

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026369.D
 Acq On : 17 Jun 2022 06:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Jun 17 07:24:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	214531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	70958	3.808	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.584	69	61288	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.127	63	136036	4.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.931	46	86946	47.820	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.640%
24) Chloroform-d	4.365	84	134995	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.047	65	52321	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.059	84	251600	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.076	67	72203	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.320	98	233353	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.629	79	17197	3.415	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.092	63	62230	40.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48265	5.046	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	71333	4.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	85210	5.312	ug/L	100
3) Chloromethane	1.259	50	86515	4.857	ug/L	98
5) Vinyl chloride	1.327	62	94157	5.085	ug/L	90
6) Bromomethane	1.539	94	47094	4.550	ug/L	100
8) Chloroethane	1.603	64	100175	8.714	ug/L	83
9) Trichlorofluoromethane	1.770	101	134144	5.248	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	76774	5.179	ug/L	98
12) 1,1-Dichloroethene	2.134	96	71228	5.255	ug/L	98
13) Acetone	2.217	43	62018	44.014	ug/L	91
14) Carbon disulfide	2.310	76	172565	5.164	ug/L	99
15) Methyl Acetate	2.458	43	34426	10.183	ug/L	95
16) Methylene chloride	2.523	84	90351	5.225	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	116244	4.988	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	68979	5.248	ug/L	97
19) 1,1-Dichloroethane	3.207	63	133912	5.342	ug/L	97
21) 2-Butanone	4.015	43	84280	46.226	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	70607	5.309	ug/L	98
23) Bromochloromethane	4.269	128	29579	5.241	ug/L	98
25) Chloroform	4.388	83	138530	5.094	ug/L	97

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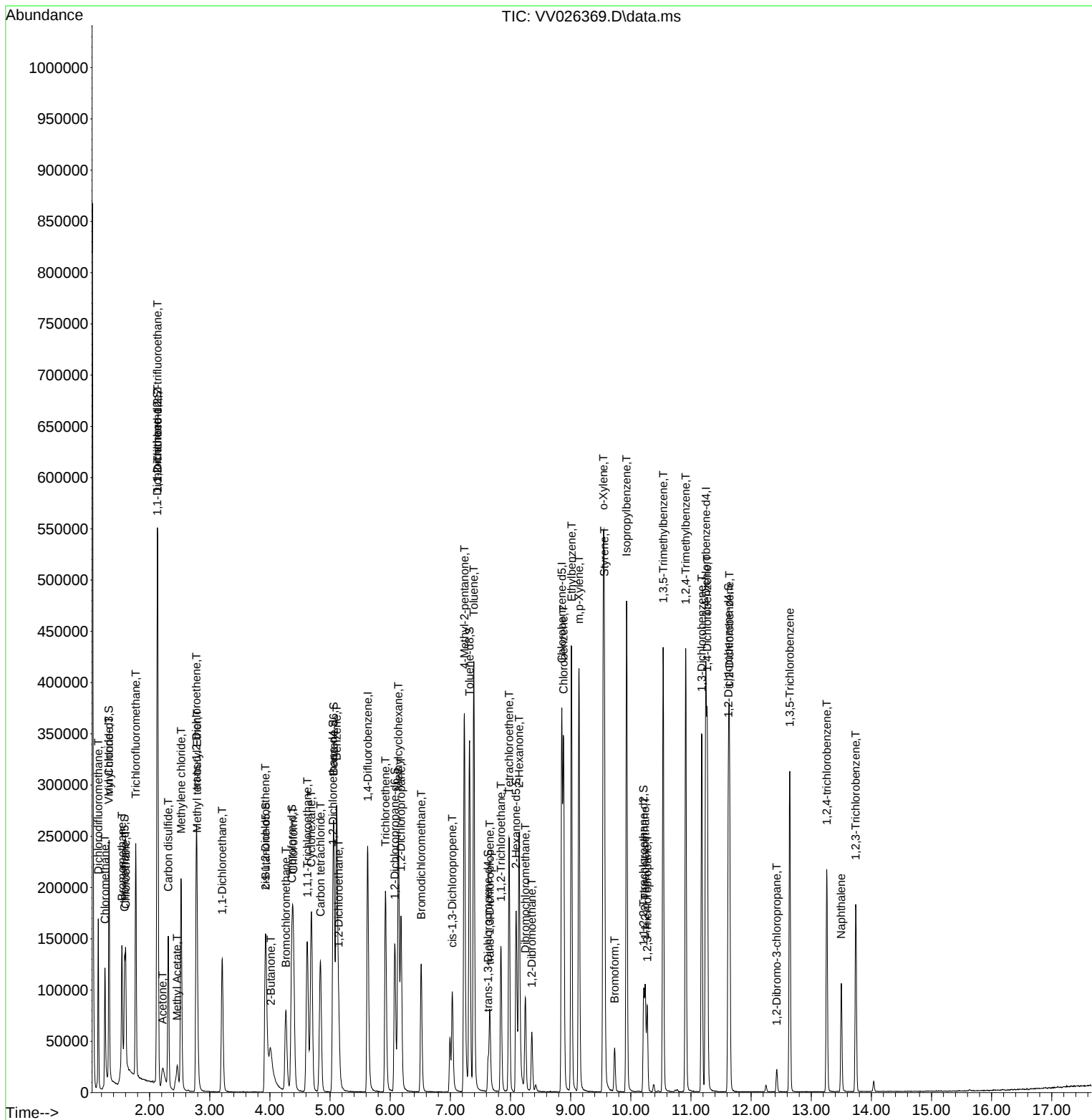
Instrument :
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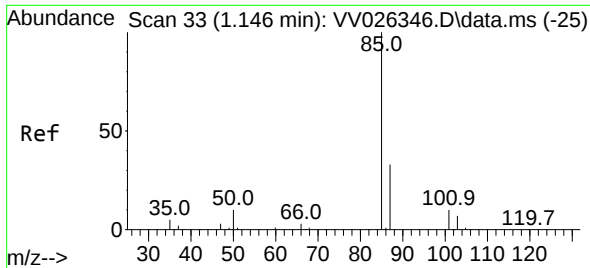
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	64730	5.230	ug/L	100
29) 1,1,1-Trichloroethane	4.622	97	120978	5.502	ug/L	99
30) Cyclohexane	4.690	56	86003	5.229	ug/L	98
31) Carbon tetrachloride	4.841	117	98730	5.301	ug/L	99
33) Benzene	5.111	78	291013	5.704	ug/L	100
34) Trichloroethene	5.921	95	70243	5.043	ug/L	98
35) Methylcyclohexane	6.137	83	99382	5.158	ug/L	98
37) 1,2-Dichloropropane	6.178	63	71027	5.323	ug/L	98
38) Bromodichloromethane	6.516	83	85398	5.276	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	63922	4.197	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	252498	51.459	ug/L	99
42) Toluene	7.391	91	310657	5.789	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	49122	4.038	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46502	5.309	ug/L	95
47) Tetrachloroethene	7.979	164	56000	5.428	ug/L	99
48) 2-Hexanone	8.143	43	160788	45.737	ug/L	98
49) Dibromochloromethane	8.246	129	47486	4.895	ug/L	97
50) 1,2-Dibromoethane	8.355	107	38051	5.098	ug/L	94
51) Chlorobenzene	8.883	112	190883	5.448	ug/L	99
52) Ethylbenzene	9.014	91	300565	5.587	ug/L	99
53) m,p-Xylene	9.140	106	119844	5.715	ug/L	95
54) o-Xylene	9.545	106	111339	5.481	ug/L	97
55) Styrene	9.561	104	193038	5.659	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	50413	5.674	ug/L	99
59) Bromoform	9.731	173	19302	4.302	ug/L	100
60) Isopropylbenzene	9.931	105	300806	5.522	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34356	5.181	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	226145	5.232	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	232693	5.439	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	144932	5.415	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	140968	5.182	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	121516	5.126	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5628	4.792	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	95535	4.936	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	66680	4.671	ug/L	99
71) Naphthalene	13.500	128	85146	4.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54913	4.595	ug/L	99

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

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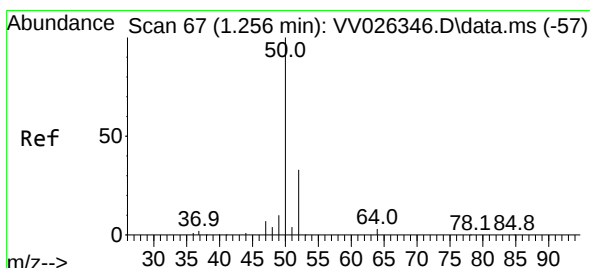
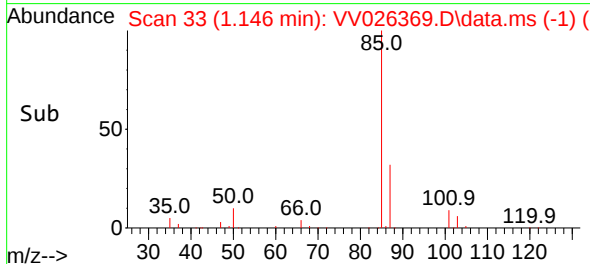
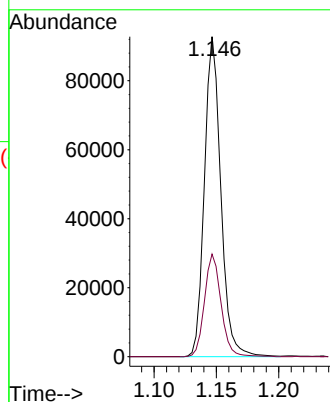
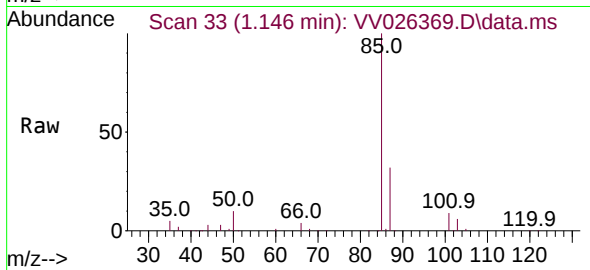




#2
 Dichlorodifluoromethane
 Concen: 5.312 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

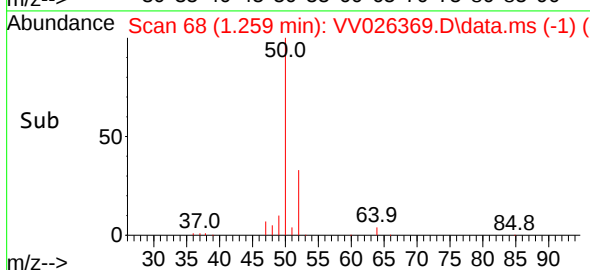
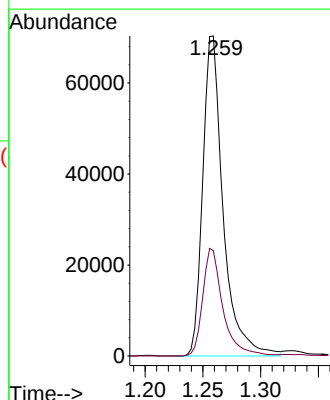
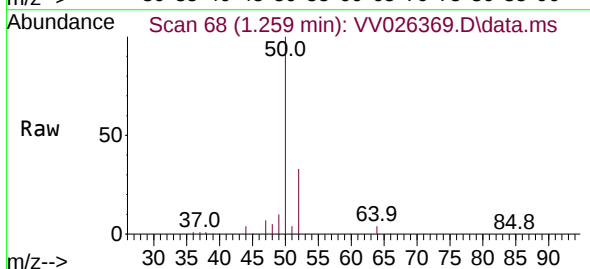
Instrument :
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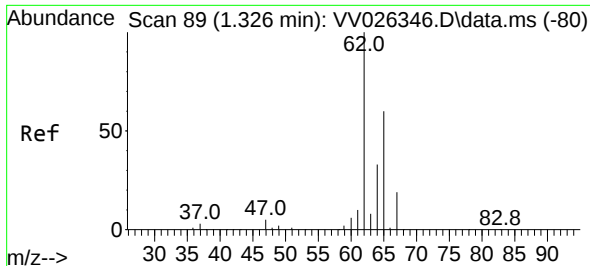
Tgt Ion: 85 Resp: 85210
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.857 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion: 50 Resp: 86515
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1

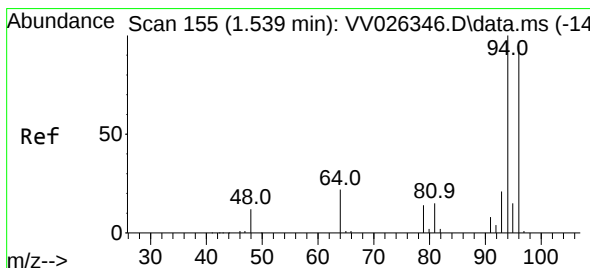
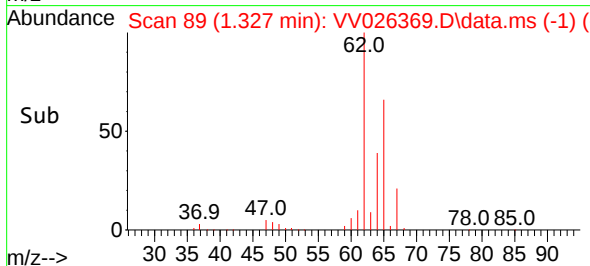
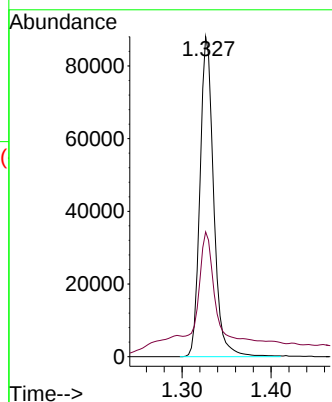
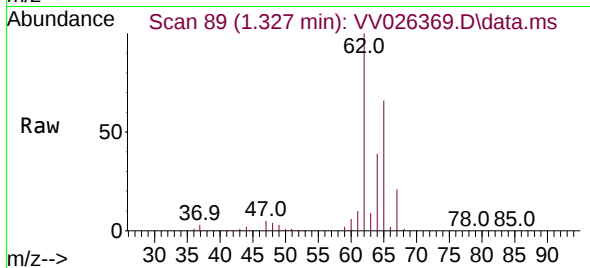




#5
 Vinyl chloride
 Concen: 5.085 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

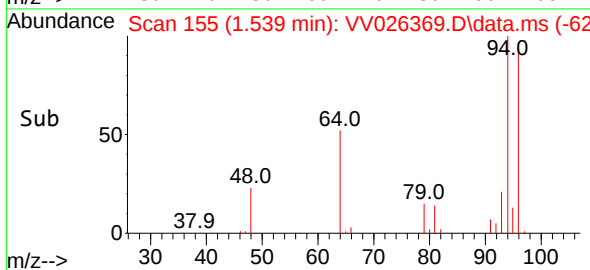
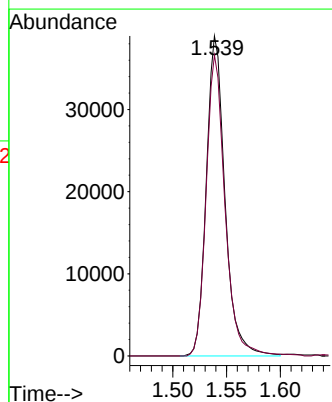
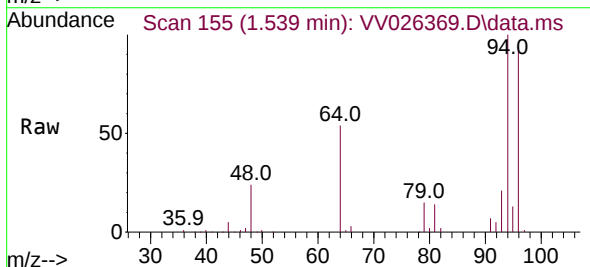
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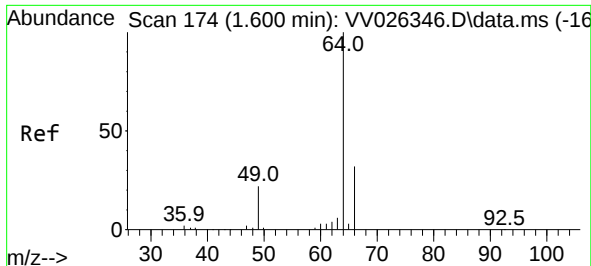
Tgt Ion: 62 Resp: 94157
 Ion Ratio Lower Upper
 62 100
 64 39.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.550 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion: 94 Resp: 47094
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.7 121.9

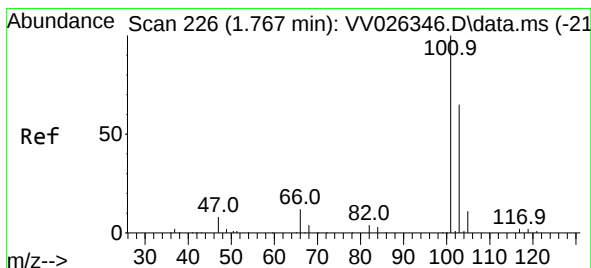
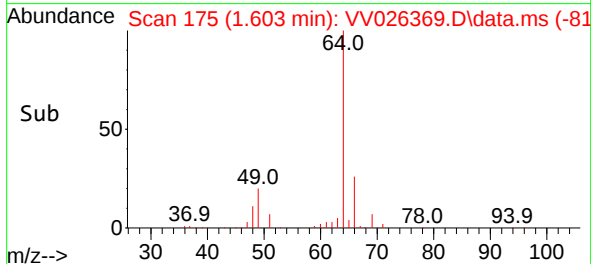
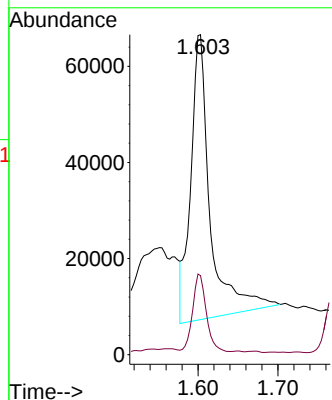
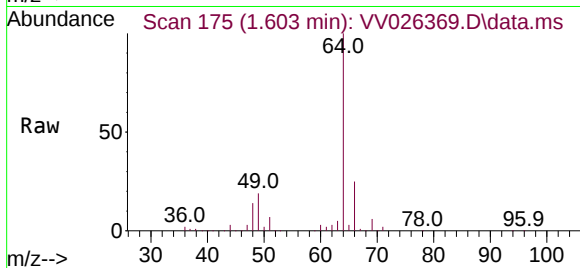




#8
Chloroethane
Concen: 8.714 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

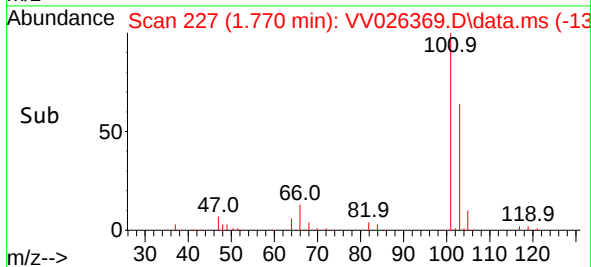
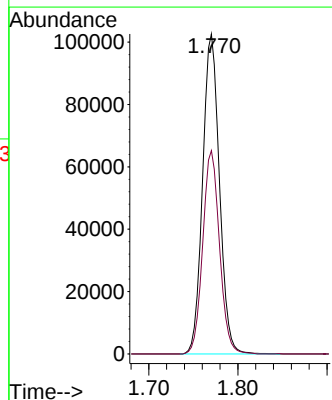
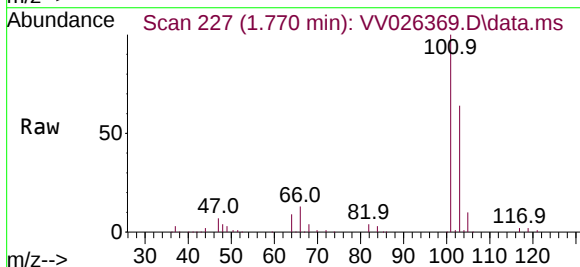
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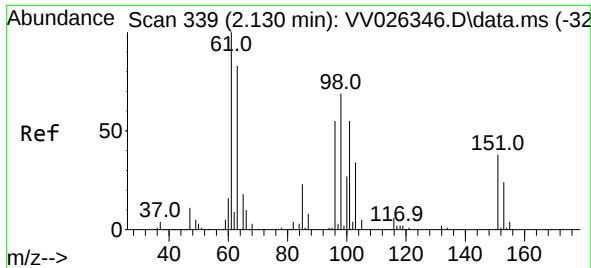
Tgt Ion: 64 Resp: 100175
Ion Ratio Lower Upper
64 100
66 24.7 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.248 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion:101 Resp: 134144
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5

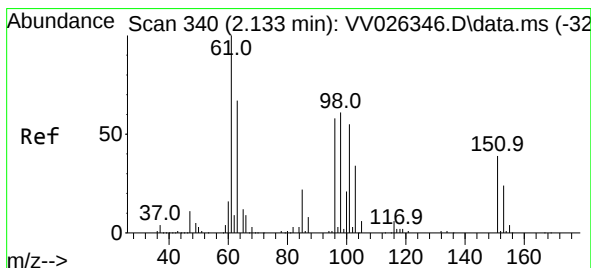
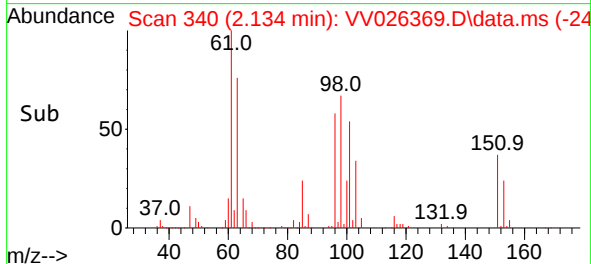
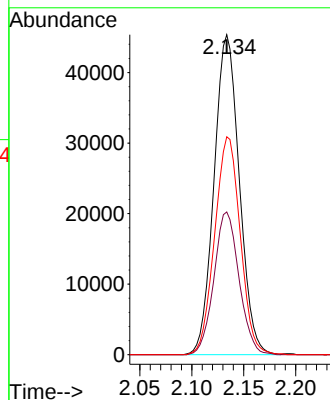
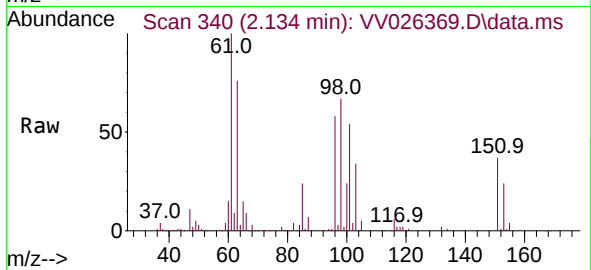




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.179 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

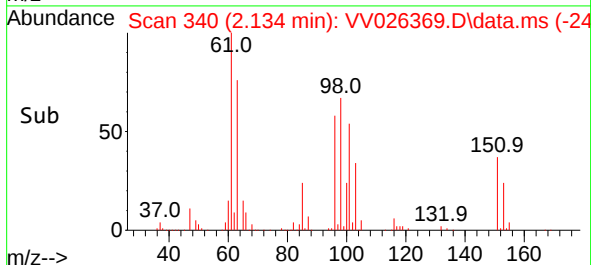
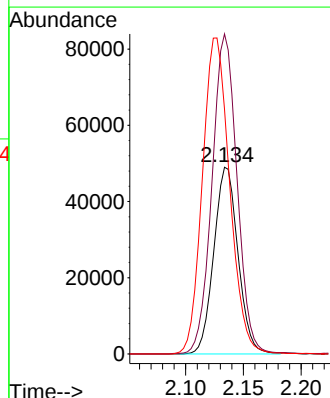
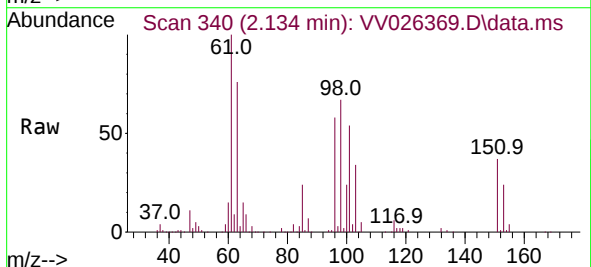
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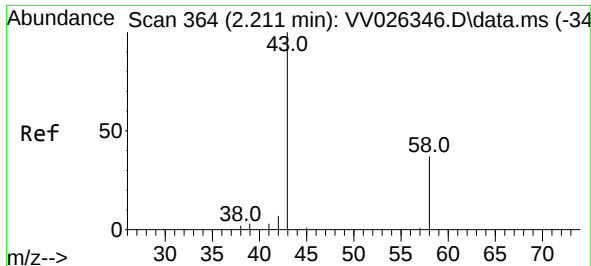
Tgt Ion: 101 Resp: 76774
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.3 52.9
 151 69.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.255 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion: 96 Resp: 71228
 Ion Ratio Lower Upper
 96 100
 61 171.4 117.1 217.5
 63 131.0 92.8 172.4





#13

Acetone

Concen: 44.014 ug/L

RT: 2.217 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

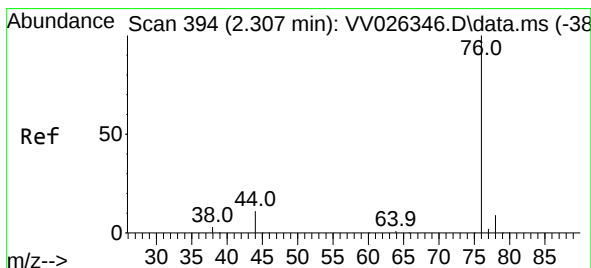
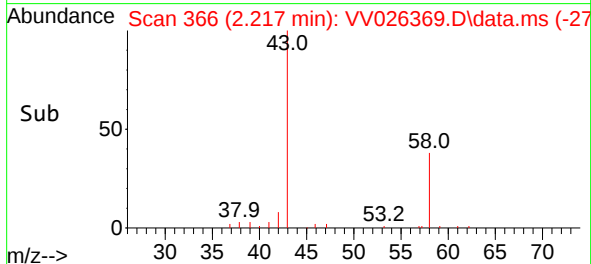
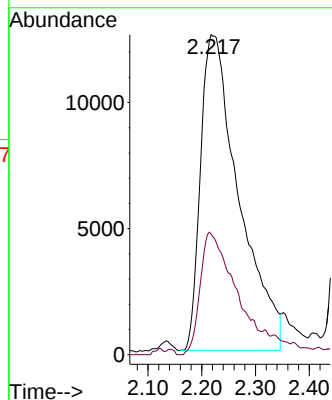
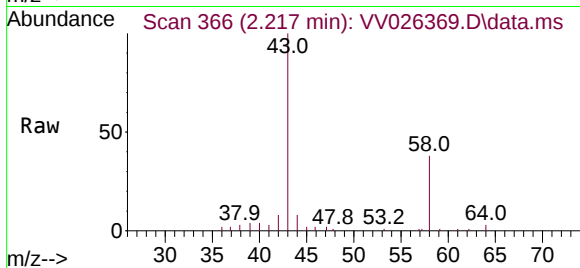
VSTD005321

Tgt Ion: 43 Resp: 62018

Ion Ratio Lower Upper

43 100

58 35.0 0.0 60.0



#14

Carbon disulfide

Concen: 5.164 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026369.D

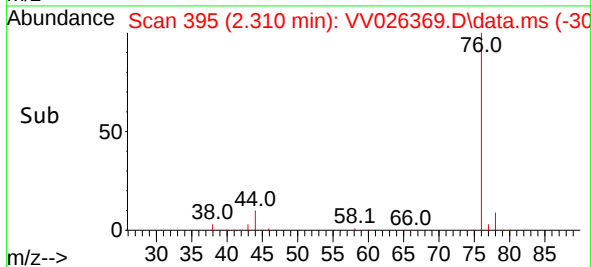
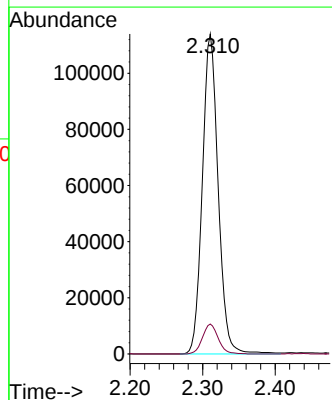
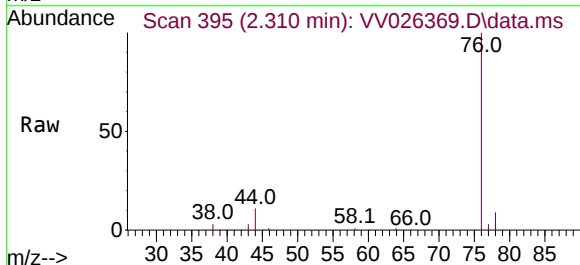
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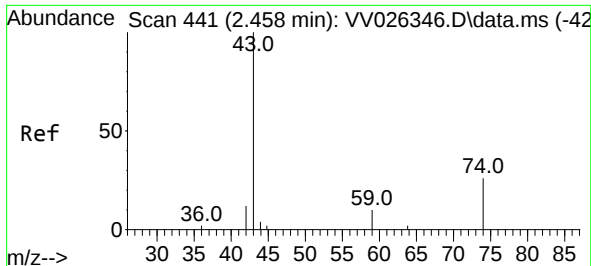
Tgt Ion: 76 Resp: 172565

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

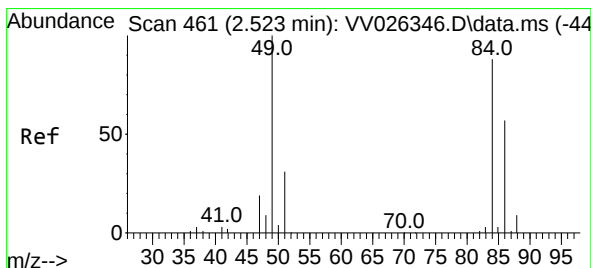
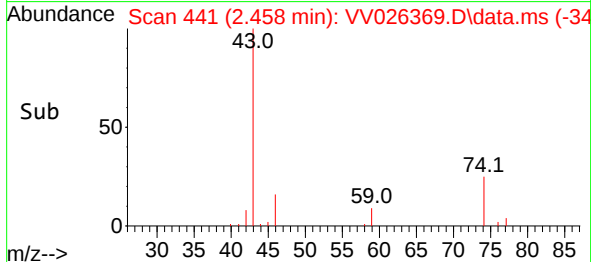
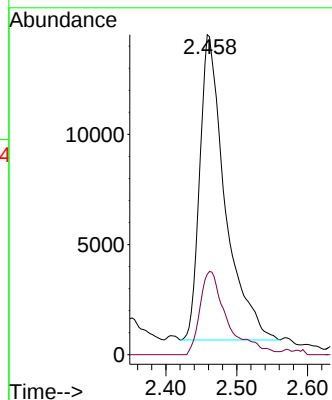
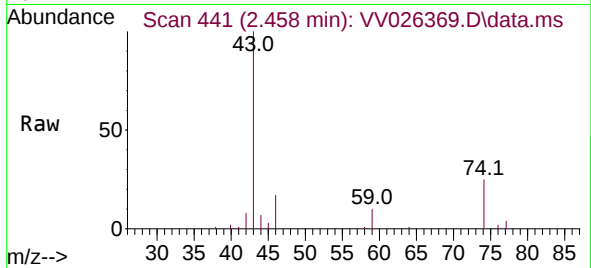




#15
Methyl Acetate
Concen: 10.183 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

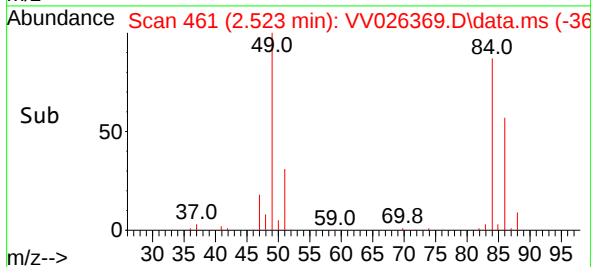
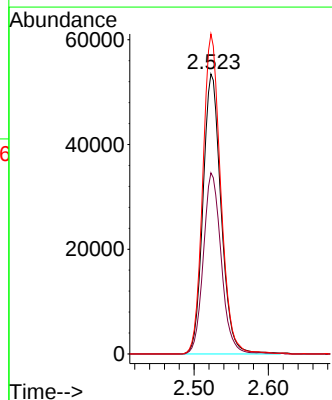
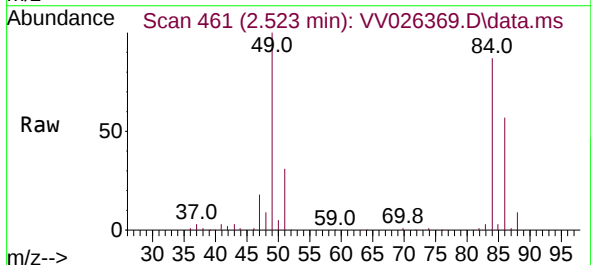
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

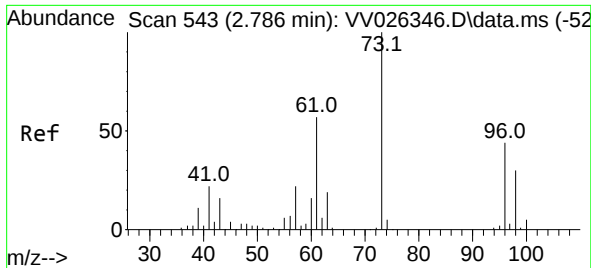
Tgt Ion: 43 Resp: 34426
Ion Ratio Lower Upper
43 100
74 29.4 21.4 32.0



#16
Methylene chloride
Concen: 5.225 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 84 Resp: 90351
Ion Ratio Lower Upper
84 100
86 64.7 44.0 81.8
49 114.3 77.3 143.7

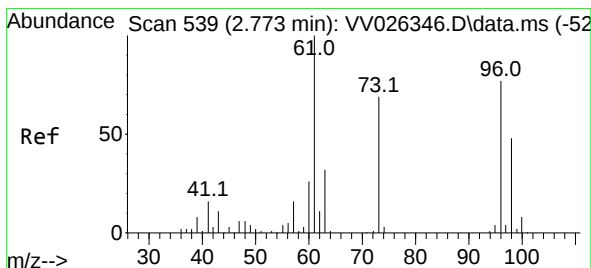
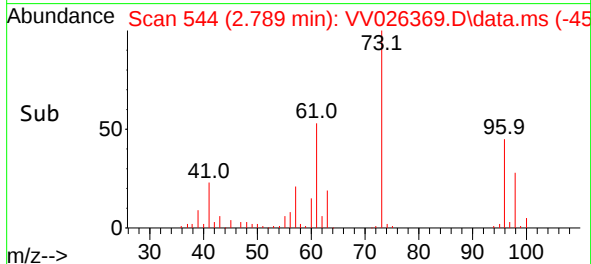
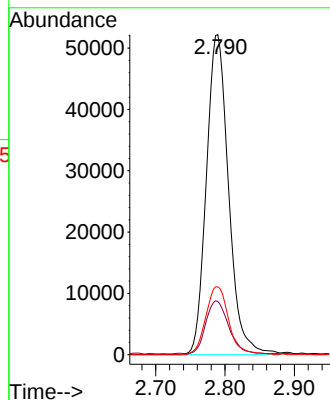
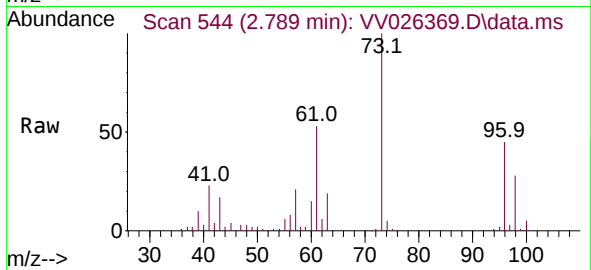




#17
Methyl tert-butyl Ether
Concen: 4.988 ug/L
RT: 2.789 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

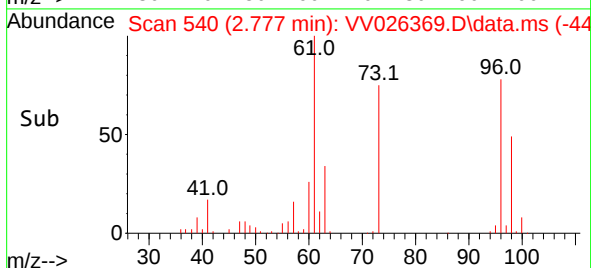
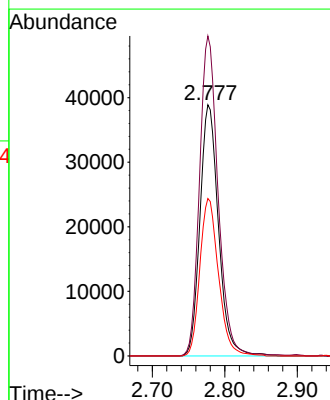
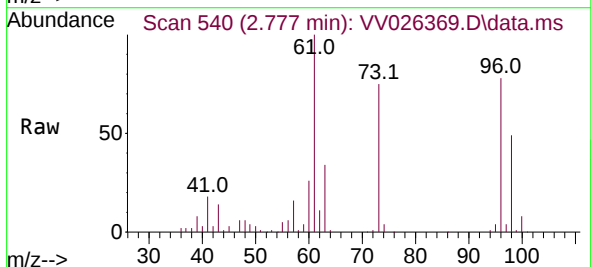
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

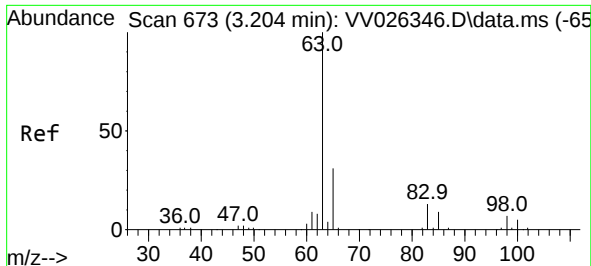
Tgt Ion: 73 Resp: 116244
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.6
57 21.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.248 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 96 Resp: 68979
Ion Ratio Lower Upper
96 100
61 127.4 91.3 169.6
98 62.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.342 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

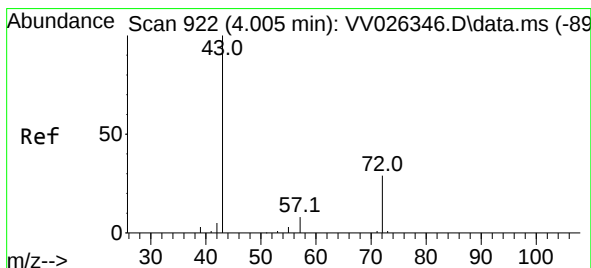
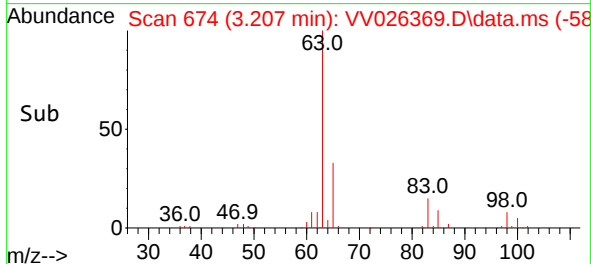
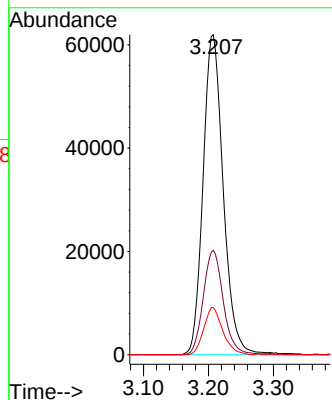
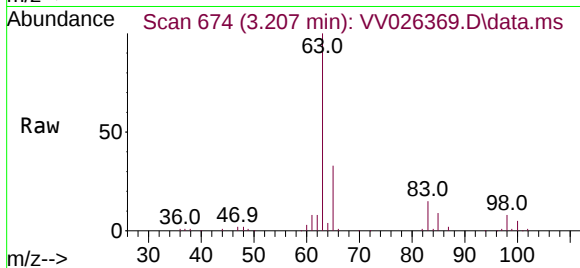
Tgt Ion: 63 Resp: 133912

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 14.7 8.9 16.5



#21

2-Butanone

Concen: 46.226 ug/L

RT: 4.015 min Scan# 925

Delta R.T. 0.010 min

Lab File: VV026369.D

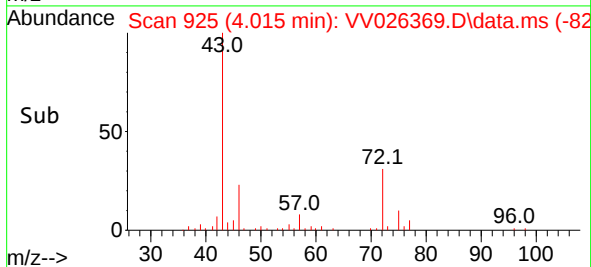
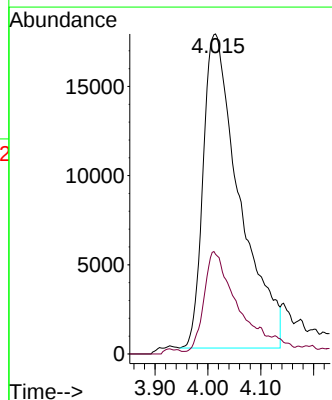
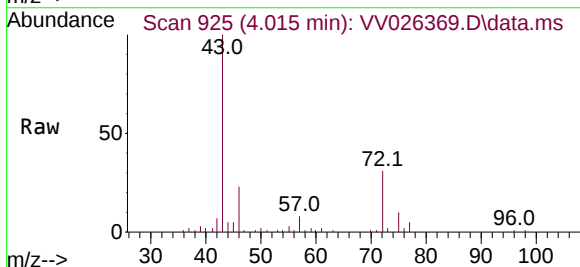
Acq: 17 Jun 2022 06:02

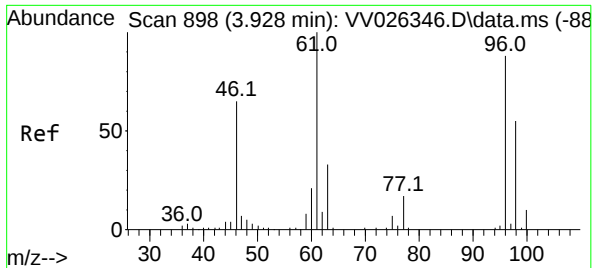
Tgt Ion: 43 Resp: 84280

Ion Ratio Lower Upper

43 100

72 28.4 12.7 38.0



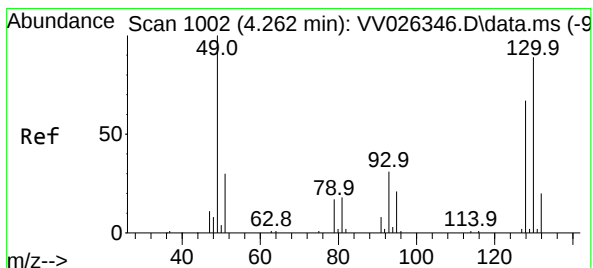
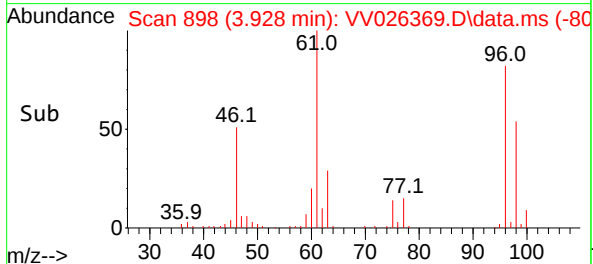
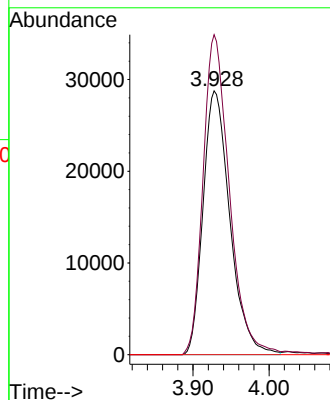
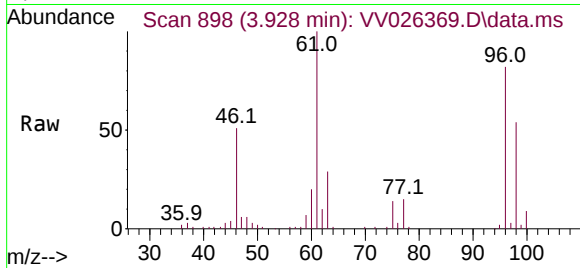


#22
 cis-1,2-Dichloroethene
 Concen: 5.309 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Tgt Ion: 96 Resp: 70607

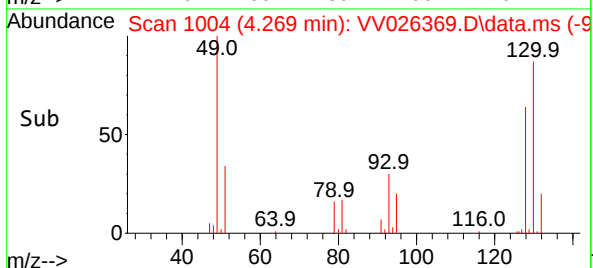
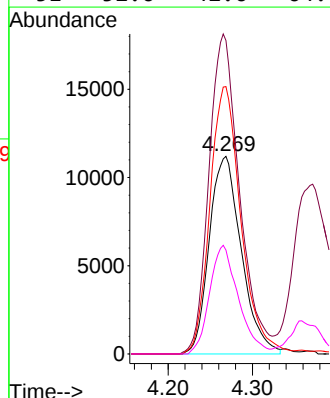
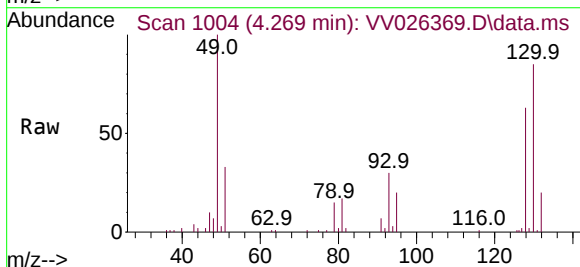
Ion	Ratio	Lower	Upper
96	100		
61	121.3	83.6	155.2
68	0.0	0.0	0.0

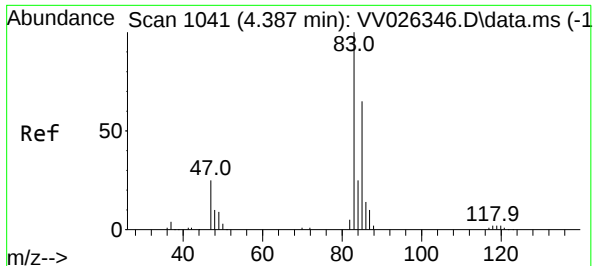


#23
 Bromochloromethane
 Concen: 5.241 ug/L
 RT: 4.269 min Scan# 1004
 Delta R.T. 0.007 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion: 128 Resp: 29579

Ion	Ratio	Lower	Upper
128	100		
49	158.5	111.6	207.2
130	135.3	91.1	169.1
51	52.6	42.6	64.0





#25

Chloroform

Concen: 5.094 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

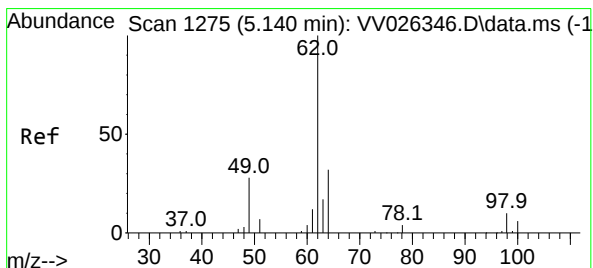
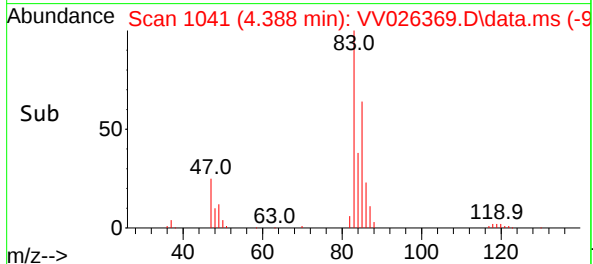
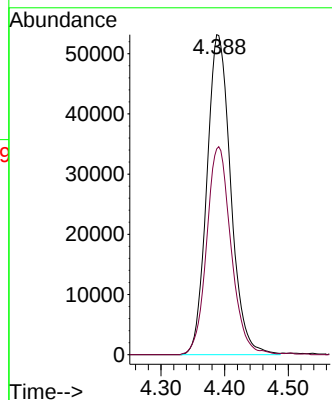
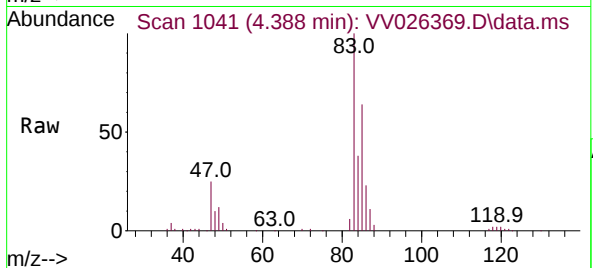
VSTD005321

Tgt Ion: 83 Resp: 138530

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.230 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026369.D

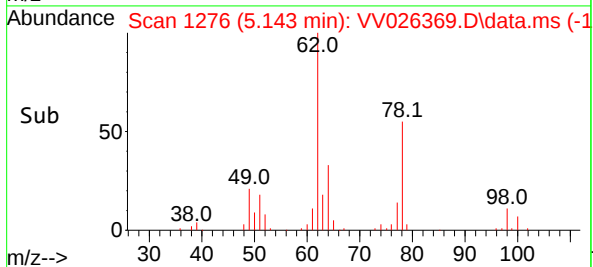
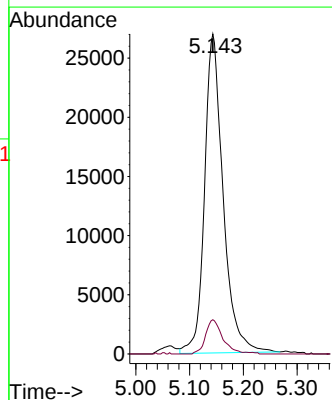
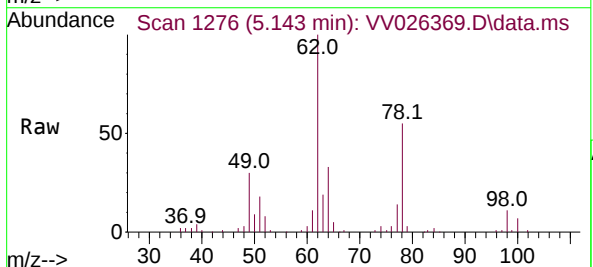
Acq: 17 Jun 2022 06:02

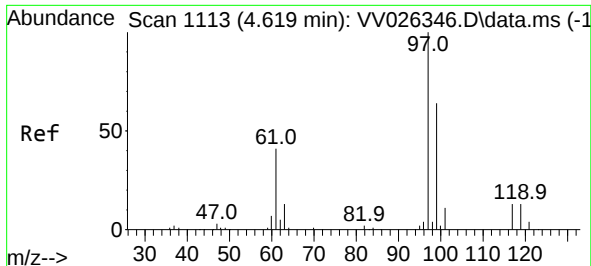
Tgt Ion: 62 Resp: 64730

Ion Ratio Lower Upper

62 100

98 10.7 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.502 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

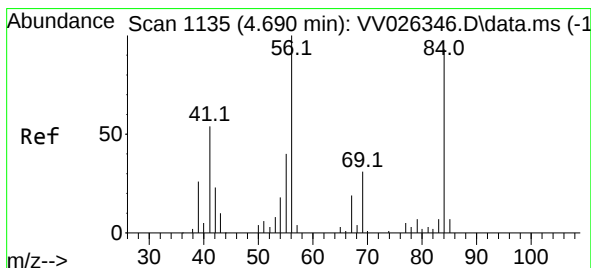
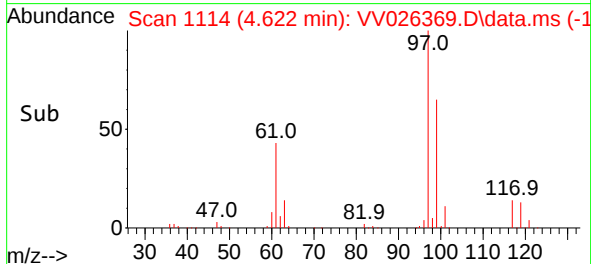
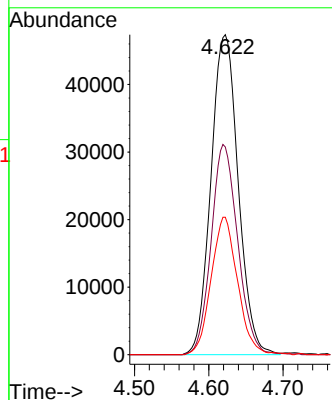
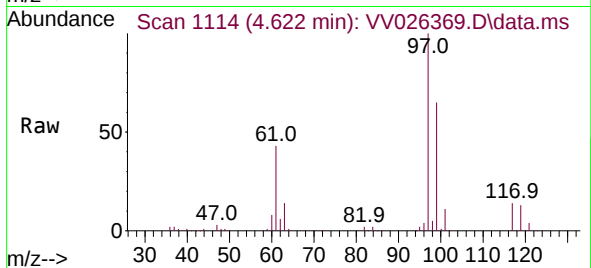
Tgt Ion: 97 Resp: 120978

Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 41.8 33.4 50.0



#30

Cyclohexane

Concen: 5.229 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

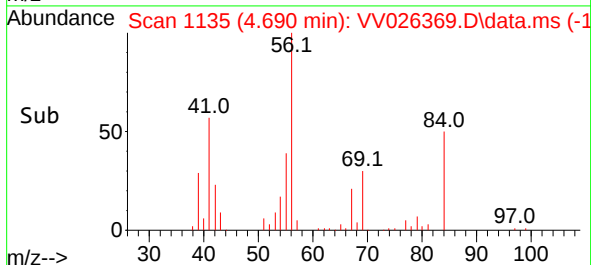
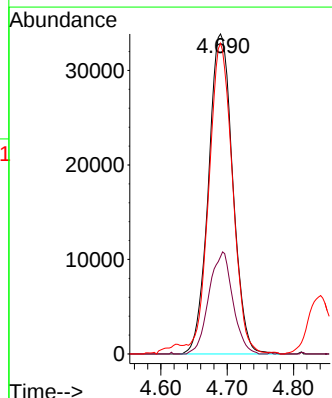
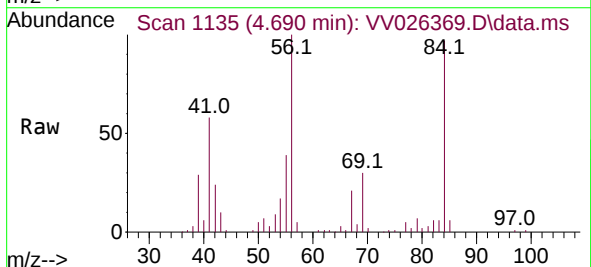
Tgt Ion: 56 Resp: 86003

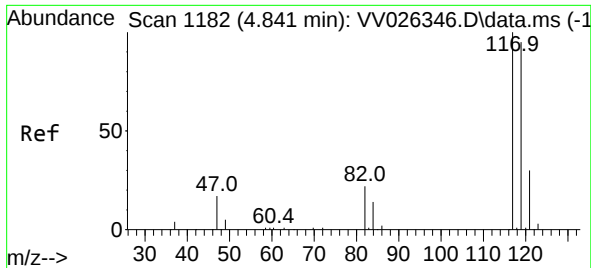
Ion Ratio Lower Upper

56 100

69 31.3 24.9 37.3

84 93.4 76.4 114.6

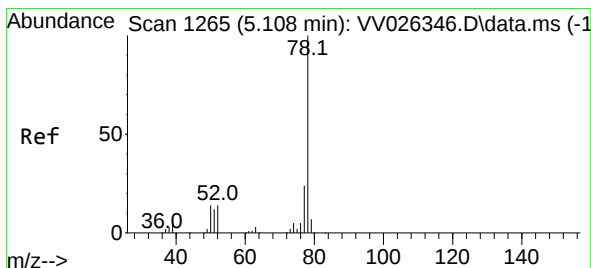
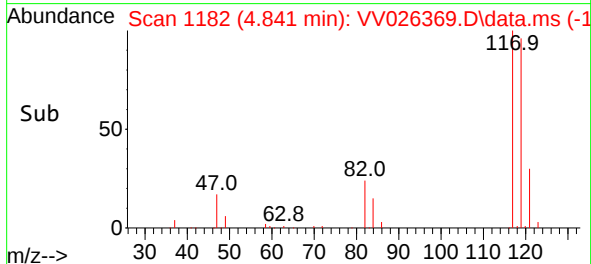
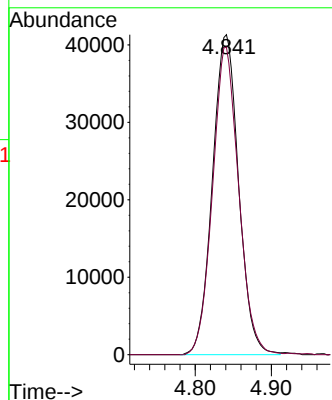
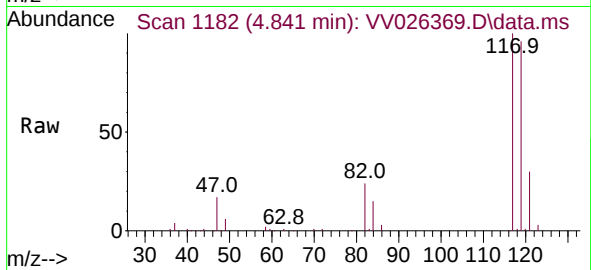




#31
Carbon tetrachloride
Concen: 5.301 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

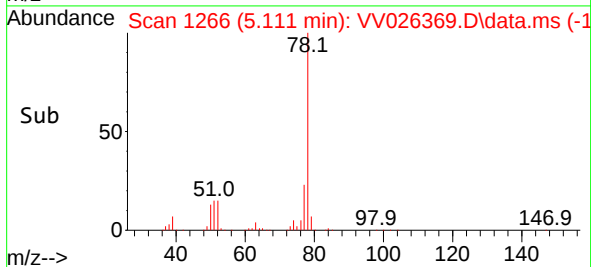
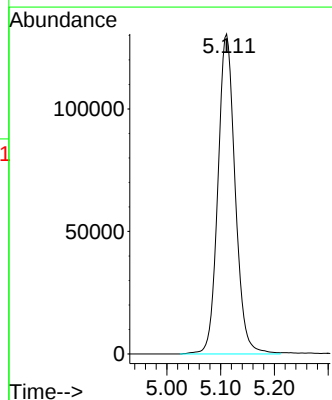
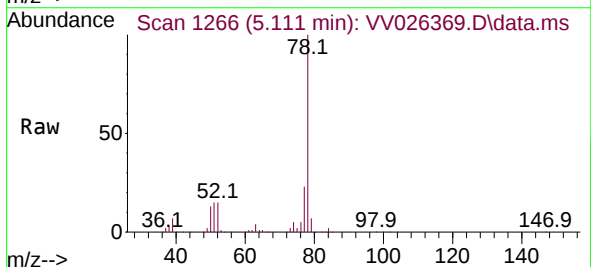
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

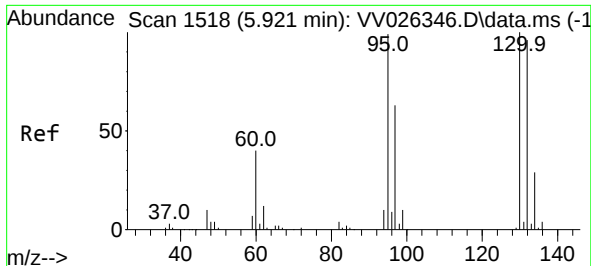
Tgt Ion:117 Resp: 98730
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4



#33
Benzene
Concen: 5.704 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 78 Resp: 291013

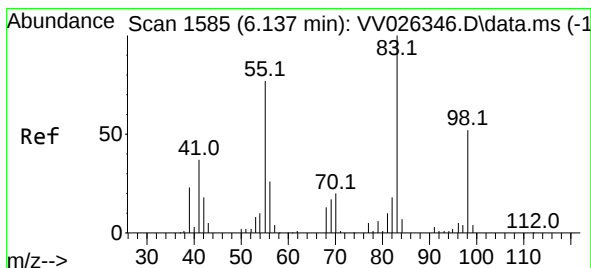
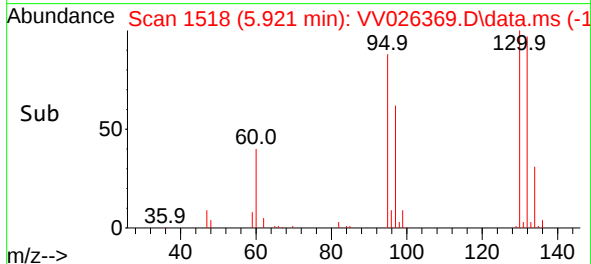
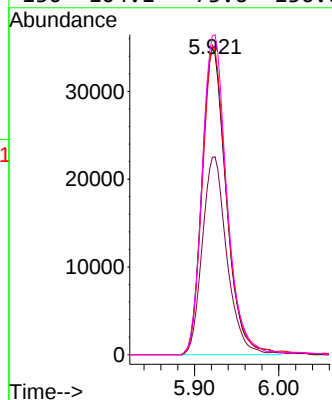
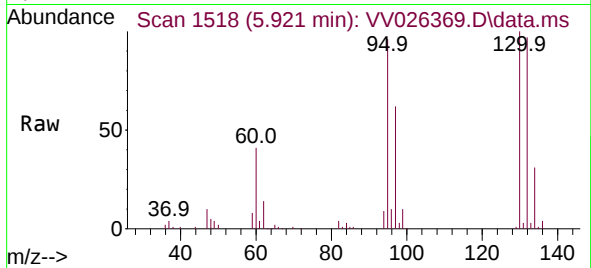




#34
Trichloroethene
Concen: 5.043 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

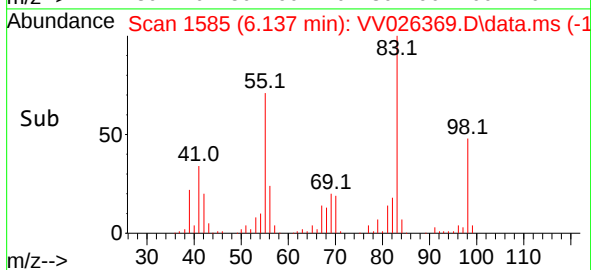
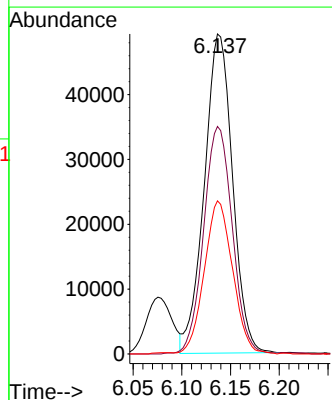
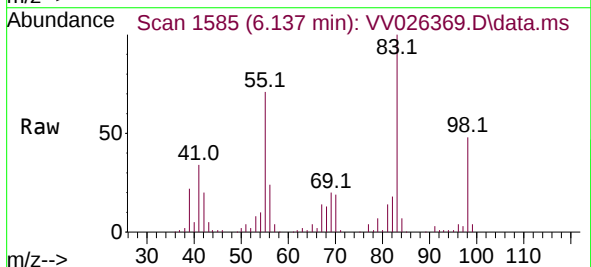
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

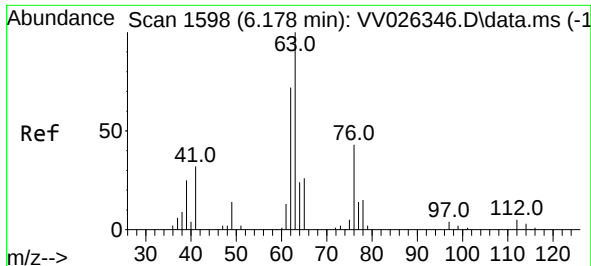
Tgt Ion: 95 Resp: 70243
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.3
132 100.9 68.8 127.8
130 104.1 73.6 136.6



#35
Methylcyclohexane
Concen: 5.158 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 83 Resp: 99382
Ion Ratio Lower Upper
83 100
55 72.4 59.3 88.9
98 48.0 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.323 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

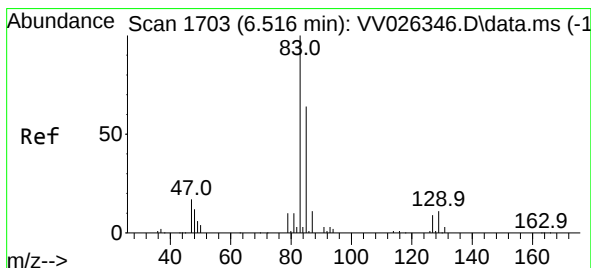
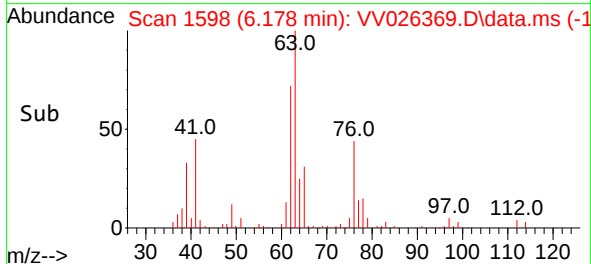
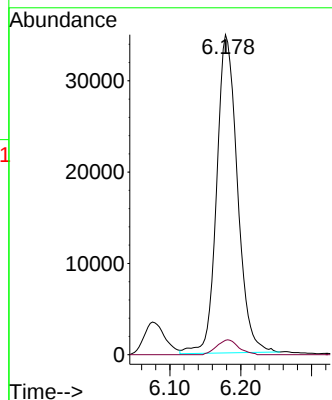
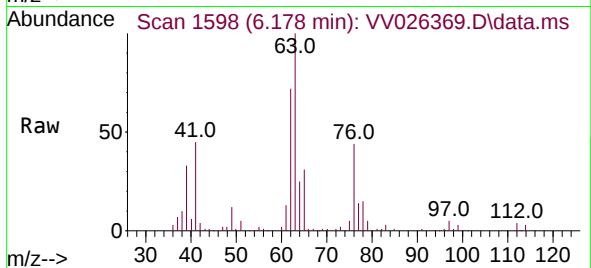
VSTD005321

Tgt Ion: 63 Resp: 71027

Ion Ratio Lower Upper

63 100

112 4.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.276 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

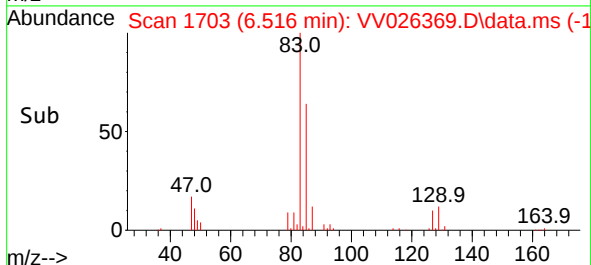
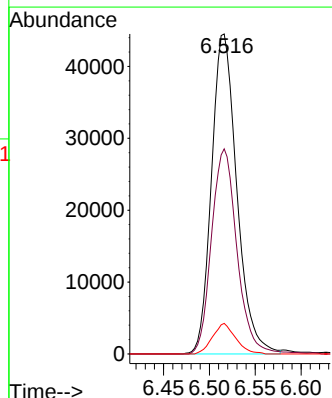
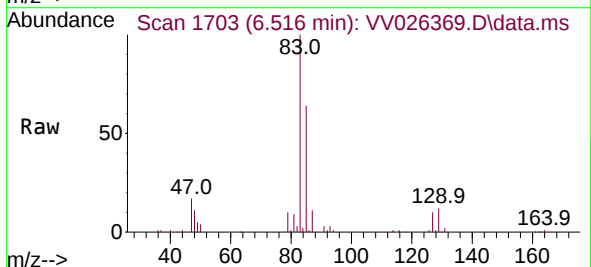
Tgt Ion: 83 Resp: 85398

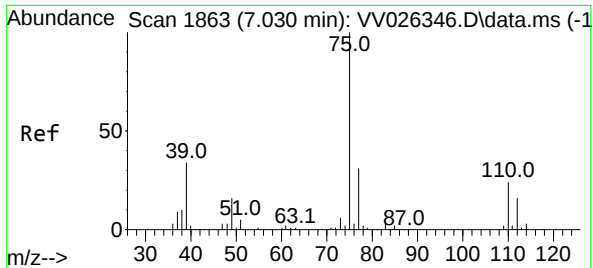
Ion Ratio Lower Upper

83 100

85 64.1 45.6 84.6

127 9.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.197 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.003 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

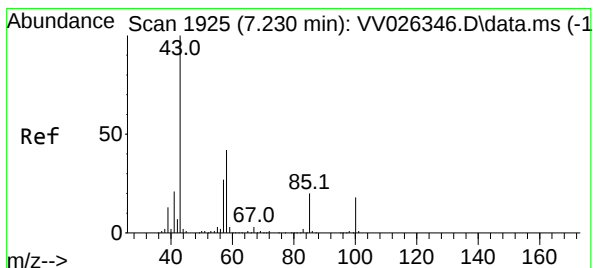
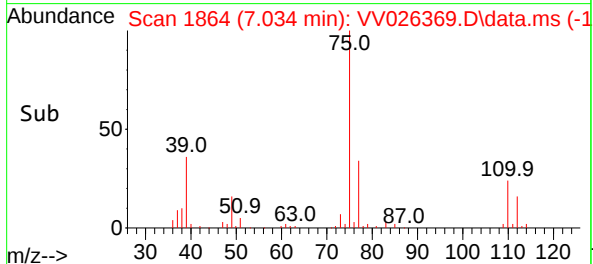
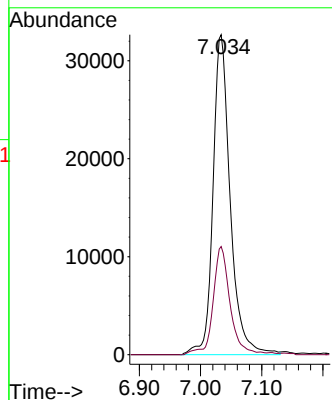
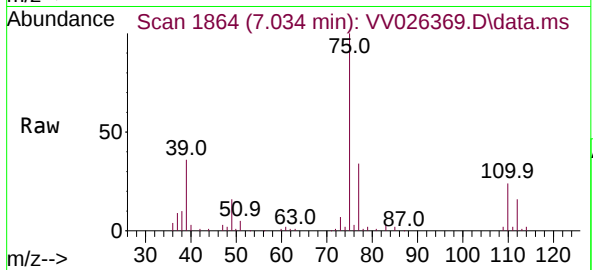
VSTD005321

Tgt Ion: 75 Resp: 63922

Ion Ratio Lower Upper

75 100

77 33.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 51.459 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

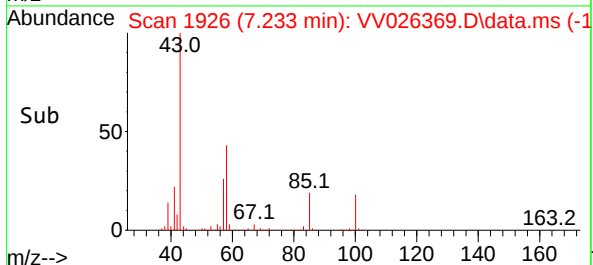
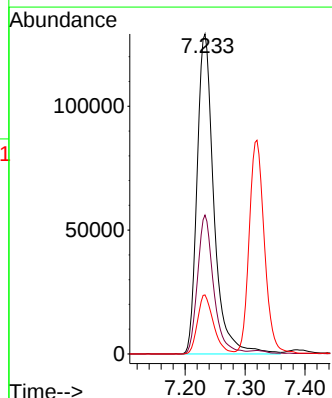
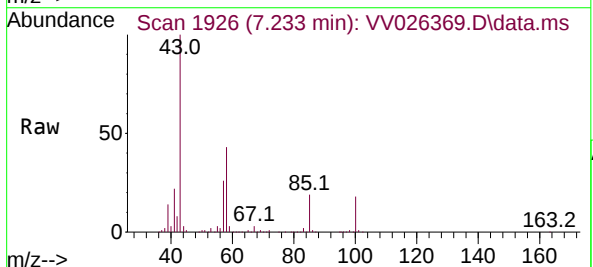
Tgt Ion: 43 Resp: 252498

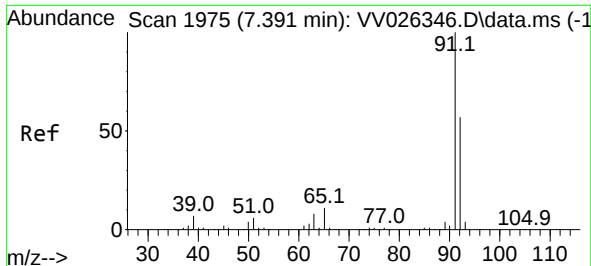
Ion Ratio Lower Upper

43 100

58 41.5 33.3 49.9

100 17.6 13.4 20.2





#42

Toluene

Concen: 5.789 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

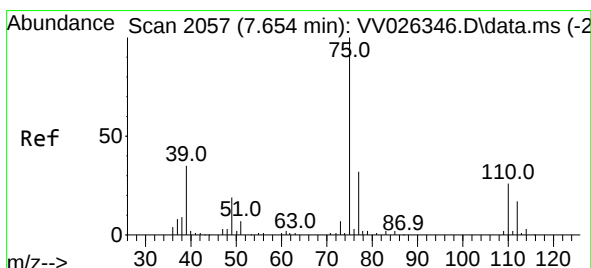
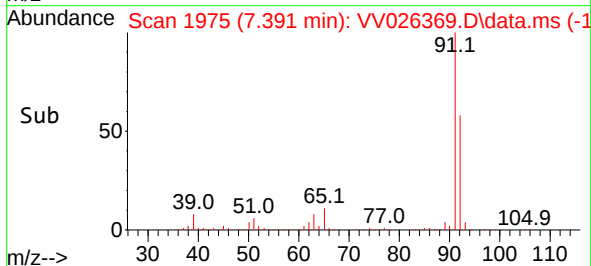
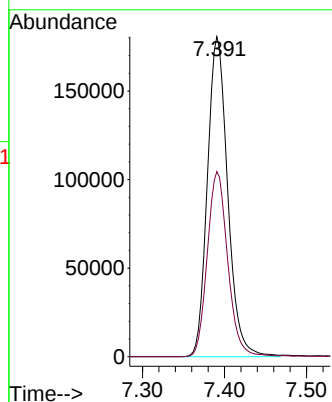
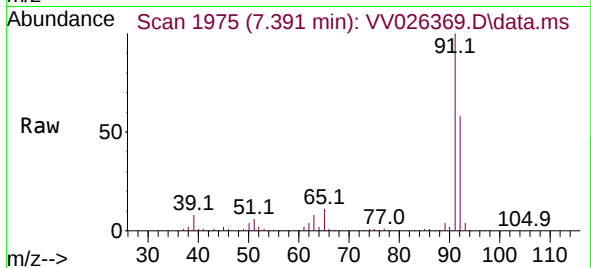
VSTD005321

Tgt Ion: 91 Resp: 310657

Ion Ratio Lower Upper

91 100

92 57.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.038 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026369.D

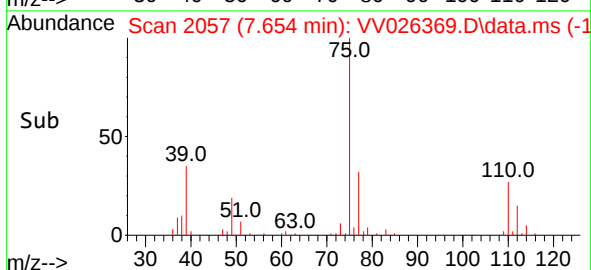
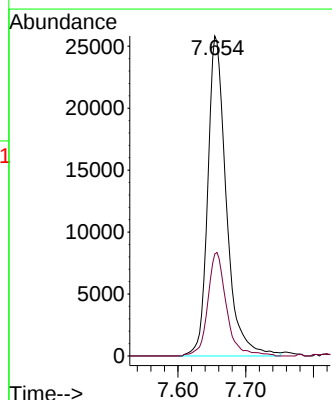
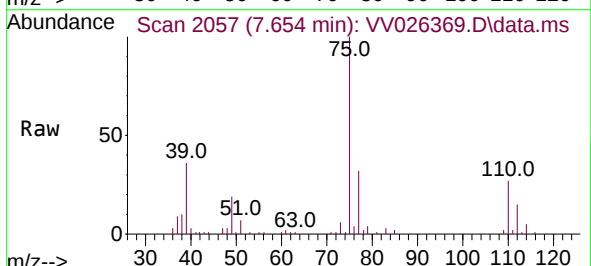
Acq: 17 Jun 2022 06:02

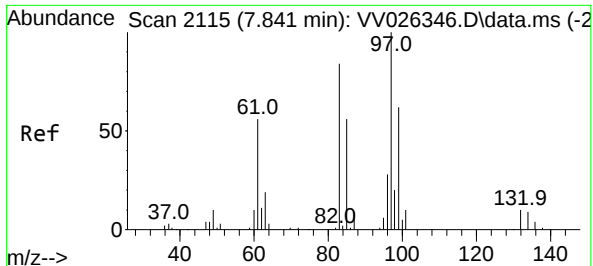
Tgt Ion: 75 Resp: 49122

Ion Ratio Lower Upper

75 100

77 31.8 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.309 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

Tgt Ion: 97 Resp: 46502

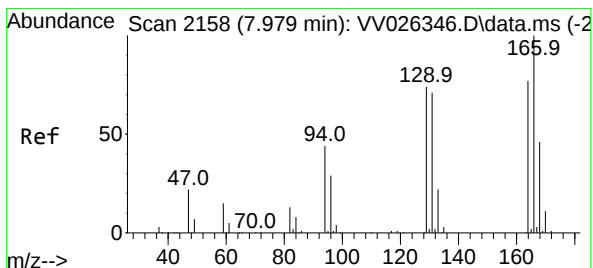
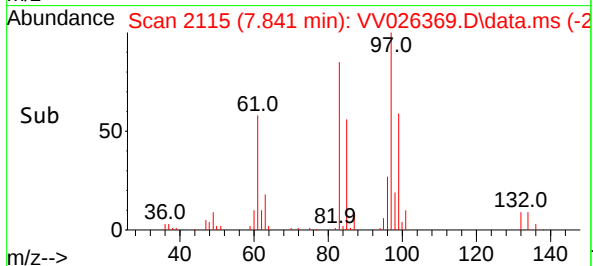
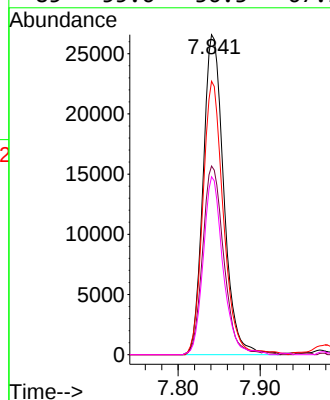
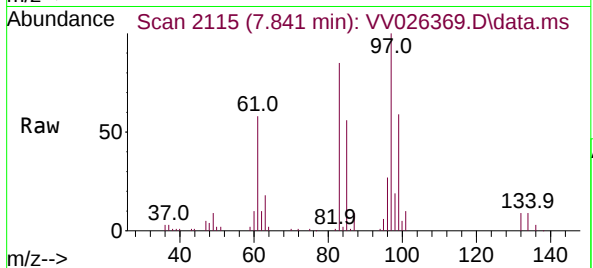
Ion Ratio Lower Upper

97 100

99 59.0 42.4 78.6

83 85.5 56.1 104.1

85 55.6 36.3 67.5



#47

Tetrachloroethene

Concen: 5.428 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Tgt Ion:164 Resp: 56000

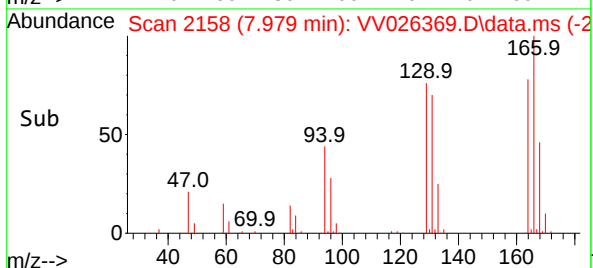
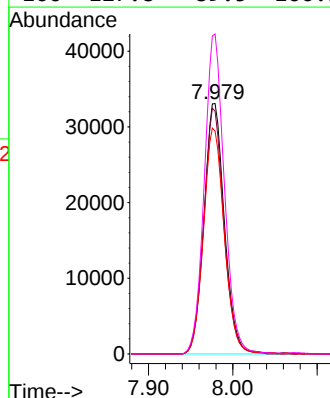
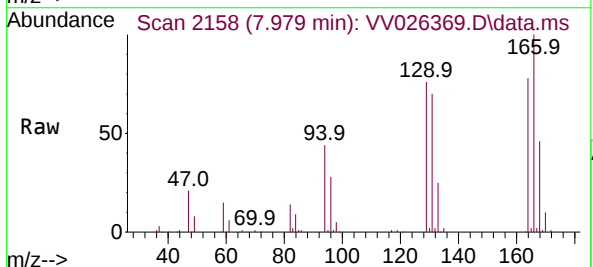
Ion Ratio Lower Upper

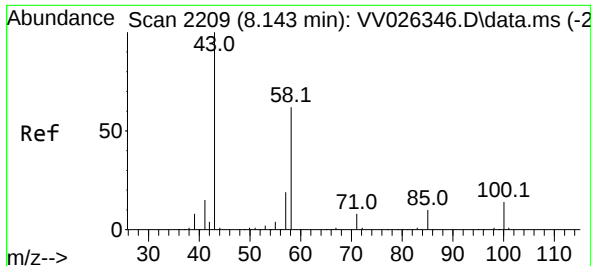
164 100

129 97.0 67.5 125.3

131 89.0 63.8 118.4

166 127.8 89.5 166.3



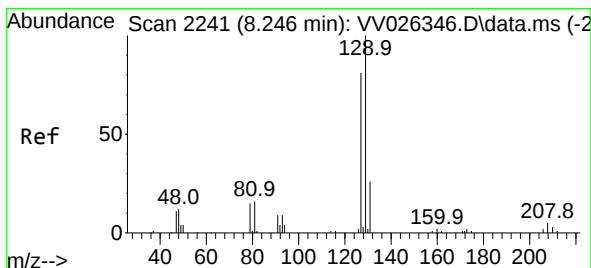
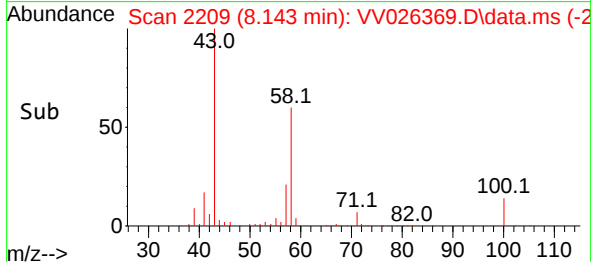
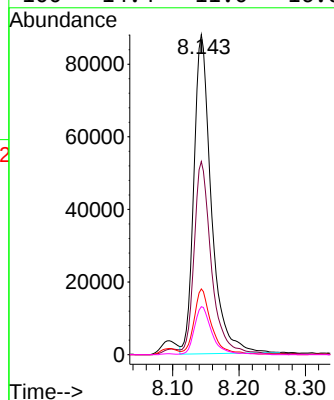
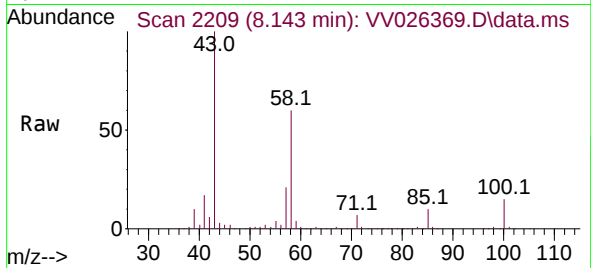


#48
2-Hexanone
Concen: 45.737 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

Tgt Ion: 43 Resp: 160788

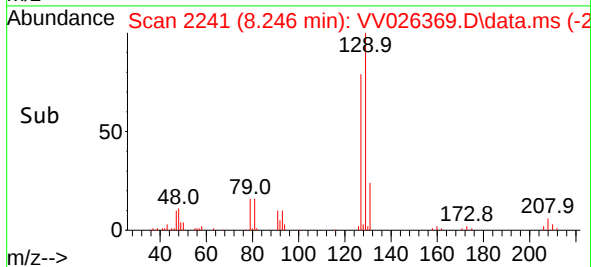
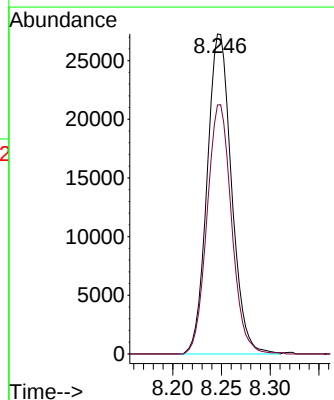
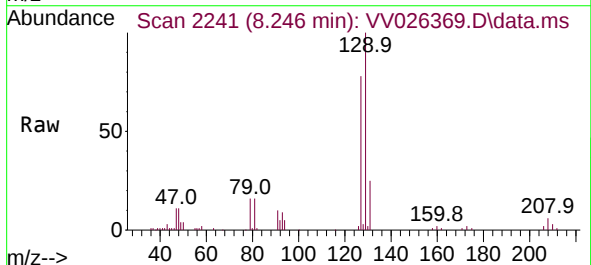
Ion	Ratio	Lower	Upper
43	100		
58	59.2	48.7	73.1
57	20.2	16.0	24.0
100	14.4	11.0	16.6

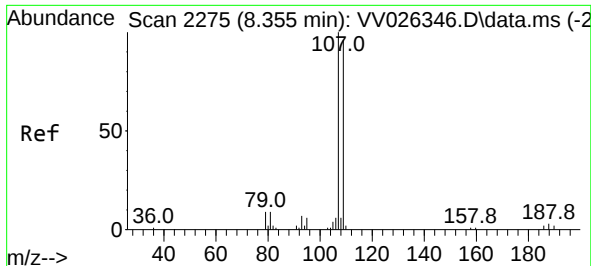


#49
Dibromochloromethane
Concen: 4.895 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 129 Resp: 47486

Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.4	104.7





#50

1,2-Dibromoethane

Concen: 5.098 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

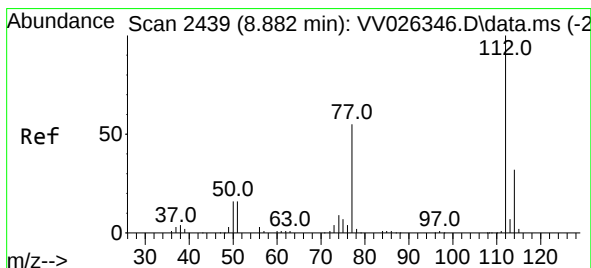
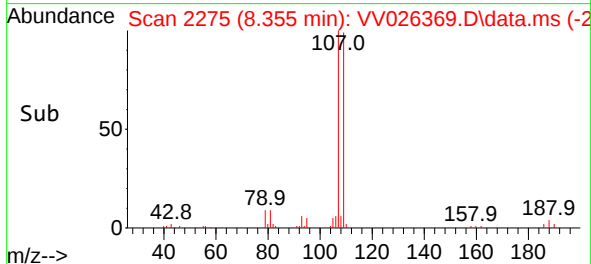
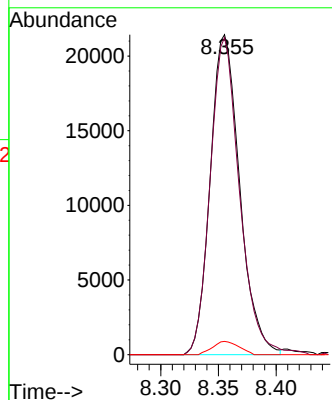
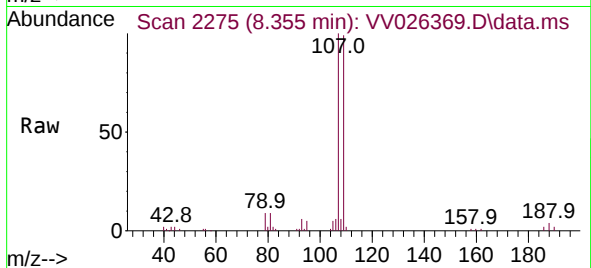
Tgt Ion:107 Resp: 38051

Ion Ratio Lower Upper

107 100

109 99.1 65.2 121.2

188 4.2 2.9 4.3



#51

Chlorobenzene

Concen: 5.448 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

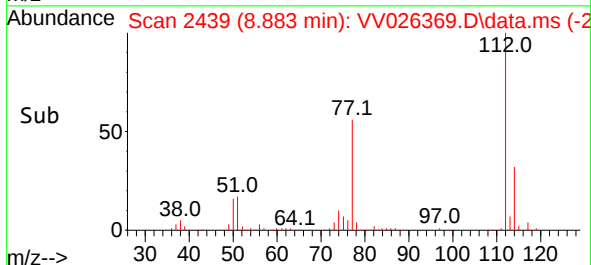
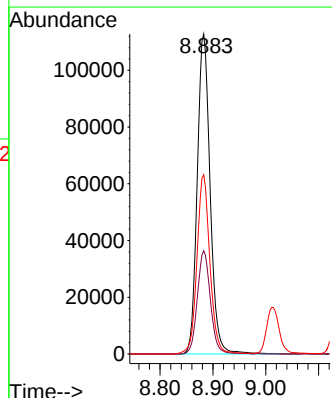
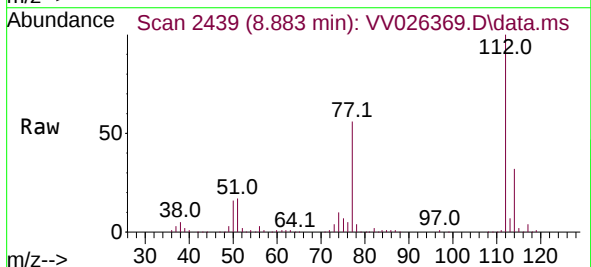
Tgt Ion:112 Resp: 190883

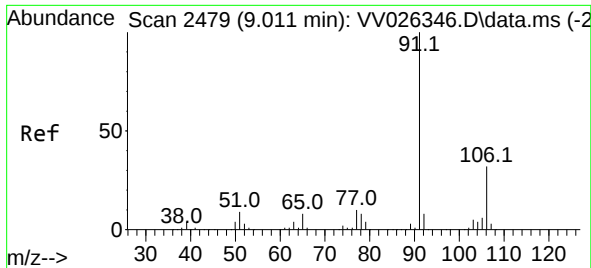
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 56.0 44.5 66.7

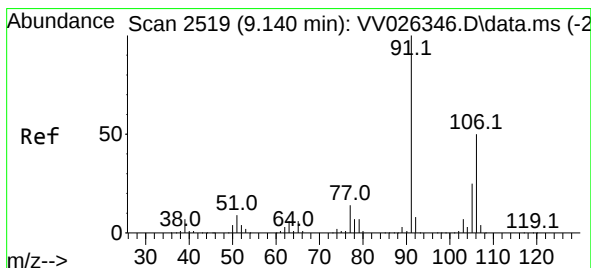
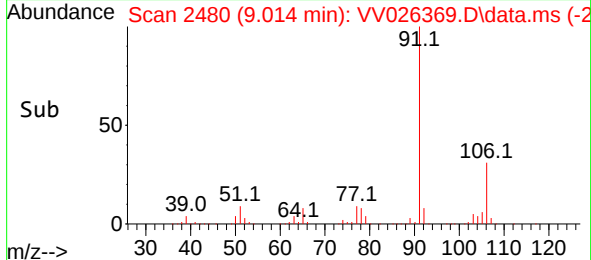
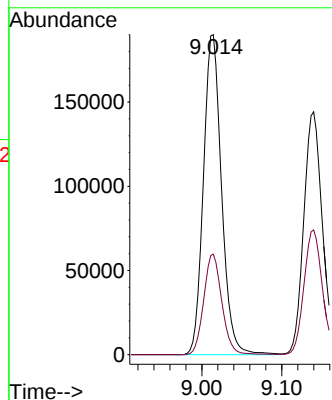
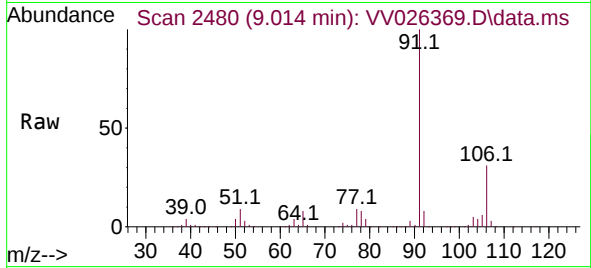




#52
Ethylbenzene
Concen: 5.587 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

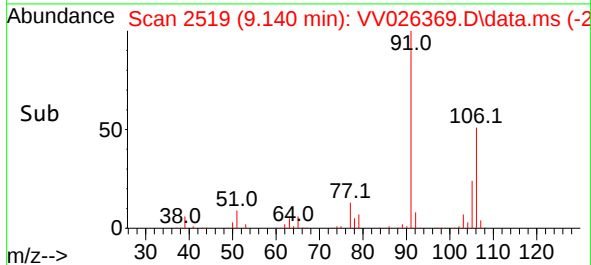
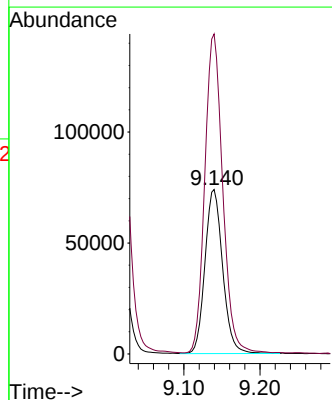
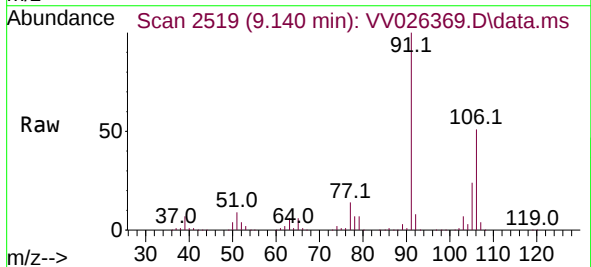
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

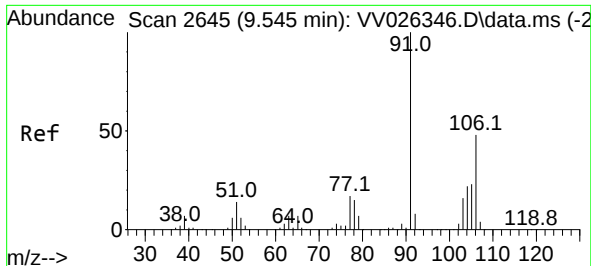
Tgt Ion: 91 Resp: 300565
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.0



#53
m,p-Xylene
Concen: 5.715 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 106 Resp: 119844
Ion Ratio Lower Upper
106 100
91 194.5 141.3 262.3

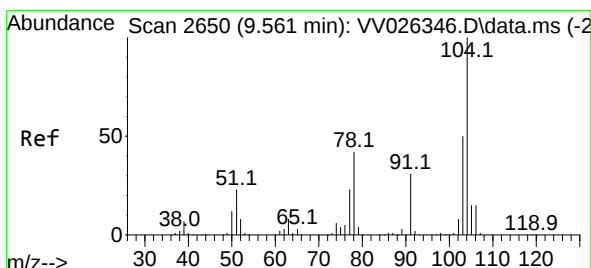
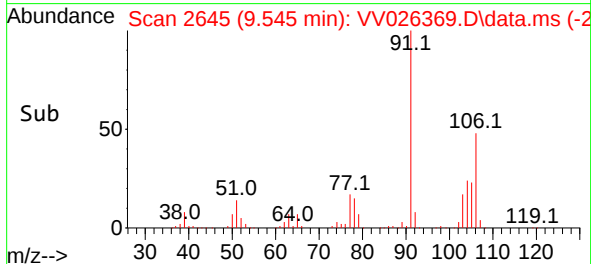
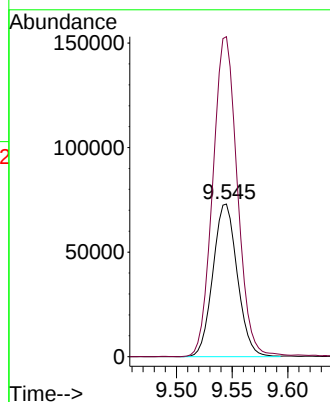
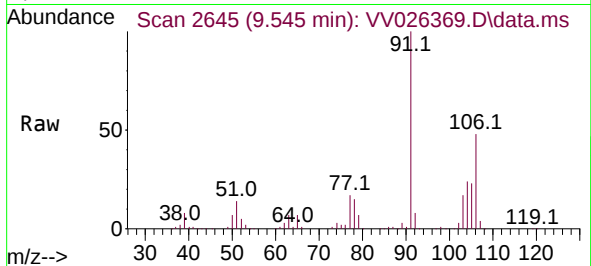




#54
o-Xylene
Concen: 5.481 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

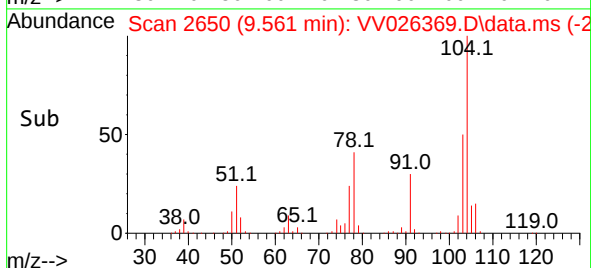
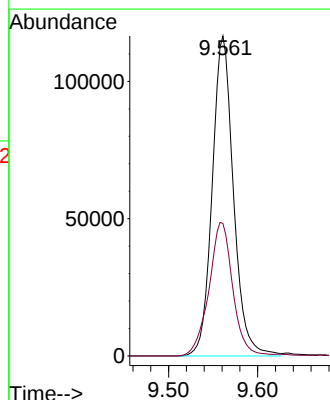
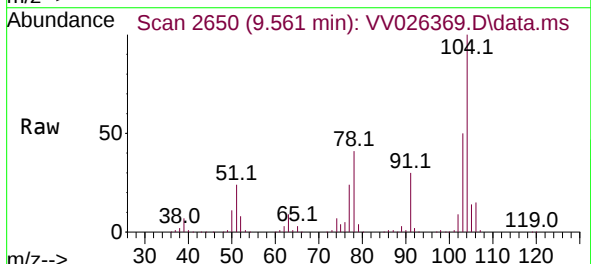
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

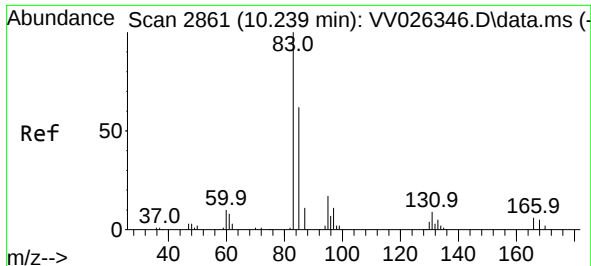
Tgt Ion:106 Resp: 111339
Ion Ratio Lower Upper
106 100
91 209.6 143.3 266.1



#55
Styrene
Concen: 5.659 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion:104 Resp: 193038
Ion Ratio Lower Upper
104 100
78 41.4 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.674 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

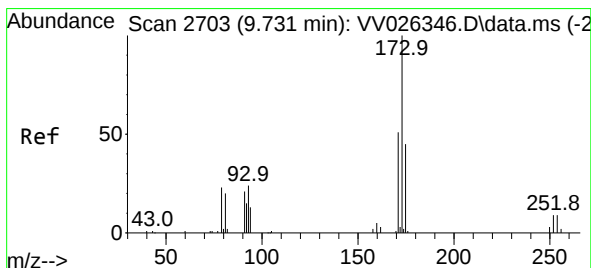
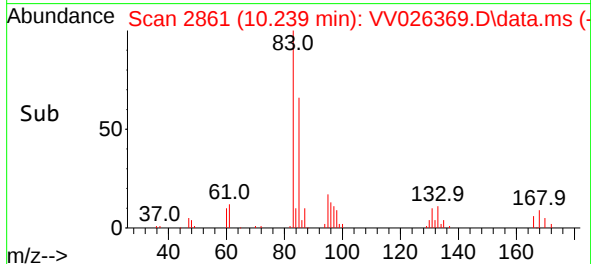
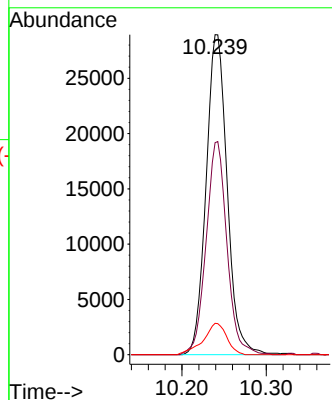
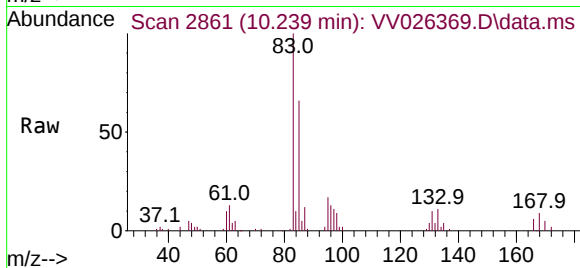
Tgt Ion: 83 Resp: 50413

Ion Ratio Lower Upper

83 100

85 66.3 47.1 87.5

131 9.8 7.7 11.5



#59

Bromoform

Concen: 4.302 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026369.D

Acq: 17 Jun 2022 06:02

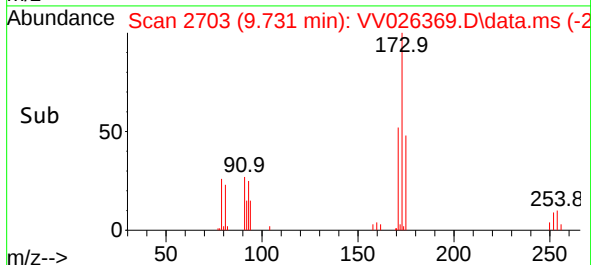
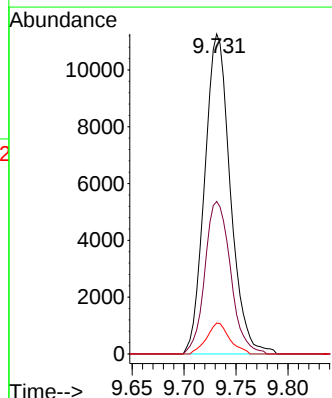
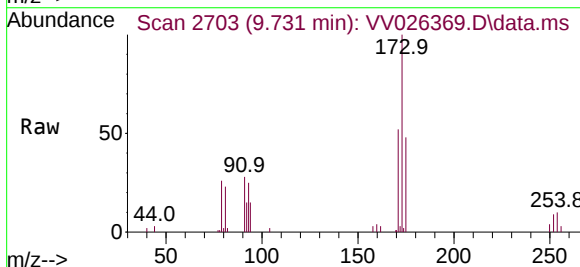
Tgt Ion: 173 Resp: 19302

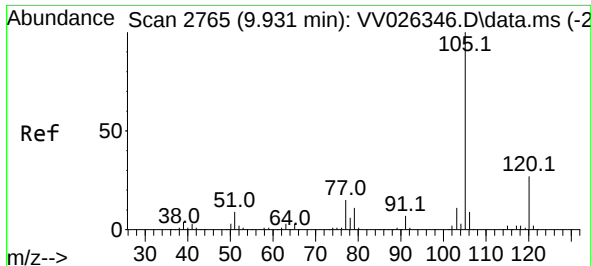
Ion Ratio Lower Upper

173 100

175 47.8 38.3 57.5

254 8.6 6.9 10.3

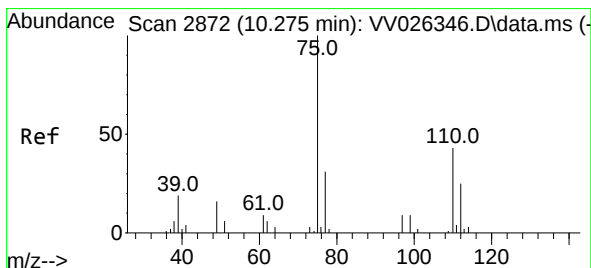
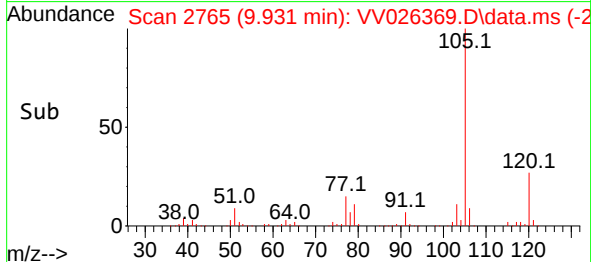
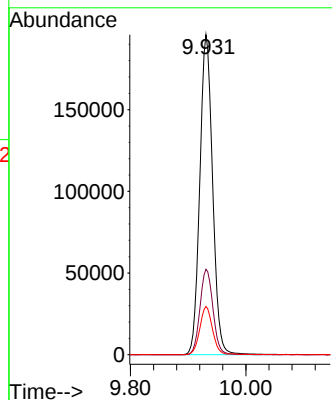
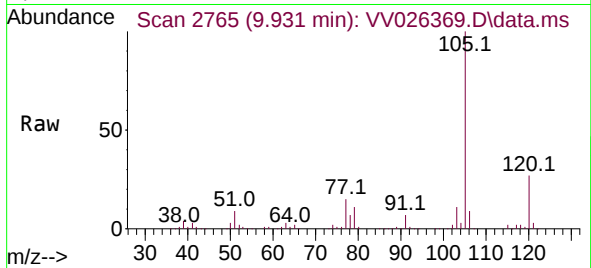




#60
Isopropylbenzene
Concen: 5.522 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

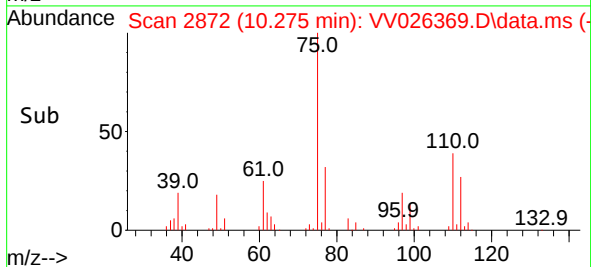
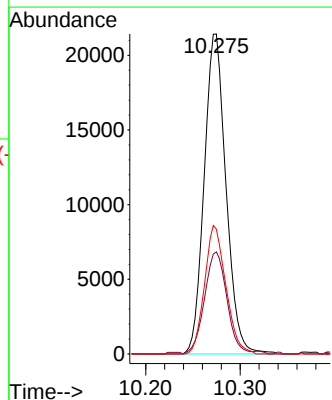
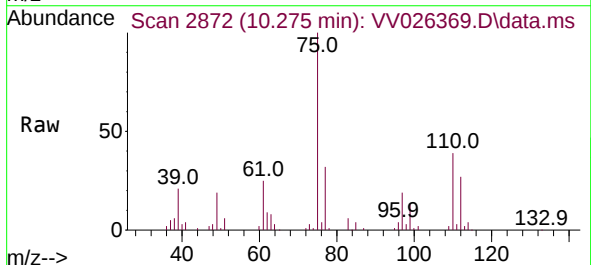
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

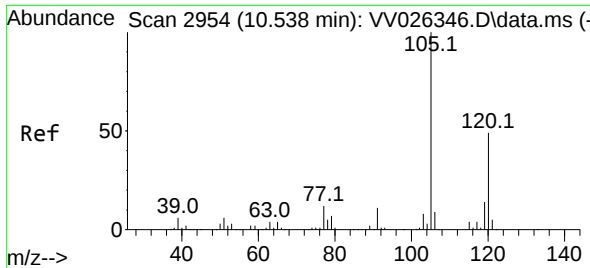
Tgt Ion:105 Resp: 300806
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.181 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 75 Resp: 34356
Ion Ratio Lower Upper
75 100
77 32.6 26.9 40.3
110 39.1 30.7 46.1

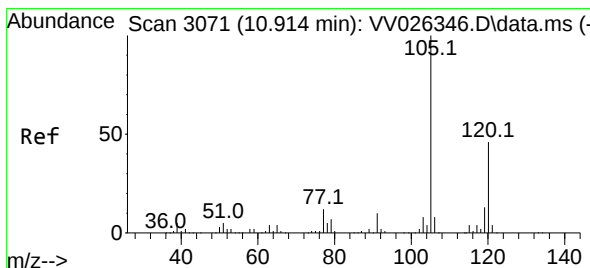
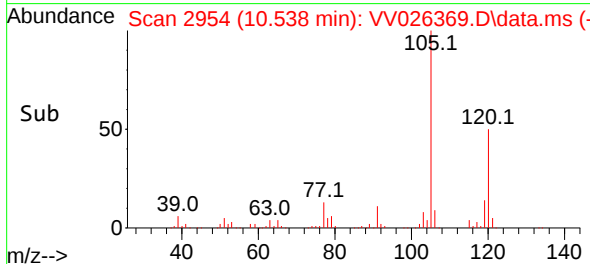
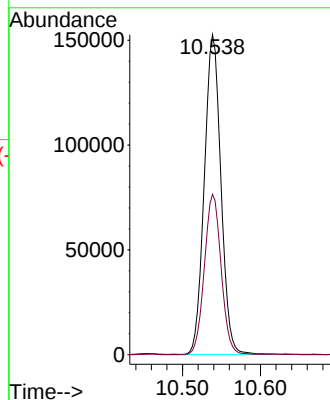
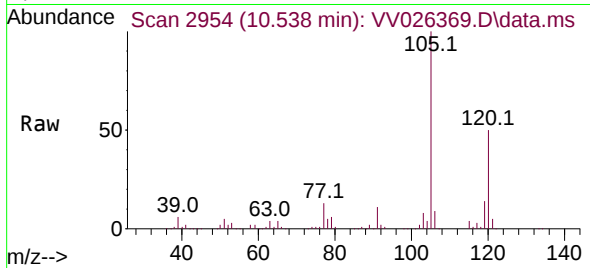




#62
 1,3,5-Trimethylbenzene
 Concen: 5.232 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

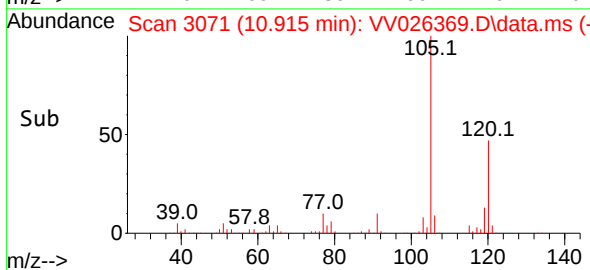
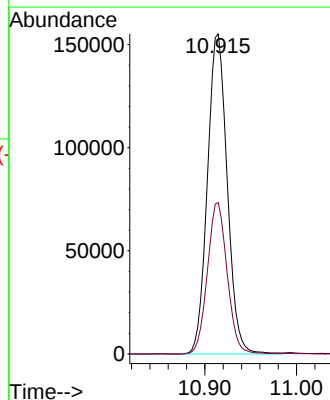
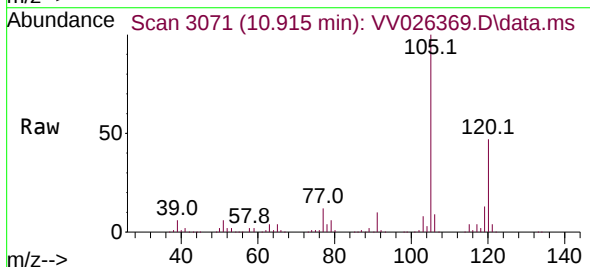
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

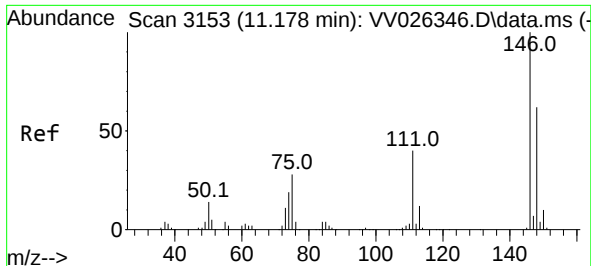
Tgt Ion:105 Resp: 226145
 Ion Ratio Lower Upper
 105 100
 120 50.7 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.439 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion:105 Resp: 232693
 Ion Ratio Lower Upper
 105 100
 120 47.3 36.9 55.3

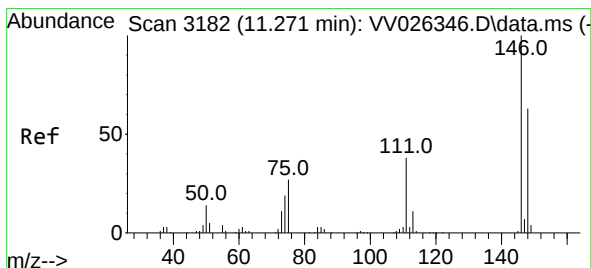
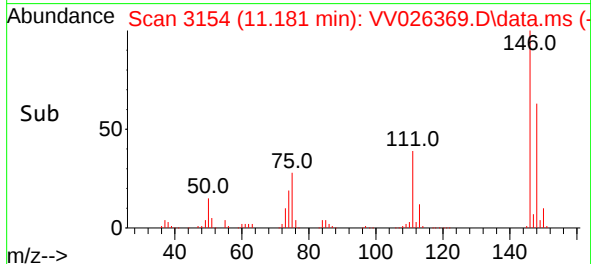
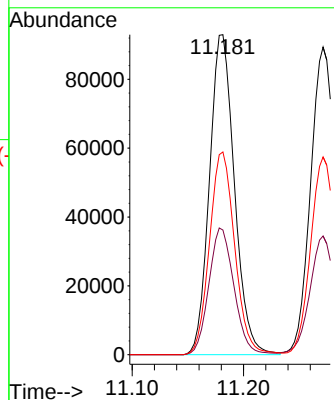
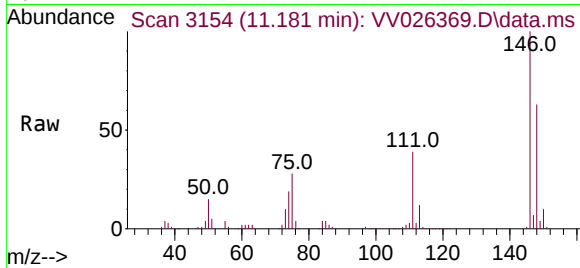




#64
1,3-Dichlorobenzene
Concen: 5.415 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

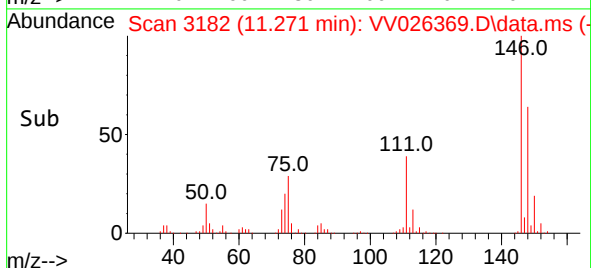
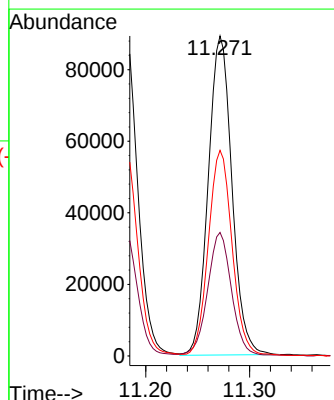
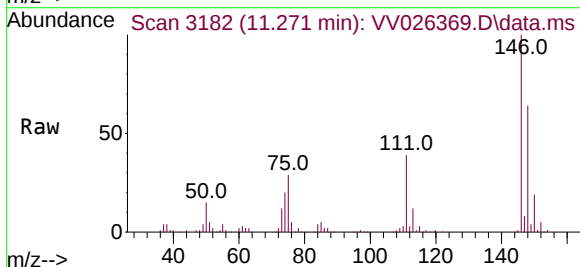
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

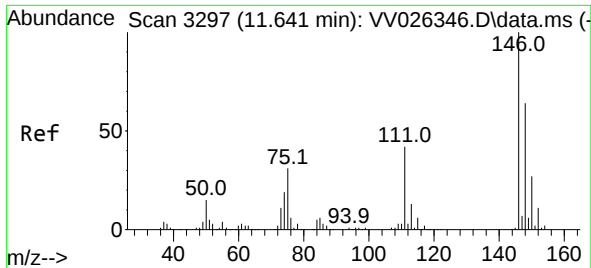
Tgt Ion:146 Resp: 144932
Ion Ratio Lower Upper
146 100
111 38.9 27.8 51.6
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.182 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion:146 Resp: 140968
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 64.3 43.3 80.3

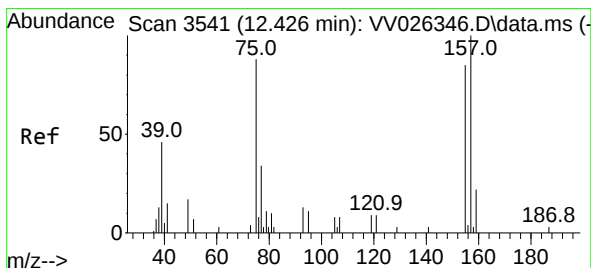
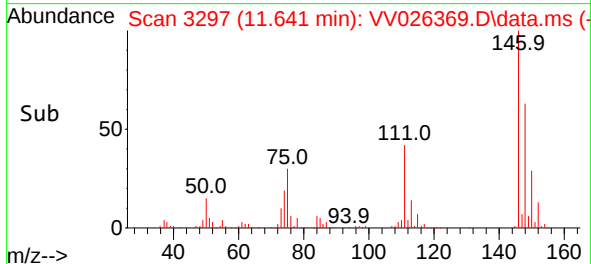
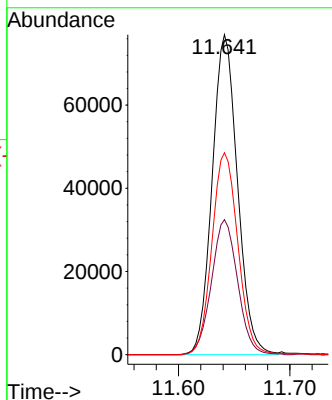
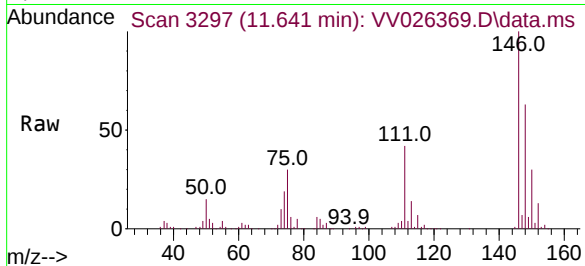




#67
1,2-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

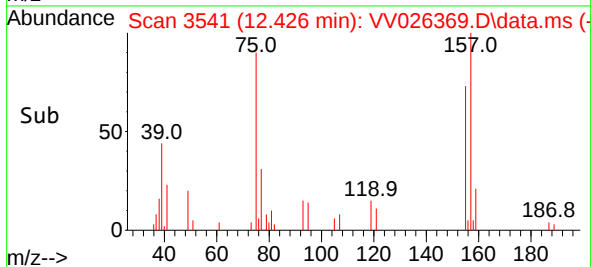
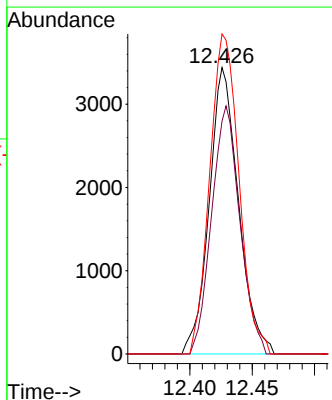
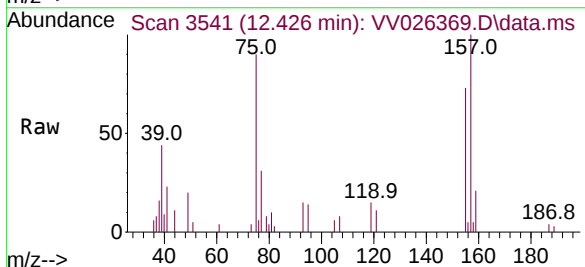
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

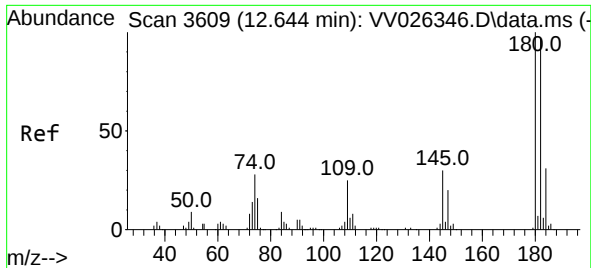
Tgt Ion:146 Resp: 121516
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.8
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.792 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion: 75 Resp: 5628
Ion Ratio Lower Upper
75 100
155 81.3 63.7 95.5
157 111.7 85.0 127.6

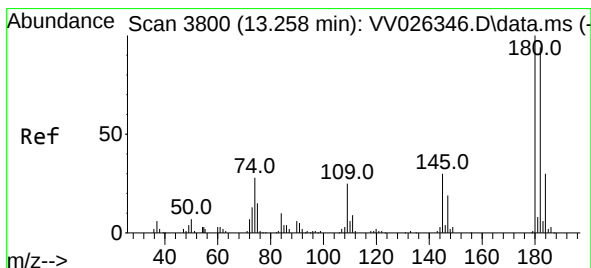
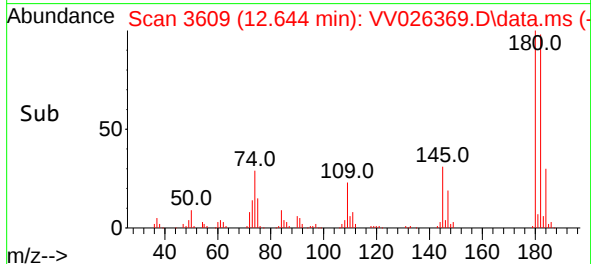
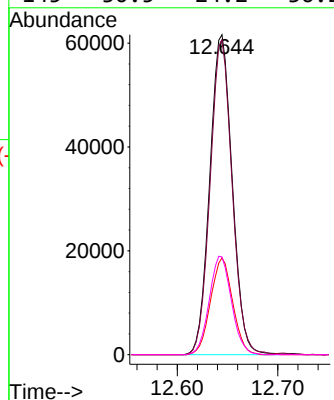
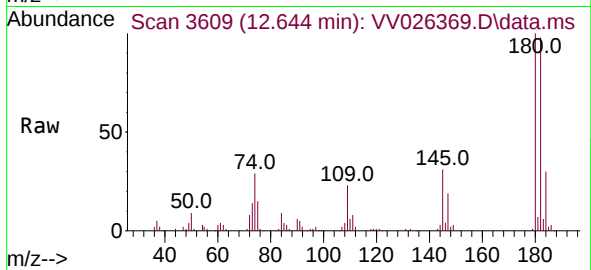




#69
 1,3,5-Trichlorobenzene
 Concen: 4.936 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

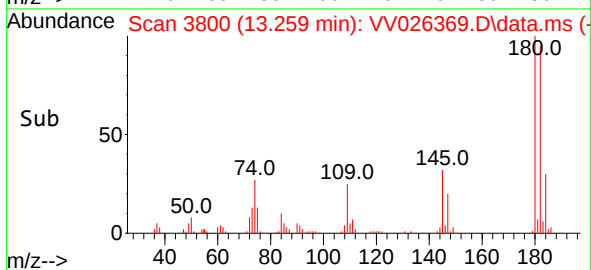
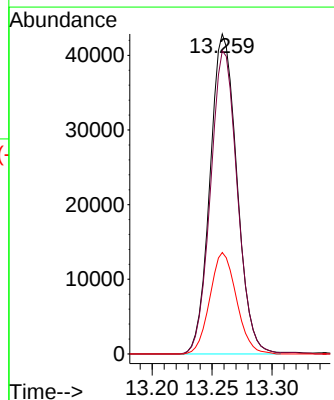
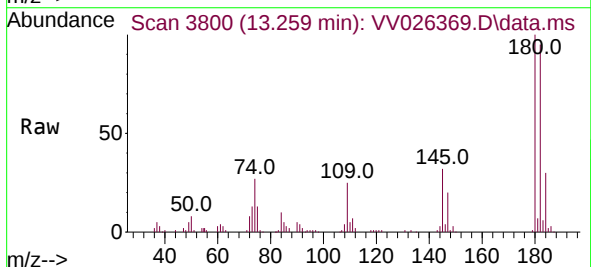
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

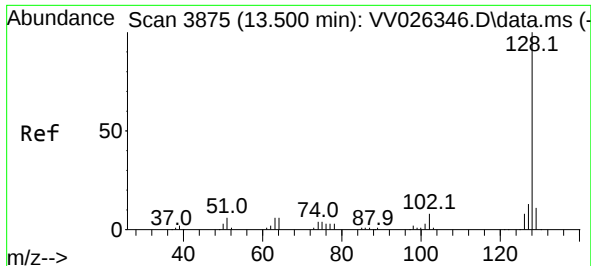
Tgt Ion:180	Resp:	95535
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.5 113.3
184	29.8	23.7 35.5
145	30.5	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.671 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026369.D
 Acq: 17 Jun 2022 06:02

Tgt Ion:180	Resp:	66680
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.2 114.2
145	31.4	23.9 35.9

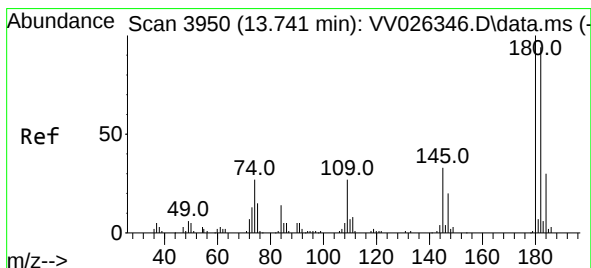
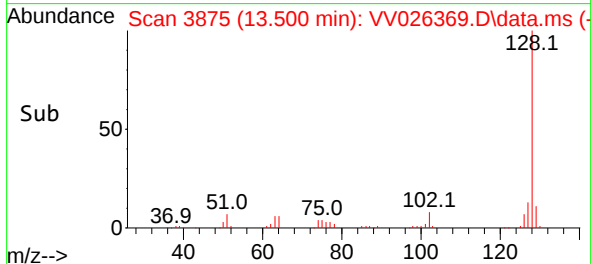
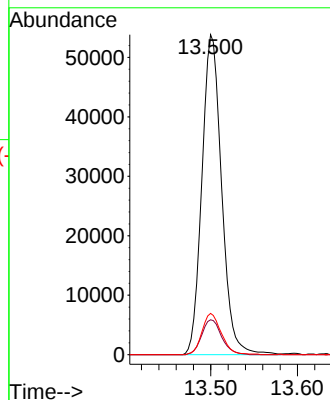
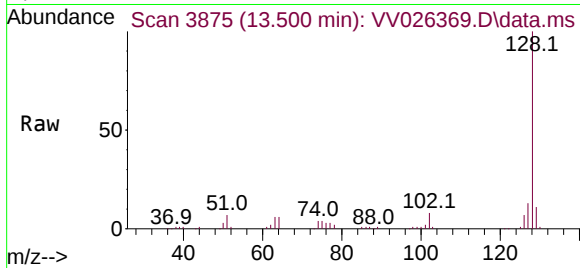




#71
Naphthalene
Concen: 4.296 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

Tgt Ion:128 Resp: 85146
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.6 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.595 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026369.D
Acq: 17 Jun 2022 06:02

Tgt Ion:180 Resp: 54913
Ion Ratio Lower Upper
180 100
182 96.3 77.9 116.9
145 32.6 26.7 40.1

