

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029342.D
 Acq On : 25 Nov 2022 09:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Nov 25 21:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	287080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	251482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91548	5.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.564	69	67652	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.105	63	141070	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.889	46	122675	41.508	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.020%
24) Chloroform-d	4.336	84	158141	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.021	65	70684	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.040	84	340331	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.059	67	96409	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.307	98	323858	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.612	79	39117	5.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.082	63	129997	48.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63516	5.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	116415	4.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	112974	5.274	ug/L	99
3) Chloromethane	1.240	50	104476	5.323	ug/L	100
5) Vinyl chloride	1.310	62	104971	5.368	ug/L	99
6) Bromomethane	1.519	94	56920	4.664	ug/L	100
8) Chloroethane	1.584	64	60670	5.220	ug/L	99
9) Trichlorofluoromethane	1.751	101	137523	5.024	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78164	5.121	ug/L	99
12) 1,1-Dichloroethene	2.114	96	75443	5.111	ug/L	98
13) Acetone	2.191	43	80516	37.468	ug/L	99
14) Carbon disulfide	2.291	76	215987	5.036	ug/L	100
15) Methyl Acetate	2.436	43	21106	3.418	ug/L #	90
16) Methylene chloride	2.500	84	89542	3.970	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	185926	4.926	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	87461	5.163	ug/L	99
19) 1,1-Dichloroethane	3.182	63	158830	5.209	ug/L	98
21) 2-Butanone	3.976	43	147014	43.701	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	96720	4.991	ug/L	97
23) Bromochloromethane	4.240	128	40852	5.263	ug/L	98
25) Chloroform	4.362	83	161781	5.082	ug/L	100

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 25 21:24:40 2022
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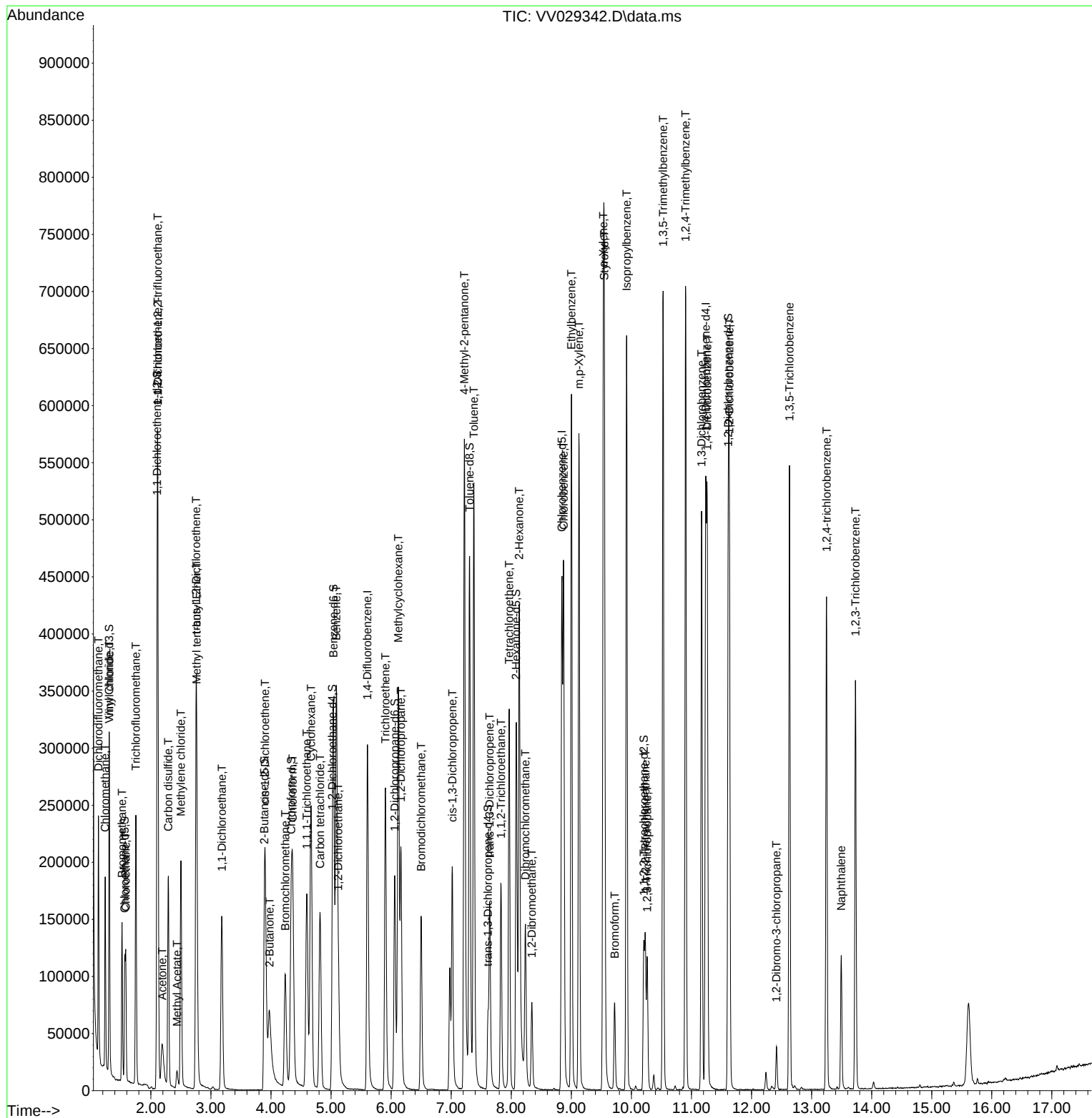
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	84633	4.906	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	145243	5.021	ug/L	99
30) Cyclohexane	4.667	56	144371	5.050	ug/L	98
31) Carbon tetrachloride	4.818	117	123130	5.034	ug/L	99
33) Benzene	5.088	78	372962	4.959	ug/L	100
34) Trichloroethene	5.905	95	95677	4.986	ug/L	97
35) Methylcyclohexane	6.121	83	163239	5.040	ug/L	98
37) 1,2-Dichloropropane	6.162	63	88260	4.981	ug/L	99
38) Bromodichloromethane	6.500	83	107501	5.068	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	130890	5.054	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	396545	47.828	ug/L	100
42) Toluene	7.378	91	397173	4.920	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	102545	4.998	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	60007	5.002	ug/L	98
47) Tetrachloroethene	7.966	164	77836	4.949	ug/L	96
48) 2-Hexanone	8.133	43	259921	44.970	ug/L	98
49) Dibromochloromethane	8.236	129	69724	5.167	ug/L	99
50) 1,2-Dibromoethane	8.342	107	52353	5.002	ug/L	94
51) Chlorobenzene	8.873	112	254541	5.045	ug/L	98
52) Ethylbenzene	9.001	91	431366	5.125	ug/L	100
53) m,p-Xylene	9.127	106	169578	5.108	ug/L	95
54) o-Xylene	9.532	106	164204	5.035	ug/L	97
55) Styrene	9.551	104	285103	5.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	65434	5.272	ug/L	97
59) Bromoform	9.722	173	36158	5.095	ug/L	99
60) Isopropylbenzene	9.921	105	446414	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47631	5.084	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	380678	5.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	384110	5.050	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	209528	5.143	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	205493	5.098	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	192774	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9356	5.085	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	169927	5.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	135843	4.994	ug/L	99
71) Naphthalene	13.493	128	96207	4.086	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111895	5.053	ug/L	99

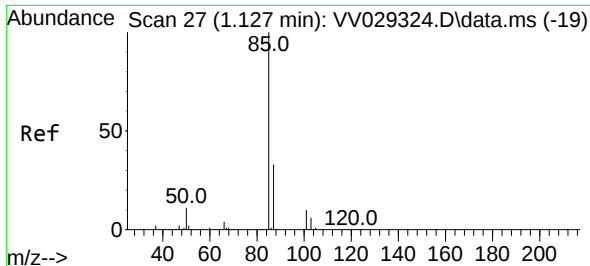
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 ALS Vial : 2 Sample Multiplier: 1

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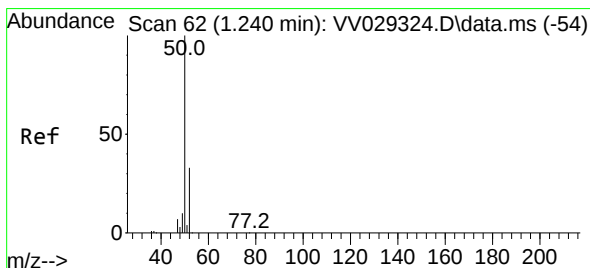
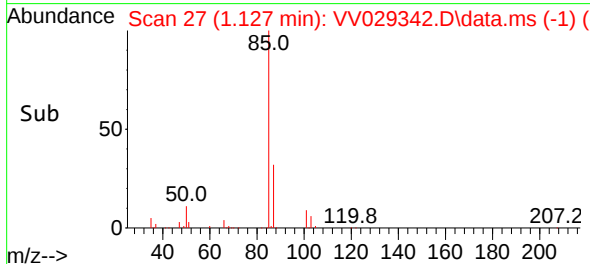
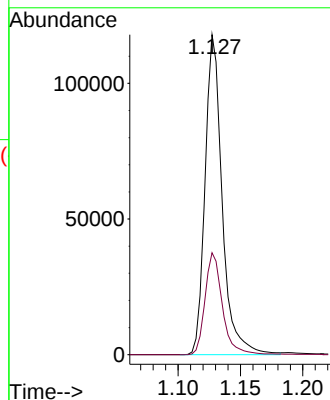
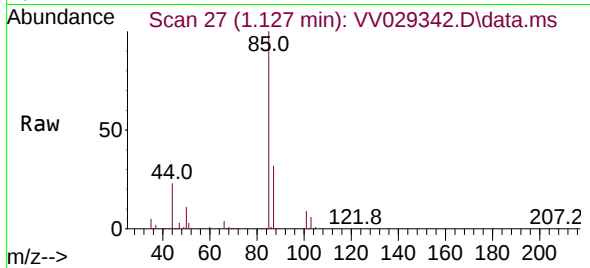




#2
 Dichlorodifluoromethane
 Concen: 5.274 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

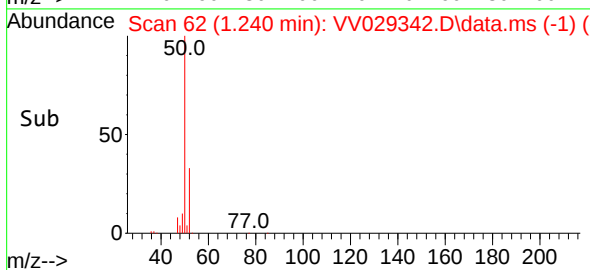
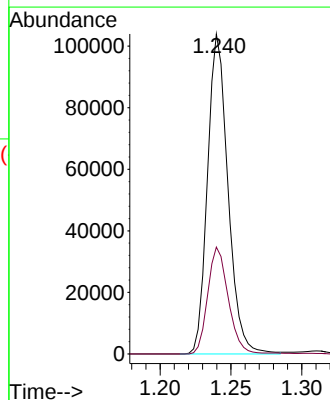
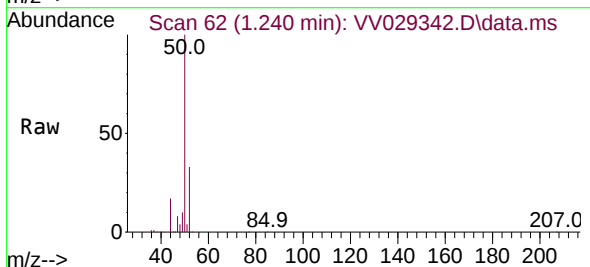
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

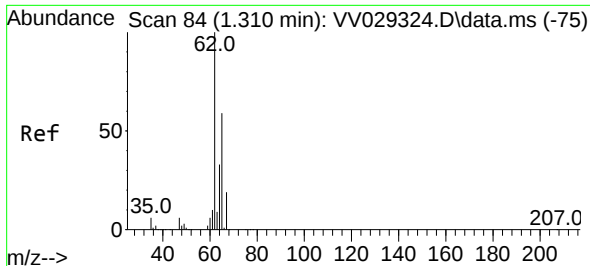
Tgt Ion: 85 Resp: 112974
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 5.323 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion: 50 Resp: 104476
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

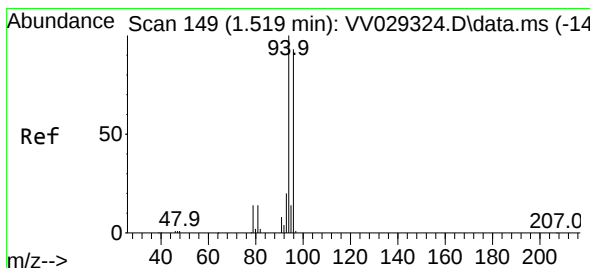
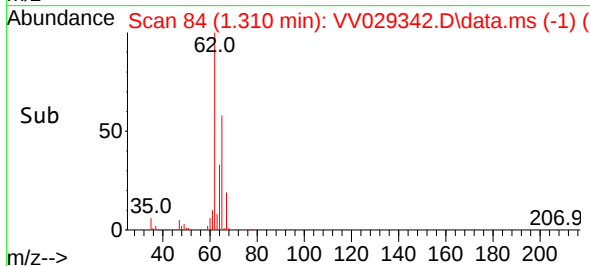
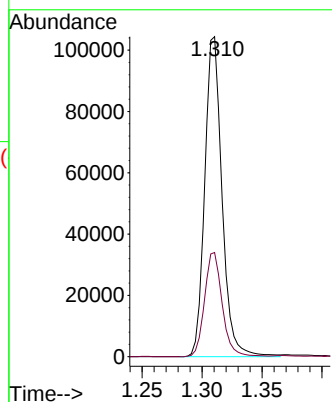
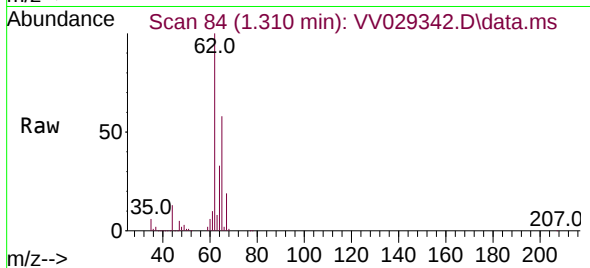




#5
 Vinyl chloride
 Concen: 5.368 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

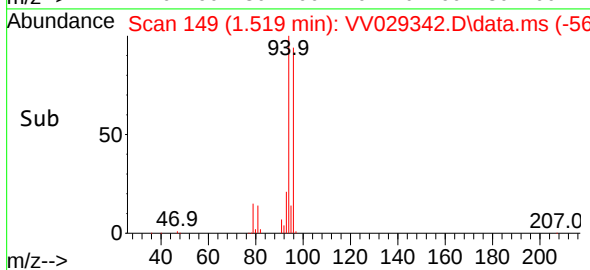
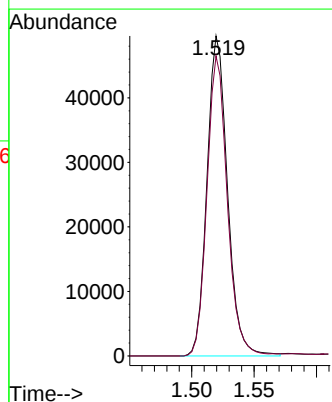
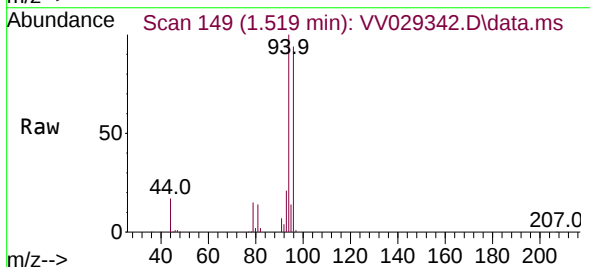
Instrument :
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 ClientSampleId :
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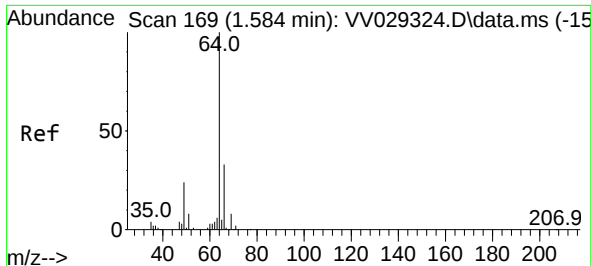
Tgt Ion: 62 Resp: 104971
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 4.664 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion: 94 Resp: 56920
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.4 121.4

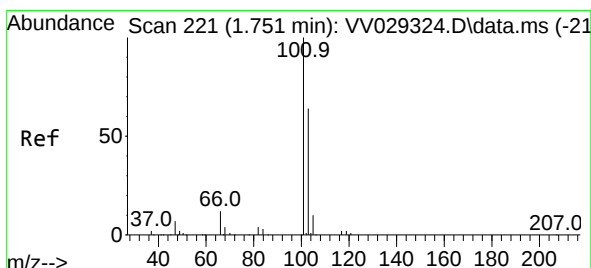
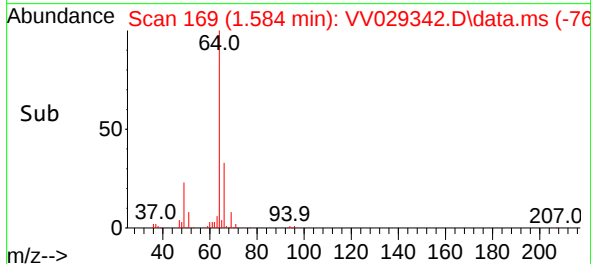
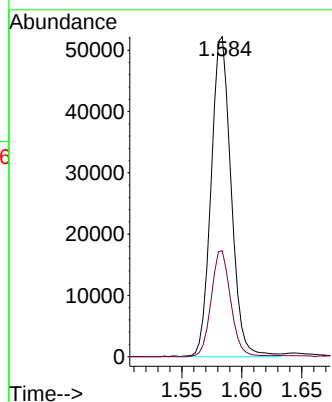
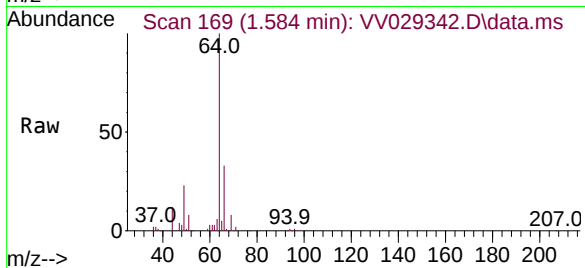




#8
Chloroethane
Concen: 5.220 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

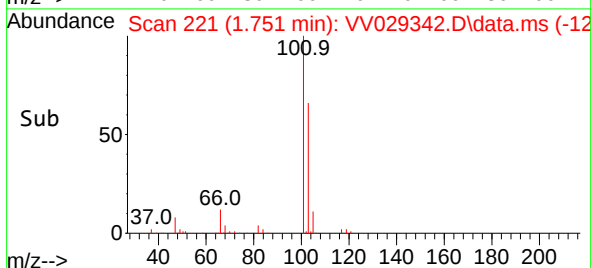
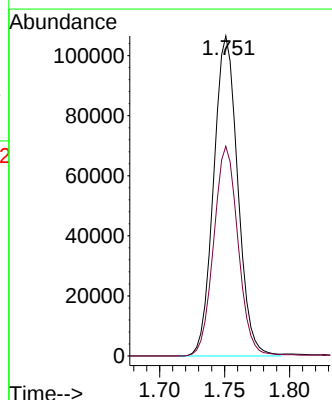
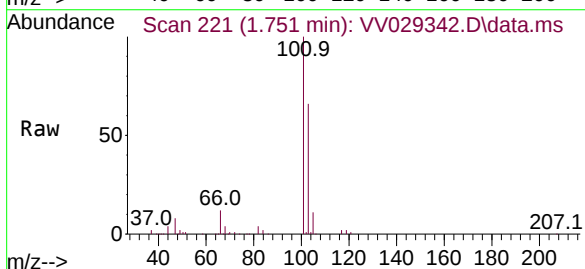
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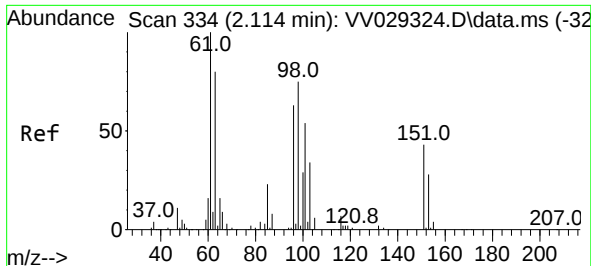
Tgt Ion: 64 Resp: 60670
Ion Ratio Lower Upper
64 100
66 33.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.024 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 101 Resp: 137523
Ion Ratio Lower Upper
101 100
103 66.3 51.8 77.8

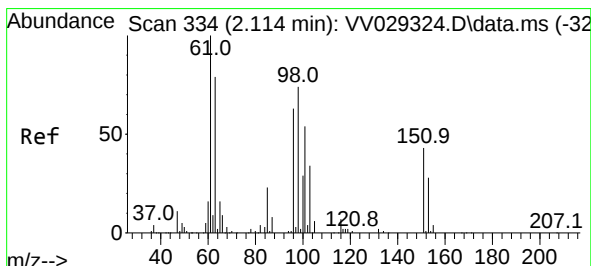
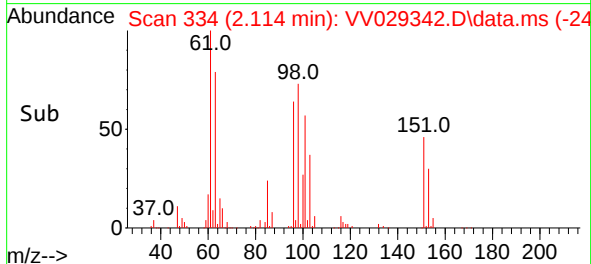
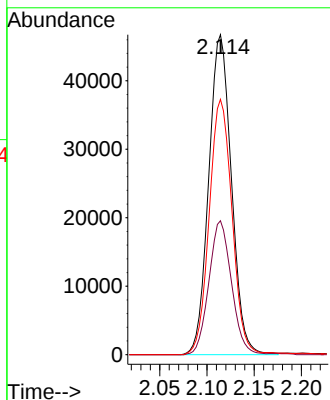
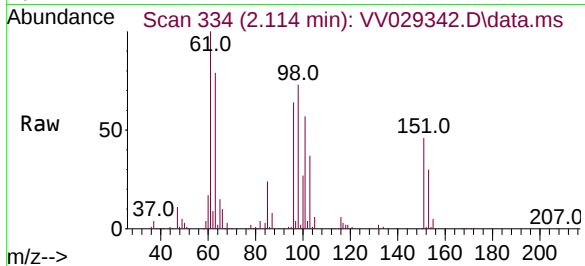




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.121 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

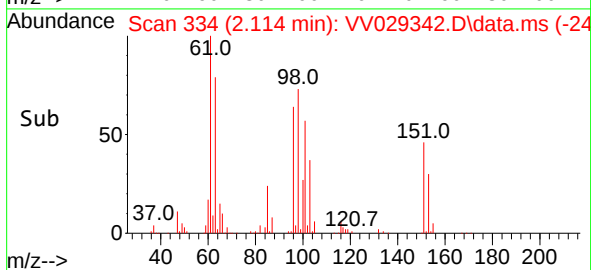
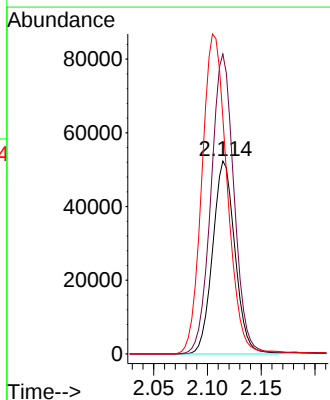
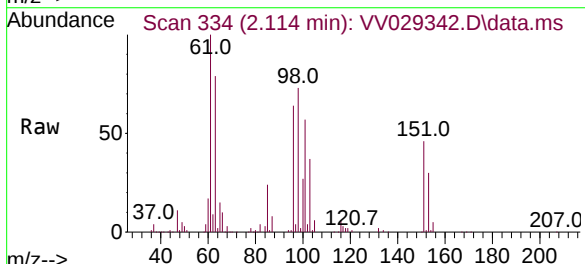
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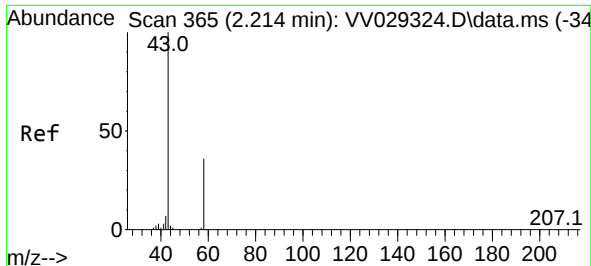
Tgt Ion:101 Resp: 78164
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.6 50.4
 151 80.5 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 5.111 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion: 96 Resp: 75443
 Ion Ratio Lower Upper
 96 100
 61 155.5 110.3 204.9
 63 122.9 84.4 156.8

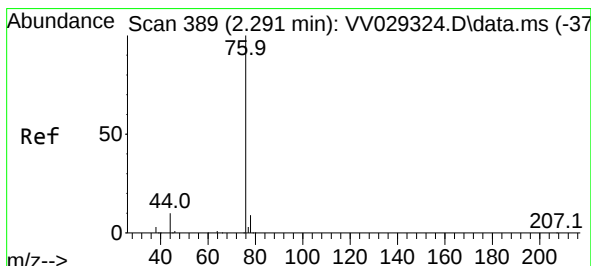
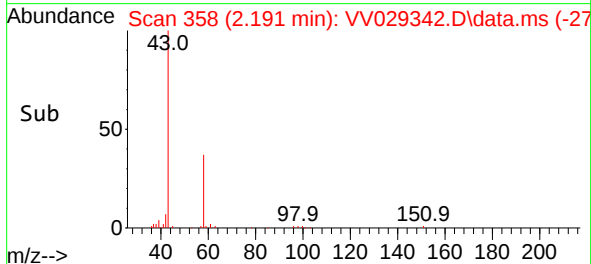
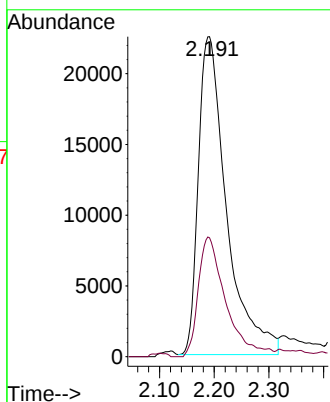
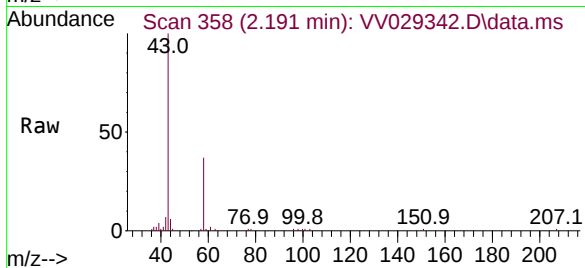




#13
Acetone
Concen: 37.468 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.023 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

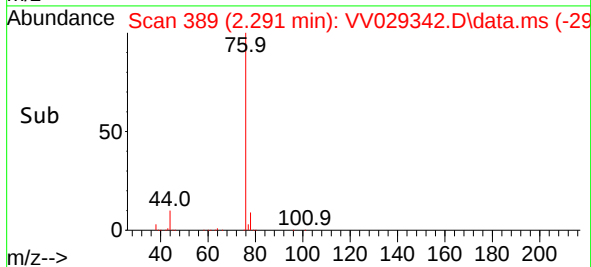
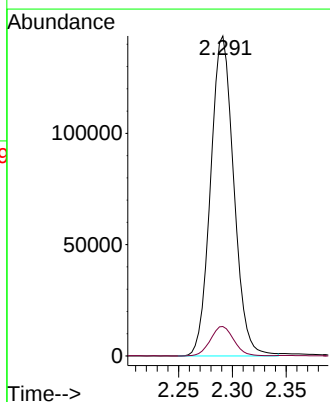
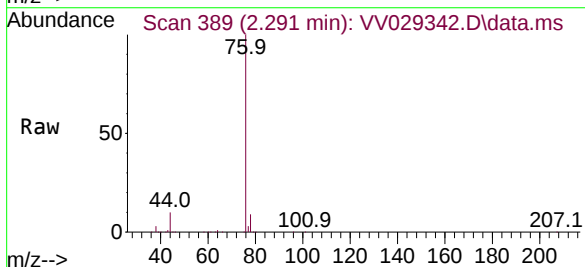
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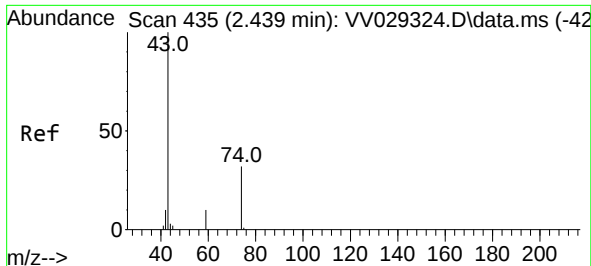
Tgt Ion: 43 Resp: 80516
Ion Ratio Lower Upper
43 100
58 36.0 0.0 70.8



#14
Carbon disulfide
Concen: 5.036 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029342.D
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Tgt Ion: 76 Resp: 215987
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

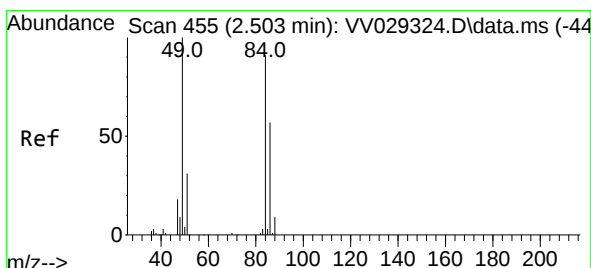
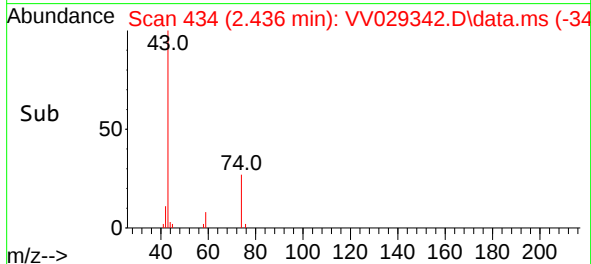
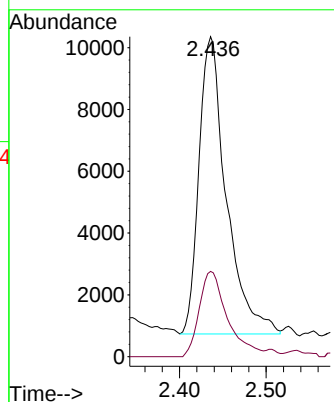
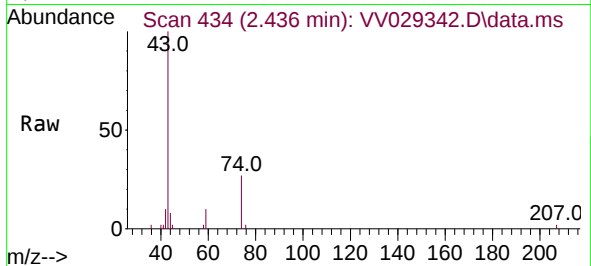




#15
Methyl Acetate
Concen: 3.418 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

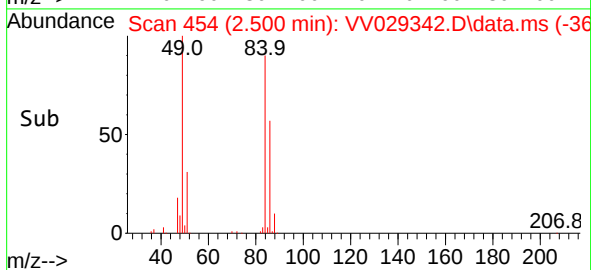
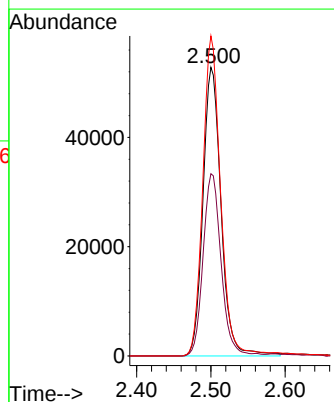
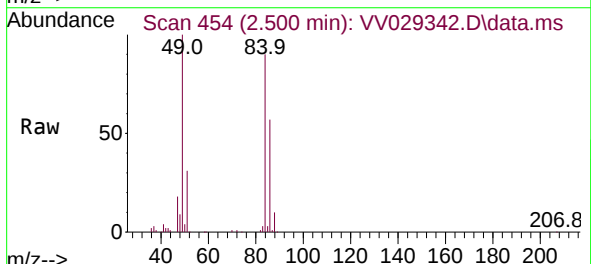
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

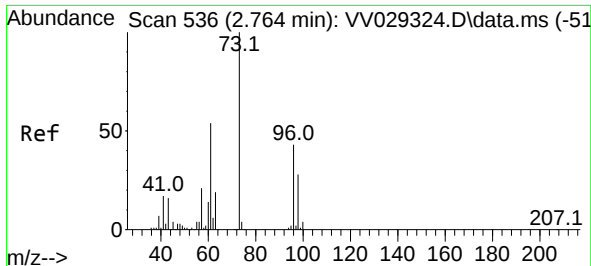
Tgt Ion: 43 Resp: 21106
Ion Ratio Lower Upper
43 100
74 29.6 19.6 29.4#



#16
Methylene chloride
Concen: 3.970 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 84 Resp: 89542
Ion Ratio Lower Upper
84 100
86 63.2 45.6 84.6
49 110.9 77.8 144.4

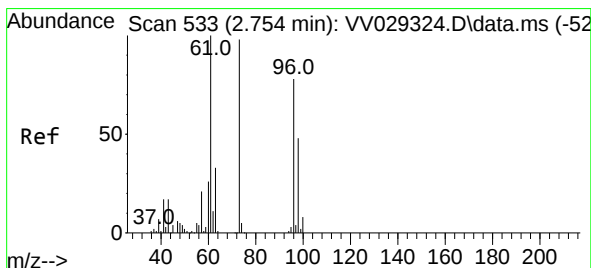
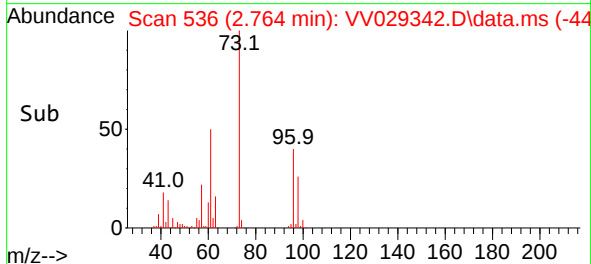
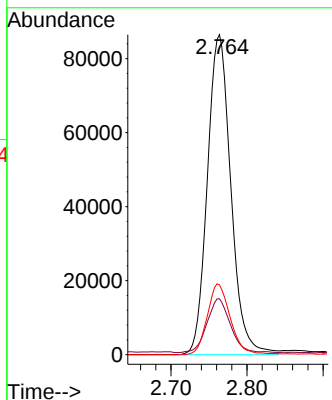
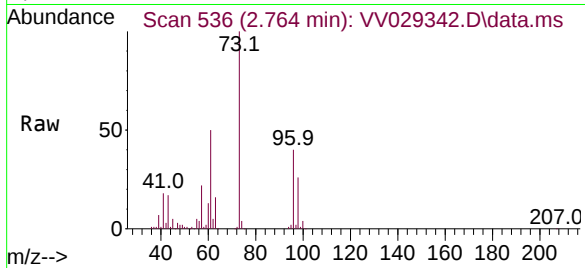




#17
Methyl tert-butyl Ether
Concen: 4.926 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

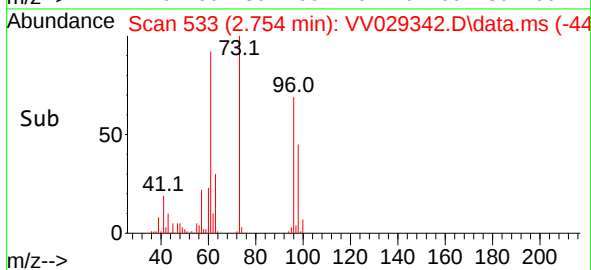
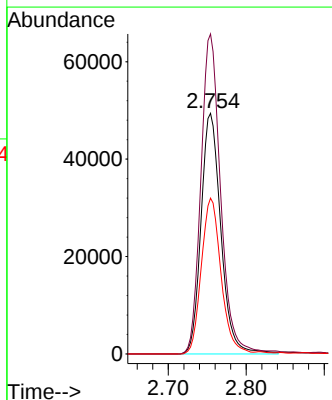
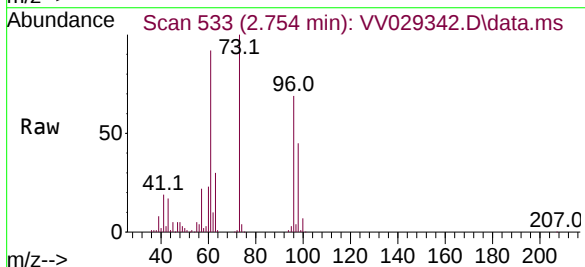
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

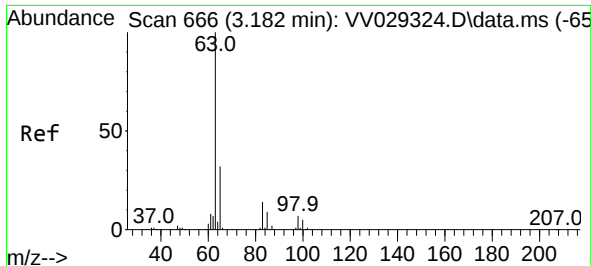
Tgt Ion: 73 Resp: 185926
Ion Ratio Lower Upper
73 100
43 16.6 13.2 19.8
57 21.7 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.163 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 96 Resp: 87461
Ion Ratio Lower Upper
96 100
61 132.9 93.0 172.6
98 64.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.209 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

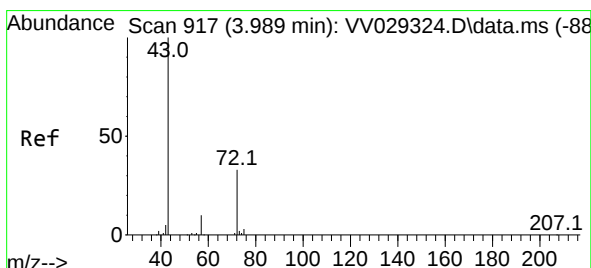
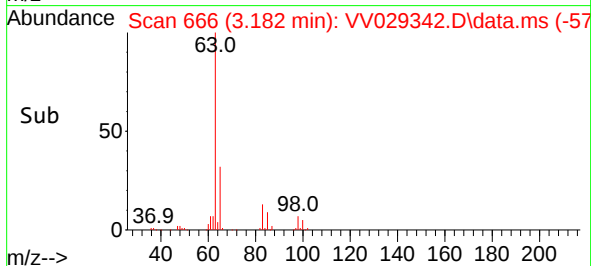
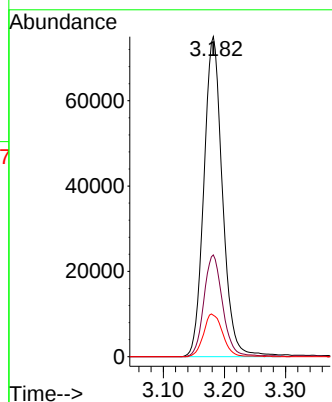
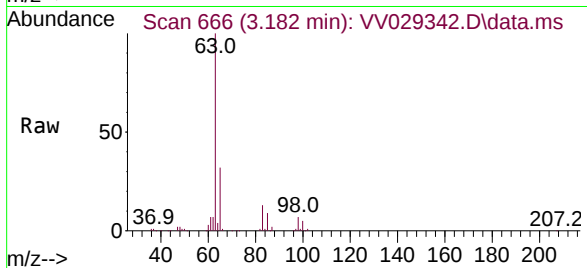
Tgt Ion: 63 Resp: 158830

Ion Ratio Lower Upper

63 100

65 31.8 21.6 40.2

83 13.0 10.3 19.1



#21

2-Butanone

Concen: 43.701 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV029342.D

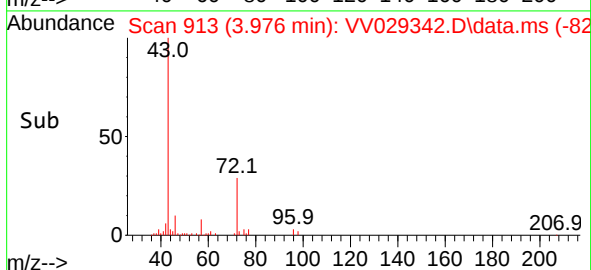
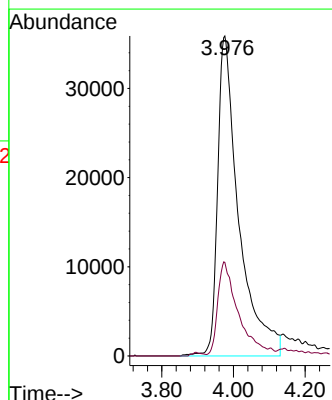
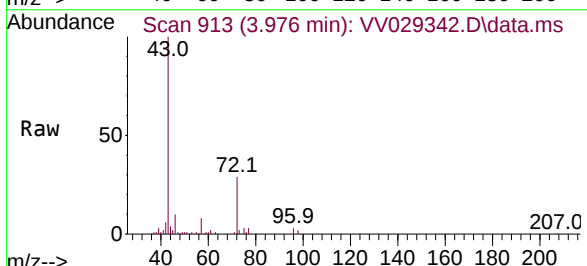
Acq: 25 Nov 2022 09:18

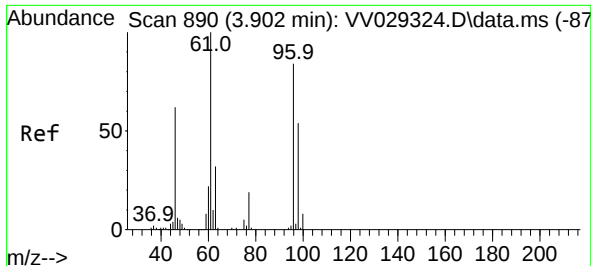
Tgt Ion: 43 Resp: 147014

Ion Ratio Lower Upper

43 100

72 27.2 13.8 41.3

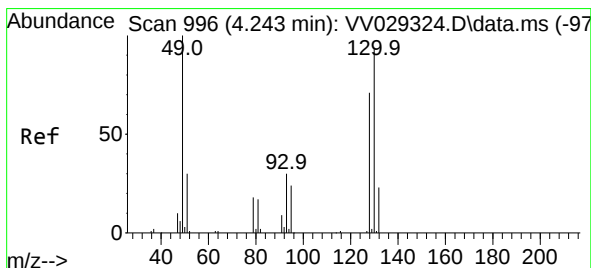
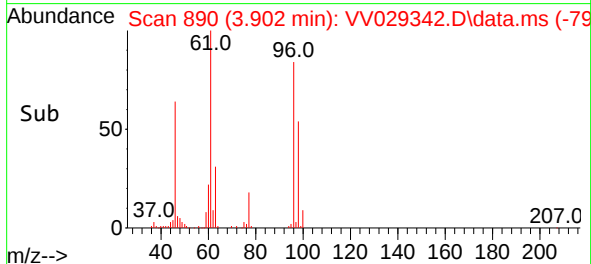
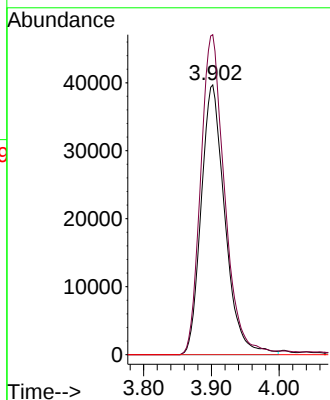
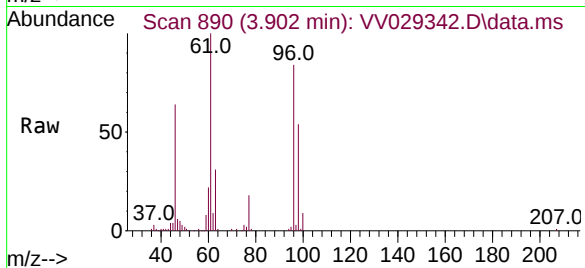




#22
 cis-1,2-Dichloroethene
 Concen: 4.991 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

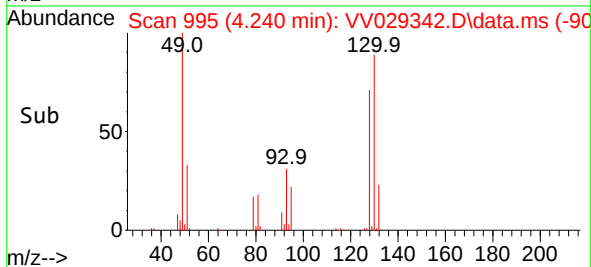
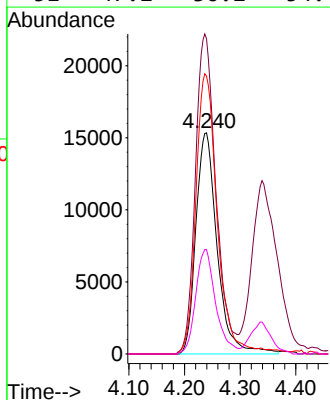
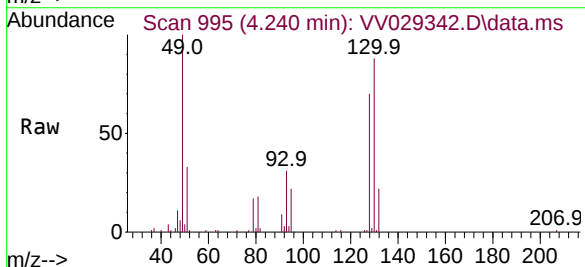
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

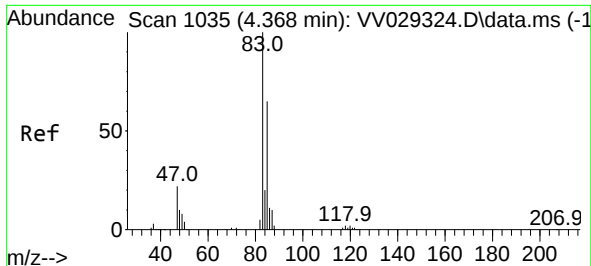
Tgt Ion: 96 Resp: 96720
 Ion Ratio Lower Upper
 96 100
 61 118.6 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.263 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion: 128 Resp: 40852
 Ion Ratio Lower Upper
 128 100
 49 142.6 100.0 185.8
 130 125.7 90.2 167.6
 51 47.2 36.2 54.4

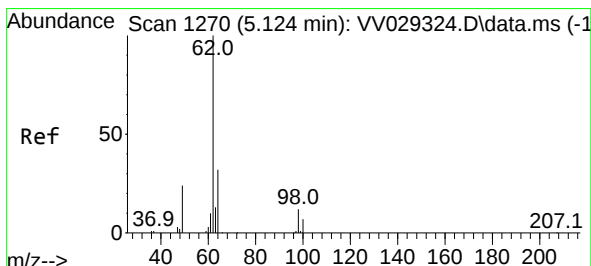
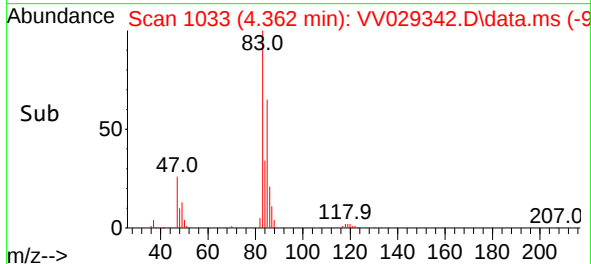
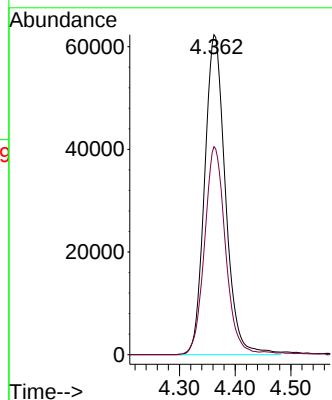
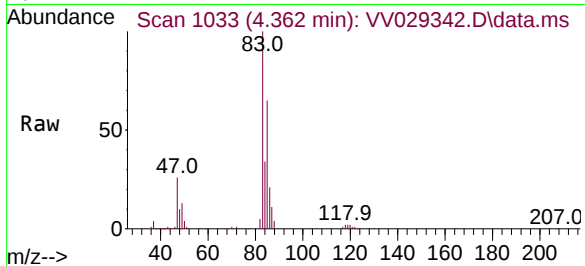




#25
Chloroform
Concen: 5.082 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

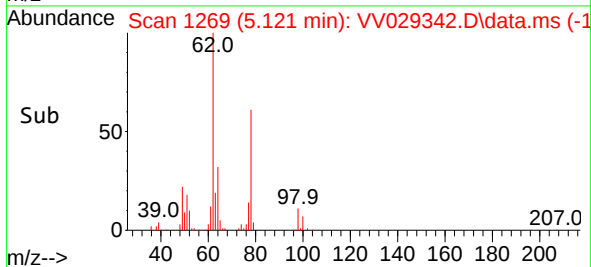
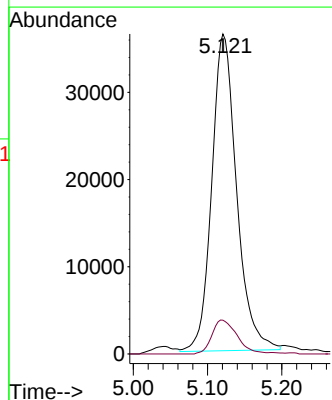
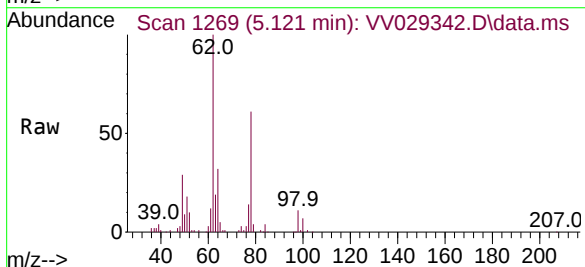
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

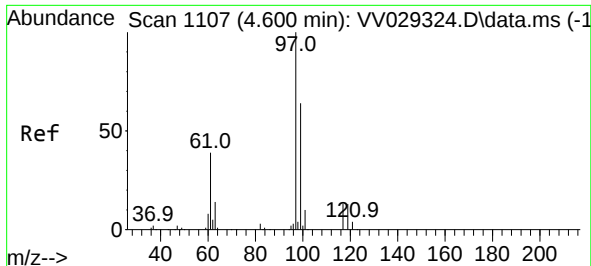
Tgt Ion: 83 Resp: 161781
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.906 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 62 Resp: 84633
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.021 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

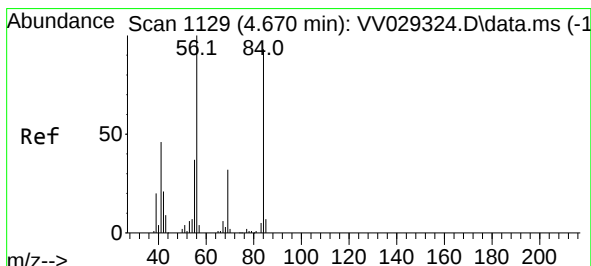
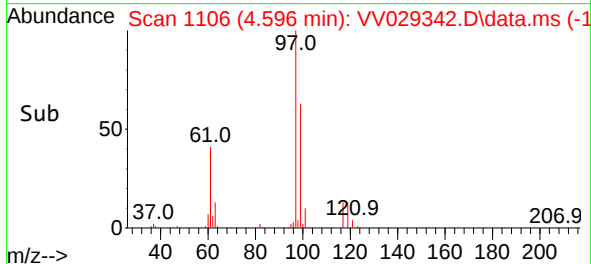
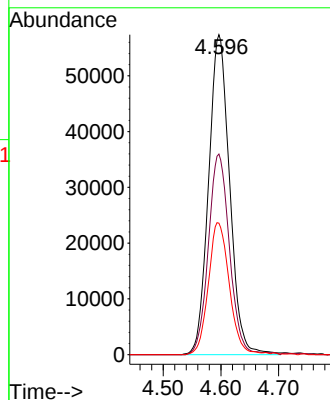
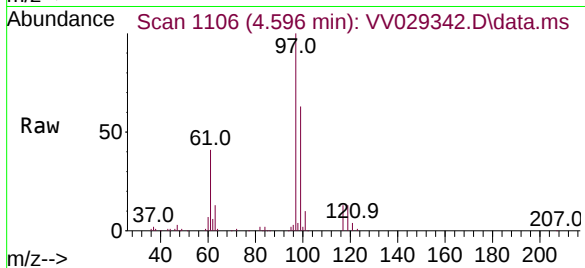
Tgt Ion: 97 Resp: 145243

Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 41.0 33.3 49.9



#30

Cyclohexane

Concen: 5.050 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

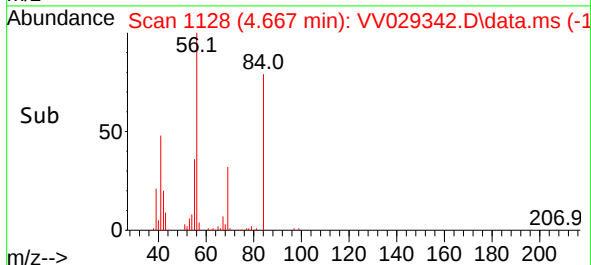
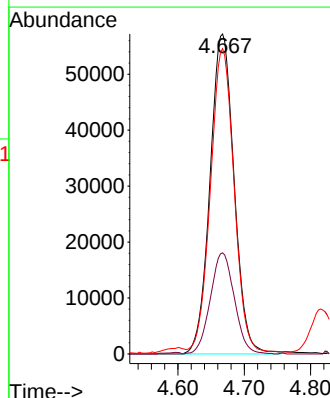
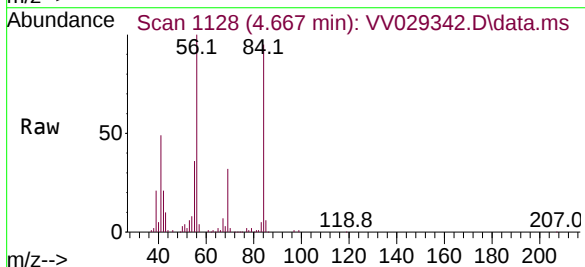
Tgt Ion: 56 Resp: 144371

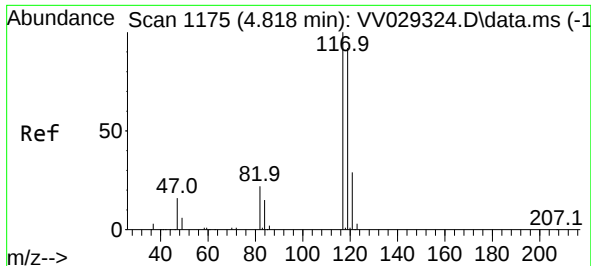
Ion Ratio Lower Upper

56 100

69 31.5 26.1 39.1

84 92.3 75.6 113.4

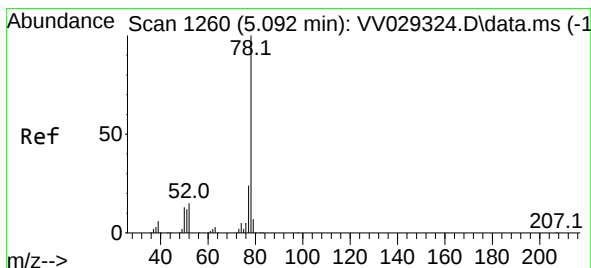
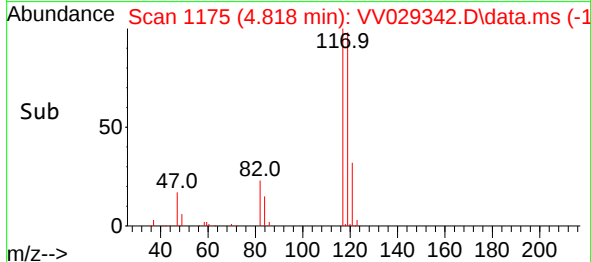
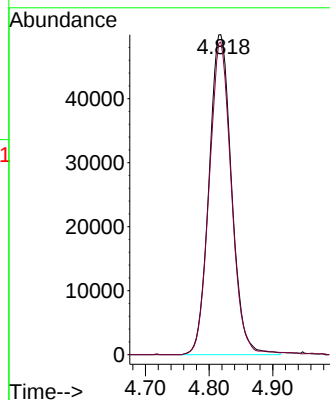
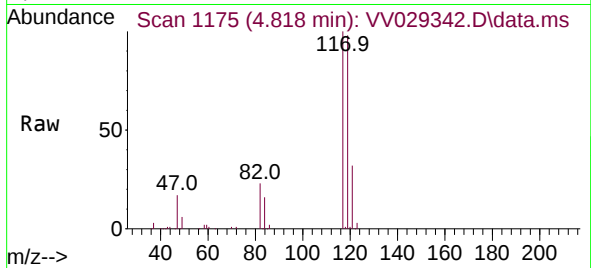




#31
Carbon tetrachloride
Concen: 5.034 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

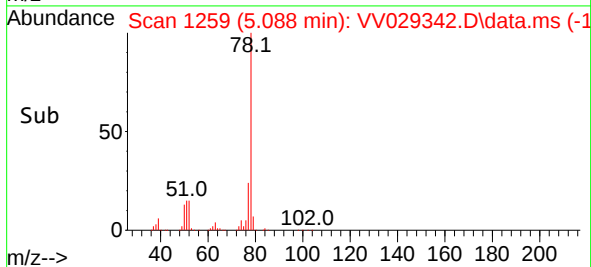
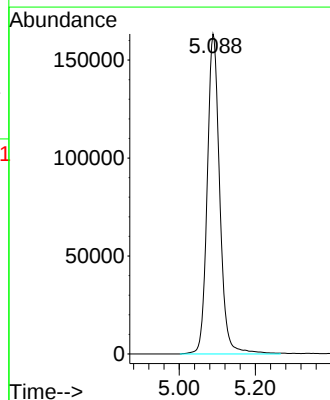
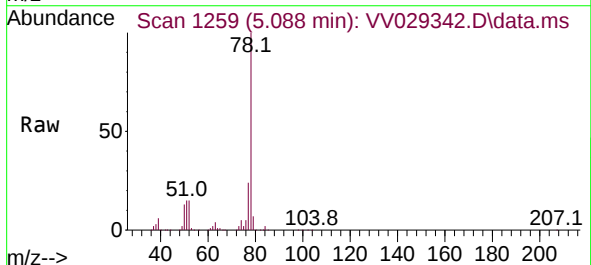
Instrument : MSVOA_V
ClientSampleId : VSTD005370

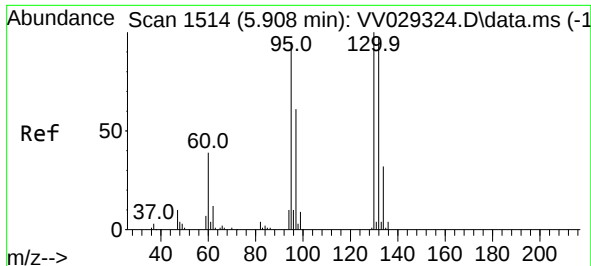
Tgt Ion:117 Resp: 123130
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 4.959 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 78 Resp: 372962

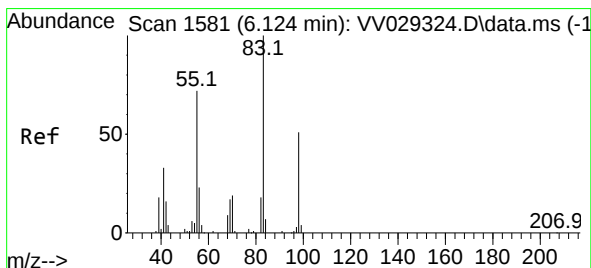
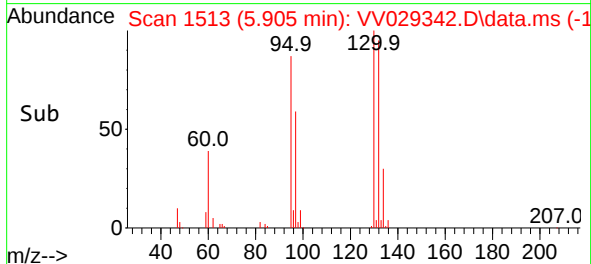
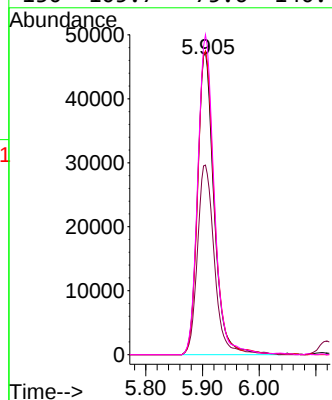
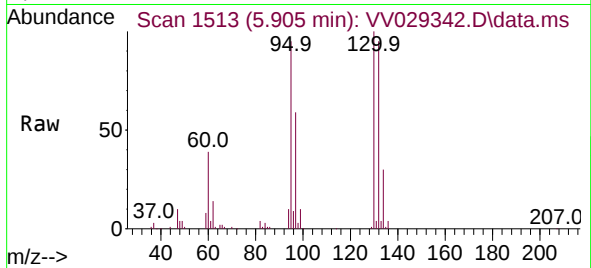




#34
Trichloroethene
Concen: 4.986 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

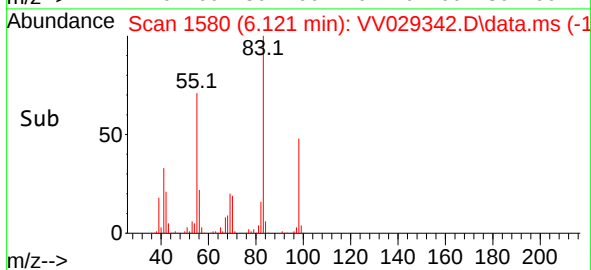
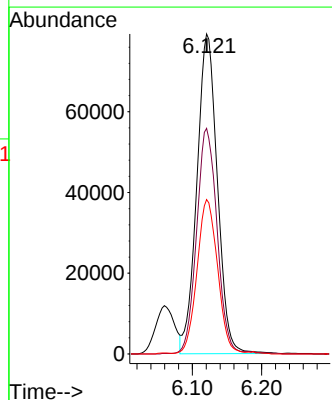
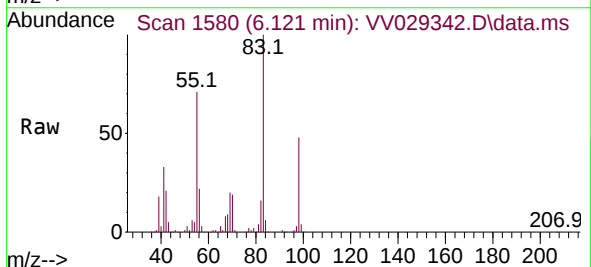
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

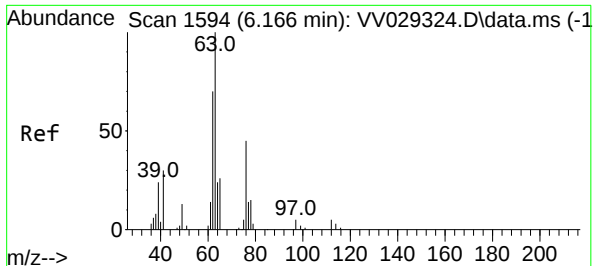
Tgt Ion:	95	Resp:	95677
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.4	84.4
132	100.3	73.3	136.1
130	105.7	75.6	140.4



#35
Methylcyclohexane
Concen: 5.040 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion:	83	Resp:	163239
Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.4	83.2
98	47.9	39.4	59.2





#37

1,2-Dichloropropane

Concen: 4.981 ug/L

RT: 6.162 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

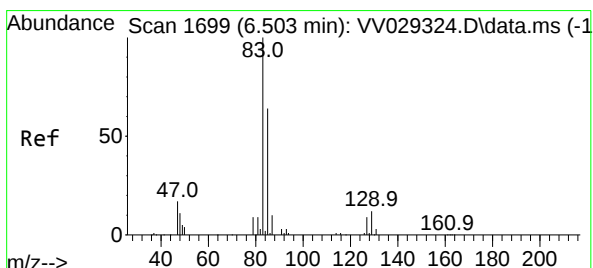
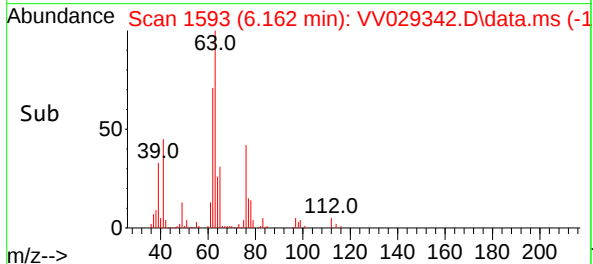
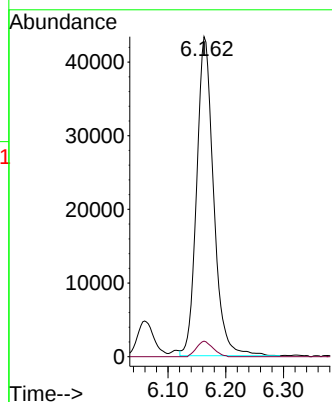
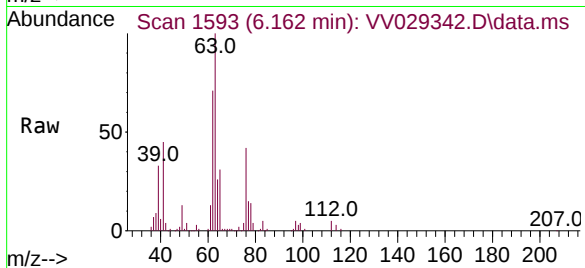
VSTD005370

Tgt Ion: 63 Resp: 88260

Ion Ratio Lower Upper

63 100

112 4.8 4.1 6.1



#38

Bromodichloromethane

Concen: 5.068 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

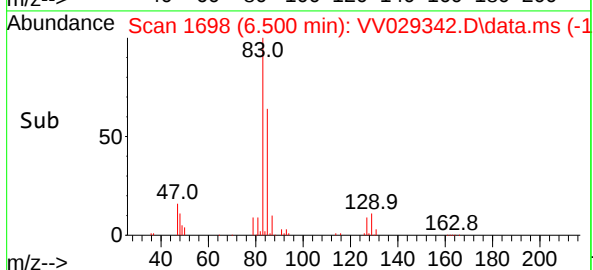
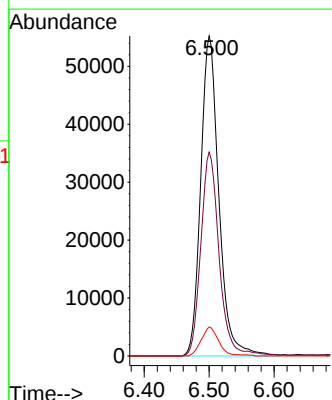
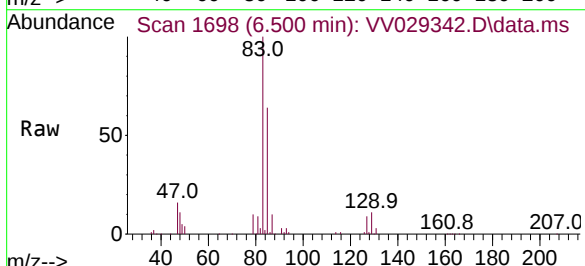
Tgt Ion: 83 Resp: 107501

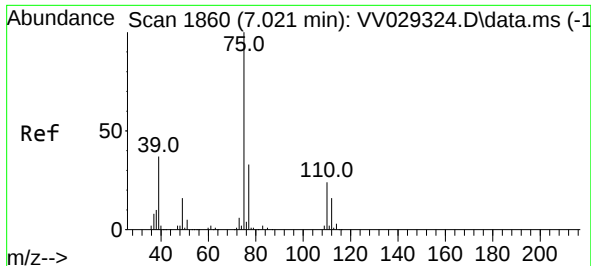
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 9.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.054 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

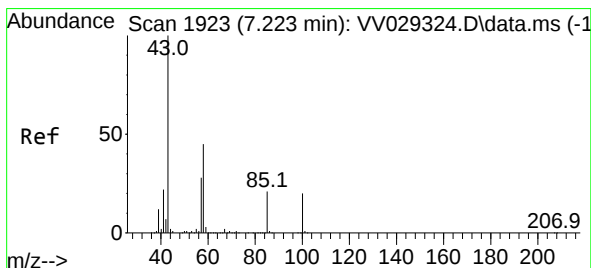
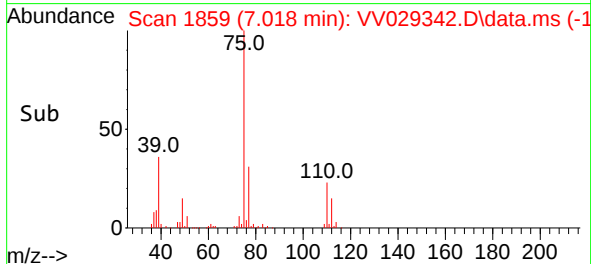
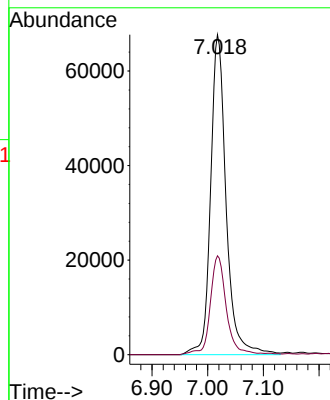
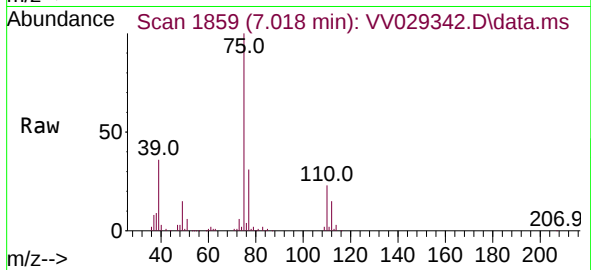
VSTD005370

Tgt Ion: 75 Resp: 130890

Ion Ratio Lower Upper

75 100

77 30.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 47.828 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

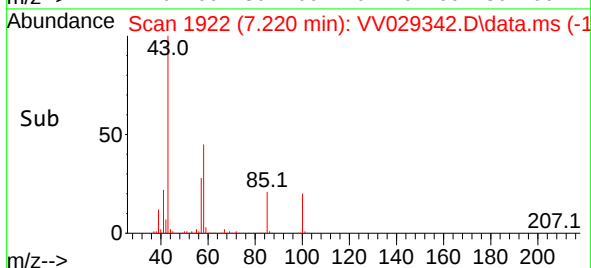
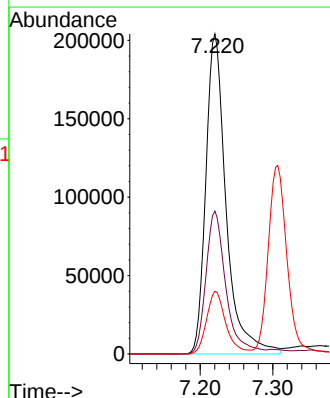
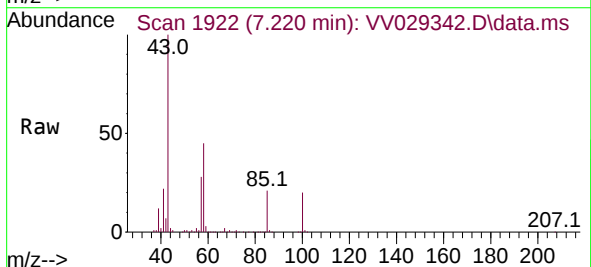
Tgt Ion: 43 Resp: 396545

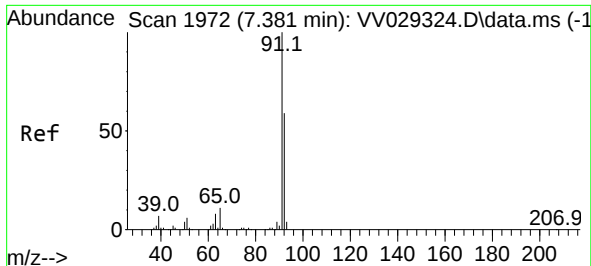
Ion Ratio Lower Upper

43 100

58 44.0 35.3 52.9

100 18.6 15.3 22.9

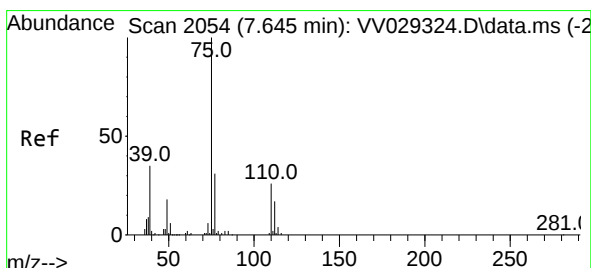
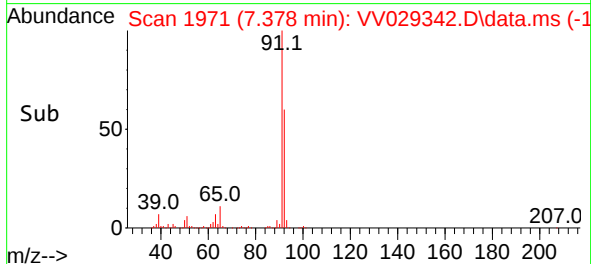
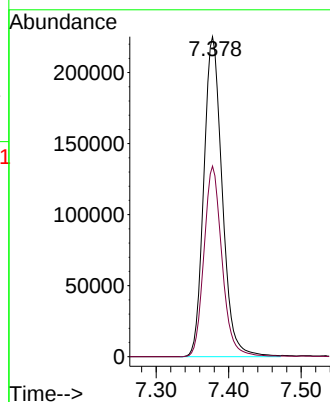
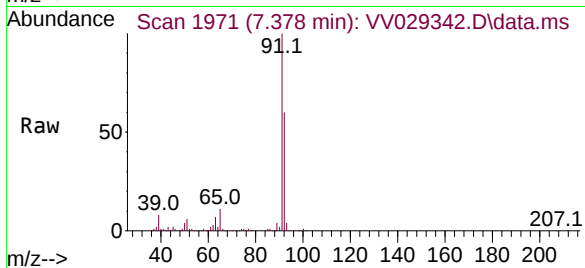




#42
Toluene
Concen: 4.920 ug/L
RT: 7.378 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

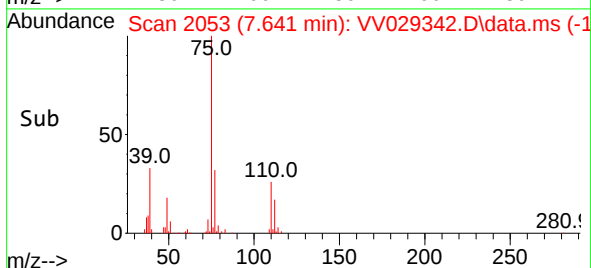
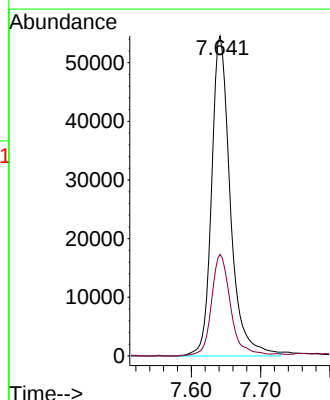
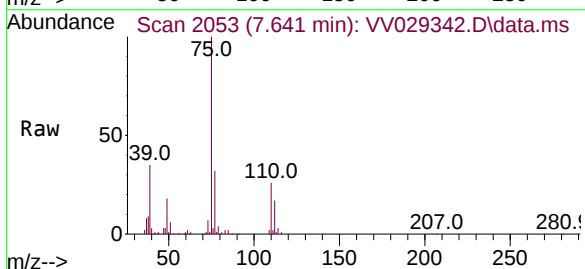
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

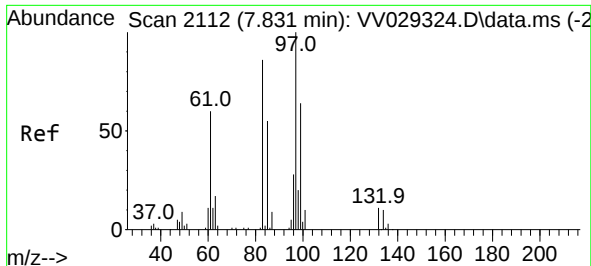
Tgt Ion: 91 Resp: 397173
Ion Ratio Lower Upper
91 100
92 59.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.998 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 75 Resp: 102545
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 5.002 ug/L

RT: 7.828 min Scan# 2111

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

Tgt Ion: 97 Resp: 60007

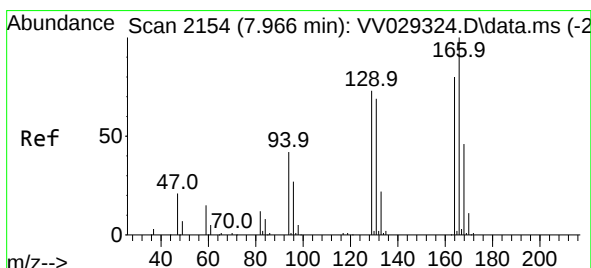
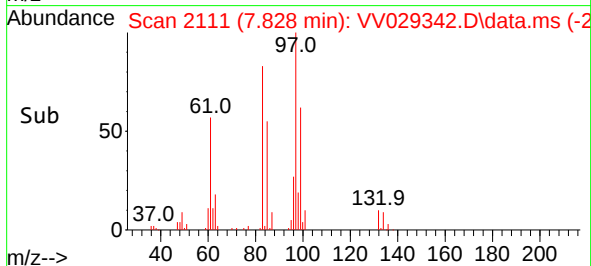
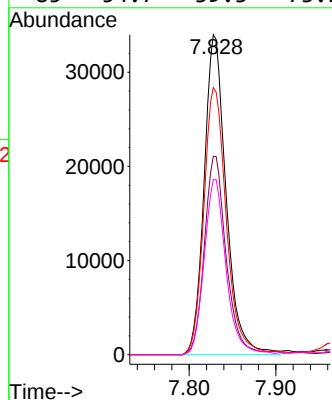
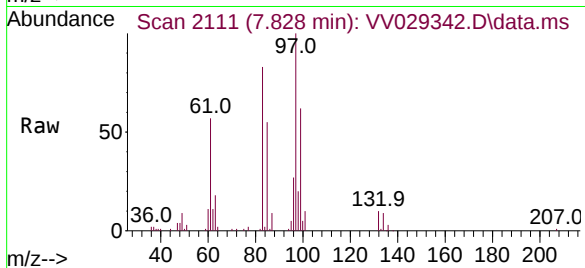
Ion Ratio Lower Upper

97 100

99 62.0 44.4 82.5

83 83.4 59.5 110.5

85 54.7 39.3 73.1



#47

Tetrachloroethene

Concen: 4.949 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Tgt Ion: 164 Resp: 77836

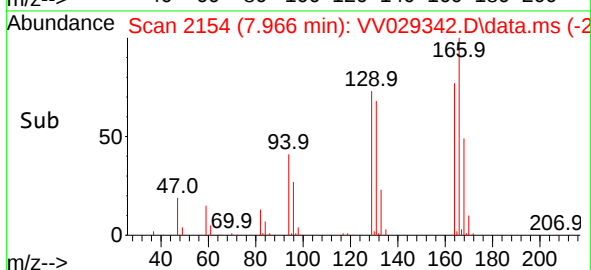
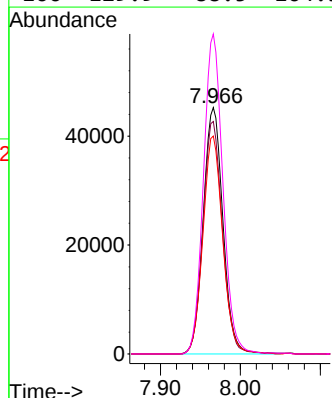
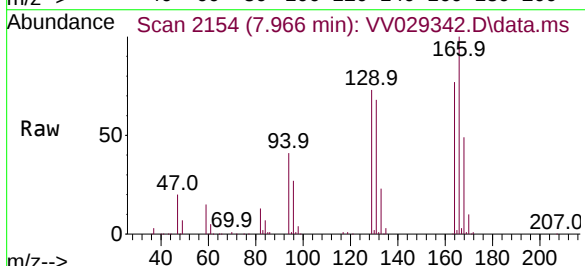
Ion Ratio Lower Upper

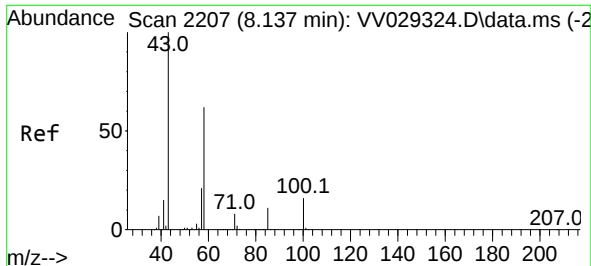
164 100

129 94.4 61.7 114.7

131 88.4 62.9 116.9

166 129.9 88.5 164.3

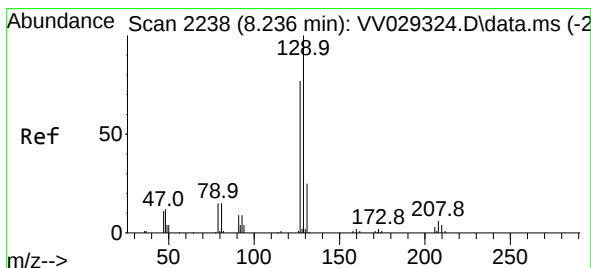
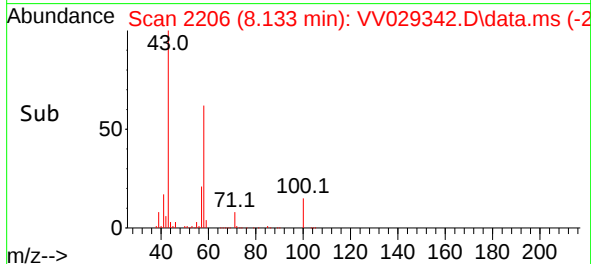
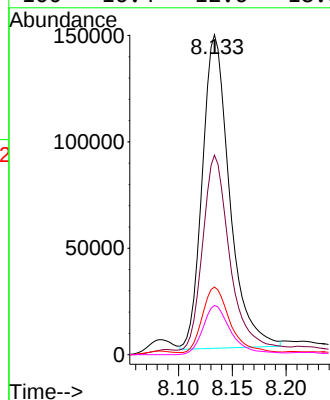
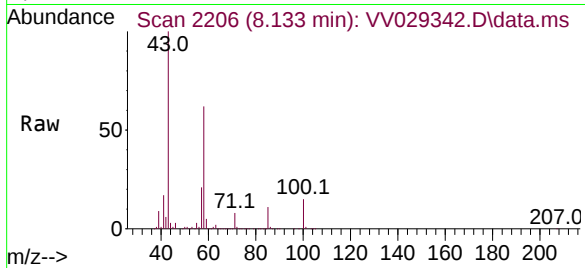




#48
2-Hexanone
Concen: 44.970 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

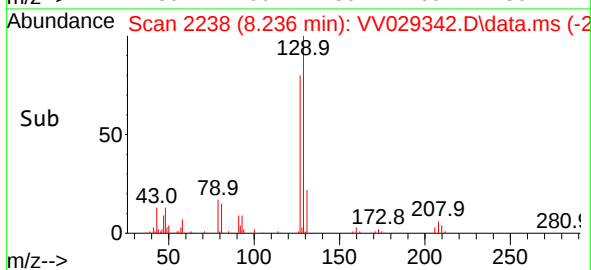
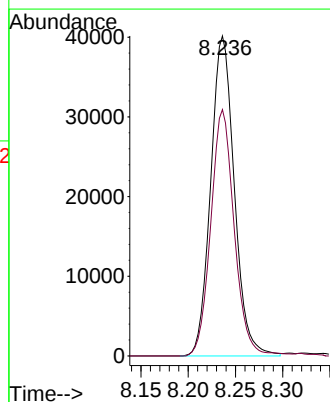
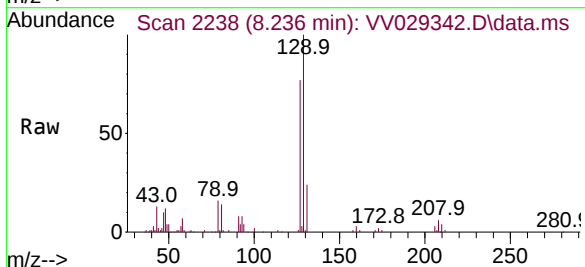
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

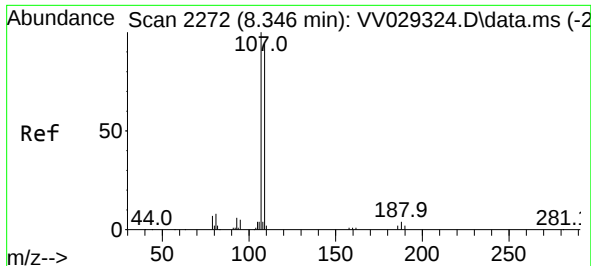
Tgt Ion: 43 Resp: 259921
Ion Ratio Lower Upper
43 100
58 63.1 49.4 74.0
57 21.5 16.9 25.3
100 16.4 12.6 18.8



#49
Dibromochloromethane
Concen: 5.167 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 129 Resp: 69724
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.7





#50

1,2-Dibromoethane

Concen: 5.002 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

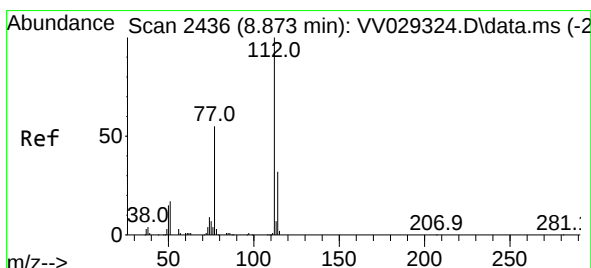
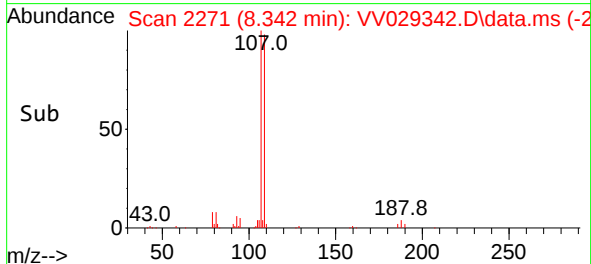
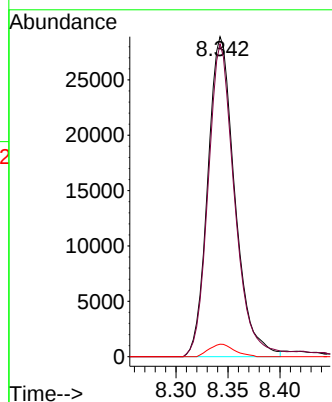
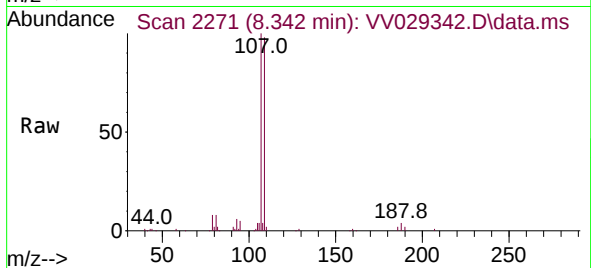
Tgt Ion:107 Resp: 52353

Ion Ratio Lower Upper

107 100

109 97.7 64.0 118.8

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 5.045 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

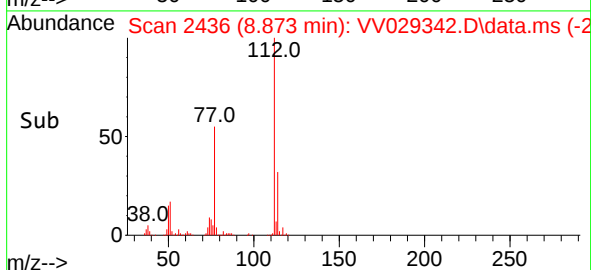
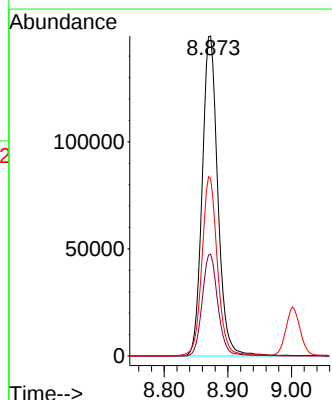
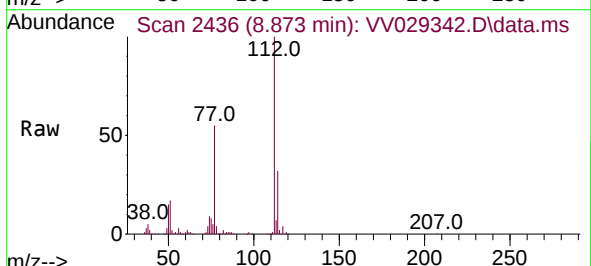
Tgt Ion:112 Resp: 254541

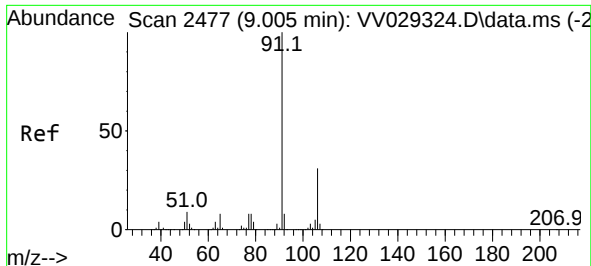
Ion Ratio Lower Upper

112 100

114 31.8 22.9 42.5

77 55.5 45.3 67.9





#52

Ethylbenzene

Concen: 5.125 ug/L

RT: 9.001 min Scan# 2477

Delta R.T. -0.003 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

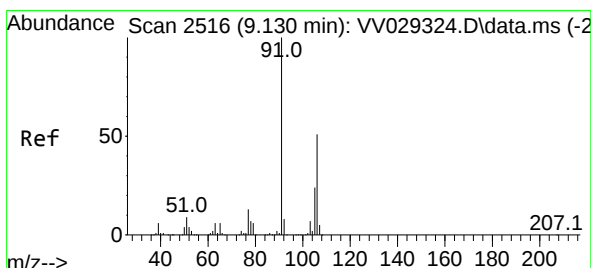
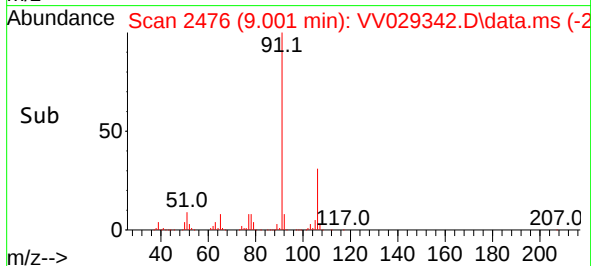
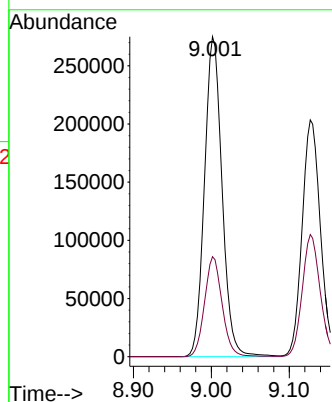
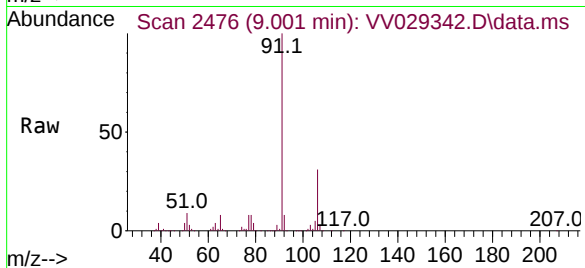
VSTD005370

Tgt Ion: 91 Resp: 431366

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 5.108 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.003 min

Lab File: VV029342.D

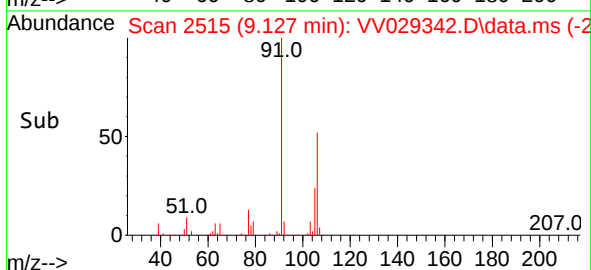
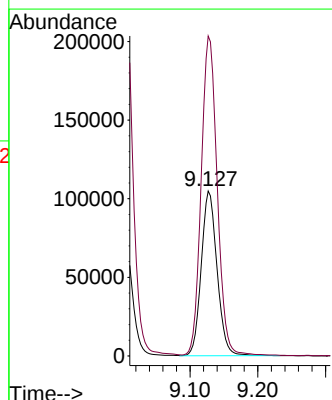
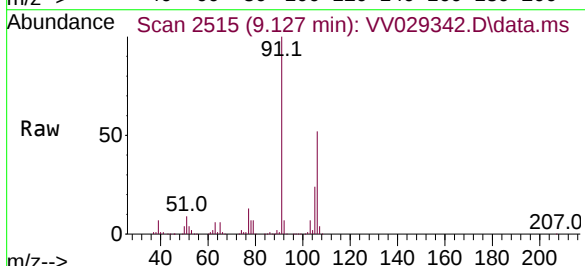
Acq: 25 Nov 2022 09:18

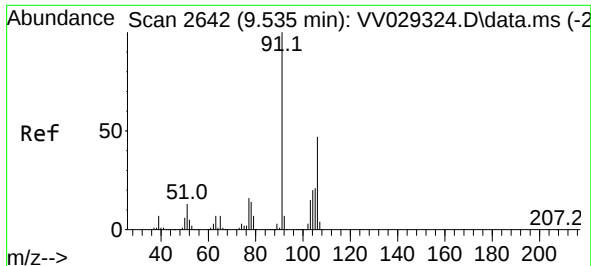
Tgt Ion: 106 Resp: 169578

Ion Ratio Lower Upper

106 100

91 194.0 140.6 261.2

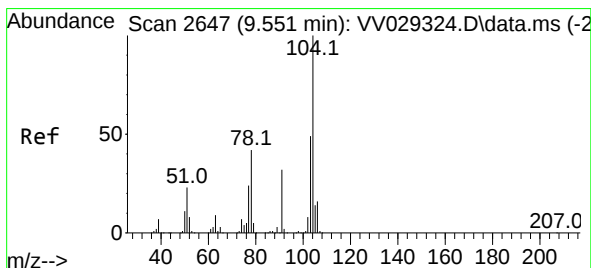
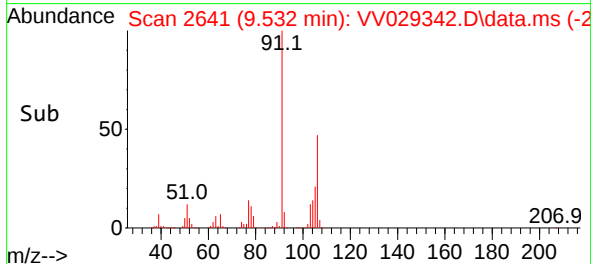
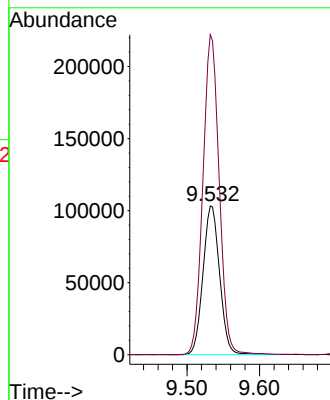
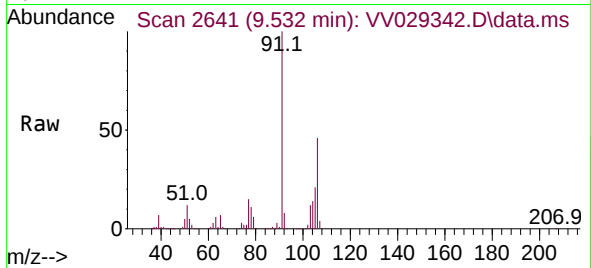




#54
o-Xylene
Concen: 5.035 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

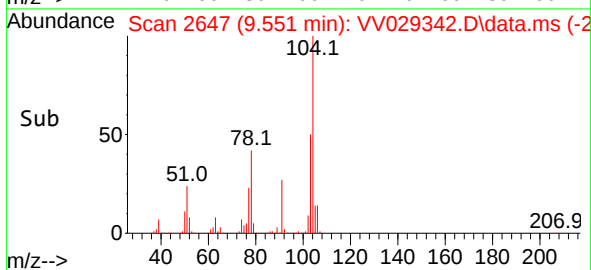
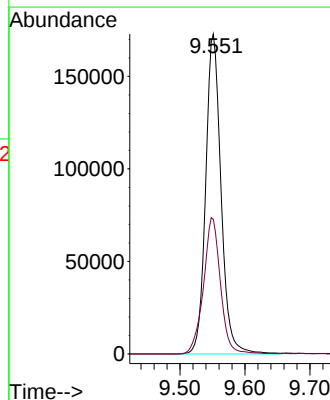
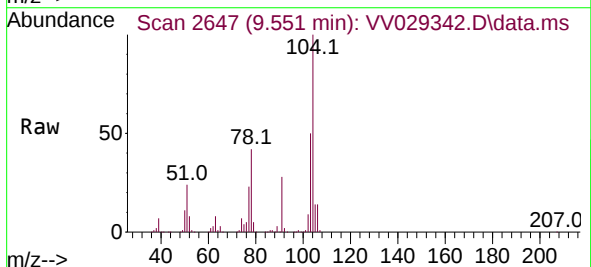
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

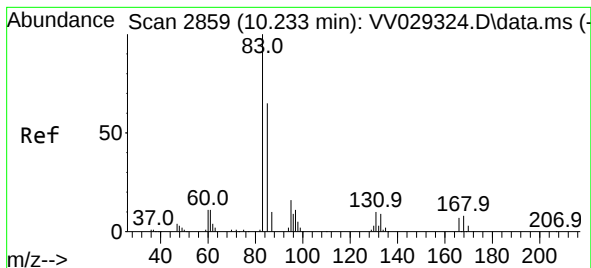
Tgt Ion:106 Resp: 164204
Ion Ratio Lower Upper
106 100
91 215.1 146.9 272.9



#55
Styrene
Concen: 5.180 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion:104 Resp: 285103
Ion Ratio Lower Upper
104 100
78 42.1 29.9 55.5

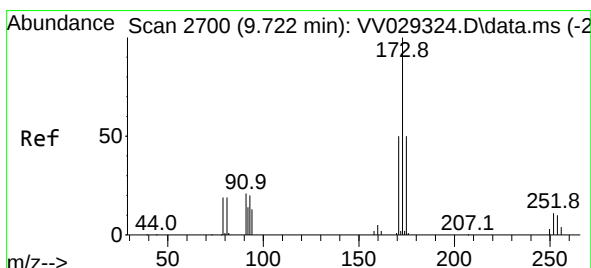
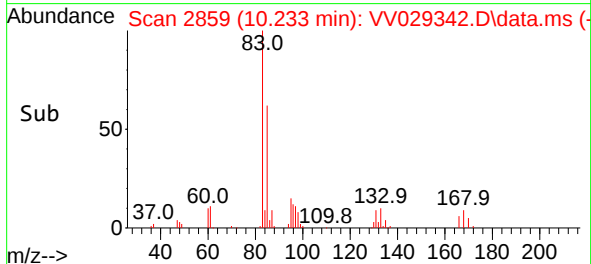
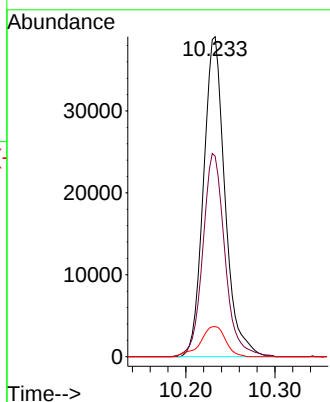
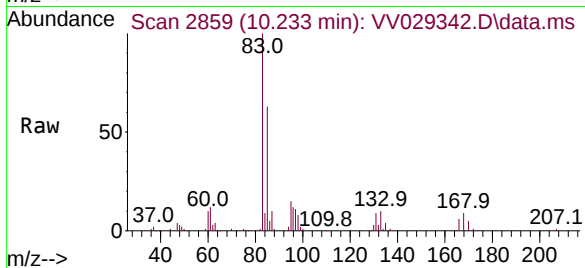




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.272 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

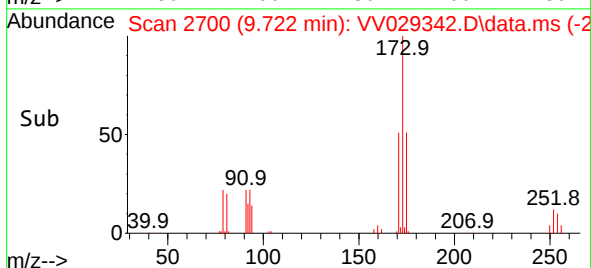
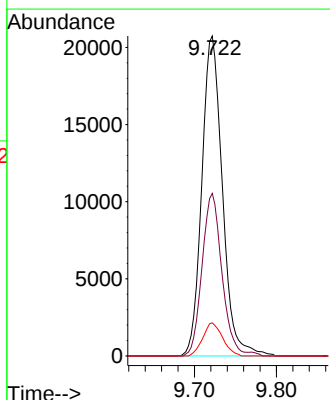
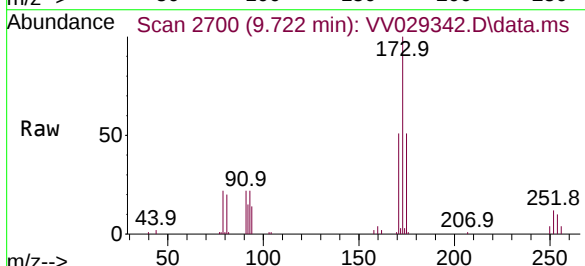
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

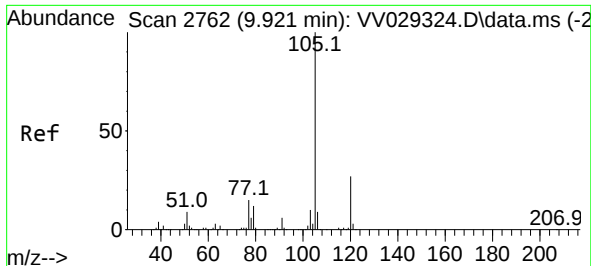
Tgt Ion: 83 Resp: 65434
 Ion Ratio Lower Upper
 83 100
 85 62.6 45.5 84.5
 131 9.4 8.2 12.2



#59
 Bromoform
 Concen: 5.095 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion: 173 Resp: 36158
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.6 58.0
 254 10.0 8.3 12.5

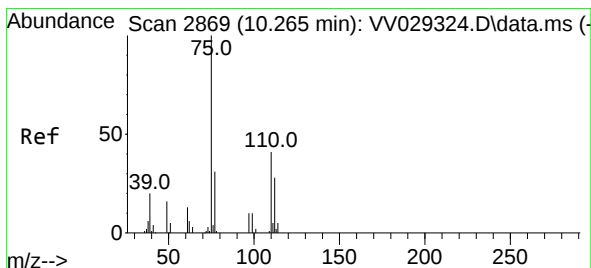
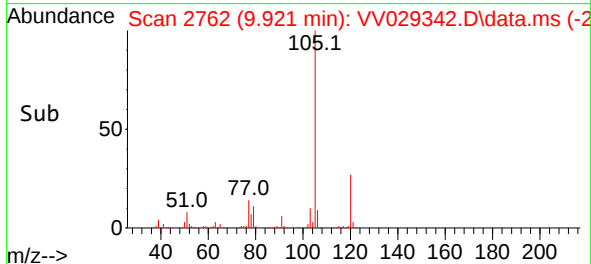
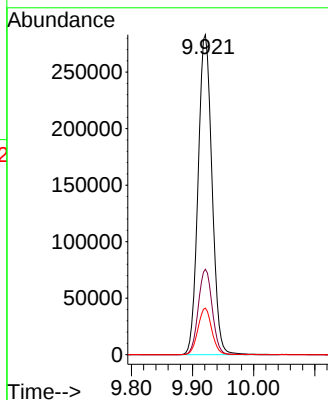
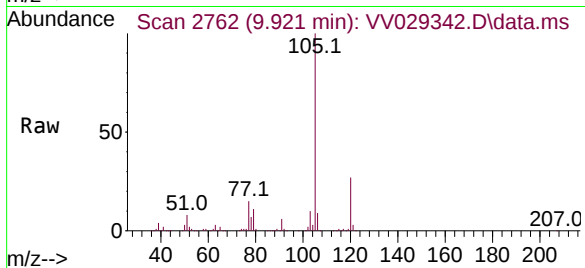




#60
Isopropylbenzene
Concen: 5.112 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

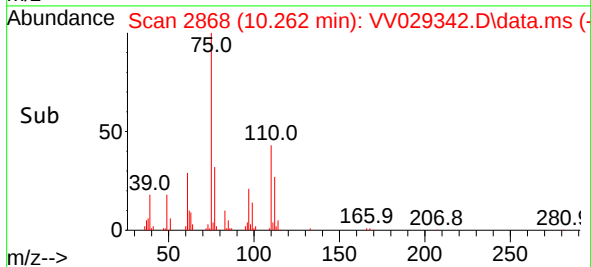
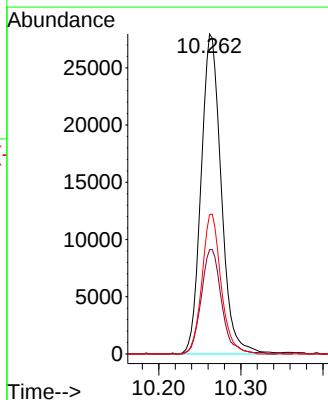
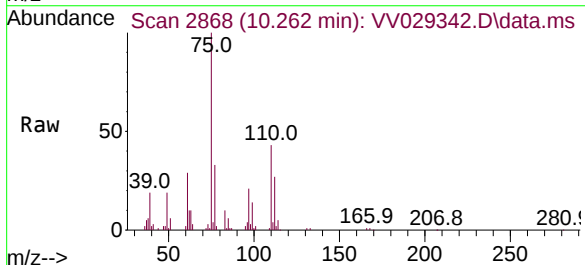
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

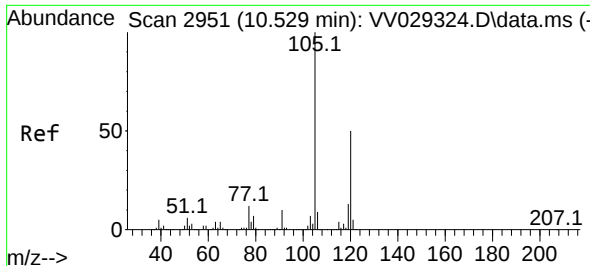
Tgt Ion:105 Resp: 446414
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.084 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 75 Resp: 47631
Ion Ratio Lower Upper
75 100
77 32.9 26.7 40.1
110 41.4 32.2 48.4

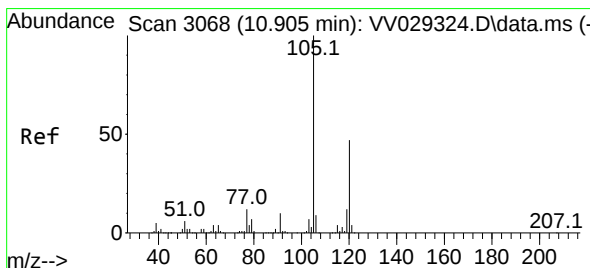
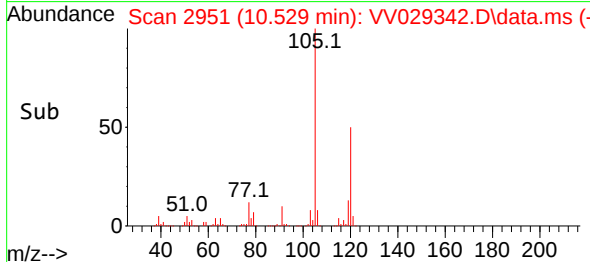
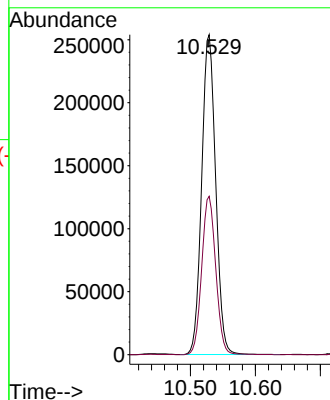
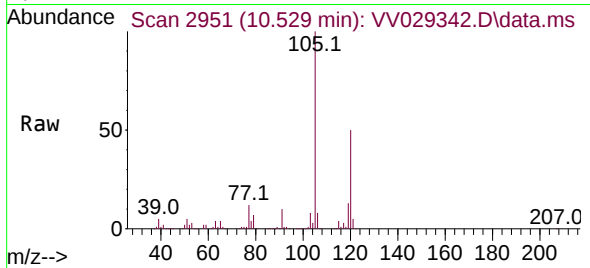




#62
 1,3,5-Trimethylbenzene
 Concen: 5.035 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

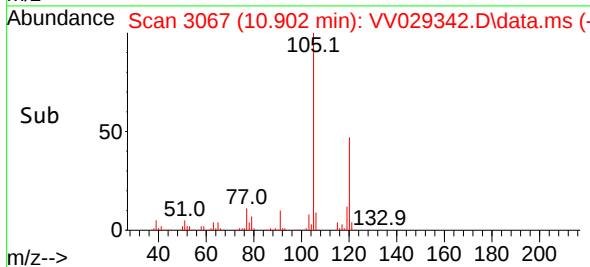
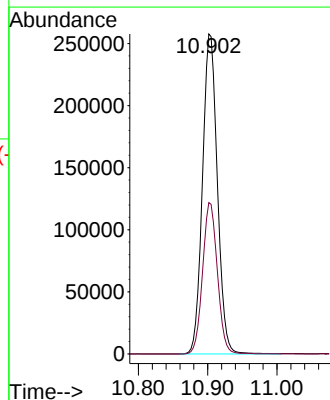
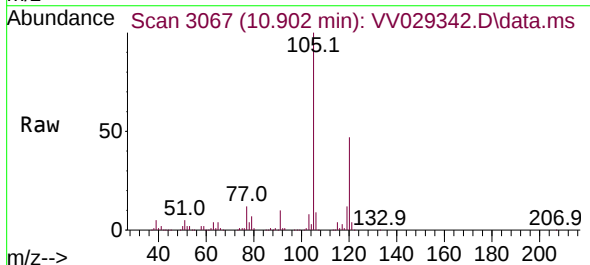
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

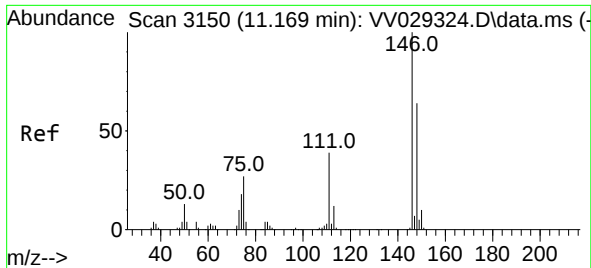
Tgt Ion:105 Resp: 380678
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.050 ug/L
 RT: 10.902 min Scan# 3067
 Delta R.T. -0.003 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion:105 Resp: 384110
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.2 55.8

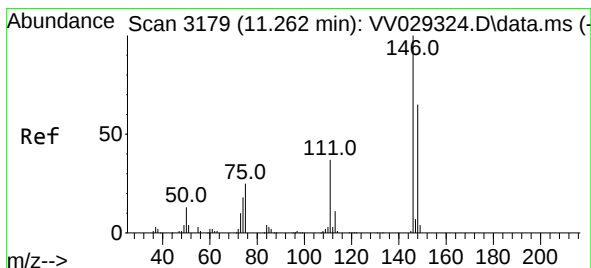
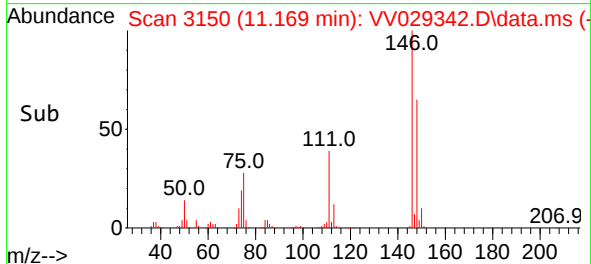
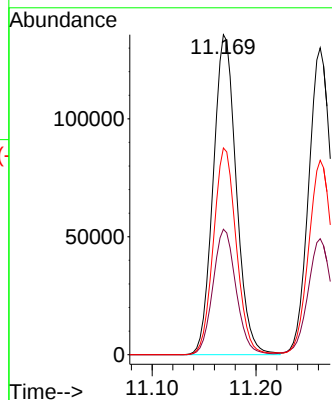
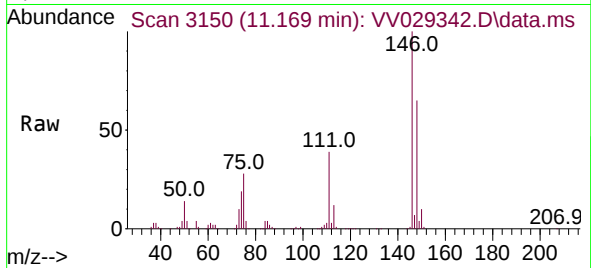




#64
1,3-Dichlorobenzene
Concen: 5.143 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

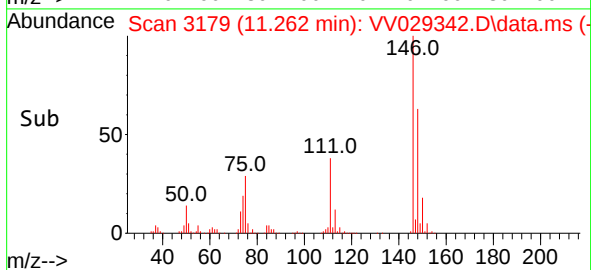
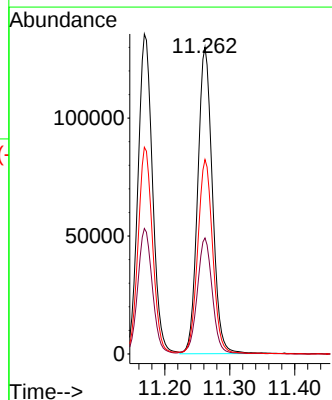
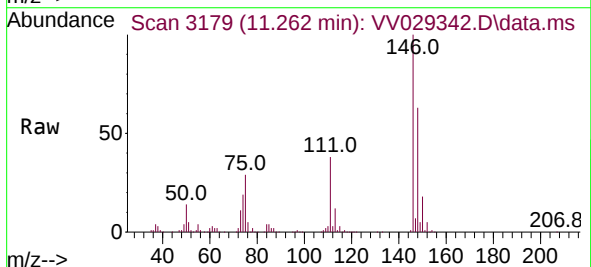
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

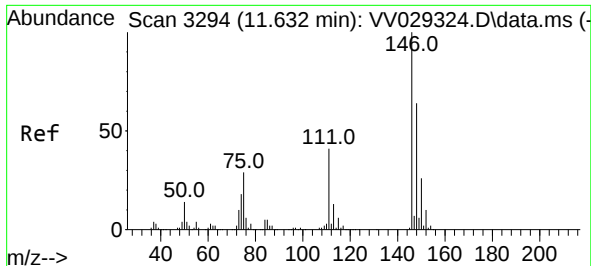
Tgt Ion:146 Resp: 209528
Ion Ratio Lower Upper
146 100
111 39.2 26.3 48.9
148 64.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion:146 Resp: 205493
Ion Ratio Lower Upper
146 100
111 37.8 26.0 48.4
148 63.3 44.7 82.9

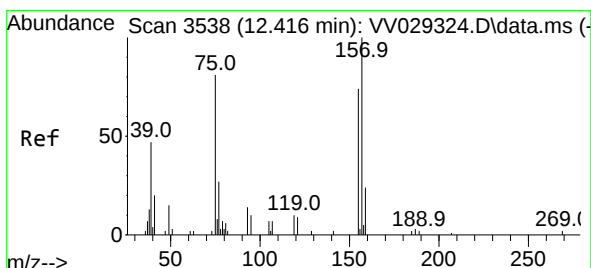
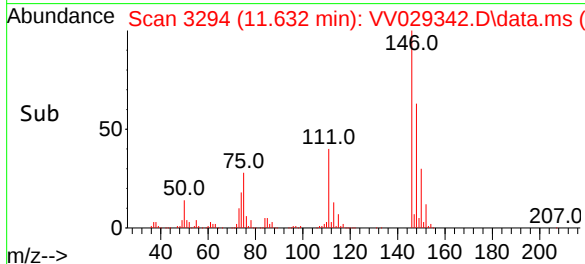
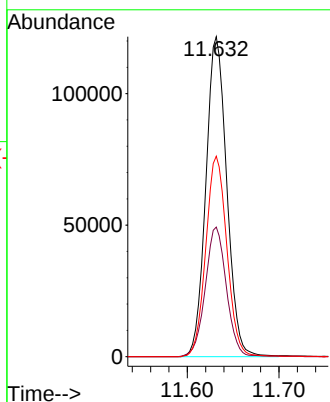
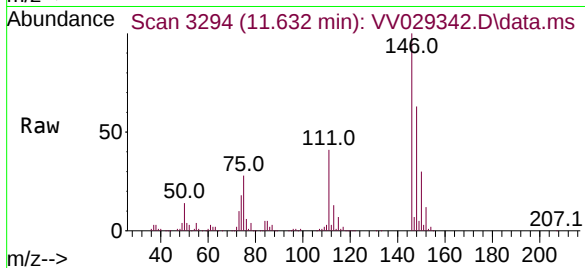




#67
1,2-Dichlorobenzene
Concen: 5.136 ug/L
RT: 11.632 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

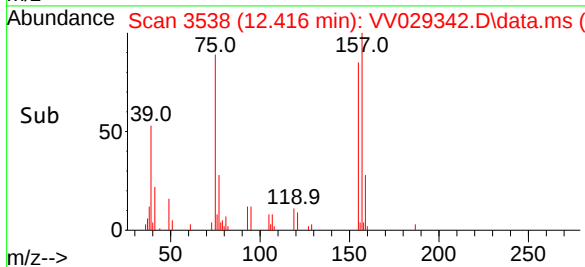
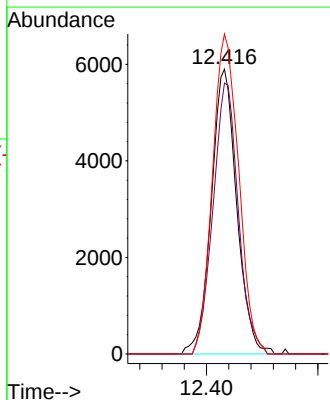
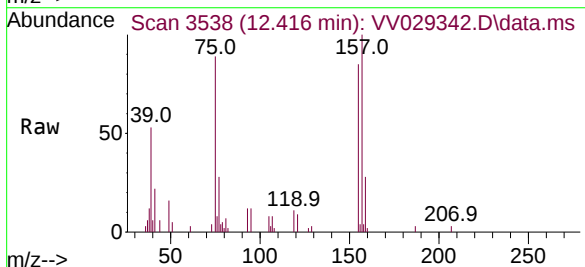
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

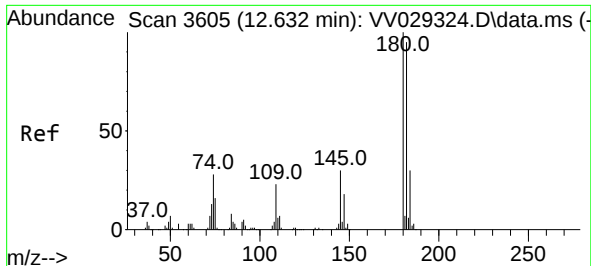
Tgt Ion:146 Resp: 192774
Ion Ratio Lower Upper
146 100
111 40.5 33.5 50.3
148 62.7 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.085 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029342.D
Acq: 25 Nov 2022 09:18

Tgt Ion: 75 Resp: 9356
Ion Ratio Lower Upper
75 100
155 95.1 76.6 115.0
157 112.4 96.9 145.3

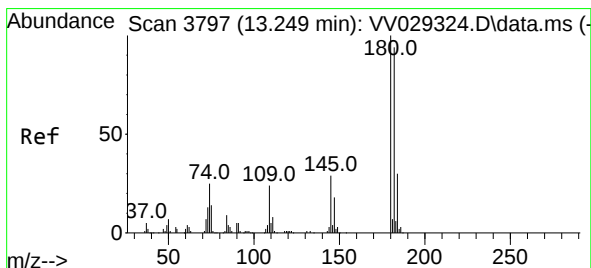
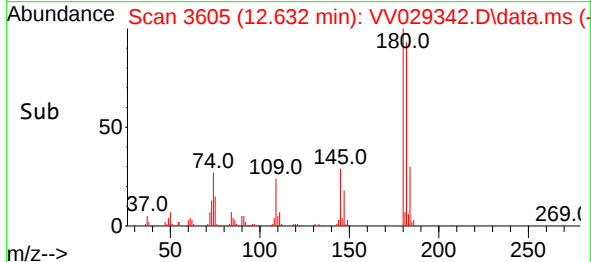
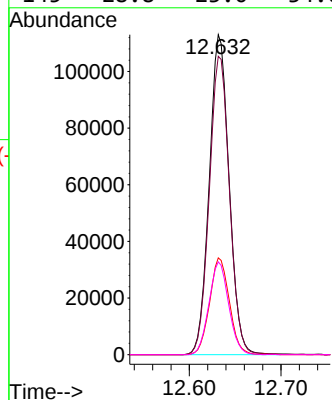
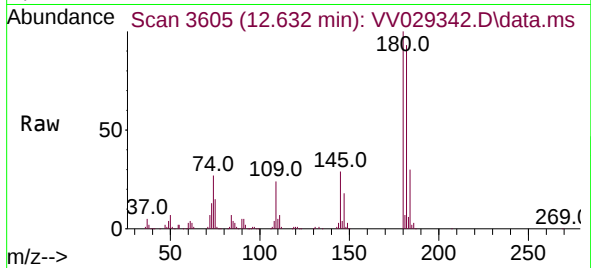




#69
 1,3,5-Trichlorobenzene
 Concen: 5.062 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

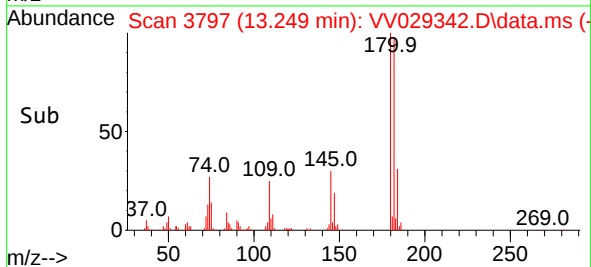
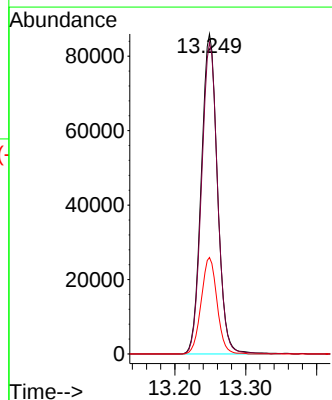
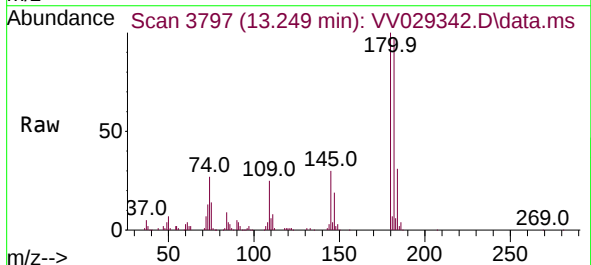
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

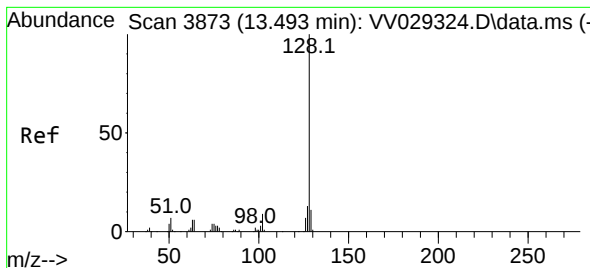
Tgt Ion:180	Resp:	169927
Ion	Ratio	Lower Upper
180	100	
182	94.9	77.0 115.6
184	30.2	24.4 36.6
145	28.8	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.994 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029342.D
 Acq: 25 Nov 2022 09:18

Tgt Ion:180	Resp:	135843
Ion	Ratio	Lower Upper
180	100	
182	96.6	76.2 114.4
145	29.5	23.4 35.0





#71

Naphthalene

Concen: 4.086 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

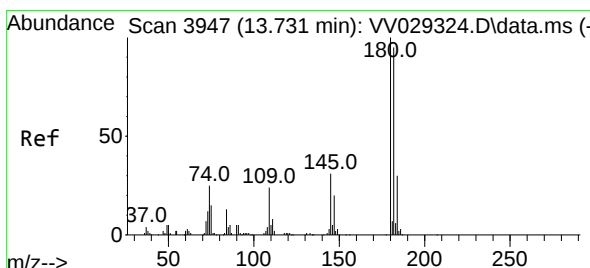
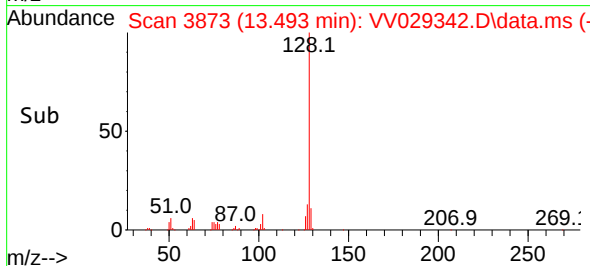
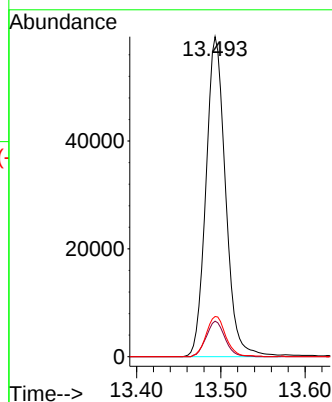
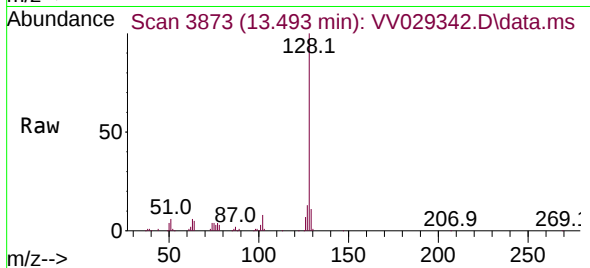
Tgt Ion:128 Resp: 96207

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.6 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.053 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029342.D

Acq: 25 Nov 2022 09:18

Tgt Ion:180 Resp: 111895

Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.4

145 31.1 25.2 37.8

