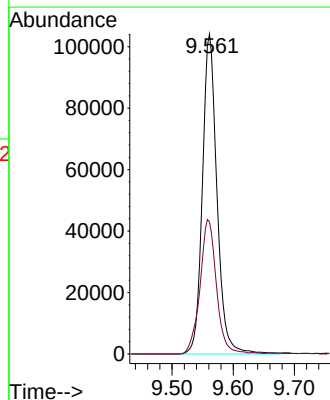
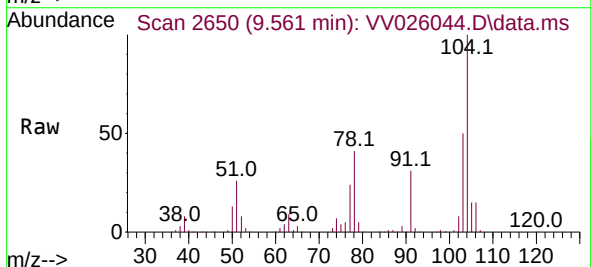
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

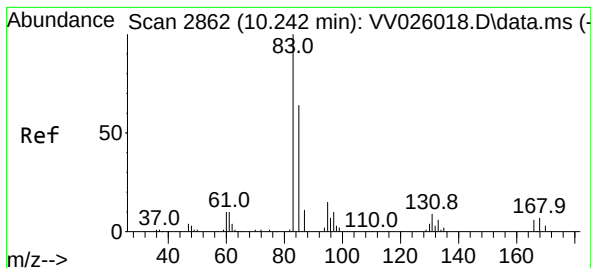
Tgt Ion:106 Resp: 97515
Ion Ratio Lower Upper
106 100
91 216.8 145.4 270.0



#55
Styrene
Concen: 4.591 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion:104 Resp: 172288
Ion Ratio Lower Upper
104 100
78 41.3 29.1 54.1

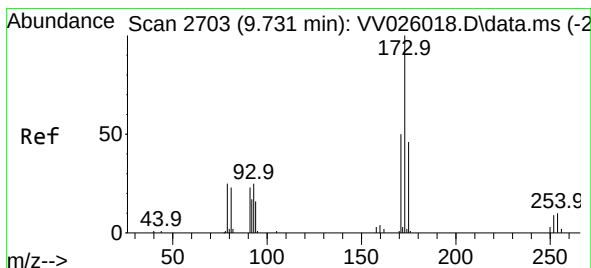
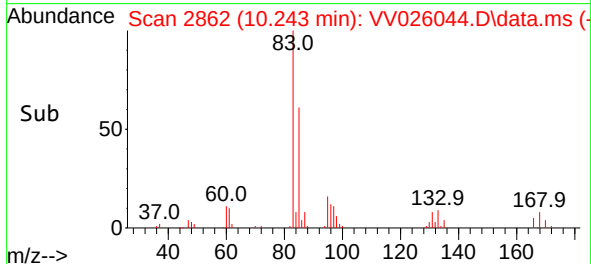
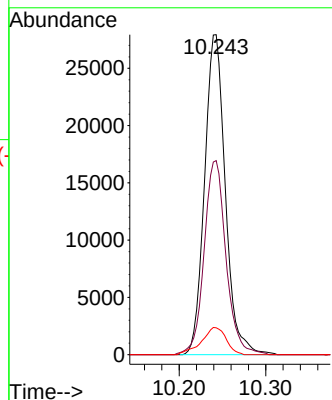
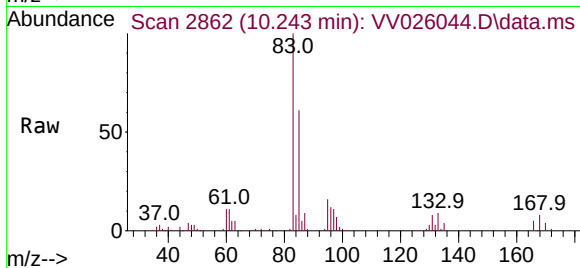




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.964 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

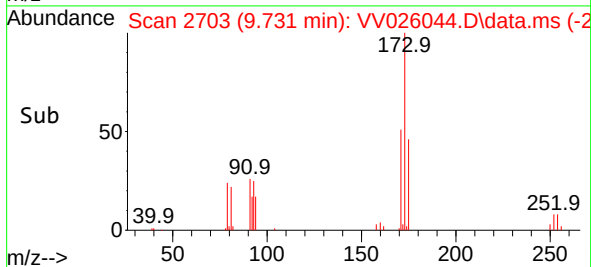
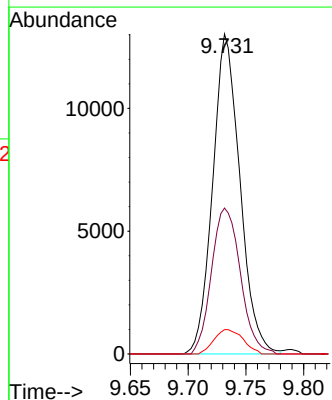
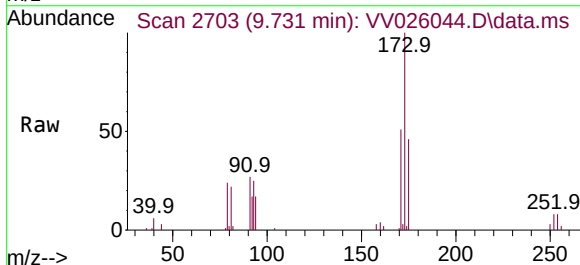
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005299

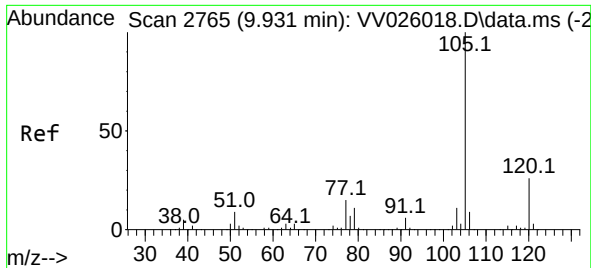
Tgt Ion: 83 Resp: 46567
 Ion Ratio Lower Upper
 83 100
 85 60.7 46.4 86.2
 131 8.4 7.1 10.7



#59
 Bromoform
 Concen: 5.258 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026044.D
 Acq: 09 Jun 2022 00:37

Tgt Ion: 173 Resp: 21377
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.8 58.2
 254 8.1 6.9 10.3

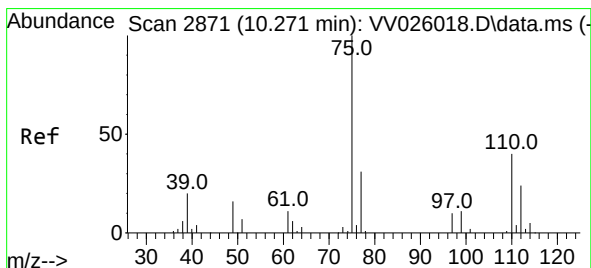
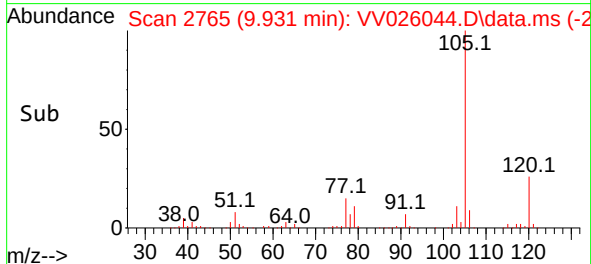
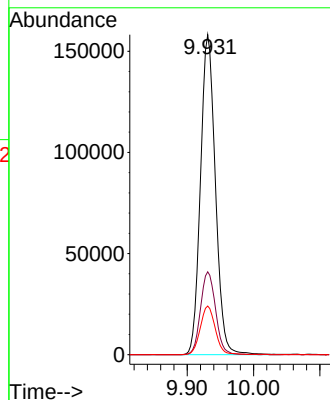
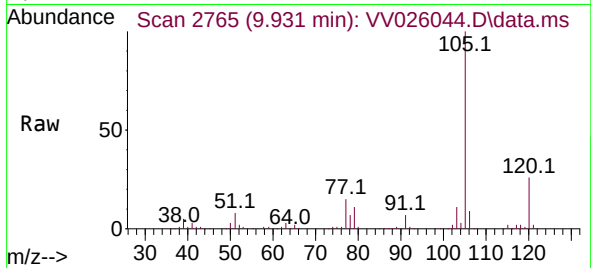




#60
Isopropylbenzene
Concen: 4.297 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

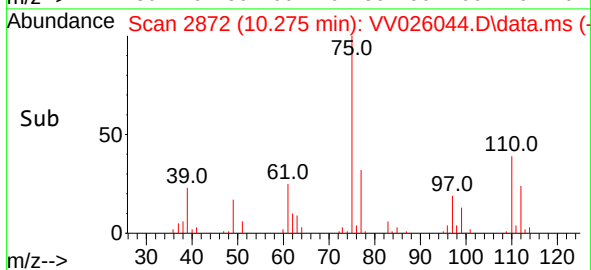
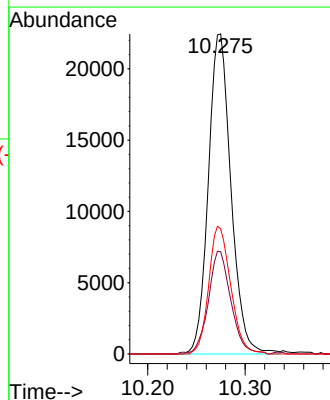
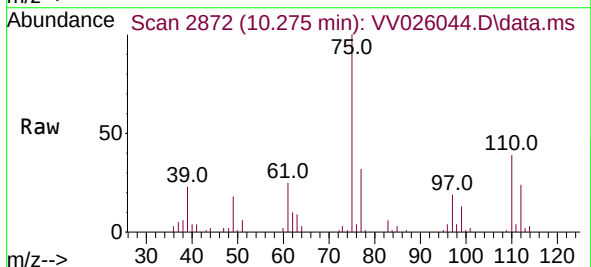
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

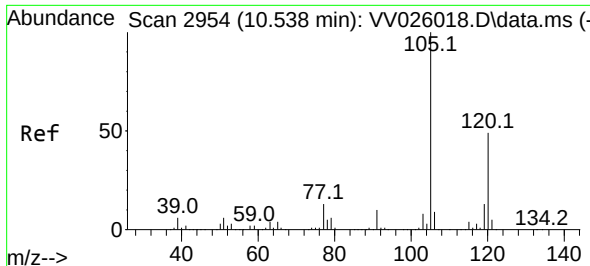
Tgt Ion:105 Resp: 247477
Ion Ratio Lower Upper
105 100
120 26.1 21.3 31.9
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.368 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion: 75 Resp: 36307
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
110 38.7 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.078 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

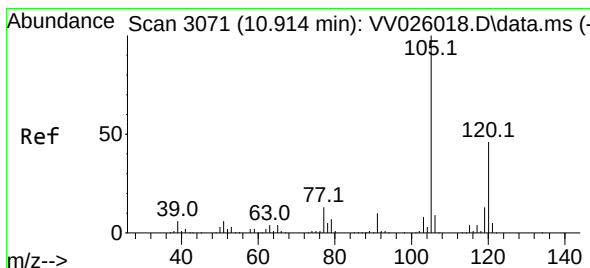
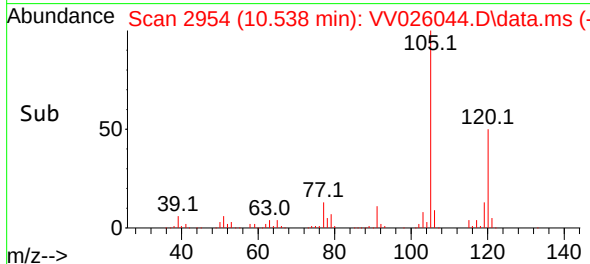
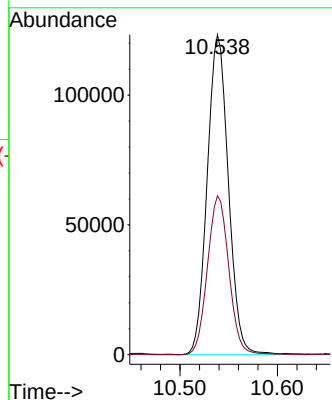
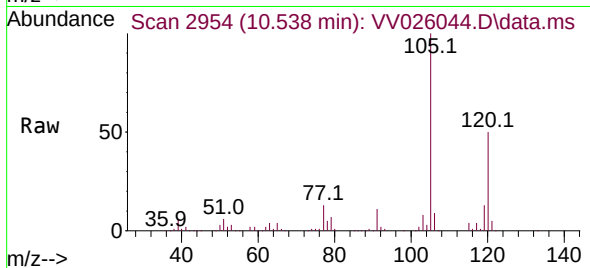
VSTD005299

Tgt Ion:105 Resp: 186006

Ion Ratio Lower Upper

105 100

120 50.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.213 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026044.D

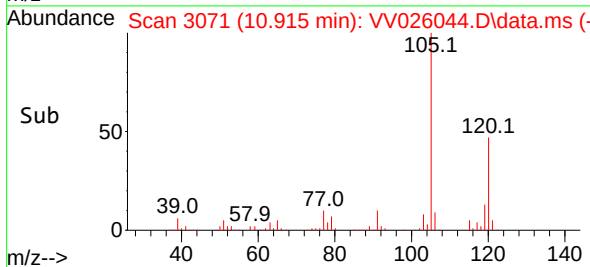
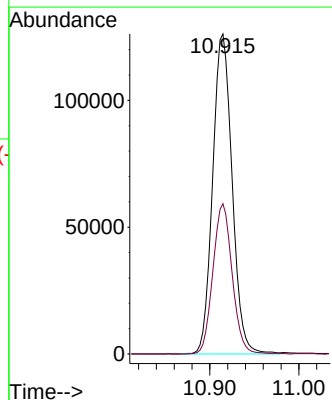
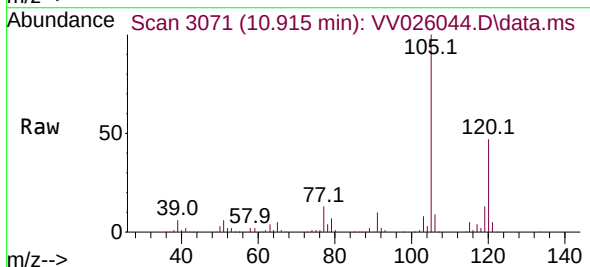
Acq: 09 Jun 2022 00:37

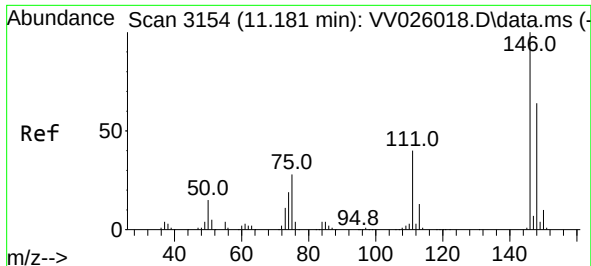
Tgt Ion:105 Resp: 191335

Ion Ratio Lower Upper

105 100

120 46.4 36.7 55.1

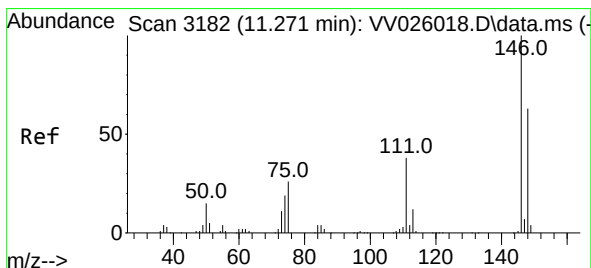
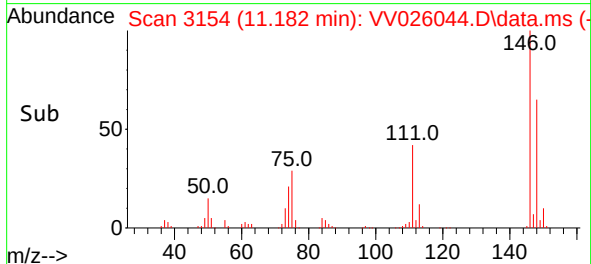
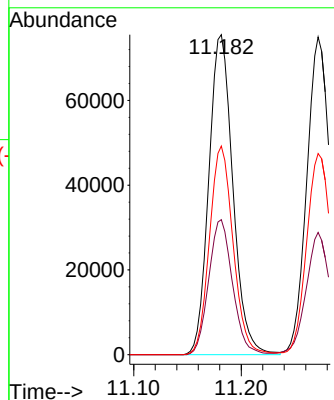
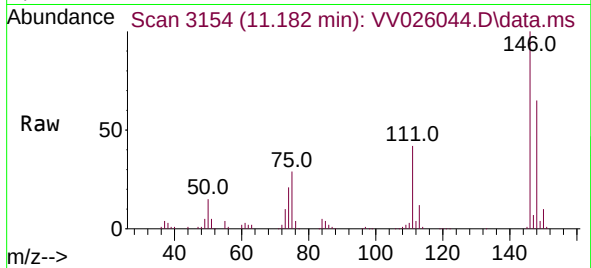




#64
1,3-Dichlorobenzene
Concen: 4.294 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

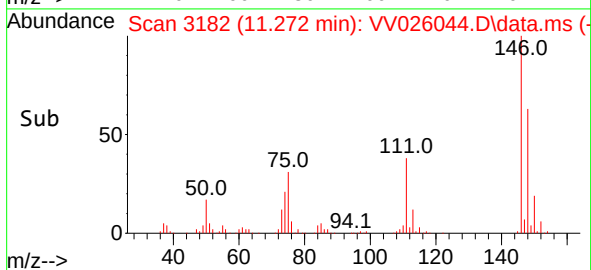
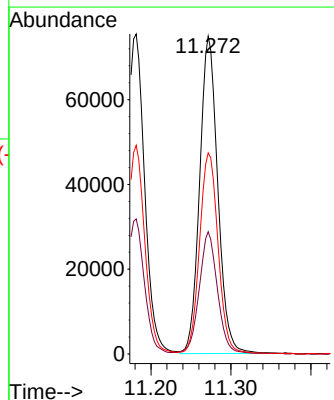
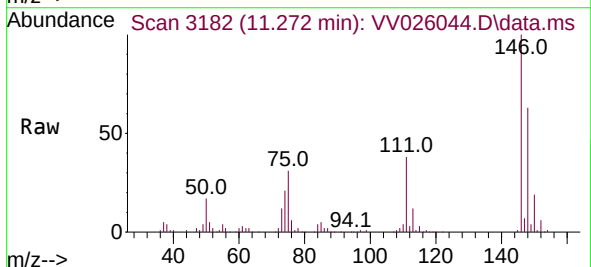
Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

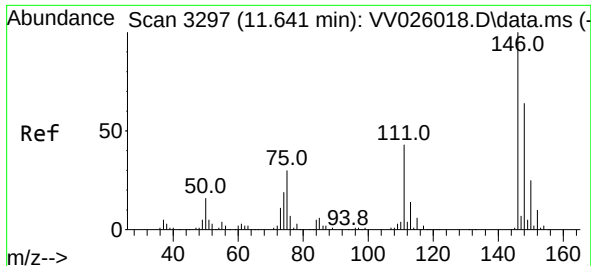
Tgt Ion:146 Resp: 117483
Ion Ratio Lower Upper
146 100
111 42.2 27.9 51.9
148 65.2 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.244 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026044.D
Acq: 09 Jun 2022 00:37

Tgt Ion:146 Resp: 118242
Ion Ratio Lower Upper
146 100
111 38.5 27.1 50.3
148 63.3 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.533 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

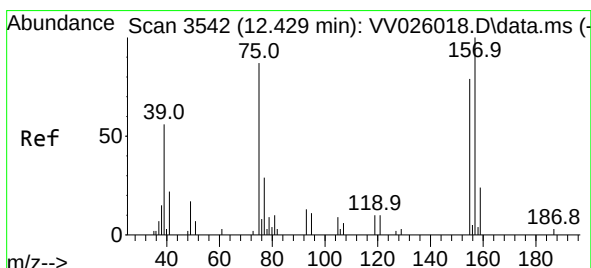
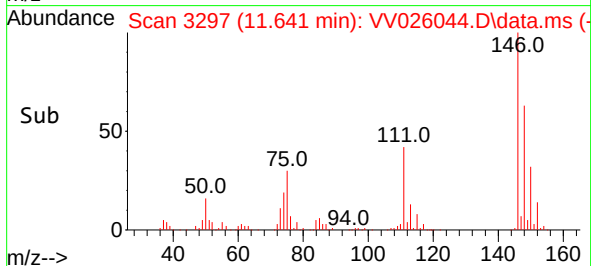
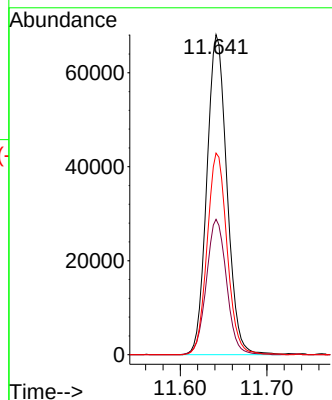
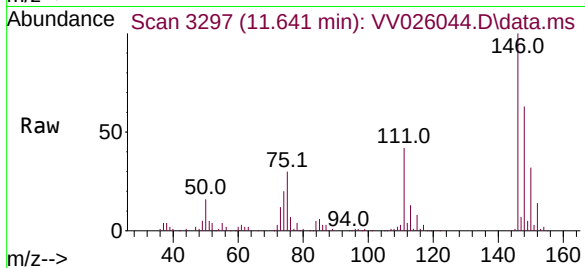
Tgt Ion:146 Resp: 109689

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

148 63.0 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.176 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

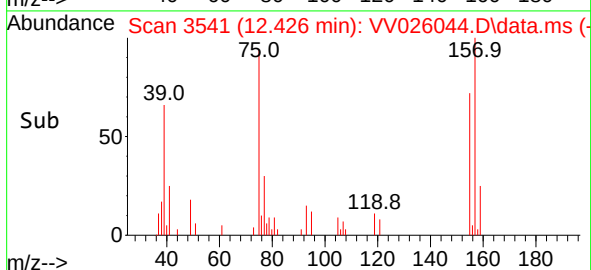
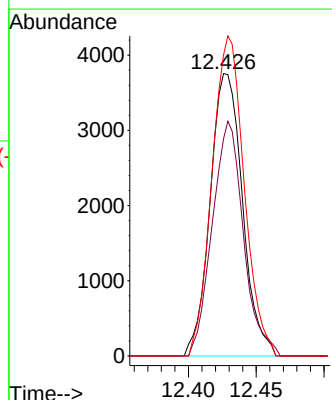
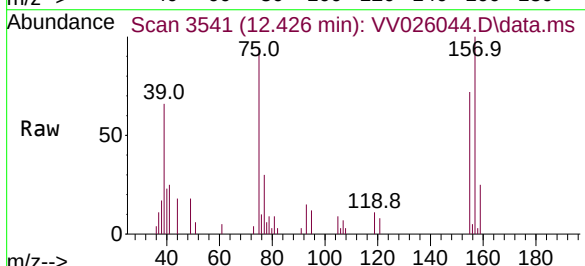
Tgt Ion: 75 Resp: 6222

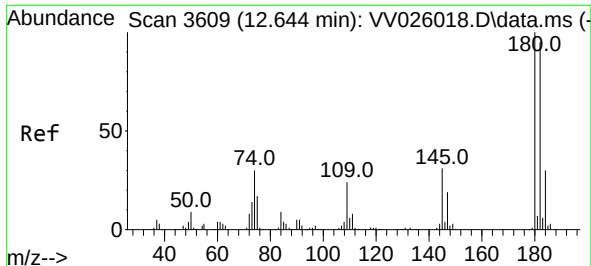
Ion Ratio Lower Upper

75 100

155 76.9 68.0 102.0

157 106.6 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 3.751 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

Tgt Ion:180 Resp: 74327

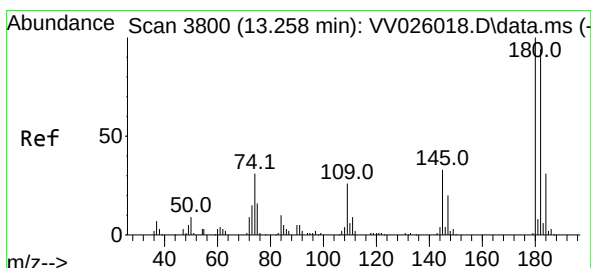
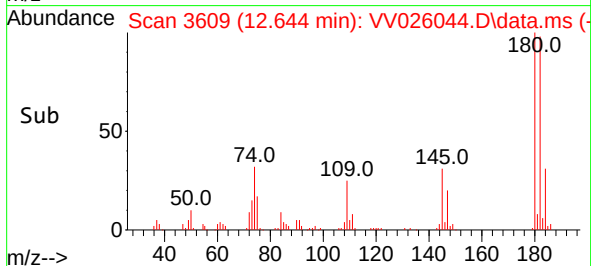
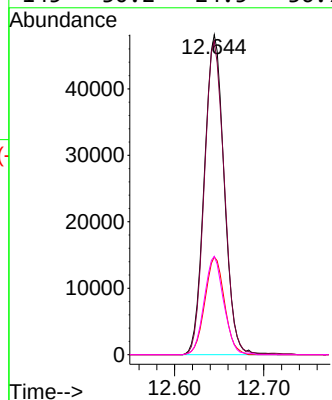
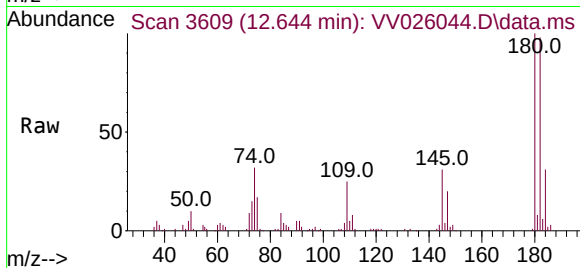
Ion Ratio Lower Upper

180 100

182 97.8 76.3 114.5

184 30.0 24.0 36.0

145 30.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.752 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

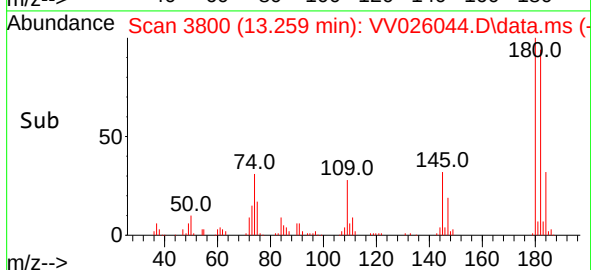
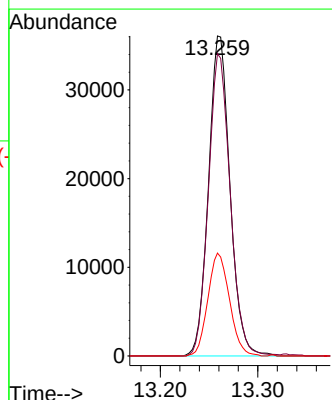
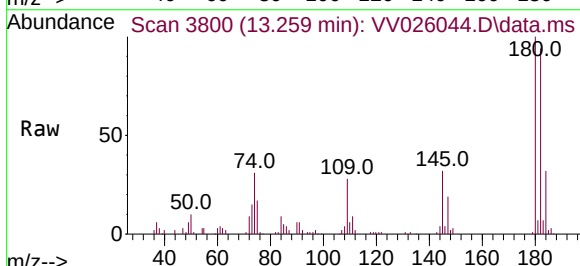
Tgt Ion:180 Resp: 55414

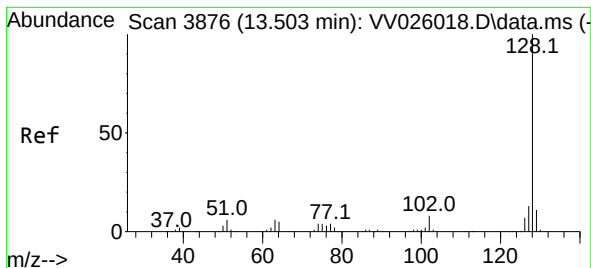
Ion Ratio Lower Upper

180 100

182 95.7 74.2 111.4

145 32.3 24.1 36.1





#71

Naphthalene

Concen: 4.422 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005299

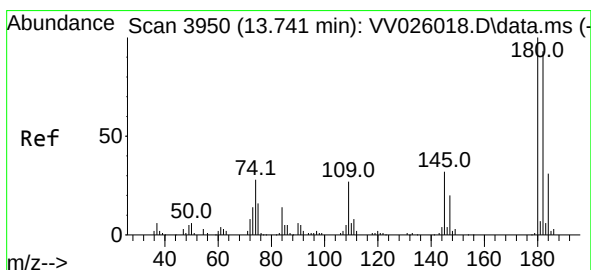
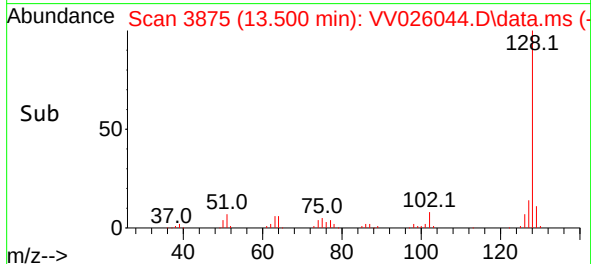
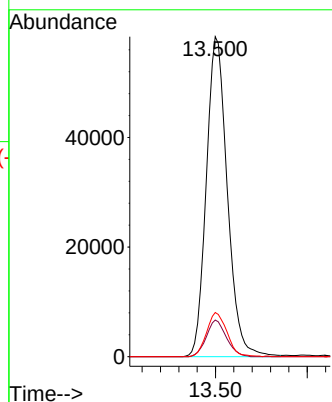
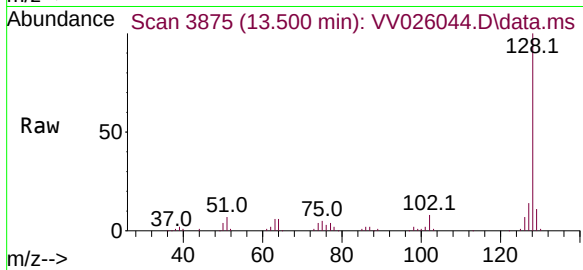
Tgt Ion:128 Resp: 92804

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.035 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026044.D

Acq: 09 Jun 2022 00:37

Tgt Ion:180 Resp: 50447

Ion Ratio Lower Upper

180 100

182 95.7 74.0 111.0

145 32.5 25.5 38.3

