

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028573.D
 Acq On : 15 Oct 2022 01:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Oct 15 03:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	217078	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	206963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	101696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89277	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	80340	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.108	63	167353	4.946	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.896	46	224232	55.831	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.660%
24) Chloroform-d	4.346	84	143680	5.023	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.031	65	76527	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.047	84	294495	4.407	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	97450	4.519	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	256533	4.845	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.619	79	31646	4.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.085	63	170506	54.225	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67730	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	85097	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	61647	5.028	ug/L	97
3) Chloromethane	1.240	50	93917	4.576	ug/L	97
5) Vinyl chloride	1.311	62	97130	4.859	ug/L	98
6) Bromomethane	1.523	94	42247	4.694	ug/L	95
8) Chloroethane	1.584	64	74105	5.716	ug/L	96
9) Trichlorofluoromethane	1.751	101	130289	5.333	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	76002	5.277	ug/L	98
12) 1,1-Dichloroethene	2.118	96	70407	5.216	ug/L	96
13) Acetone	2.188	43	139178	49.349	ug/L	87
14) Carbon disulfide	2.291	76	163573	4.328	ug/L	98
15) Methyl Acetate	2.439	43	30269	4.536	ug/L #	87
16) Methylene chloride	2.503	84	78868	4.142	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	173155	5.051	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	68713	4.881	ug/L	97
19) 1,1-Dichloroethane	3.185	63	151668	4.788	ug/L	99
21) 2-Butanone	3.979	43	196651	48.682	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	79025	4.966	ug/L #	94
23) Bromochloromethane	4.246	128	30507	4.999	ug/L	90
25) Chloroform	4.372	83	149742	4.988	ug/L	97

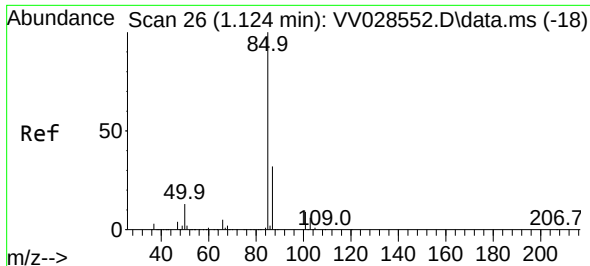
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	85143	4.764	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	115398	4.034	ug/L	98
30) Cyclohexane	4.674	56	126874	3.841	ug/L	95
31) Carbon tetrachloride	4.822	117	91385	4.063	ug/L	99
33) Benzene	5.095	78	314924	4.306	ug/L	100
34) Trichloroethene	5.912	95	75403	4.317	ug/L	97
35) Methylcyclohexane	6.127	83	121631	4.183	ug/L	97
37) 1,2-Dichloropropane	6.169	63	85432	4.590	ug/L	99
38) Bromodichloromethane	6.506	83	94168	4.437	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	108549	4.378	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	516505	50.963	ug/L	100
42) Toluene	7.384	91	319471	4.656	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85119	4.477	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	51622	4.990	ug/L	99
47) Tetrachloroethene	7.973	164	52600	4.627	ug/L	96
48) 2-Hexanone	8.137	43	364517	51.998	ug/L	98
49) Dibromochloromethane	8.239	129	52621	4.769	ug/L	99
50) 1,2-Dibromoethane	8.349	107	46404	5.094	ug/L	98
51) Chlorobenzene	8.876	112	199329	4.686	ug/L	99
52) Ethylbenzene	9.005	91	356010	4.671	ug/L	100
53) m,p-Xylene	9.133	106	128700	4.514	ug/L	99
54) o-Xylene	9.535	106	129015	4.669	ug/L	96
55) Styrene	9.555	104	222300	4.756	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	63136	4.966	ug/L	99
59) Bromoform	9.725	173	23782	4.644	ug/L	98
60) Isopropylbenzene	9.924	105	349817	4.712	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	45353	4.991	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	99649	4.462	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	281759	4.614	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	147419	4.708	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	144456	4.706	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	132113	4.703	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7525	3.989	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	101404	4.427	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	77445	4.439	ug/L	99
71) Naphthalene	13.493	128	107653	4.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	66889	4.652	ug/L	98

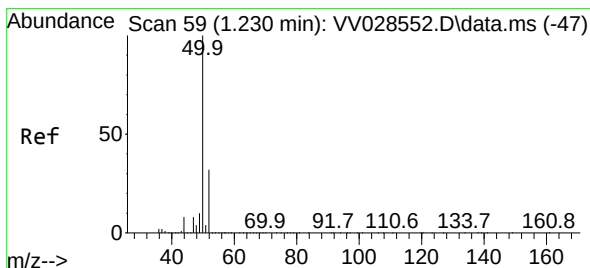
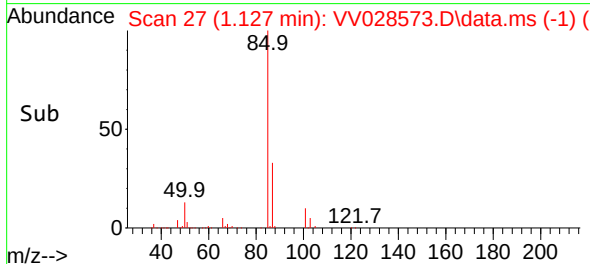
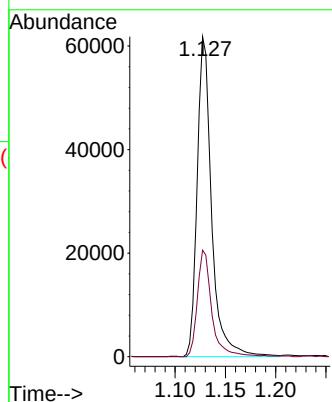
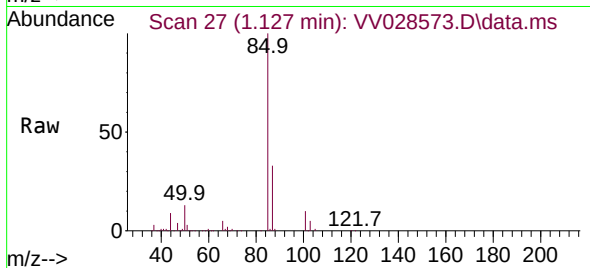
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#2
 Dichlorodifluoromethane
 Concen: 5.028 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

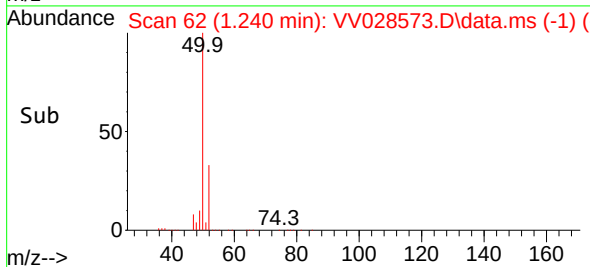
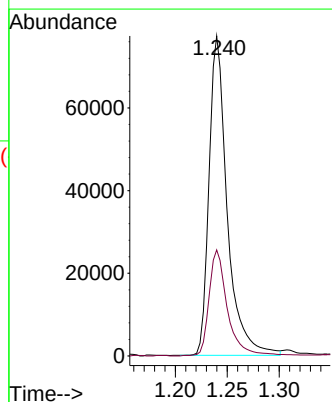
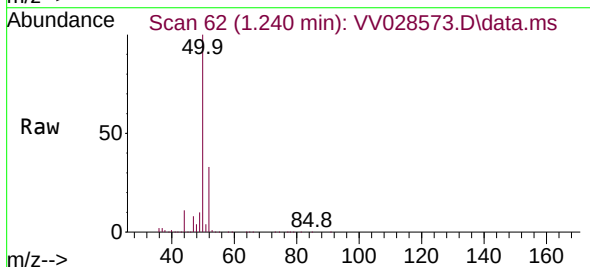
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

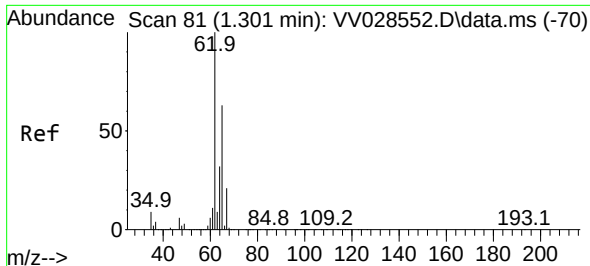
Tgt Ion: 85 Resp: 61647
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.4 38.2



#3
 Chloromethane
 Concen: 4.576 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion: 50 Resp: 93917
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0

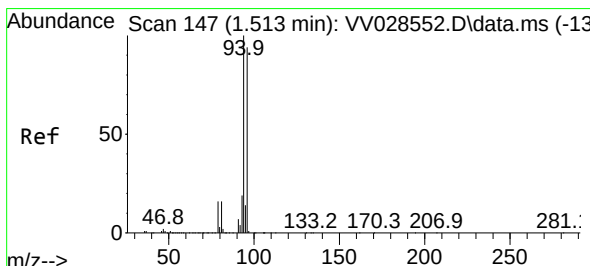
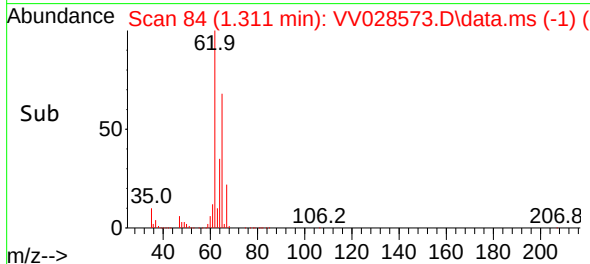
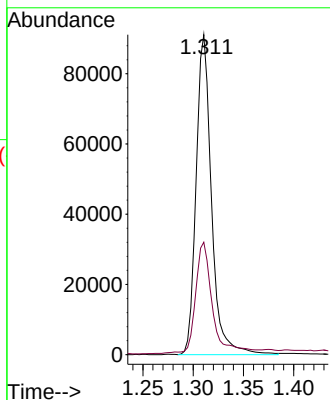
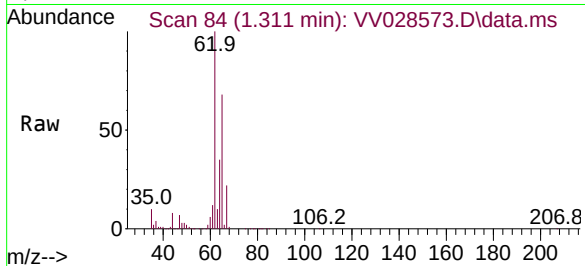




#5
 Vinyl chloride
 Concen: 4.859 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

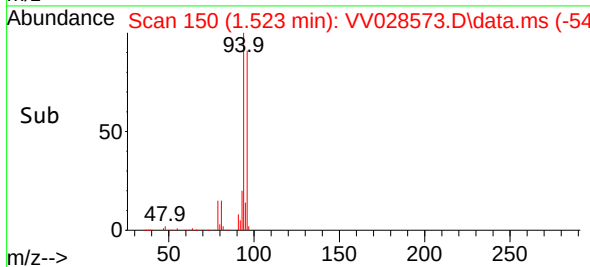
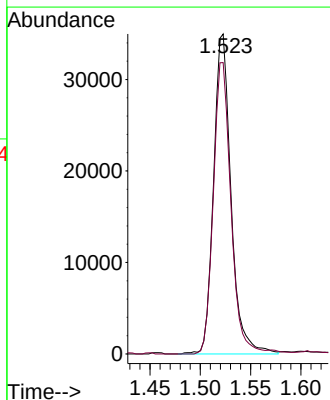
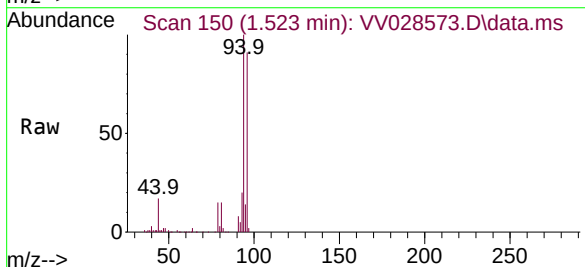
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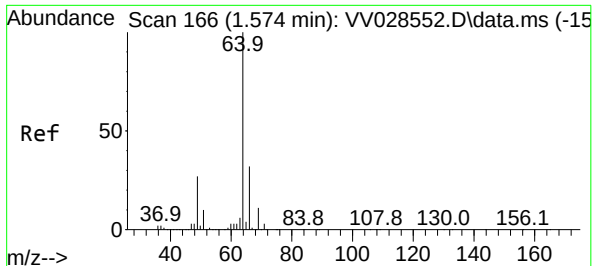
Tgt Ion: 62 Resp: 97130
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.7 44.1



#6
 Bromomethane
 Concen: 4.694 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.010 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion: 94 Resp: 42247
 Ion Ratio Lower Upper
 94 100
 96 91.1 67.0 124.4

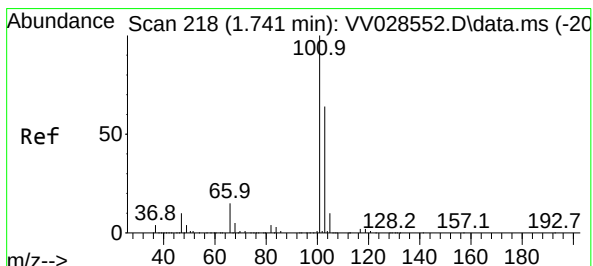
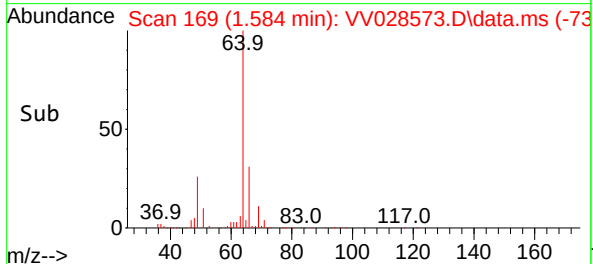
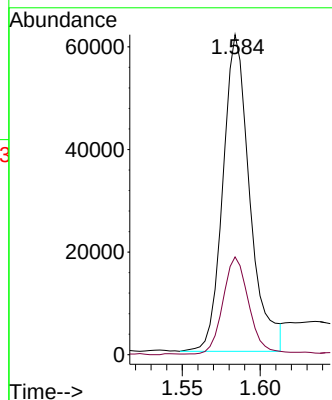
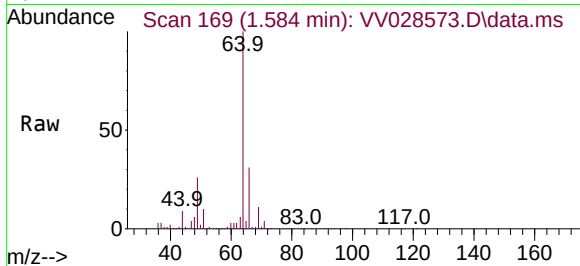




#8
Chloroethane
Concen: 5.716 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

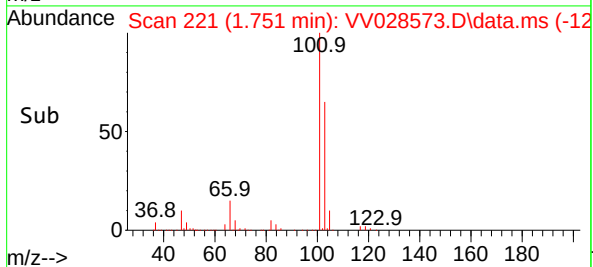
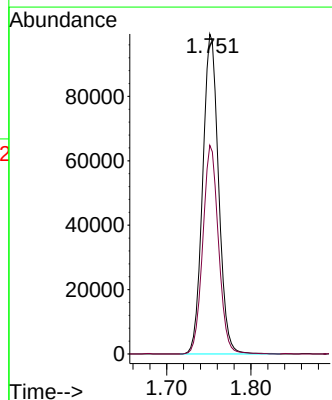
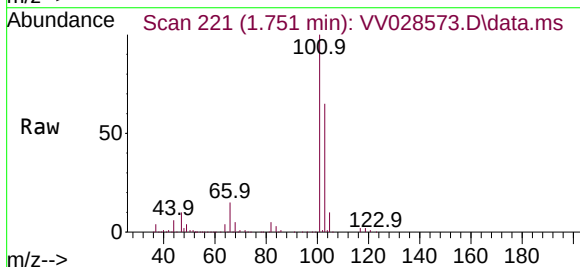
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ClientSampleId :
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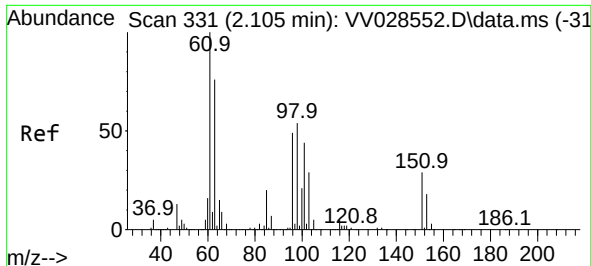
Tgt Ion: 64 Resp: 74105
Ion Ratio Lower Upper
64 100
66 30.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.333 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 101 Resp: 130289
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

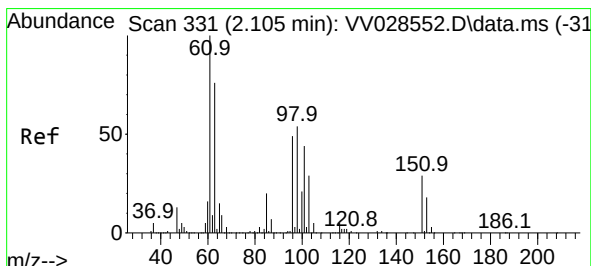
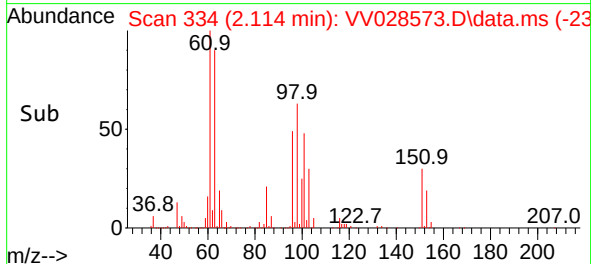
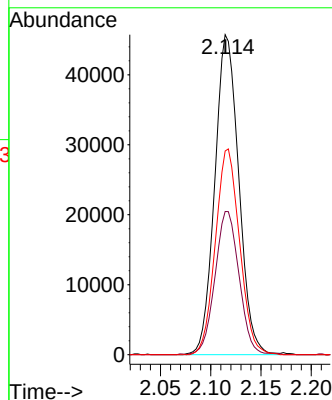
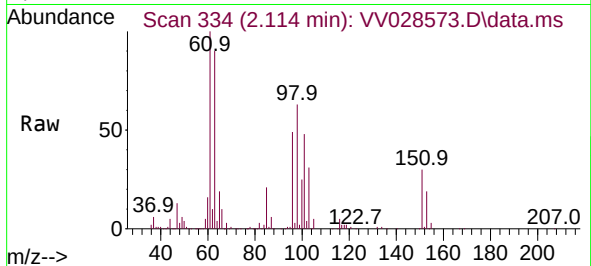




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.277 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.010 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

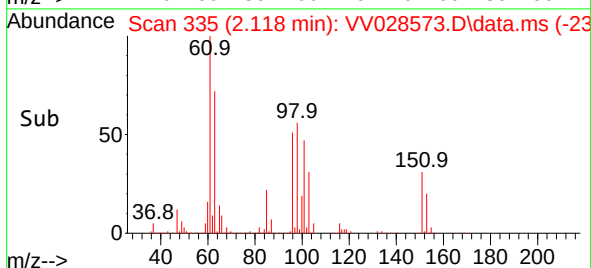
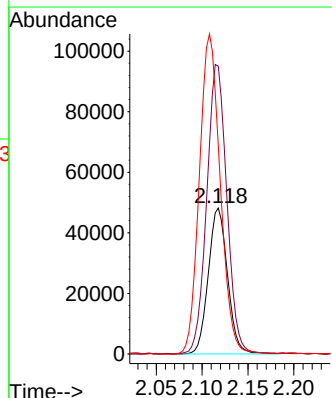
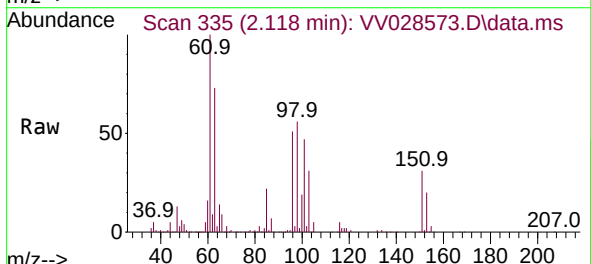
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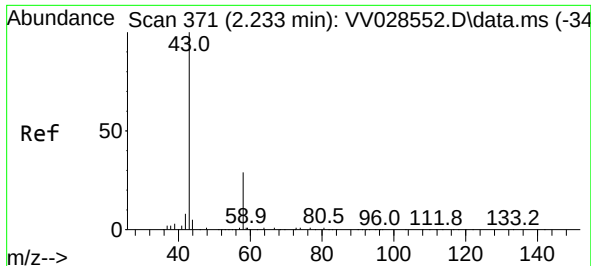
Tgt Ion:101 Resp: 76002
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.3 55.9
 151 64.8 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 5.216 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.013 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion: 96 Resp: 70407
 Ion Ratio Lower Upper
 96 100
 61 197.2 142.9 265.5
 63 143.1 102.3 190.1

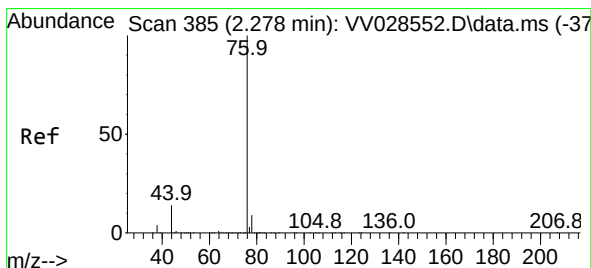
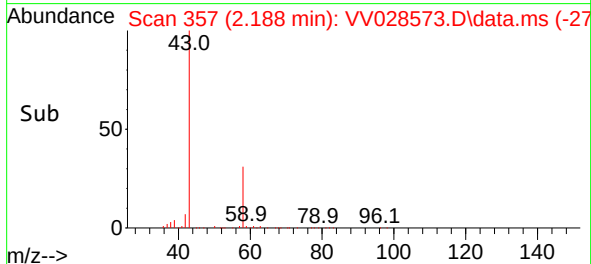
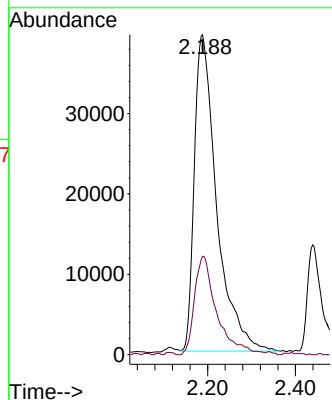
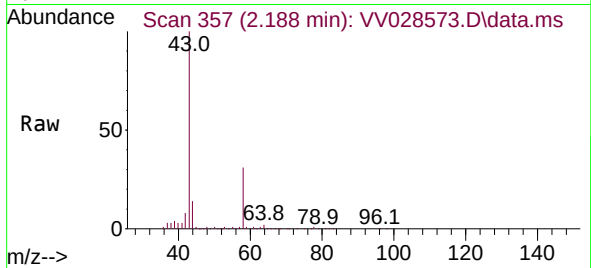




#13
Acetone
Concen: 49.349 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.045 min
Lab File: VV028573.D
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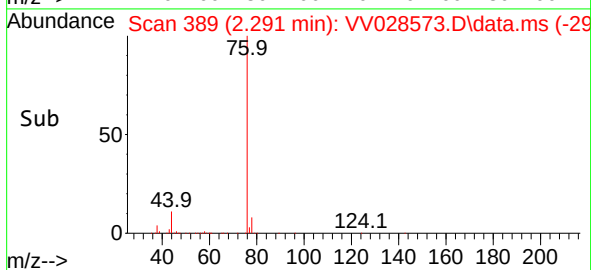
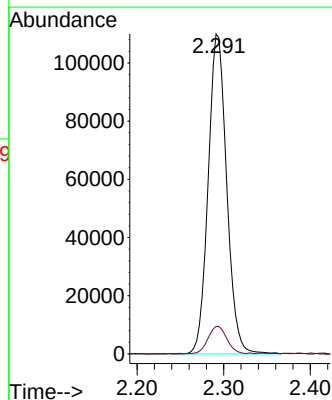
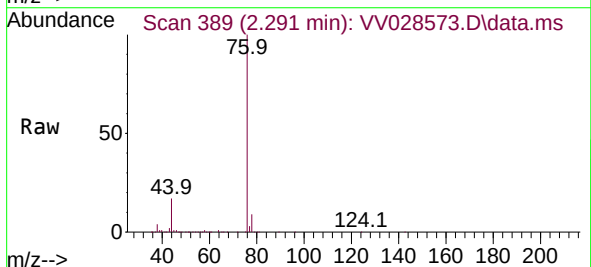
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VSTD005324

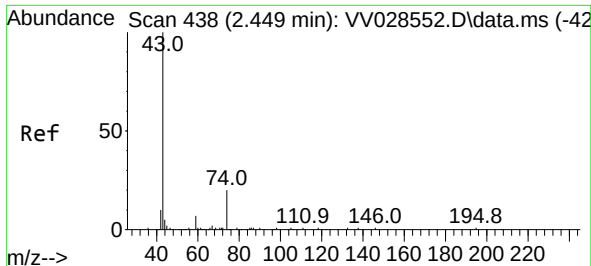
Tgt Ion: 43 Resp: 139178
Ion Ratio Lower Upper
43 100
58 30.9 0.0 48.6



#14
Carbon disulfide
Concen: 4.328 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 76 Resp: 163573
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

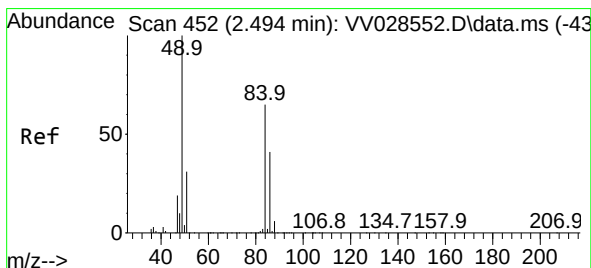
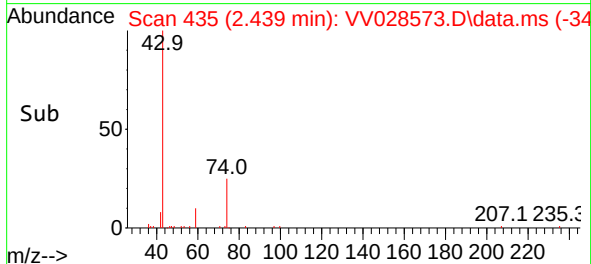
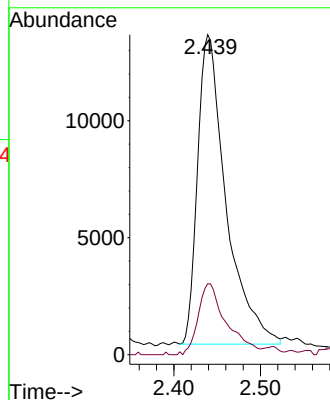
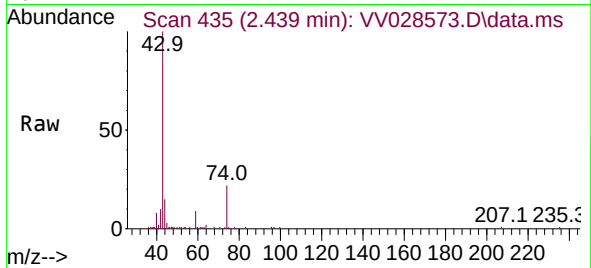




#15
Methyl Acetate
Concen: 4.536 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

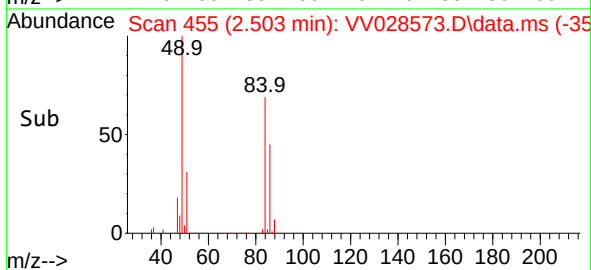
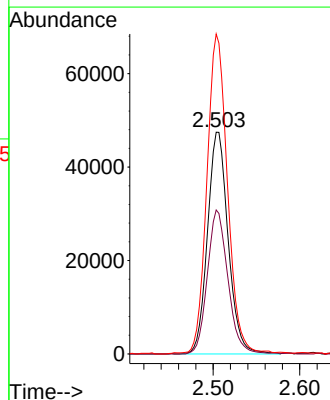
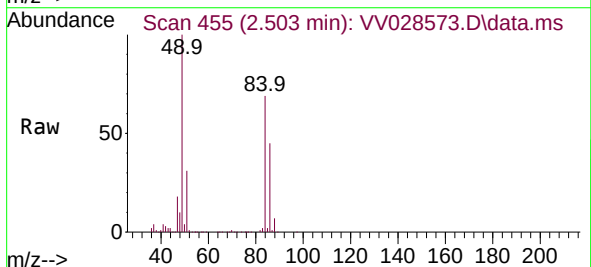
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

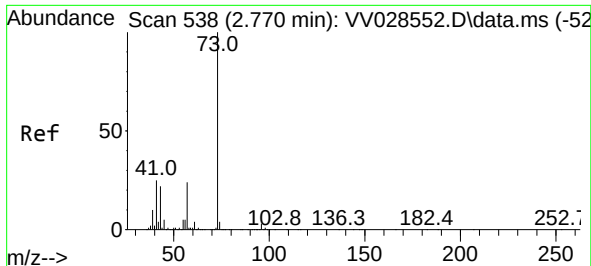
Tgt Ion: 43 Resp: 30269
Ion Ratio Lower Upper
43 100
74 22.9 13.8 20.6#



#16
Methylene chloride
Concen: 4.142 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.010 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 84 Resp: 78868
Ion Ratio Lower Upper
84 100
86 64.9 42.8 79.6
49 144.2 106.4 197.6





#17

Methyl tert-butyl Ether

Concen: 5.051 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

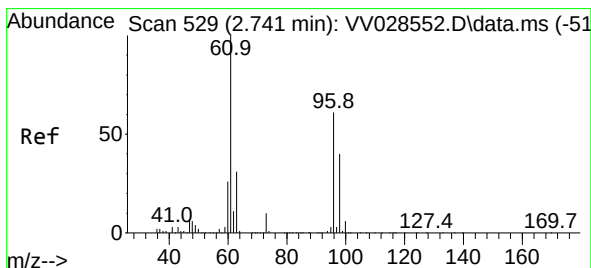
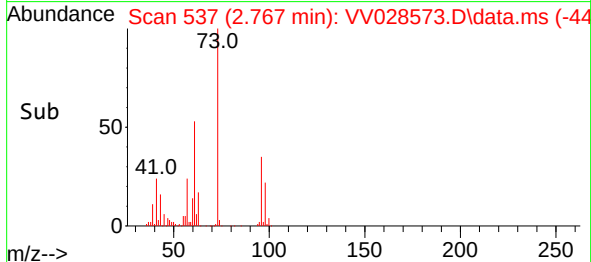
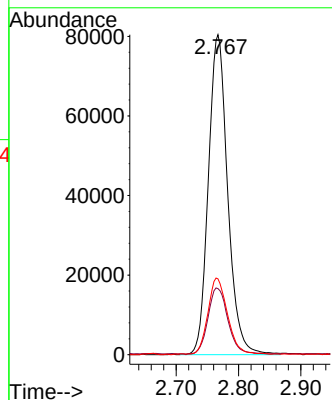
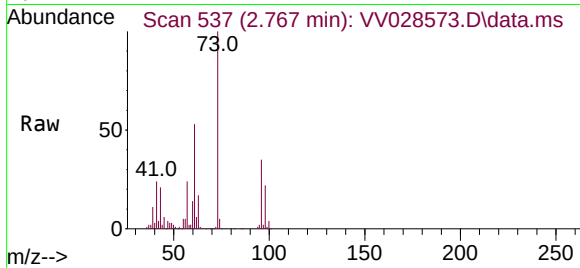
Tgt Ion: 73 Resp: 173155

Ion Ratio Lower Upper

73 100

43 22.0 18.2 27.2

57 23.7 19.5 29.3



#18

trans-1,2-Dichloroethene

Concen: 4.881 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.016 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

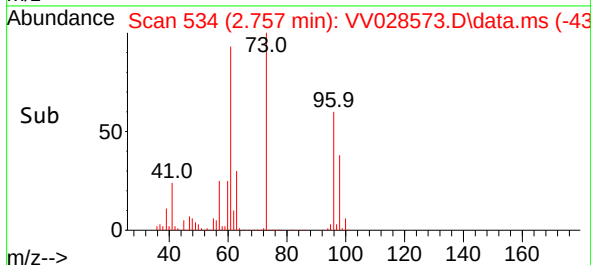
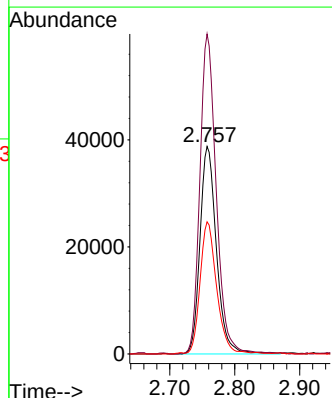
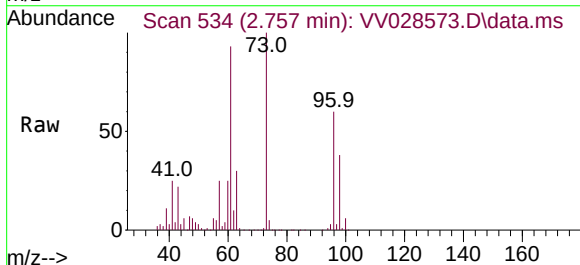
Tgt Ion: 96 Resp: 68713

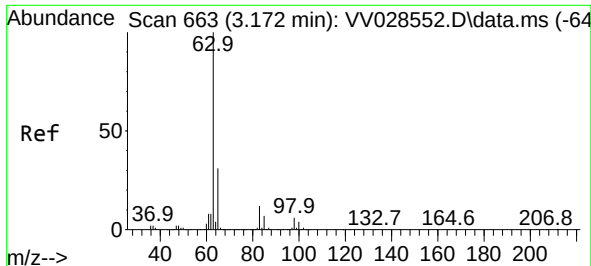
Ion Ratio Lower Upper

96 100

61 154.2 111.2 206.6

98 63.7 42.9 79.7





#19

1,1-Dichloroethane

Concen: 4.788 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.013 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

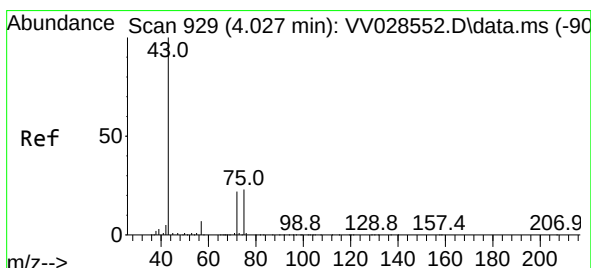
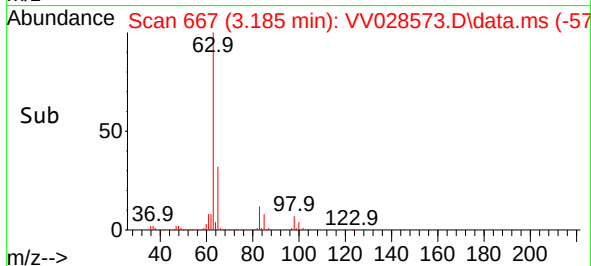
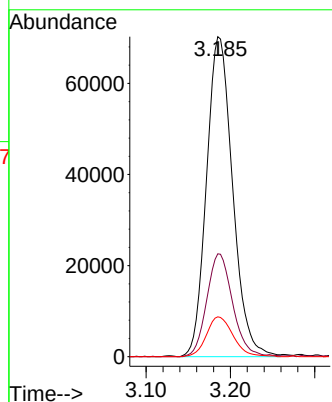
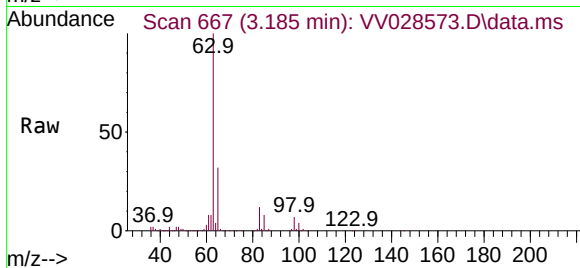
Tgt Ion: 63 Resp: 151668

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.5

83 12.4 8.5 15.7



#21

2-Butanone

Concen: 48.682 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.048 min

Lab File: VV028573.D

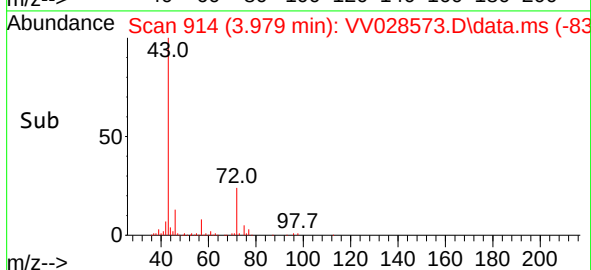
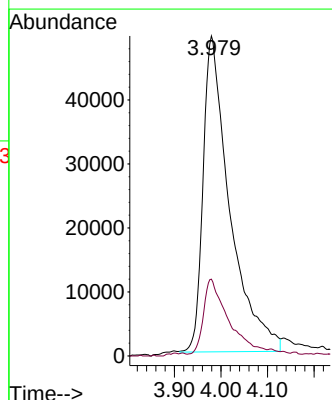
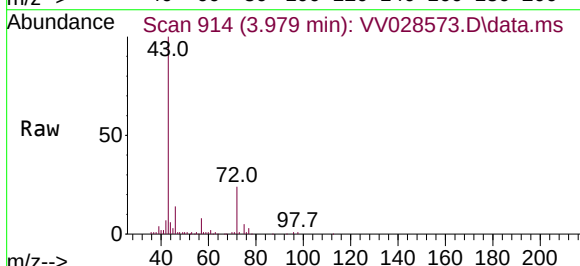
Acq: 15 Oct 2022 01:12

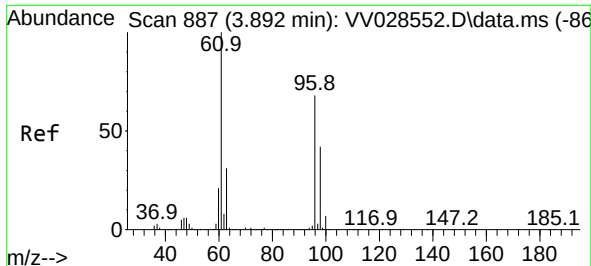
Tgt Ion: 43 Resp: 196651

Ion Ratio Lower Upper

43 100

72 22.0 11.1 33.3

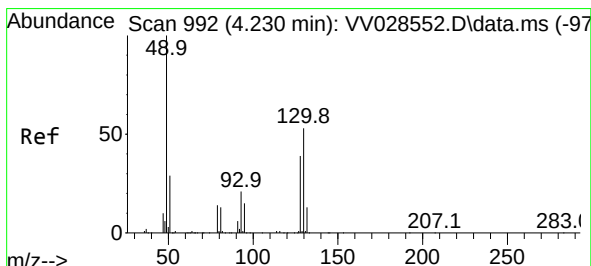
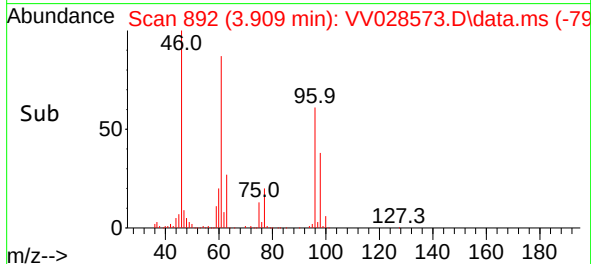
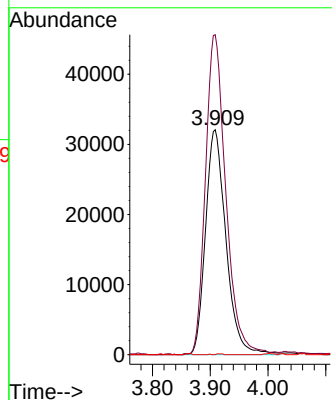
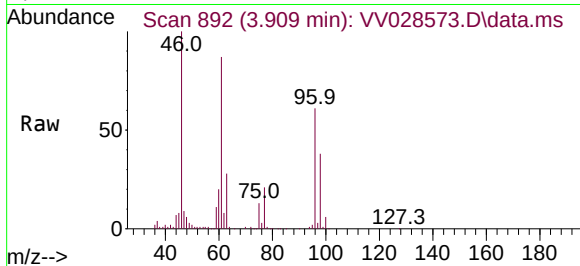




#22
 cis-1,2-Dichloroethene
 Concen: 4.966 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.016 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

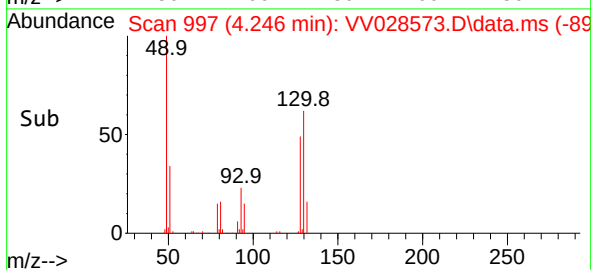
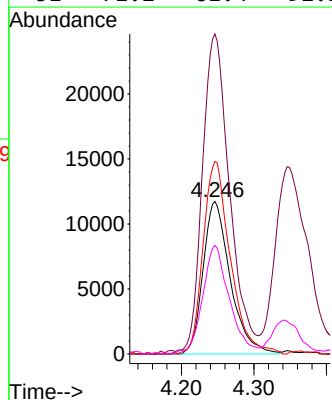
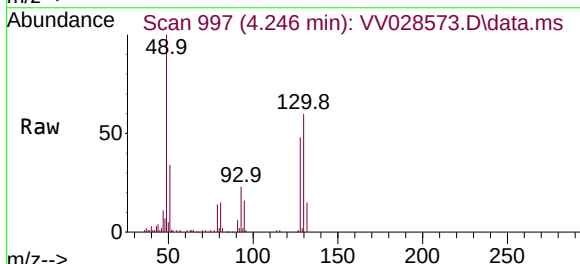
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

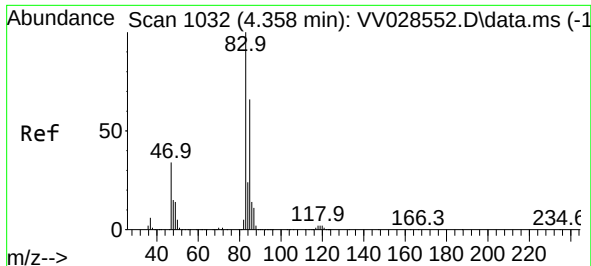
Tgt Ion: 96 Resp: 79025
 Ion Ratio Lower Upper
 96 100
 61 142.3 105.1 195.3
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.999 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.016 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion: 128 Resp: 30507
 Ion Ratio Lower Upper
 128 100
 49 209.9 165.8 308.0
 130 126.3 88.8 165.0
 51 71.2 61.4 92.2





#25

Chloroform

Concen: 4.988 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

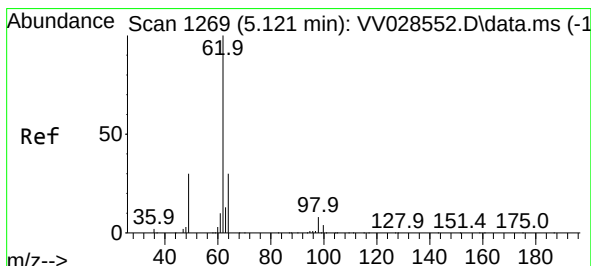
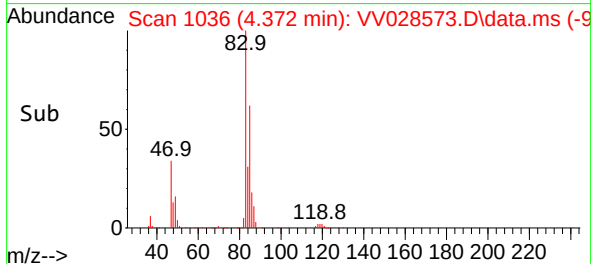
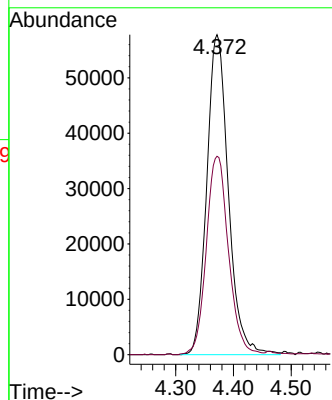
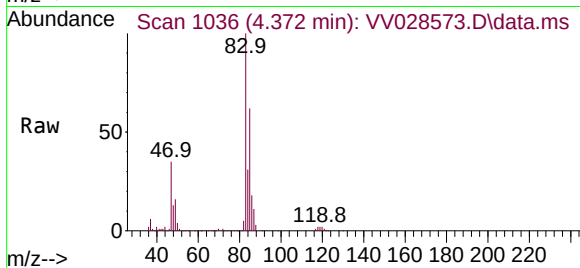
VSTD005324

Tgt Ion: 83 Resp: 149742

Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 4.764 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.010 min

Lab File: VV028573.D

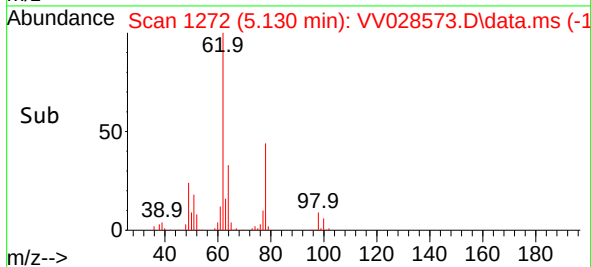
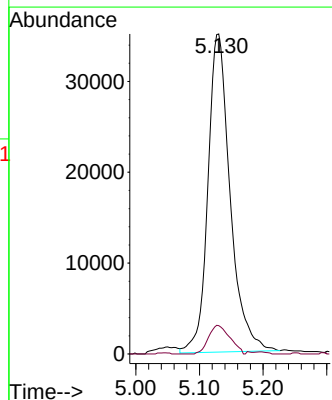
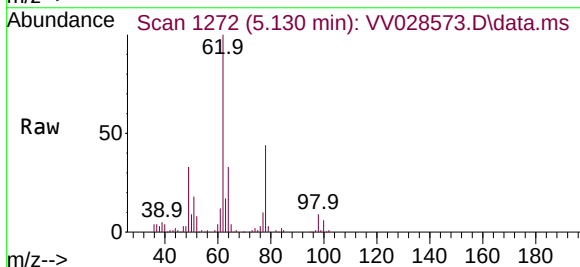
Acq: 15 Oct 2022 01:12

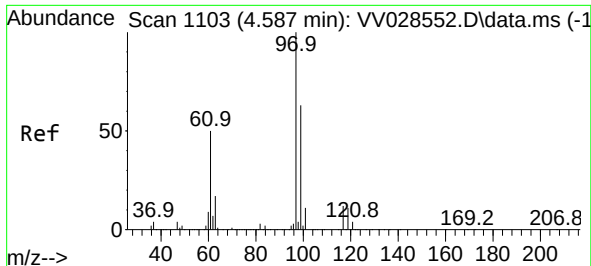
Tgt Ion: 62 Resp: 85143

Ion Ratio Lower Upper

62 100

98 8.9 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 4.034 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.016 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

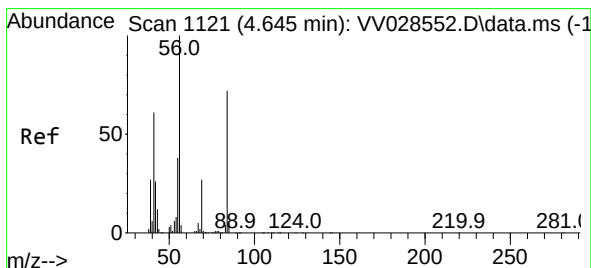
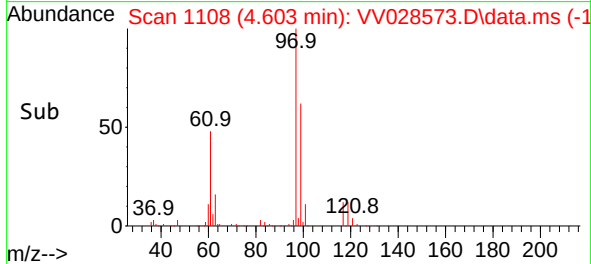
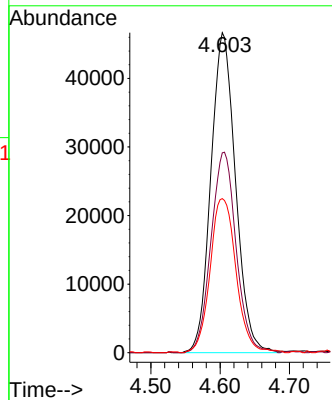
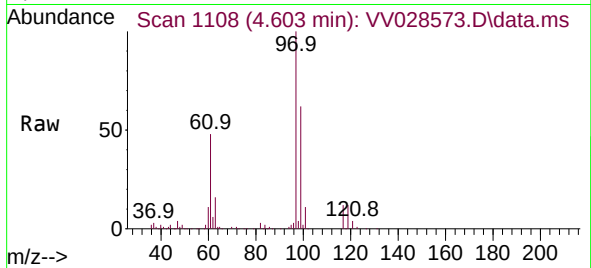
Tgt Ion: 97 Resp: 115398

Ion Ratio Lower Upper

97 100

99 63.9 52.6 78.8

61 50.7 42.1 63.1



#30

Cyclohexane

Concen: 3.841 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.029 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

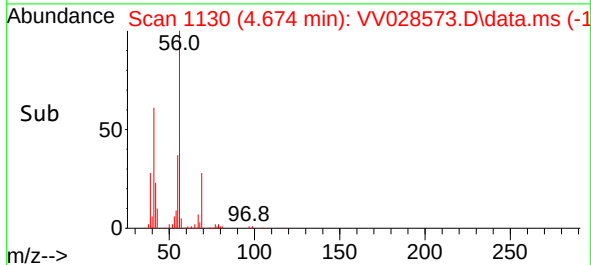
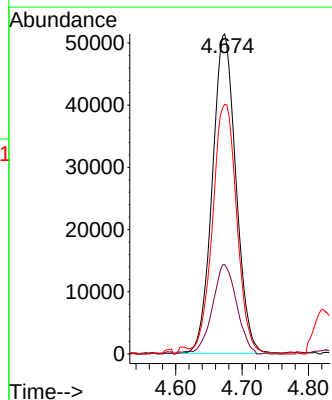
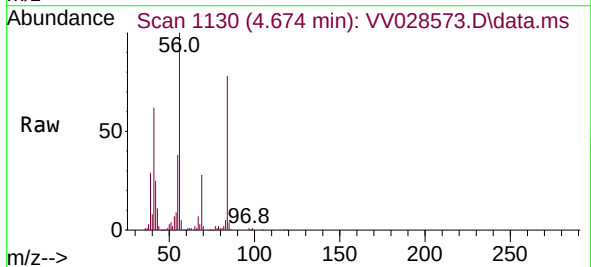
Tgt Ion: 56 Resp: 126874

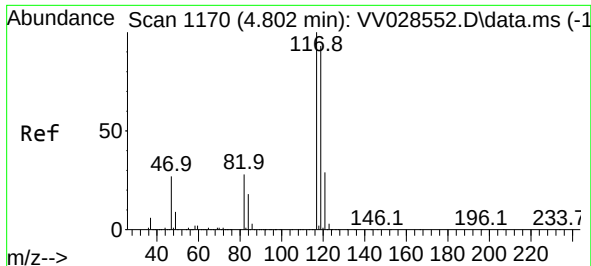
Ion Ratio Lower Upper

56 100

69 29.1 22.4 33.6

84 80.7 60.1 90.1

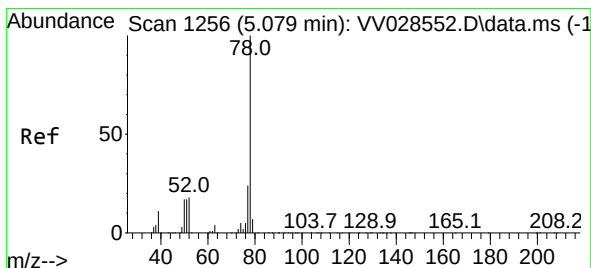
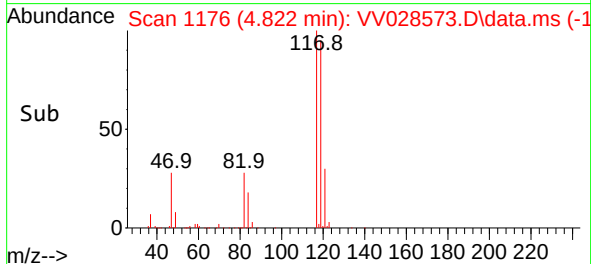
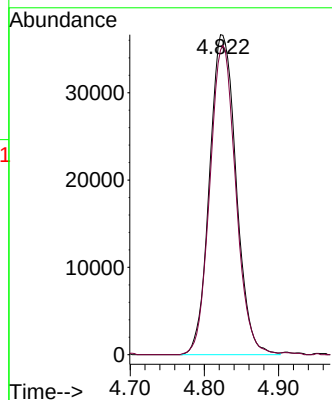
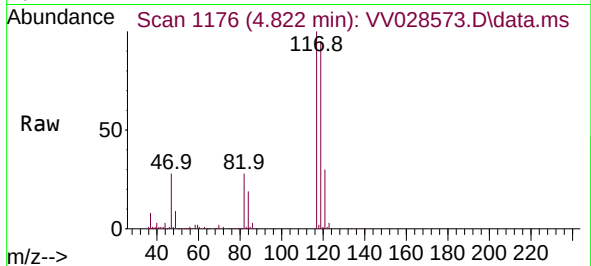




#31
Carbon tetrachloride
Concen: 4.063 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.019 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

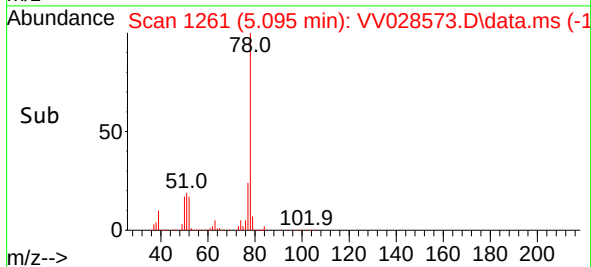
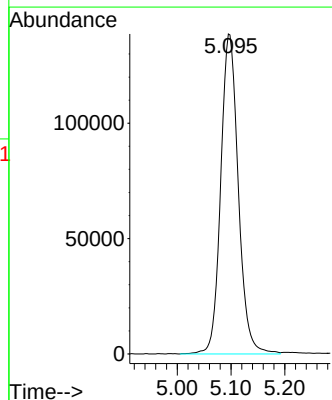
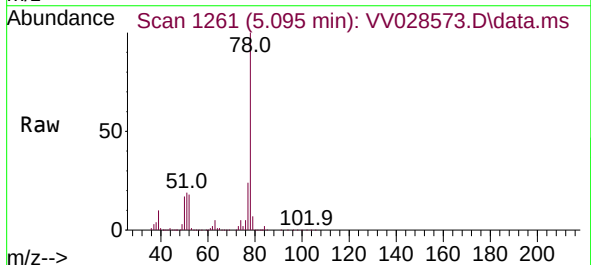
Instrument : MSVOA_V
ClientSampleId : VSTD005324

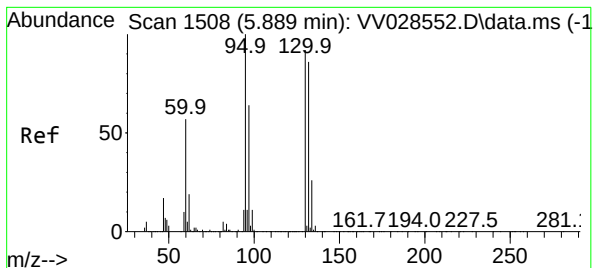
Tgt Ion:117 Resp: 91385
Ion Ratio Lower Upper
117 100
119 93.9 75.5 113.3



#33
Benzene
Concen: 4.306 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.016 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 78 Resp: 314924





#34

Trichloroethene

Concen: 4.317 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

Tgt Ion: 95 Resp: 75403

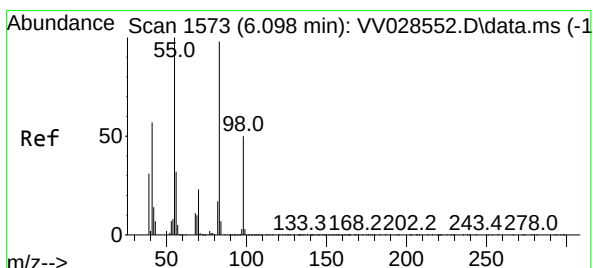
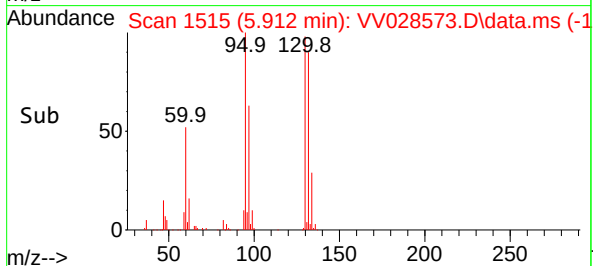
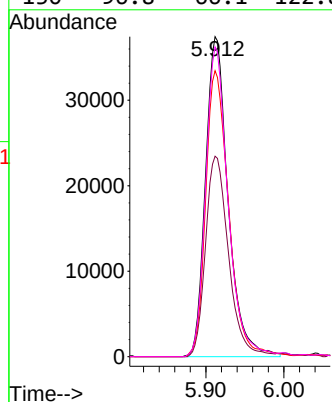
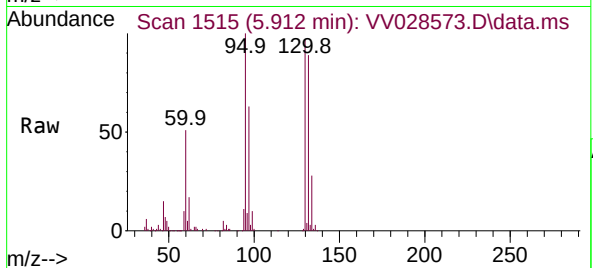
Ion Ratio Lower Upper

95 100

97 62.6 46.2 85.8

132 89.3 65.1 120.9

130 96.8 66.1 122.8



#35

Methylcyclohexane

Concen: 4.183 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.029 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

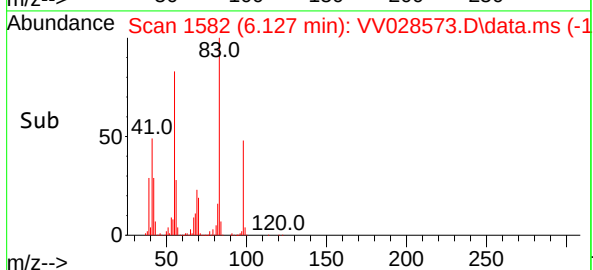
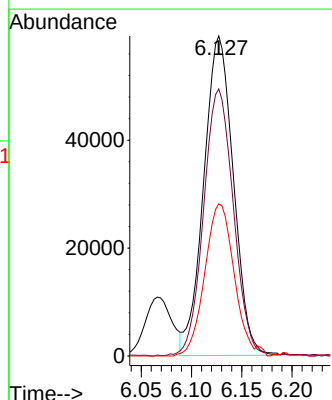
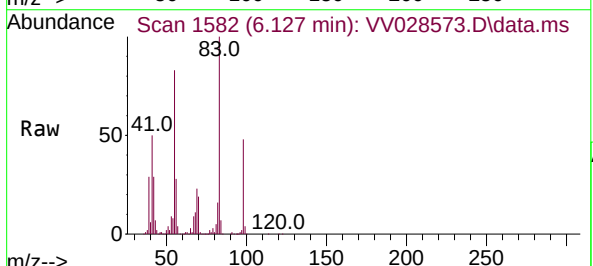
Tgt Ion: 83 Resp: 121631

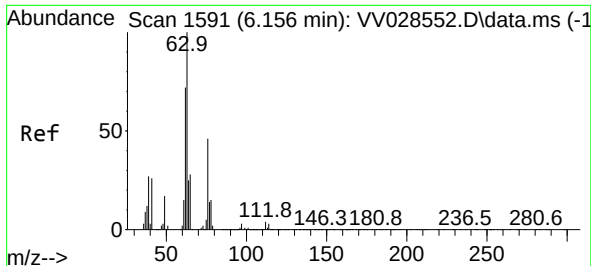
Ion Ratio Lower Upper

83 100

55 84.0 65.0 97.6

98 47.3 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.590 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

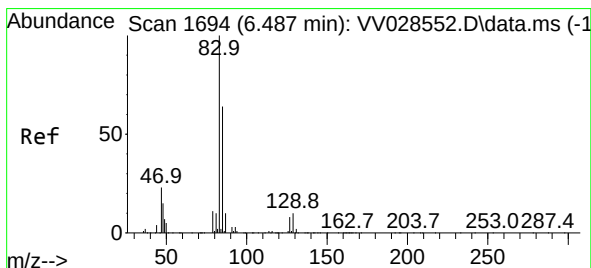
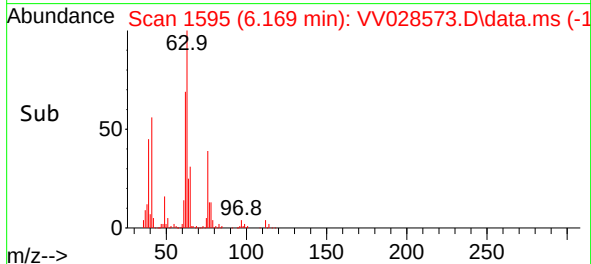
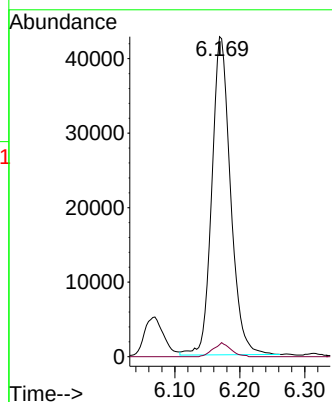
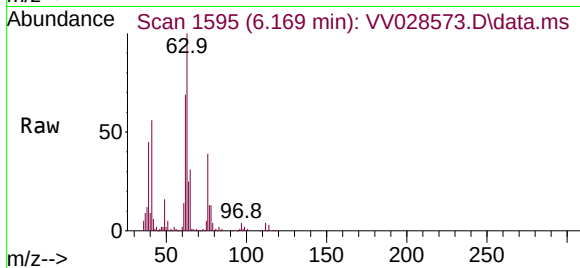
VSTD005324

Tgt Ion: 63 Resp: 85432

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 4.437 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.019 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

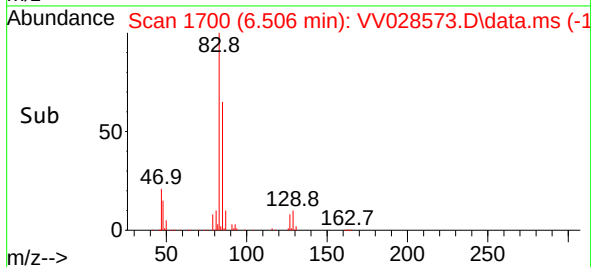
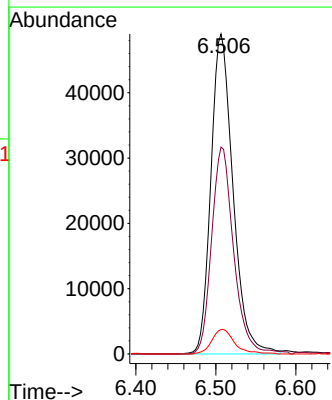
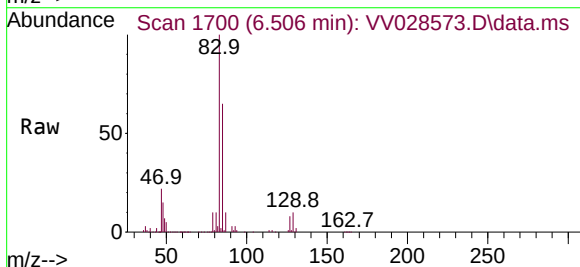
Tgt Ion: 83 Resp: 94168

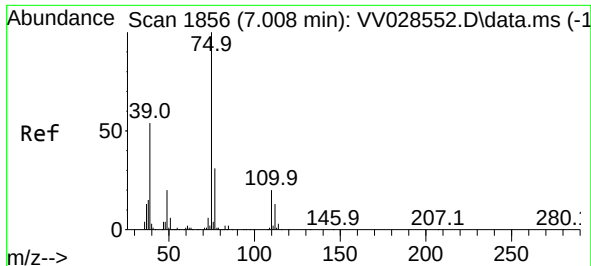
Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0

127 7.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.378 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.016 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

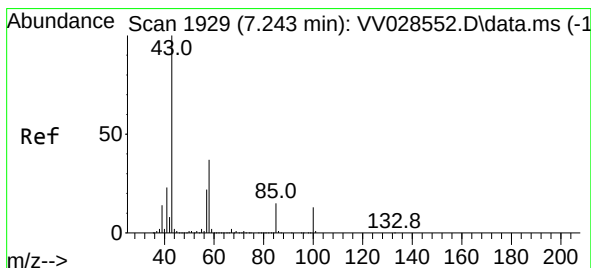
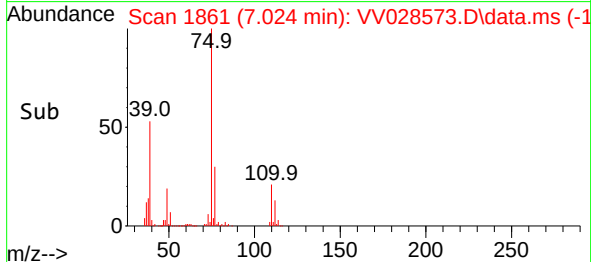
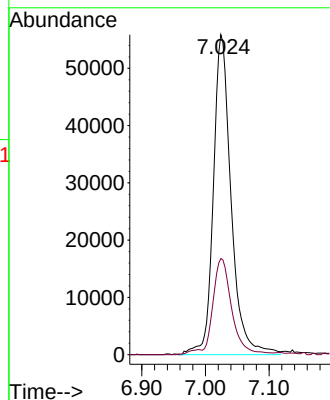
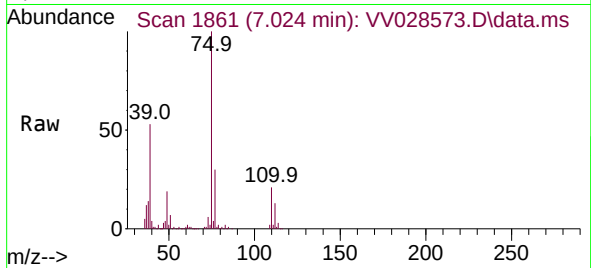
VSTD005324

Tgt Ion: 75 Resp: 108549

Ion Ratio Lower Upper

75 100

77 30.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.963 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.019 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

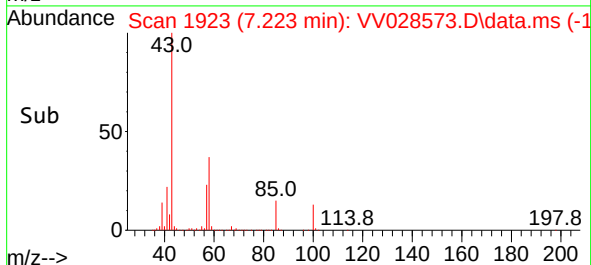
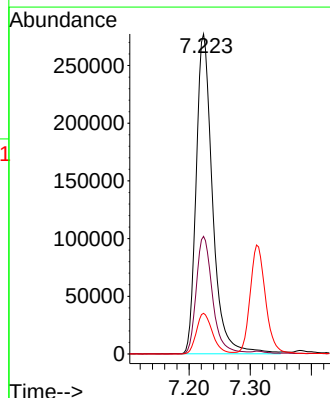
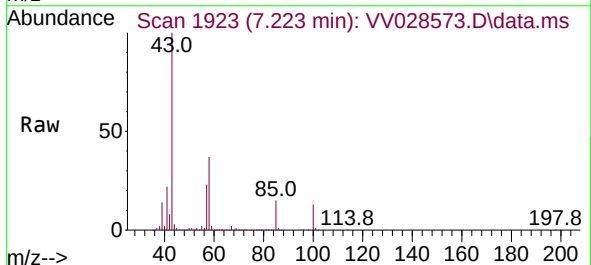
Tgt Ion: 43 Resp: 516505

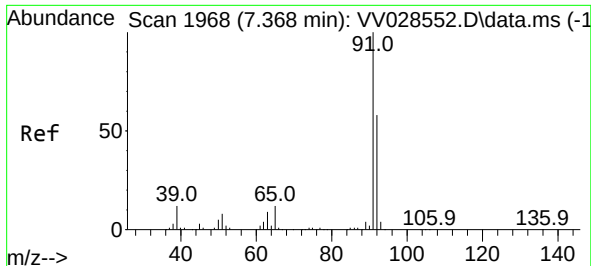
Ion Ratio Lower Upper

43 100

58 36.7 29.3 43.9

100 12.6 10.0 15.0





#42

Toluene

Concen: 4.656 ug/L

RT: 7.384 min Scan# 1968

Delta R.T. 0.016 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

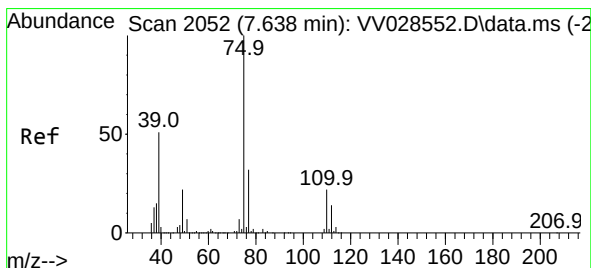
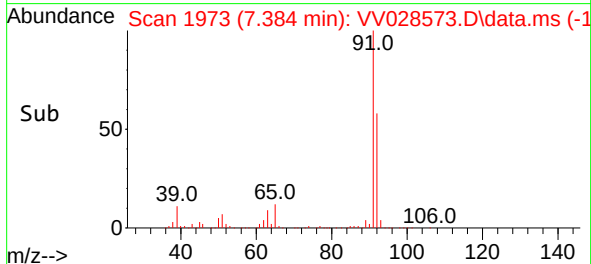
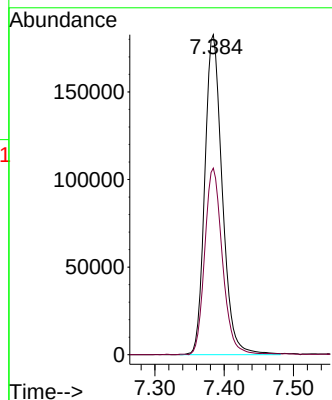
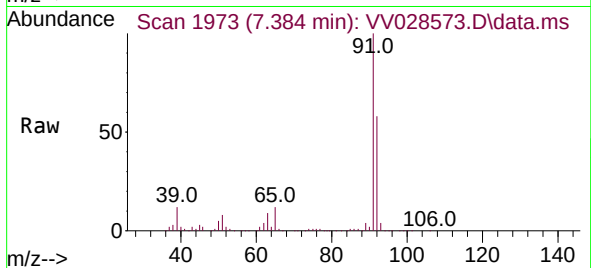
VSTD005324

Tgt Ion: 91 Resp: 319471

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.477 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.010 min

Lab File: VV028573.D

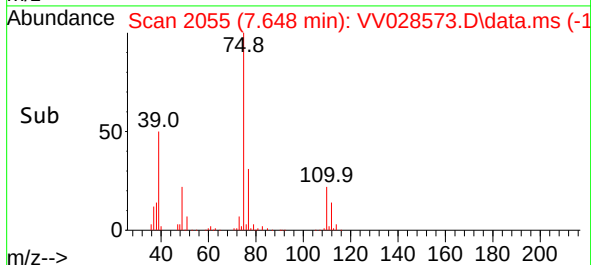
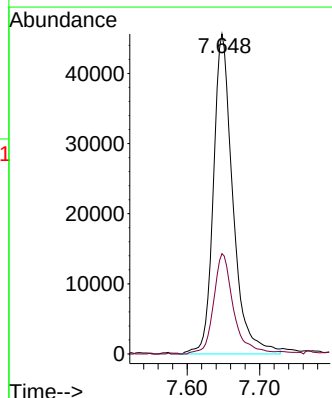
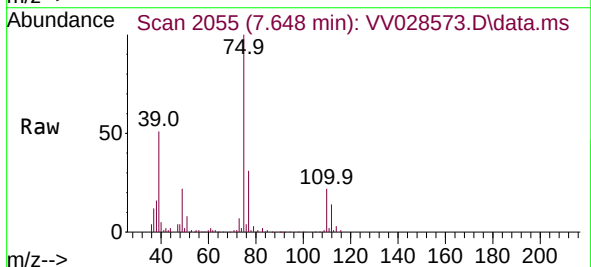
Acq: 15 Oct 2022 01:12

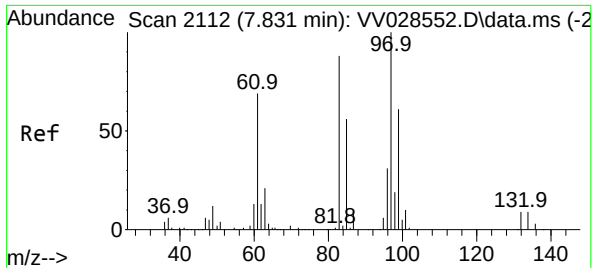
Tgt Ion: 75 Resp: 85119

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3

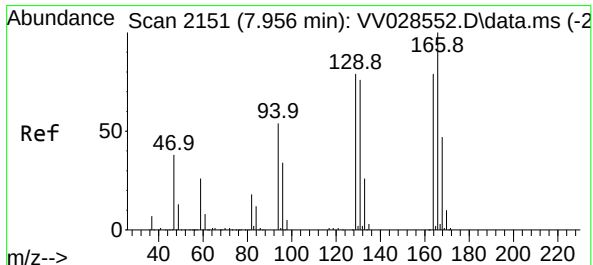
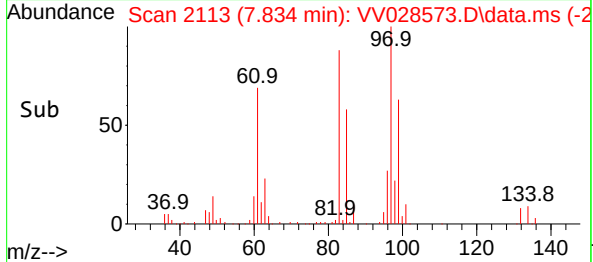
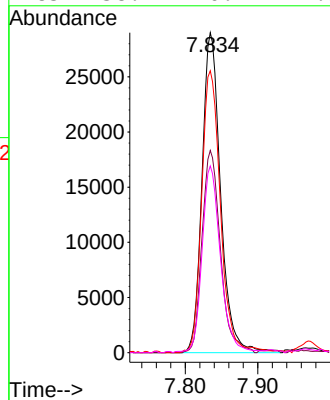
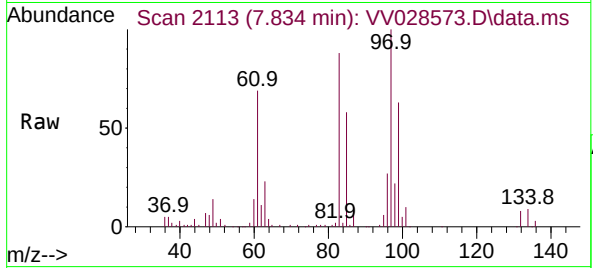




#45
1,1,2-Trichloroethane
Concen: 4.990 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

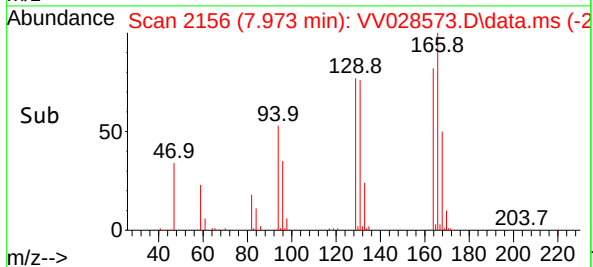
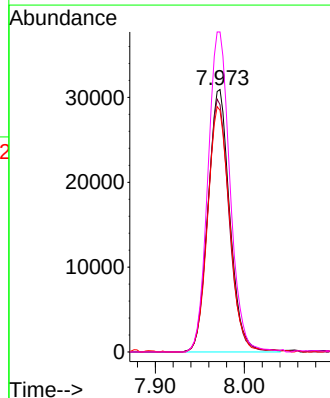
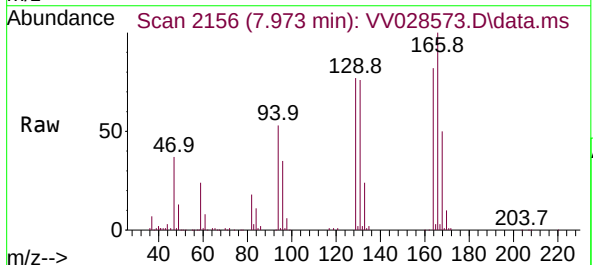
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

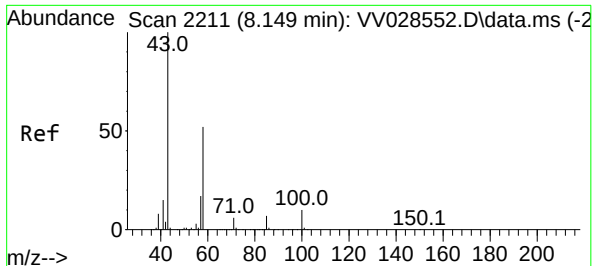
Tgt Ion:	97	Resp:	51622
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.4	82.4
83	88.1	63.1	117.1
85	58.4	40.1	74.5



#47
Tetrachloroethene
Concen: 4.627 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.016 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion:	164	Resp:	52600
Ion	Ratio	Lower	Upper
164	100		
129	94.2	69.3	128.7
131	92.1	67.3	125.1
166	121.9	88.5	164.4

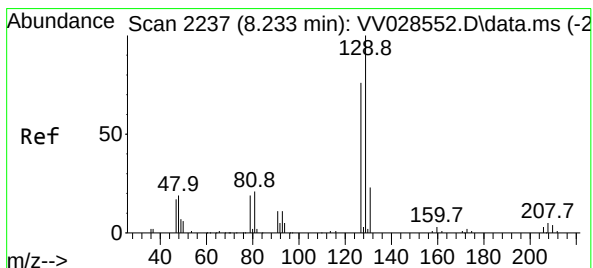
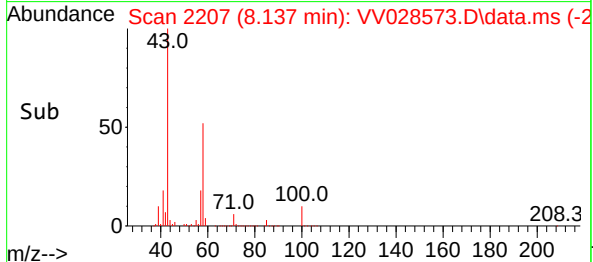
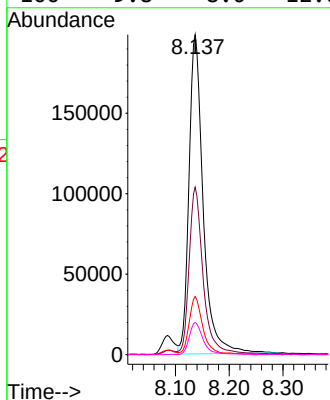
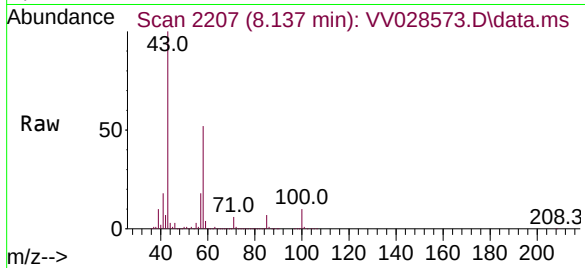




#48
2-Hexanone
Concen: 51.998 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

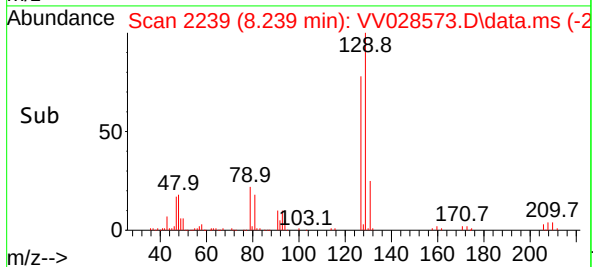
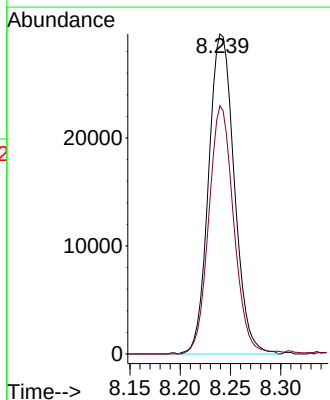
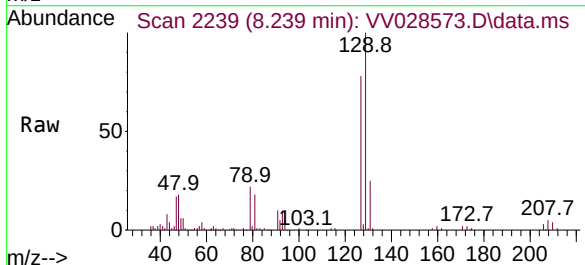
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

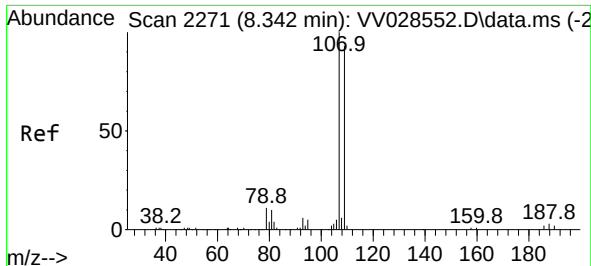
Tgt Ion: 43 Resp: 364517
Ion Ratio Lower Upper
43 100
58 51.6 42.5 63.7
57 17.4 14.5 21.7
100 9.8 8.0 12.0



#49
Dibromochloromethane
Concen: 4.769 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.007 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 129 Resp: 52621
Ion Ratio Lower Upper
129 100
127 77.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.094 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

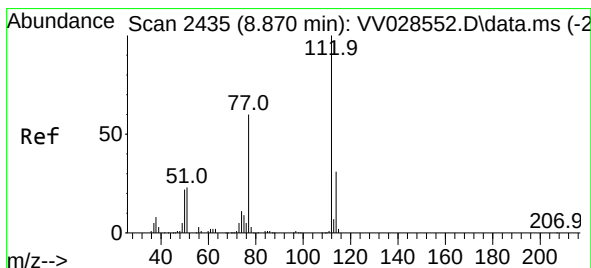
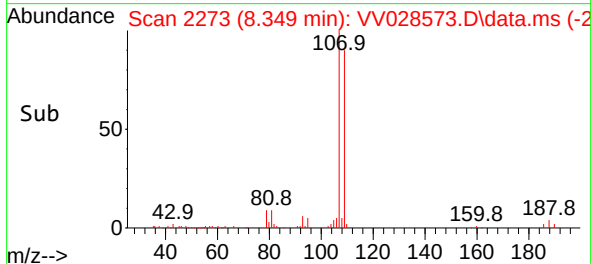
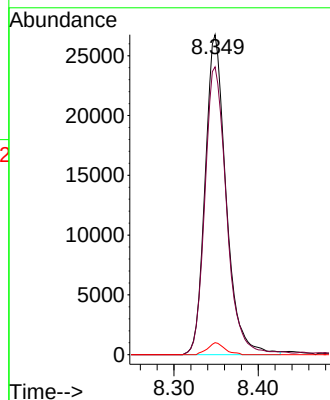
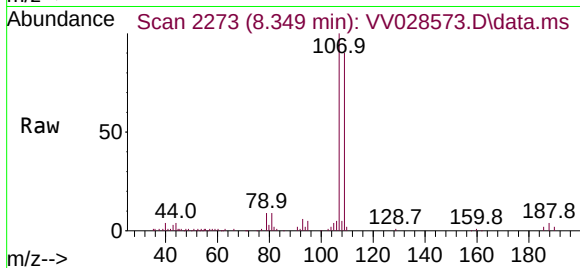
Tgt Ion:107 Resp: 46404

Ion Ratio Lower Upper

107 100

109 90.0 64.1 119.1

188 3.8 3.3 4.9



#51

Chlorobenzene

Concen: 4.686 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.007 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

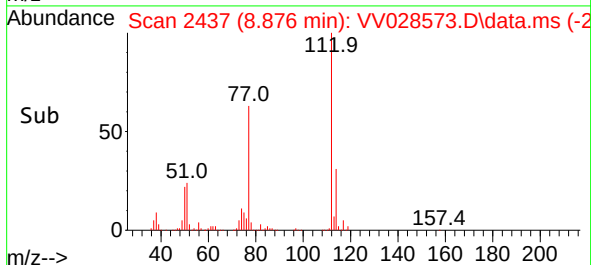
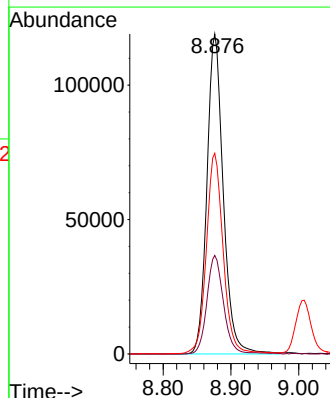
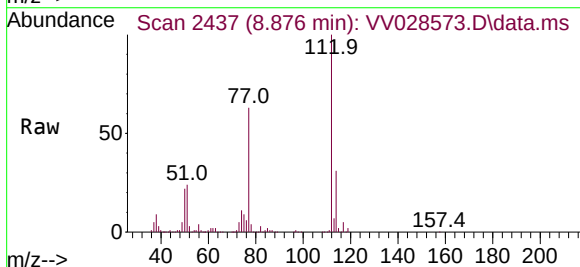
Tgt Ion:112 Resp: 199329

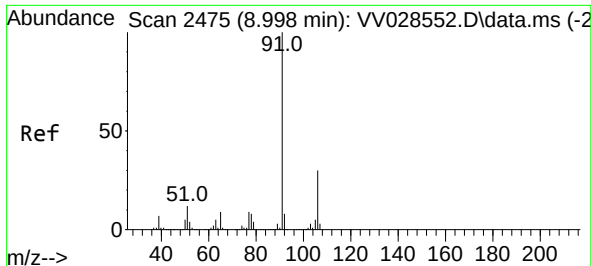
Ion Ratio Lower Upper

112 100

114 30.8 22.4 41.6

77 62.7 50.2 75.2

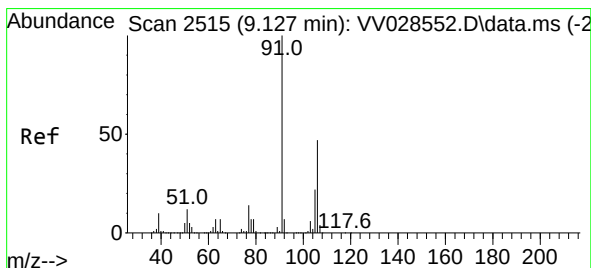
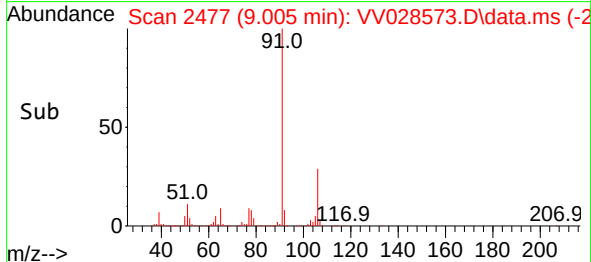
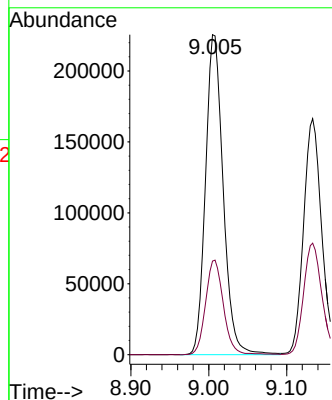
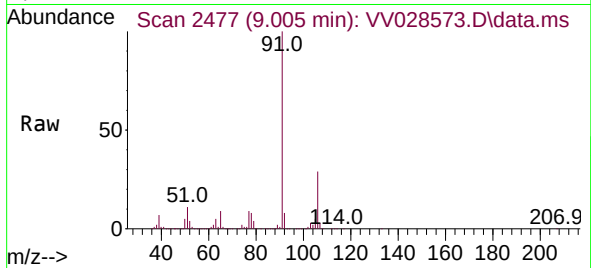




#52
Ethylbenzene
Concen: 4.671 ug/L
RT: 9.005 min Scan# 2475
Delta R.T. 0.007 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

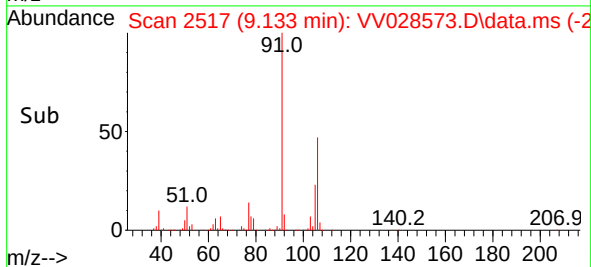
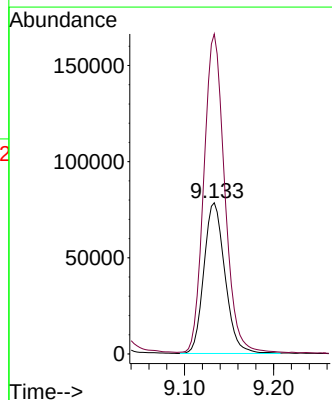
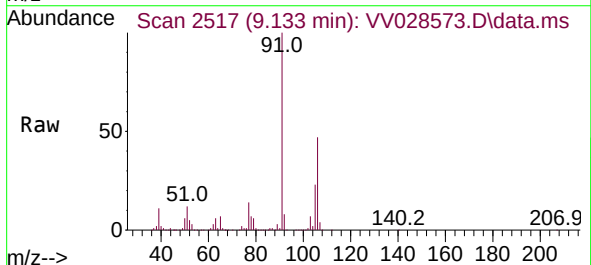
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

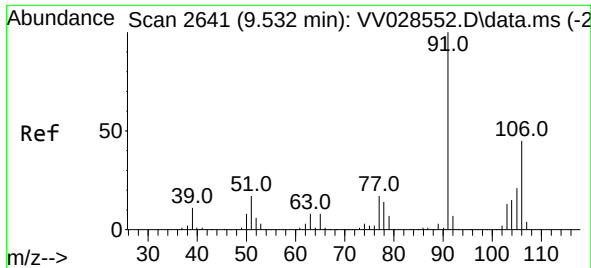
Tgt Ion: 91 Resp: 356010
Ion Ratio Lower Upper
91 100
106 29.2 20.3 37.7



#53
m,p-Xylene
Concen: 4.514 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.007 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 106 Resp: 128700
Ion Ratio Lower Upper
106 100
91 211.6 146.9 272.9

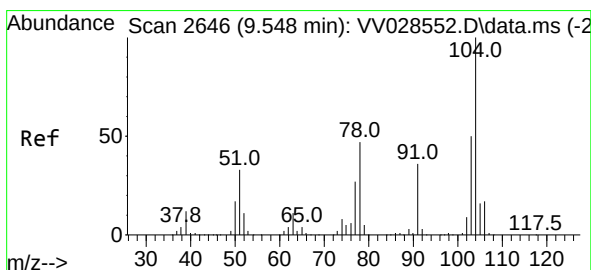
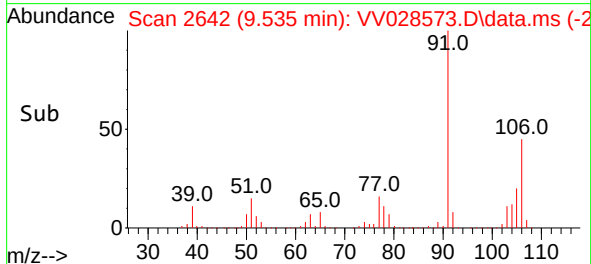
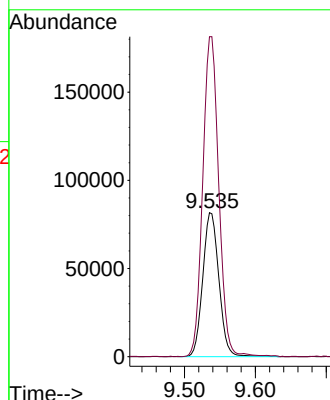
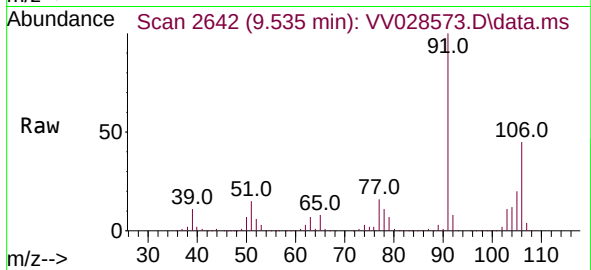




#54
o-Xylene
Concen: 4.669 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

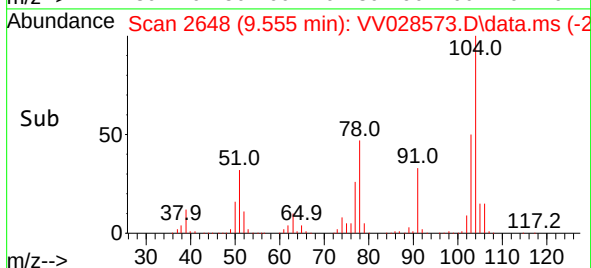
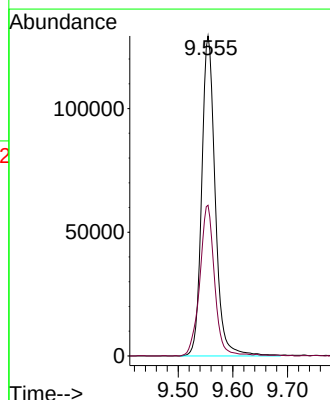
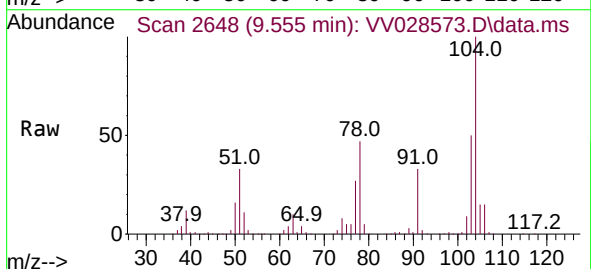
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

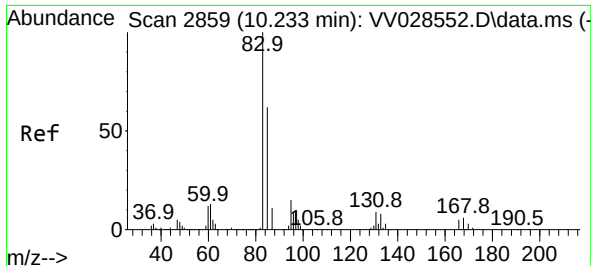
Tgt Ion:106 Resp: 129015
Ion Ratio Lower Upper
106 100
91 222.2 151.4 281.2



#55
Styrene
Concen: 4.756 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.007 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion:104 Resp: 222300
Ion Ratio Lower Upper
104 100
78 47.1 32.3 60.1

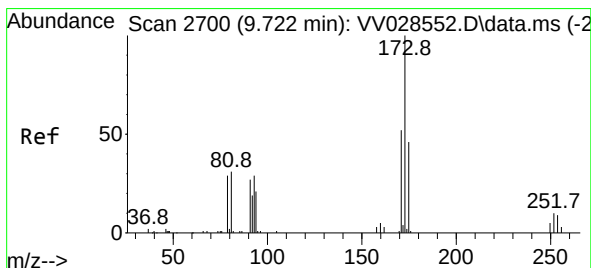
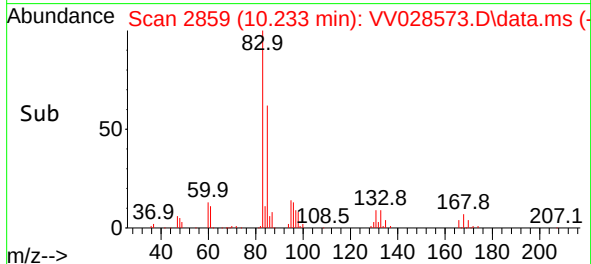
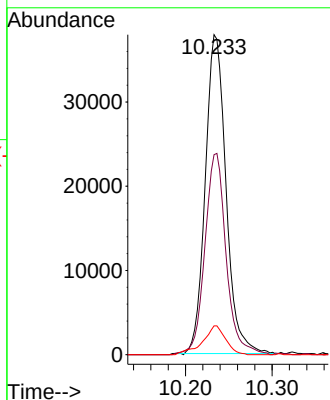
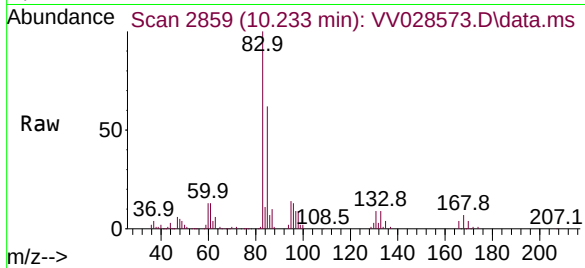




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.966 ug/L
 RT: 10.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

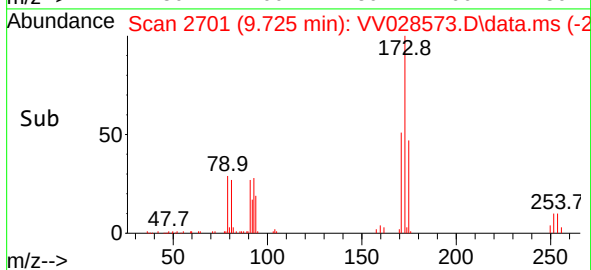
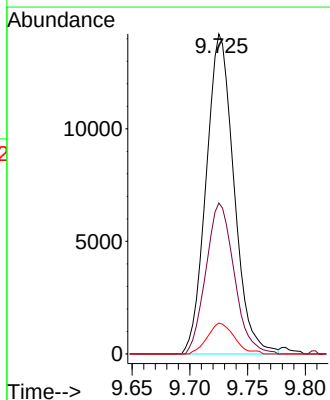
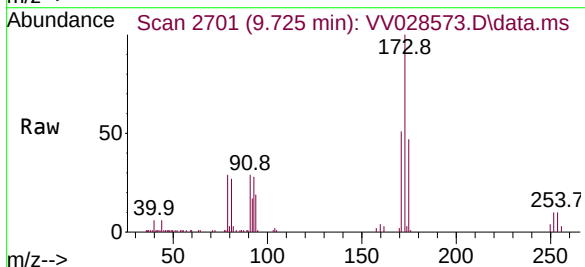
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

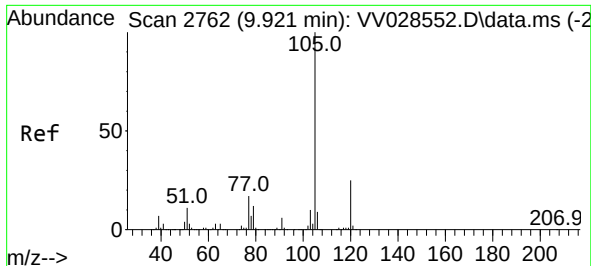
Tgt Ion: 83 Resp: 63136
 Ion Ratio Lower Upper
 83 100
 85 62.5 44.3 82.3
 131 9.0 6.4 9.6



#59
 Bromoform
 Concen: 4.644 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. 0.003 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion: 173 Resp: 23782
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.0
 254 9.4 7.4 11.2

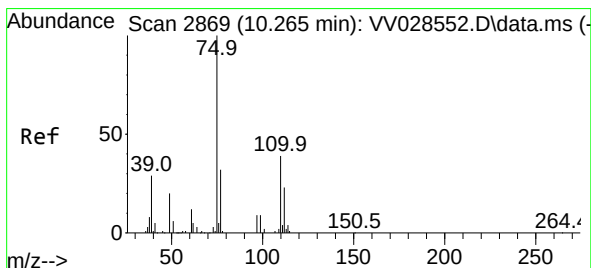
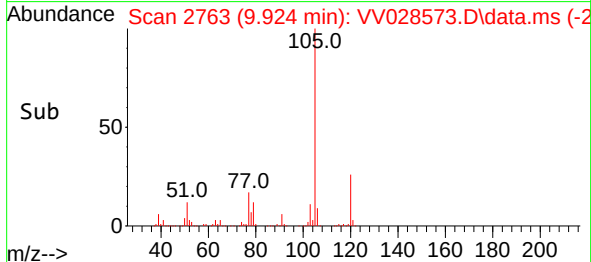
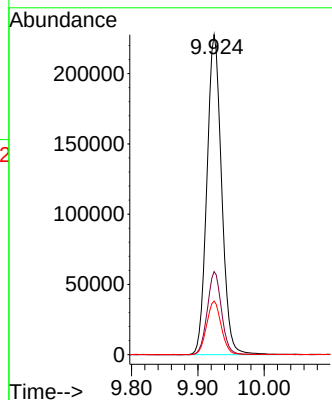
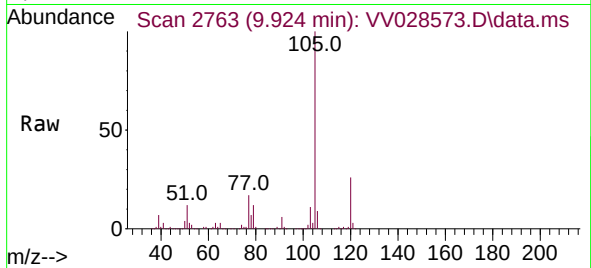




#60
Isopropylbenzene
Concen: 4.712 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

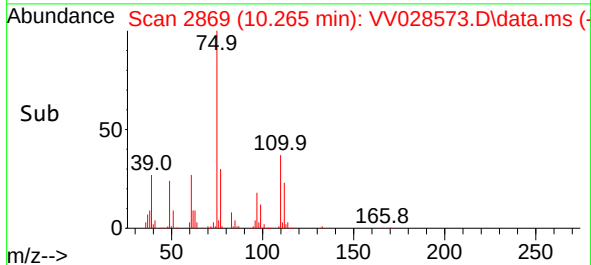
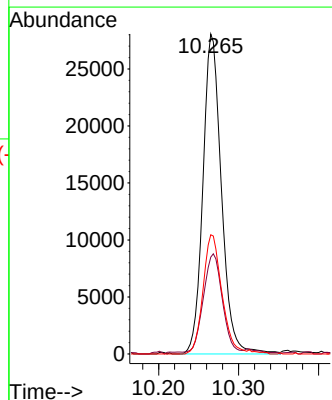
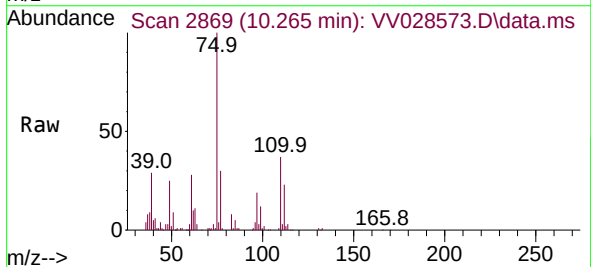
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

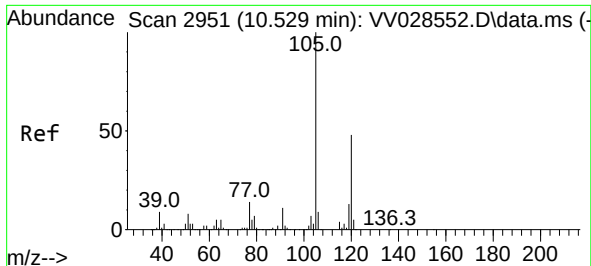
Tgt Ion:105 Resp: 349817
Ion Ratio Lower Upper
105 100
120 25.2 20.7 31.1
77 16.8 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 4.991 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion: 75 Resp: 45353
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
110 37.7 28.3 42.5

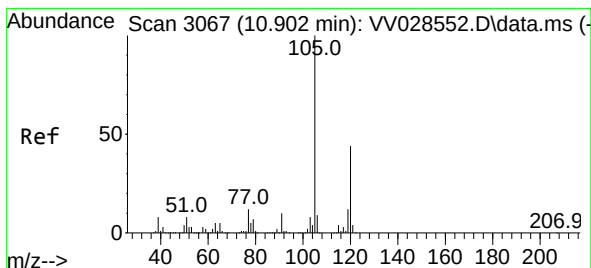
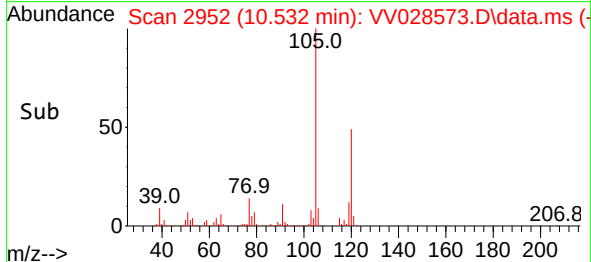
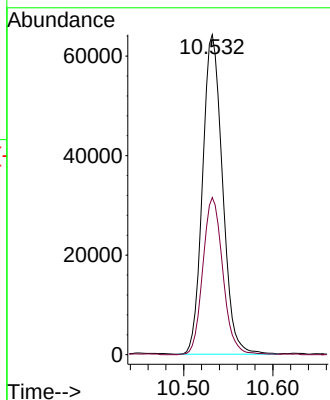
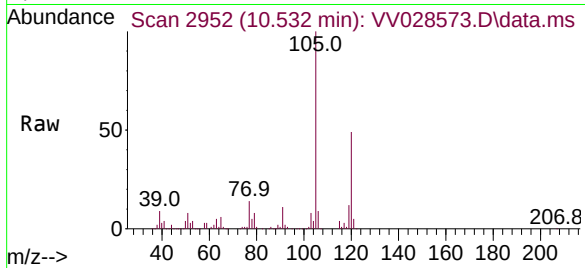




#62
 1,3,5-Trimethylbenzene
 Concen: 4.462 ug/L
 RT: 10.532 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

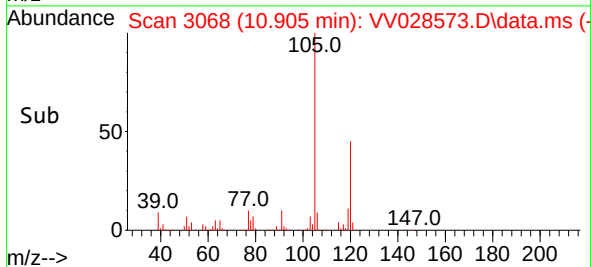
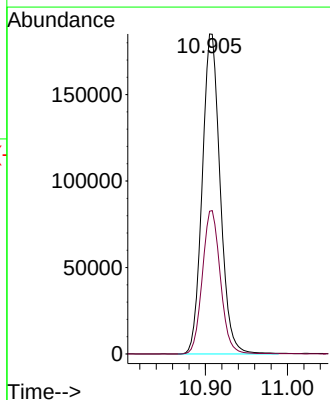
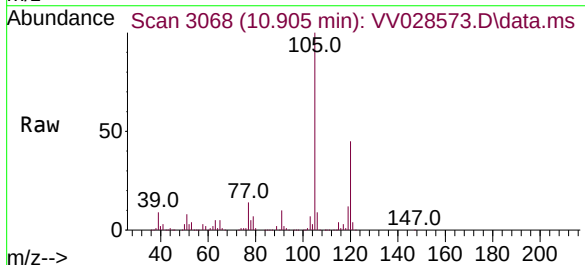
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

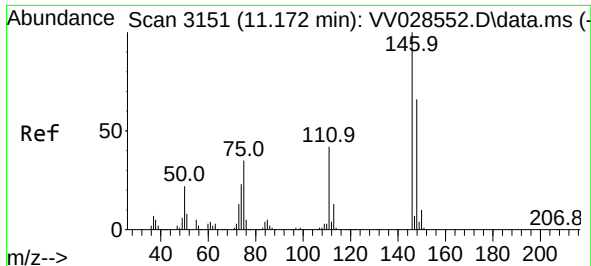
Tgt Ion:105 Resp: 99649
 Ion Ratio Lower Upper
 105 100
 120 49.5 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.614 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.003 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion:105 Resp: 281759
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.6 53.4

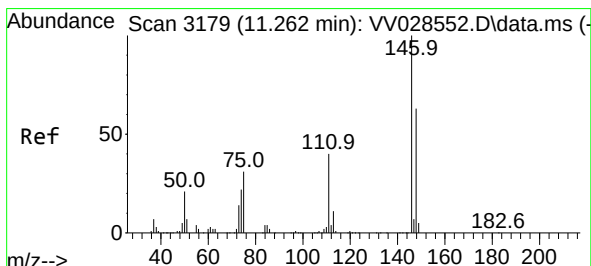
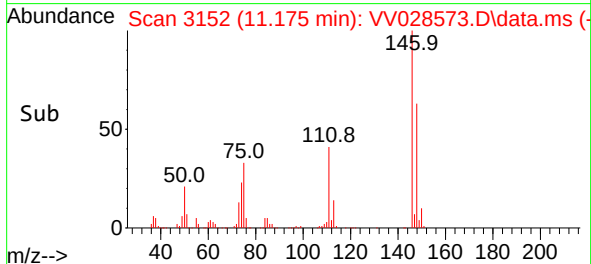
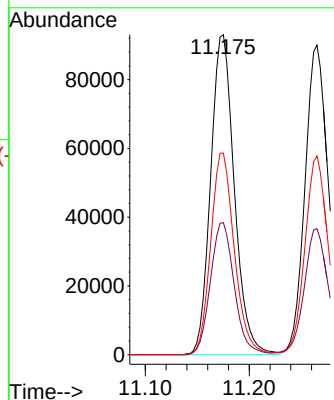
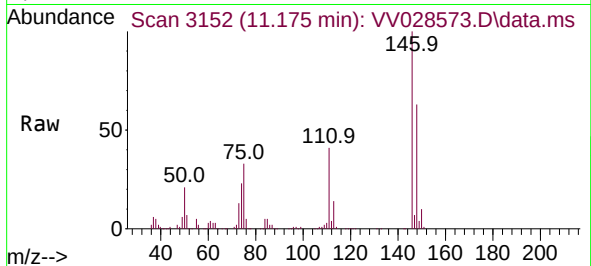




#64
1,3-Dichlorobenzene
Concen: 4.708 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

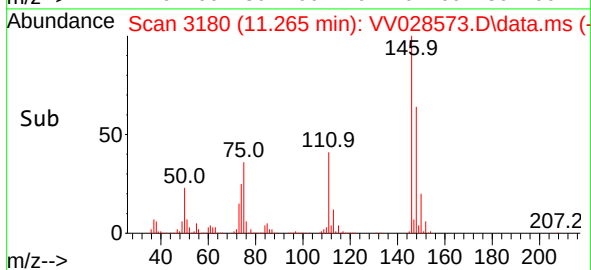
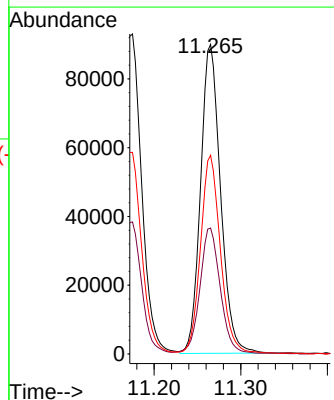
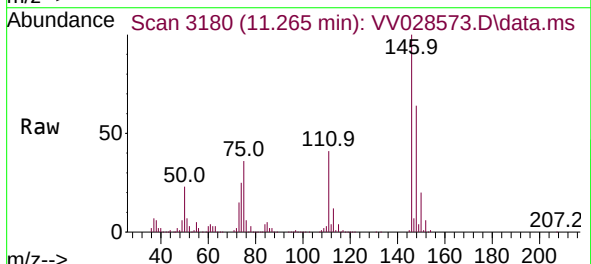
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

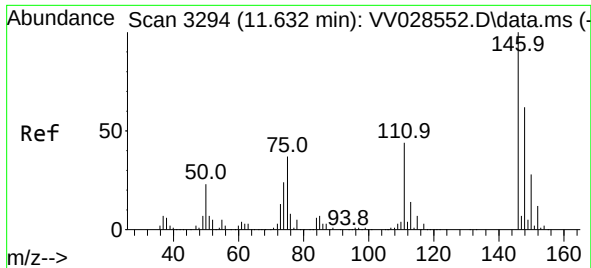
Tgt Ion:146 Resp: 147419
Ion Ratio Lower Upper
146 100
111 41.3 28.5 52.9
148 63.0 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.706 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion:146 Resp: 144456
Ion Ratio Lower Upper
146 100
111 40.6 29.4 54.6
148 64.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 4.703 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

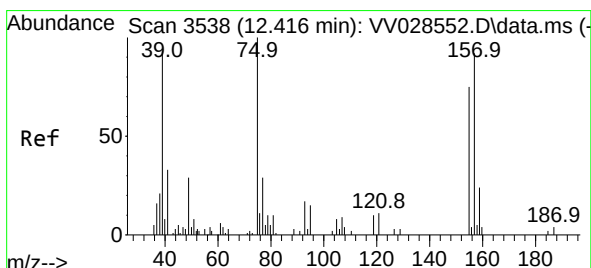
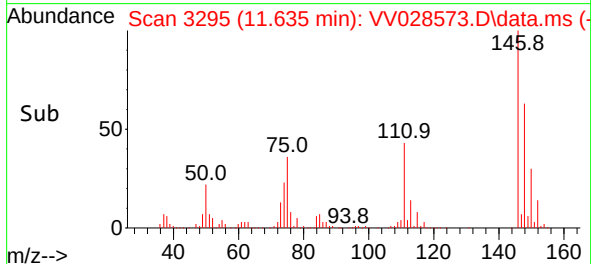
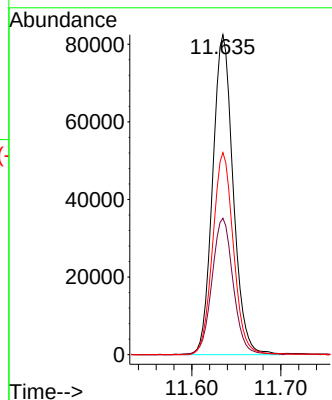
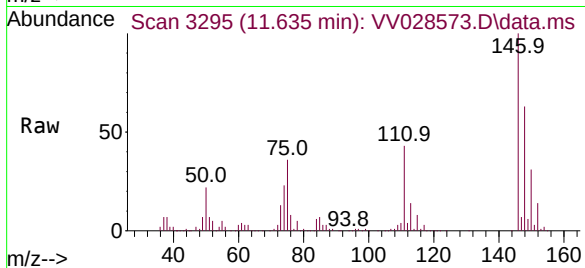
Tgt Ion:146 Resp: 132113

Ion Ratio Lower Upper

146 100

111 42.7 35.7 53.5

148 63.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 3.989 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.003 min

Lab File: VV028573.D

Acq: 15 Oct 2022 01:12

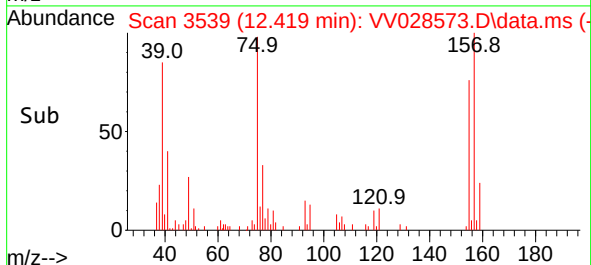
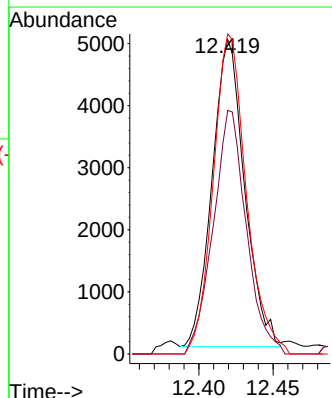
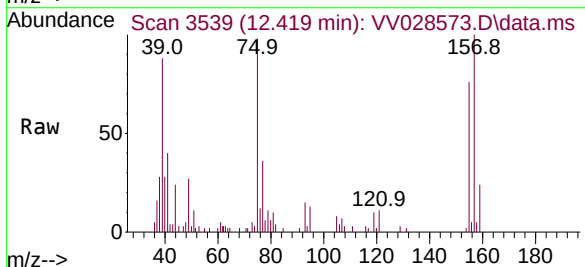
Tgt Ion: 75 Resp: 7525

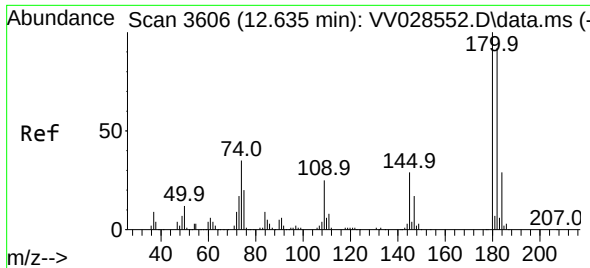
Ion Ratio Lower Upper

75 100

155 77.5 55.2 82.8

157 101.9 68.6 103.0

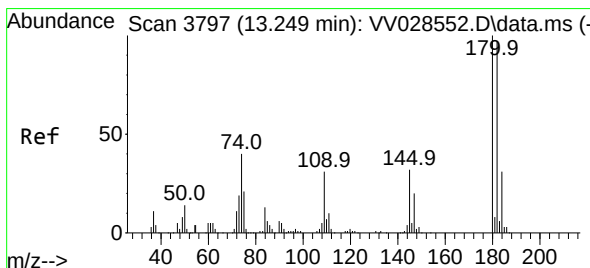
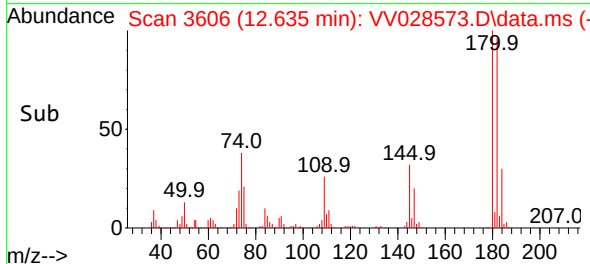
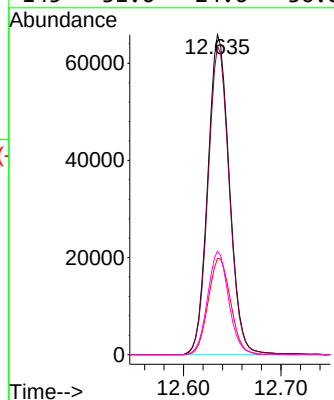
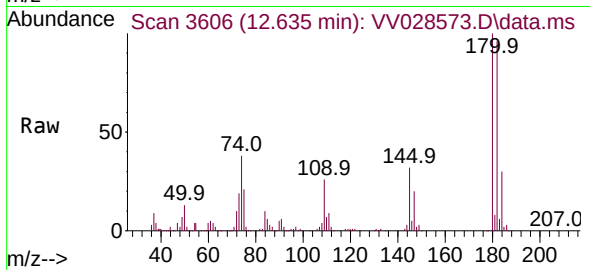




#69
 1,3,5-Trichlorobenzene
 Concen: 4.427 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

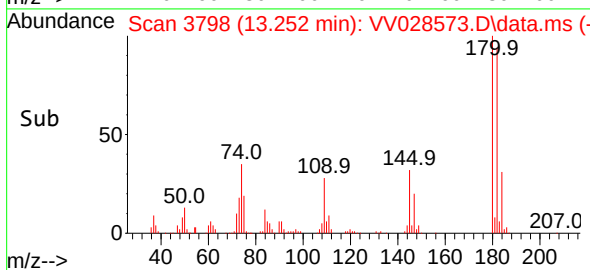
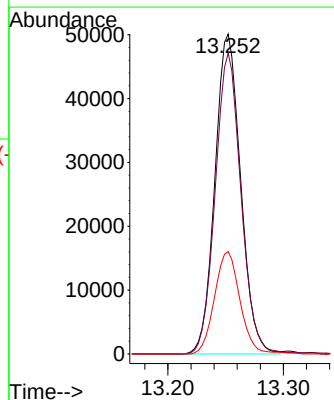
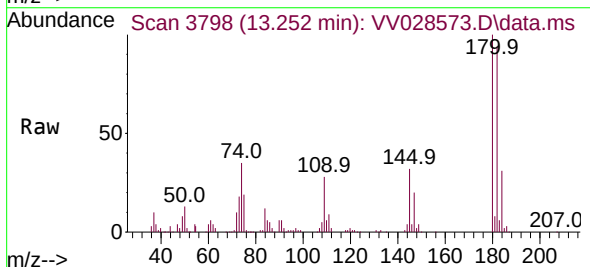
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

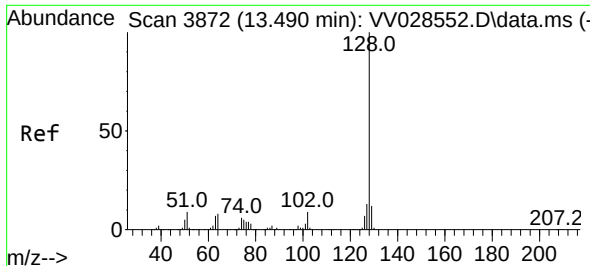
Tgt Ion:180	Resp:	101404
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.6 113.4
184	31.2	23.8 35.8
145	31.6	24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.439 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV028573.D
 Acq: 15 Oct 2022 01:12

Tgt Ion:180	Resp:	77445
Ion Ratio	Lower	Upper
180	100	
182	94.4	74.2 111.2
145	31.8	25.3 37.9

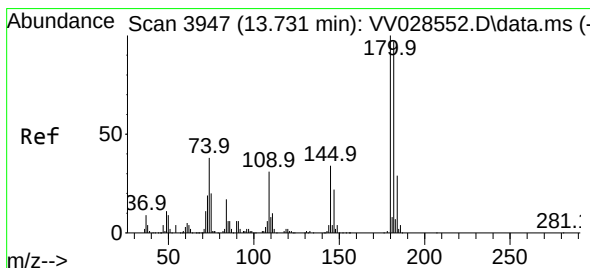
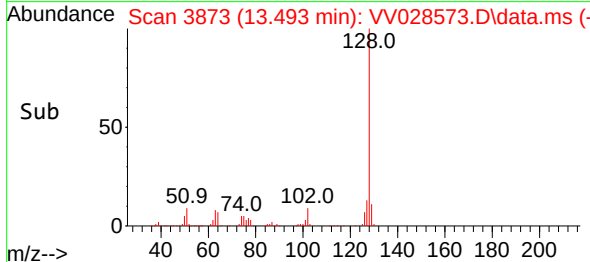
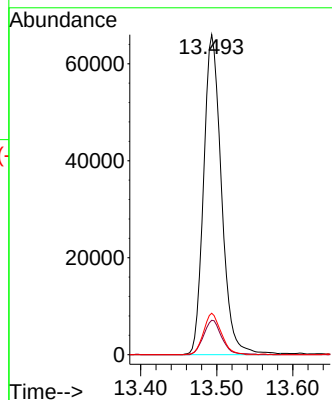
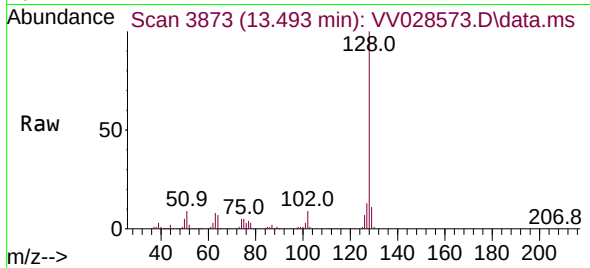




#71
Naphthalene
Concen: 4.118 ug/L
RT: 13.493 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Tgt Ion:128 Resp: 107653
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 4.652 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028573.D
Acq: 15 Oct 2022 01:12

Tgt Ion:180 Resp: 66889
Ion Ratio Lower Upper
180 100
182 94.3 76.3 114.5
145 33.9 25.8 38.8

