

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026506.D
 Acq On : 23 Jun 2022 11:13
 Operator : SY/MD
 Sample : VSTD00575
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

Quant Time: Jun 24 00:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	230188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	208907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	87998	4.545	ug/L	0.00
7) Chloroethane-d5	1.584	69	73018	4.720	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	162065	4.797	ug/L	0.00
20) 2-Butanone-d5	3.921	46	79634	40.675	ug/L	0.00
24) Chloroform-d	4.362	84	148879	5.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	56582	4.675	ug/L	0.00
32) Benzene-d6	5.059	84	302047	5.378	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	83934	4.782	ug/L	0.00
41) Toluene-d8	7.317	98	286176	5.603	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	21101	4.213	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	75118	47.792	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51296	5.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	83997	5.099	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	89789	5.236	ug/L	100
3) Chloromethane	1.256	50	90485	4.775	ug/L	100
5) Vinyl chloride	1.326	62	99934	5.067	ug/L	100
6) Bromomethane	1.535	94	51648	4.741	ug/L	100
8) Chloroethane	1.600	64	69513	5.530	ug/L	100
9) Trichlorofluoromethane	1.767	101	141871	5.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	85698	5.359	ug/L	100
12) 1,1-Dichloroethene	2.133	96	78972	5.397	ug/L	100
13) Acetone	2.214	43	45447	34.479	ug/L	100
14) Carbon disulfide	2.310	76	203453	5.582	ug/L	100
15) Methyl Acetate	2.461	43	16731	4.931	ug/L	100
16) Methylene chloride	2.523	84	77593	4.227	ug/L	100
17) Methyl tert-butyl Ether	2.783	73	117962	4.815	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	77953	5.445	ug/L	100
19) 1,1-Dichloroethane	3.204	63	141646	5.270	ug/L	100
21) 2-Butanone	4.005	43	78905	41.885	ug/L	100
22) cis-1,2-Dichloroethene	3.924	96	78473	5.434	ug/L	100
23) Bromochloromethane	4.262	128	32193	5.342	ug/L	100
25) Chloroform	4.387	83	150973	5.186	ug/L	100
27) 1,2-Dichloroethane	5.143	62	66581	5.062	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	132804	5.637	ug/L	100
30) Cyclohexane	4.690	56	105829	5.910	ug/L	100
31) Carbon tetrachloride	4.838	117	112095	5.608	ug/L	100
33) Benzene	5.108	78	321659	5.853	ug/L	100
34) Trichloroethene	5.921	95	80666	5.412	ug/L	100
35) Methylcyclohexane	6.137	83	124223	5.875	ug/L	100
37) 1,2-Dichloropropane	6.178	63	74393	5.314	ug/L	100
38) Bromodichloromethane	6.513	83	86594	5.123	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	72829	4.718	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	250176	50.030	ug/L	100
42) Toluene	7.390	91	345807	6.008	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	55451	4.533	ug/L	100

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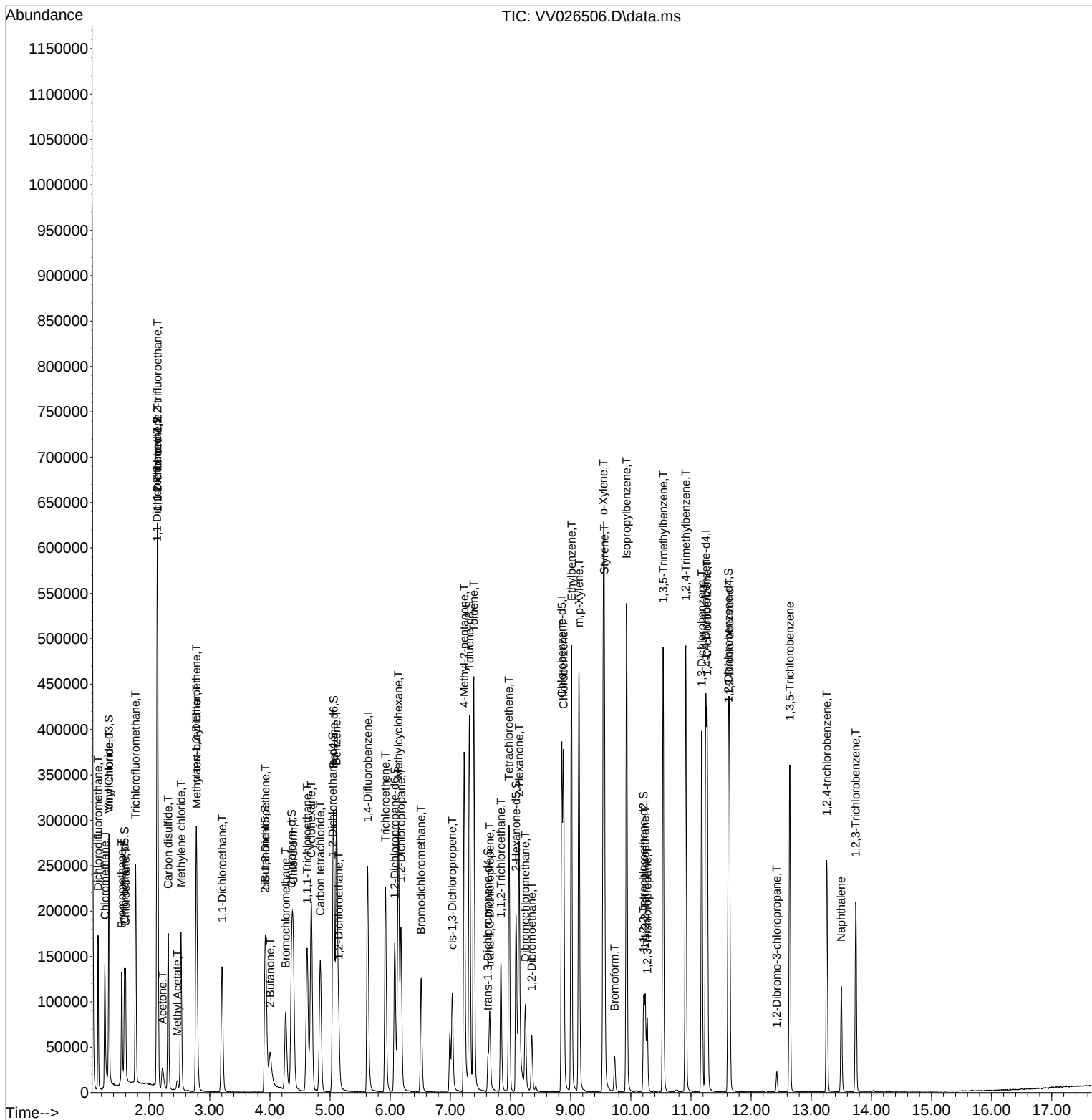
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

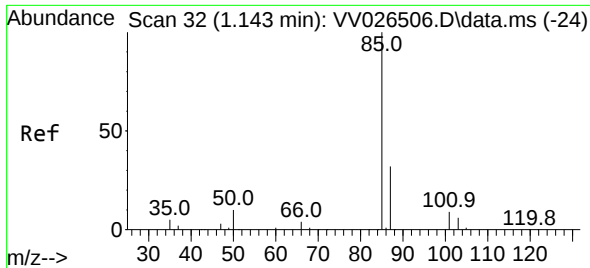
Quant Time: Jun 24 00:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	47714	5.206	ug/L	100
47) Tetrachloroethene	7.976	164	65975	5.892	ug/L	100
48) 2-Hexanone	8.143	43	177704	50.368	ug/L	100
49) Dibromochloromethane	8.246	129	46823	4.727	ug/L	100
50) 1,2-Dibromoethane	8.355	107	41701	5.305	ug/L	100
51) Chlorobenzene	8.882	112	211183	5.632	ug/L	100
52) Ethylbenzene	9.014	91	342405	5.891	ug/L	100
53) m,p-Xylene	9.140	106	137334	6.023	ug/L	100
54) o-Xylene	9.545	106	126348	5.798	ug/L	100
55) Styrene	9.561	104	220547	6.024	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	51789	5.438	ug/L	100
59) Bromoform	9.731	173	18638	4.180	ug/L	100
60) Isopropylbenzene	9.931	105	344512	5.863	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	34215	4.993	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	265486	5.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	267193	5.774	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	164743	5.750	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	163128	5.627	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	137250	5.472	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5215	4.388	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	111753	5.444	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	80177	5.298	ug/L	100
71) Naphthalene	13.500	128	96399	4.666	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	63976	5.107	ug/L	100

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

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QLast Update : Fri Jun 24 00:00:05 2022
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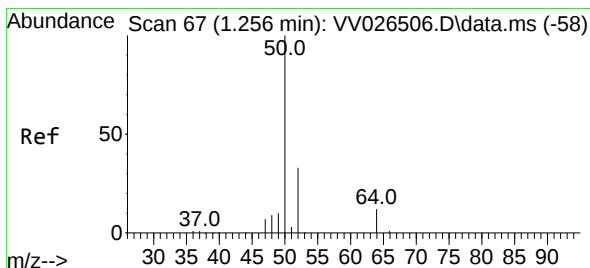
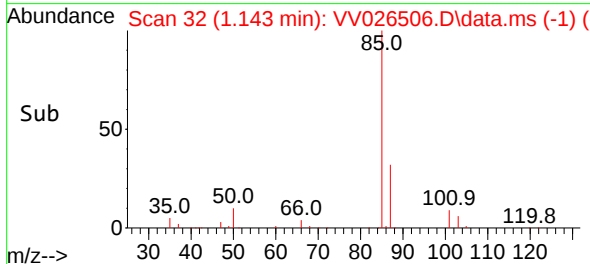
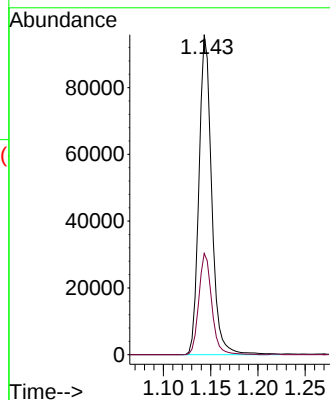
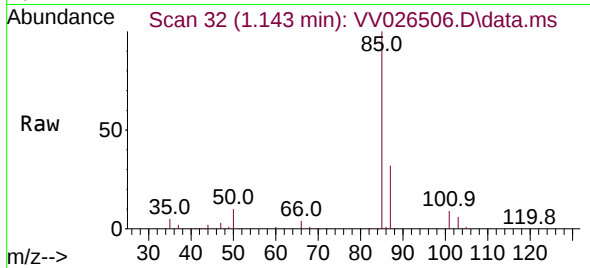




#2
 Dichlorodifluoromethane
 Concen: 5.236 ug/L
 RT: 1.143 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

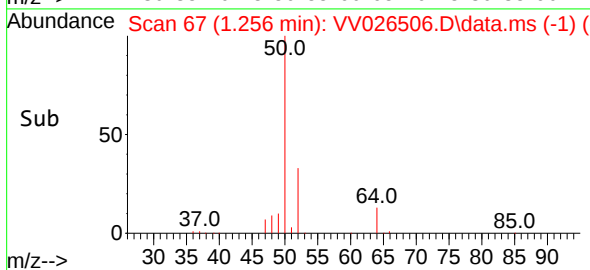
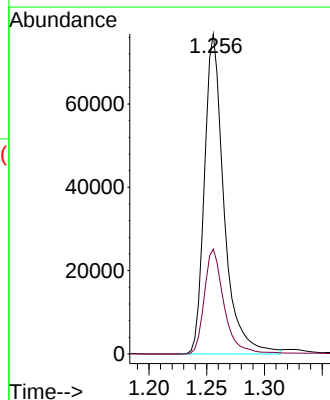
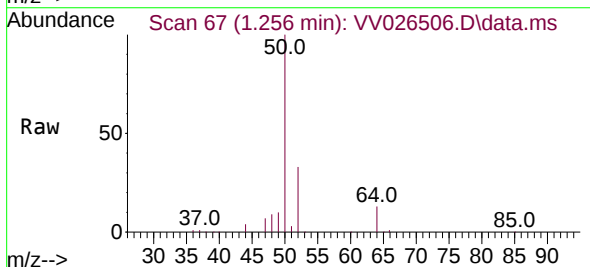
Instrument :
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 ClientSampleId :
 VSTD005275

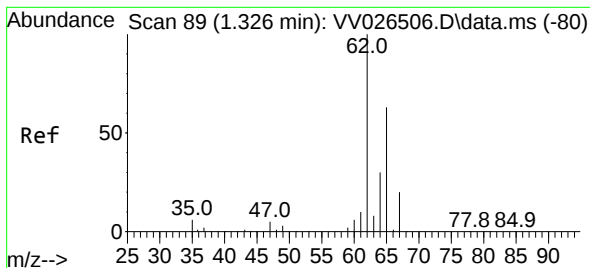
Tgt Ion: 85 Resp: 89789
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.775 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Tgt Ion: 50 Resp: 90485
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6





#5

Vinyl chloride

Concen: 5.067 ug/L

RT: 1.326 min Scan# 89

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

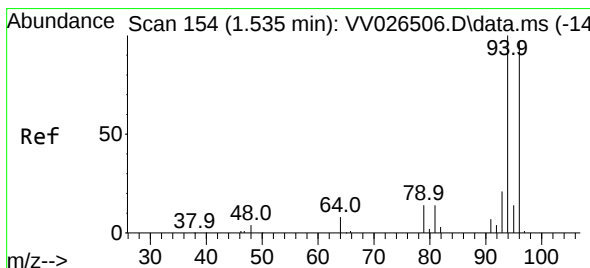
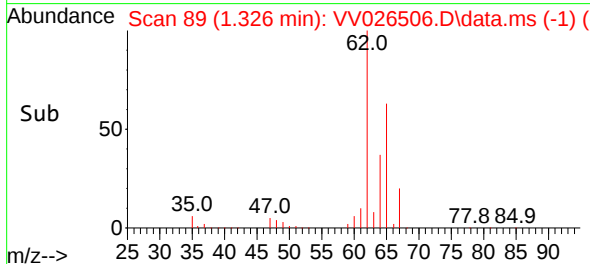
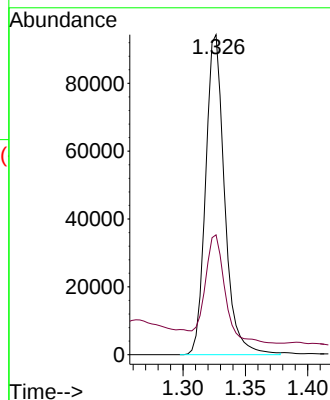
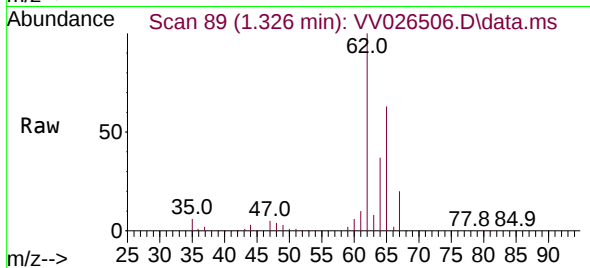
VSTD005275

Tgt Ion: 62 Resp: 99934

Ion Ratio Lower Upper

62 100

64 37.4 26.2 48.6



#6

Bromomethane

Concen: 4.741 ug/L

RT: 1.535 min Scan# 154

Delta R.T. 0.000 min

Lab File: VV026506.D

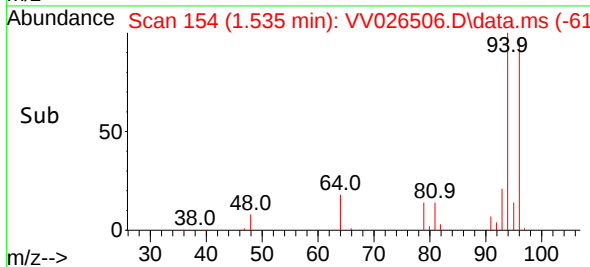
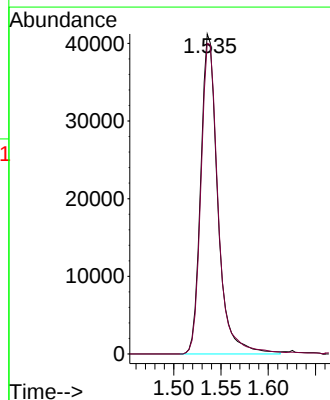
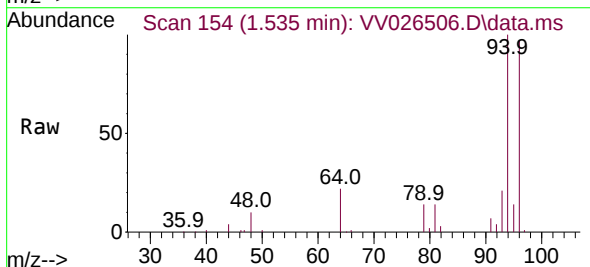
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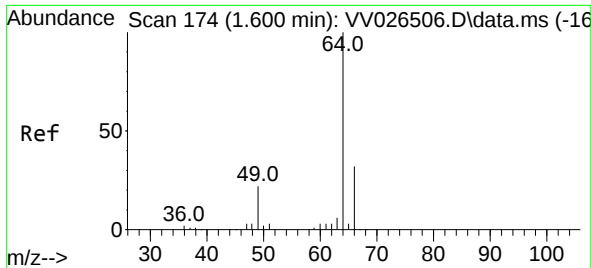
Tgt Ion: 94 Resp: 51648

Ion Ratio Lower Upper

94 100

96 97.1 68.0 126.2

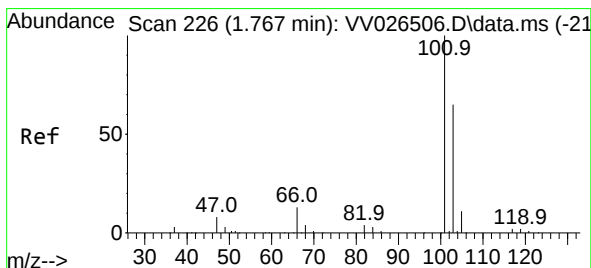
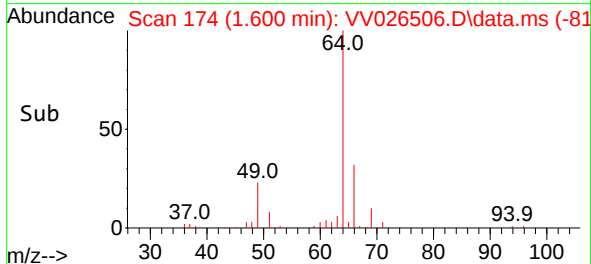
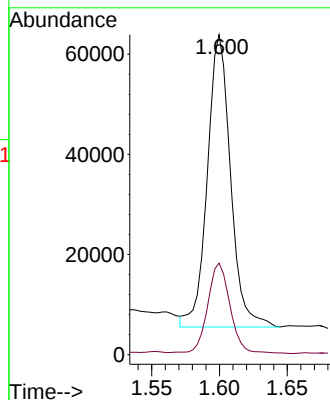
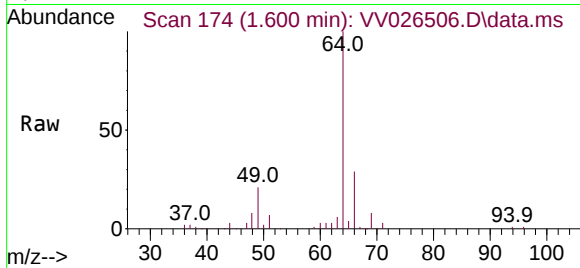




#8
Chloroethane
Concen: 5.530 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

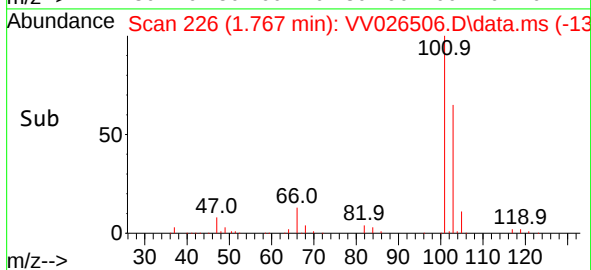
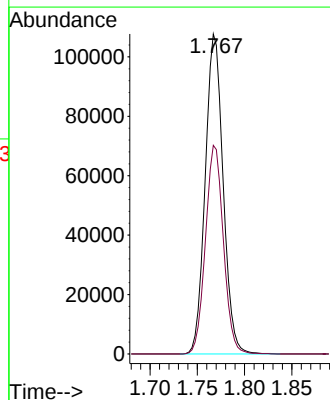
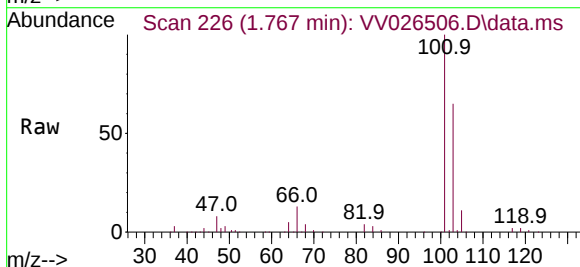
Instrument :
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ClientSampleId :
VSTD005275

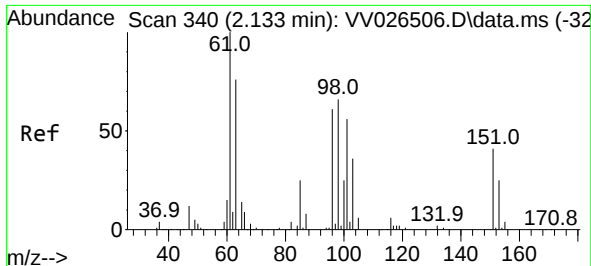
Tgt Ion: 64 Resp: 69513
Ion Ratio Lower Upper
64 100
66 28.6 20.0 37.2



#9
Trichlorofluoromethane
Concen: 5.186 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion:101 Resp: 141871
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

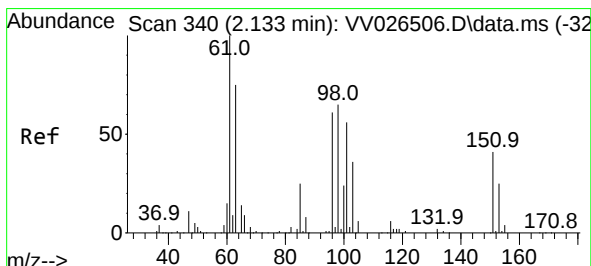
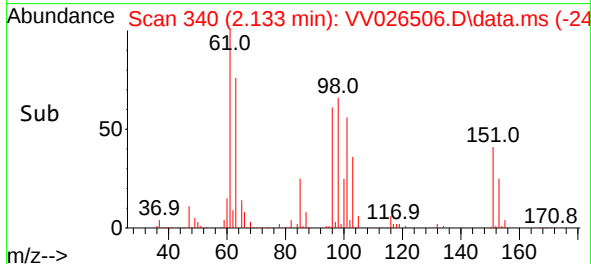
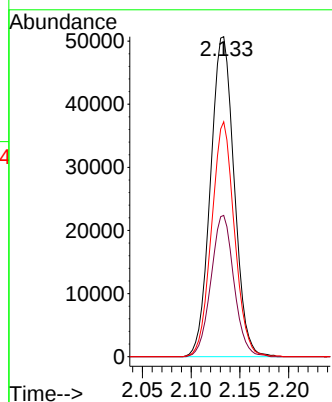
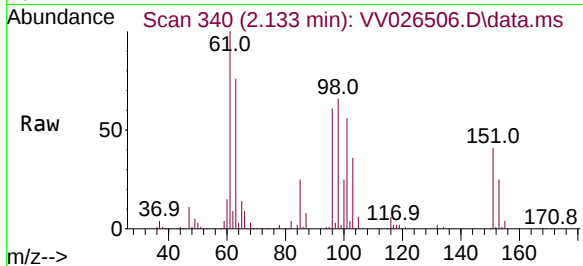




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.359 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

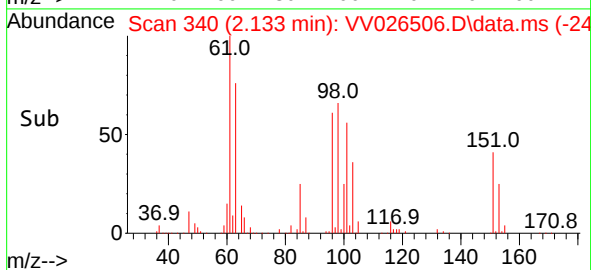
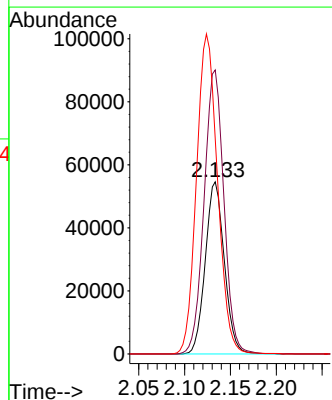
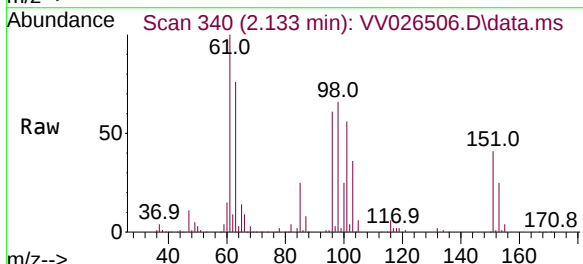
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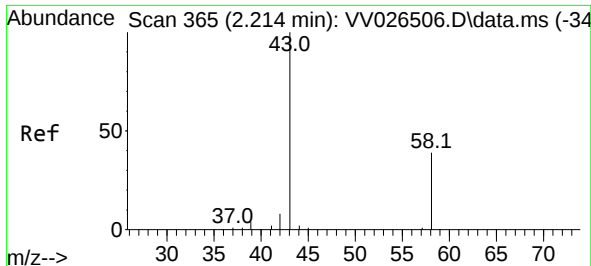
Tgt Ion: 101 Resp: 85698
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.2 51.4
 151 71.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.397 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Tgt Ion: 96 Resp: 78972
 Ion Ratio Lower Upper
 96 100
 61 164.9 115.4 214.4
 63 124.8 87.4 162.2





#13

Acetone

Concen: 34.479 ug/L

RT: 2.214 min Scan# 365

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

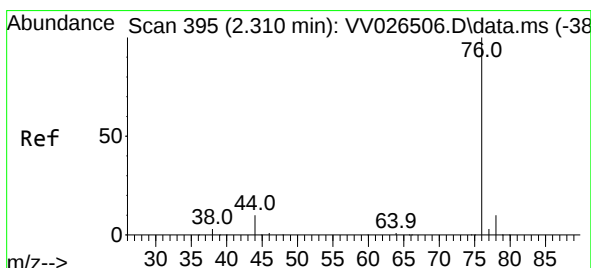
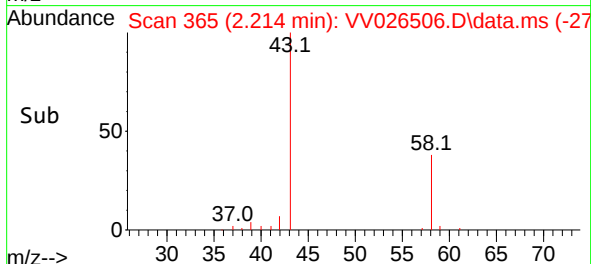
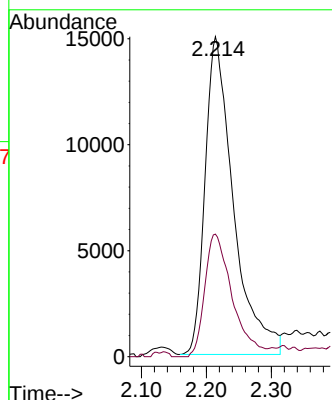
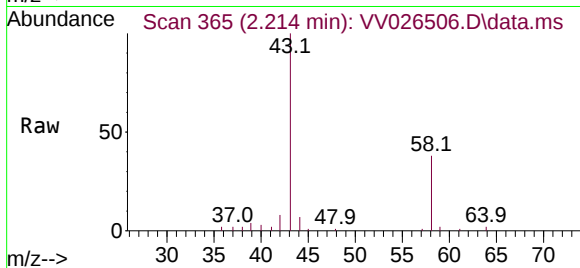
VSTD005275

Tgt Ion: 43 Resp: 45447

Ion Ratio Lower Upper

43 100

58 37.5 0.0 75.0



#14

Carbon disulfide

Concen: 5.582 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.000 min

Lab File: VV026506.D

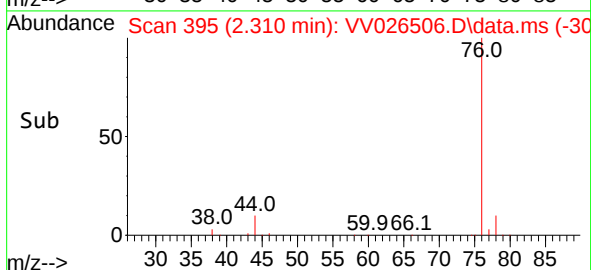
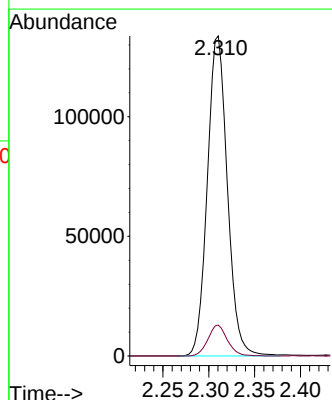
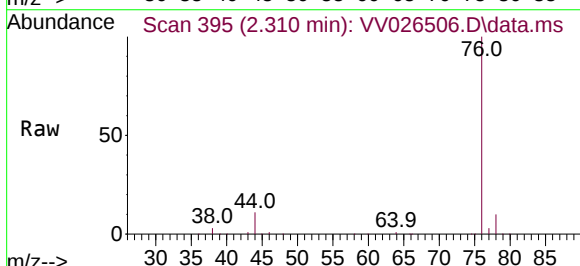
Acq: 23 Jun 2022 11:13

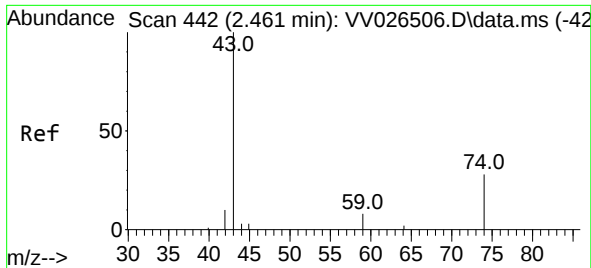
Tgt Ion: 76 Resp: 203453

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

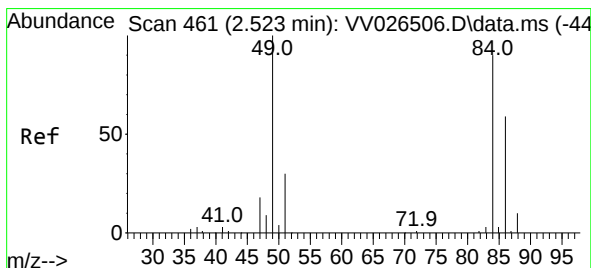
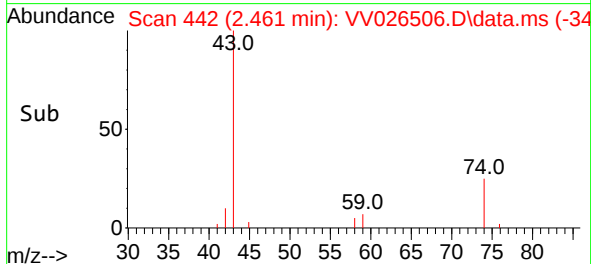
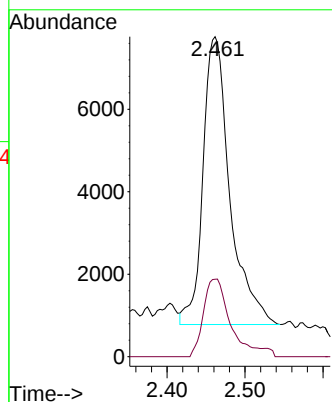
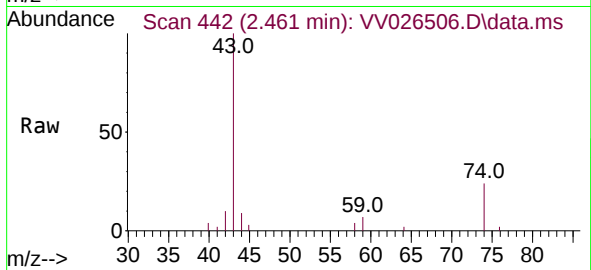




#15
Methyl Acetate
Concen: 4.931 ug/L
RT: 2.461 min Scan# 442
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

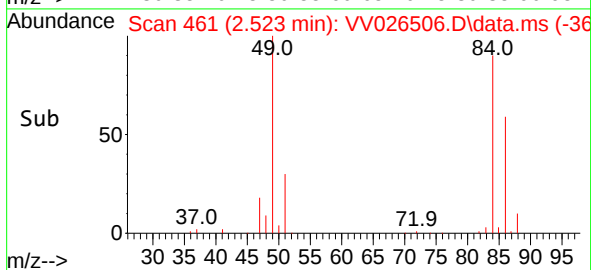
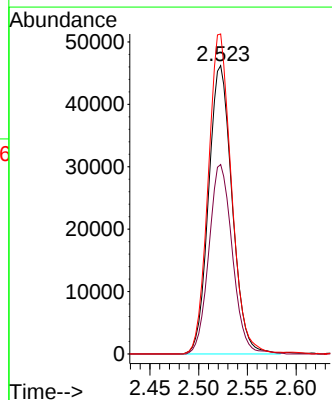
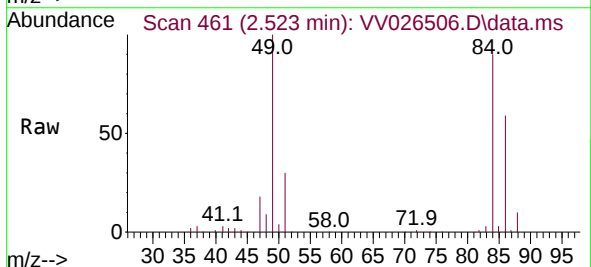
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

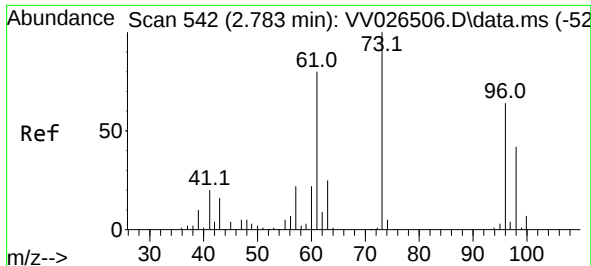
Tgt Ion: 43 Resp: 16731
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1



#16
Methylene chloride
Concen: 4.227 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 84 Resp: 77593
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 111.0 77.7 144.3



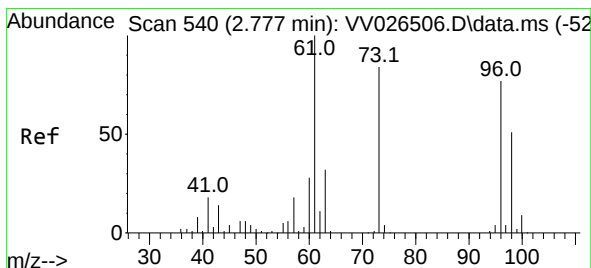
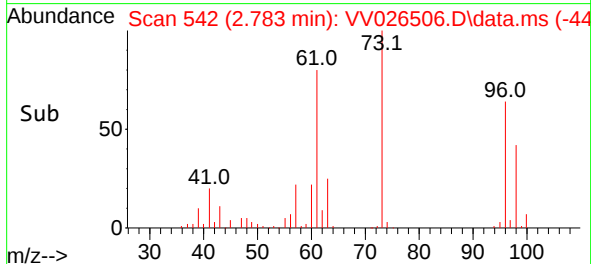
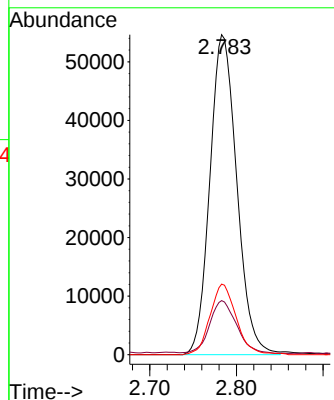
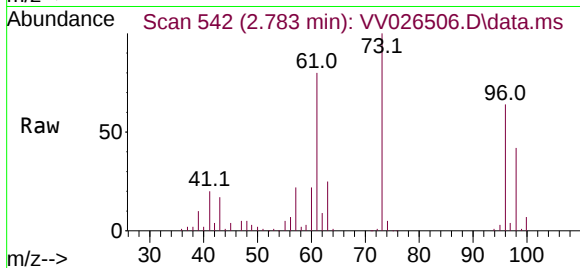


#17
Methyl tert-butyl Ether
Concen: 4.815 ug/L
RT: 2.783 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

Tgt Ion: 73 Resp: 117962

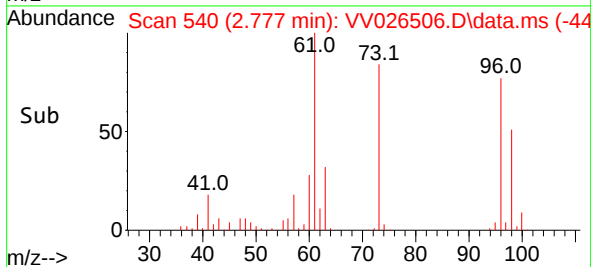
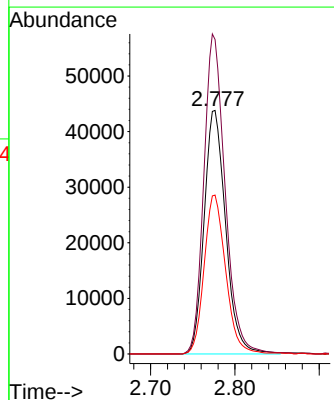
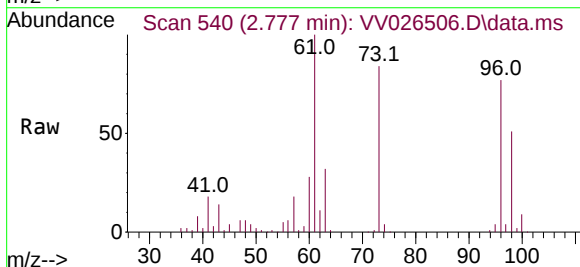
Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.3	19.9
57	21.5	17.2	25.8

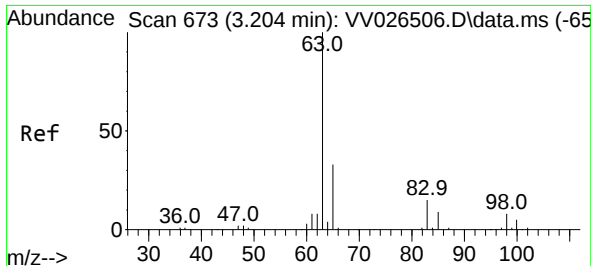


#18
trans-1,2-Dichloroethene
Concen: 5.445 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 96 Resp: 77953

Ion	Ratio	Lower	Upper
96	100		
61	129.1	90.4	167.8
98	65.2	45.6	84.8





#19

1,1-Dichloroethane

Concen: 5.270 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

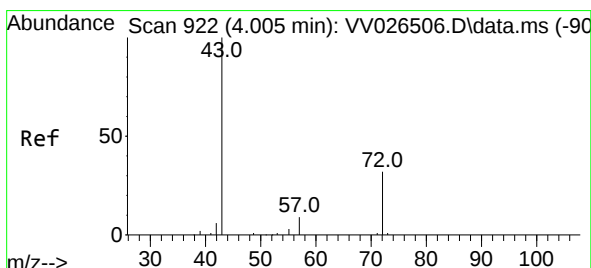
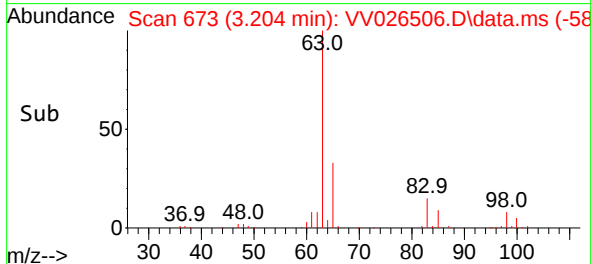
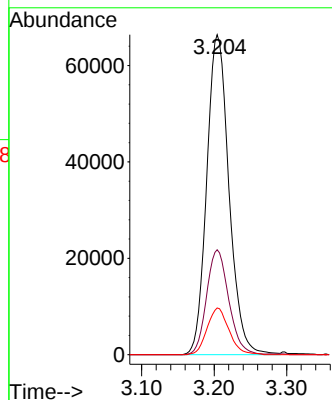
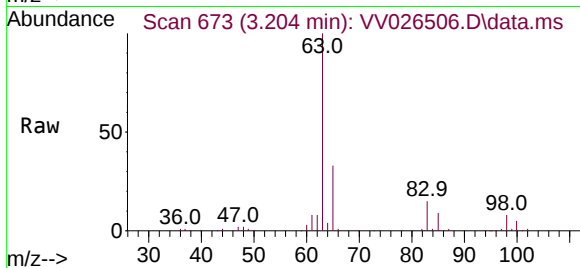
Tgt Ion: 63 Resp: 141646

Ion Ratio Lower Upper

63 100

65 32.8 23.0 42.6

83 14.6 10.2 19.0



#21

2-Butanone

Concen: 41.885 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.000 min

Lab File: VV026506.D

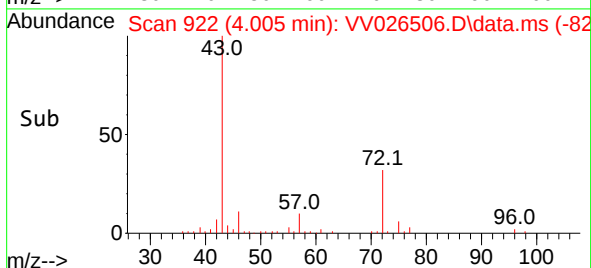
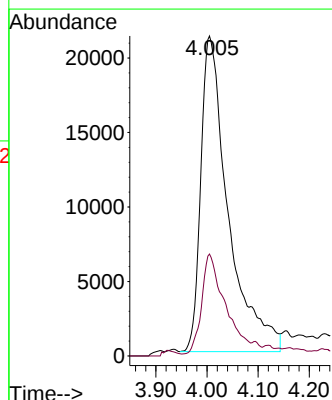
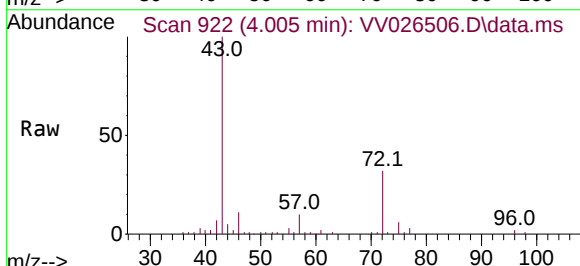
Acq: 23 Jun 2022 11:13

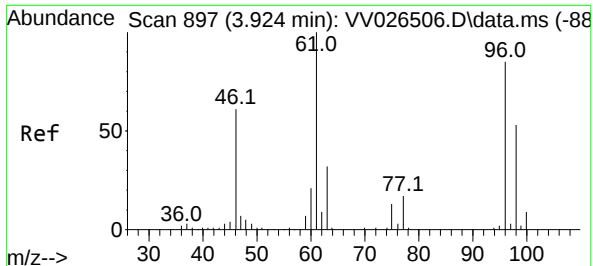
Tgt Ion: 43 Resp: 78905

Ion Ratio Lower Upper

43 100

72 27.0 13.5 40.5

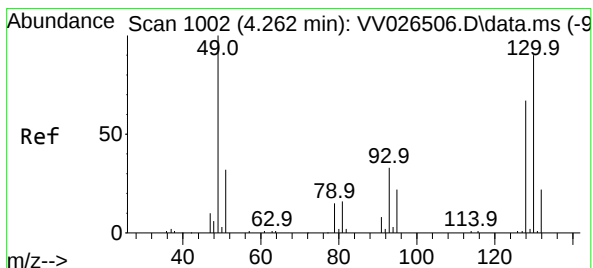
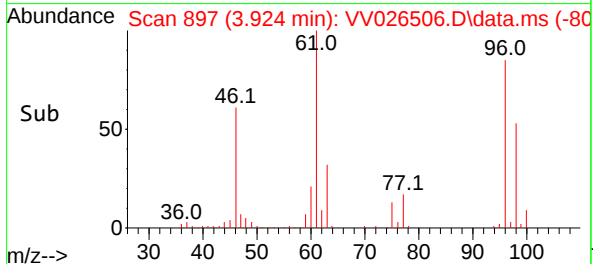
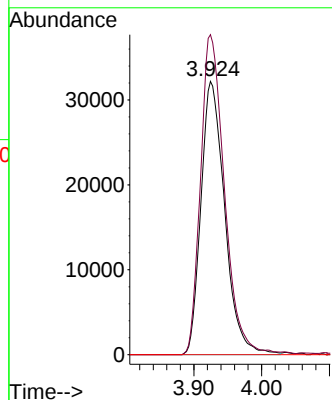
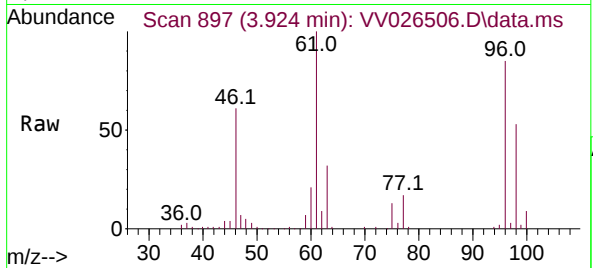




#22
 cis-1,2-Dichloroethene
 Concen: 5.434 ug/L
 RT: 3.924 min Scan# 897
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

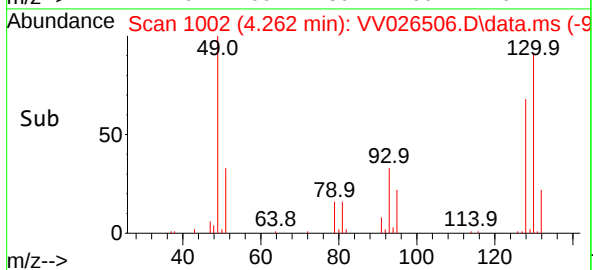
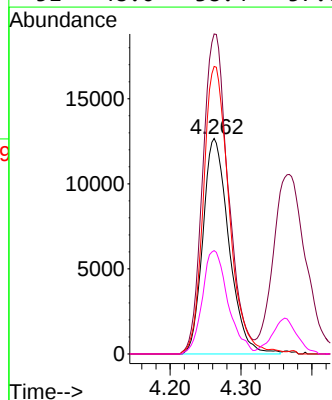
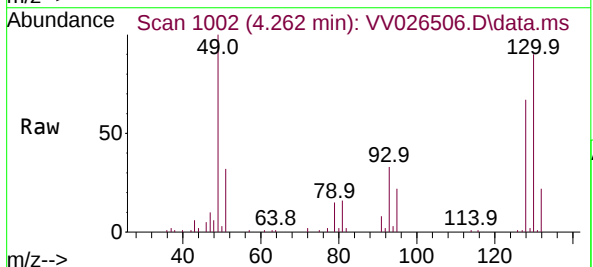
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

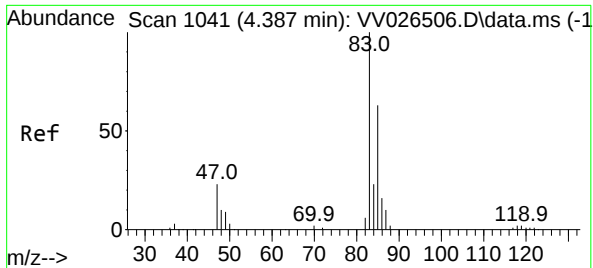
Tgt Ion: 96 Resp: 78473
 Ion Ratio Lower Upper
 96 100
 61 117.1 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.342 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Tgt Ion: 128 Resp: 32193
 Ion Ratio Lower Upper
 128 100
 49 148.5 104.0 193.1
 130 133.5 93.4 173.6
 51 48.0 38.4 57.6

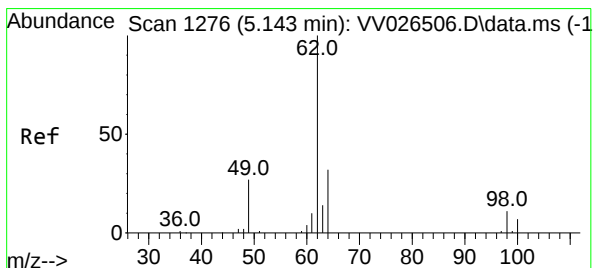
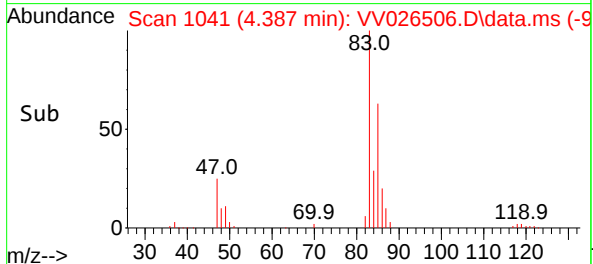
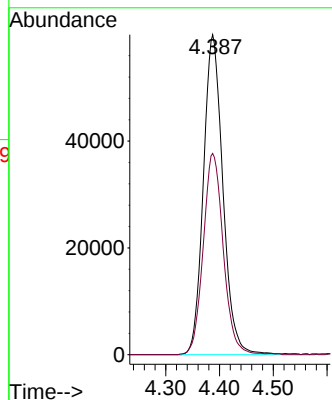
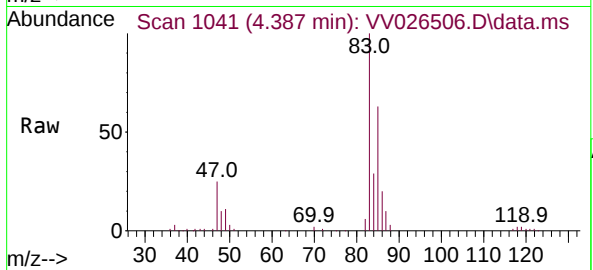




#25
Chloroform
Concen: 5.186 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

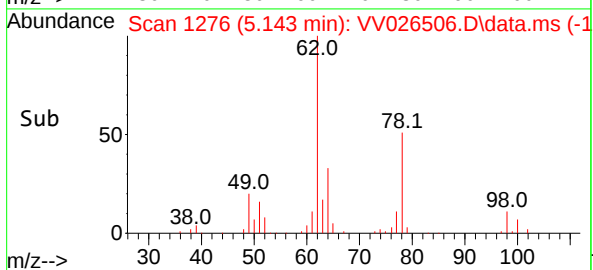
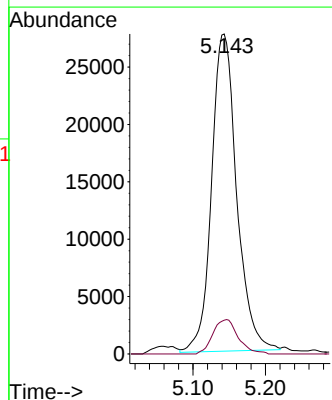
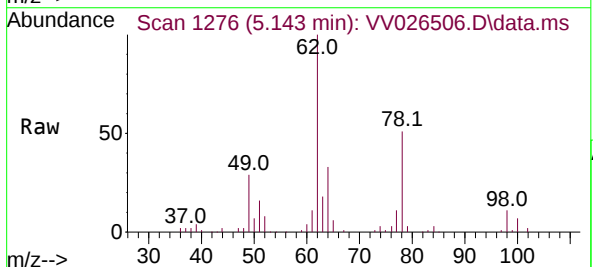
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

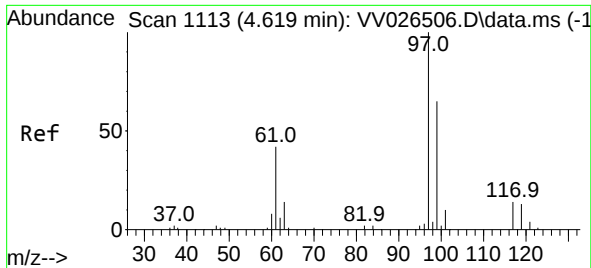
Tgt Ion: 83 Resp: 150973
Ion Ratio Lower Upper
83 100
85 62.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 5.062 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 62 Resp: 66581
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.637 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

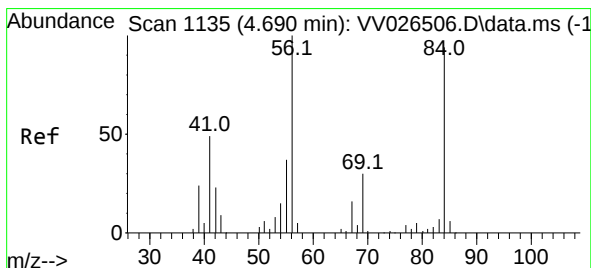
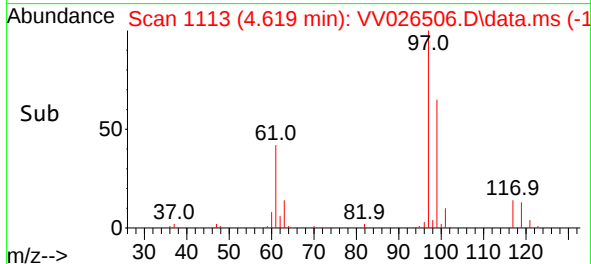
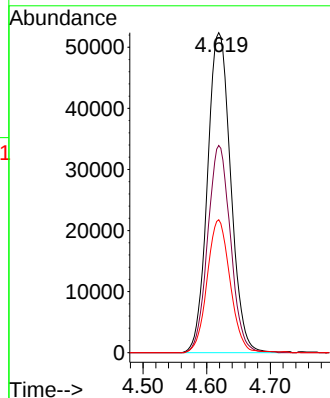
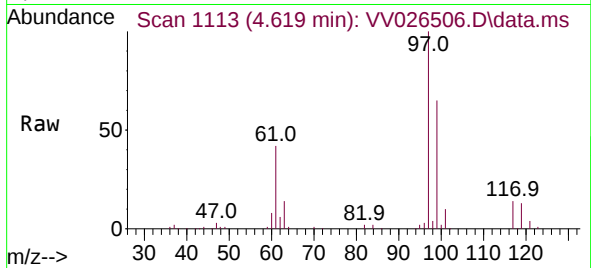
Tgt Ion: 97 Resp: 132804

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 41.2 33.0 49.4



#30

Cyclohexane

Concen: 5.910 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

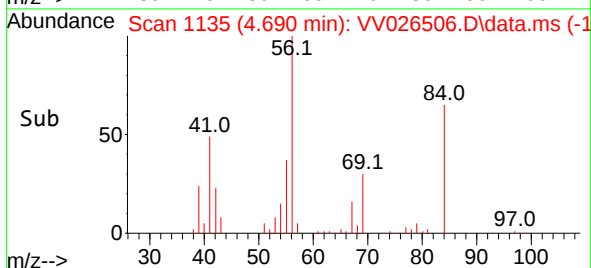
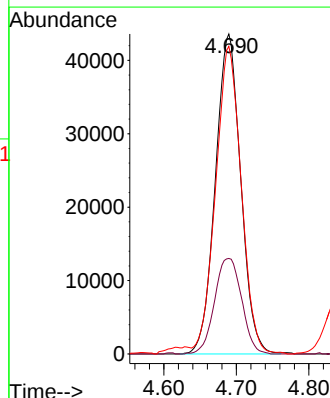
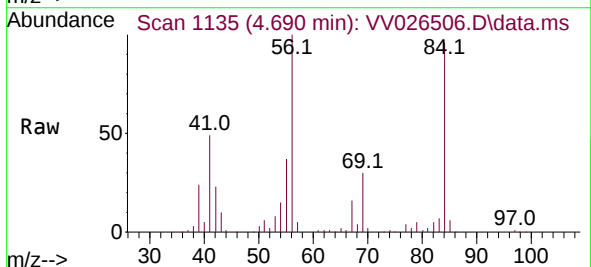
Tgt Ion: 56 Resp: 105829

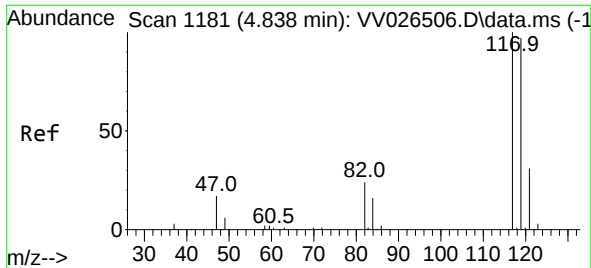
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 97.2 77.8 116.6

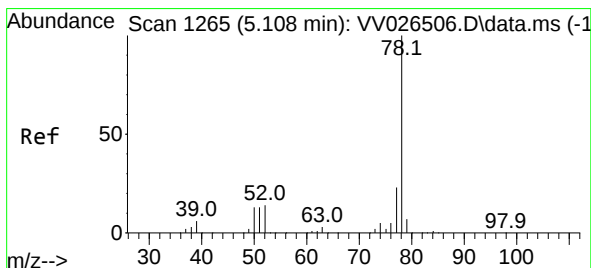
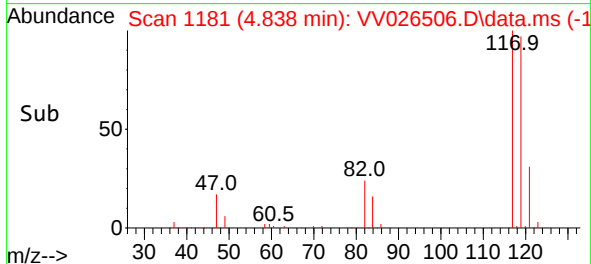
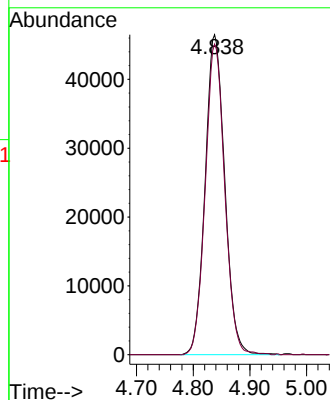
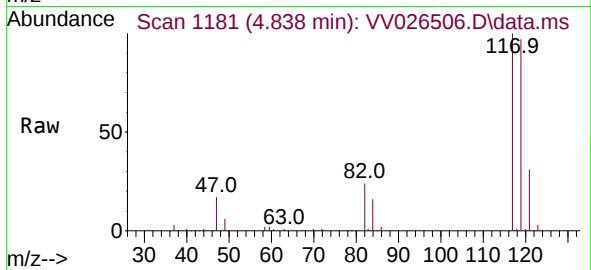




#31
Carbon tetrachloride
Concen: 5.608 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

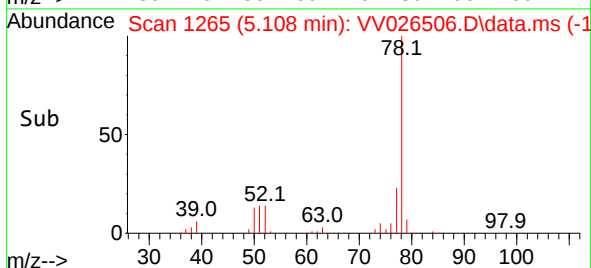
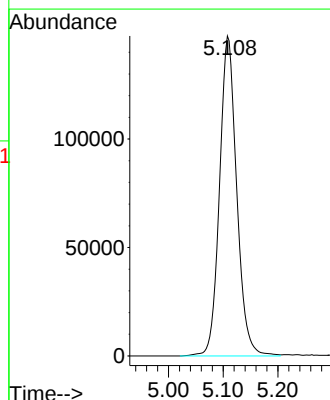
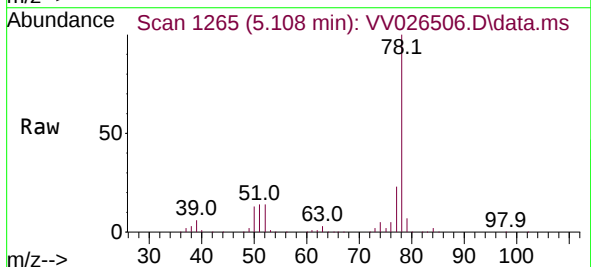
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

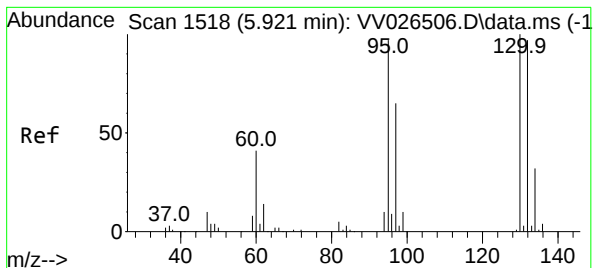
Tgt Ion:117 Resp: 112095
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 5.853 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 78 Resp: 321659





#34

Trichloroethene

Concen: 5.412 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

Tgt Ion: 95 Resp: 80666

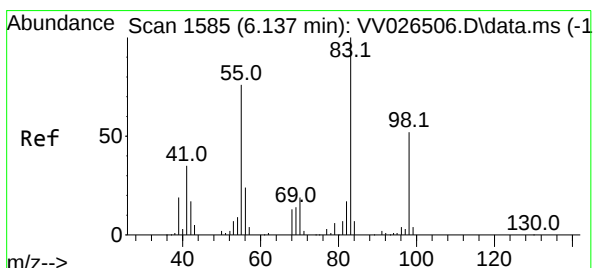
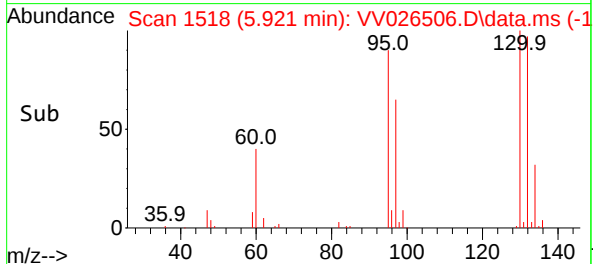
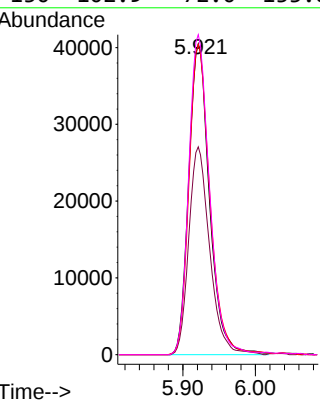
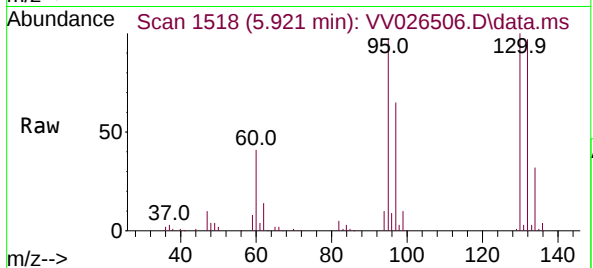
Ion Ratio Lower Upper

95 100

97 66.9 46.8 87.0

132 99.8 69.9 129.7

130 102.9 72.0 133.8



#35

Methylcyclohexane

Concen: 5.875 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

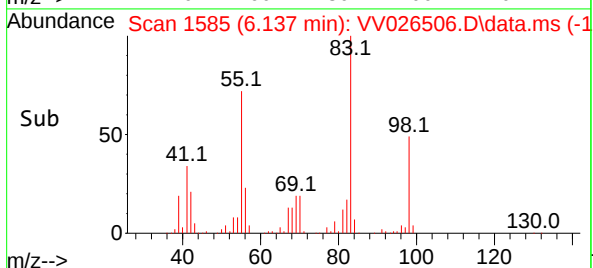
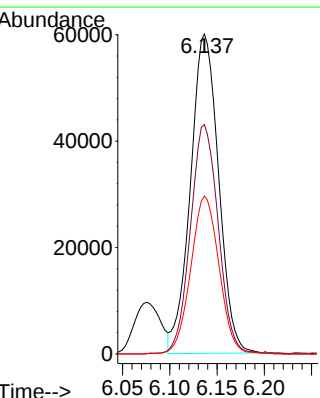
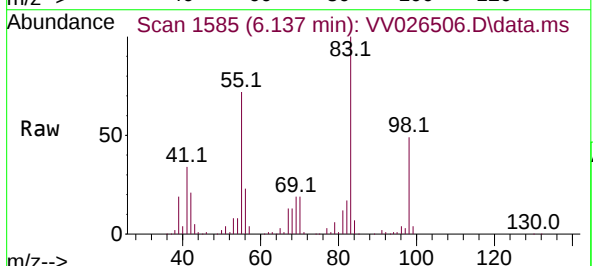
Tgt Ion: 83 Resp: 124223

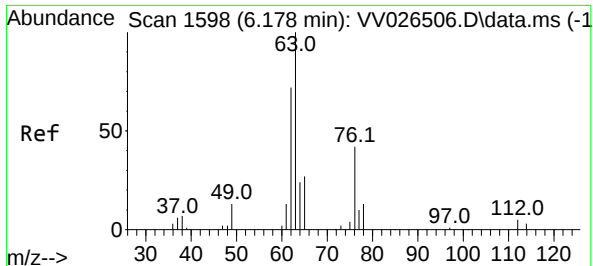
Ion Ratio Lower Upper

83 100

55 71.2 57.0 85.4

98 49.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.314 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

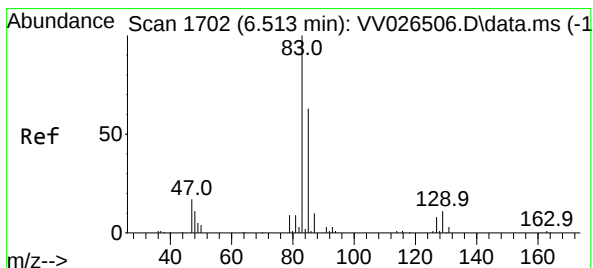
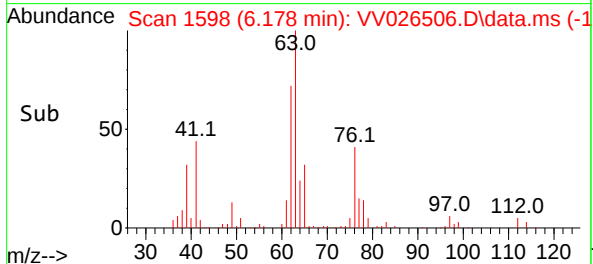
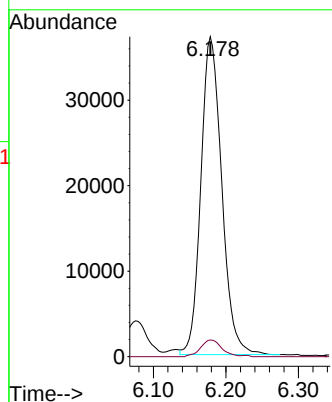
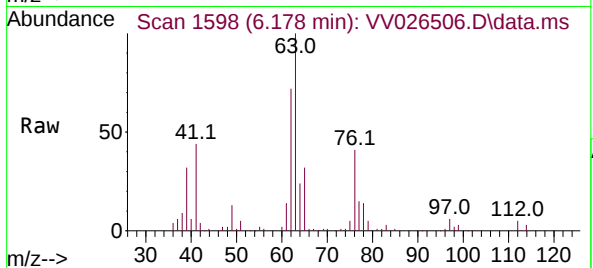
VSTD005275

Tgt Ion: 63 Resp: 74393

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.4



#38

Bromodichloromethane

Concen: 5.123 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

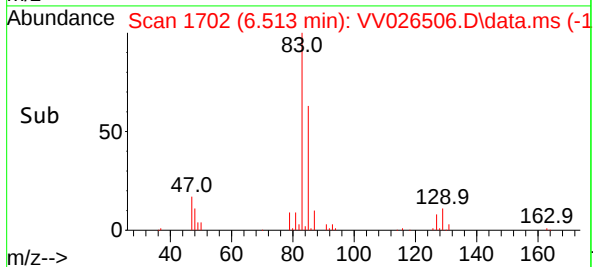
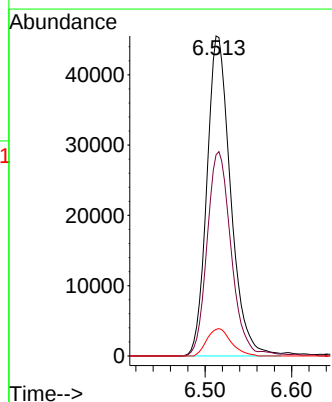
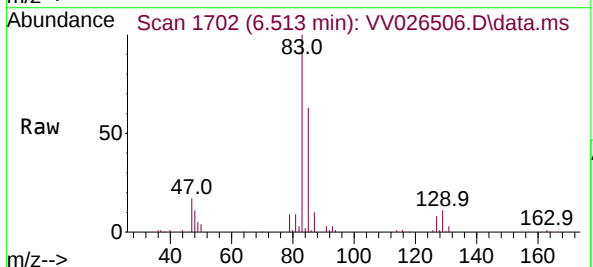
Tgt Ion: 83 Resp: 86594

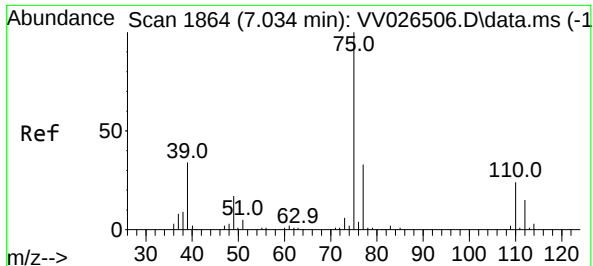
Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.718 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

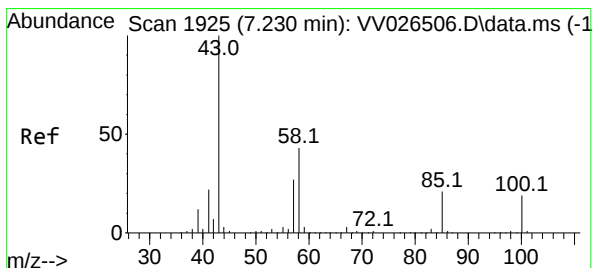
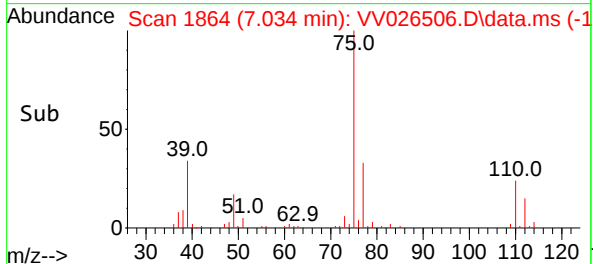
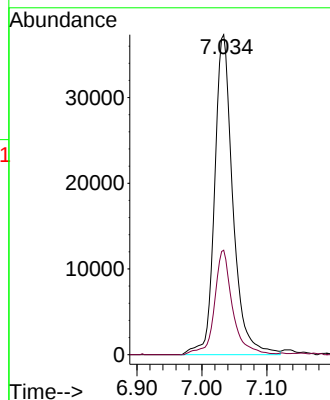
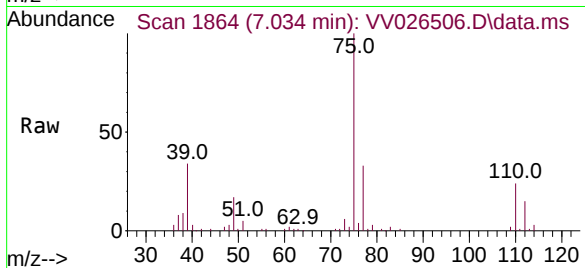
VSTD005275

Tgt Ion: 75 Resp: 72829

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 50.030 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

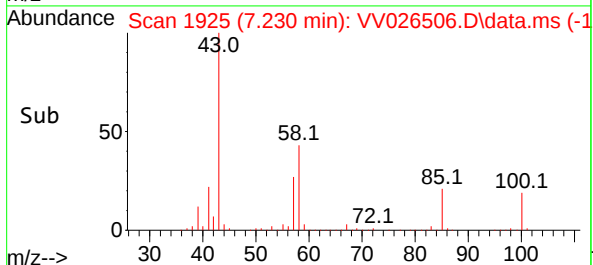
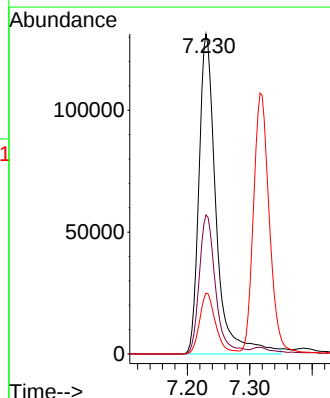
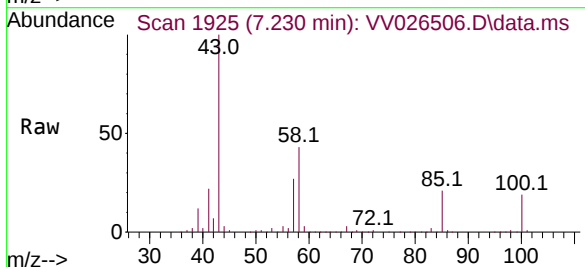
Tgt Ion: 43 Resp: 250176

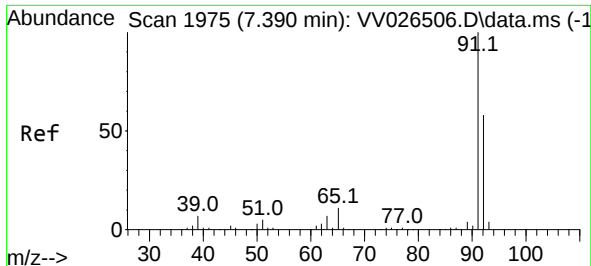
Ion Ratio Lower Upper

43 100

58 41.6 33.3 49.9

100 17.9 14.3 21.5





#42

Toluene

Concen: 6.008 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

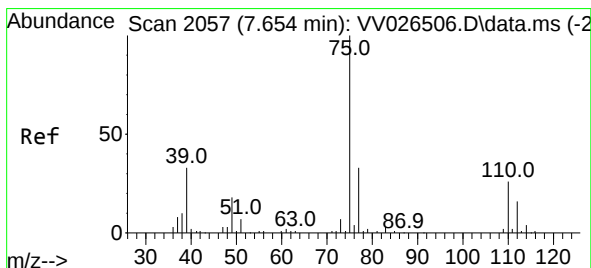
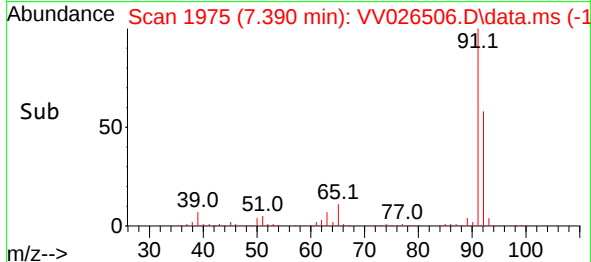
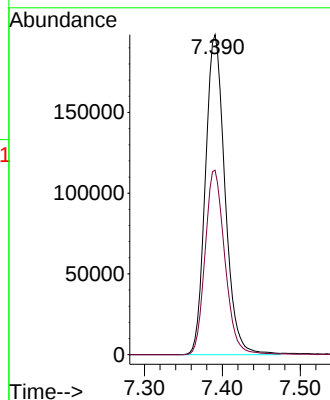
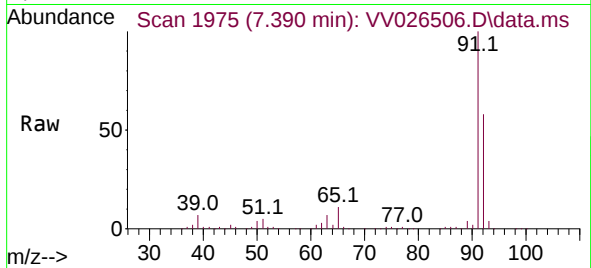
VSTD005275

Tgt Ion: 91 Resp: 345807

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026506.D

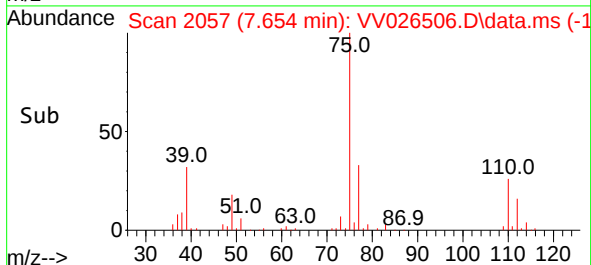
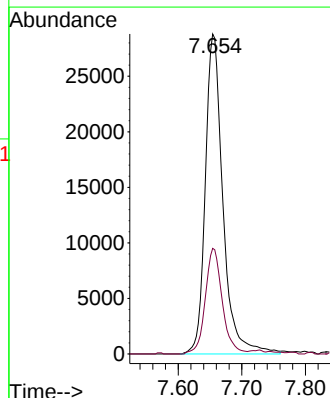
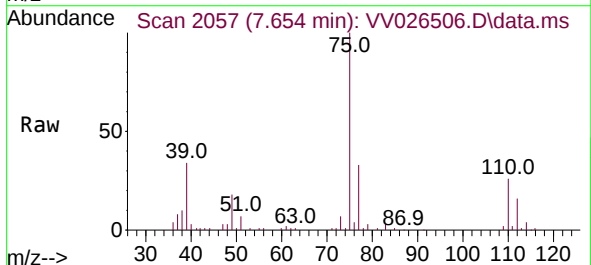
Acq: 23 Jun 2022 11:13

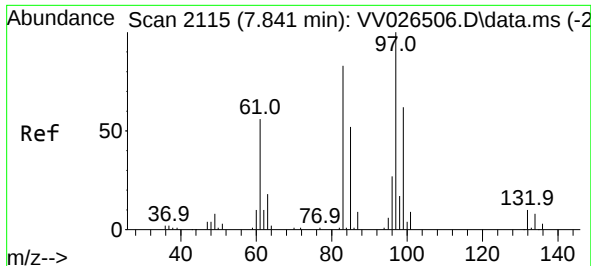
Tgt Ion: 75 Resp: 55451

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9



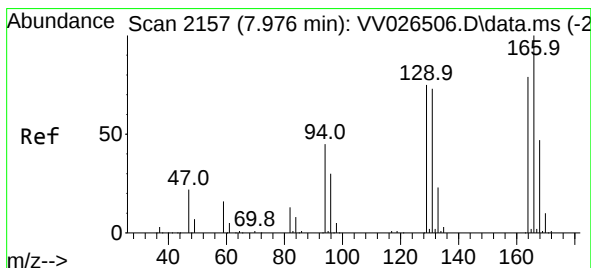
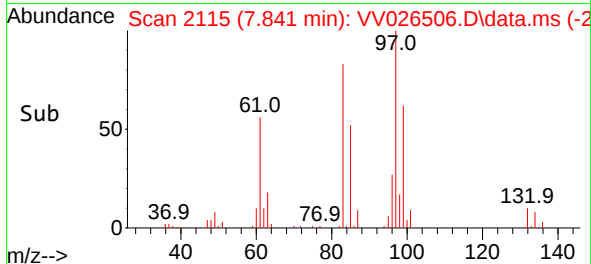
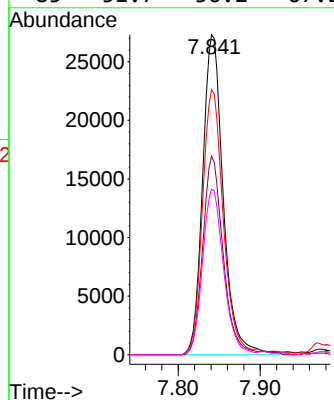
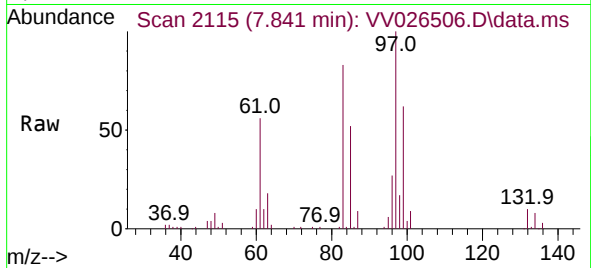


#45
1,1,2-Trichloroethane
Concen: 5.206 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

Tgt Ion: 97 Resp: 47714

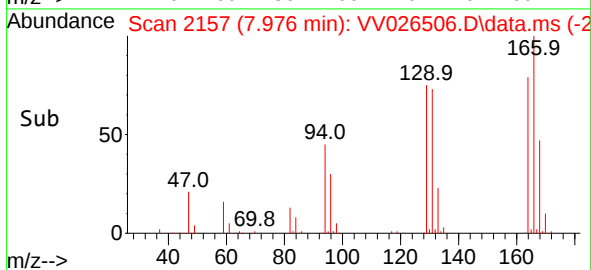
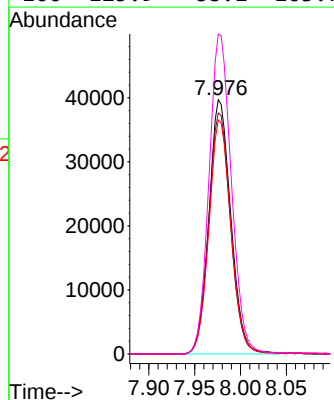
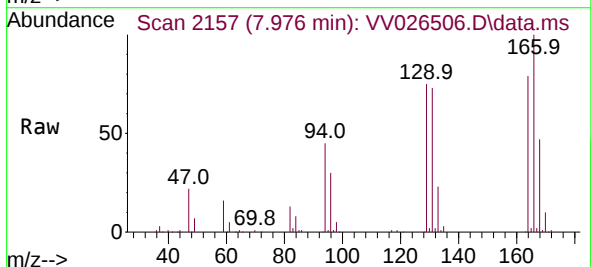
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.4	80.6
83	82.9	58.0	107.8
85	51.7	36.2	67.2

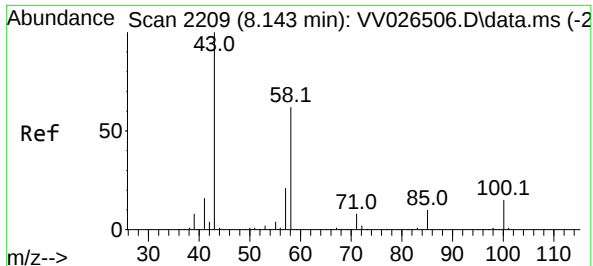


#47
Tetrachloroethene
Concen: 5.892 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 164 Resp: 65975

Ion	Ratio	Lower	Upper
164	100		
129	94.8	66.4	123.2
131	92.0	64.4	119.6
166	125.9	88.1	163.7



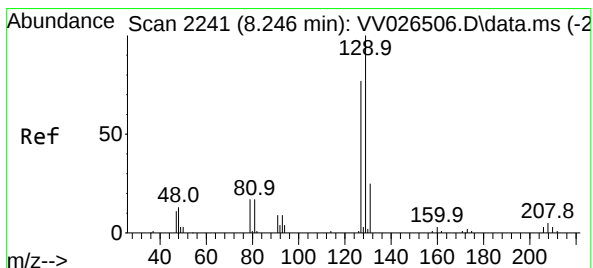
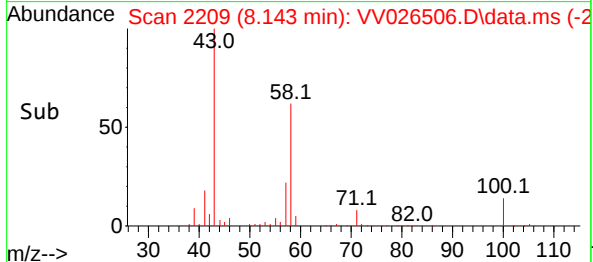
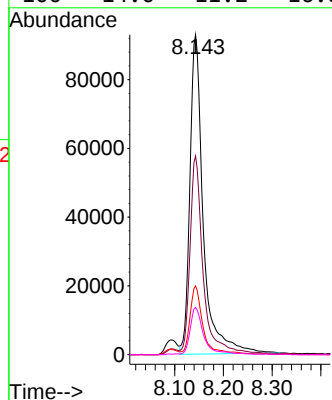
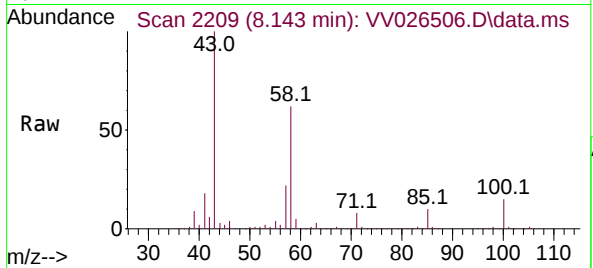


#48
2-Hexanone
Concen: 50.368 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

Tgt Ion: 43 Resp: 177704

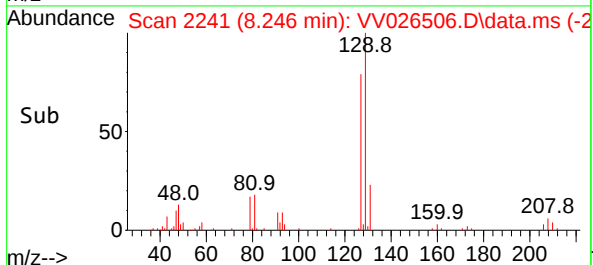
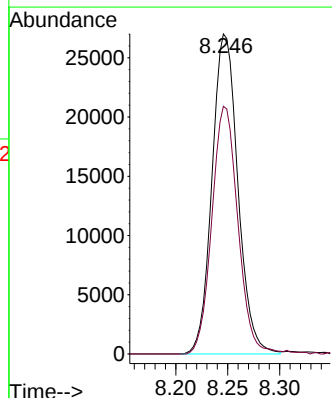
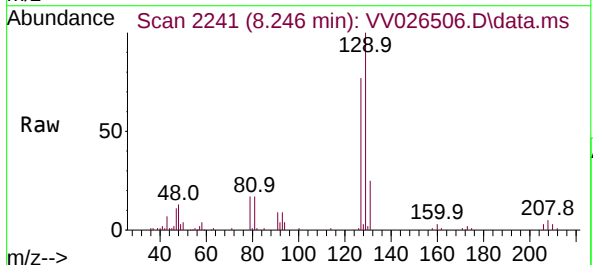
Ion	Ratio	Lower	Upper
43	100		
58	59.7	47.8	71.6
57	18.8	15.0	22.6
100	14.0	11.2	16.8

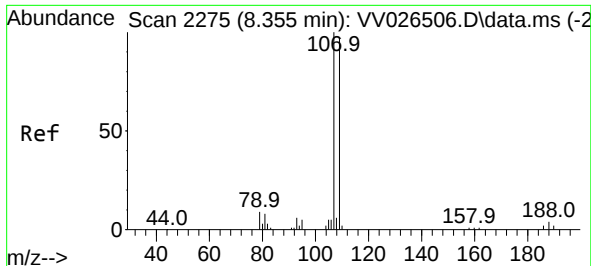


#49
Dibromochloromethane
Concen: 4.727 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 129 Resp: 46823

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.305 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

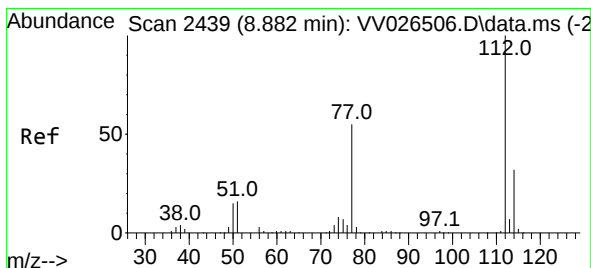
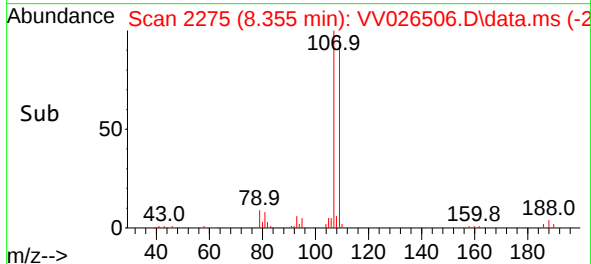
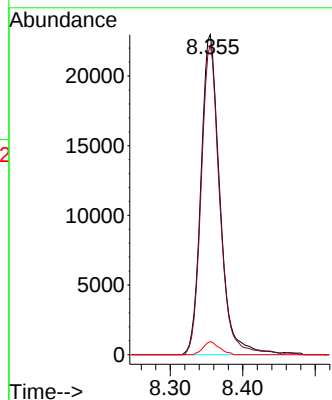
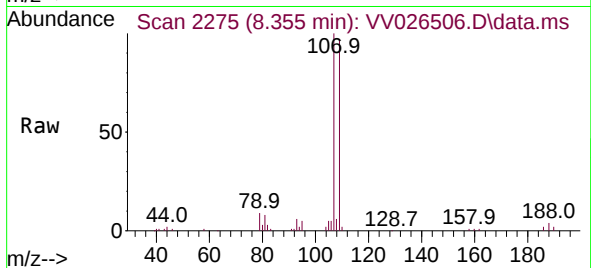
Tgt Ion:107 Resp: 41701

Ion Ratio Lower Upper

107 100

109 96.8 67.8 125.8

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 5.632 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

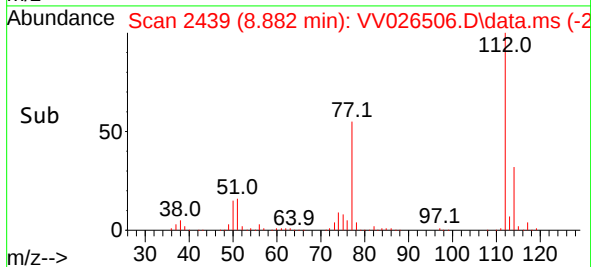
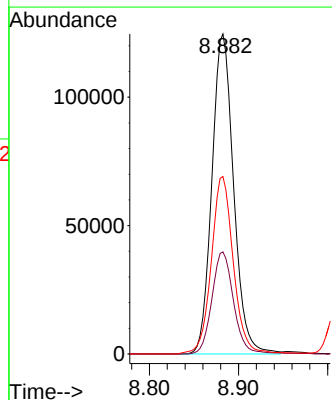
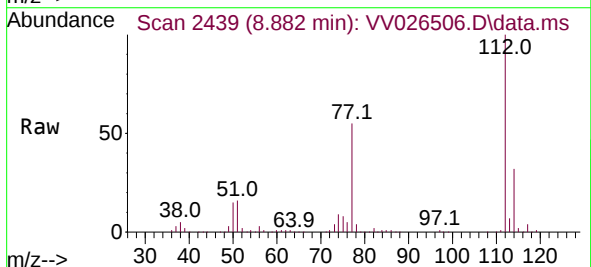
Tgt Ion:112 Resp: 211183

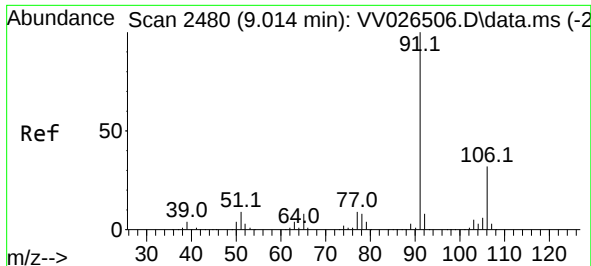
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 55.5 44.4 66.6

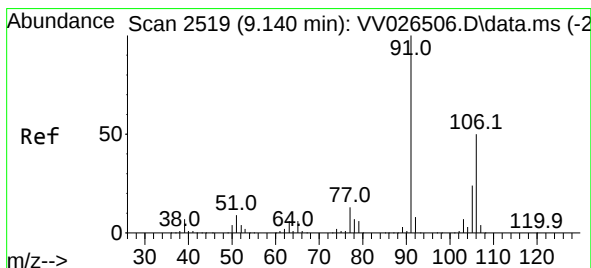
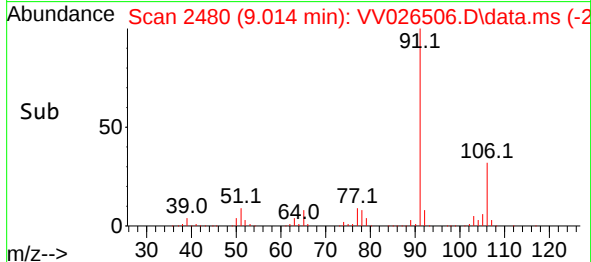
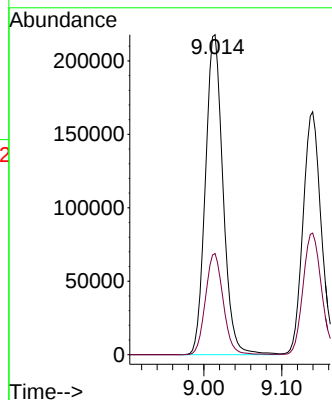
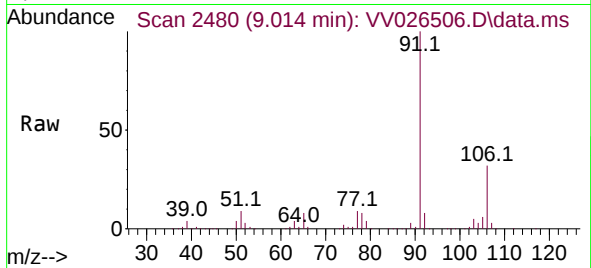




#52
Ethylbenzene
Concen: 5.891 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

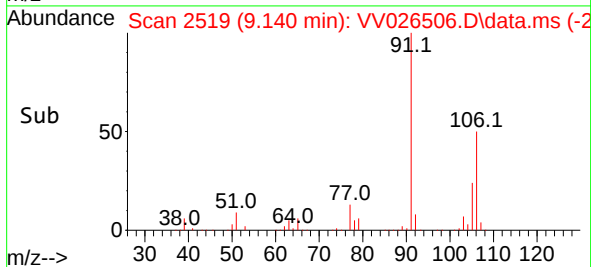
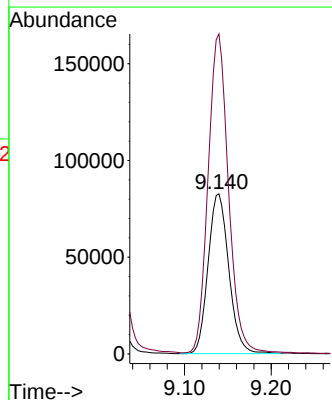
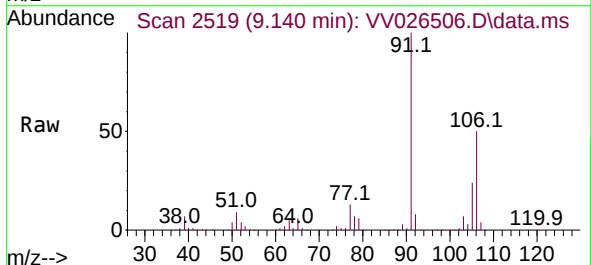
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

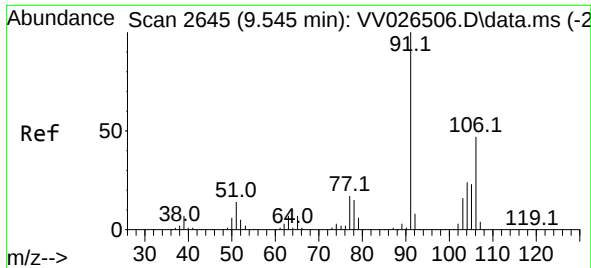
Tgt Ion: 91 Resp: 342405
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 6.023 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 106 Resp: 137334
Ion Ratio Lower Upper
106 100
91 199.9 139.9 259.9

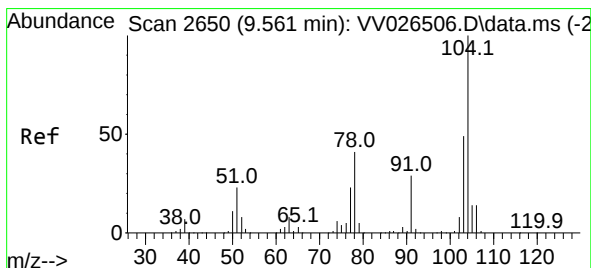
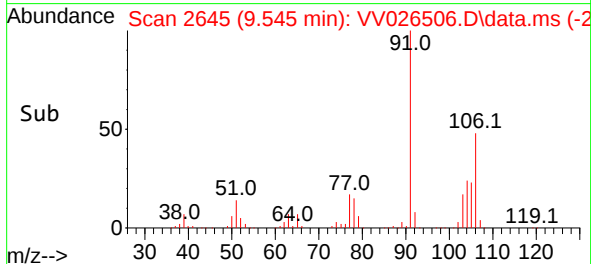
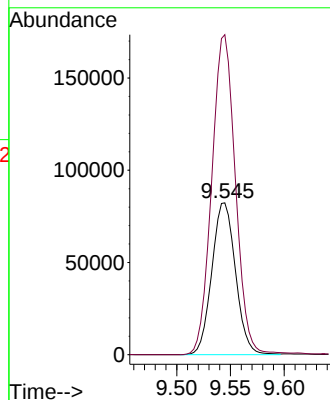
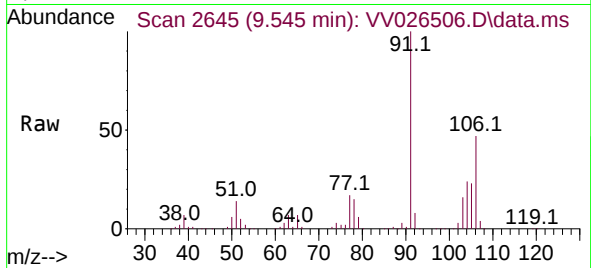




#54
o-Xylene
Concen: 5.798 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

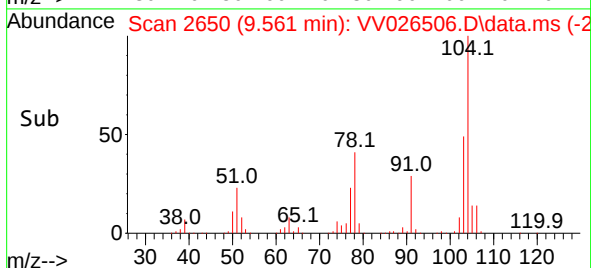
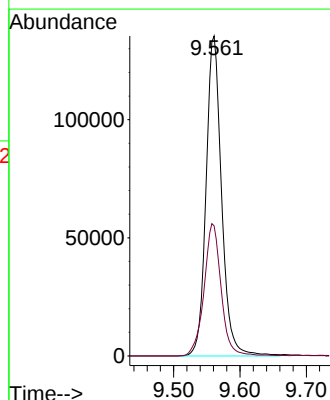
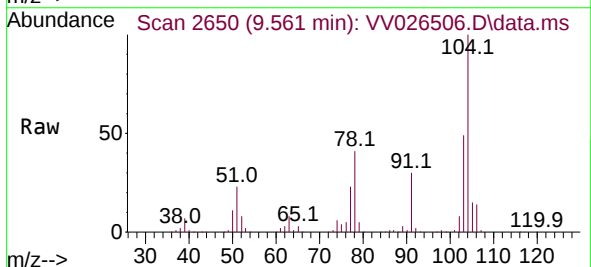
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

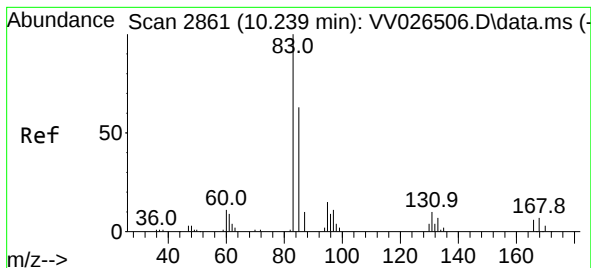
Tgt Ion:106 Resp: 126348
Ion Ratio Lower Upper
106 100
91 210.7 147.5 273.9



#55
Styrene
Concen: 6.024 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion:104 Resp: 220547
Ion Ratio Lower Upper
104 100
78 40.6 28.4 52.8

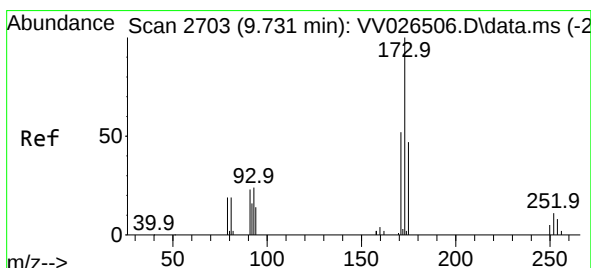
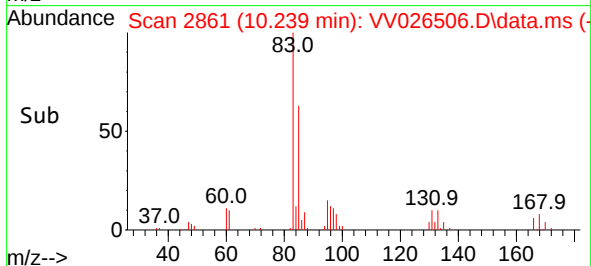
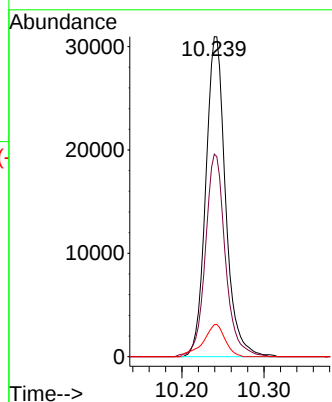
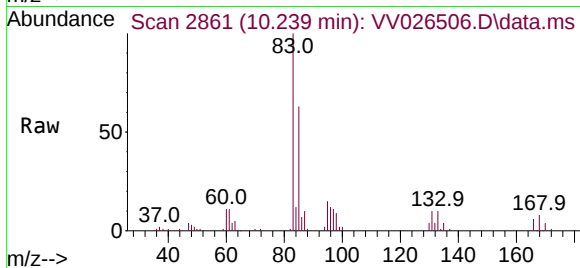




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.438 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

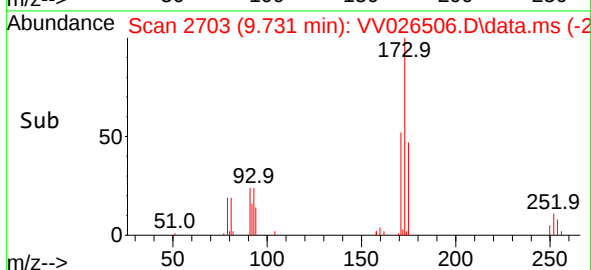
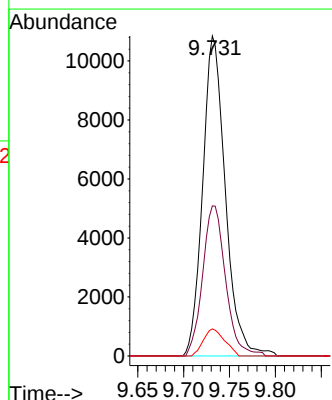
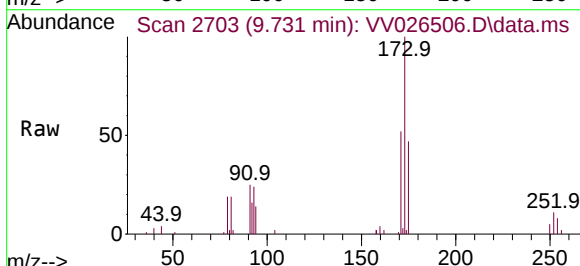
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

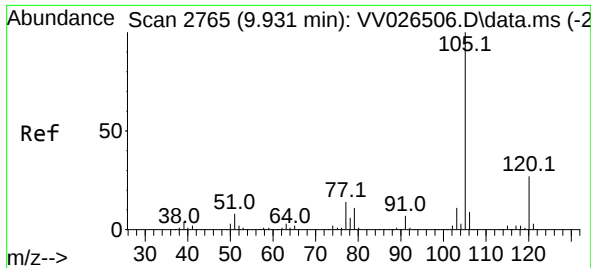
Tgt Ion: 83 Resp: 51789
 Ion Ratio Lower Upper
 83 100
 85 63.3 44.3 82.3
 131 10.0 8.0 12.0



#59
 Bromoform
 Concen: 4.180 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Tgt Ion: 173 Resp: 18638
 Ion Ratio Lower Upper
 173 100
 175 47.4 37.9 56.9
 254 7.9 6.3 9.5

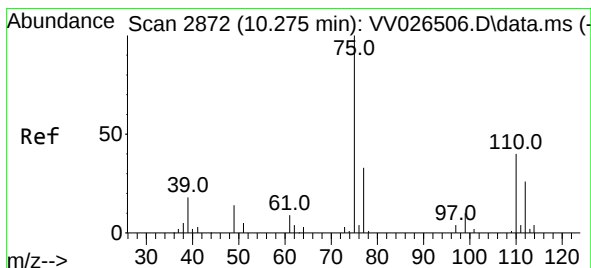
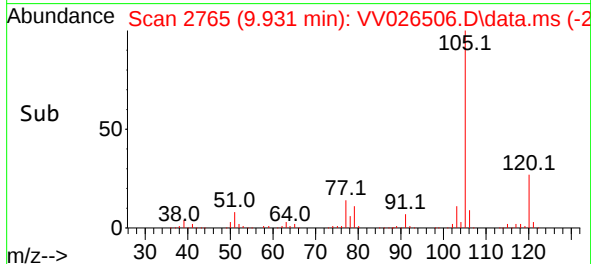
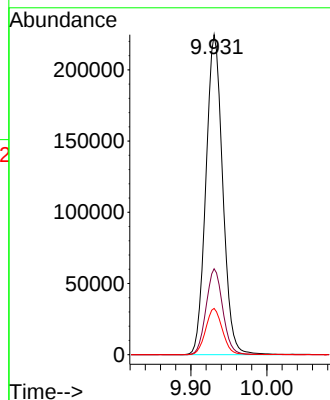
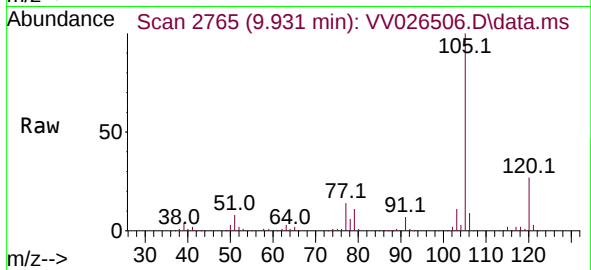




#60
Isopropylbenzene
Concen: 5.863 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

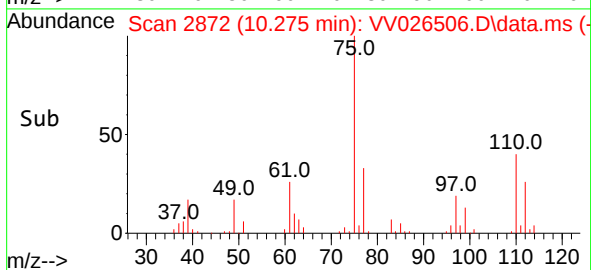
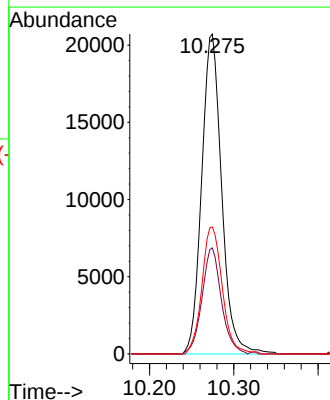
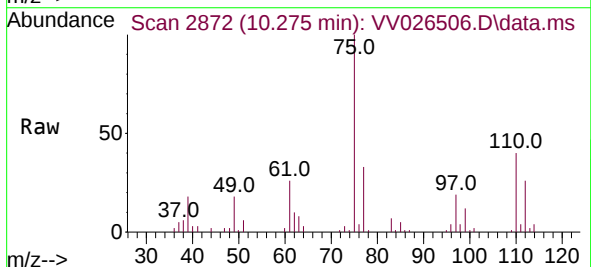
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

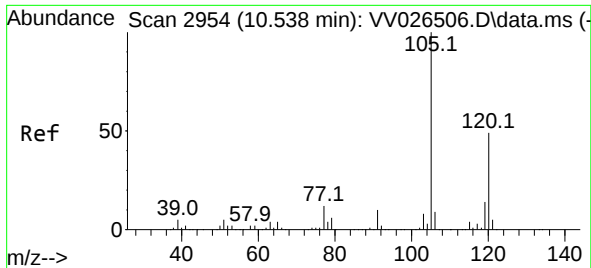
Tgt Ion:105 Resp: 344512
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.993 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion: 75 Resp: 34215
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 40.6 32.5 48.7

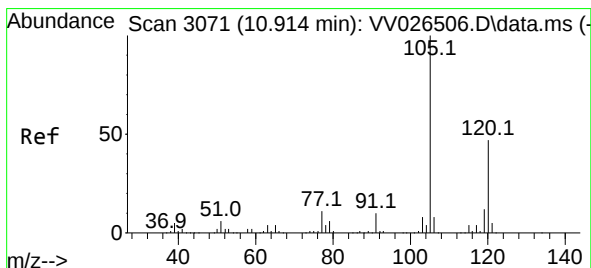
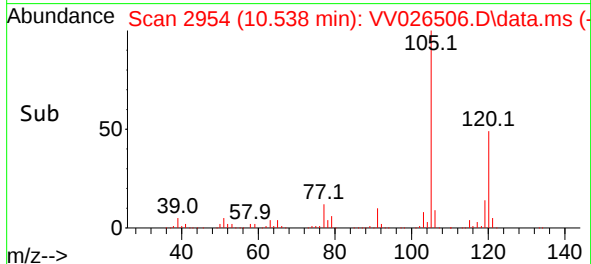
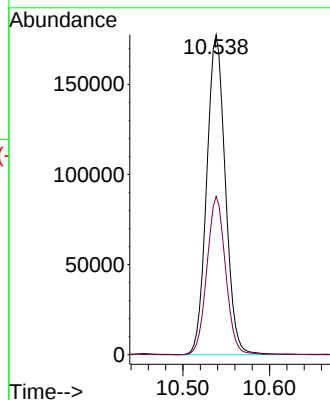
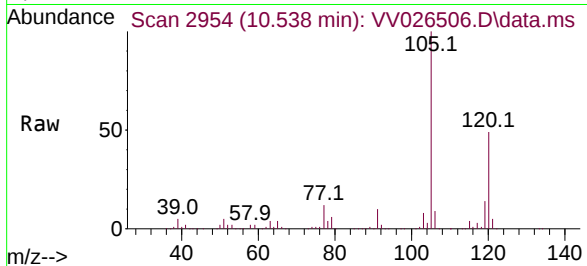




#62
1,3,5-Trimethylbenzene
Concen: 5.684 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

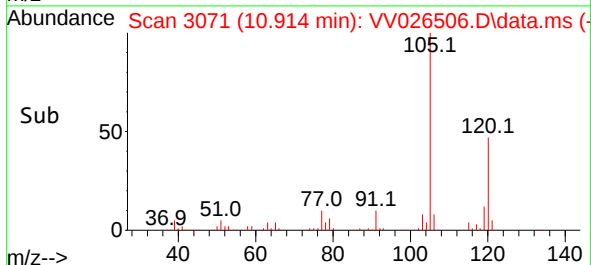
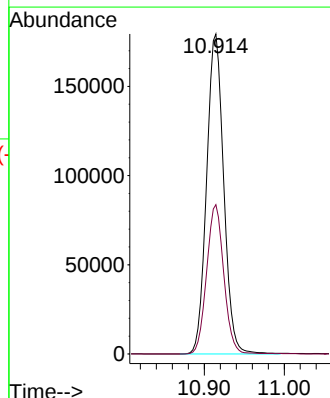
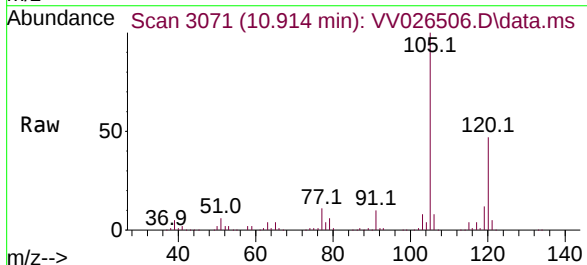
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

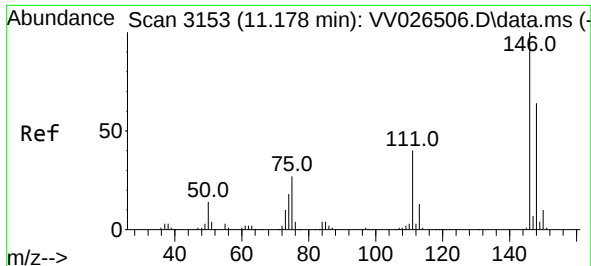
Tgt Ion:105 Resp: 265486
Ion Ratio Lower Upper
105 100
120 49.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.774 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion:105 Resp: 267193
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2

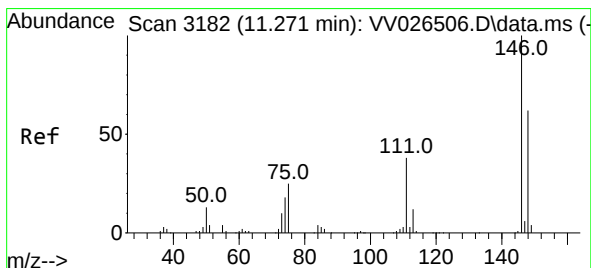
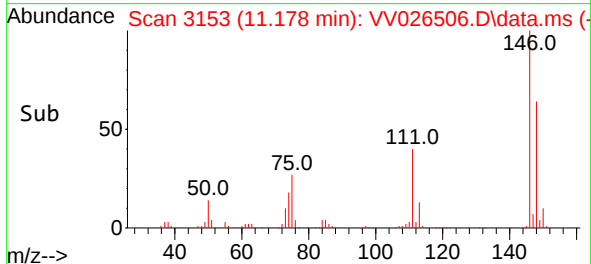
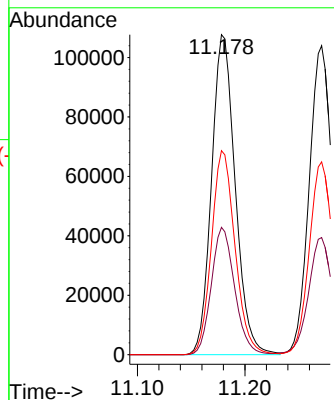
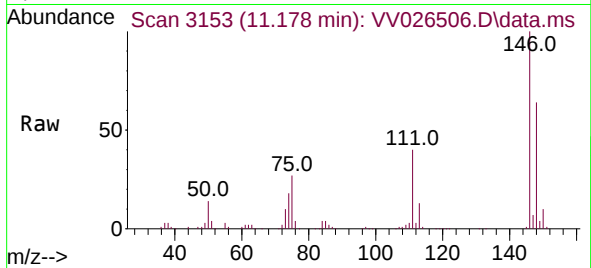




#64
1,3-Dichlorobenzene
Concen: 5.750 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

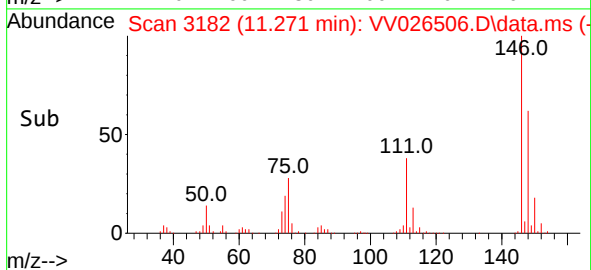
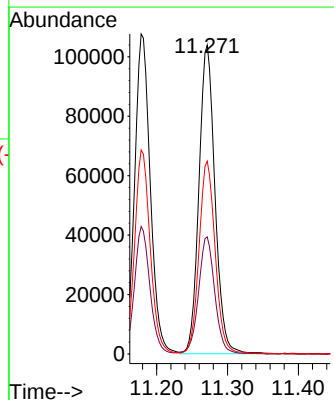
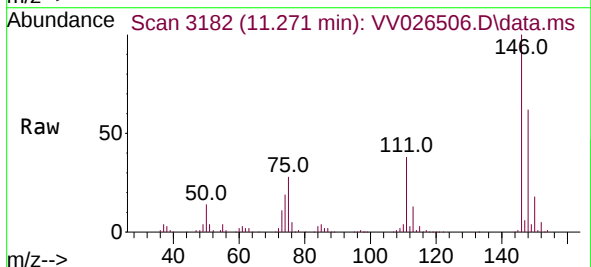
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

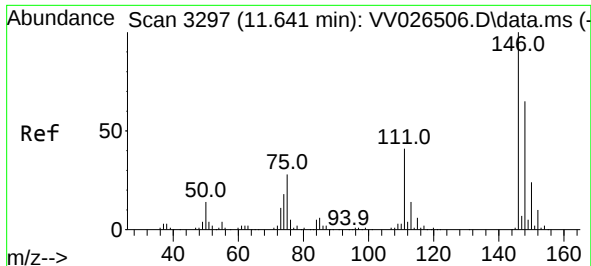
Tgt Ion:146 Resp: 164743
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.627 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026506.D
Acq: 23 Jun 2022 11:13

Tgt Ion:146 Resp: 163128
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 62.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.472 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

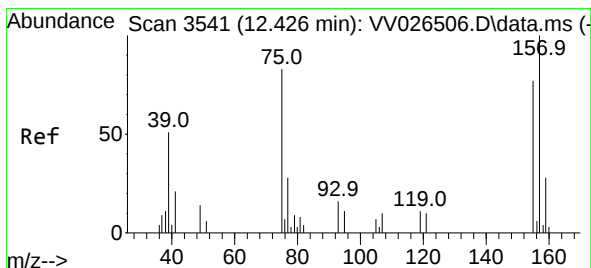
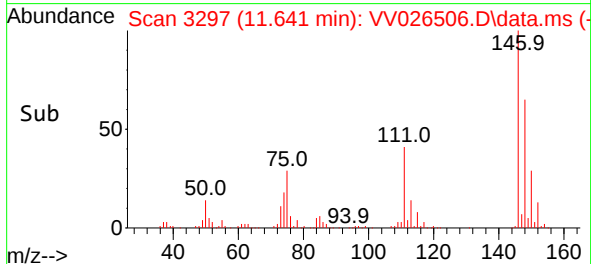
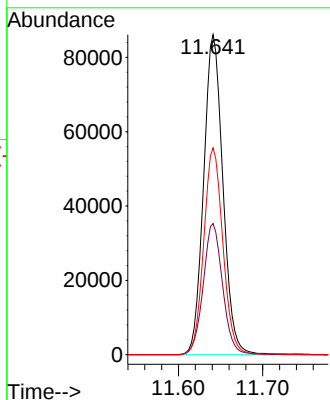
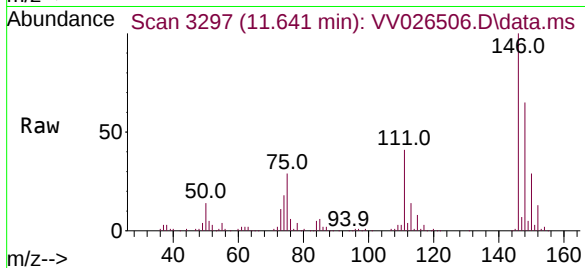
Tgt Ion:146 Resp: 137250

Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

148 64.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.388 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

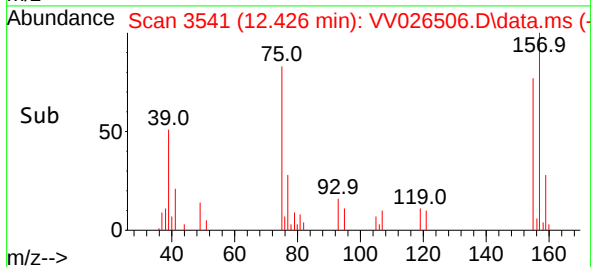
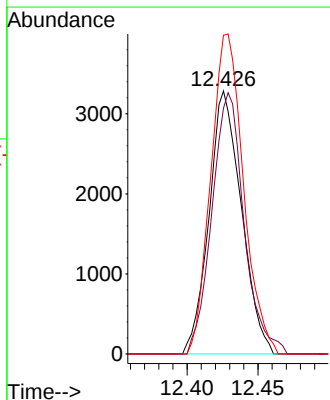
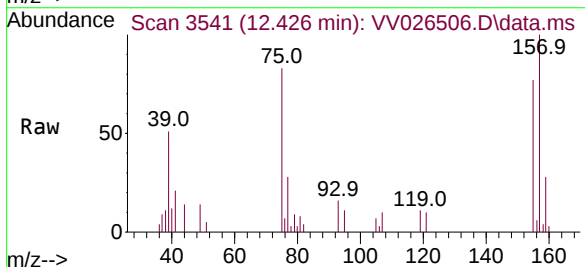
Tgt Ion: 75 Resp: 5215

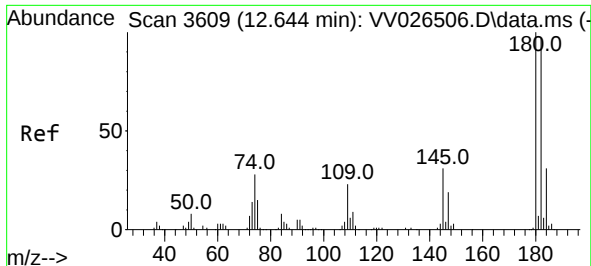
Ion Ratio Lower Upper

75 100

155 93.4 74.7 112.1

157 121.1 96.9 145.3



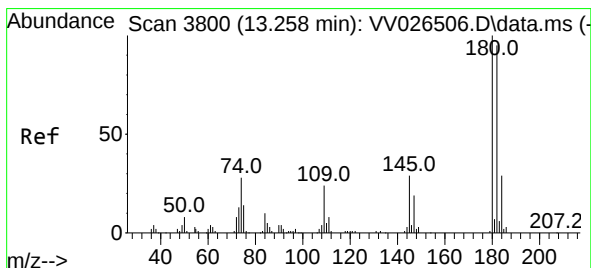
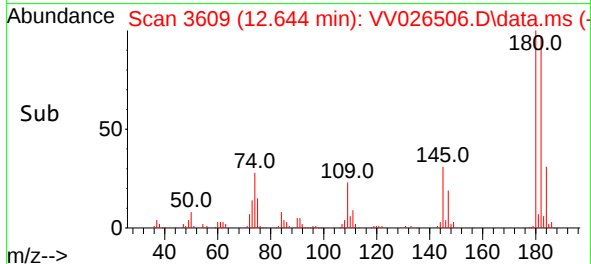
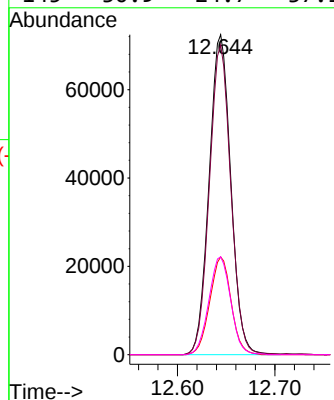
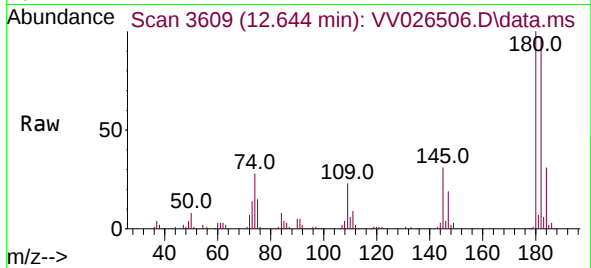


#69
 1,3,5-Trichlorobenzene
 Concen: 5.444 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

Tgt Ion:180 Resp: 111753

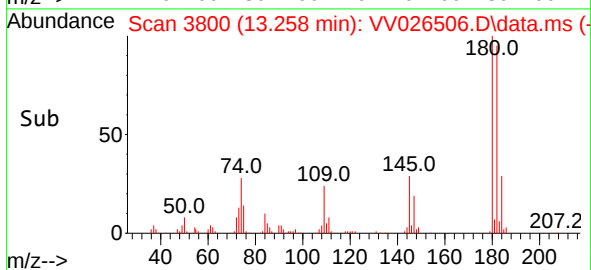
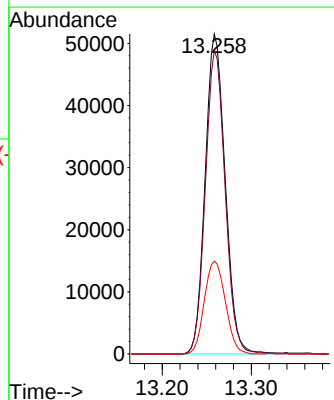
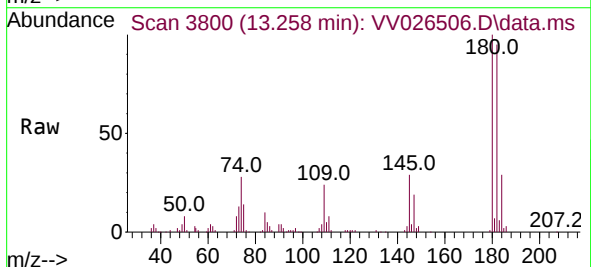
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
184	30.1	24.1	36.1
145	30.9	24.7	37.1

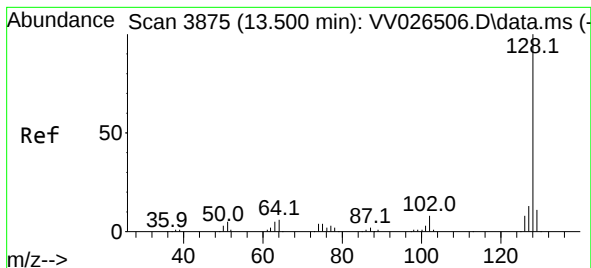


#70
 1,2,4-trichlorobenzene
 Concen: 5.298 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026506.D
 Acq: 23 Jun 2022 11:13

Tgt Ion:180 Resp: 80177

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
145	30.5	24.4	36.6





#71

Naphthalene

Concen: 4.666 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

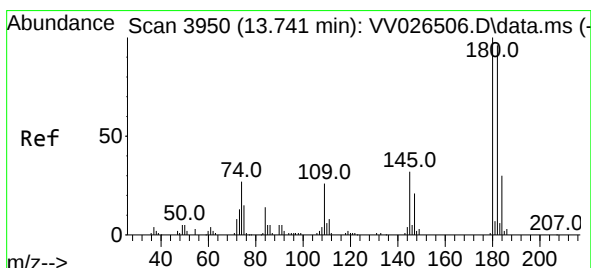
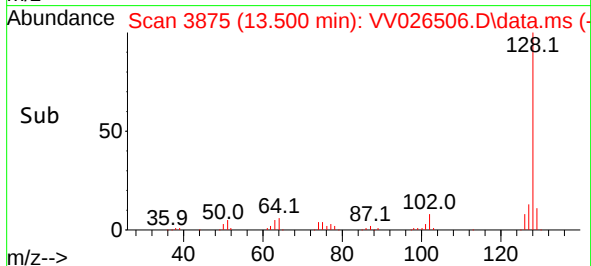
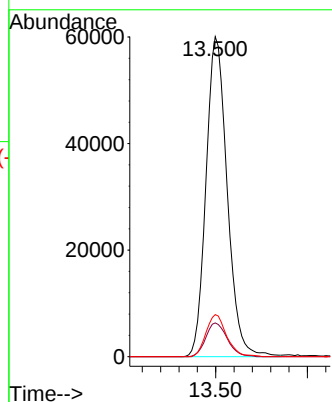
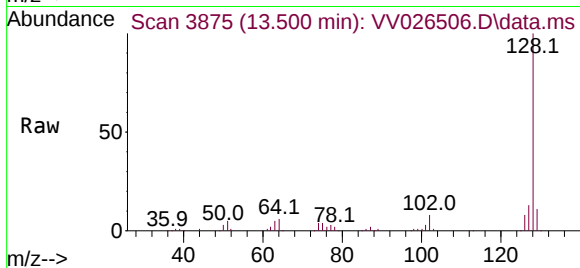
Tgt Ion:128 Resp: 96399

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.107 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026506.D

Acq: 23 Jun 2022 11:13

Tgt Ion:180 Resp: 63976

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 32.2 25.8 38.6

