

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026268.D
 Acq On : 15 Jun 2022 10:46
 Operator : SY/MD
 Sample : VSTD00569
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005269

Quant Time: Jun 16 01:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	202631	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	91340	3.741	ug/L	0.00
7) Chloroethane-d5	1.574	69	69770	3.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	154798	3.875	ug/L	0.00
20) 2-Butanone-d5	3.915	46	84160	43.615	ug/L	0.00
24) Chloroform-d	4.352	84	133626	3.843	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	56294	3.981	ug/L	0.00
32) Benzene-d6	5.050	84	274609	3.940	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	77754	3.848	ug/L	0.00
41) Toluene-d8	7.313	98	263645	4.246	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	26174	4.241	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	76414	40.073	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48302	3.942	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	78798	3.746	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.137	85	80398	4.320	ug/L	100
3) Chloromethane	1.246	50	83163	4.183	ug/L	100
5) Vinyl chloride	1.317	62	91253	4.347	ug/L	100
6) Bromomethane	1.529	94	50097	4.104	ug/L	100
8) Chloroethane	1.590	64	56027	4.283	ug/L	100
9) Trichlorofluoromethane	1.757	101	126432	4.408	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	73535	4.503	ug/L	100
12) 1,1-Dichloroethene	2.124	96	67523	4.374	ug/L	100
13) Acetone	2.201	43	50333	41.124	ug/L	83
14) Carbon disulfide	2.298	76	166139	4.249	ug/L	100
15) Methyl Acetate	2.449	43	15985	4.708	ug/L	100
16) Methylene chloride	2.513	84	72684	4.494	ug/L	100
17) Methyl tert-butyl Ether	2.777	73	114935	4.499	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	63965	4.313	ug/L	100
19) 1,1-Dichloroethane	3.195	63	125154	4.396	ug/L	100
21) 2-Butanone	3.995	43	78645	47.612	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	65307	4.381	ug/L	100
23) Bromochloromethane	4.253	128	28977	4.605	ug/L	100
25) Chloroform	4.378	83	134350	4.512	ug/L	100
27) 1,2-Dichloroethane	5.137	62	61413	4.411	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	112860	4.429	ug/L	100
30) Cyclohexane	4.680	56	83820	4.287	ug/L	100
31) Carbon tetrachloride	4.828	117	94371	4.548	ug/L	100
33) Benzene	5.101	78	267502	4.590	ug/L	100
34) Trichloroethene	5.915	95	68692	4.317	ug/L	100
35) Methylcyclohexane	6.130	83	94489	4.372	ug/L	100
37) 1,2-Dichloropropane	6.172	63	69667	4.535	ug/L	100
38) Bromodichloromethane	6.510	83	82857	4.545	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	77525	4.514	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	268556	48.443	ug/L	100
42) Toluene	7.387	91	294123	4.739	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64257	4.766	ug/L	100

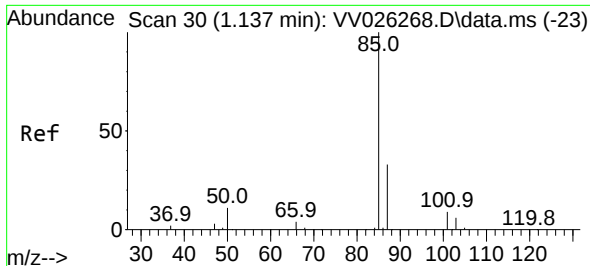
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	45205	4.665	ug/L	100
47) Tetrachloroethene	7.973	164	53024	4.603	ug/L	100
48) 2-Hexanone	8.140	43	189578	48.704	ug/L	100
49) Dibromochloromethane	8.246	129	50165	4.735	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38309	4.646	ug/L	100
51) Chlorobenzene	8.879	112	180437	4.508	ug/L	100
52) Ethylbenzene	9.011	91	281016	4.541	ug/L	100
53) m,p-Xylene	9.137	106	109769	4.620	ug/L	100
54) o-Xylene	9.542	106	107011	4.632	ug/L	100
55) Styrene	9.558	104	187193	4.922	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	43764	4.480	ug/L	100
59) Bromoform	9.731	173	23064	4.664	ug/L	100
60) Isopropylbenzene	9.931	105	282561	4.278	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34174	4.377	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	214737	4.106	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	215769	4.200	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	139729	4.410	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	140943	4.460	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	122537	4.327	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5853	4.309	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	98502	4.372	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	70687	4.341	ug/L	100
71) Naphthalene	13.500	128	92357	4.065	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	59554	4.428	ug/L	100

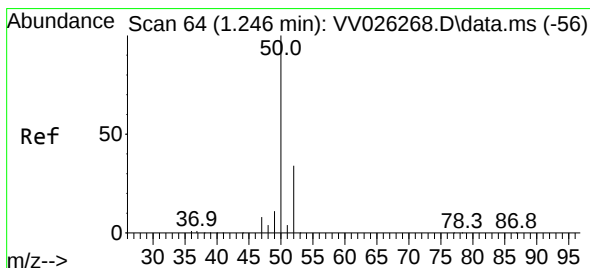
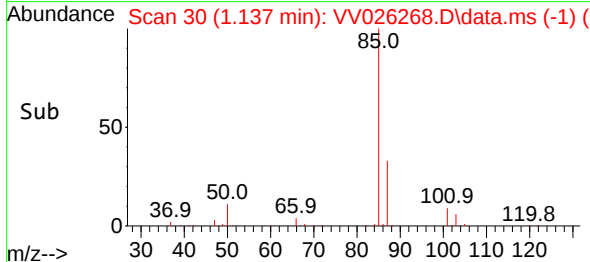
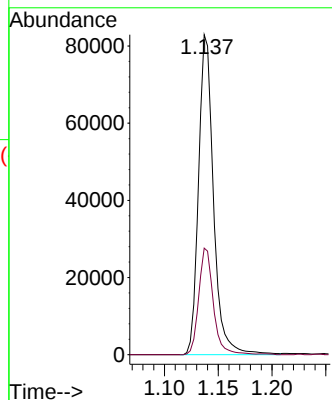
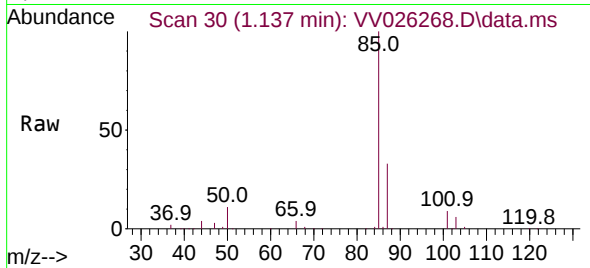
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.320 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV026268.D
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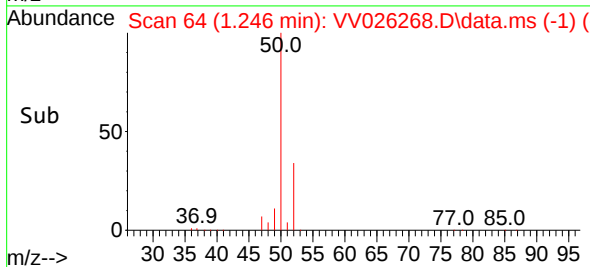
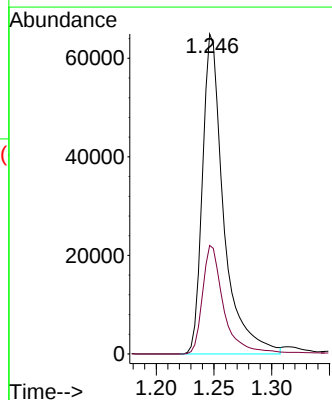
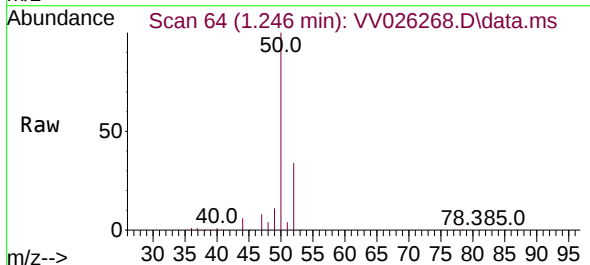
Instrument :
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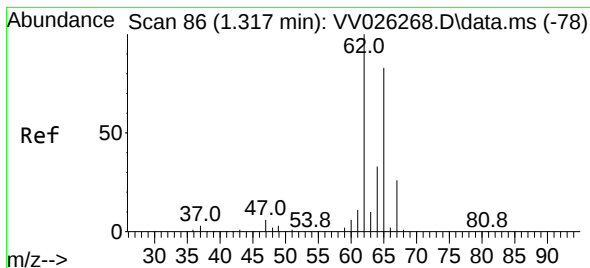
Tgt Ion: 85 Resp: 80398
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.183 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion: 50 Resp: 83163
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1

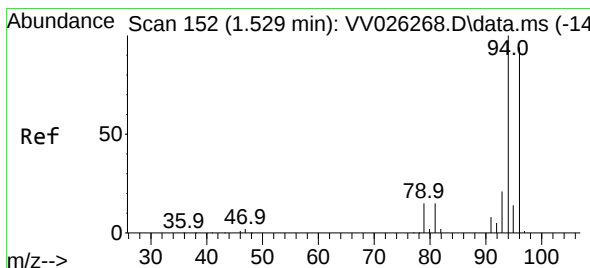
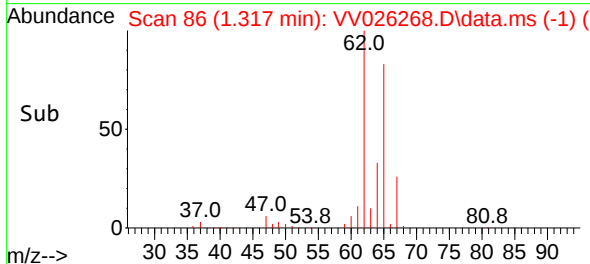
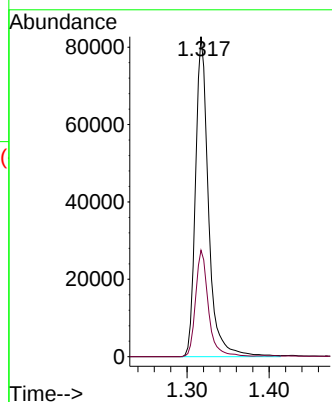
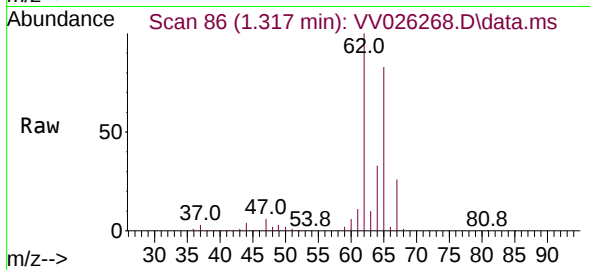




#5
 Vinyl chloride
 Concen: 4.347 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

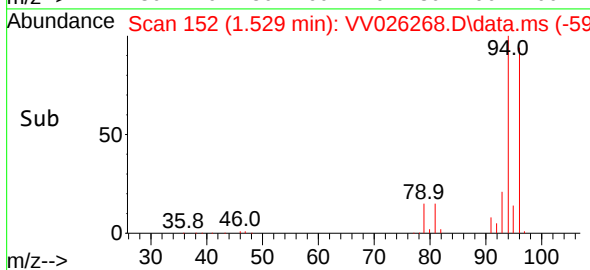
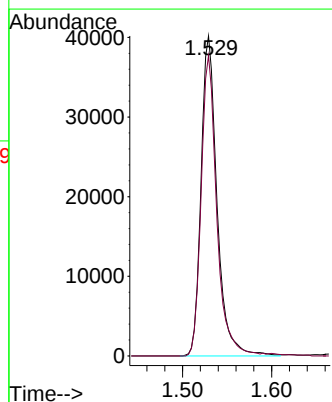
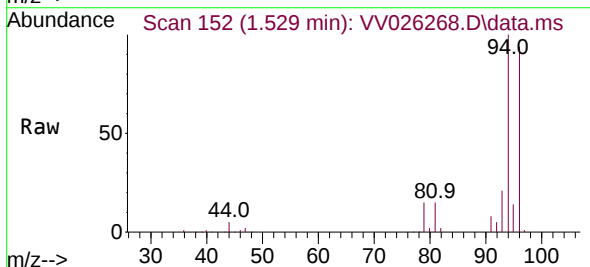
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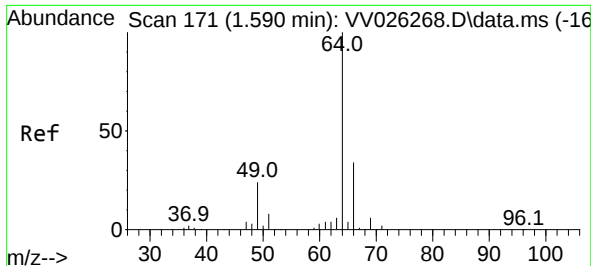
Tgt Ion: 62 Resp: 91253
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.104 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion: 94 Resp: 50097
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 121.9

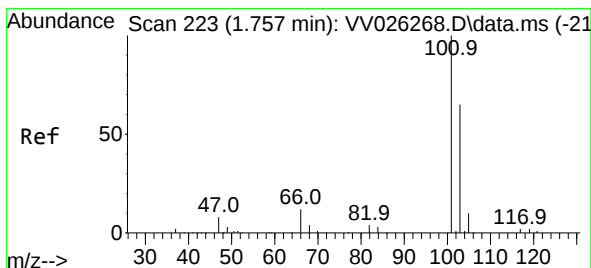
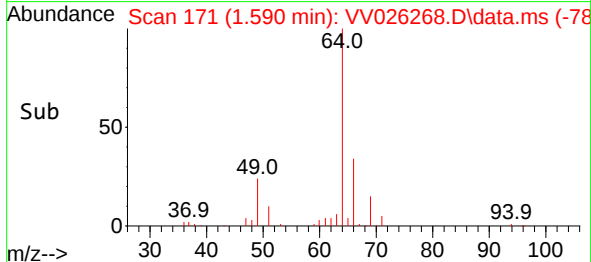
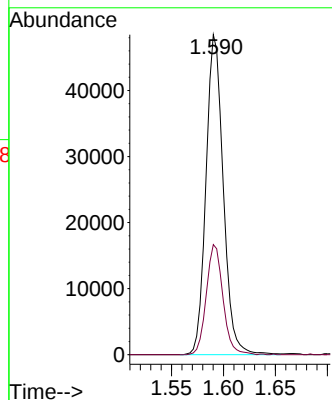
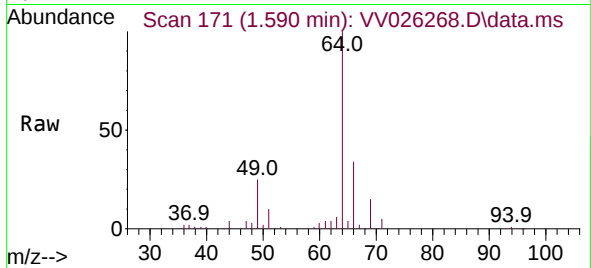




#8
Chloroethane
Concen: 4.283 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

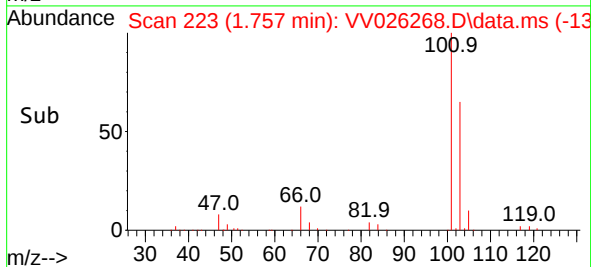
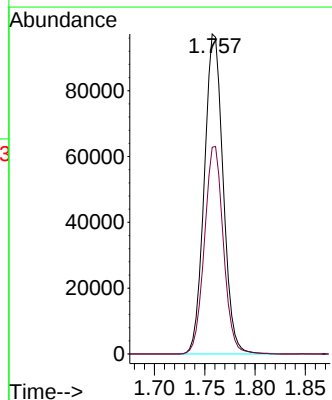
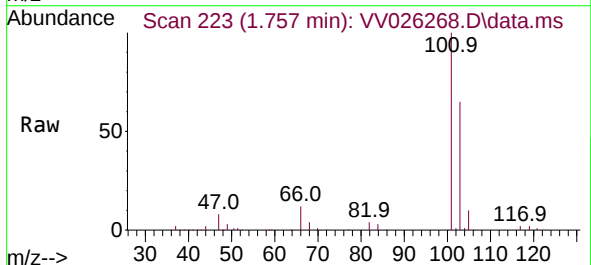
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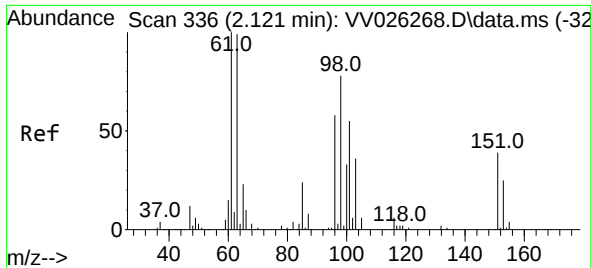
Tgt Ion: 64 Resp: 56027
Ion Ratio Lower Upper
64 100
66 34.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.408 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion:101 Resp: 126432
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

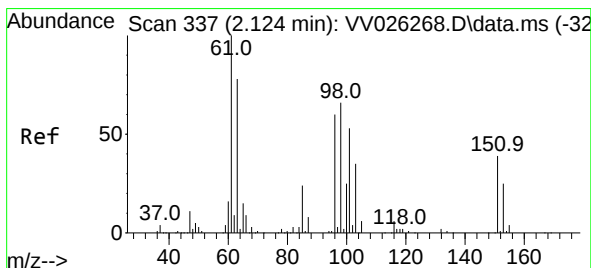
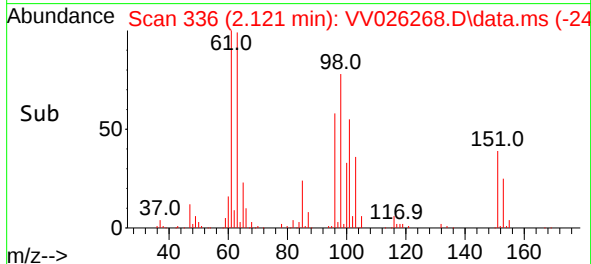
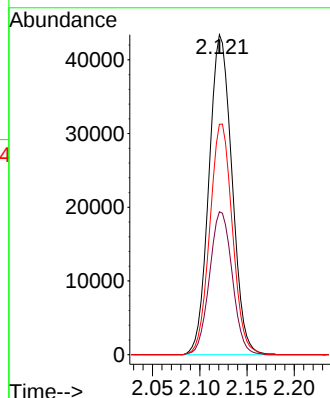
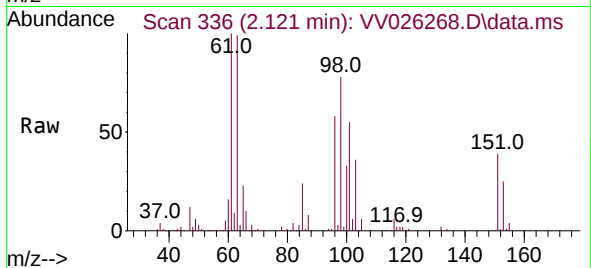




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.503 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

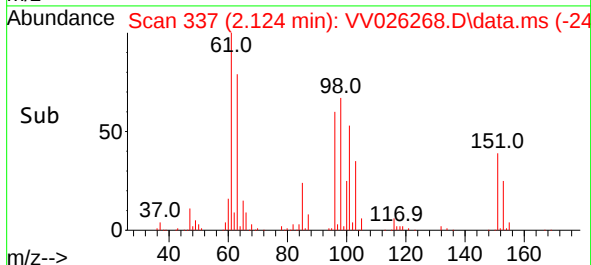
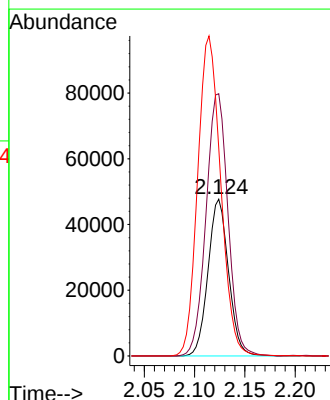
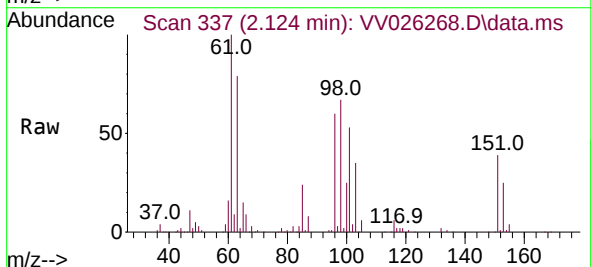
Instrument :
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 VSTD005269

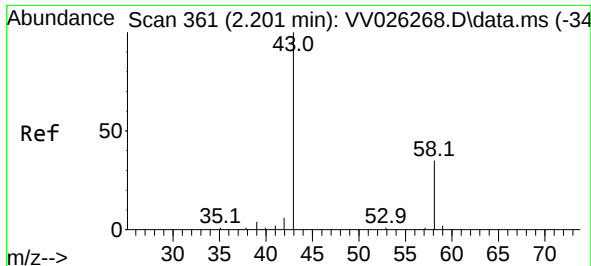
Tgt Ion:101 Resp: 73535
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 71.0 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.374 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion: 96 Resp: 67523
 Ion Ratio Lower Upper
 96 100
 61 167.3 117.1 217.5
 63 132.6 92.8 172.4





#13

Acetone

Concen: 41.124 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

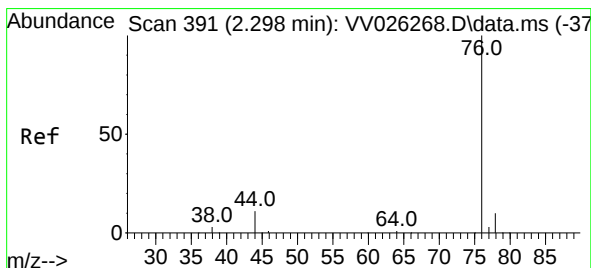
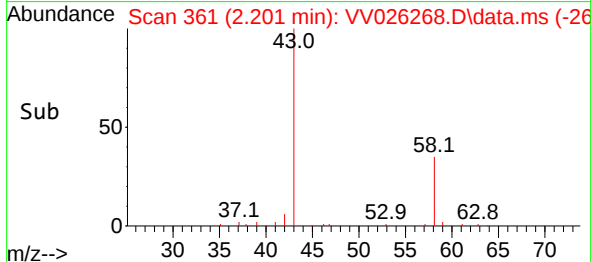
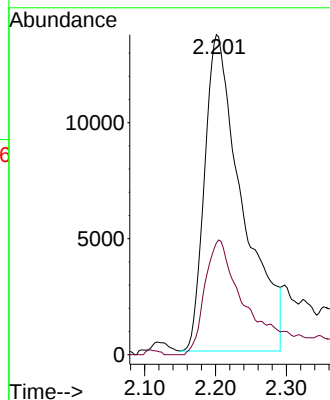
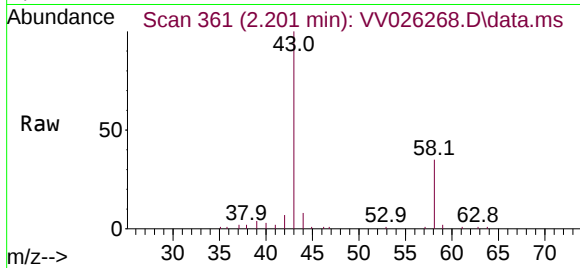
VSTD005269

Tgt Ion: 43 Resp: 50333

Ion Ratio Lower Upper

43 100

58 39.2 0.0 60.0



#14

Carbon disulfide

Concen: 4.249 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV026268.D

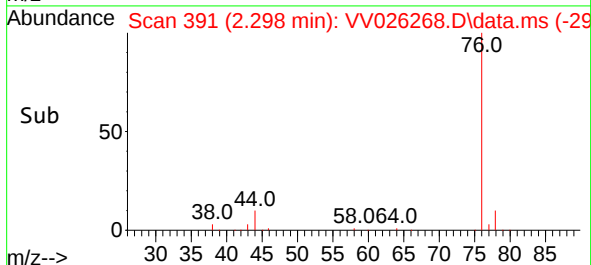
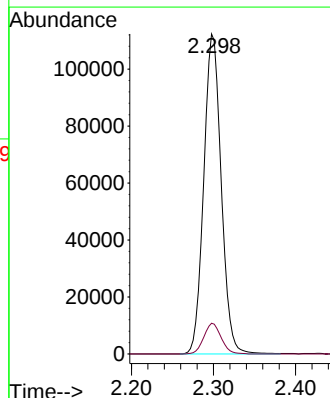
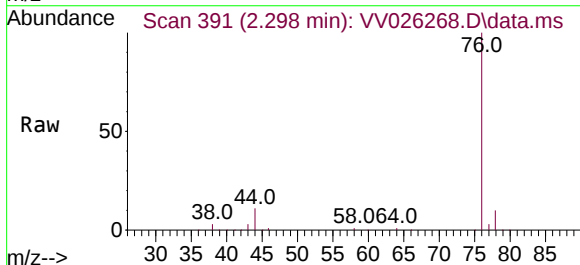
Acq: 15 Jun 2022 10:46

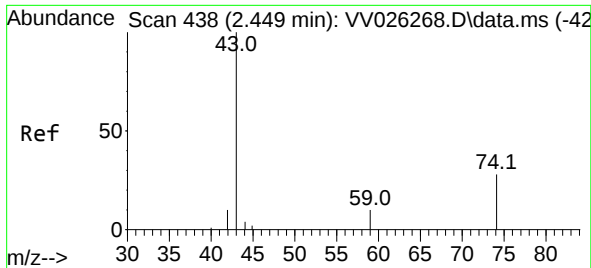
Tgt Ion: 76 Resp: 166139

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

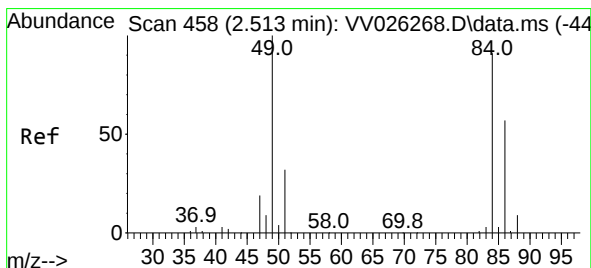
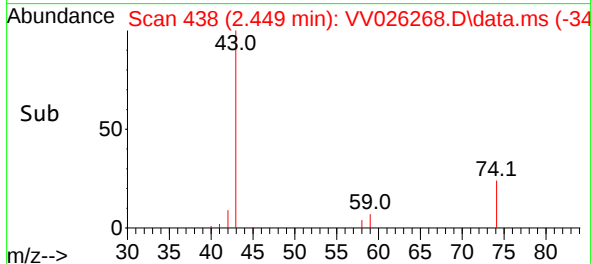
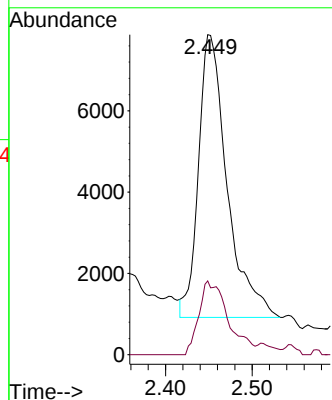
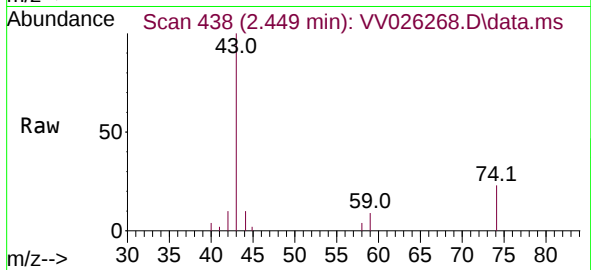




#15
Methyl Acetate
Concen: 4.708 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

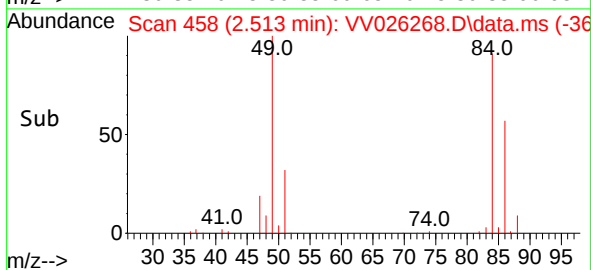
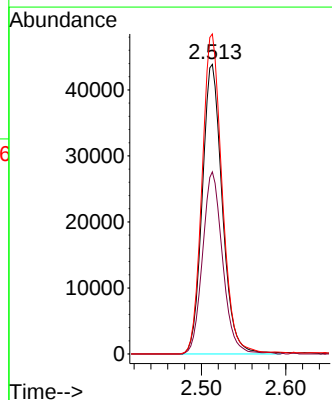
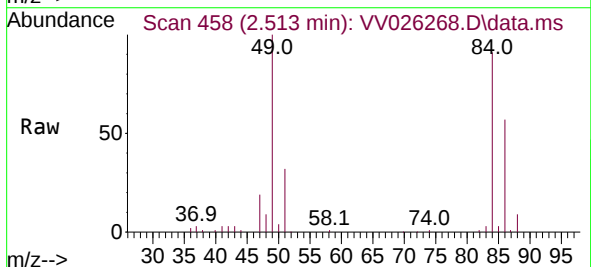
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ClientSampleId :
VSTD005269

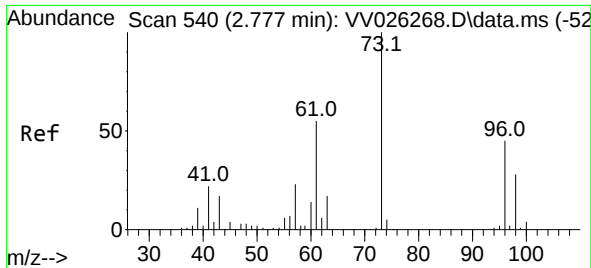
Tgt Ion: 43 Resp: 15985
Ion Ratio Lower Upper
43 100
74 26.7 21.4 32.0



#16
Methylene chloride
Concen: 4.494 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 84 Resp: 72684
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.8
49 110.5 77.3 143.7

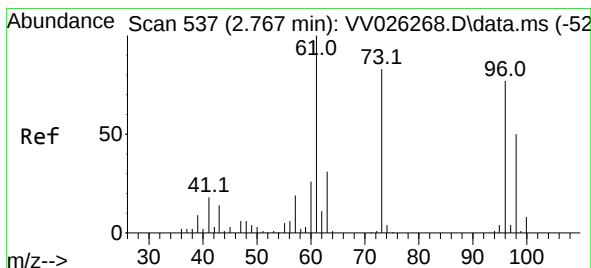
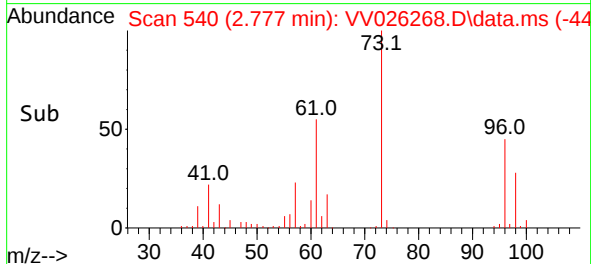
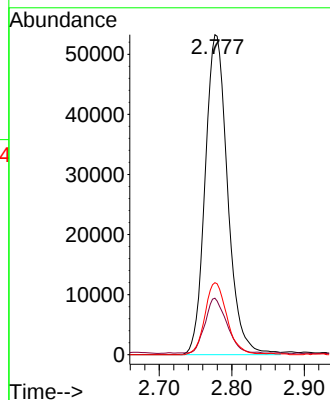
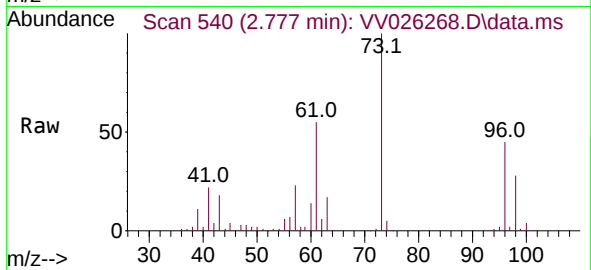




#17
Methyl tert-butyl Ether
Concen: 4.499 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

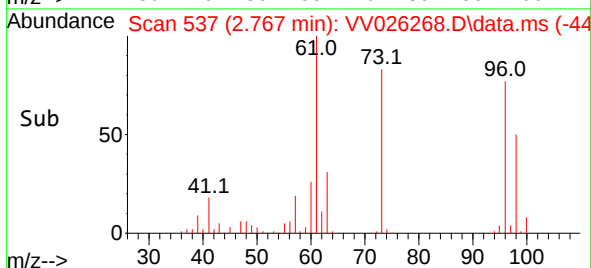
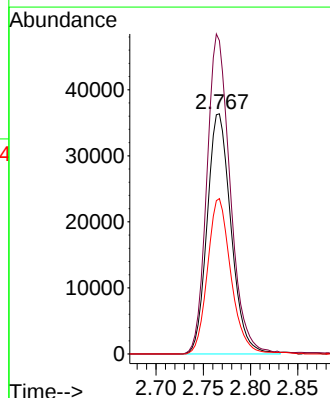
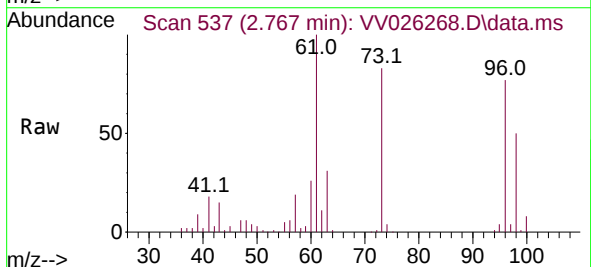
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

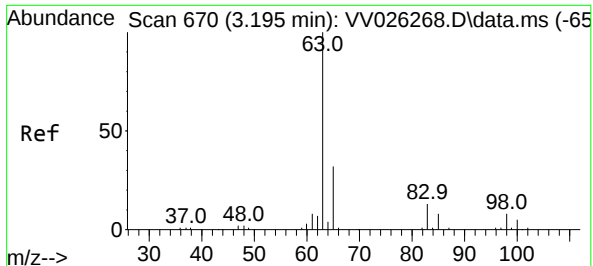
Tgt Ion: 73 Resp: 114935
Ion Ratio Lower Upper
73 100
43 16.3 13.0 19.6
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.313 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 96 Resp: 63965
Ion Ratio Lower Upper
96 100
61 130.5 91.3 169.6
98 64.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.396 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005269

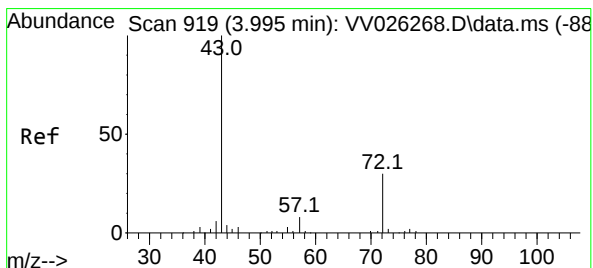
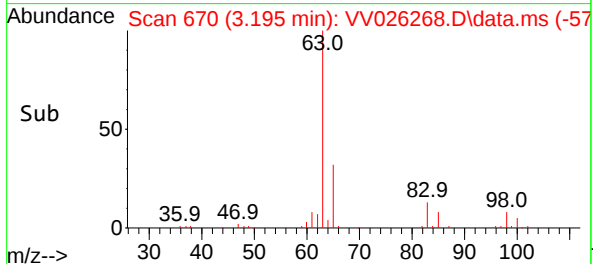
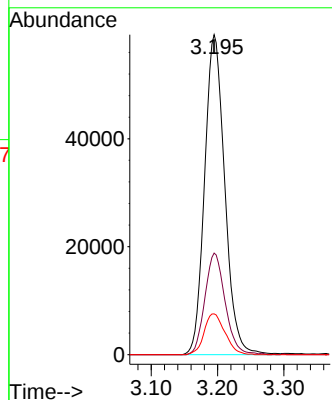
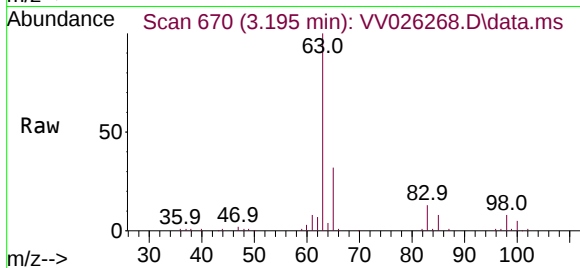
Tgt Ion: 63 Resp: 125154

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 12.7 8.9 16.5



#21

2-Butanone

Concen: 47.612 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.000 min

Lab File: VV026268.D

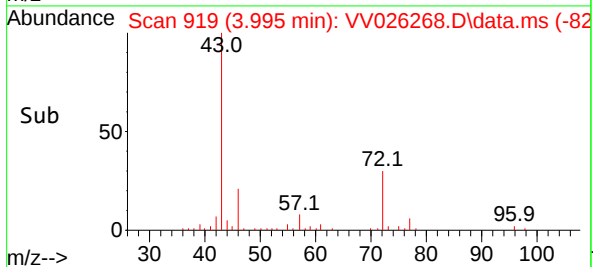
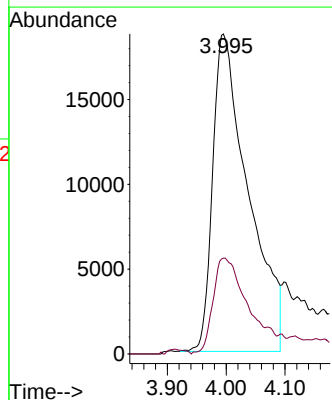
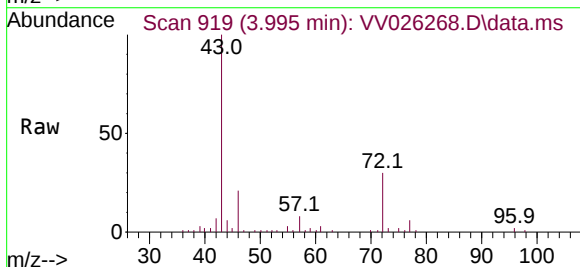
Acq: 15 Jun 2022 10:46

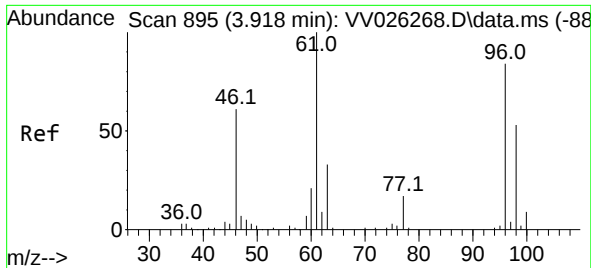
Tgt Ion: 43 Resp: 78645

Ion Ratio Lower Upper

43 100

72 29.9 12.7 38.0

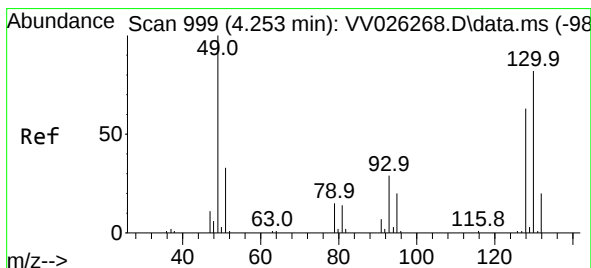
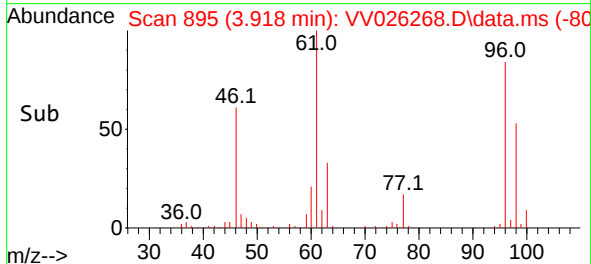
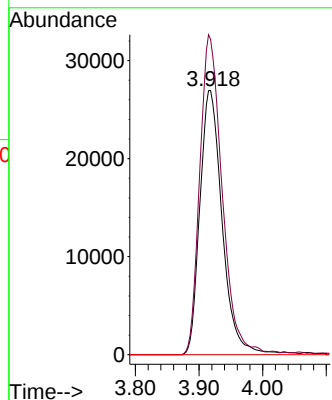
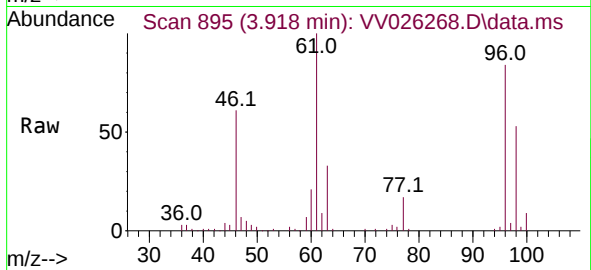




#22
 cis-1,2-Dichloroethene
 Concen: 4.381 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

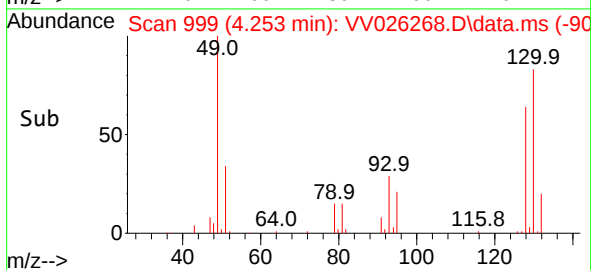
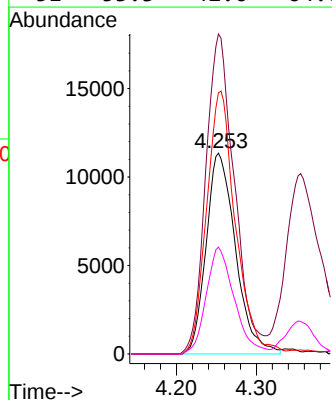
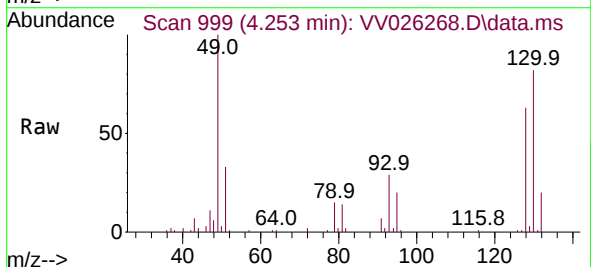
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005269

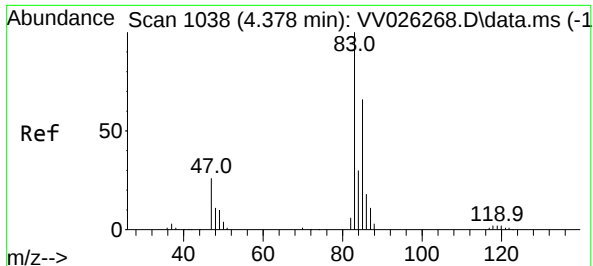
Tgt Ion: 96 Resp: 65307
 Ion Ratio Lower Upper
 96 100
 61 119.4 83.6 155.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.605 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion: 128 Resp: 28977
 Ion Ratio Lower Upper
 128 100
 49 159.4 111.6 207.2
 130 130.1 91.1 169.1
 51 53.3 42.6 64.0





#25

Chloroform

Concen: 4.512 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

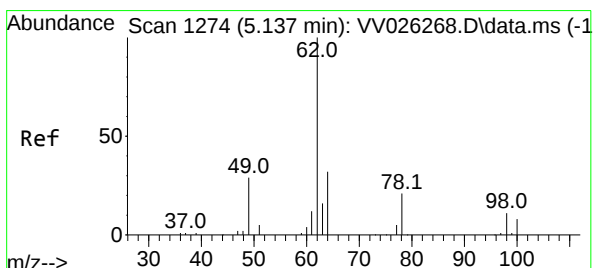
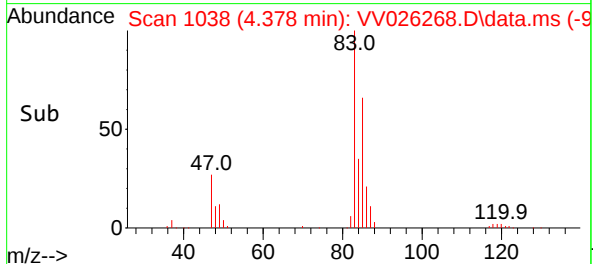
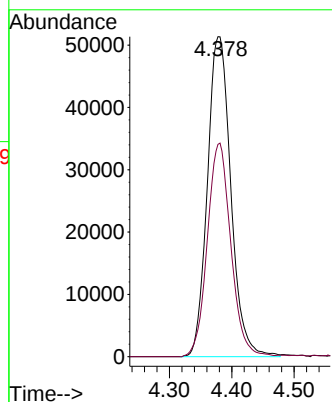
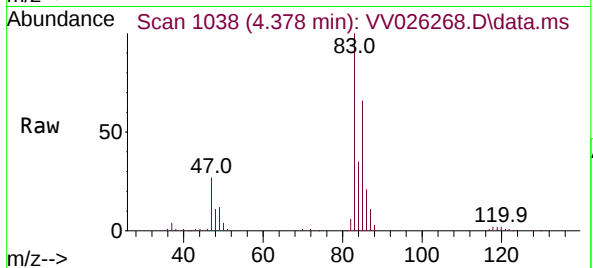
VSTD005269

Tgt Ion: 83 Resp: 134350

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.411 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VV026268.D

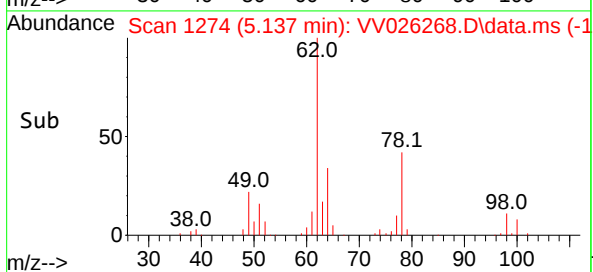
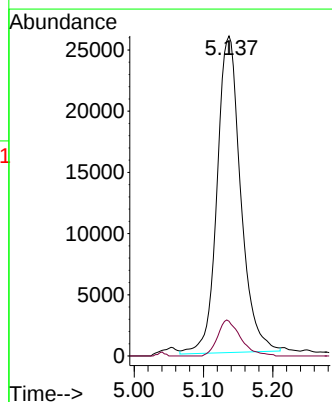
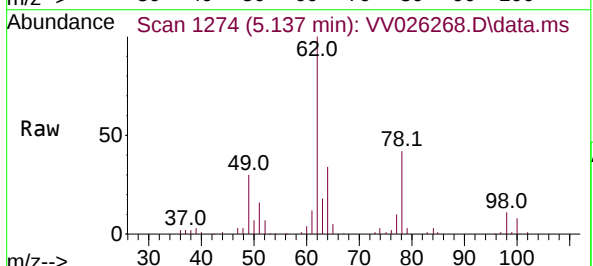
Acq: 15 Jun 2022 10:46

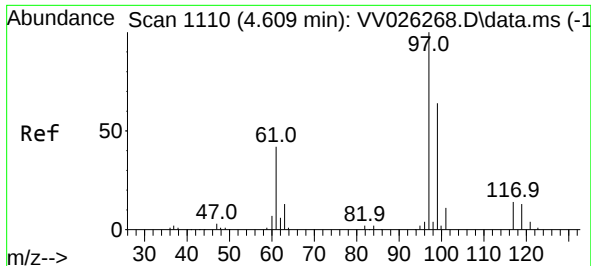
Tgt Ion: 62 Resp: 61413

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0

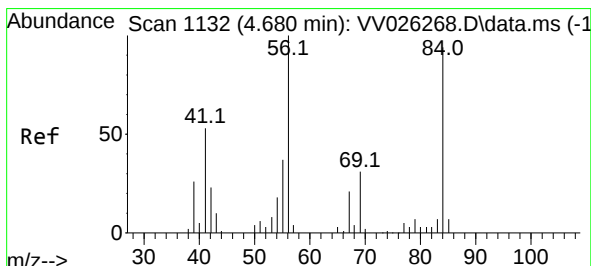
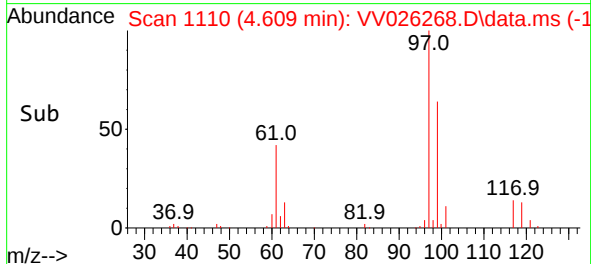
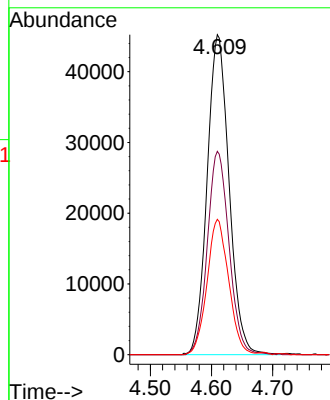
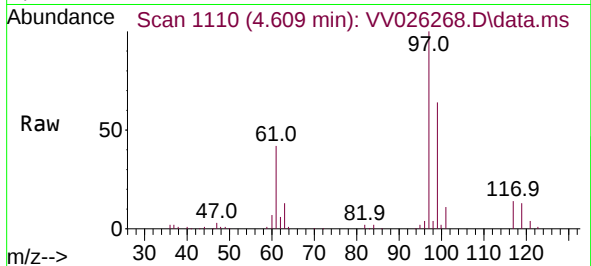




#29
1,1,1-Trichloroethane
Concen: 4.429 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

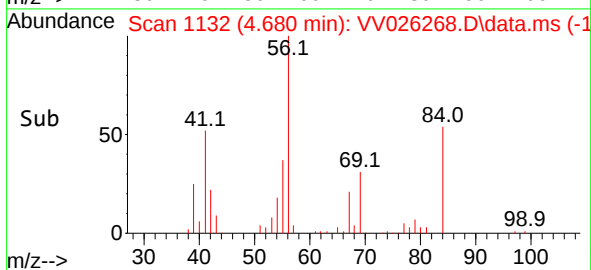
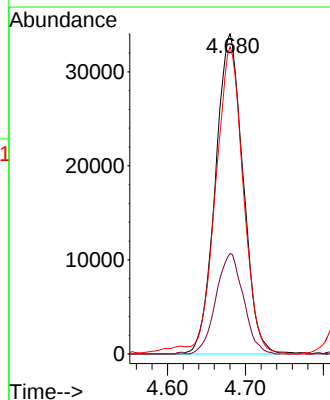
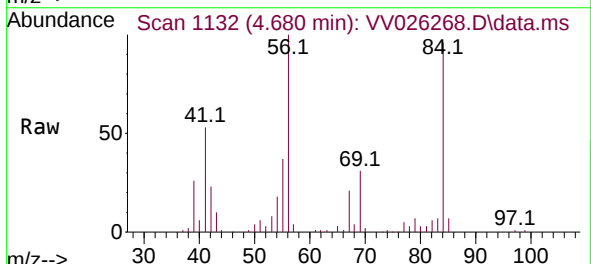
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

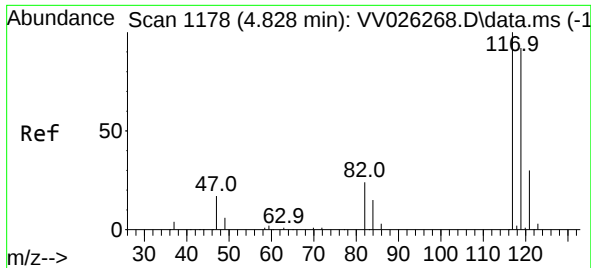
Tgt Ion: 97 Resp: 112860
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 41.7 33.4 50.0



#30
Cyclohexane
Concen: 4.287 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 56 Resp: 83820
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 95.5 76.4 114.6

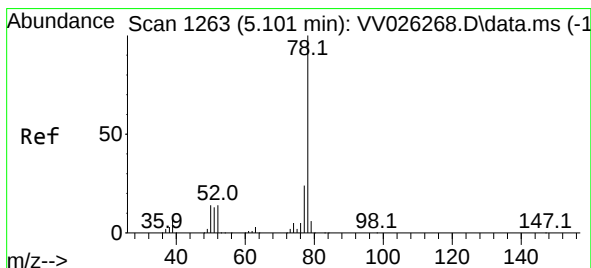
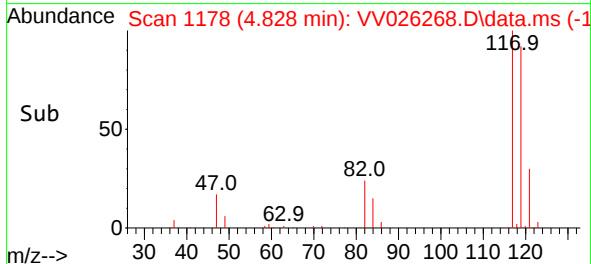
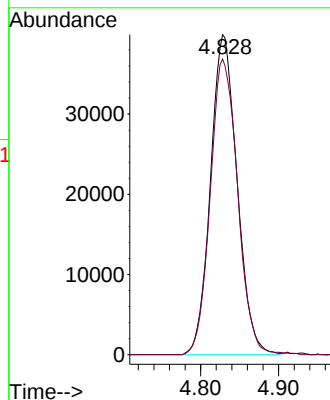
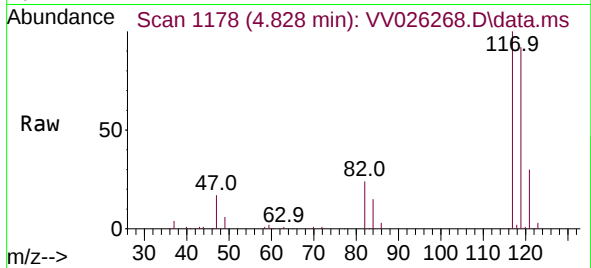




#31
Carbon tetrachloride
Concen: 4.548 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

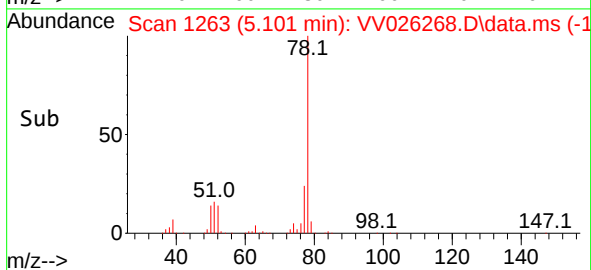
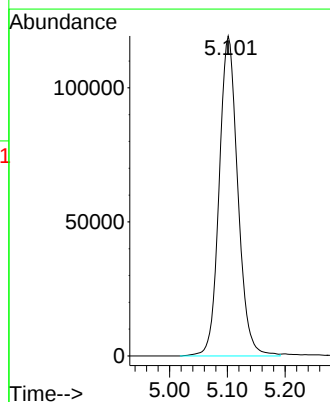
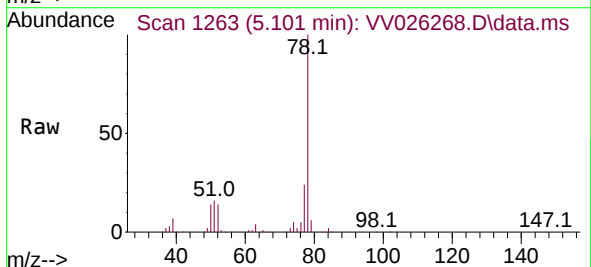
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

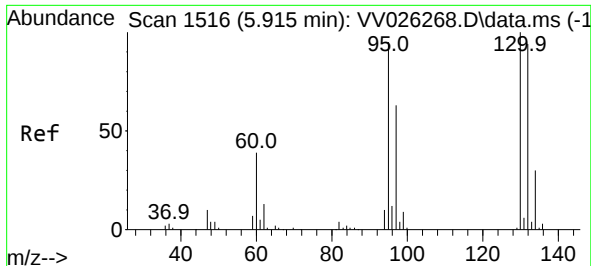
Tgt Ion:117 Resp: 94371
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 4.590 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 78 Resp: 267502

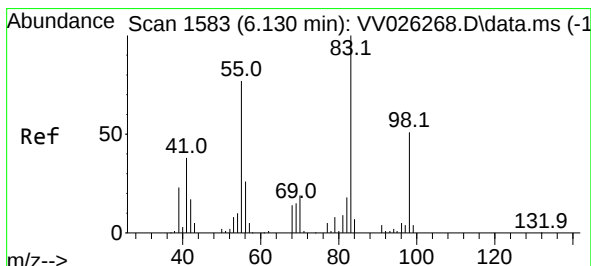
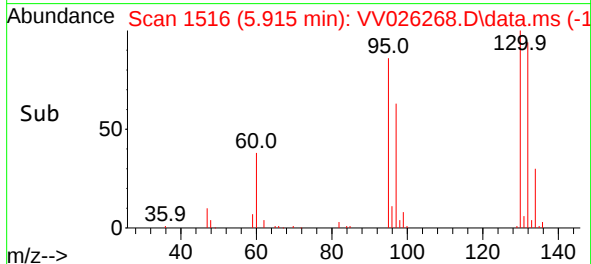
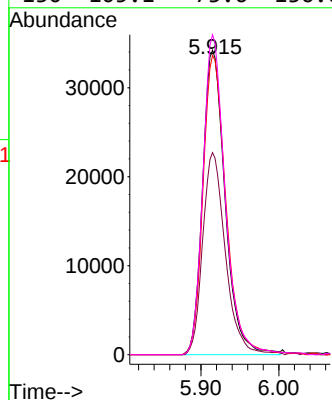
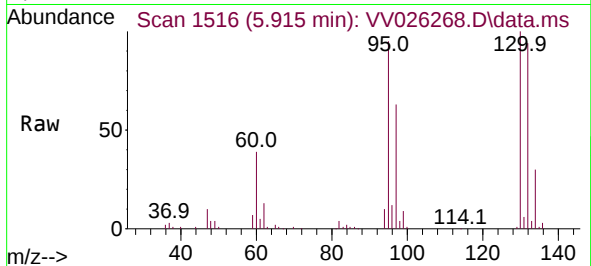




#34
Trichloroethene
Concen: 4.317 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

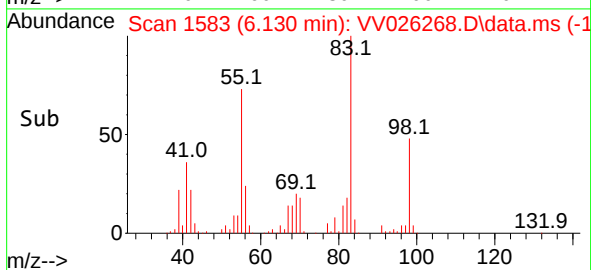
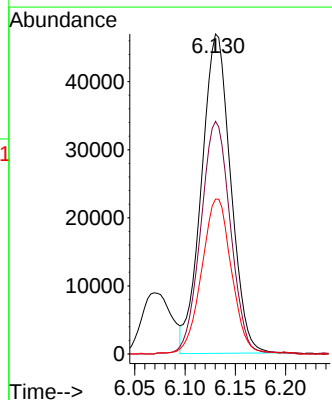
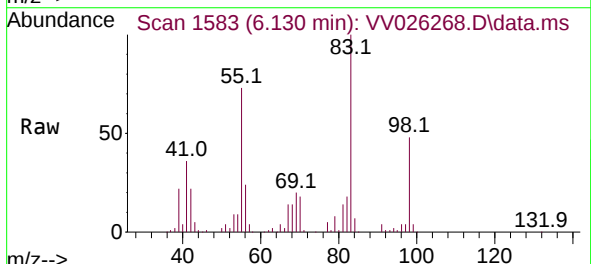
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

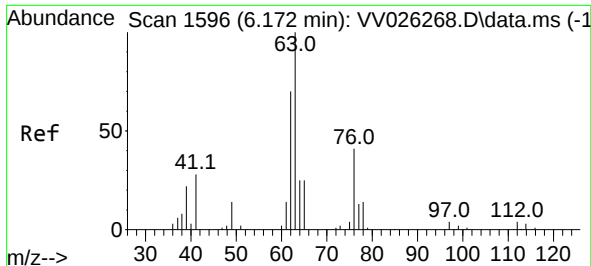
Tgt Ion: 95 Resp: 68692
Ion Ratio Lower Upper
95 100
97 66.4 46.5 86.3
132 98.3 68.8 127.8
130 105.1 73.6 136.6



#35
Methylcyclohexane
Concen: 4.372 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 83 Resp: 94489
Ion Ratio Lower Upper
83 100
55 74.1 59.3 88.9
98 49.9 39.9 59.9





#37

1,2-Dichloropropane

Concen: 4.535 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

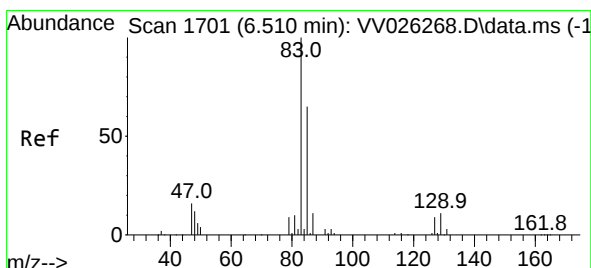
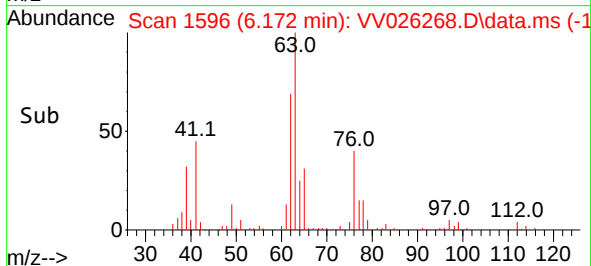
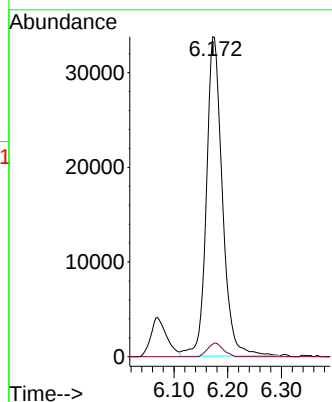
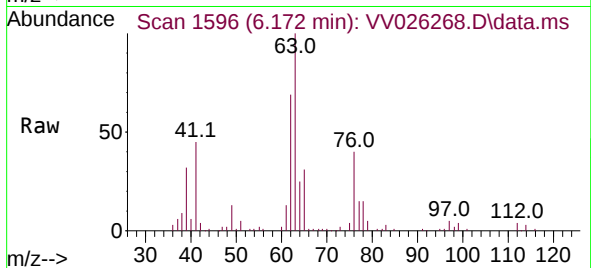
VSTD005269

Tgt Ion: 63 Resp: 69667

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 4.545 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

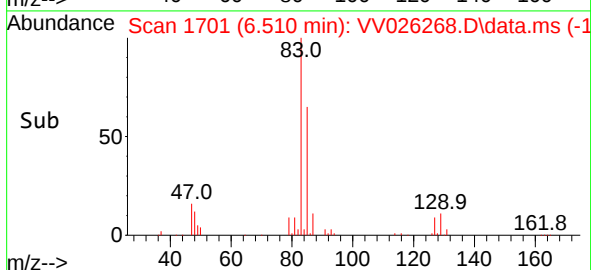
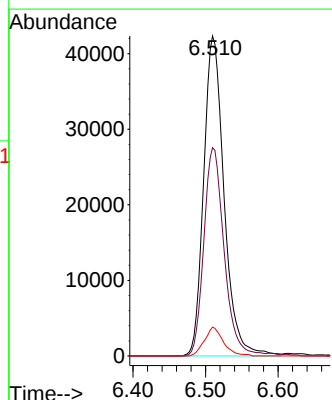
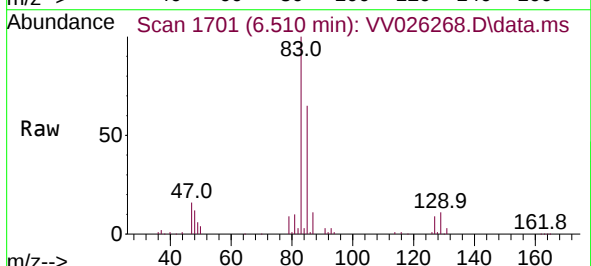
Tgt Ion: 83 Resp: 82857

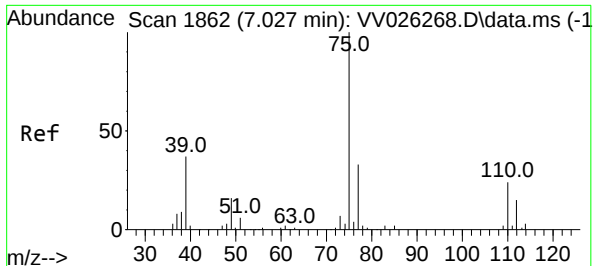
Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.514 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

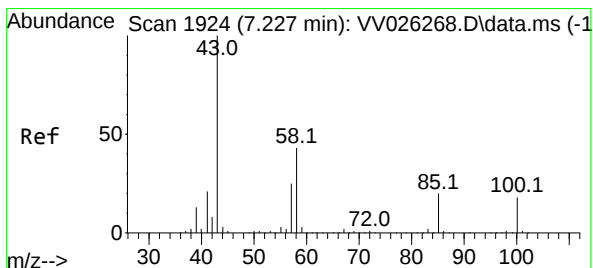
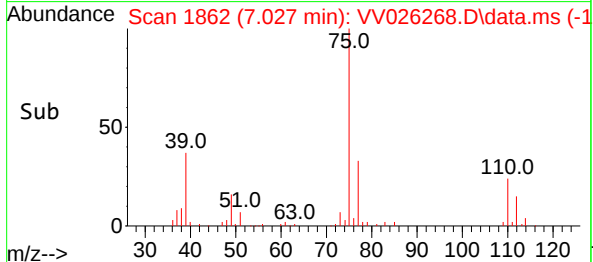
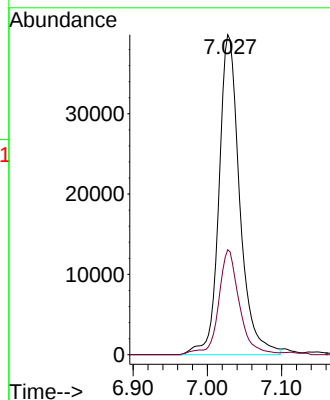
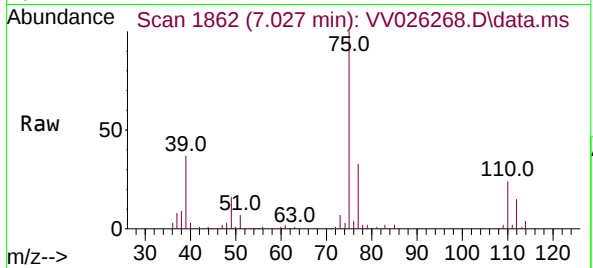
VSTD005269

Tgt Ion: 75 Resp: 77525

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 48.443 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

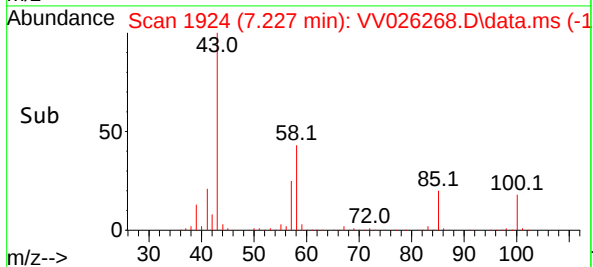
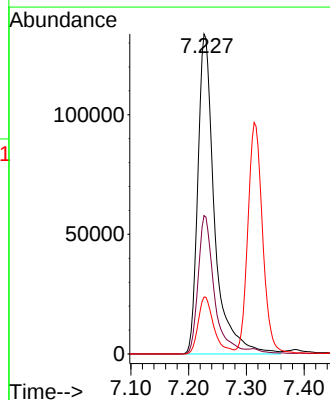
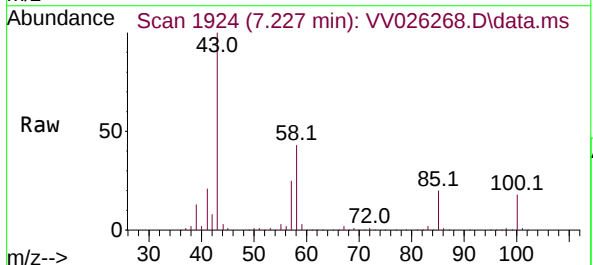
Tgt Ion: 43 Resp: 268556

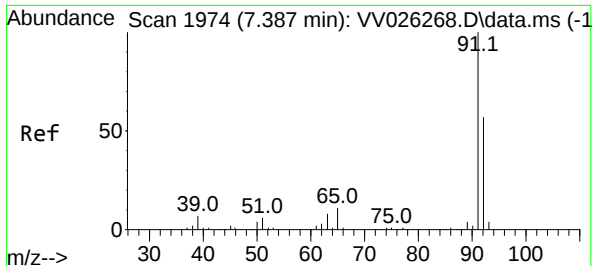
Ion Ratio Lower Upper

43 100

58 41.6 33.3 49.9

100 16.8 13.4 20.2





#42

Toluene

Concen: 4.739 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

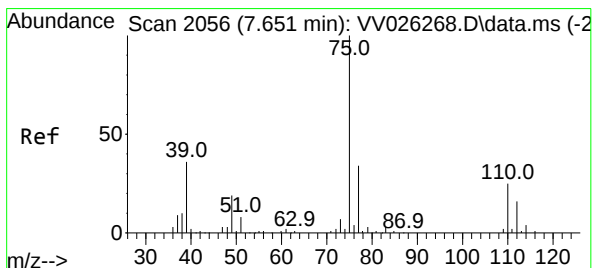
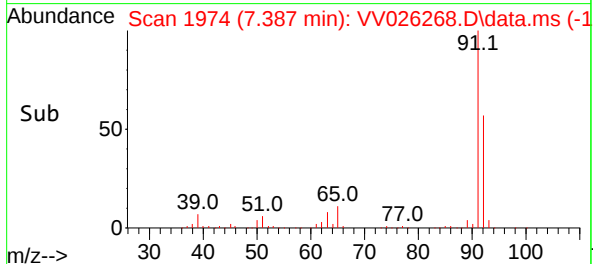
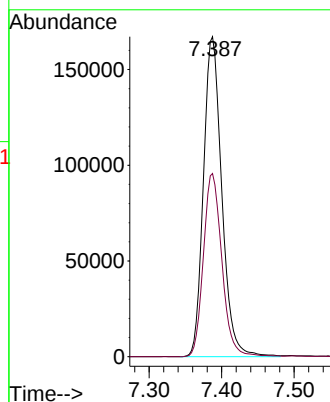
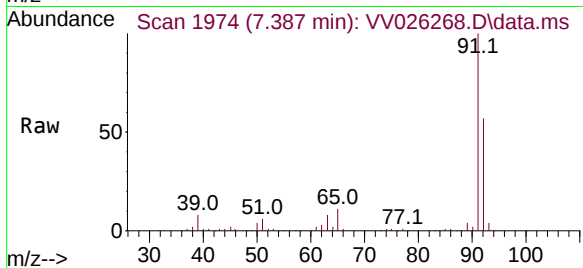
VSTD005269

Tgt Ion: 91 Resp: 294123

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.766 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026268.D

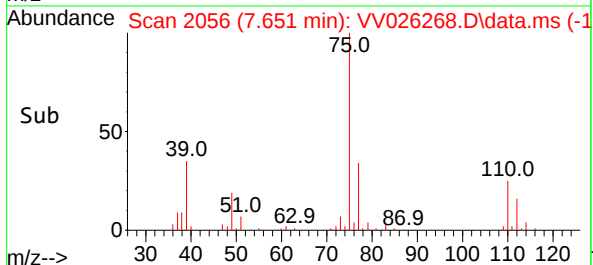
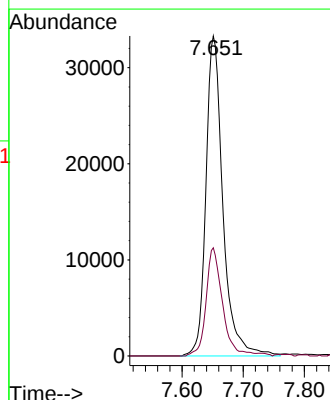
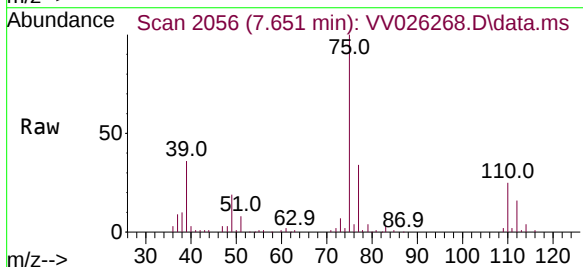
Acq: 15 Jun 2022 10:46

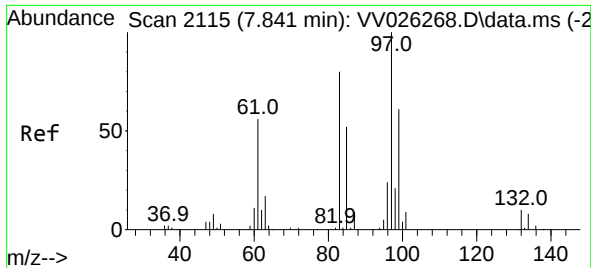
Tgt Ion: 75 Resp: 64257

Ion Ratio Lower Upper

75 100

77 33.8 23.7 43.9



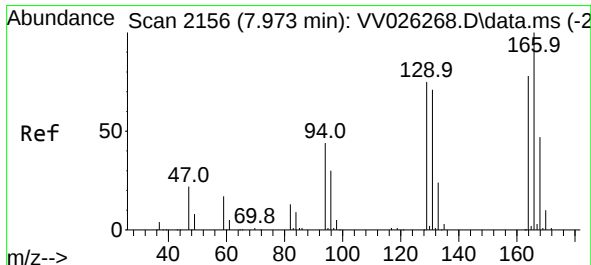
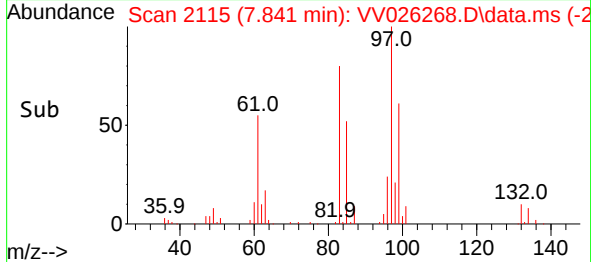
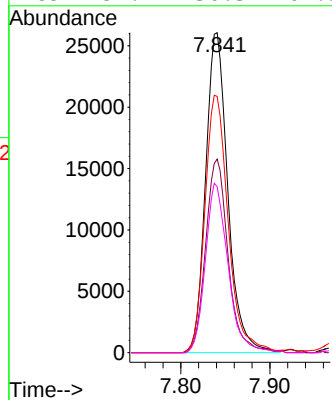
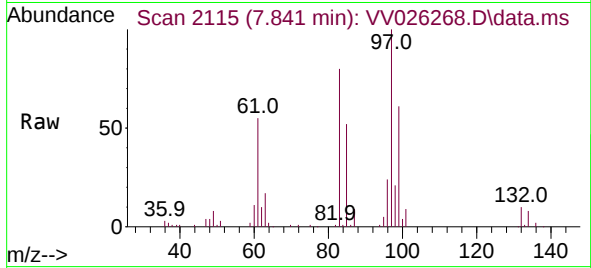


#45
1,1,2-Trichloroethane
Concen: 4.665 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

Tgt Ion: 97 Resp: 45205

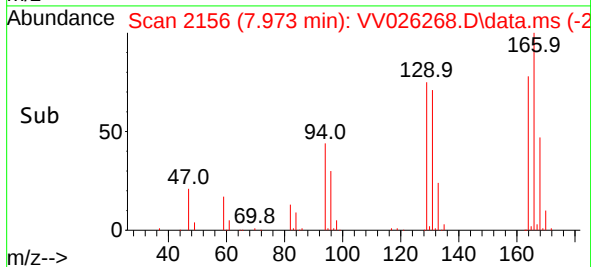
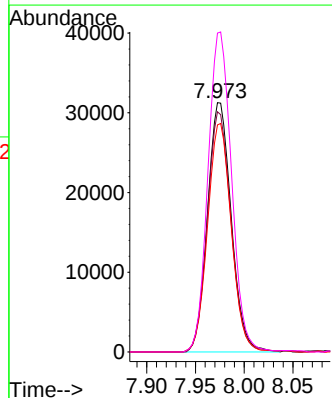
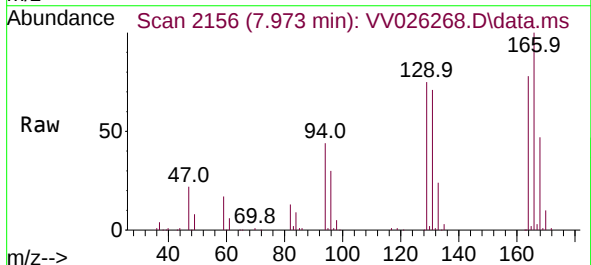
Ion	Ratio	Lower	Upper
97	100		
99	60.5	42.4	78.6
83	80.1	56.1	104.1
85	51.9	36.3	67.5

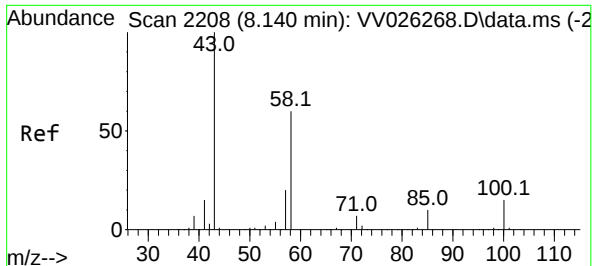


#47
Tetrachloroethene
Concen: 4.603 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 164 Resp: 53024

Ion	Ratio	Lower	Upper
164	100		
129	96.4	67.5	125.3
131	91.1	63.8	118.4
166	127.9	89.5	166.3

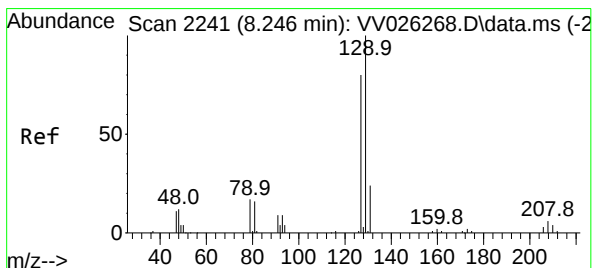
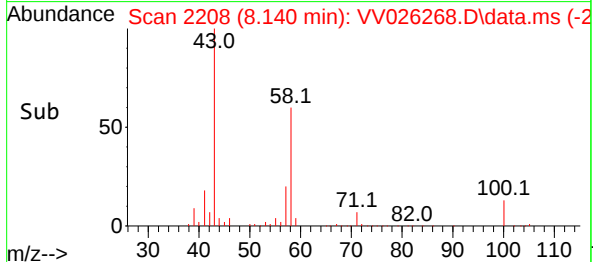
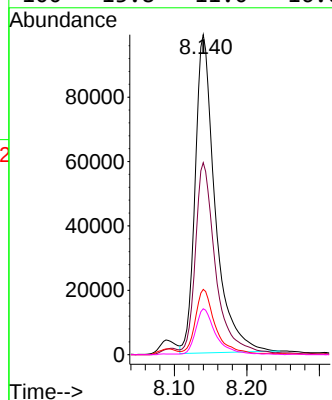
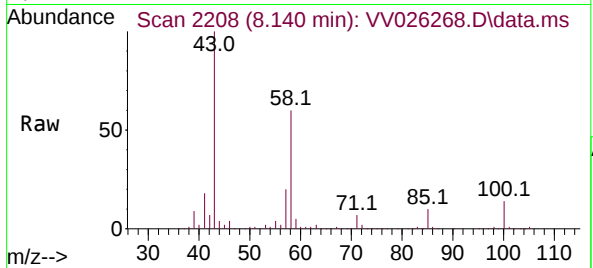




#48
2-Hexanone
Concen: 48.704 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

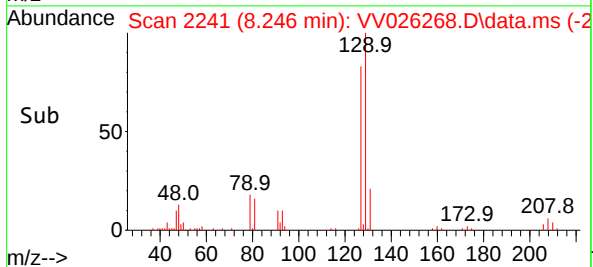
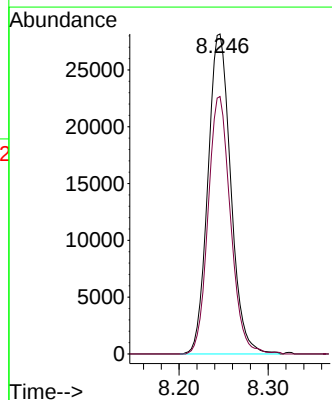
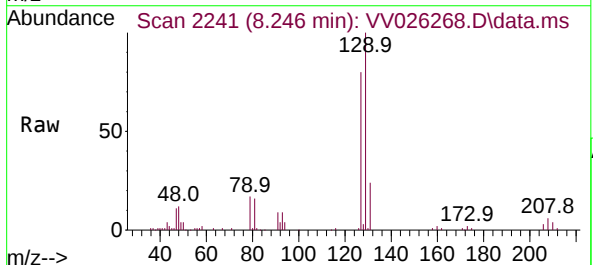
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

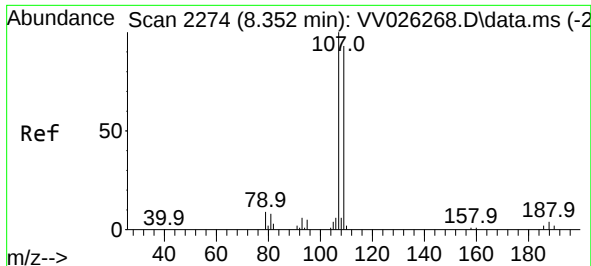
Tgt Ion: 43 Resp: 189578
Ion Ratio Lower Upper
43 100
58 60.9 48.7 73.1
57 20.0 16.0 24.0
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 4.735 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion: 129 Resp: 50165
Ion Ratio Lower Upper
129 100
127 80.5 56.4 104.7



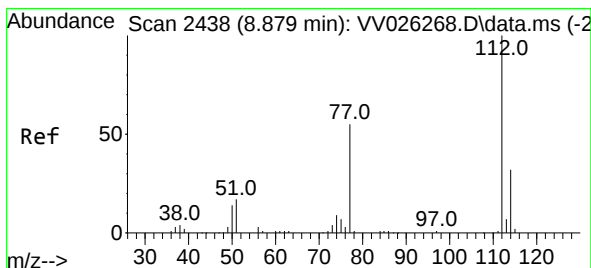
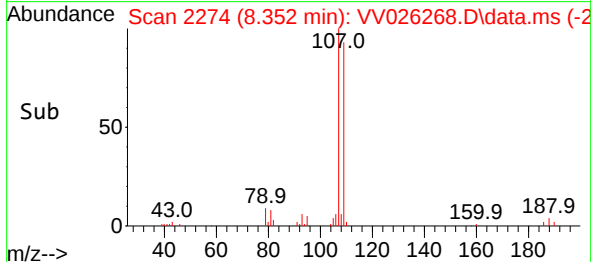
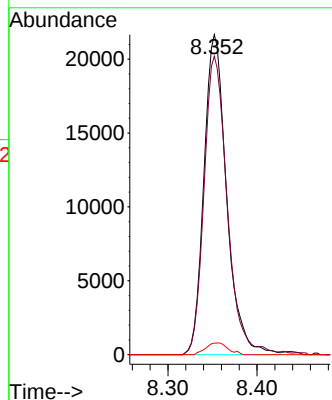
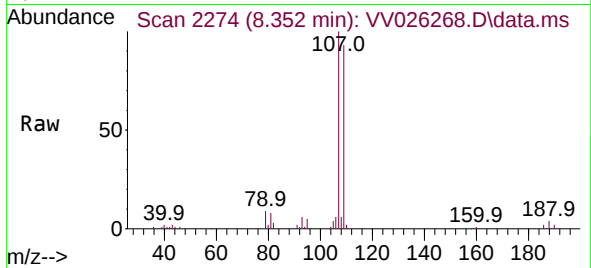


#50
1,2-Dibromoethane
Concen: 4.646 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

Tgt Ion:107 Resp: 38309

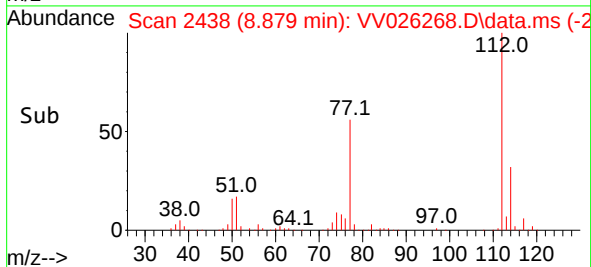
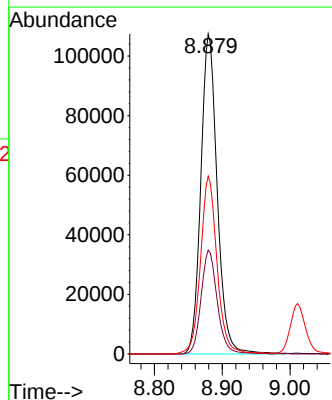
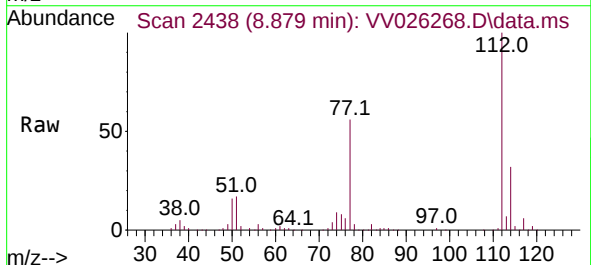
Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.2	121.2
188	3.6	2.9	4.3

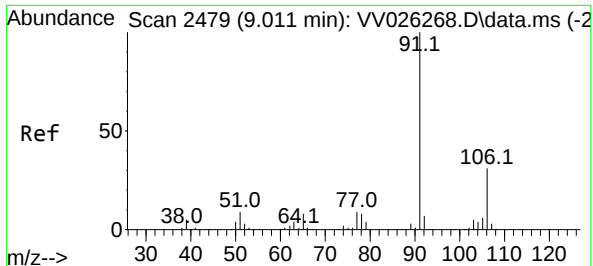


#51
Chlorobenzene
Concen: 4.508 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion:112 Resp: 180437

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	55.6	44.5	66.7





#52

Ethylbenzene

Concen: 4.541 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

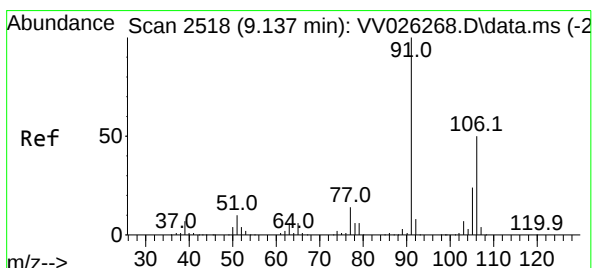
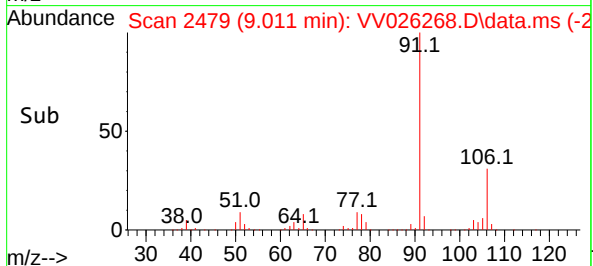
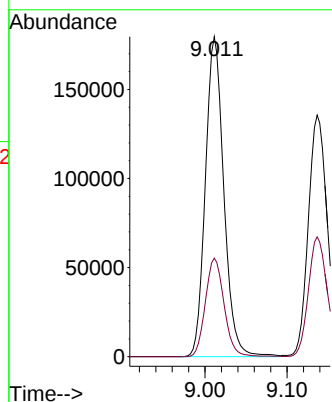
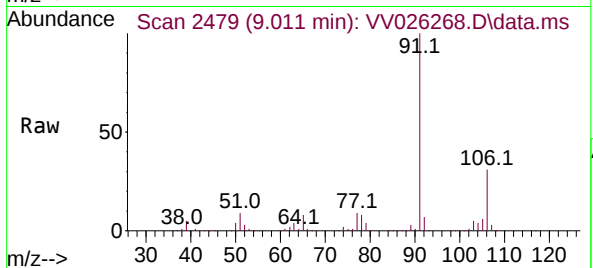
VSTD005269

Tgt Ion: 91 Resp: 281016

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 4.620 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV026268.D

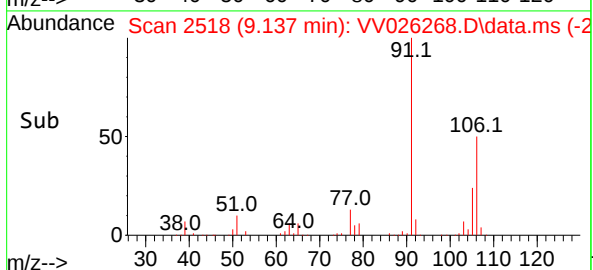
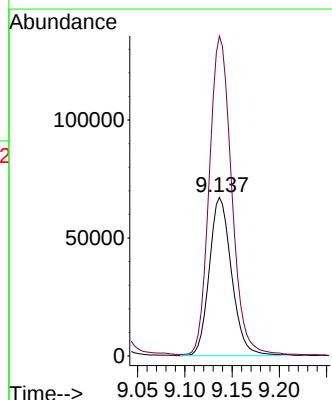
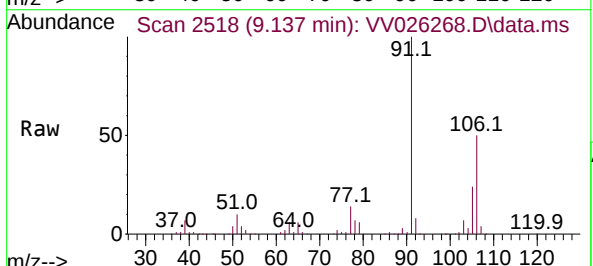
Acq: 15 Jun 2022 10:46

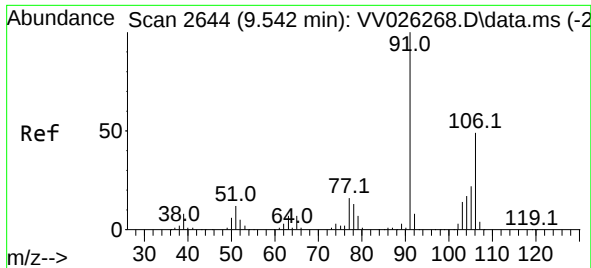
Tgt Ion: 106 Resp: 109769

Ion Ratio Lower Upper

106 100

91 201.8 141.3 262.3

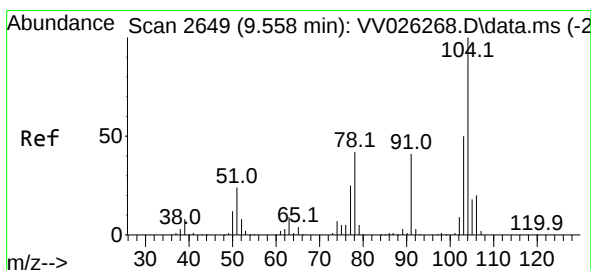
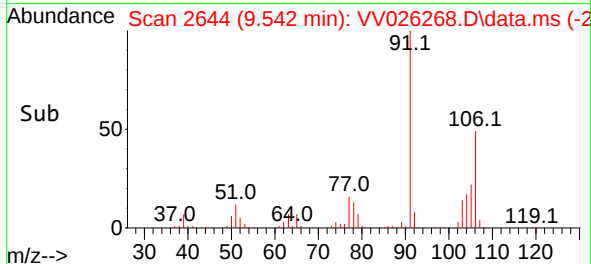
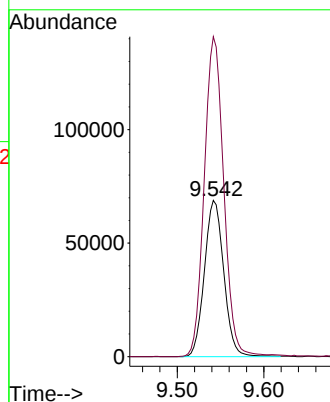
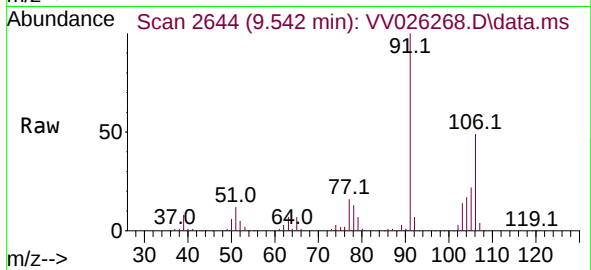




#54
o-Xylene
Concen: 4.632 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

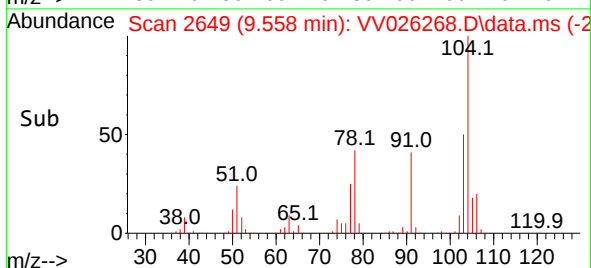
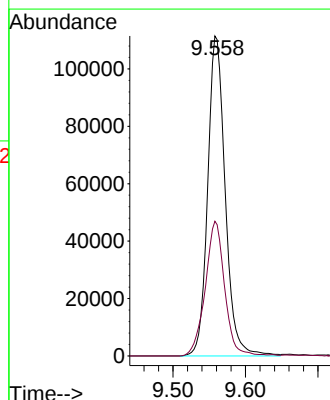
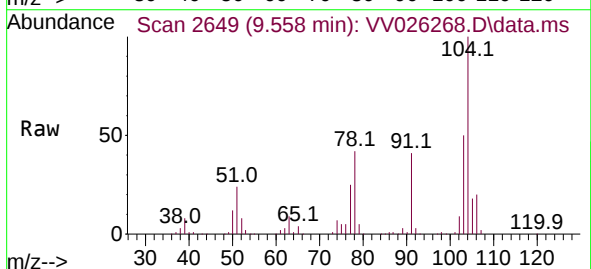
Instrument :
MSVOA_V
ClientSampleId :
VSTD005269

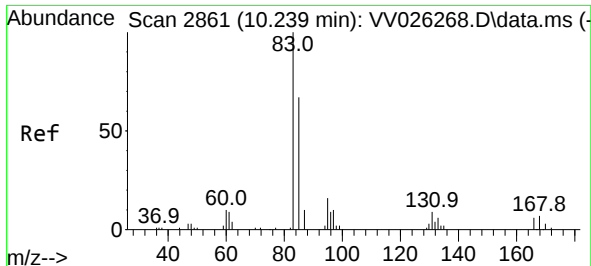
Tgt Ion:106 Resp: 107011
Ion Ratio Lower Upper
106 100
91 204.7 143.3 266.1



#55
Styrene
Concen: 4.922 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026268.D
Acq: 15 Jun 2022 10:46

Tgt Ion:104 Resp: 187193
Ion Ratio Lower Upper
104 100
78 42.1 29.5 54.7

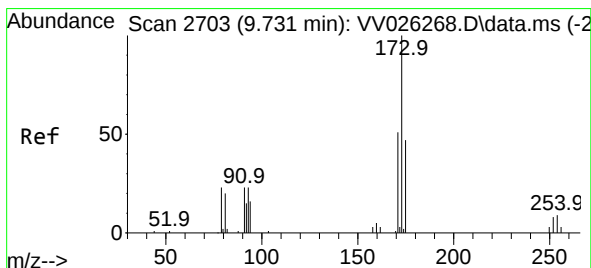
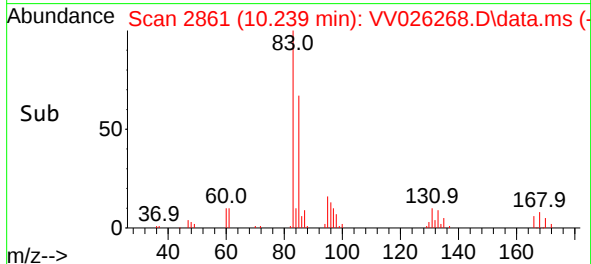
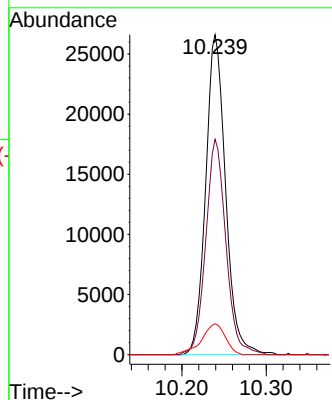
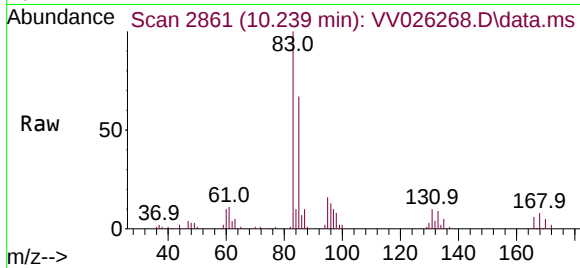




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.480 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

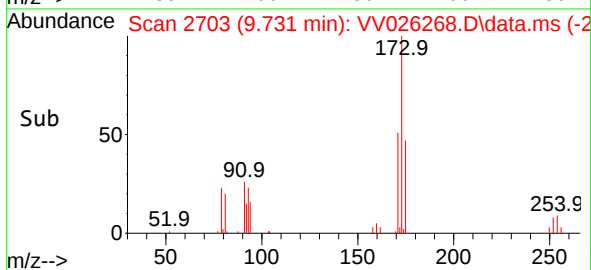
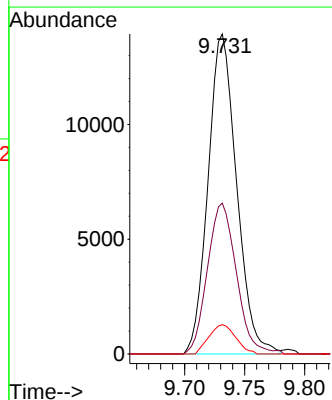
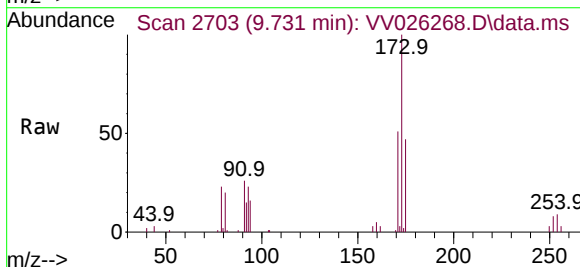
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005269

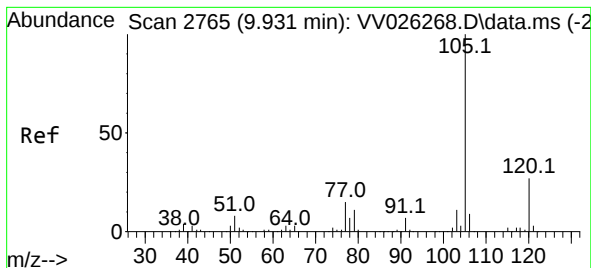
Tgt Ion:	83	Resp:	43764
Ion	Ratio	Lower	Upper
83	100		
85	67.3	47.1	87.5
131	9.6	7.7	11.5



#59
 Bromoform
 Concen: 4.664 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion:	173	Resp:	23064
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.3	57.5
254	8.6	6.9	10.3





#60

Isopropylbenzene

Concen: 4.278 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005269

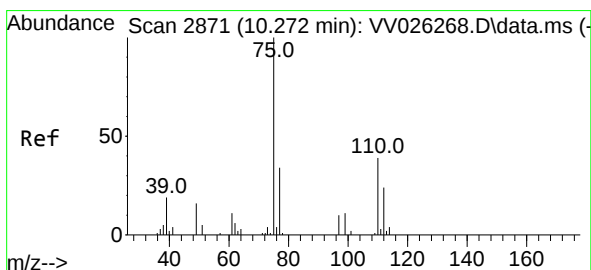
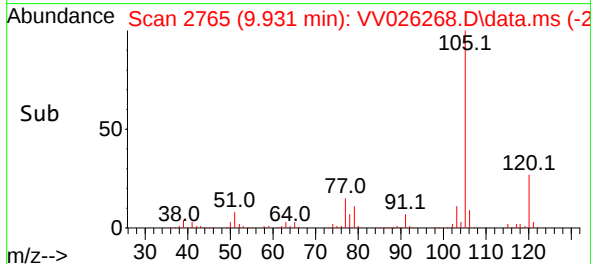
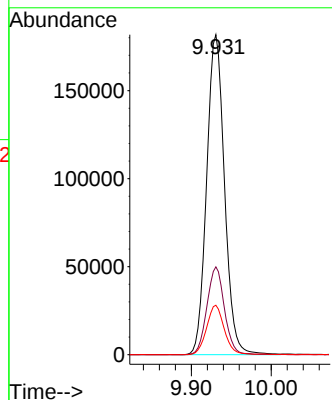
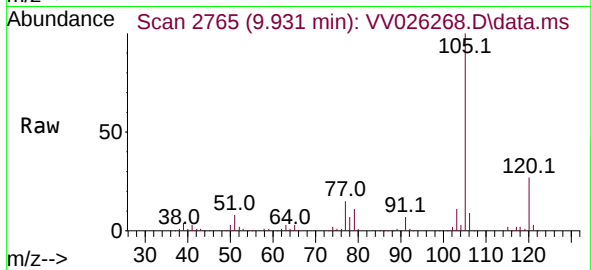
Tgt Ion:105 Resp: 282561

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

77 15.3 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 4.377 ug/L

RT: 10.272 min Scan# 2871

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

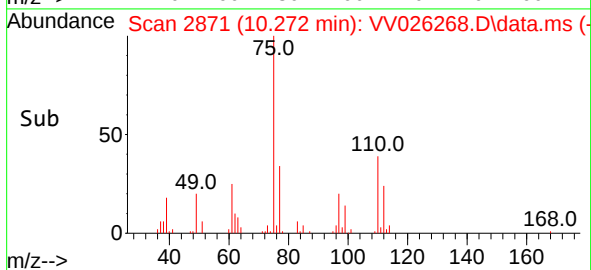
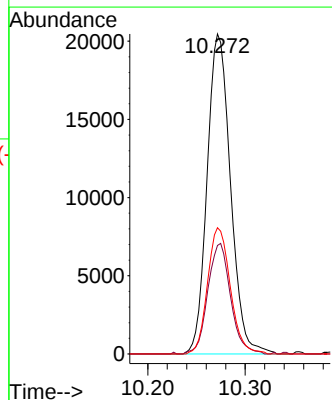
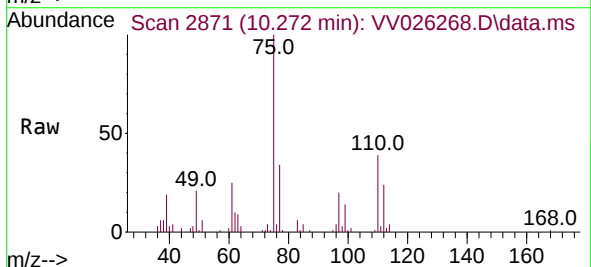
Tgt Ion: 75 Resp: 34174

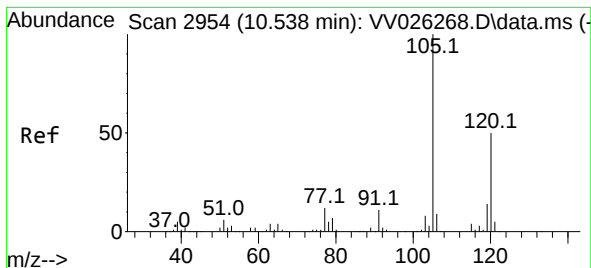
Ion Ratio Lower Upper

75 100

77 33.6 26.9 40.3

110 38.4 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 4.106 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

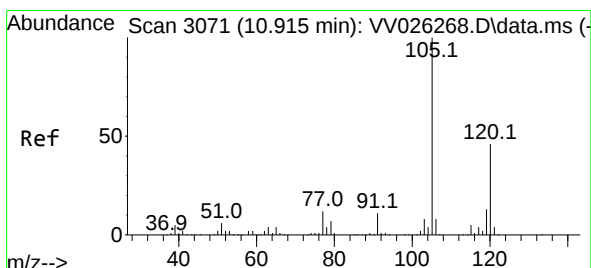
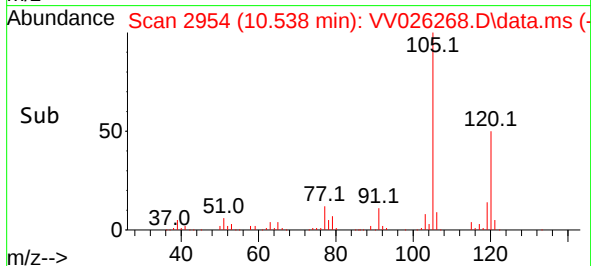
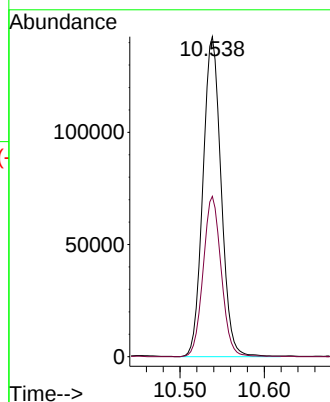
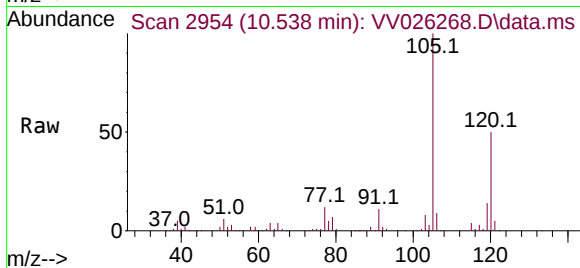
VSTD005269

Tgt Ion:105 Resp: 214737

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.200 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026268.D

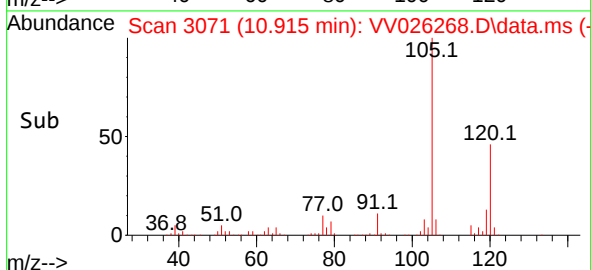
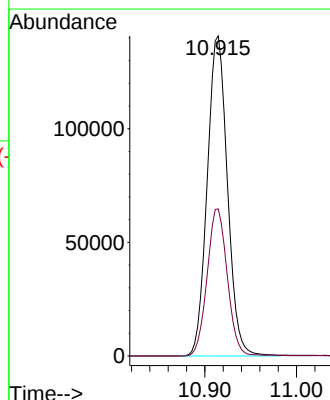
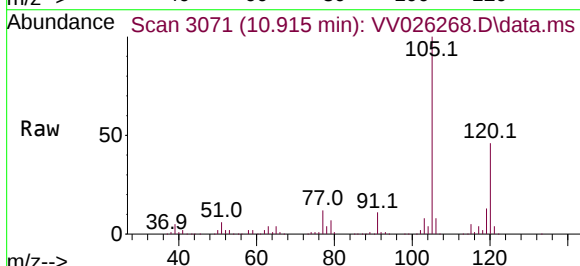
Acq: 15 Jun 2022 10:46

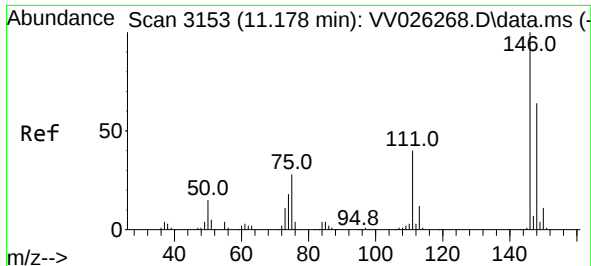
Tgt Ion:105 Resp: 215769

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3

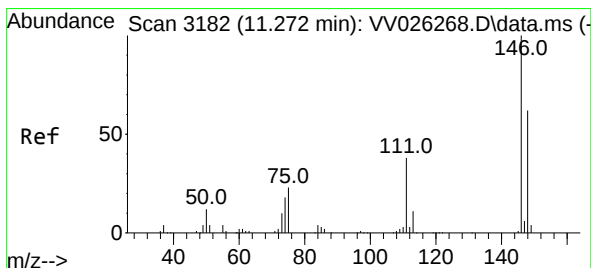
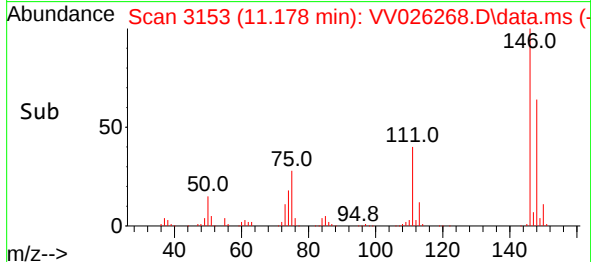
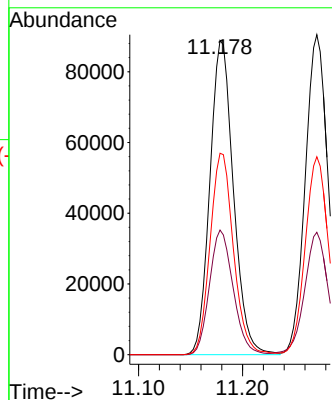
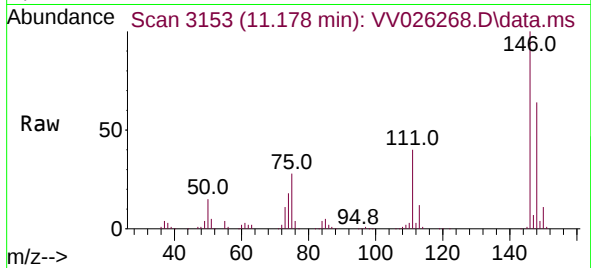




#64
 1,3-Dichlorobenzene
 Concen: 4.410 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

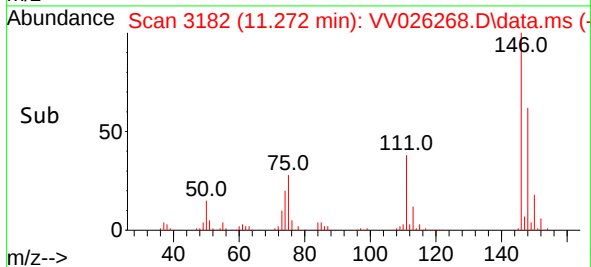
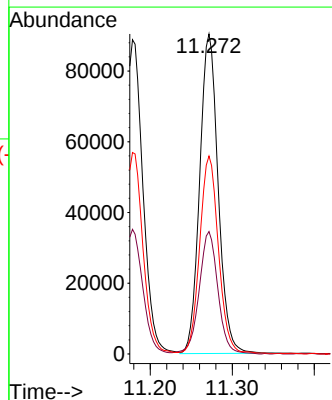
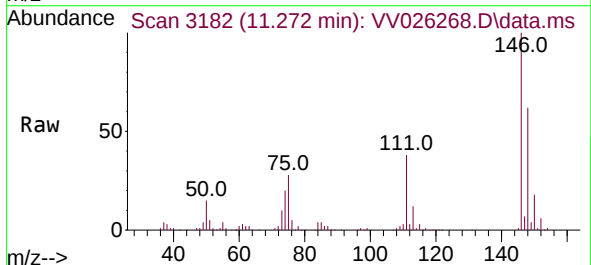
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005269

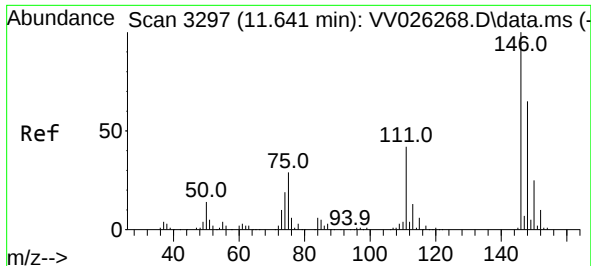
Tgt Ion:146 Resp: 139729
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.8 51.6
 148 64.1 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 4.460 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion:146 Resp: 140943
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.7 49.7
 148 61.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.327 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005269

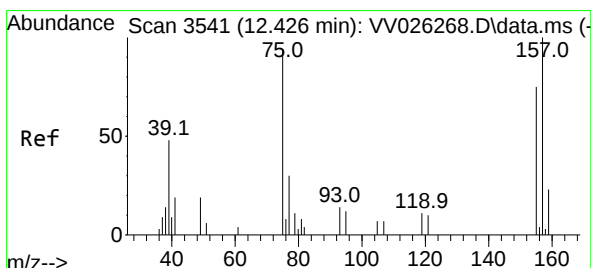
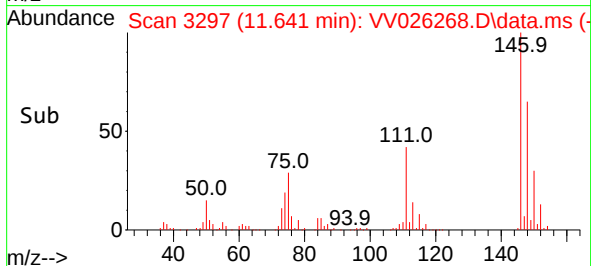
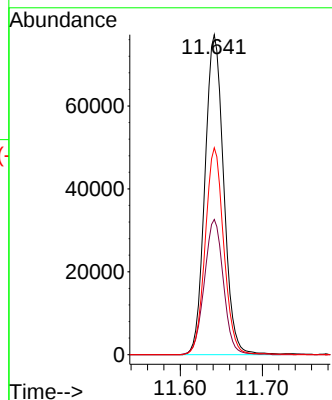
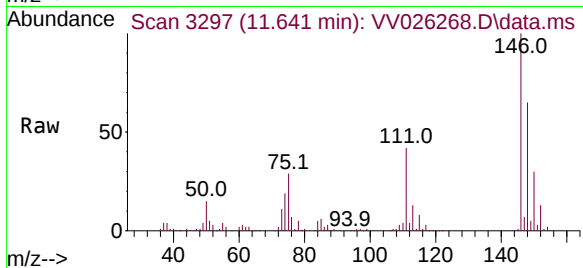
Tgt Ion:146 Resp: 122537

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.8

148 64.6 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.309 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

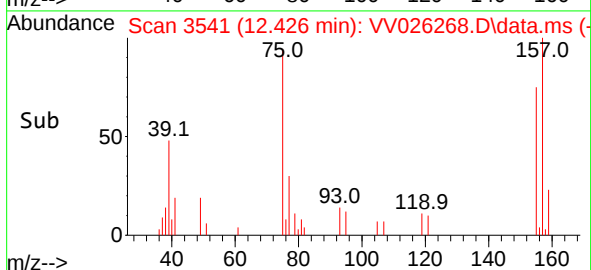
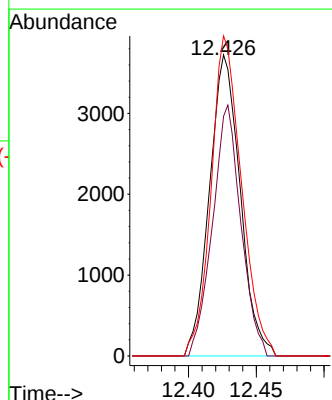
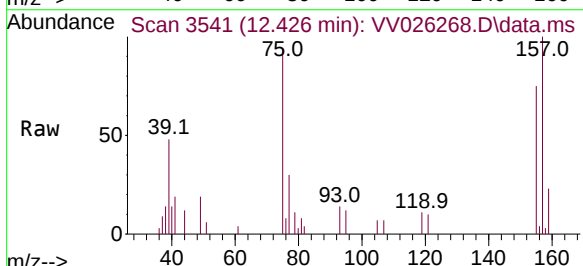
Tgt Ion: 75 Resp: 5853

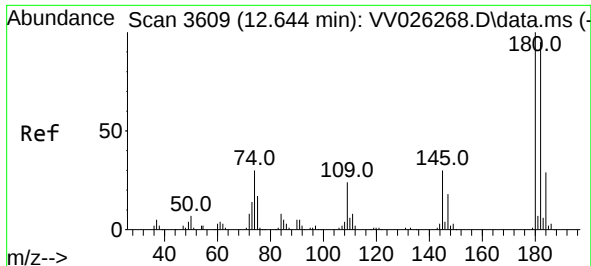
Ion Ratio Lower Upper

75 100

155 79.6 63.7 95.5

157 106.3 85.0 127.6

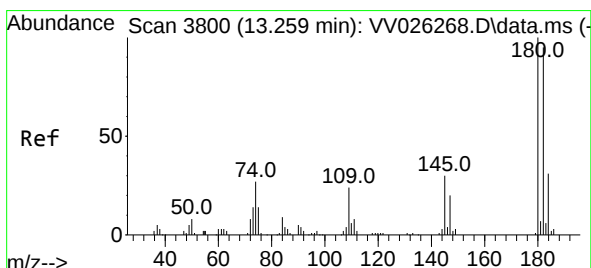
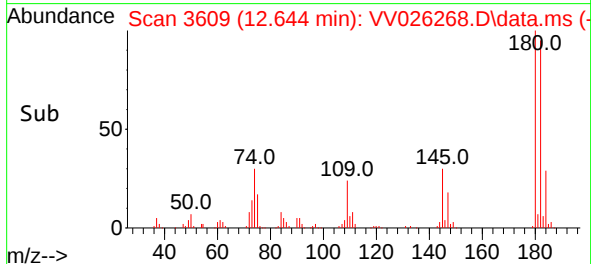
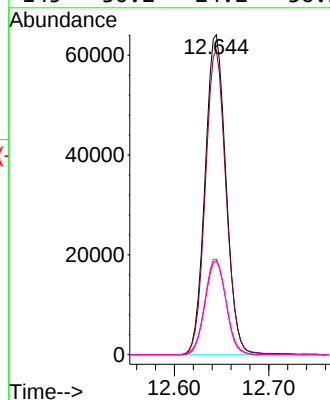
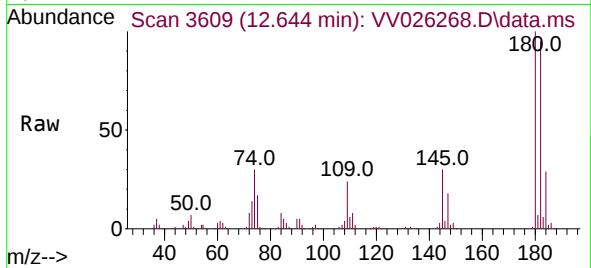




#69
 1,3,5-Trichlorobenzene
 Concen: 4.372 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

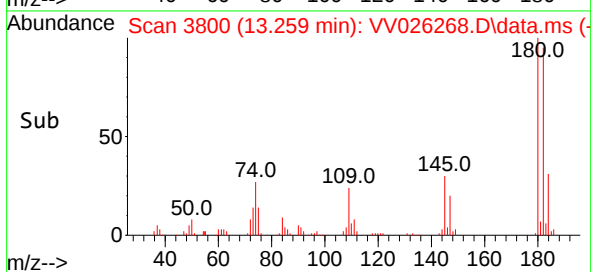
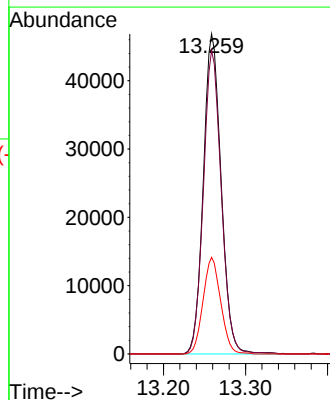
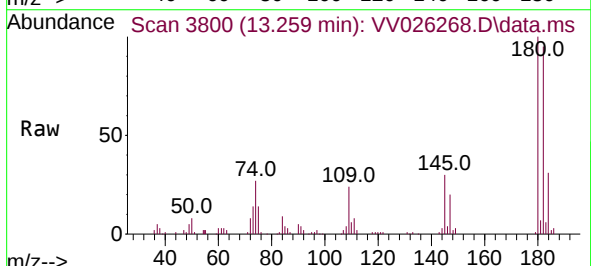
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005269

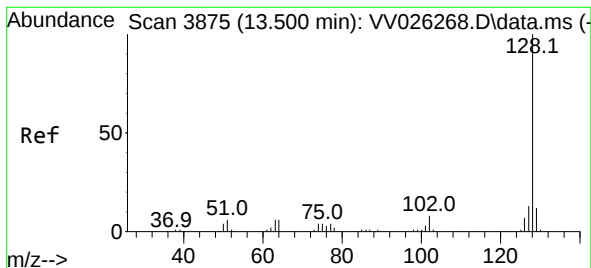
Tgt Ion:180	Resp:	98502
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.5 113.3
184	29.6	23.7 35.5
145	30.2	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.341 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026268.D
 Acq: 15 Jun 2022 10:46

Tgt Ion:180	Resp:	70687
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.2
145	29.9	23.9 35.9





#71

Naphthalene

Concen: 4.065 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005269

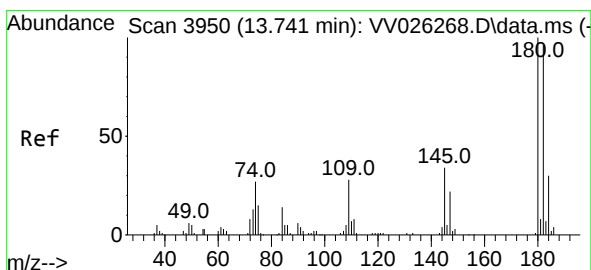
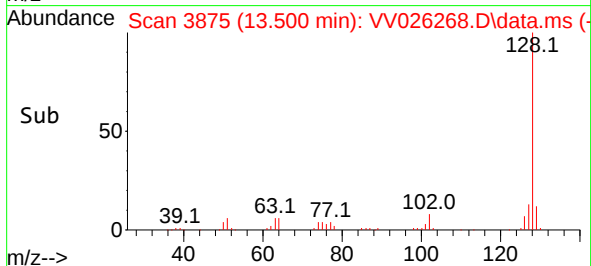
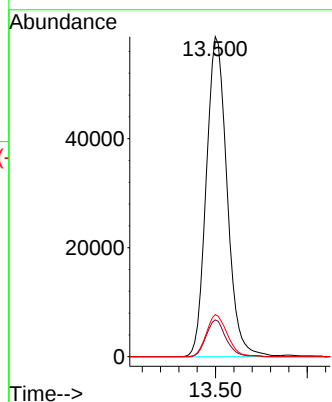
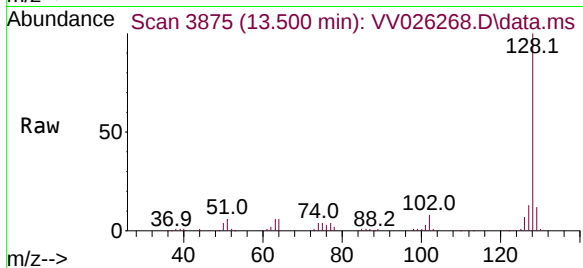
Tgt Ion:128 Resp: 92357

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.428 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026268.D

Acq: 15 Jun 2022 10:46

Tgt Ion:180 Resp: 59554

Ion Ratio Lower Upper

180 100

182 97.4 77.9 116.9

145 33.4 26.7 40.1

