

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025399.D
 Acq On : 07 Apr 2022 21:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

Quant Time: Apr 08 01:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	73247	4.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.571	69	67122	5.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.114	63	142135	4.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.892	46	88130	59.683	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	4.352	84	106665	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	5.034	65	46259	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.053	84	217110	5.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
36) 1,2-Dichloropropane-d6	6.072	67	59014	5.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.317	98	202927	5.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
43) trans-1,3-Dichloroprop...	7.625	79	19604	5.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.400%
46) 2-Hexanone-d5	8.088	63	70457	56.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38070	5.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	67562	5.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	62691	3.955	ug/L	100
3) Chloromethane	1.243	50	73740	3.944	ug/L	100
5) Vinyl chloride	1.314	62	82792	3.965	ug/L	97
6) Bromomethane	1.526	94	54537	4.400	ug/L	97
8) Chloroethane	1.587	64	61316	4.679	ug/L	96
9) Trichlorofluoromethane	1.757	101	117045	4.146	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	59636	3.557	ug/L	98
12) 1,1-Dichloroethene	2.124	96	65720	4.113	ug/L	95
13) Acetone	2.179	43	62118	55.129	ug/L	77
14) Carbon disulfide	2.298	76	141151	4.264	ug/L	99
15) Methyl Acetate	2.439	43	15071	5.875	ug/L	95
16) Methylene chloride	2.510	84	60406	4.815	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	114017	5.641	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	55903	4.875	ug/L	98
19) 1,1-Dichloroethane	3.195	63	101092	5.281	ug/L	97
21) 2-Butanone	3.976	43	91624	59.095	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	62558	5.369	ug/L	99
23) Bromochloromethane	4.256	128	26293	5.410	ug/L	92
25) Chloroform	4.378	83	110203	5.188	ug/L	100

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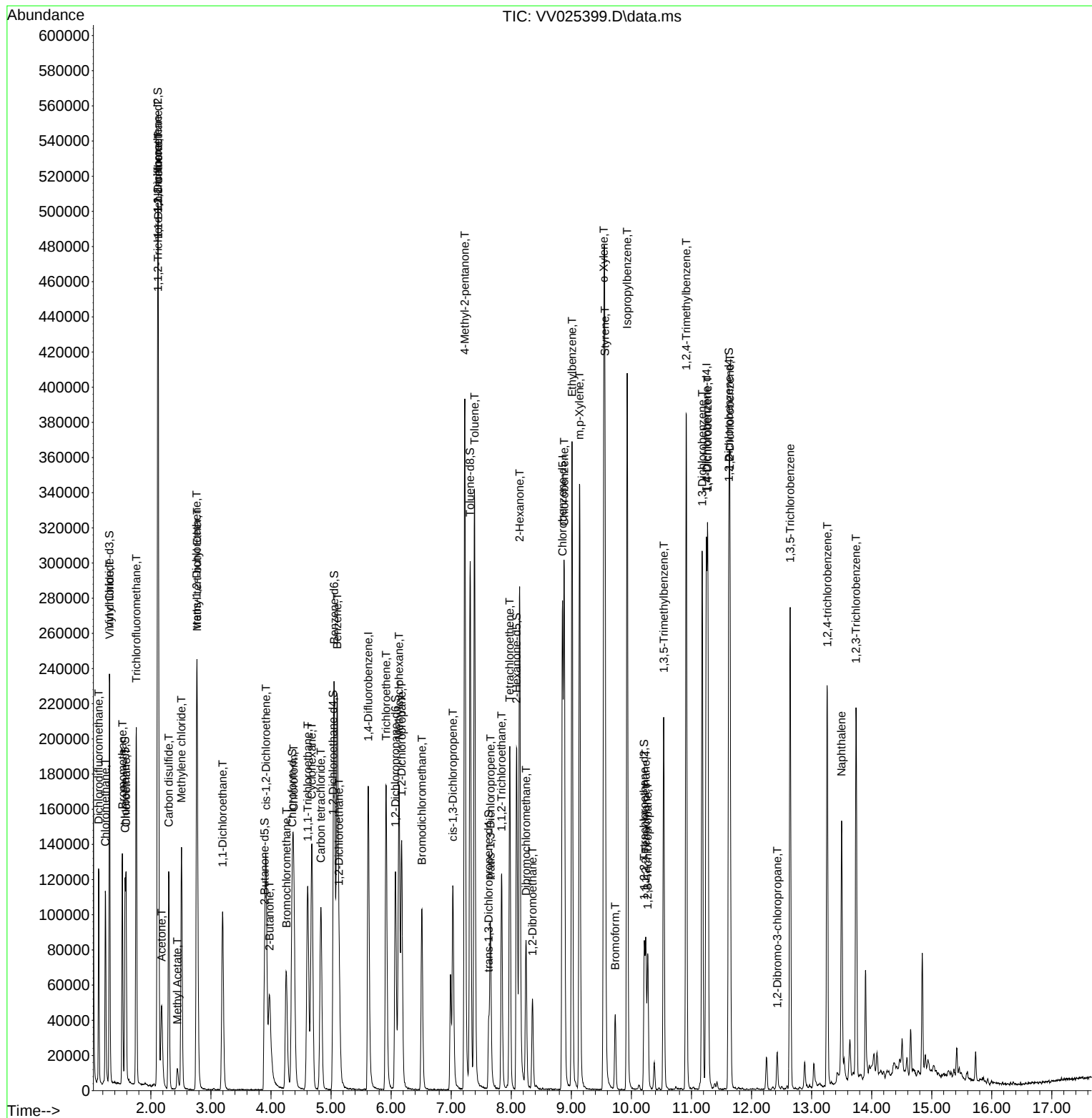
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	57989	5.287	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	93462	5.170	ug/L	99
30) Cyclohexane	4.680	56	74774	4.625	ug/L	99
31) Carbon tetrachloride	4.831	117	77976	4.983	ug/L	98
33) Benzene	5.101	78	234571	5.348	ug/L	100
34) Trichloroethene	5.915	95	60741	5.044	ug/L	98
35) Methylcyclohexane	6.133	83	77705	4.118	ug/L	98
37) 1,2-Dichloropropane	6.175	63	55636	5.469	ug/L	98
38) Bromodichloromethane	6.513	83	69508	5.393	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	72220	5.474	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	241123	59.359	ug/L	100
42) Toluene	7.387	91	250604	5.352	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	58308	5.623	ug/L	91
45) 1,1,2-Trichloroethane	7.838	97	38619	5.544	ug/L	97
47) Tetrachloroethene	7.976	164	42372	4.771	ug/L	96
48) 2-Hexanone	8.140	43	167825	57.765	ug/L	97
49) Dibromochloromethane	8.246	129	41004	5.470	ug/L	100
50) 1,2-Dibromoethane	8.355	107	33932	5.228	ug/L	99
51) Chlorobenzene	8.882	112	159760	5.284	ug/L	98
52) Ethylbenzene	9.011	91	260693	5.249	ug/L	99
53) m,p-Xylene	9.136	106	101773	5.269	ug/L	99
54) o-Xylene	9.542	106	100946	5.467	ug/L	96
55) Styrene	9.561	104	168106	5.537	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	38466	5.297	ug/L	99
59) Bromoform	9.731	173	18994	6.191	ug/L	97
60) Isopropylbenzene	9.931	105	262720	5.278	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29982	5.279	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	113759	5.096	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	205354	5.156	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	122699	5.263	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	116599	4.994	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111118	5.416	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5130	5.045	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	81082	4.821	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	67566	5.325	ug/L	97
71) Naphthalene	13.500	128	114267	5.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60059	5.493	ug/L	97

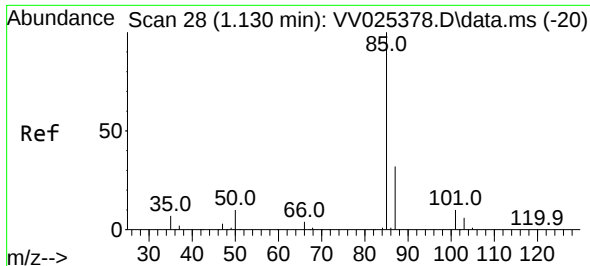
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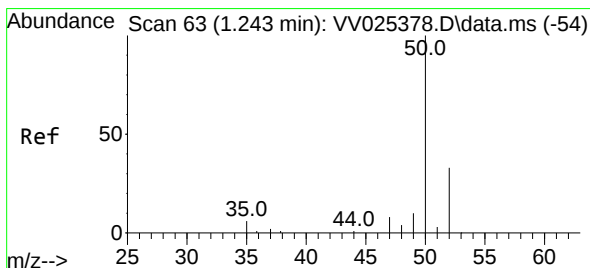
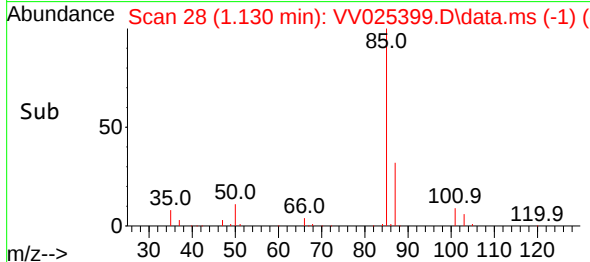
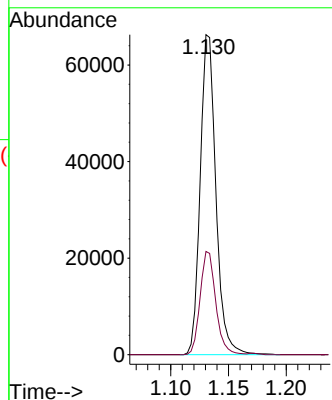
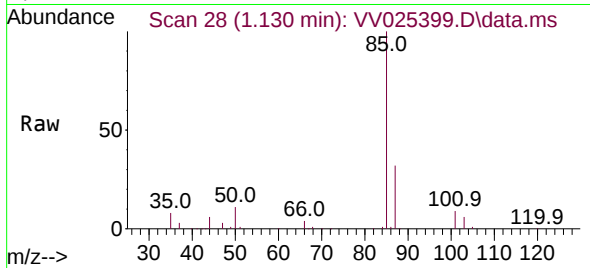




#2
 Dichlorodifluoromethane
 Concen: 3.955 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

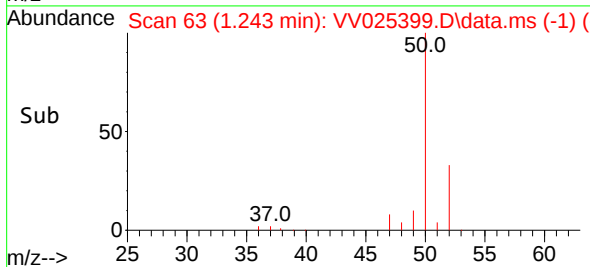
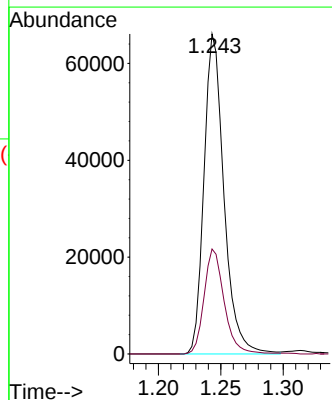
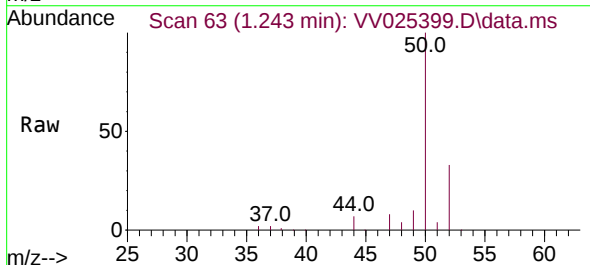
Instrument :
 MSVOA_V
 ClientSampleId :
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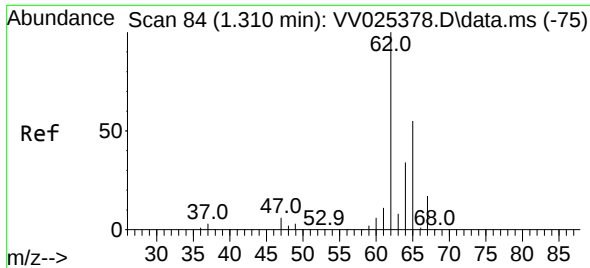
Tgt Ion: 85 Resp: 62691
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 3.944 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

Tgt Ion: 50 Resp: 73740
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.9 42.5

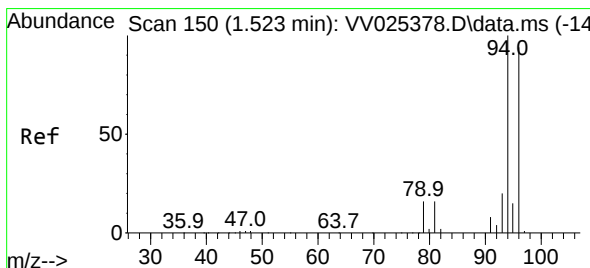
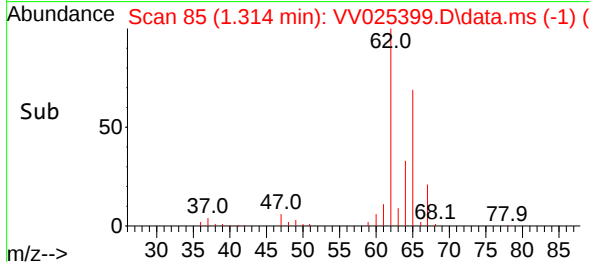
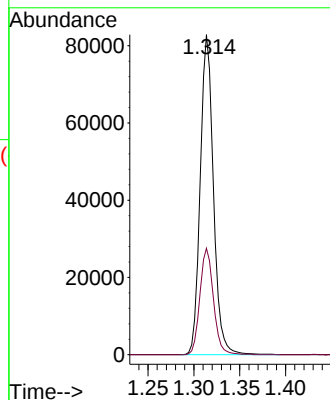
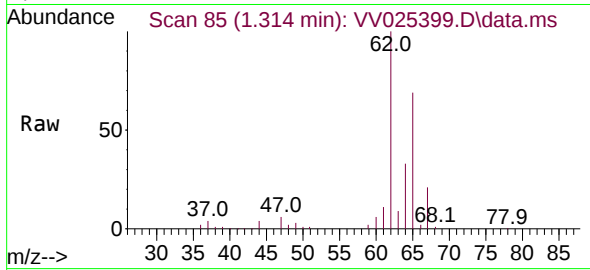




#5
 Vinyl chloride
 Concen: 3.965 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

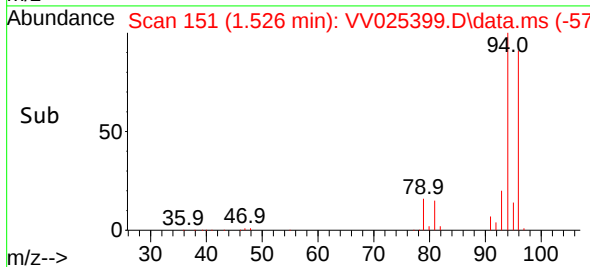
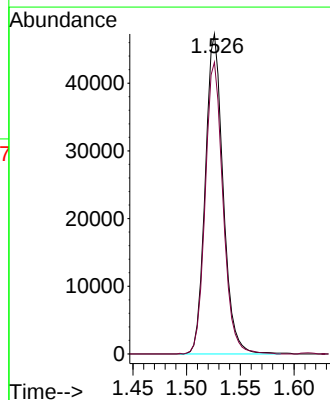
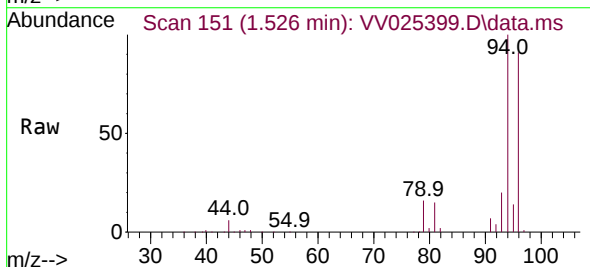
Instrument :
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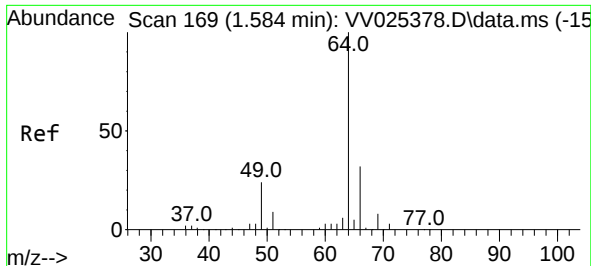
Tgt Ion: 62 Resp: 82792
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.0 40.8



#6
 Bromomethane
 Concen: 4.400 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

Tgt Ion: 94 Resp: 54537
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.5 121.7

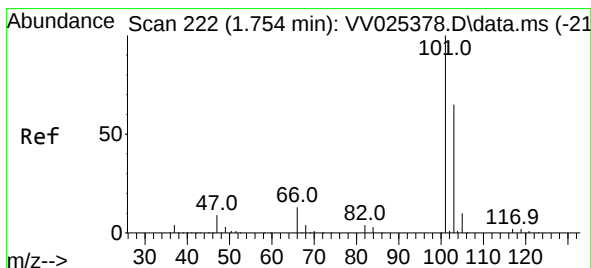
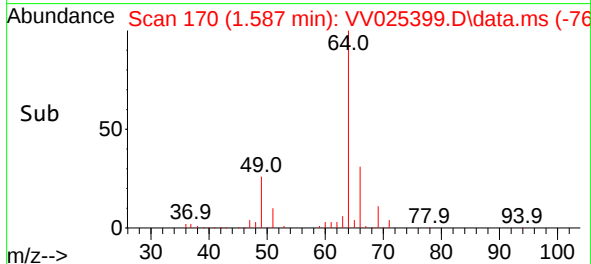
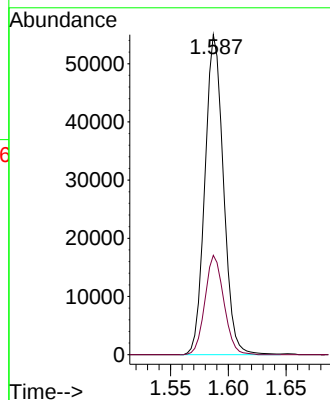
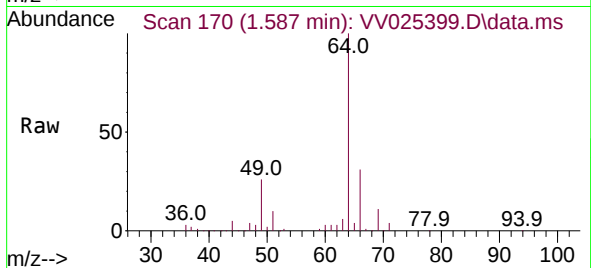




#8
Chloroethane
Concen: 4.679 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

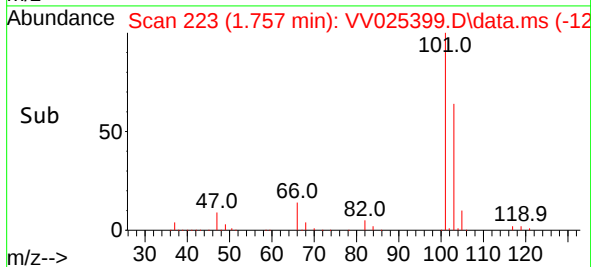
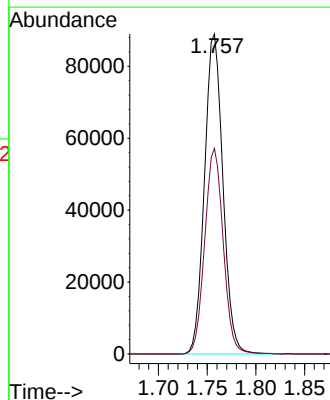
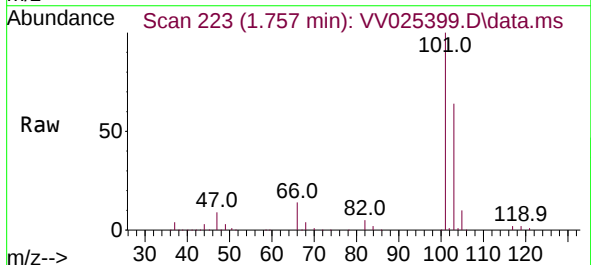
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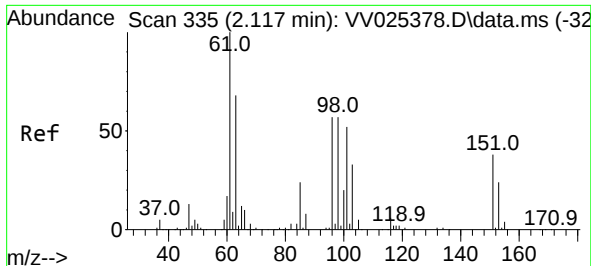
Tgt Ion: 64 Resp: 61316
Ion Ratio Lower Upper
64 100
66 31.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.146 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 101 Resp: 117045
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

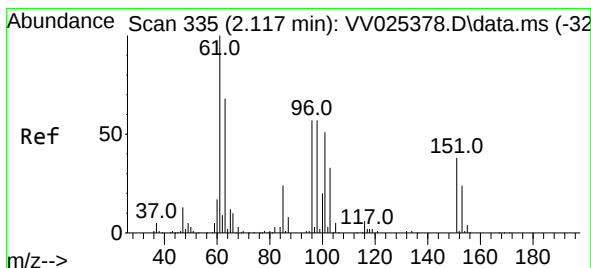
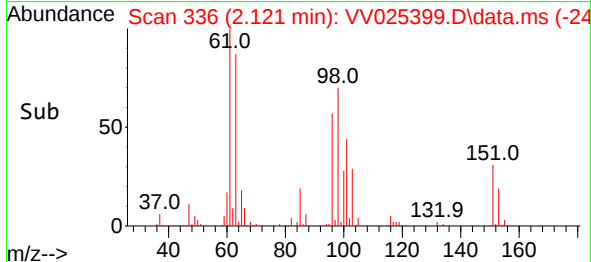
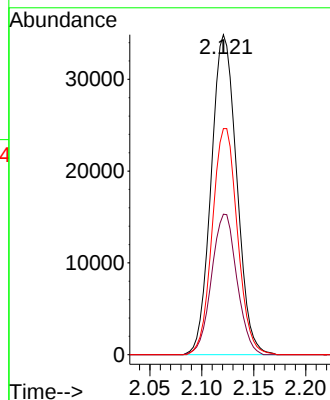
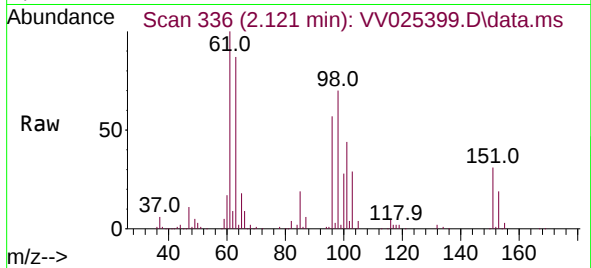




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.557 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025399.D
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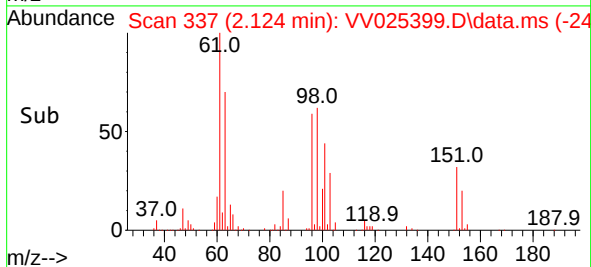
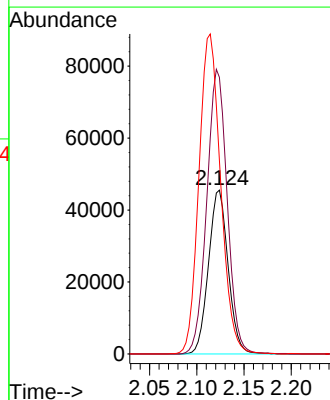
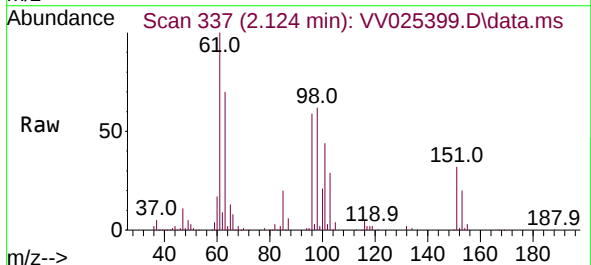
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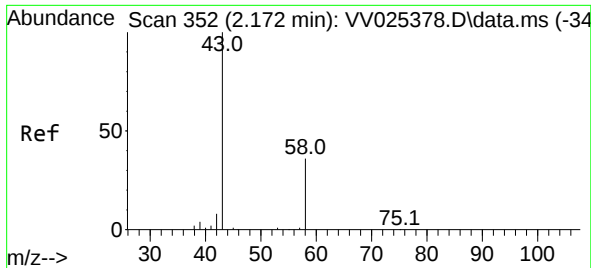
Tgt Ion:101 Resp: 59636
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.0 54.0
 151 69.7 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.113 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

Tgt Ion: 96 Resp: 65720
 Ion Ratio Lower Upper
 96 100
 61 168.9 121.5 225.7
 63 118.3 77.9 144.7





#13

Acetone

Concen: 55.129 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV025399.D

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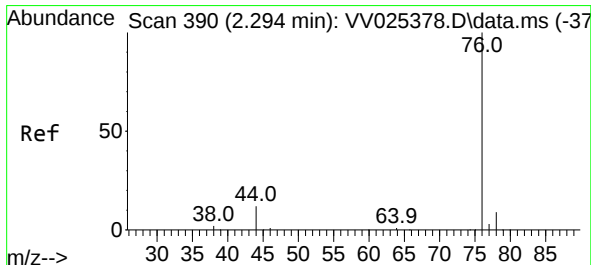
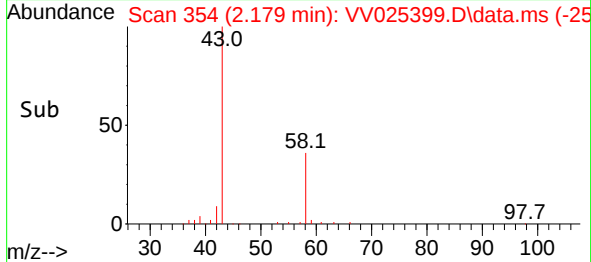
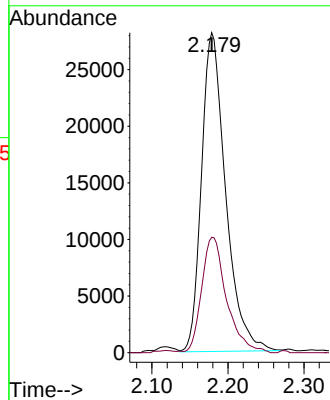
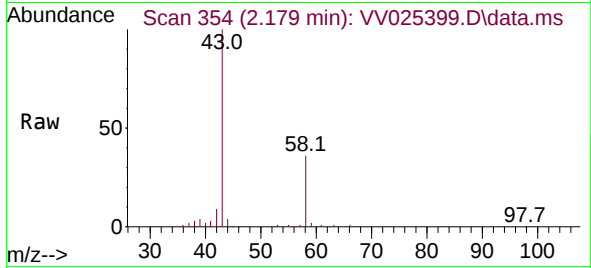
VSTD005371

Tgt Ion: 43 Resp: 62118

Ion Ratio Lower Upper

43 100

58 37.3 0.0 51.2



#14

Carbon disulfide

Concen: 4.264 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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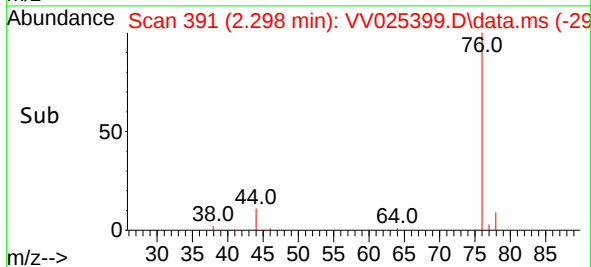
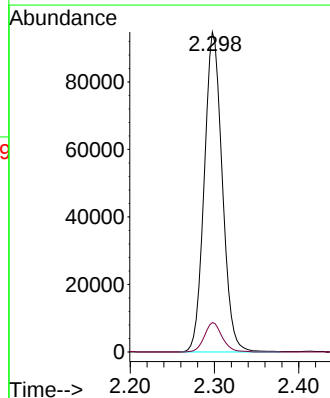
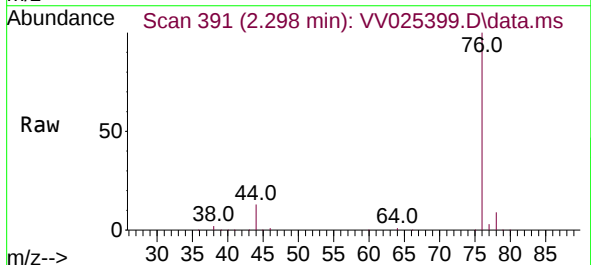
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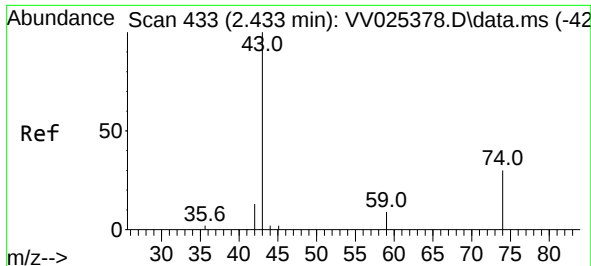
Tgt Ion: 76 Resp: 141151

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

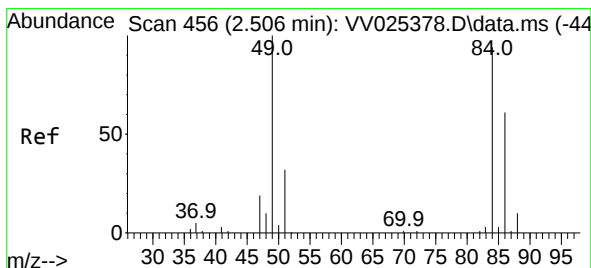
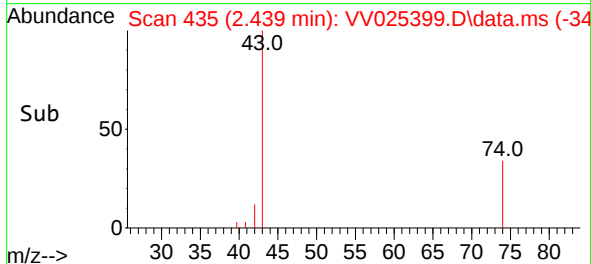
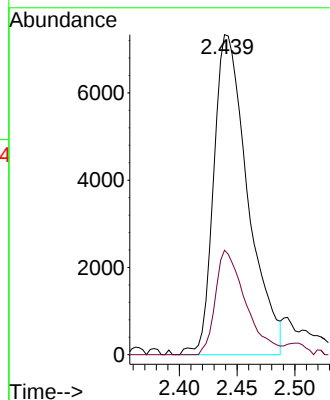
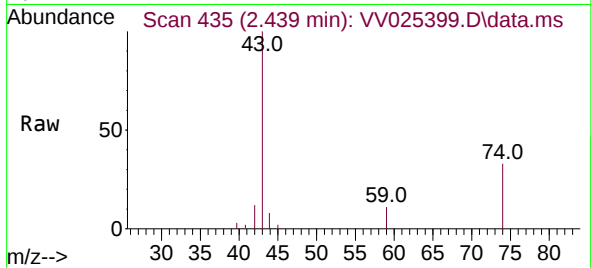




#15
Methyl Acetate
Concen: 5.875 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

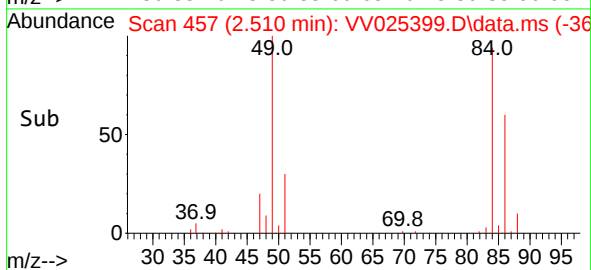
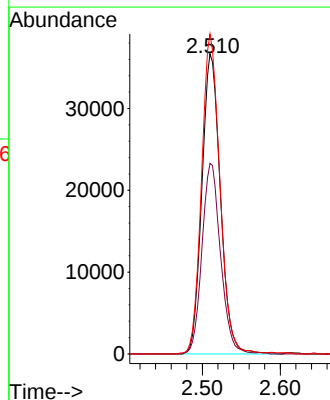
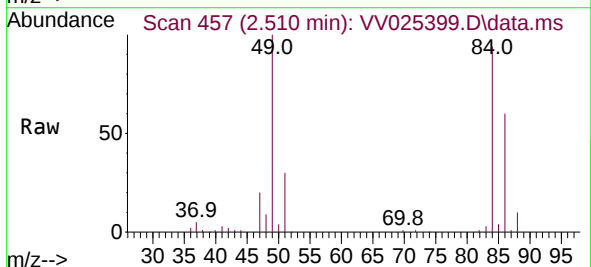
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

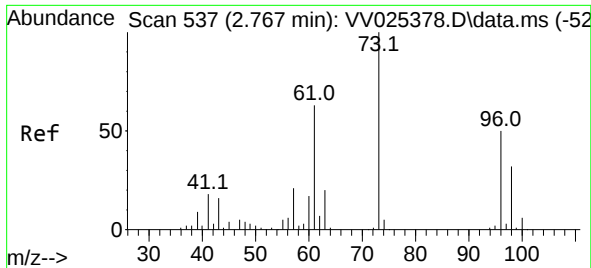
Tgt Ion: 43 Resp: 15071
Ion Ratio Lower Upper
43 100
74 28.9 20.9 31.3



#16
Methylene chloride
Concen: 4.815 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 84 Resp: 60406
Ion Ratio Lower Upper
84 100
86 63.6 43.5 80.7
49 106.7 74.5 138.3

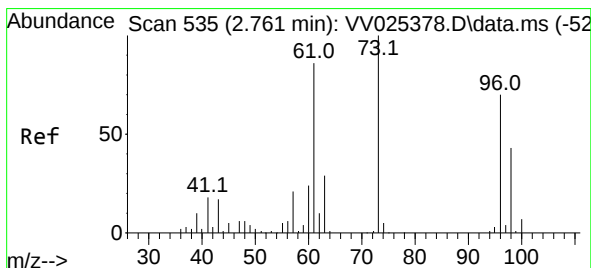
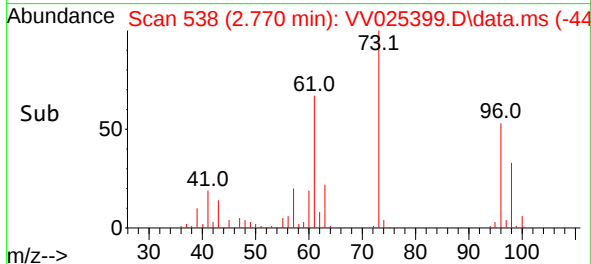
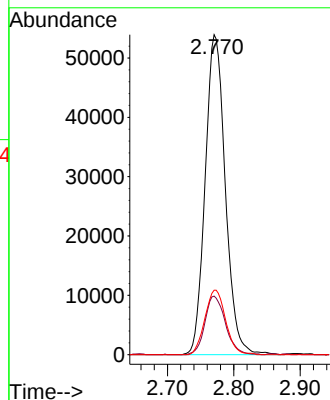
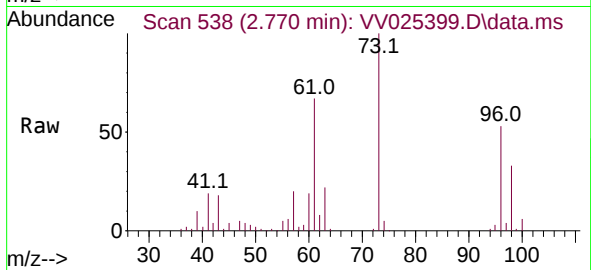




#17
Methyl tert-butyl Ether
Concen: 5.641 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

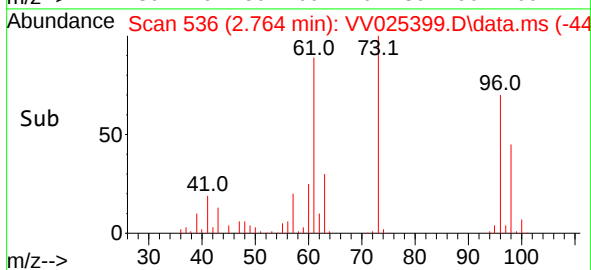
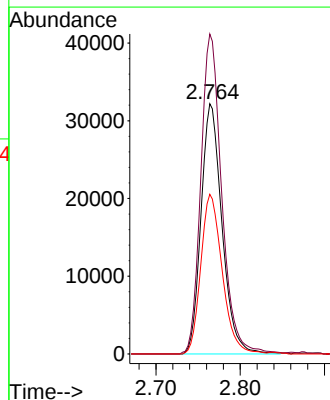
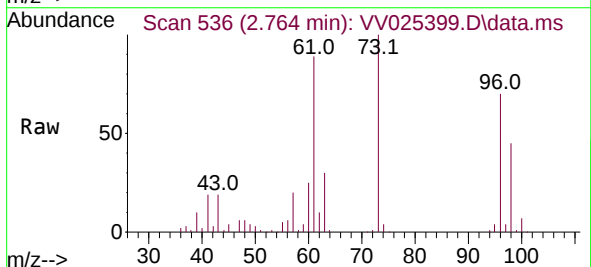
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

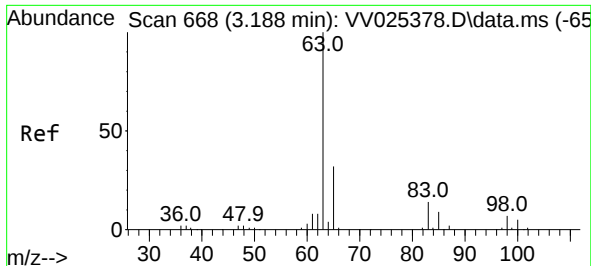
Tgt Ion: 73 Resp: 114017
Ion Ratio Lower Upper
73 100
43 18.6 13.5 20.3
57 20.7 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 4.875 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 96 Resp: 55903
Ion Ratio Lower Upper
96 100
61 127.9 87.6 162.8
98 63.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.281 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005371

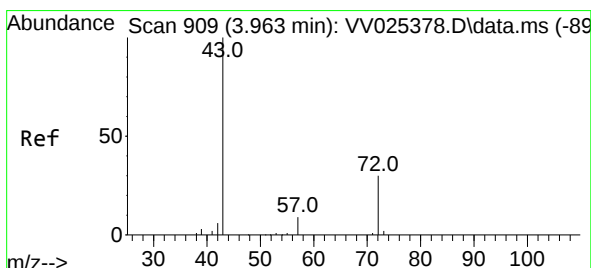
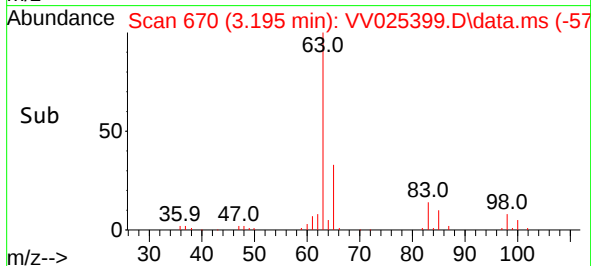
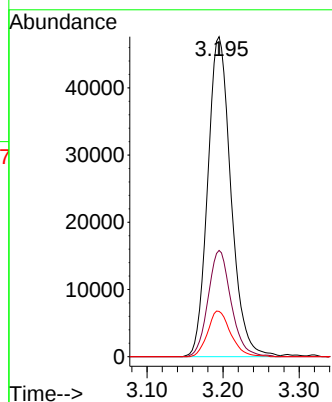
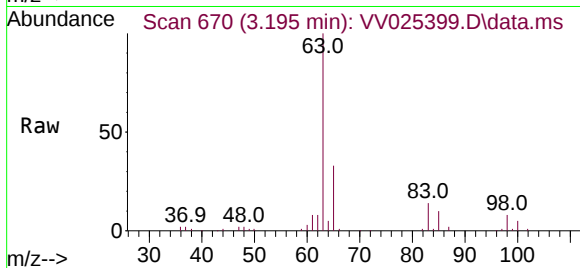
Tgt Ion: 63 Resp: 101092

Ion Ratio Lower Upper

63 100

65 33.2 22.0 40.8

83 14.1 10.2 19.0



#21

2-Butanone

Concen: 59.095 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.013 min

Lab File: VV025399.D

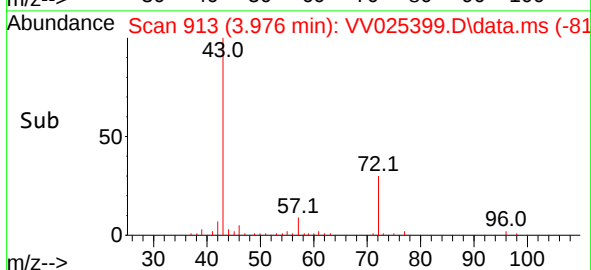
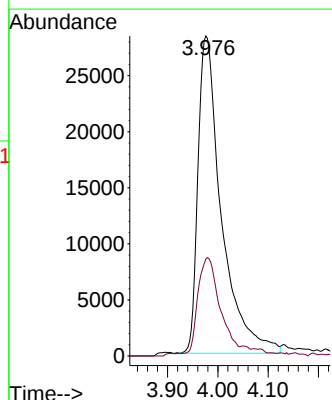
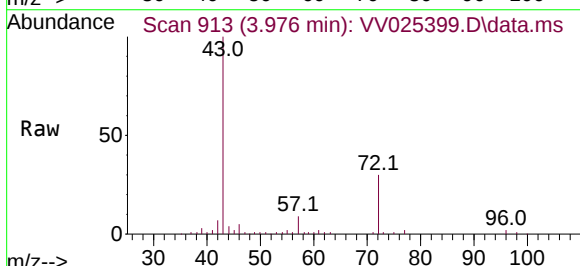
Acq: 07 Apr 2022 21:33

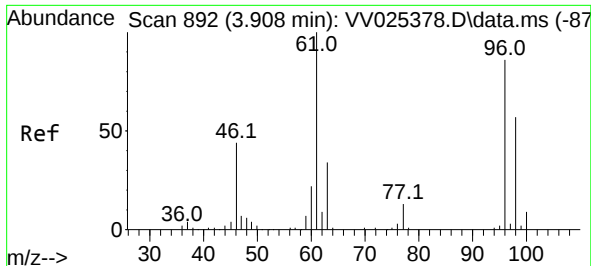
Tgt Ion: 43 Resp: 91624

Ion Ratio Lower Upper

43 100

72 27.8 11.8 35.4

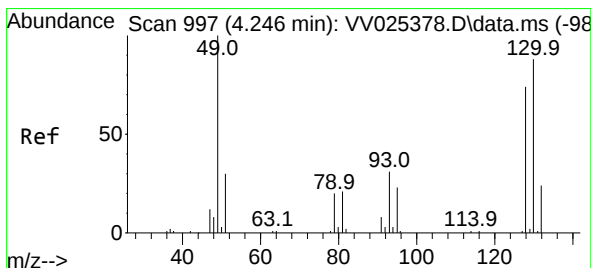
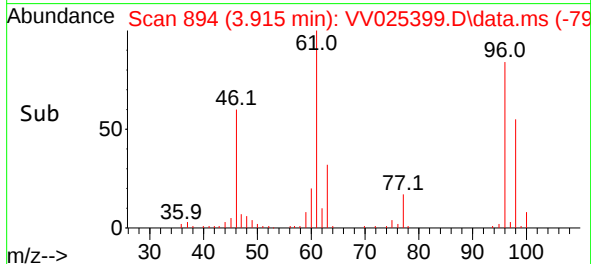
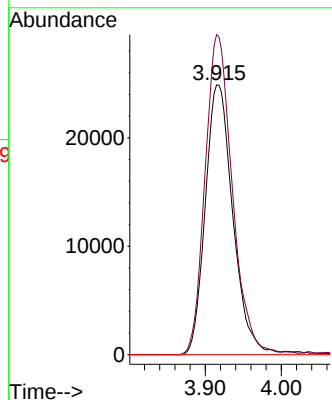
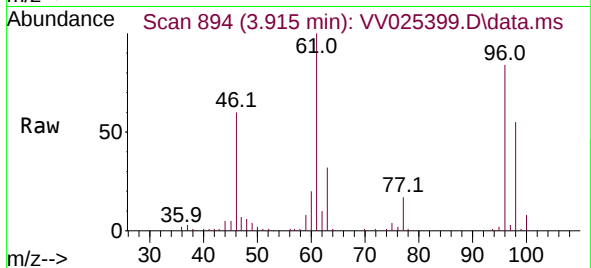




#22
 cis-1,2-Dichloroethene
 Concen: 5.369 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

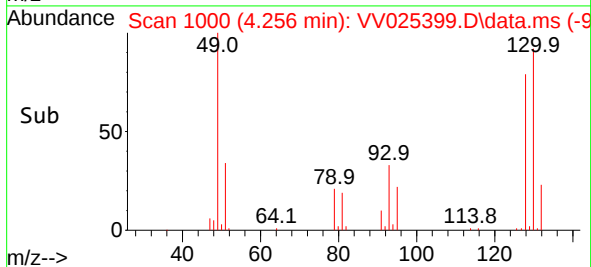
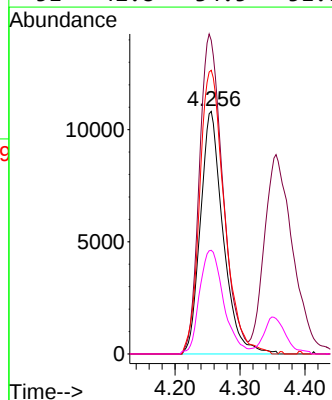
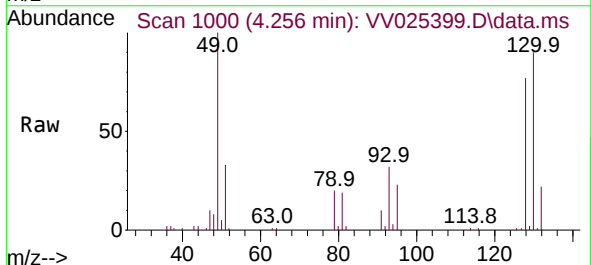
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

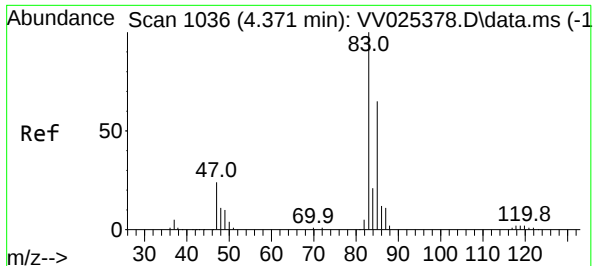
Tgt Ion: 96 Resp: 62558
 Ion Ratio Lower Upper
 96 100
 61 118.7 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.410 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.010 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

Tgt Ion: 128 Resp: 26293
 Ion Ratio Lower Upper
 128 100
 49 129.3 101.4 188.4
 130 117.0 85.0 158.0
 51 42.8 34.5 51.7





#25

Chloroform

Concen: 5.188 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

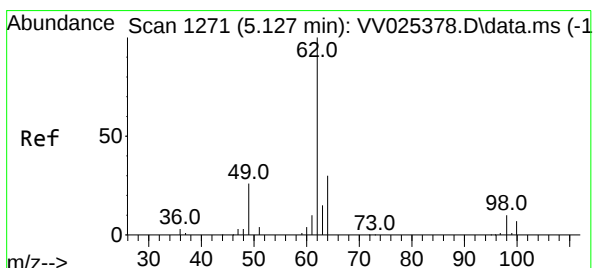
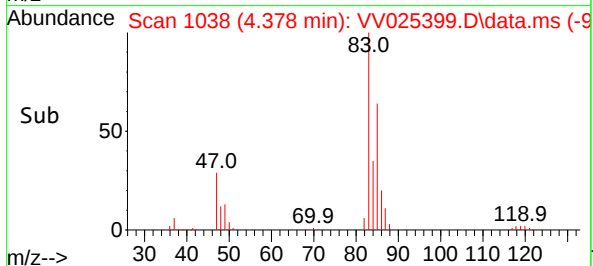
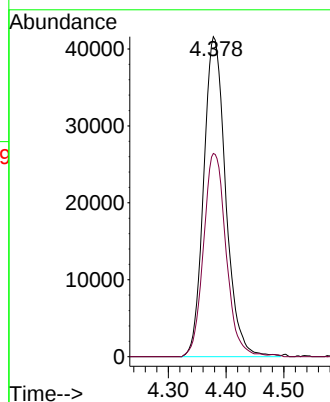
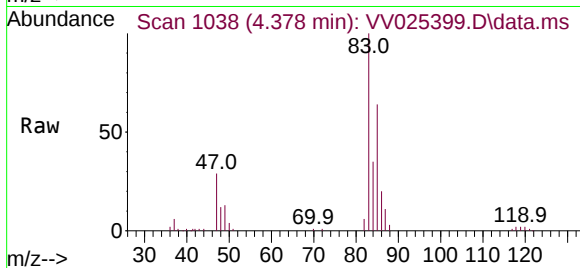
VSTD005371

Tgt Ion: 83 Resp: 110203

Ion Ratio Lower Upper

83 100

85 63.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.287 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025399.D

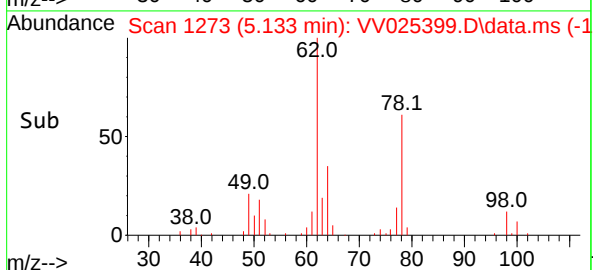
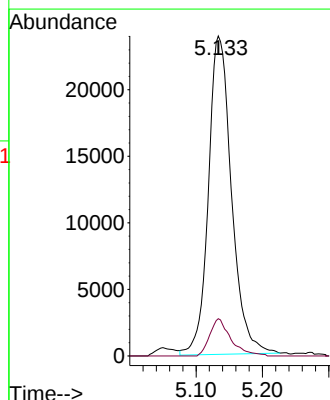
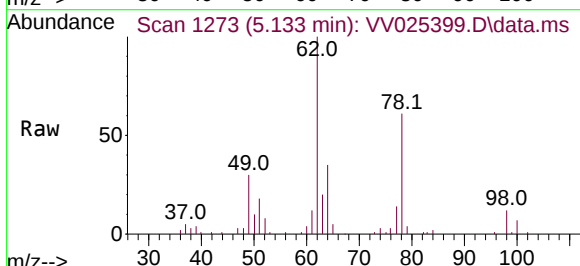
Acq: 07 Apr 2022 21:33

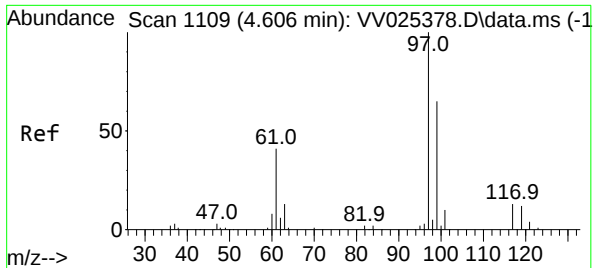
Tgt Ion: 62 Resp: 57989

Ion Ratio Lower Upper

62 100

98 11.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.170 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005371

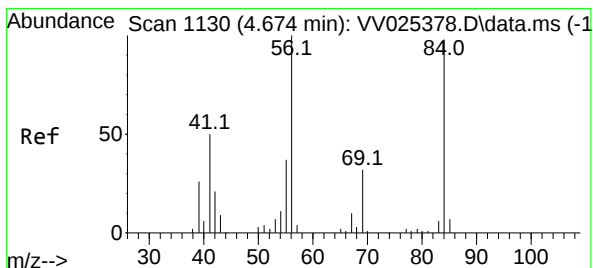
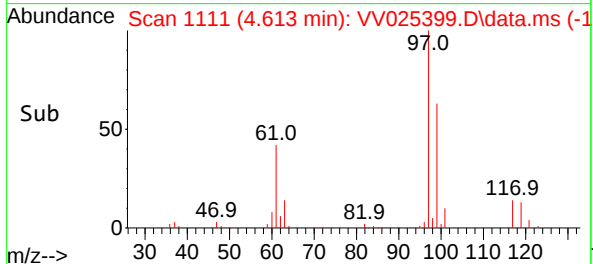
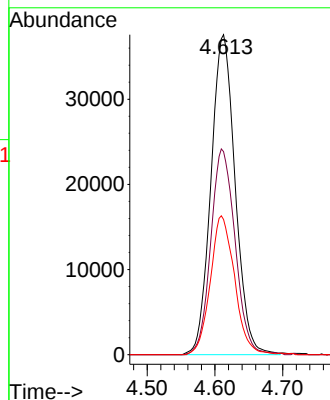
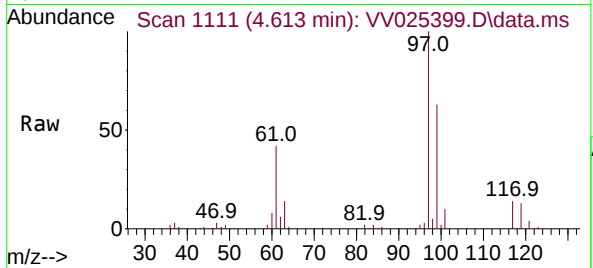
Tgt Ion: 97 Resp: 93462

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 43.4 34.2 51.2



#30

Cyclohexane

Concen: 4.625 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

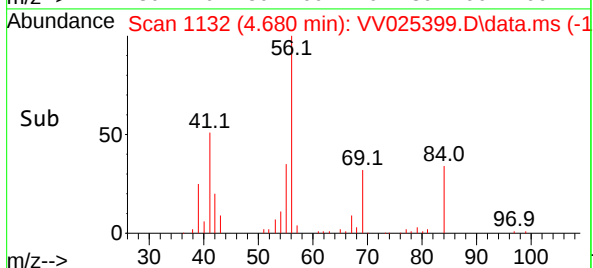
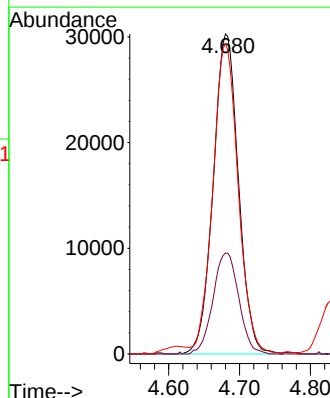
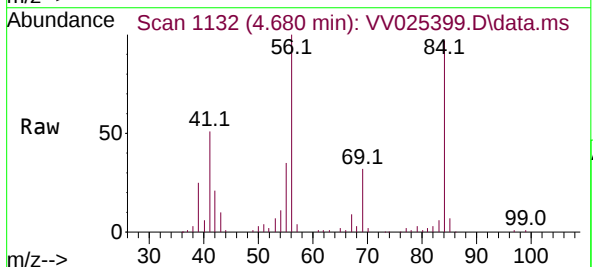
Tgt Ion: 56 Resp: 74774

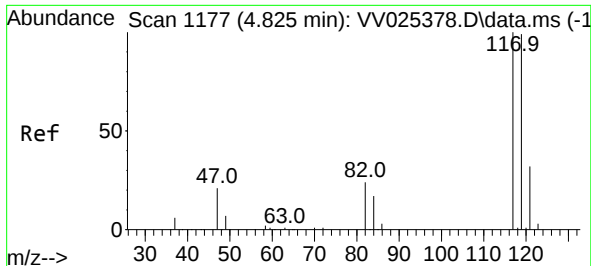
Ion Ratio Lower Upper

56 100

69 32.2 25.3 37.9

84 96.9 78.4 117.6

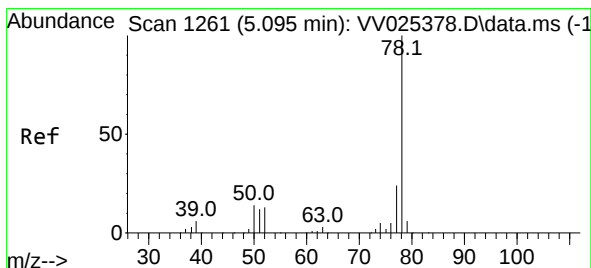
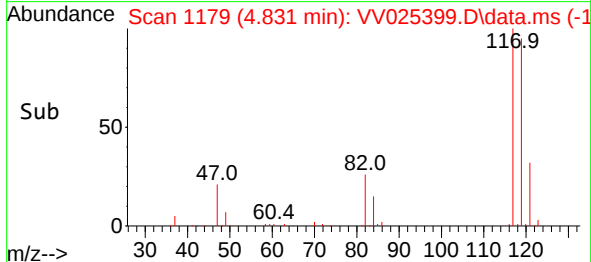
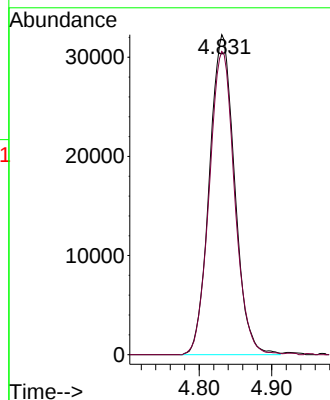
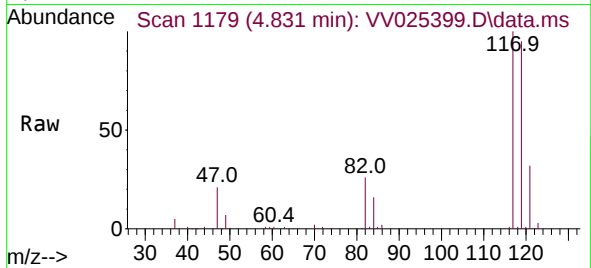




#31
Carbon tetrachloride
Concen: 4.983 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

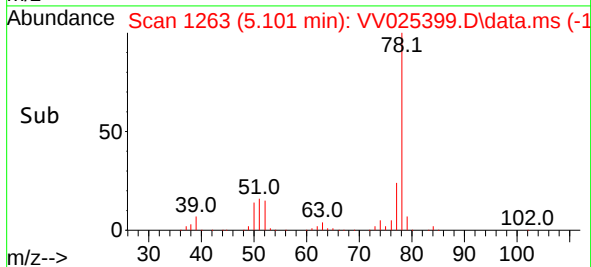
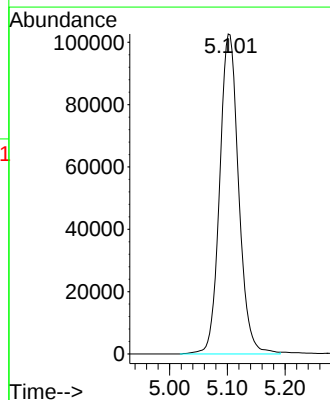
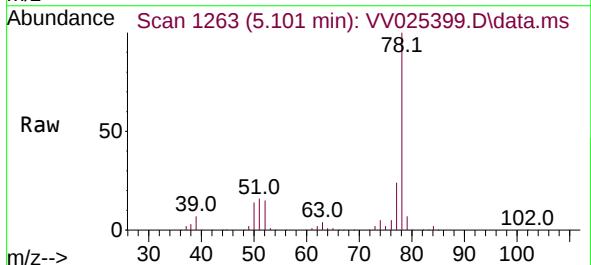
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

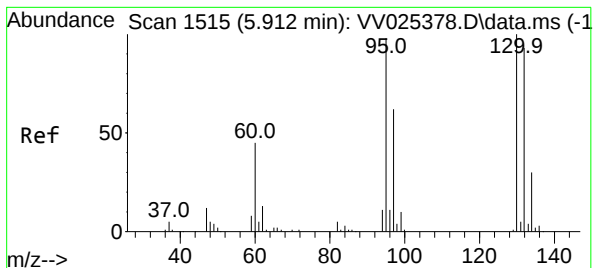
Tgt Ion:117 Resp: 77976
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6



#33
Benzene
Concen: 5.348 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 78 Resp: 234571





#34

Trichloroethene

Concen: 5.044 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005371

Tgt Ion: 95 Resp: 60741

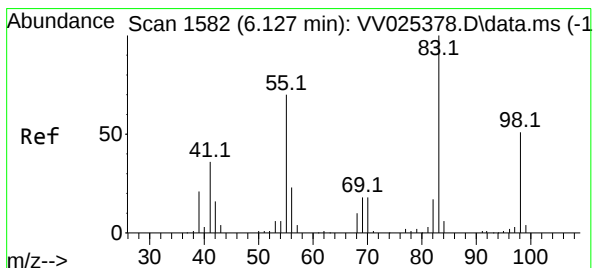
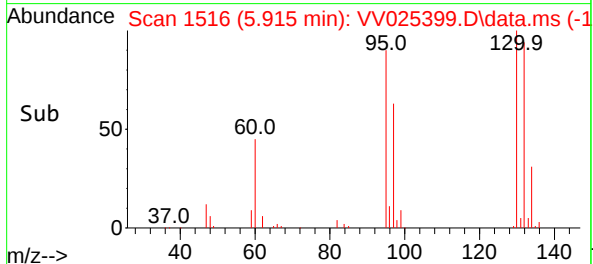
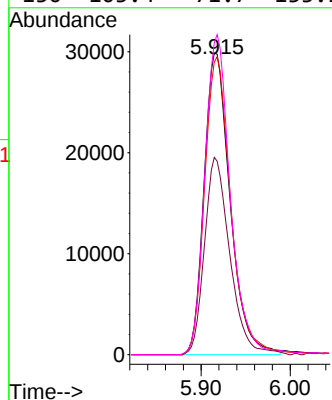
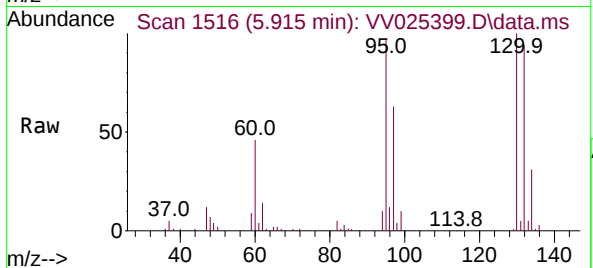
Ion Ratio Lower Upper

95 100

97 65.4 46.3 85.9

132 97.0 65.2 121.2

130 103.4 71.7 133.1



#35

Methylcyclohexane

Concen: 4.118 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

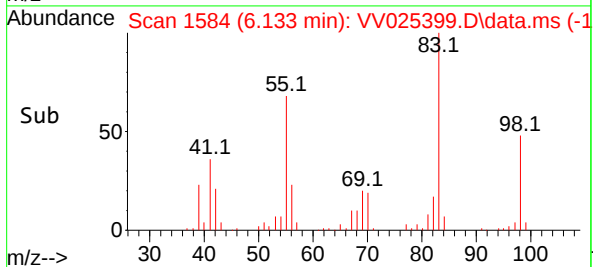
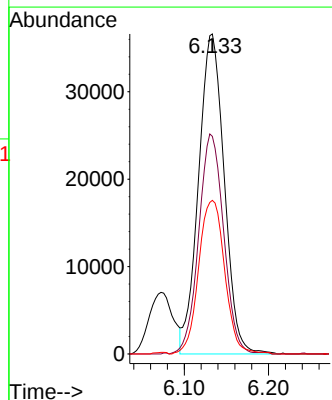
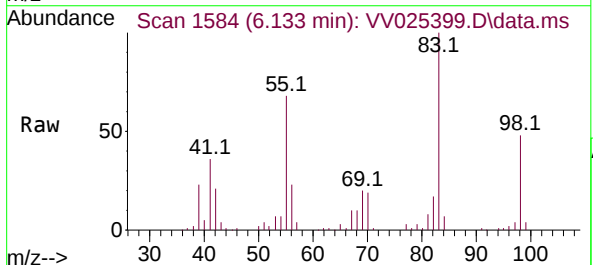
Tgt Ion: 83 Resp: 77705

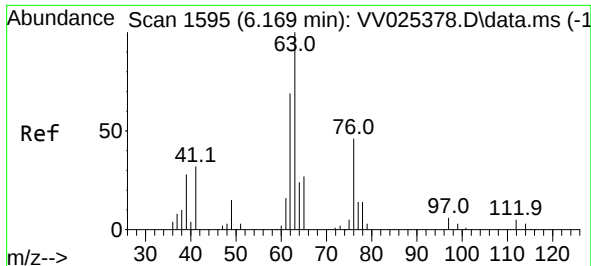
Ion Ratio Lower Upper

83 100

55 66.8 54.6 81.8

98 48.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.469 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

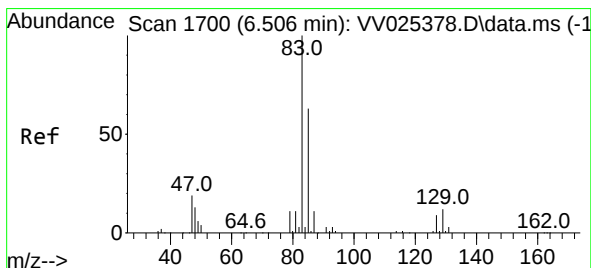
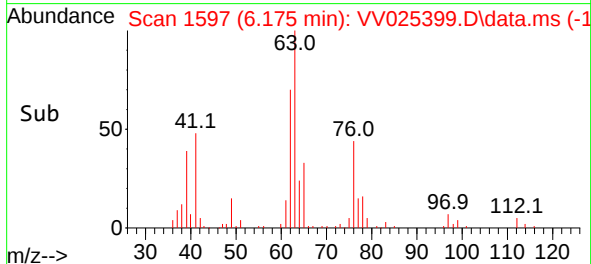
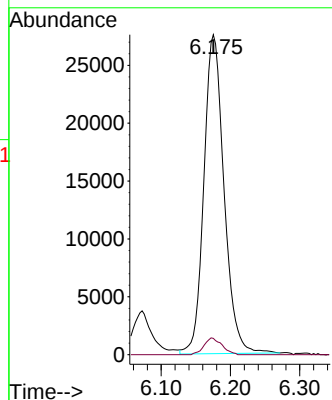
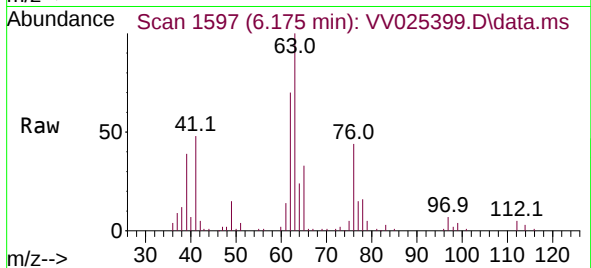
VSTD005371

Tgt Ion: 63 Resp: 55636

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 5.393 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

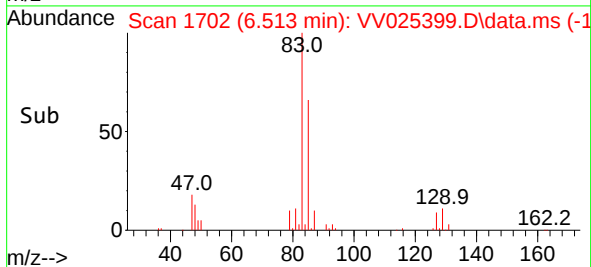
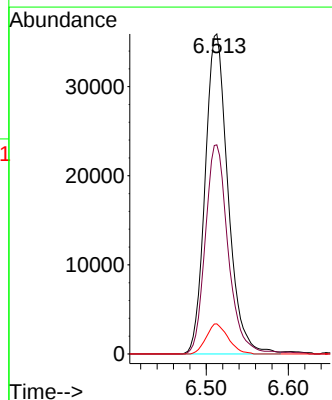
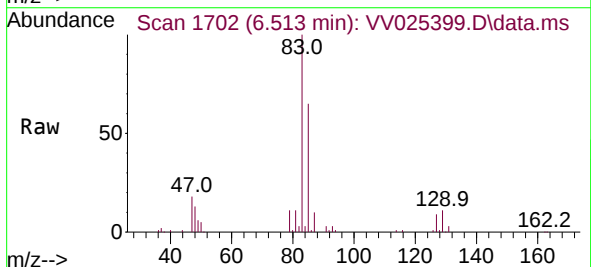
Tgt Ion: 83 Resp: 69508

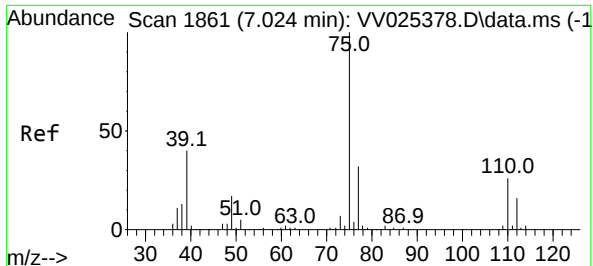
Ion Ratio Lower Upper

83 100

85 65.3 47.2 87.6

127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.474 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

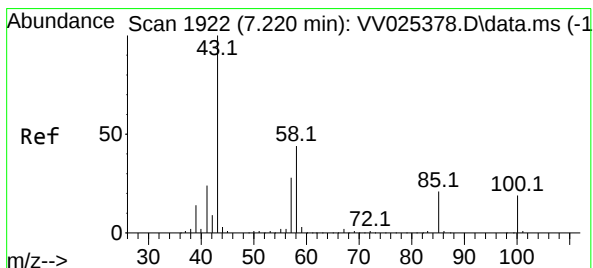
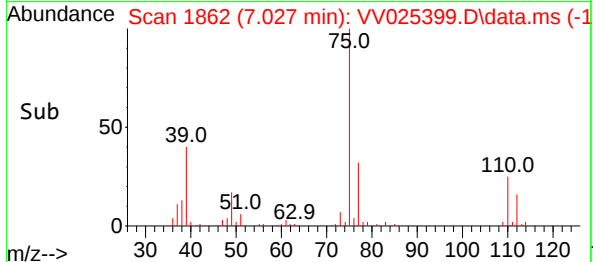
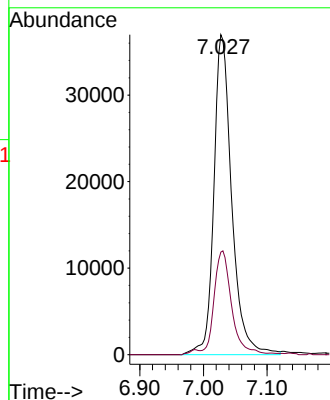
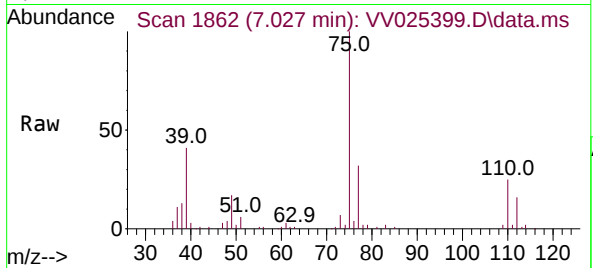
VSTD005371

Tgt Ion: 75 Resp: 72220

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 59.359 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

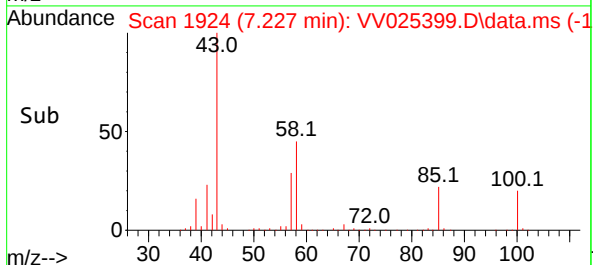
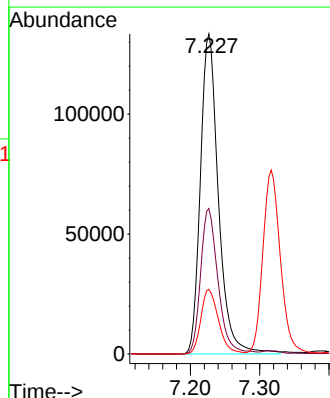
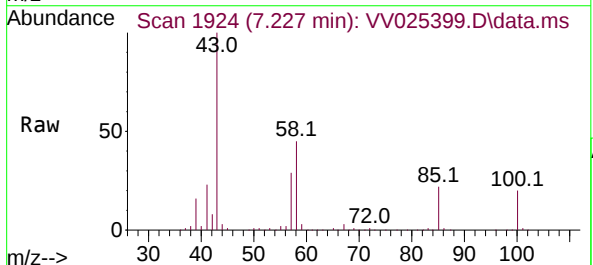
Tgt Ion: 43 Resp: 241123

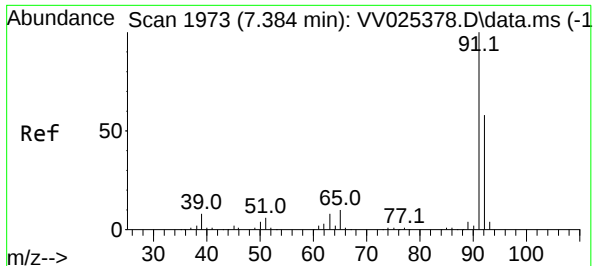
Ion Ratio Lower Upper

43 100

58 44.0 35.1 52.7

100 19.7 15.5 23.3





#42

Toluene

Concen: 5.352 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

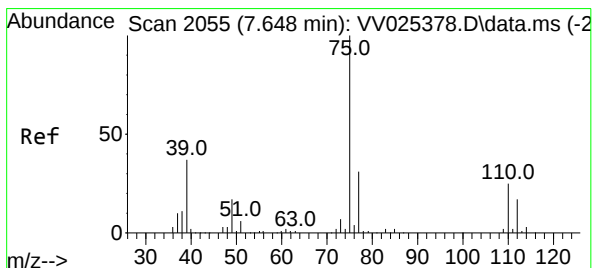
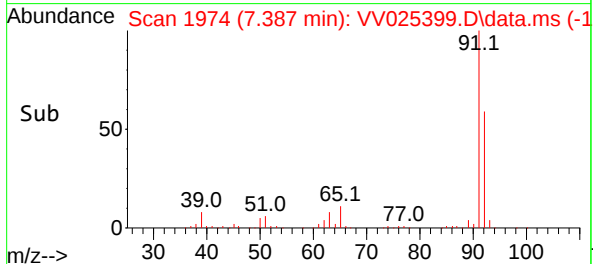
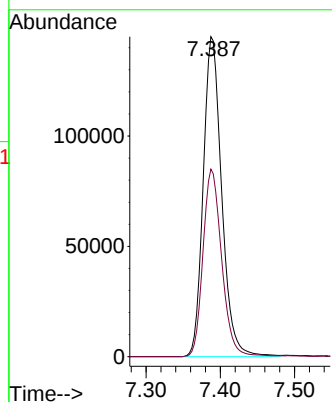
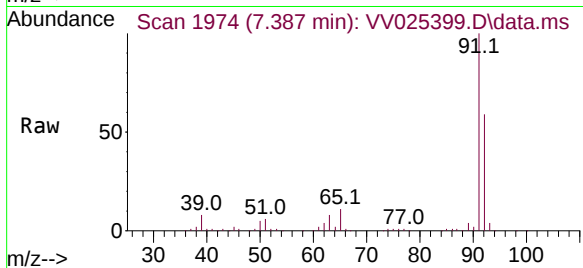
VSTD005371

Tgt Ion: 91 Resp: 250604

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.623 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025399.D

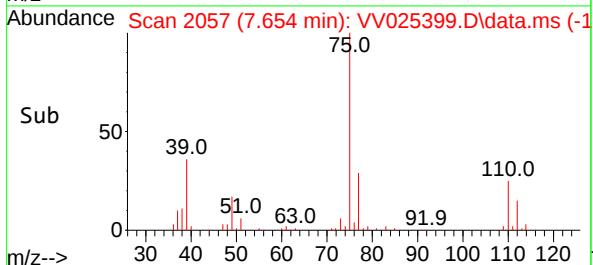
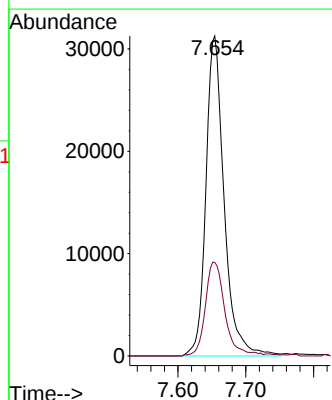
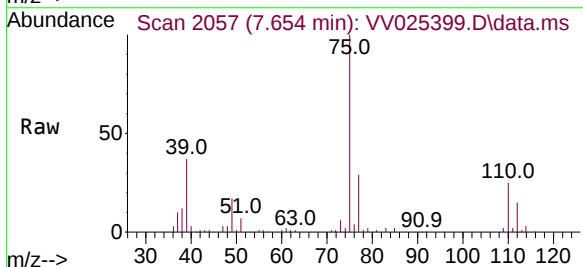
Acq: 07 Apr 2022 21:33

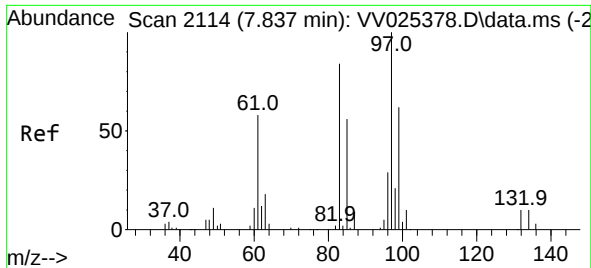
Tgt Ion: 75 Resp: 58308

Ion Ratio Lower Upper

75 100

77 29.3 24.2 45.0

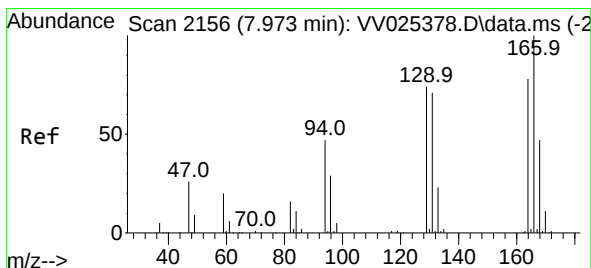
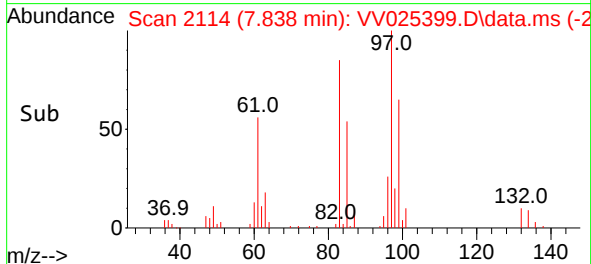
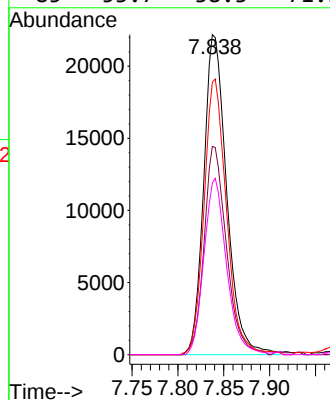
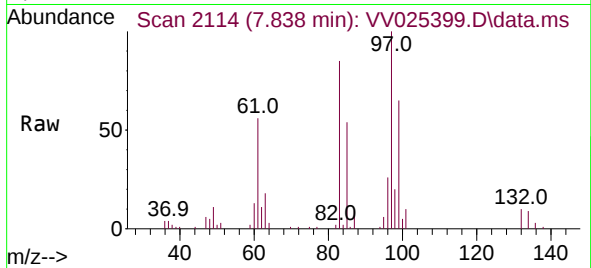




#45
 1,1,2-Trichloroethane
 Concen: 5.544 ug/L
 RT: 7.838 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

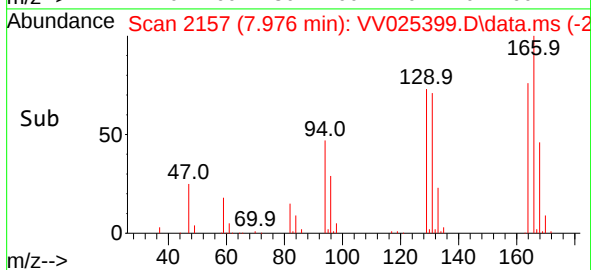
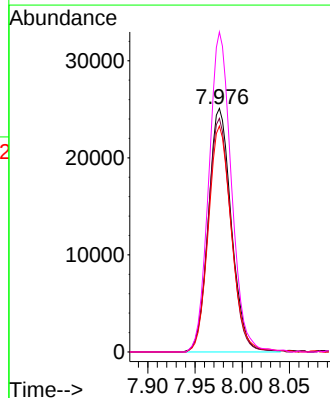
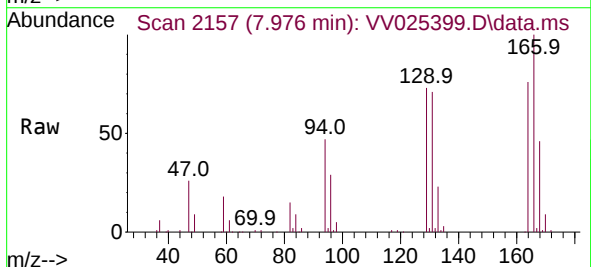
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

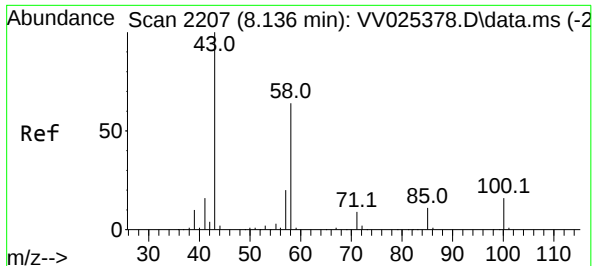
Tgt Ion:	97	Resp:	38619
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.3	80.5
83	85.1	58.0	107.6
85	53.7	38.3	71.1



#47
 Tetrachloroethene
 Concen: 4.771 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025399.D
 Acq: 07 Apr 2022 21:33

Tgt Ion:	164	Resp:	42372
Ion	Ratio	Lower	Upper
164	100		
129	96.0	67.5	125.4
131	92.8	68.0	126.4
166	131.4	86.2	160.2



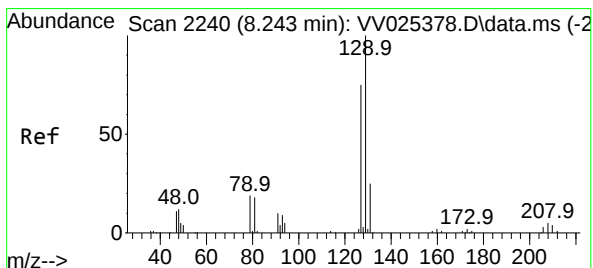
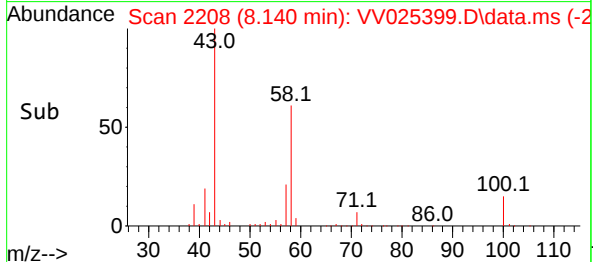
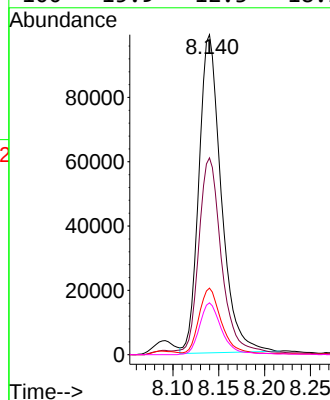
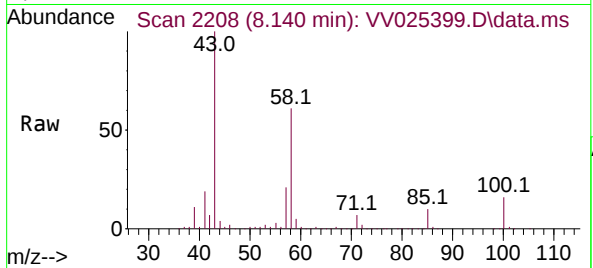


#48
2-Hexanone
Concen: 57.765 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

Tgt Ion: 43 Resp: 167825

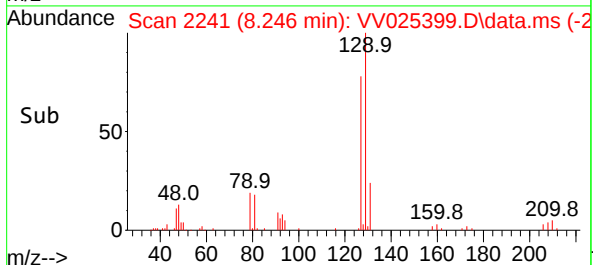
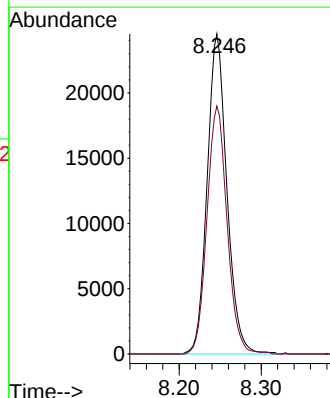
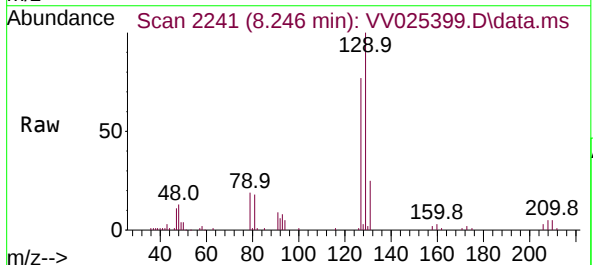
Ion	Ratio	Lower	Upper
43	100		
58	63.4	48.5	72.7
57	20.7	16.9	25.3
100	15.9	12.3	18.5

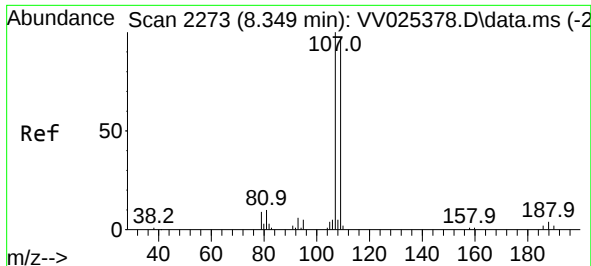


#49
Dibromochloromethane
Concen: 5.470 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 129 Resp: 41004

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.228 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005371

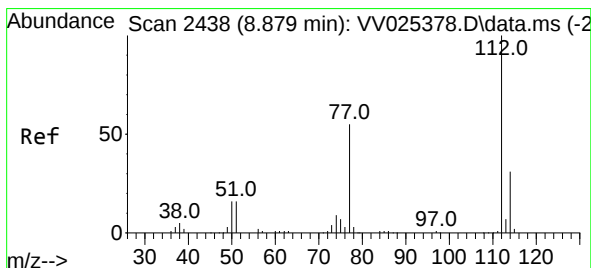
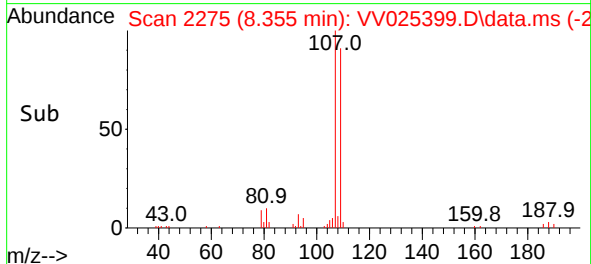
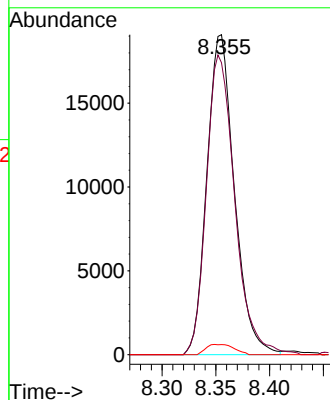
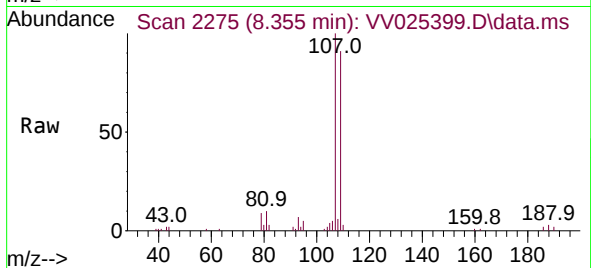
Tgt Ion:107 Resp: 33932

Ion Ratio Lower Upper

107 100

109 91.2 64.7 120.1

188 3.1 2.2 3.4



#51

Chlorobenzene

Concen: 5.284 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

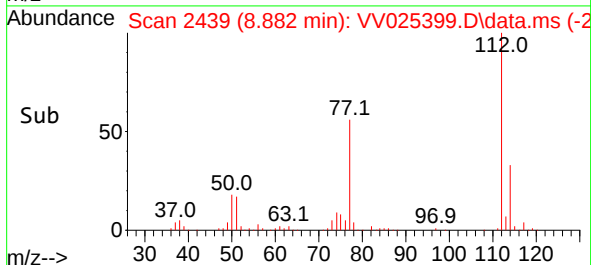
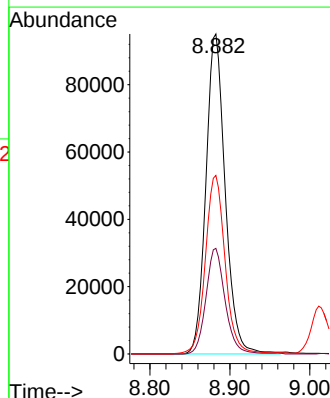
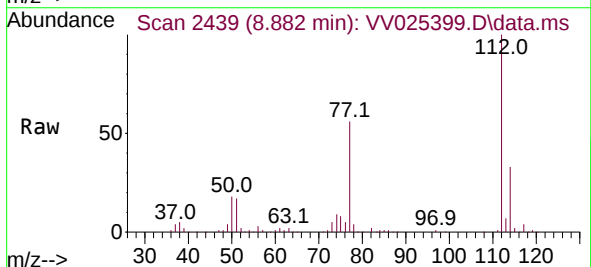
Tgt Ion:112 Resp: 159760

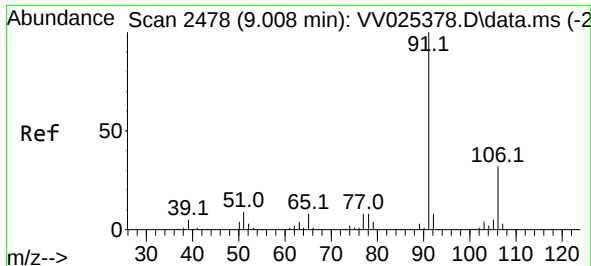
Ion Ratio Lower Upper

112 100

114 33.0 21.9 40.7

77 55.8 44.2 66.4





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

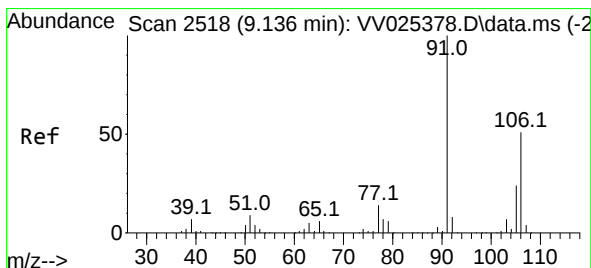
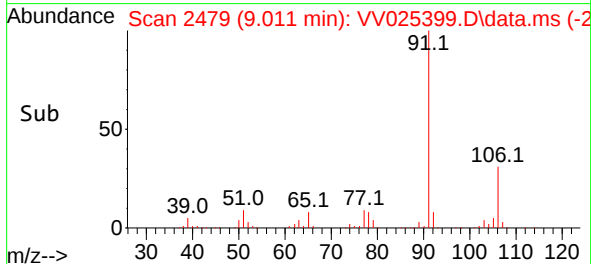
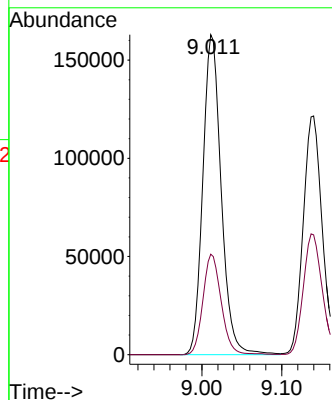
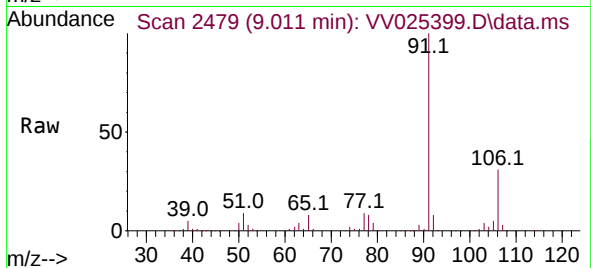
VSTD005371

Tgt Ion: 91 Resp: 260693

Ion Ratio Lower Upper

91 100

106 31.4 21.7 40.3



#53

m,p-Xylene

Concen: 5.269 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025399.D

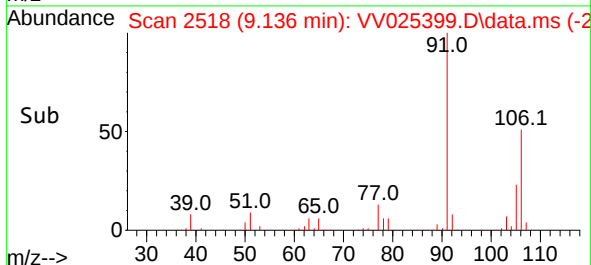
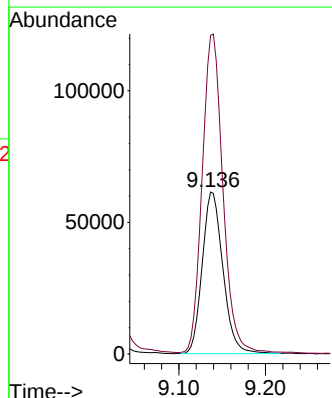
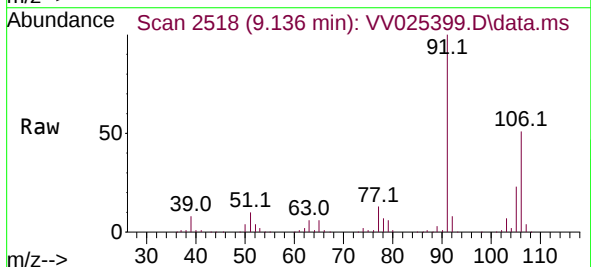
Acq: 07 Apr 2022 21:33

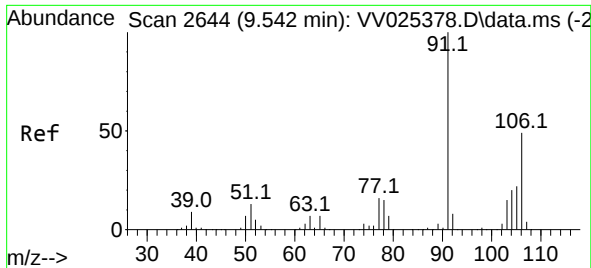
Tgt Ion:106 Resp: 101773

Ion Ratio Lower Upper

106 100

91 196.7 136.8 254.0

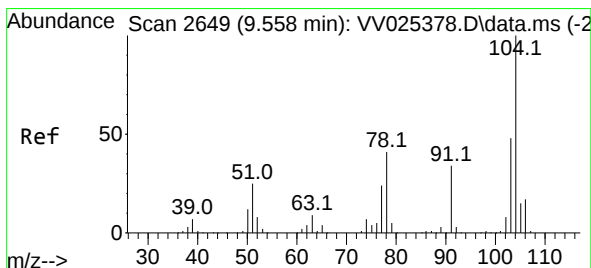
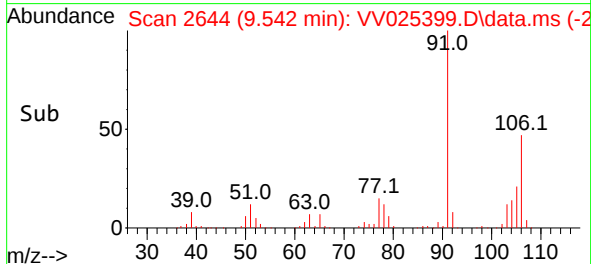
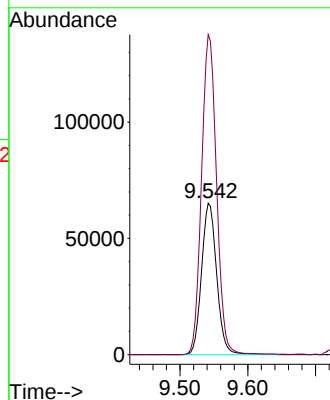
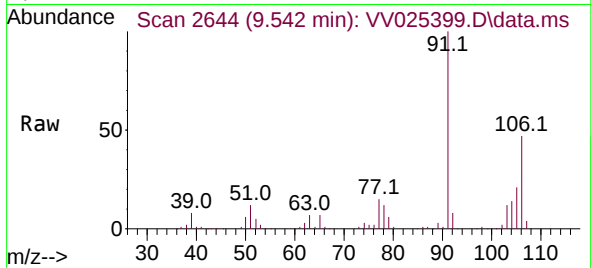




#54
o-Xylene
Concen: 5.467 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

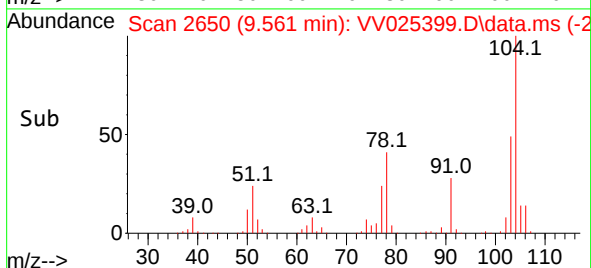
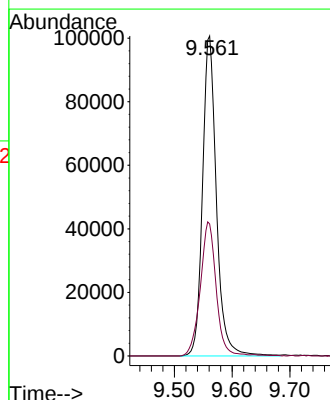
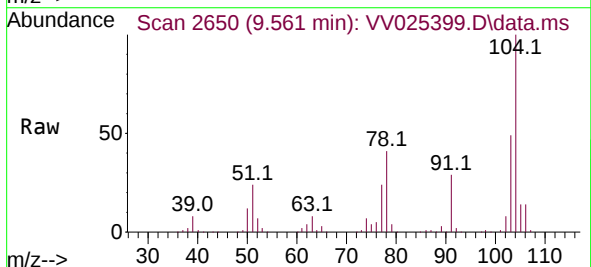
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

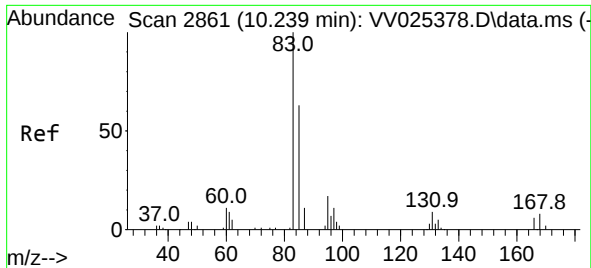
Tgt Ion:106 Resp: 100946
Ion Ratio Lower Upper
106 100
91 211.1 143.0 265.6



#55
Styrene
Concen: 5.537 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion:104 Resp: 168106
Ion Ratio Lower Upper
104 100
78 41.3 30.1 55.9

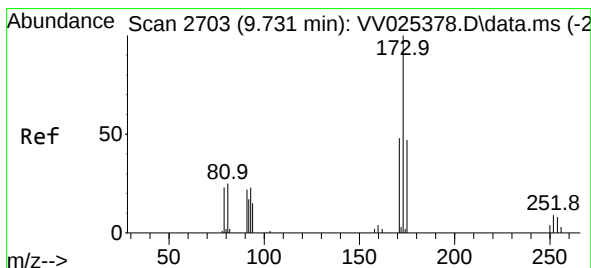
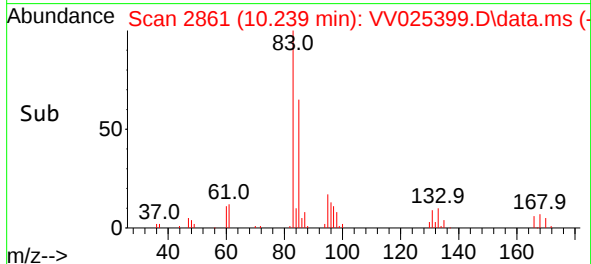
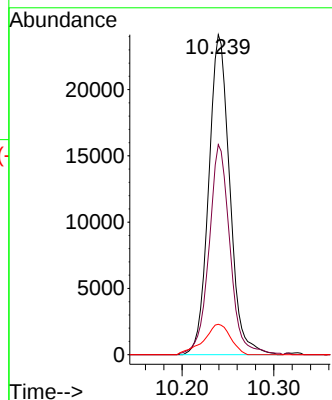
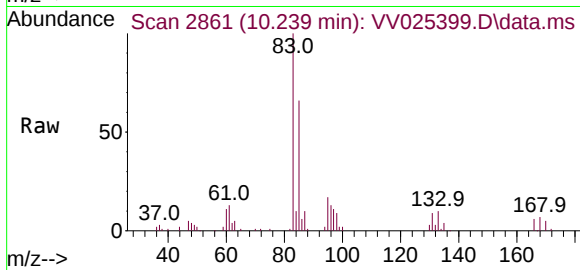




#57
1,1,2,2-Tetrachloroethane
Concen: 5.297 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

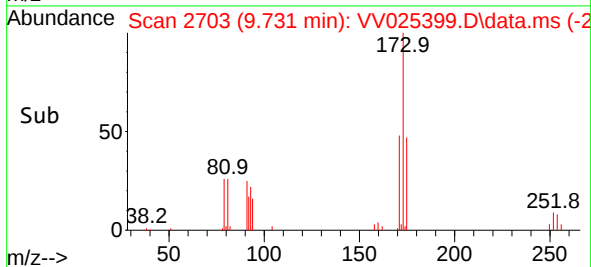
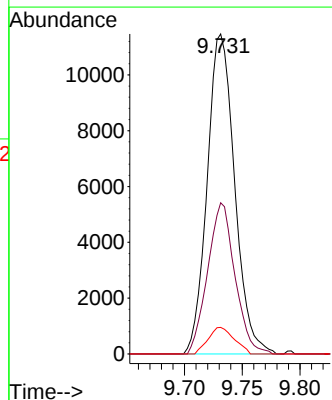
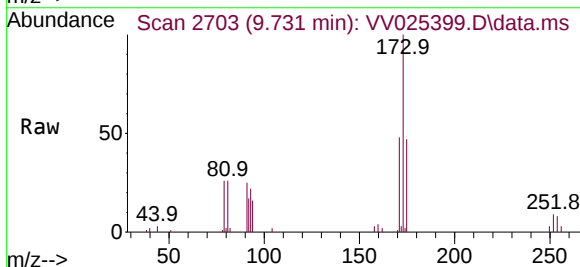
Instrument : MSVOA_V
ClientSampleId : VSTD005371

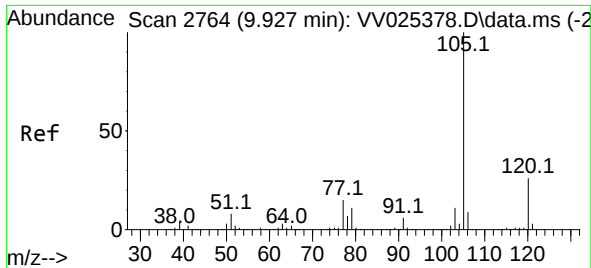
Tgt Ion: 83 Resp: 38466
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8
131 9.5 8.1 12.1



#59
Bromoform
Concen: 6.191 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 173 Resp: 18994
Ion Ratio Lower Upper
173 100
175 46.8 39.4 59.0
254 7.8 5.6 8.4

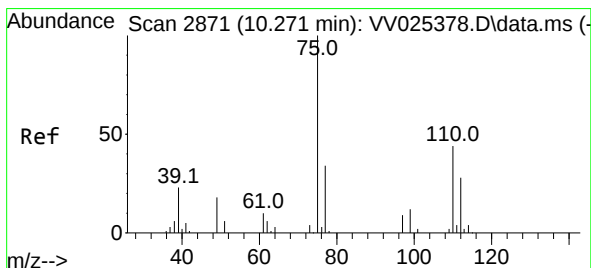
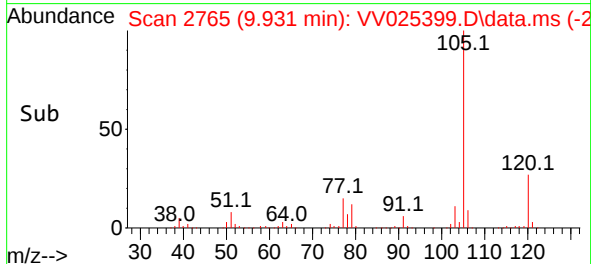
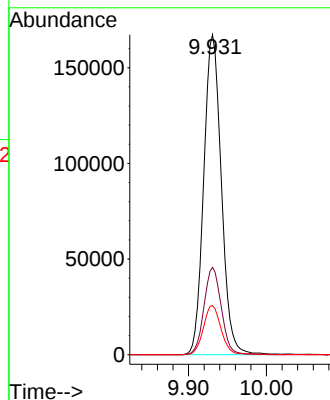
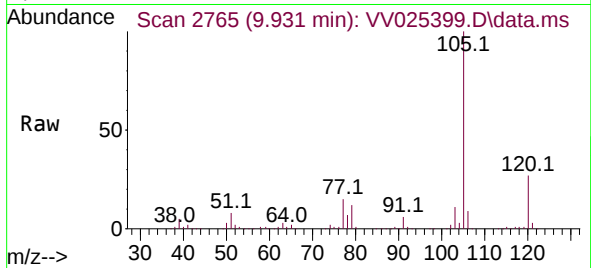




#60
Isopropylbenzene
Concen: 5.278 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

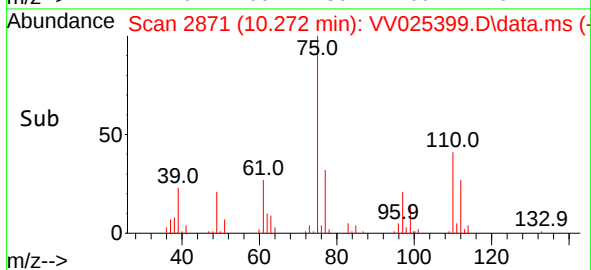
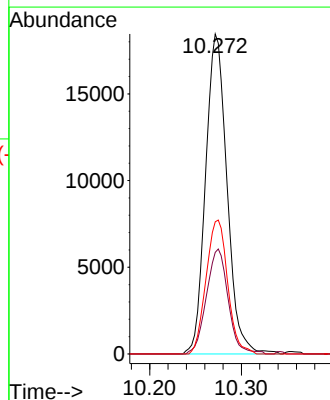
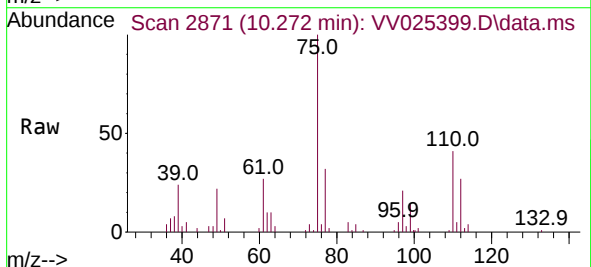
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

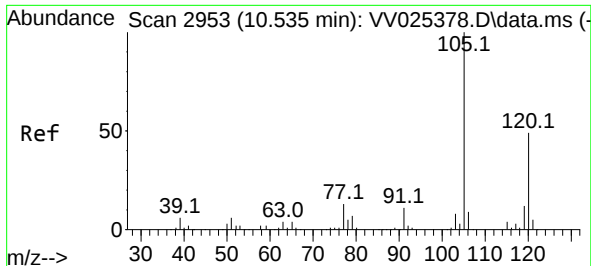
Tgt Ion:105 Resp: 262720
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.279 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 75 Resp: 29982
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6
110 42.1 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 5.096 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

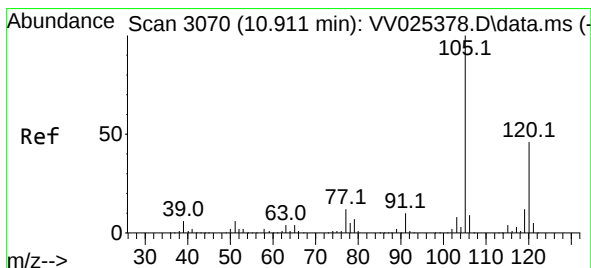
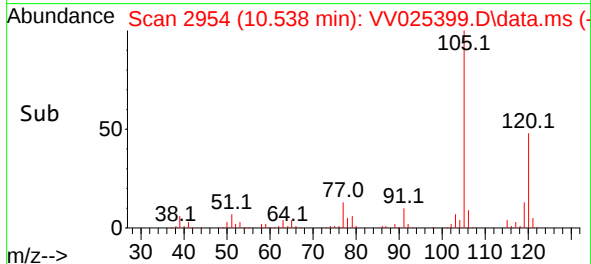
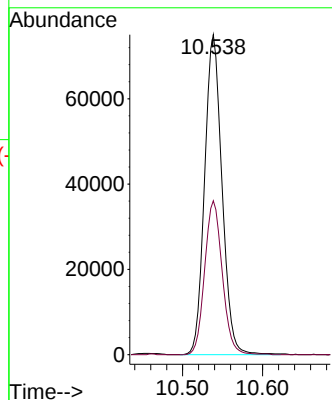
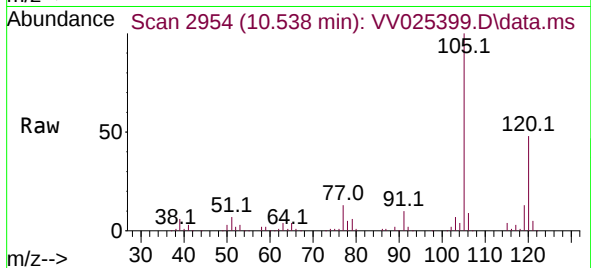
VSTD005371

Tgt Ion:105 Resp: 113759

Ion Ratio Lower Upper

105 100

120 48.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.156 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025399.D

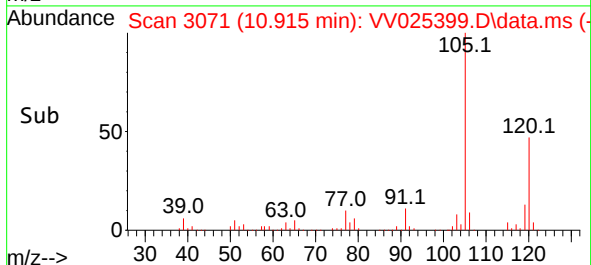
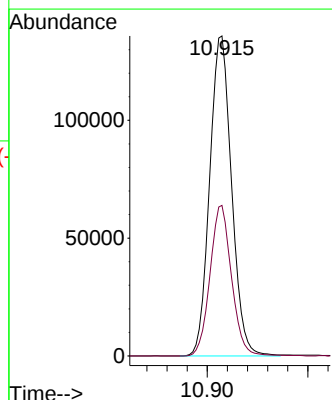
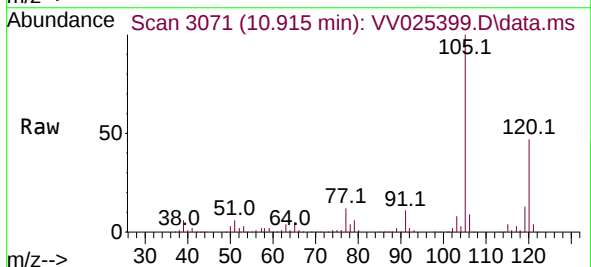
Acq: 07 Apr 2022 21:33

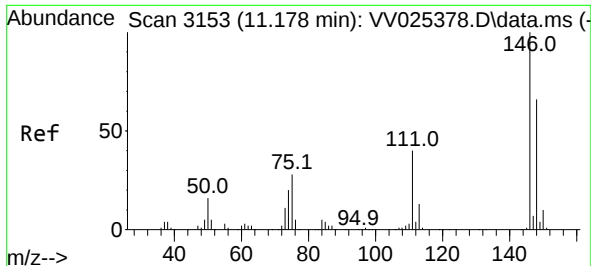
Tgt Ion:105 Resp: 205354

Ion Ratio Lower Upper

105 100

120 46.3 36.5 54.7

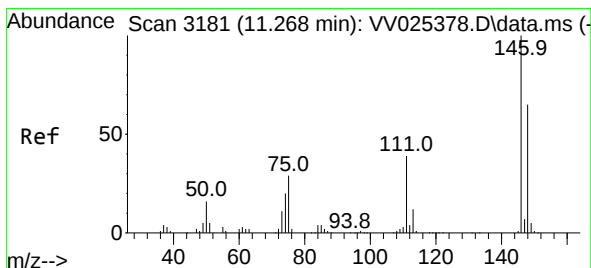
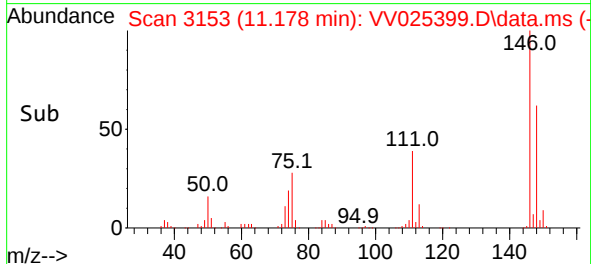
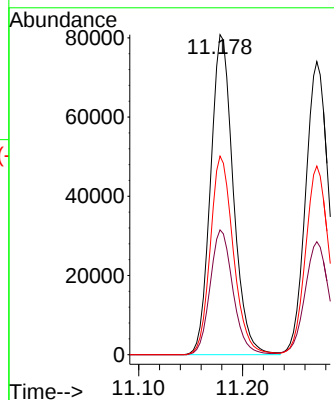
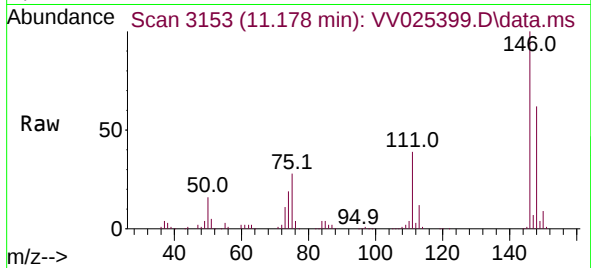




#64
1,3-Dichlorobenzene
Concen: 5.263 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

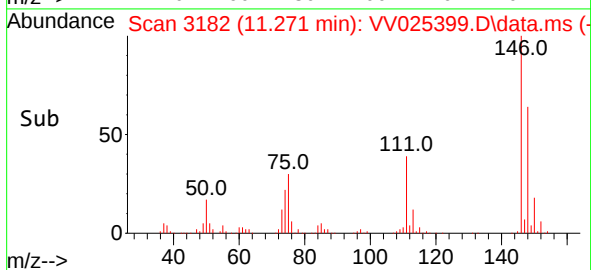
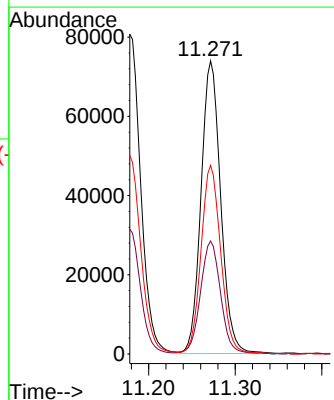
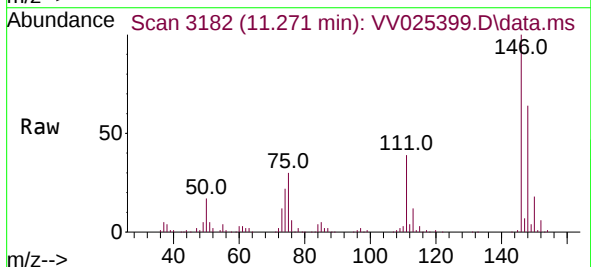
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

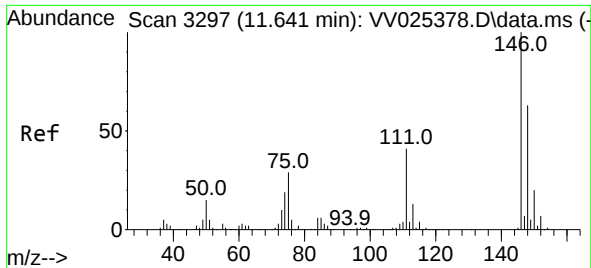
Tgt Ion:146 Resp: 122699
Ion Ratio Lower Upper
146 100
111 39.0 29.0 53.8
148 62.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.994 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion:146 Resp: 116599
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.9
148 64.4 45.6 84.8

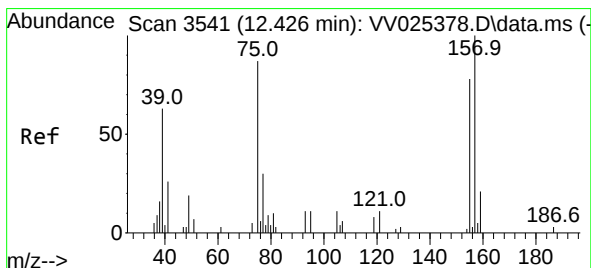
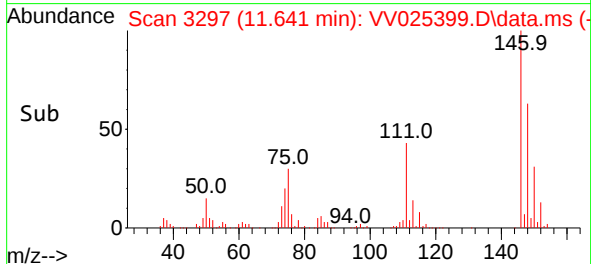
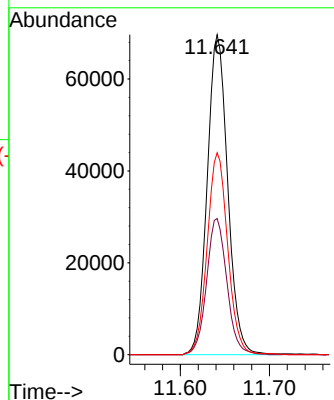
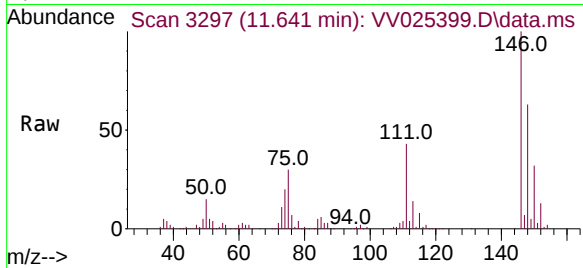




#67
1,2-Dichlorobenzene
Concen: 5.416 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

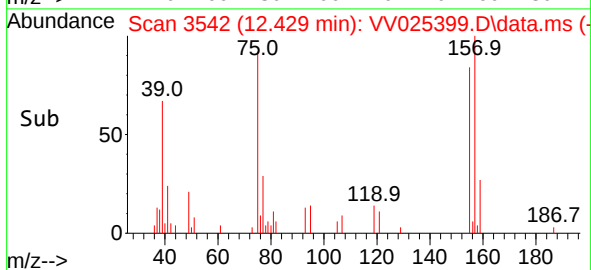
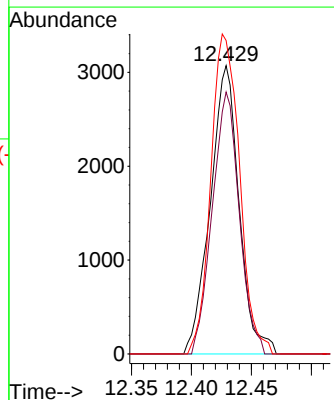
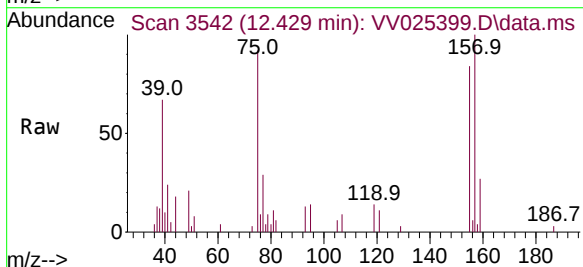
Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

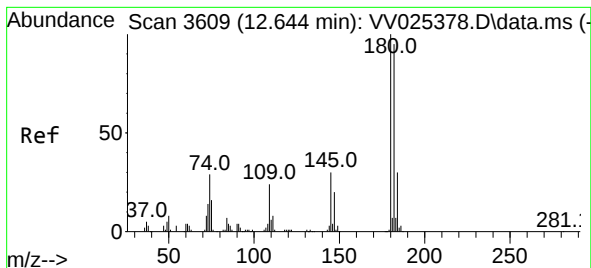
Tgt Ion:146 Resp: 111118
Ion Ratio Lower Upper
146 100
111 42.6 33.0 49.6
148 63.1 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.045 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion: 75 Resp: 5130
Ion Ratio Lower Upper
75 100
155 90.8 80.0 120.0
157 108.7 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 4.821 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025399.D

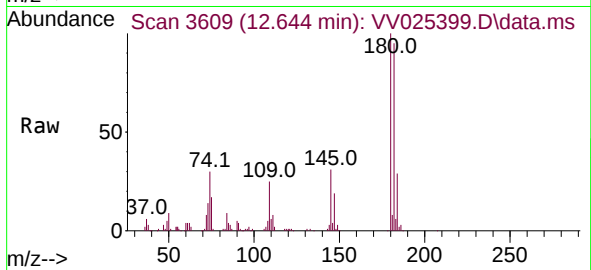
Acq: 07 Apr 2022 21:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD005371



Tgt Ion:180 Resp: 81082

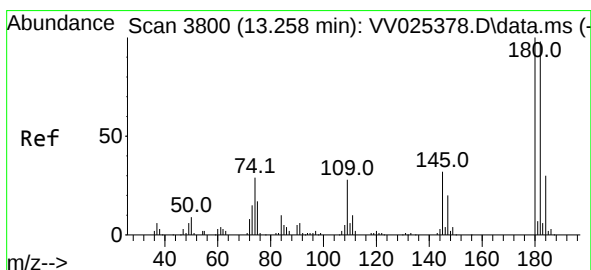
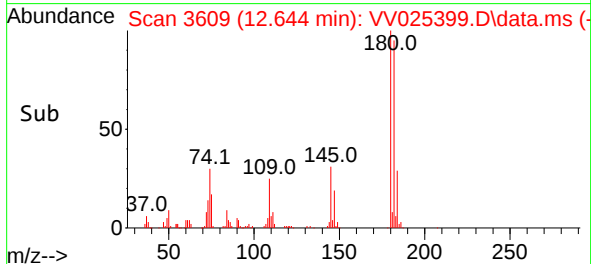
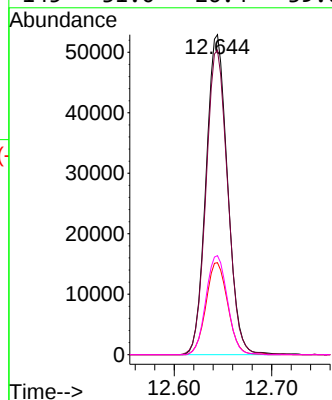
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

184 29.0 23.6 35.4

145 31.0 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 5.325 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025399.D

Acq: 07 Apr 2022 21:33

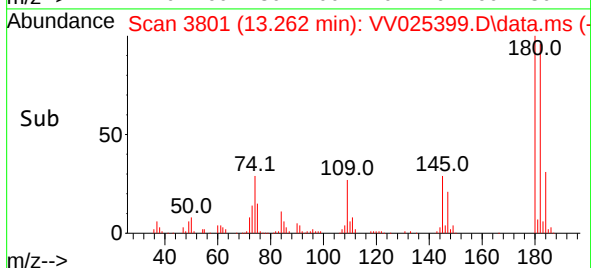
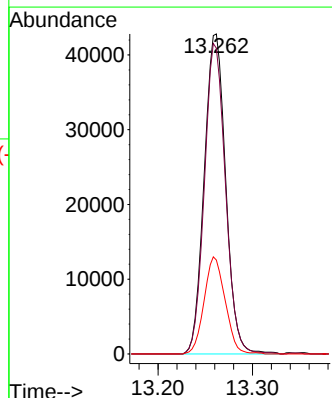
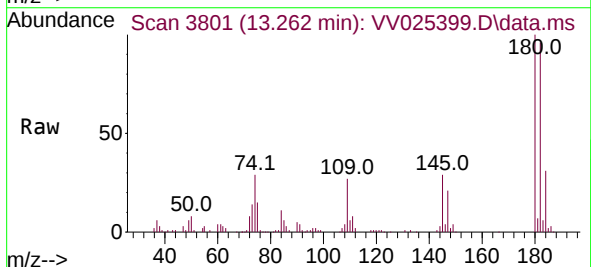
Tgt Ion:180 Resp: 67566

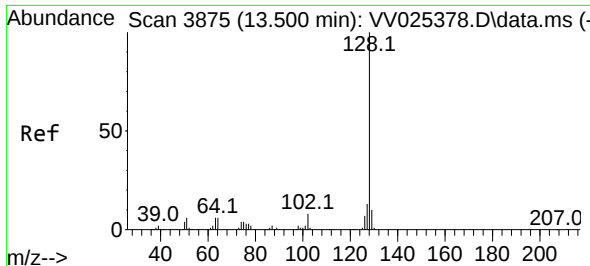
Ion Ratio Lower Upper

180 100

182 95.2 77.5 116.3

145 29.7 26.2 39.4

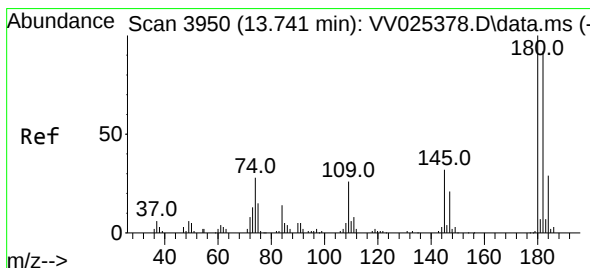
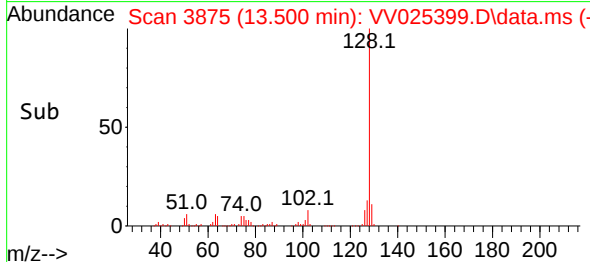
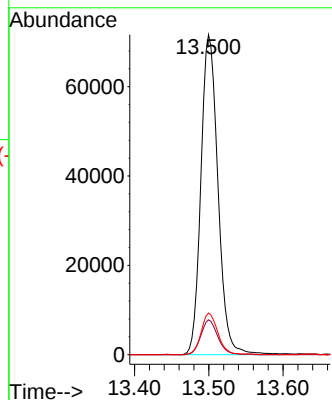
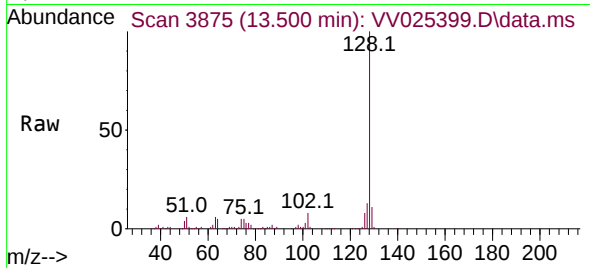




#71
Naphthalene
Concen: 5.778 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

Tgt Ion:128 Resp: 114267
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.493 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025399.D
Acq: 07 Apr 2022 21:33

Tgt Ion:180 Resp: 60059
Ion Ratio Lower Upper
180 100
182 92.7 75.8 113.6
145 33.3 28.6 42.8

