

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028901.D
 Acq On : 12 Nov 2022 01:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Nov 12 03:00:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	312678	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	145902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90612	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	80399	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	167774	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.883	46	198878	62.325	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.660%
24) Chloroform-d	4.342	84	202279	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.031	65	90793	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.047	84	413904	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.066	67	119964	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.310	98	378937	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.619	79	37680	4.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.085	63	185392	55.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	88449	5.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	133038	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118890	4.561	ug/L	97
3) Chloromethane	1.240	50	112172	5.185	ug/L	98
5) Vinyl chloride	1.310	62	119706	4.851	ug/L	98
6) Bromomethane	1.519	94	69090	4.685	ug/L	98
8) Chloroethane	1.584	64	70232	4.844	ug/L	99
9) Trichlorofluoromethane	1.751	101	164938	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92358	4.903	ug/L	99
12) 1,1-Dichloroethene	2.117	96	95335	5.037	ug/L	95
13) Acetone	2.172	43	111769	54.451	ug/L	83
14) Carbon disulfide	2.291	76	322078	4.792	ug/L	99
15) Methyl Acetate	2.436	43	26826	5.385	ug/L	95
16) Methylene chloride	2.503	84	108627	4.438	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	216788	5.342	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	110752	5.045	ug/L	96
19) 1,1-Dichloroethane	3.185	63	184023	5.128	ug/L	98
21) 2-Butanone	3.966	43	187794	59.093	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	115627	5.181	ug/L	100
23) Bromochloromethane	4.246	128	49122	5.204	ug/L	96
25) Chloroform	4.368	83	193652	5.147	ug/L	97

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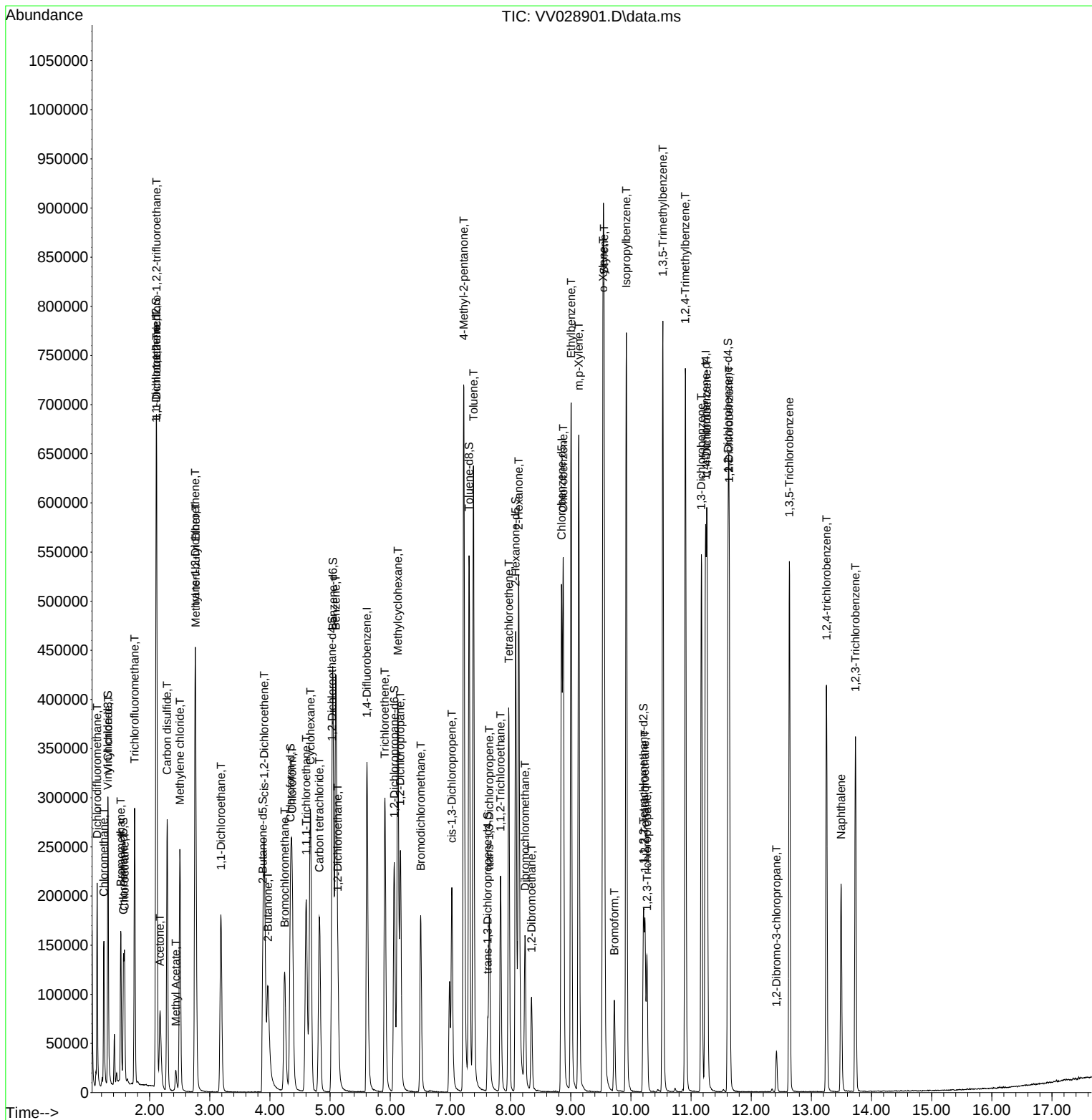
Instrument :
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 ClientSampleId :
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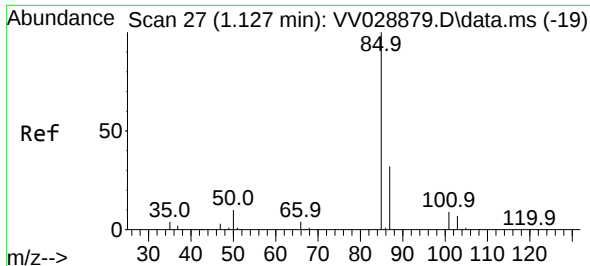
Quant Time: Nov 12 03:00:57 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	103969	5.365	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	164200	4.882	ug/L	98
30) Cyclohexane	4.674	56	160503	4.695	ug/L	100
31) Carbon tetrachloride	4.822	117	140779	4.860	ug/L	99
33) Benzene	5.095	78	443483	5.063	ug/L	100
34) Trichloroethene	5.908	95	111655	4.979	ug/L	98
35) Methylcyclohexane	6.127	83	179567	4.556	ug/L	99
37) 1,2-Dichloropropane	6.169	63	100019	4.951	ug/L	100
38) Bromodichloromethane	6.506	83	124758	4.877	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	140186	4.971	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	475706	54.737	ug/L	98
42) Toluene	7.384	91	490953	5.188	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	109051	4.981	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	70664	5.344	ug/L	98
47) Tetrachloroethene	7.969	164	90023	5.013	ug/L	97
48) 2-Hexanone	8.133	43	327746	53.837	ug/L	98
49) Dibromochloromethane	8.239	129	80609	5.042	ug/L	96
50) 1,2-Dibromoethane	8.349	107	64388	5.241	ug/L	97
51) Chlorobenzene	8.876	112	305196	5.216	ug/L	100
52) Ethylbenzene	9.008	91	503742	5.113	ug/L	99
53) m,p-Xylene	9.133	106	199372	5.088	ug/L	97
54) o-Xylene	9.538	106	197387	5.299	ug/L	99
55) Styrene	9.554	104	335655	5.373	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	84155	5.460	ug/L	99
59) Bromoform	9.725	173	42827	5.384	ug/L	99
60) Isopropylbenzene	9.924	105	515638	5.445	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	57545	5.771	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	428473	5.341	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	419745	5.223	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	233538	5.248	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	230982	5.164	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	207698	5.195	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	10414	5.308	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	172387	5.022	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	132775	5.113	ug/L	98
71) Naphthalene	13.493	128	173827	5.188	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	113057	5.141	ug/L	98

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

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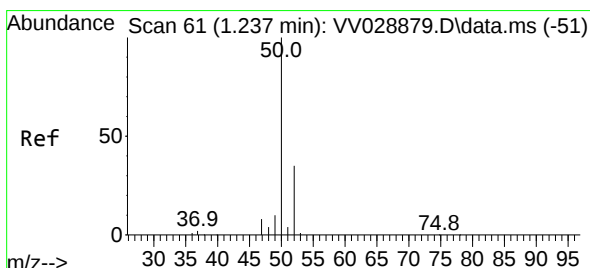
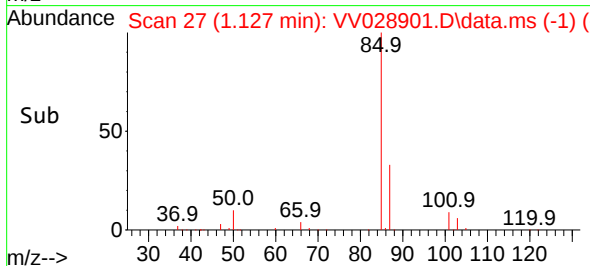
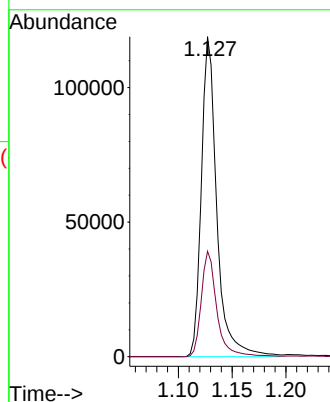
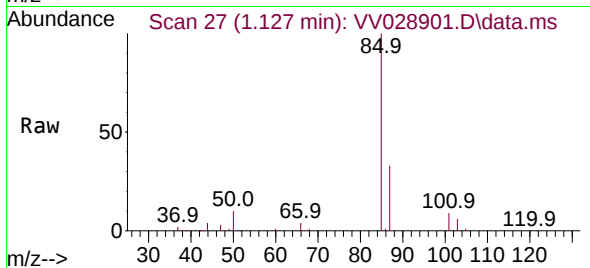




#2
 Dichlorodifluoromethane
 Concen: 4.561 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

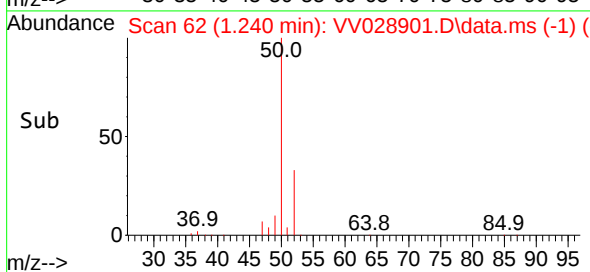
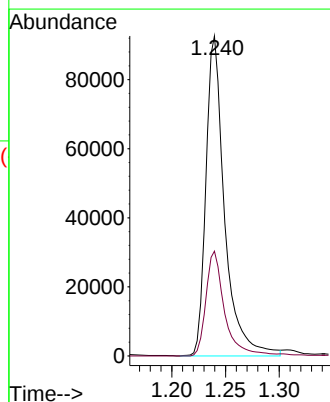
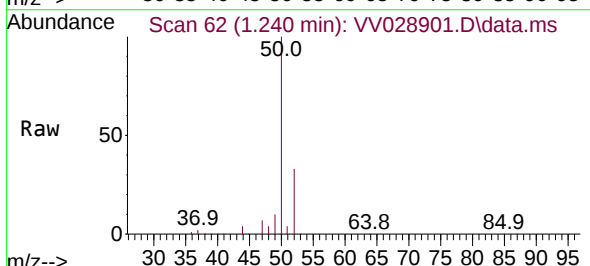
Instrument :
 MSVOA_V
 ClientSampleId :
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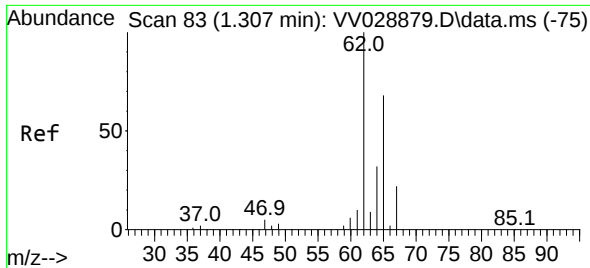
Tgt Ion: 85 Resp: 118890
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4



#3
 Chloromethane
 Concen: 5.185 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

Tgt Ion: 50 Resp: 112172
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

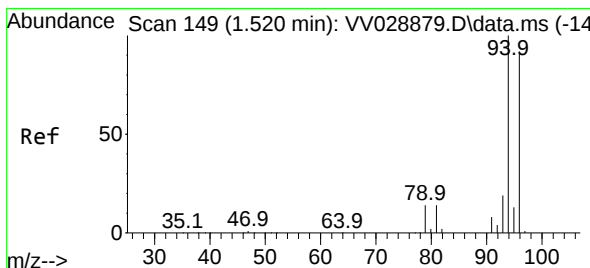
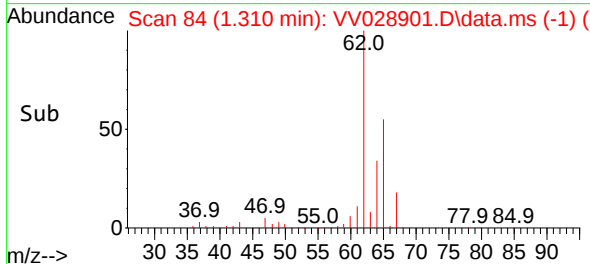
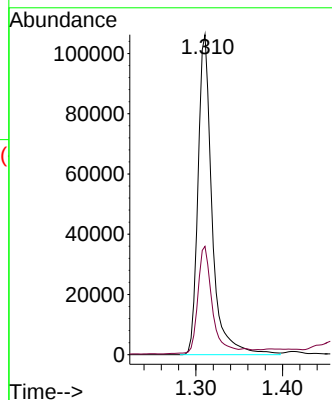
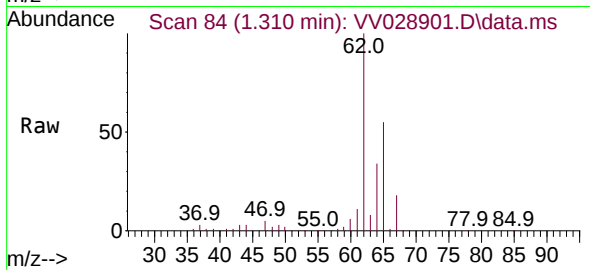




#5
 Vinyl chloride
 Concen: 4.851 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

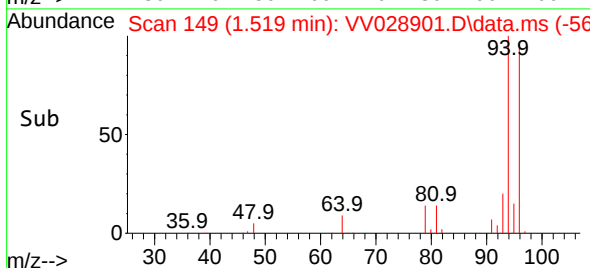
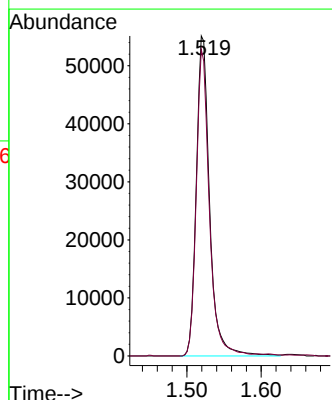
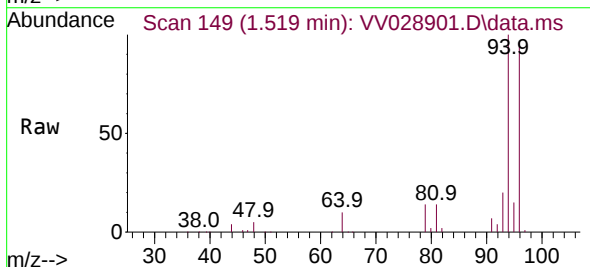
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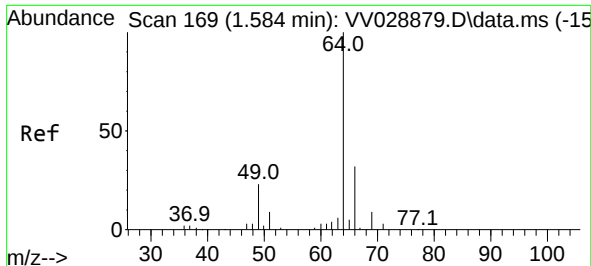
Tgt Ion: 62 Resp: 119706
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.8 42.4



#6
 Bromomethane
 Concen: 4.685 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

Tgt Ion: 94 Resp: 69090
 Ion Ratio Lower Upper
 94 100
 96 95.7 68.5 127.3

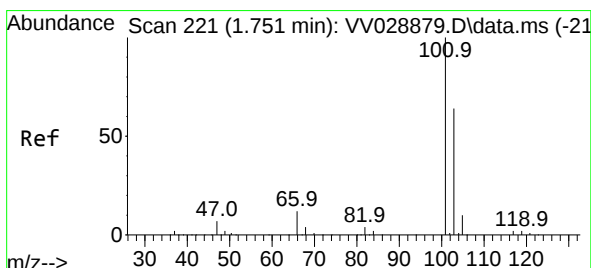
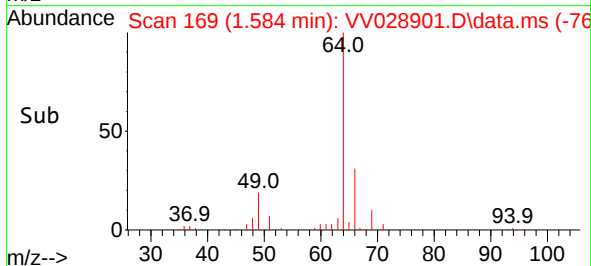
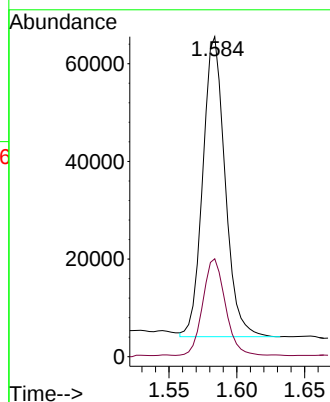
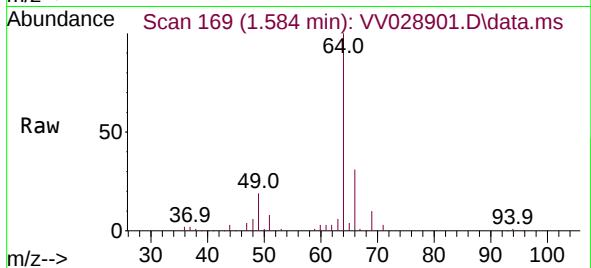




#8
Chloroethane
Concen: 4.844 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

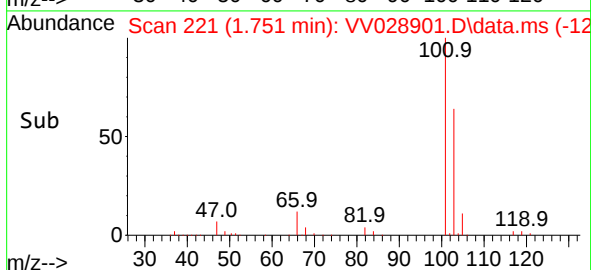
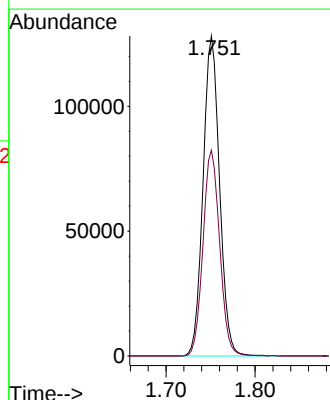
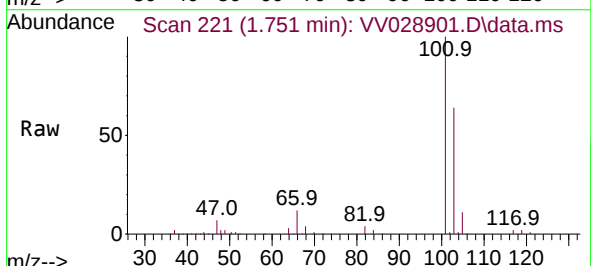
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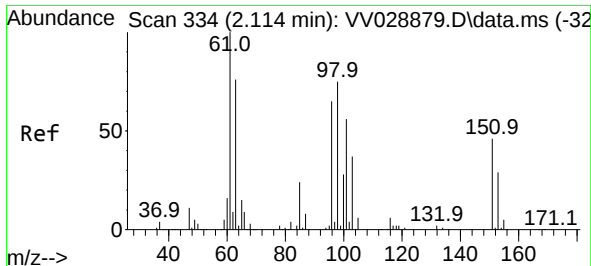
Tgt Ion: 64 Resp: 70232
Ion Ratio Lower Upper
64 100
66 30.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.957 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 101 Resp: 164938
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

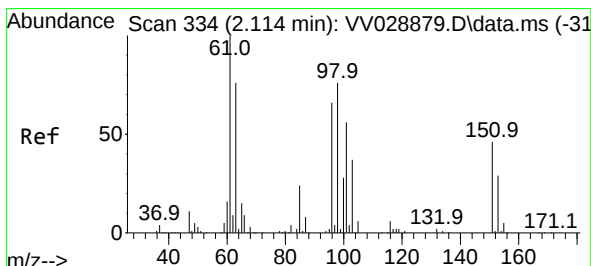
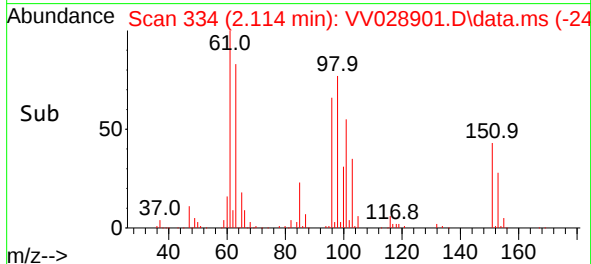
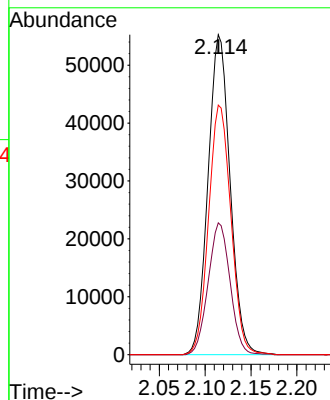
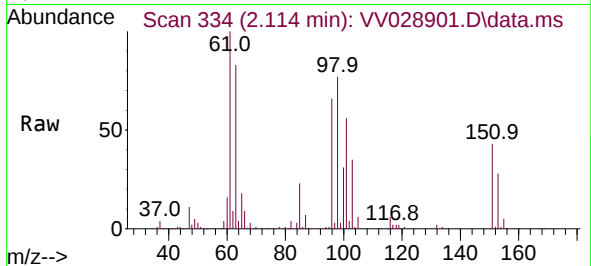




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.903 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

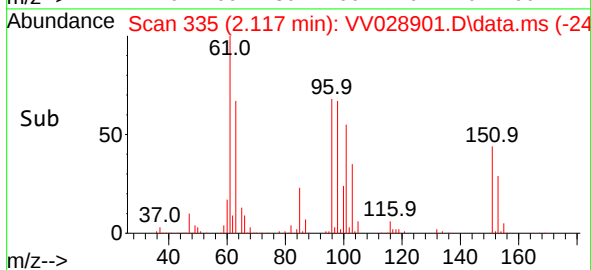
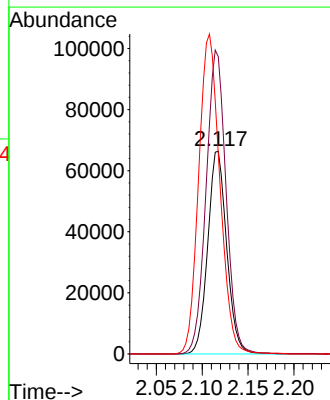
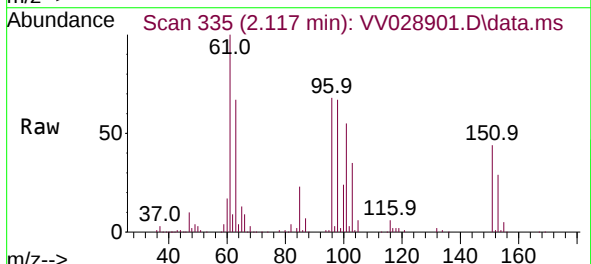
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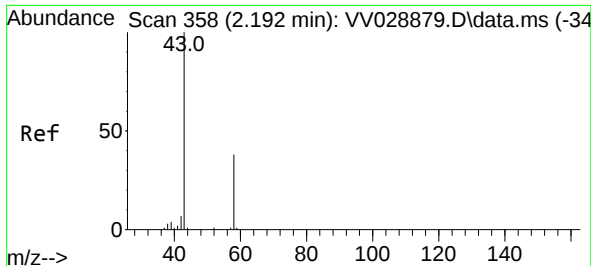
Tgt Ion:101 Resp: 92358
 Ion Ratio Lower Upper
 101 100
 85 40.9 32.9 49.3
 151 78.9 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.037 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

Tgt Ion: 96 Resp: 95335
 Ion Ratio Lower Upper
 96 100
 61 146.6 104.2 193.4
 63 98.8 75.9 140.9

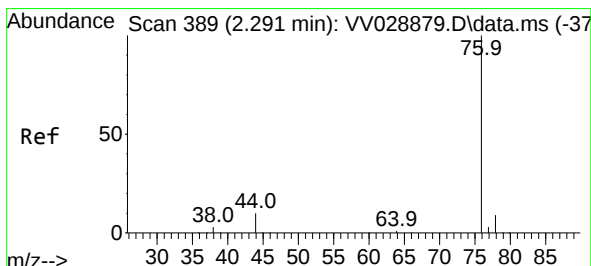
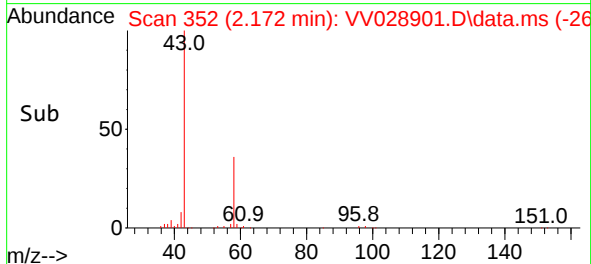
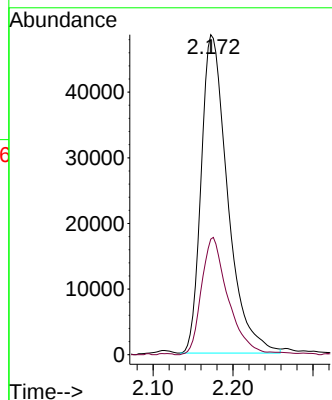
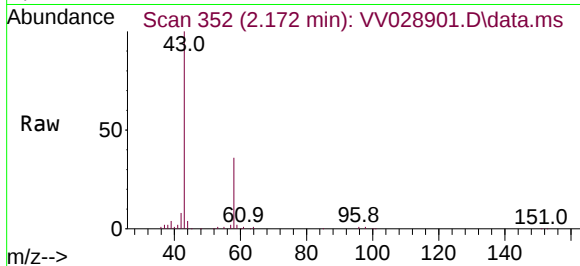




#13
Acetone
Concen: 54.451 ug/L
RT: 2.172 min Scan# 311
Delta R.T. -0.019 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

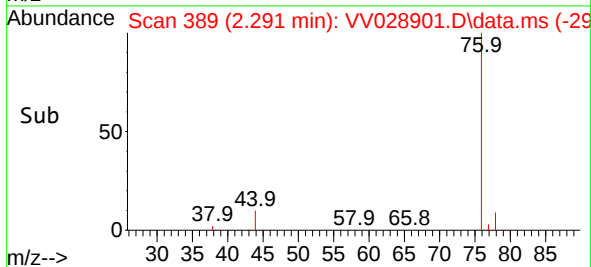
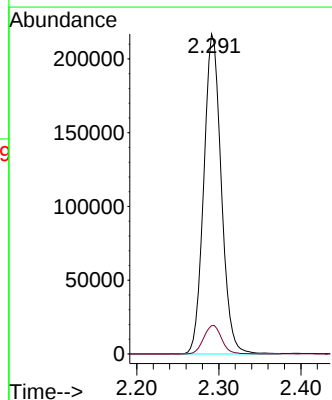
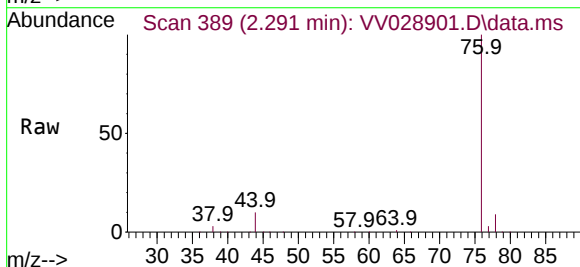
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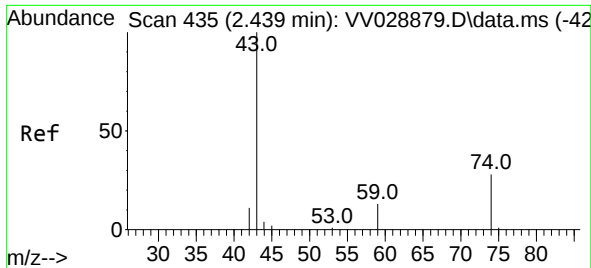
Tgt Ion: 43 Resp: 111769
Ion Ratio Lower Upper
43 100
58 37.4 0.0 56.6



#14
Carbon disulfide
Concen: 4.792 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 76 Resp: 322078
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 5.385 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

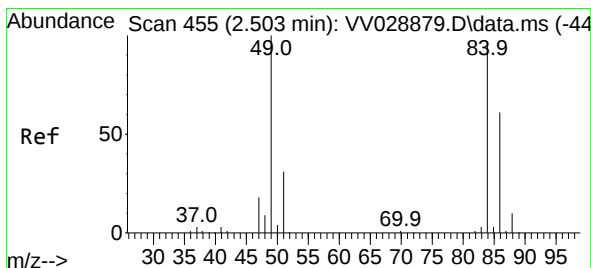
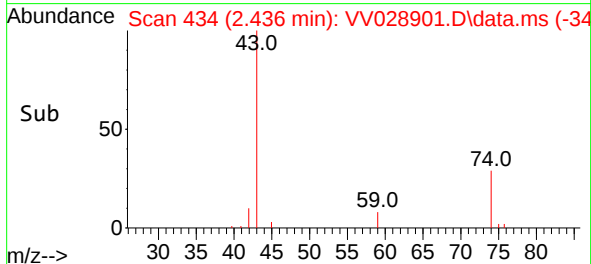
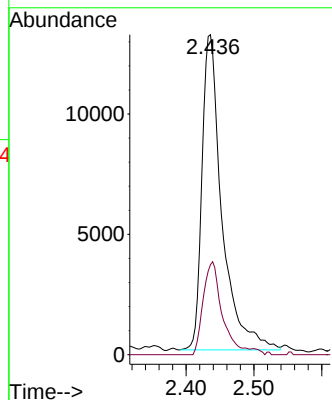
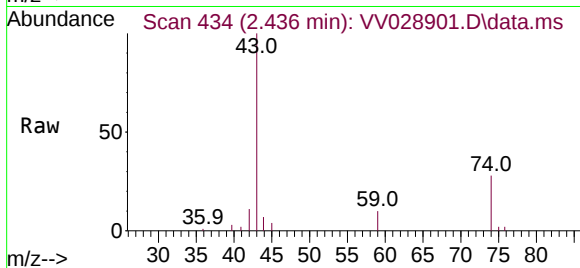
VSTD005342

Tgt Ion: 43 Resp: 26826

Ion Ratio Lower Upper

43 100

74 27.9 24.6 37.0



#16

Methylene chloride

Concen: 4.438 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

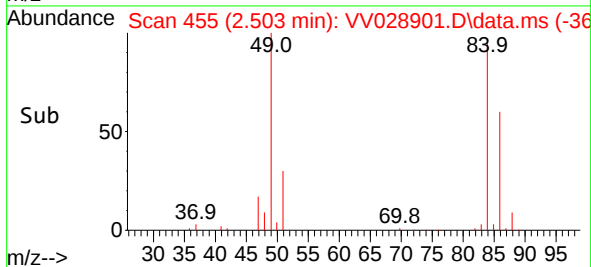
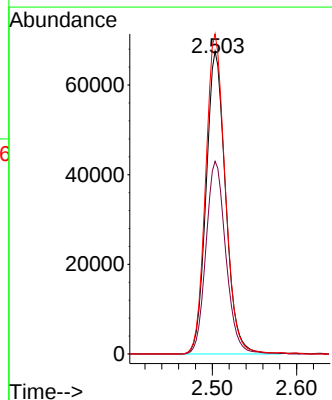
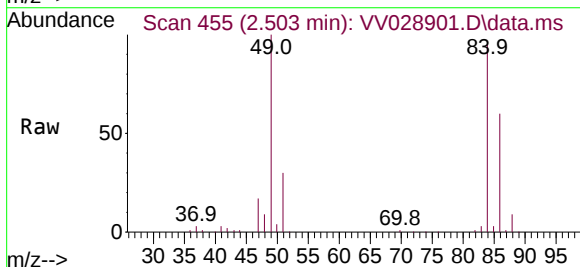
Tgt Ion: 84 Resp: 108627

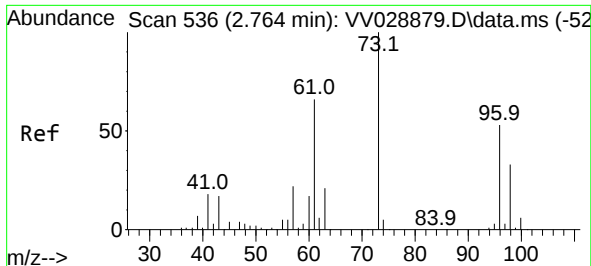
Ion Ratio Lower Upper

84 100

86 63.7 45.8 85.0

49 105.7 75.5 140.1



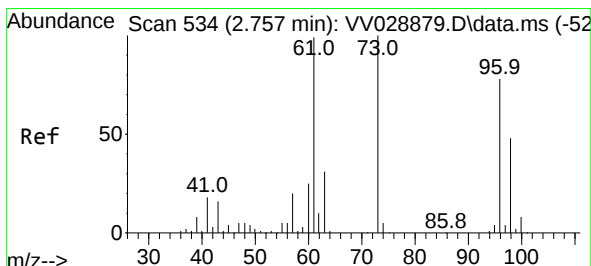
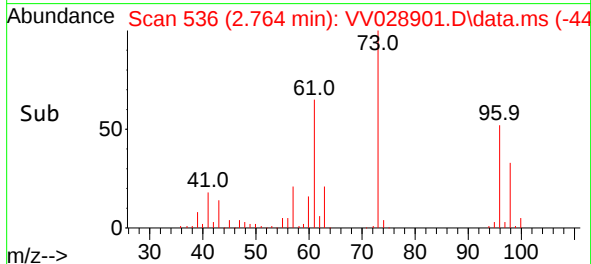
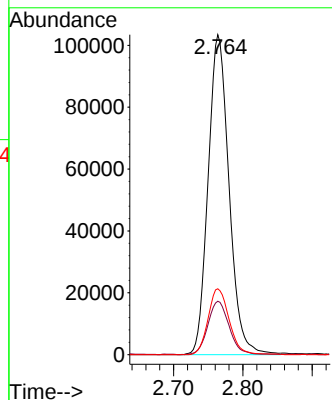
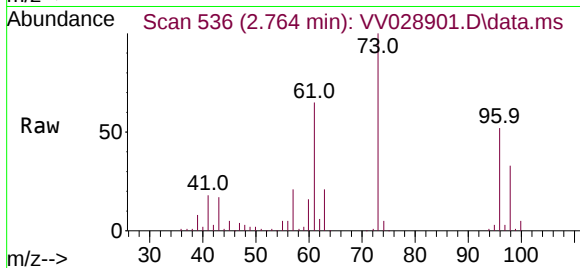


#17
Methyl tert-butyl Ether
Concen: 5.342 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion: 73 Resp: 216788

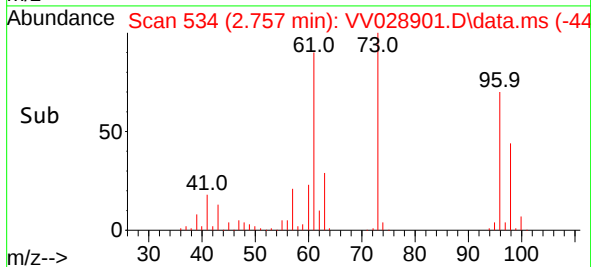
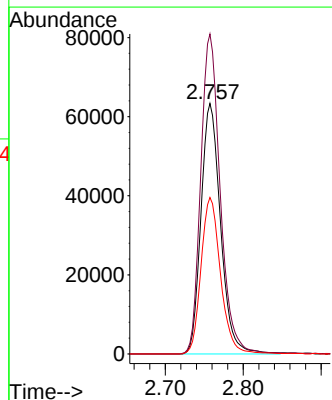
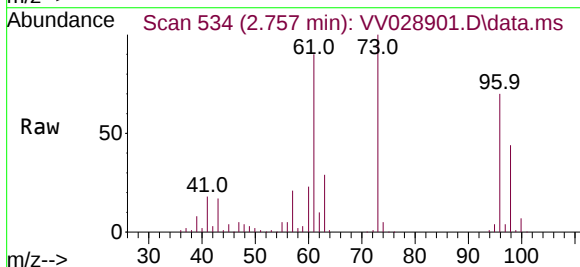
Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.0	19.4
57	20.8	16.6	24.8

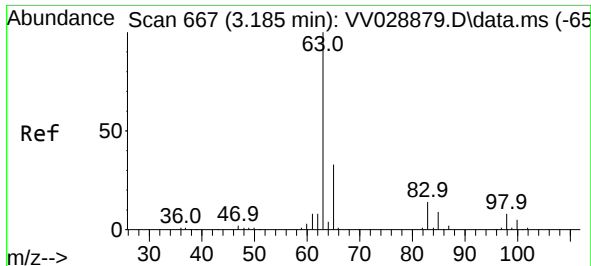


#18
trans-1,2-Dichloroethene
Concen: 5.045 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 96 Resp: 110752

Ion	Ratio	Lower	Upper
96	100		
61	127.7	91.8	170.6
98	62.4	46.4	86.2





#19

1,1-Dichloroethane

Concen: 5.128 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

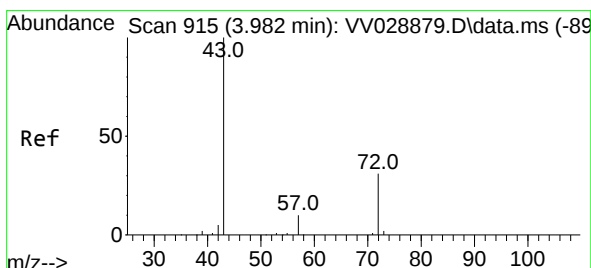
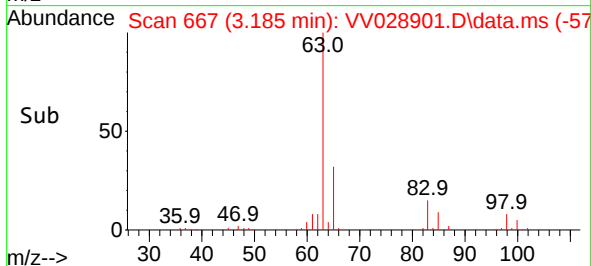
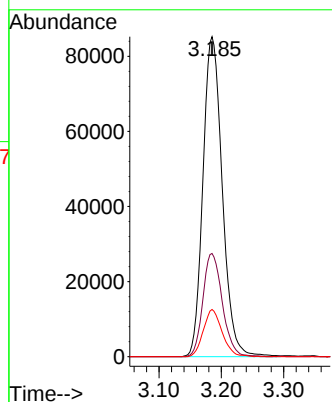
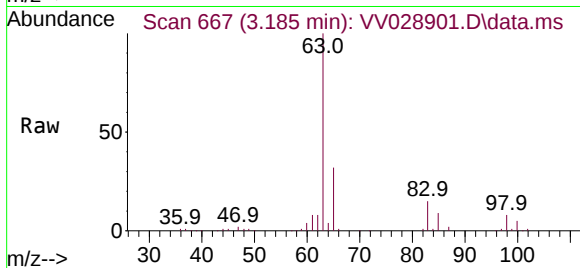
Tgt Ion: 63 Resp: 184023

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 14.8 9.4 17.6



#21

2-Butanone

Concen: 59.093 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.016 min

Lab File: VV028901.D

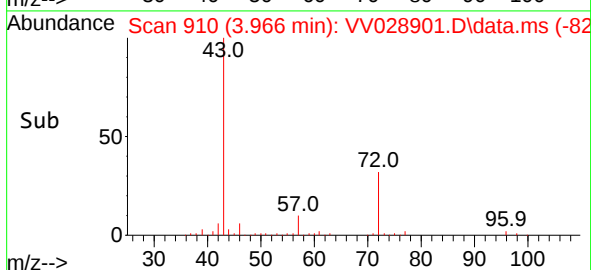
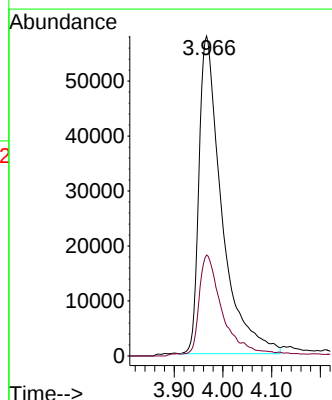
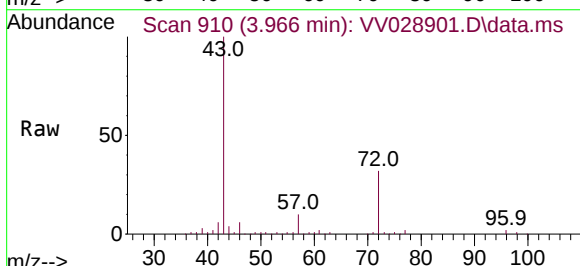
Acq: 12 Nov 2022 01:45

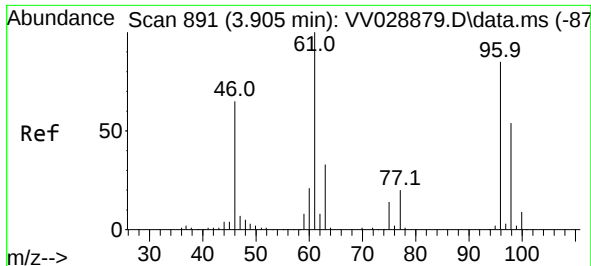
Tgt Ion: 43 Resp: 187794

Ion Ratio Lower Upper

43 100

72 31.5 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.181 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

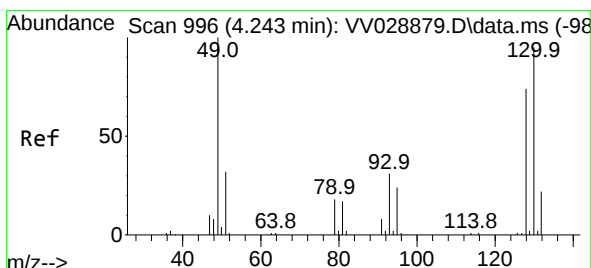
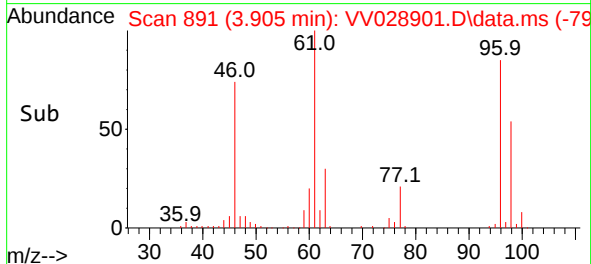
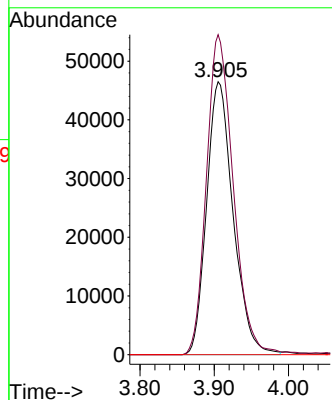
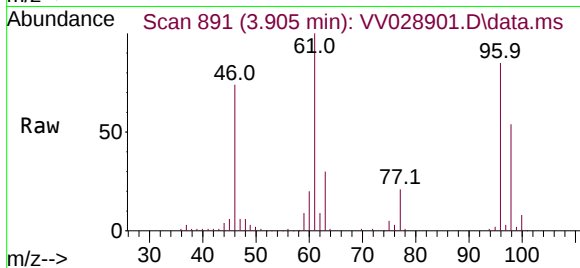
Tgt Ion: 96 Resp: 115627

Ion Ratio Lower Upper

96 100

61 117.3 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.204 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Tgt Ion: 128 Resp: 49122

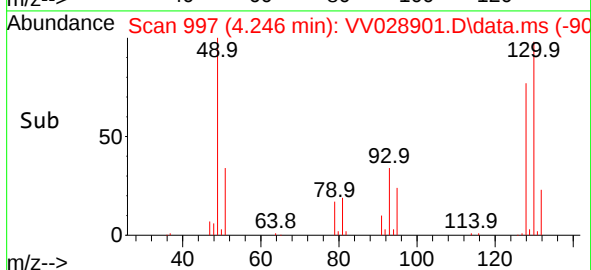
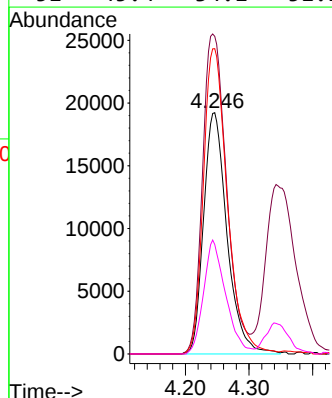
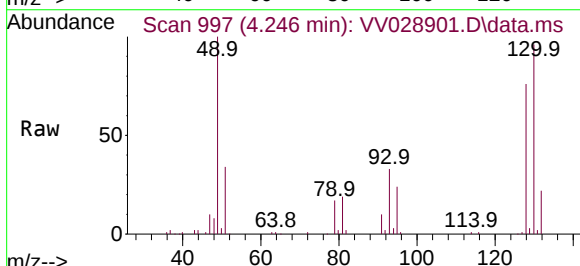
Ion Ratio Lower Upper

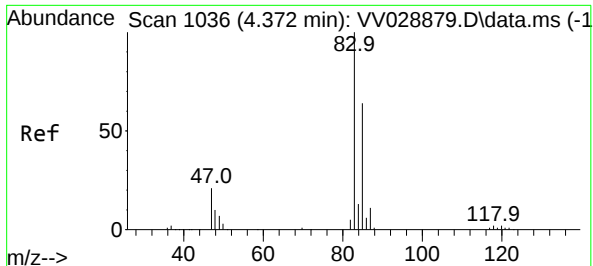
128 100

49 131.6 89.5 166.1

130 126.5 84.4 156.8

51 45.4 34.1 51.1





#25

Chloroform

Concen: 5.147 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

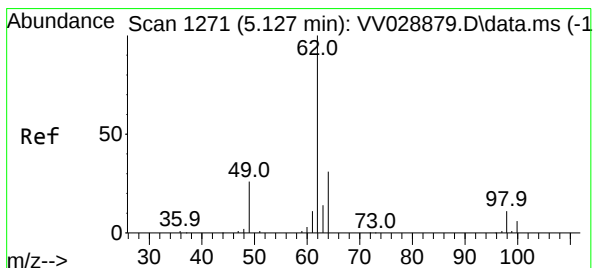
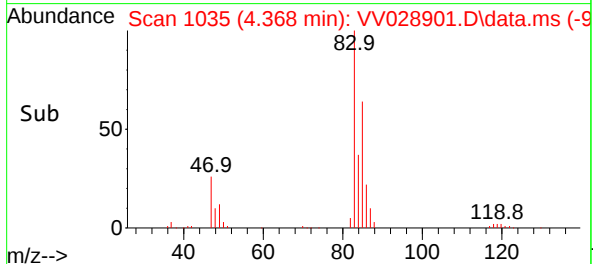
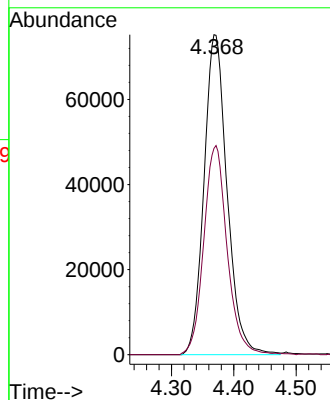
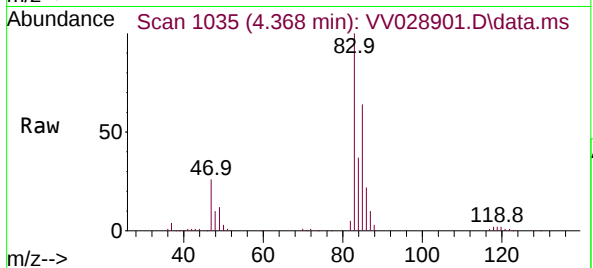
VSTD005342

Tgt Ion: 83 Resp: 193652

Ion Ratio Lower Upper

83 100

85 64.4 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.365 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV028901.D

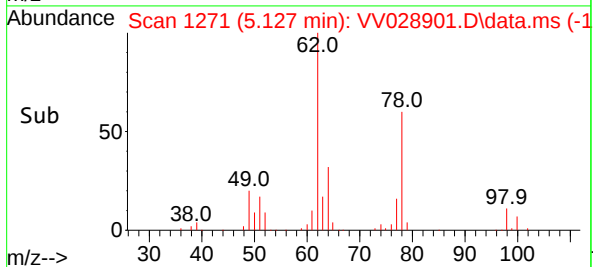
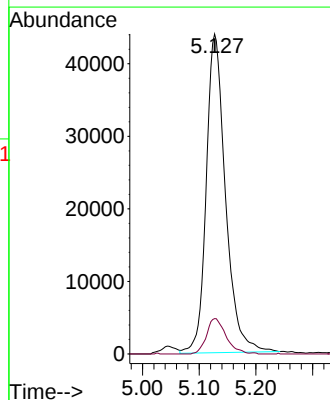
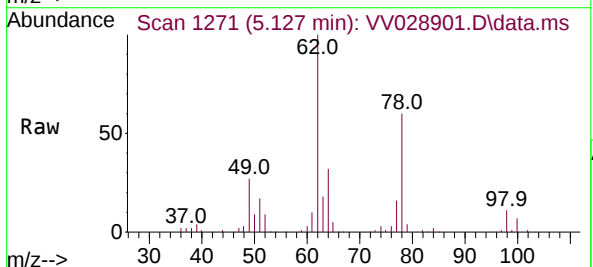
Acq: 12 Nov 2022 01:45

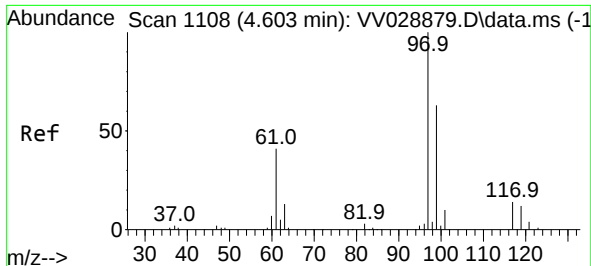
Tgt Ion: 62 Resp: 103969

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.882 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

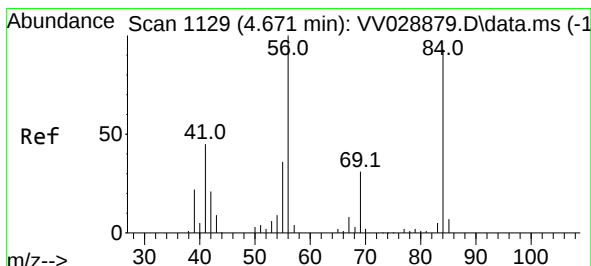
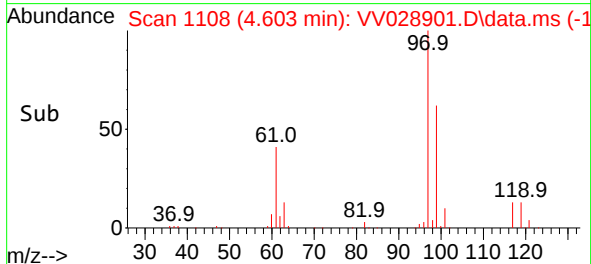
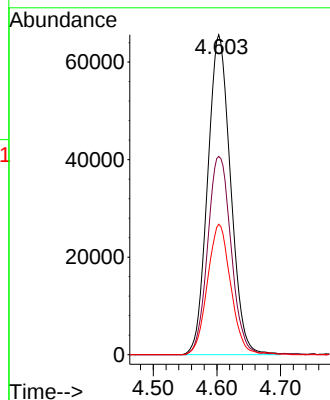
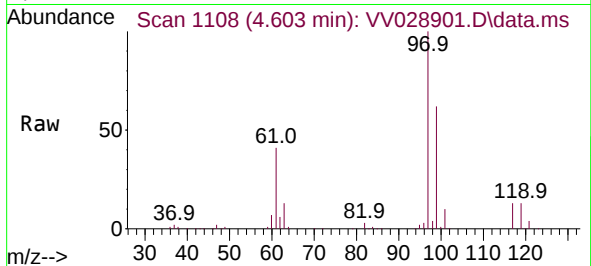
Tgt Ion: 97 Resp: 164200

Ion Ratio Lower Upper

97 100

99 63.7 52.7 79.1

61 41.3 33.8 50.6



#30

Cyclohexane

Concen: 4.695 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

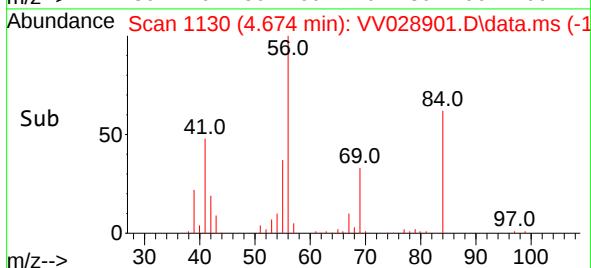
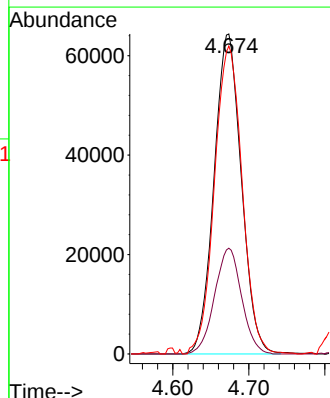
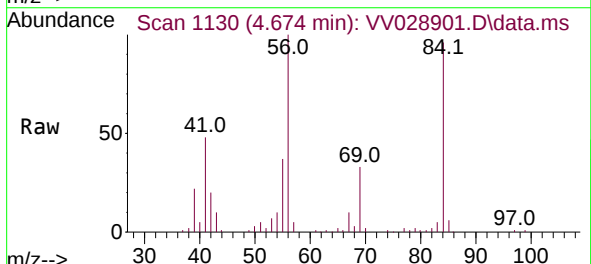
Tgt Ion: 56 Resp: 160503

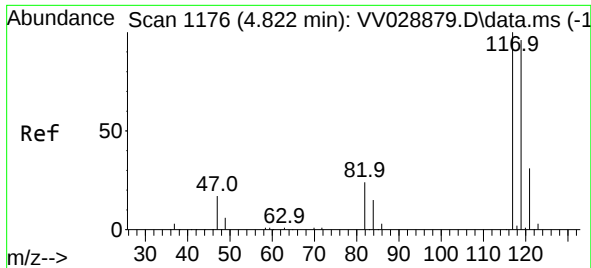
Ion Ratio Lower Upper

56 100

69 32.7 26.1 39.1

84 97.7 77.9 116.9

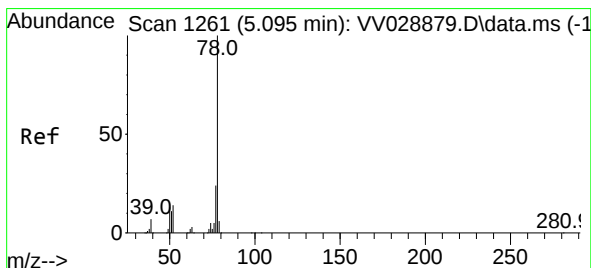
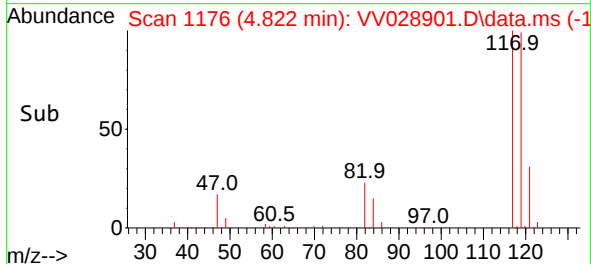
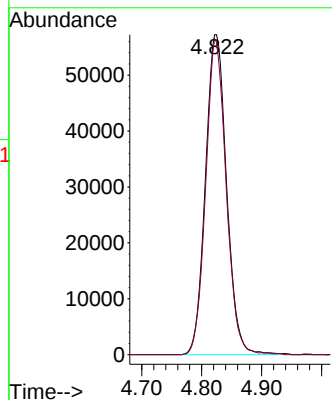
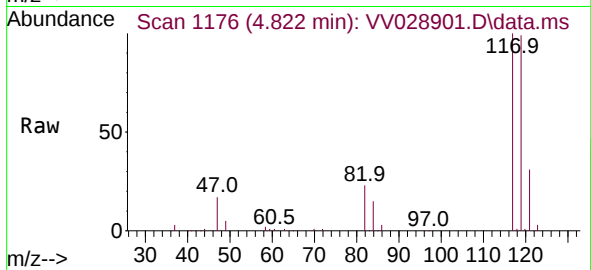




#31
Carbon tetrachloride
Concen: 4.860 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

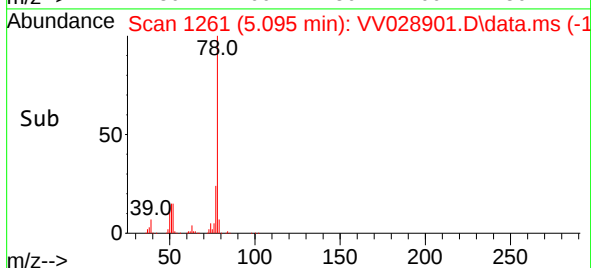
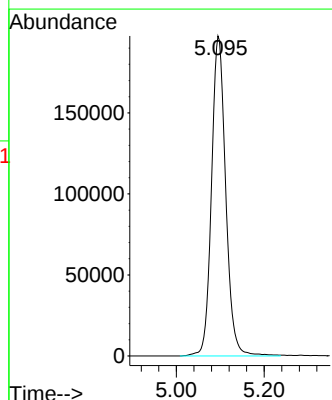
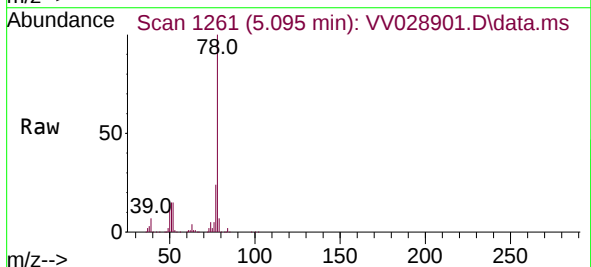
Instrument : MSVOA_V
ClientSampleId : VSTD005342

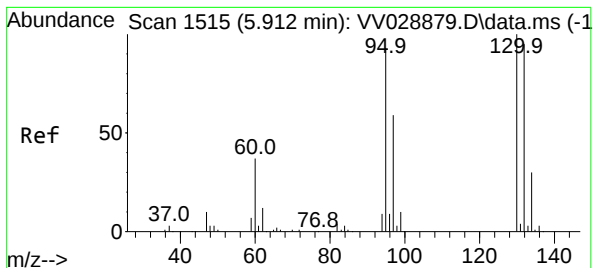
Tgt Ion:117 Resp: 140779
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6



#33
Benzene
Concen: 5.063 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 78 Resp: 443483





#34

Trichloroethene

Concen: 4.979 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

Tgt Ion: 95 Resp: 111655

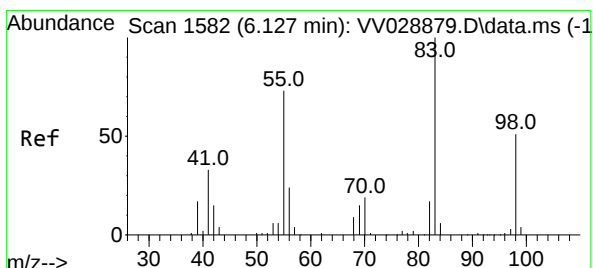
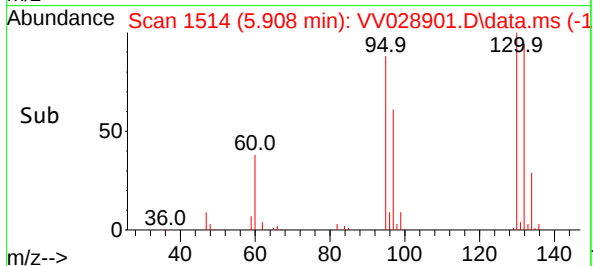
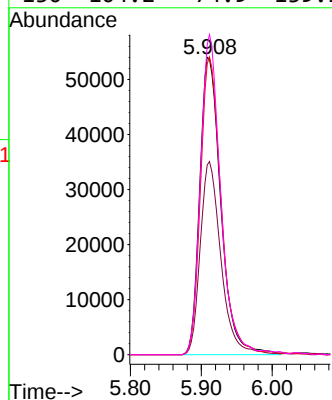
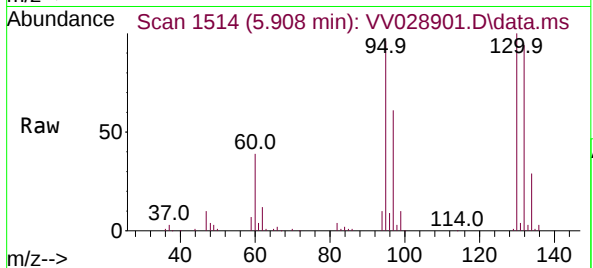
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.8

132 97.8 69.1 128.3

130 104.2 74.9 139.1



#35

Methylcyclohexane

Concen: 4.556 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

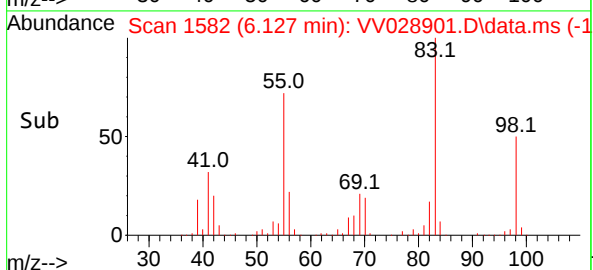
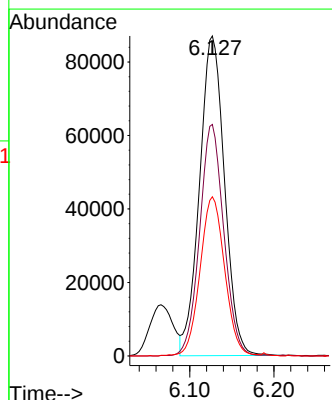
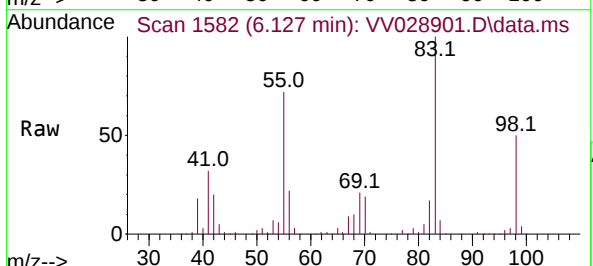
Tgt Ion: 83 Resp: 179567

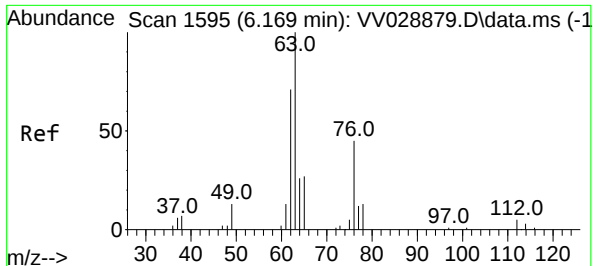
Ion Ratio Lower Upper

83 100

55 69.7 55.8 83.6

98 49.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 4.951 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

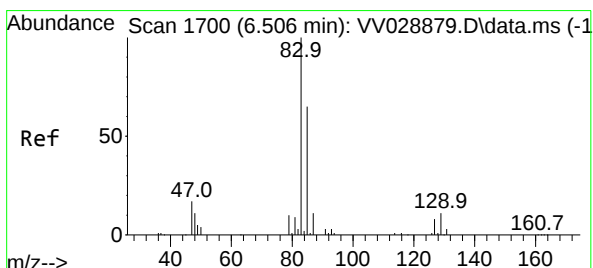
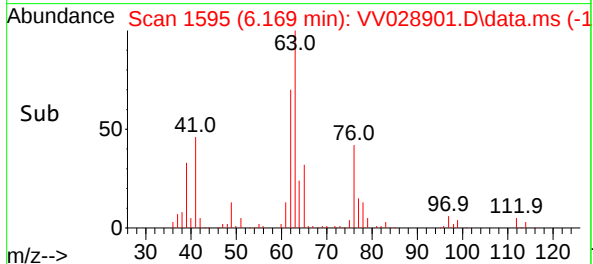
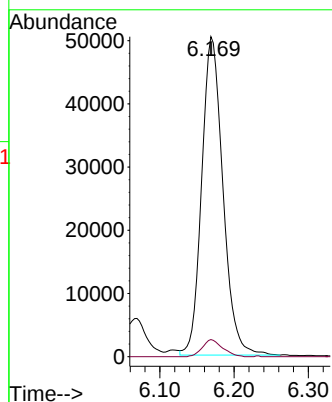
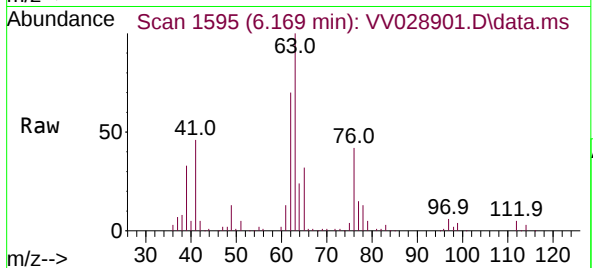
VSTD005342

Tgt Ion: 63 Resp: 100019

Ion Ratio Lower Upper

63 100

112 5.1 4.0 6.0



#38

Bromodichloromethane

Concen: 4.877 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

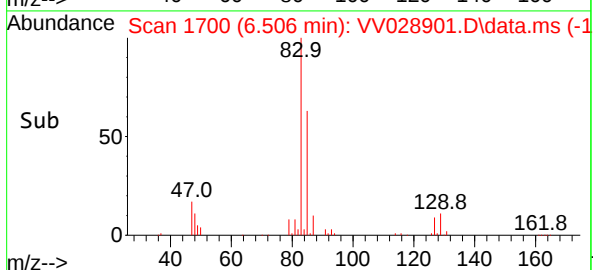
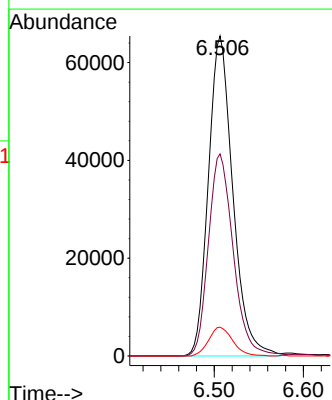
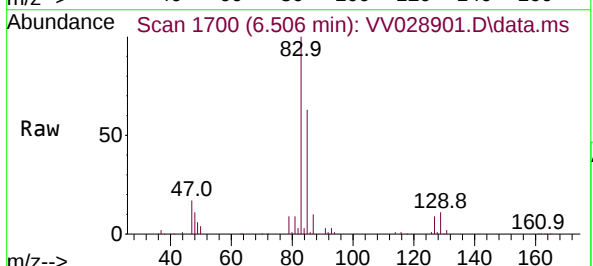
Tgt Ion: 83 Resp: 124758

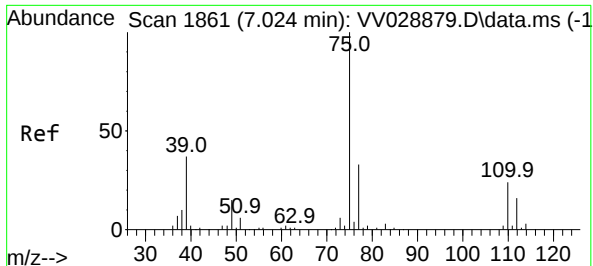
Ion Ratio Lower Upper

83 100

85 63.2 46.1 85.5

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.971 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

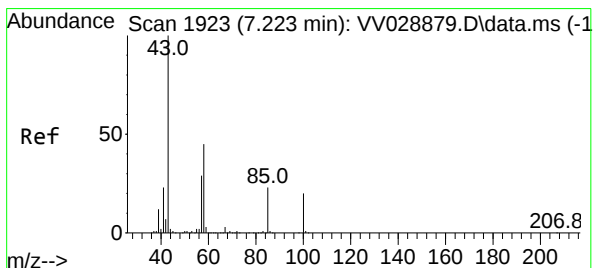
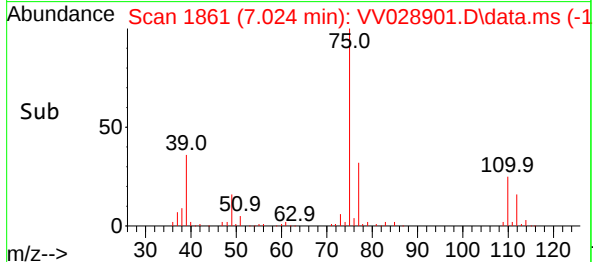
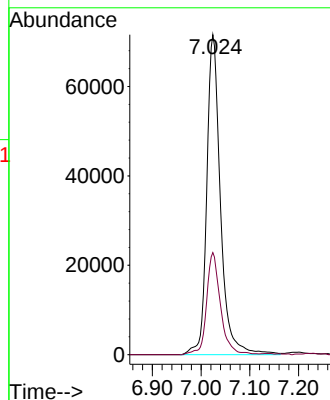
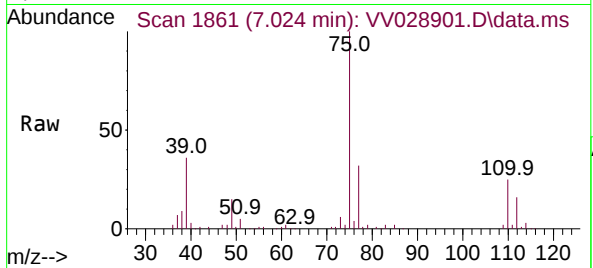
VSTD005342

Tgt Ion: 75 Resp: 140186

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.737 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

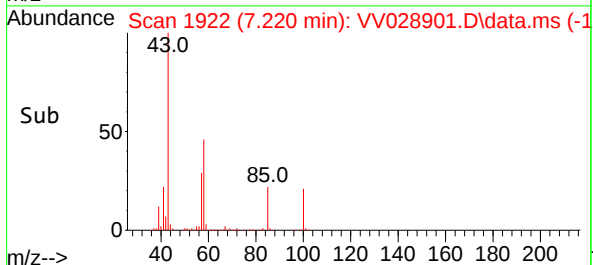
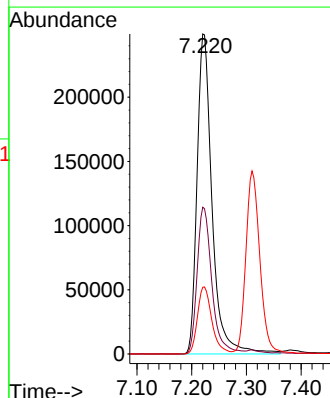
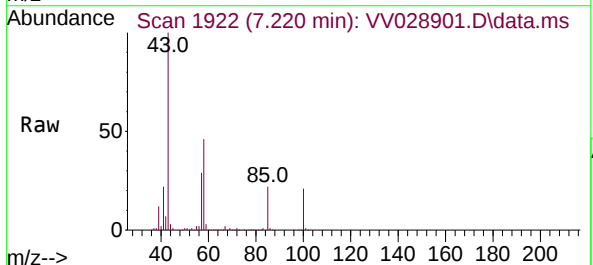
Tgt Ion: 43 Resp: 475706

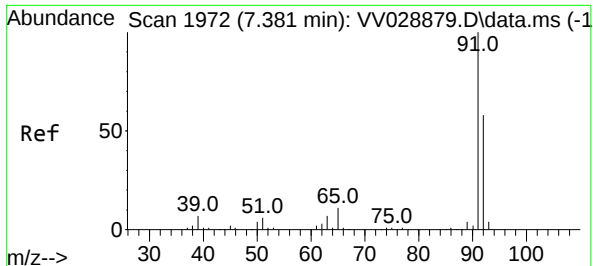
Ion Ratio Lower Upper

43 100

58 45.0 36.6 55.0

100 20.1 14.5 21.7





#42

Toluene

Concen: 5.188 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

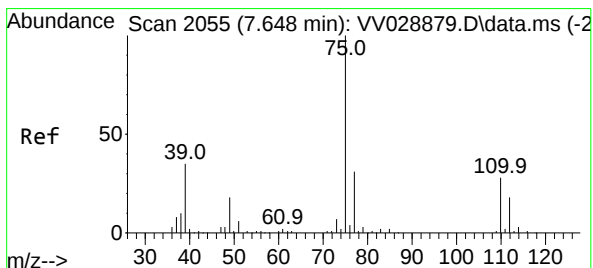
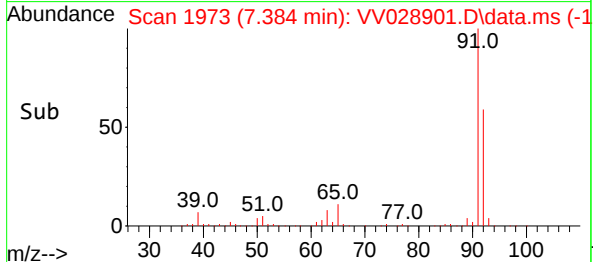
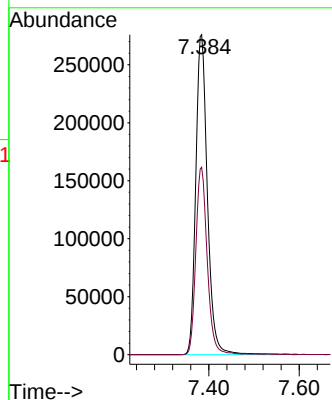
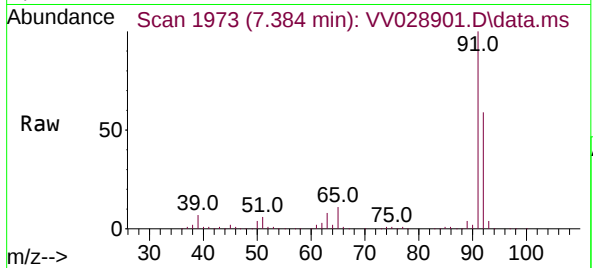
VSTD005342

Tgt Ion: 91 Resp: 490953

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.981 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028901.D

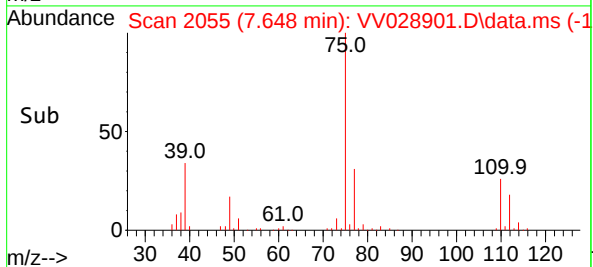
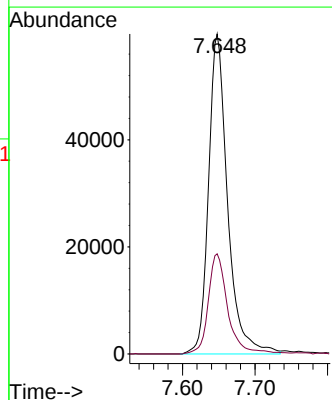
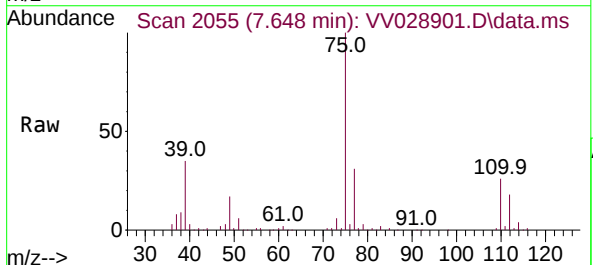
Acq: 12 Nov 2022 01:45

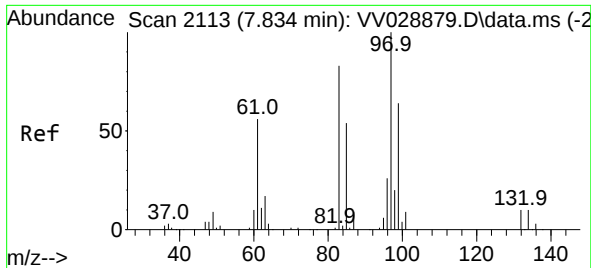
Tgt Ion: 75 Resp: 109051

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2

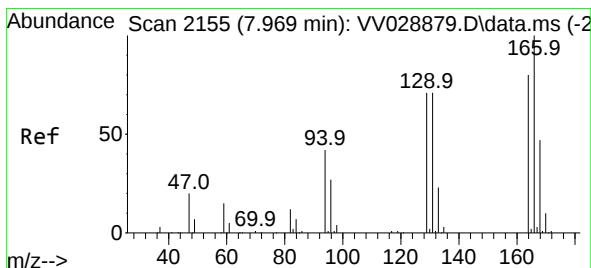
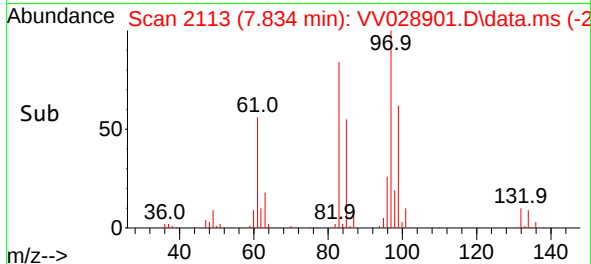
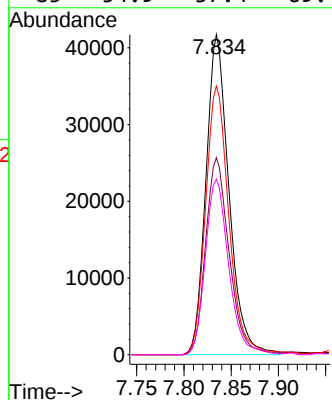
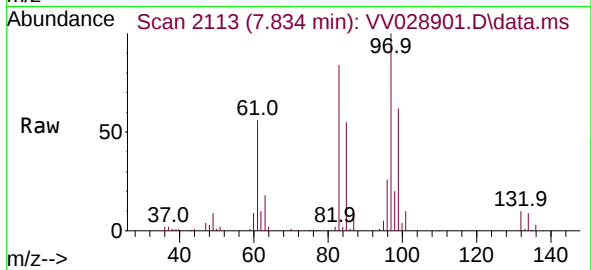




#45
1,1,2-Trichloroethane
Concen: 5.344 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

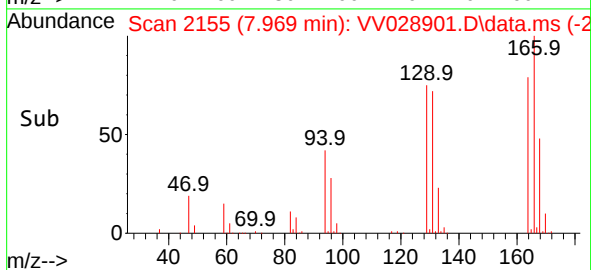
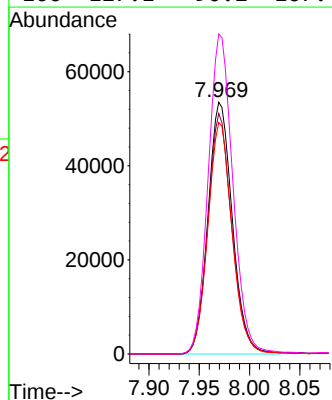
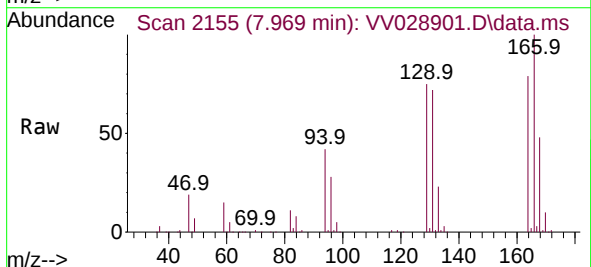
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

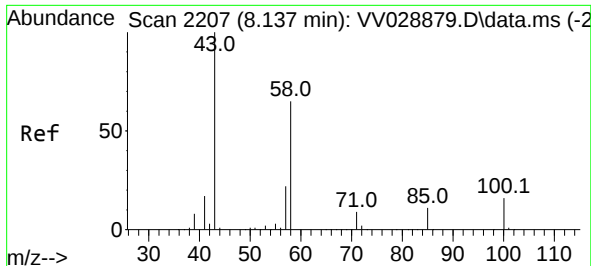
Tgt Ion:	97	Resp:	70664
Ion	Ratio	Lower	Upper
97	100		
99	61.6	41.5	77.1
83	83.9	60.0	111.4
85	54.9	37.4	69.4



#47
Tetrachloroethene
Concen: 5.013 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:	164	Resp:	90023
Ion	Ratio	Lower	Upper
164	100		
129	95.5	63.9	118.7
131	91.9	61.8	114.8
166	127.1	90.2	167.4

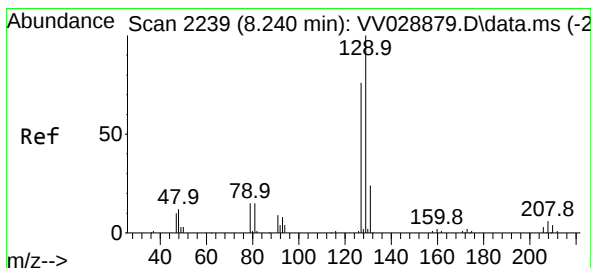
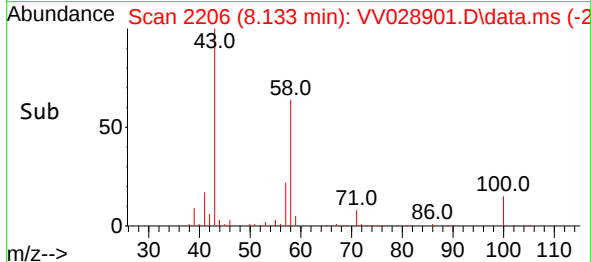
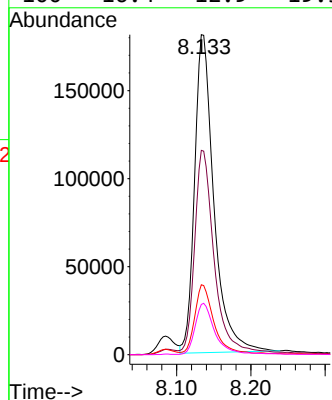
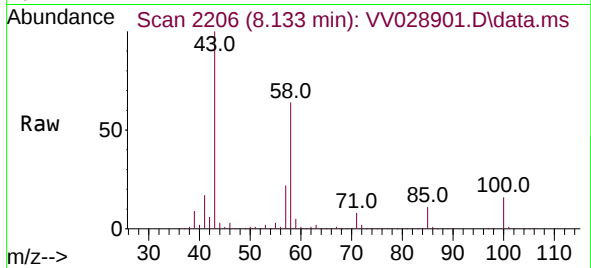




#48
2-Hexanone
Concen: 53.837 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. -0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

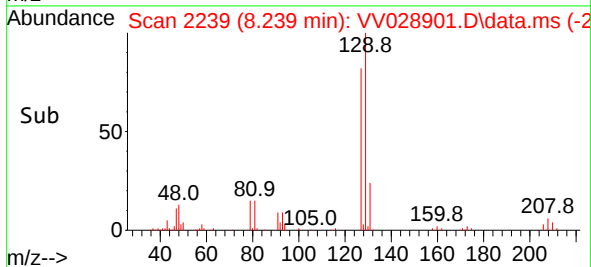
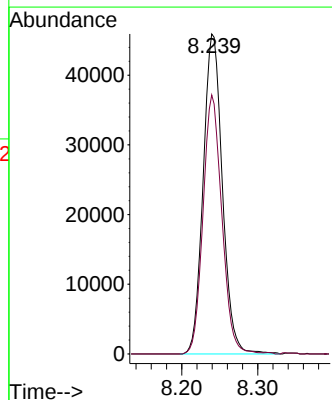
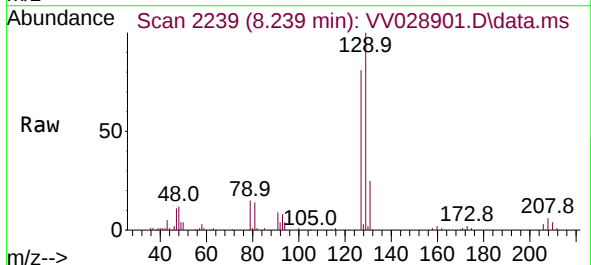
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

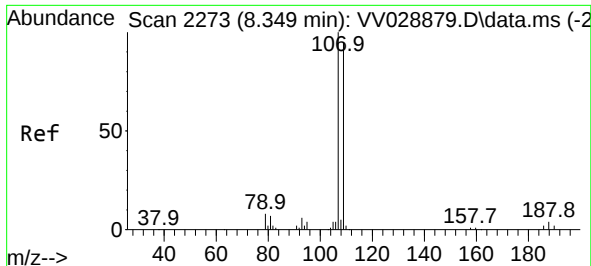
Tgt Ion:	43	Resp:	327746
Ion	Ratio	Lower	Upper
43	100		
58	64.6	50.2	75.4
57	20.9	17.8	26.8
100	16.4	12.9	19.3



#49
Dibromochloromethane
Concen: 5.042 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:	129	Resp:	80609
Ion	Ratio	Lower	Upper
129	100		
127	81.0	54.5	101.1

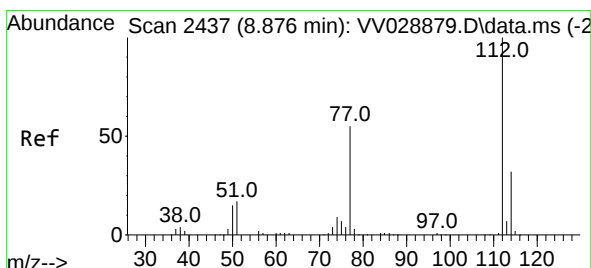
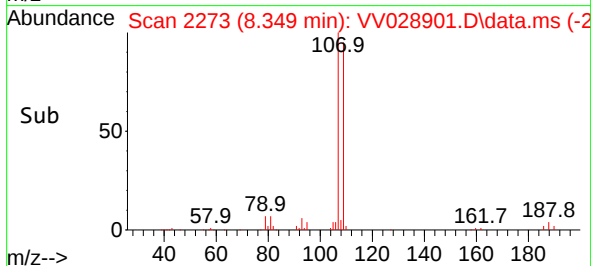
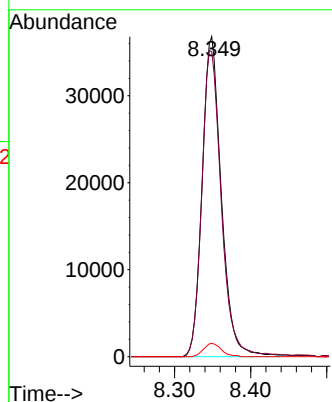
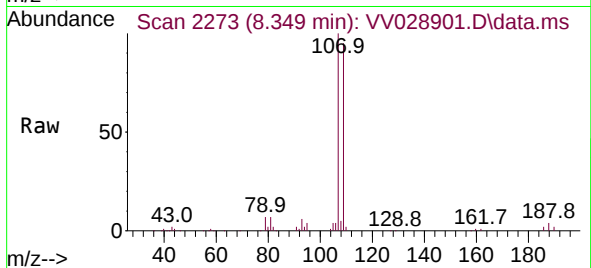




#50
1,2-Dibromoethane
Concen: 5.241 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

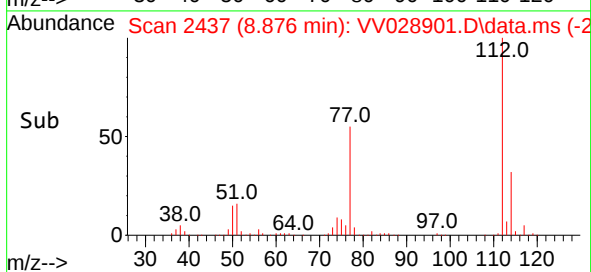
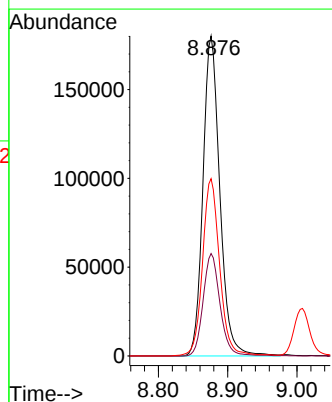
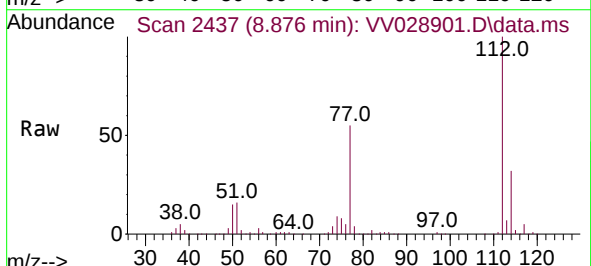
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

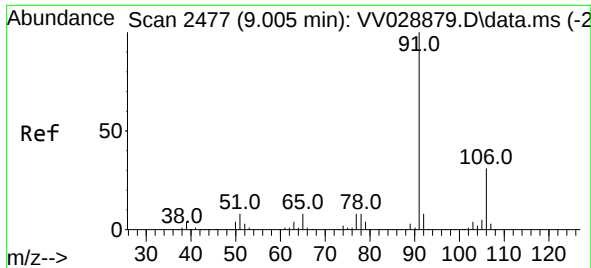
Tgt Ion:	107	Resp:	64388
Ion	Ratio	Lower	Upper
107	100		
109	95.3	64.4	119.6
188	4.2	2.9	4.3



#51
Chlorobenzene
Concen: 5.216 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:	112	Resp:	305196
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	55.4	44.4	66.6

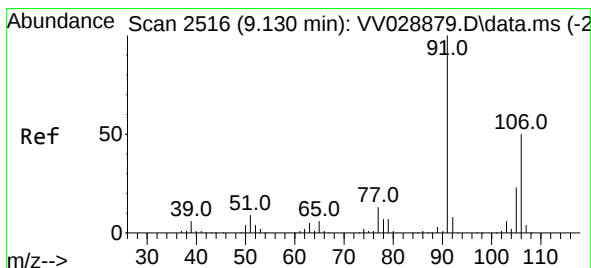
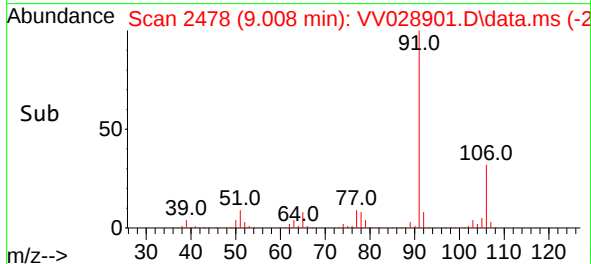
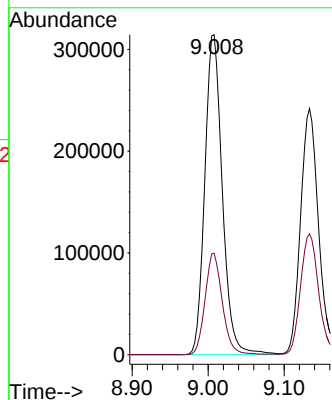
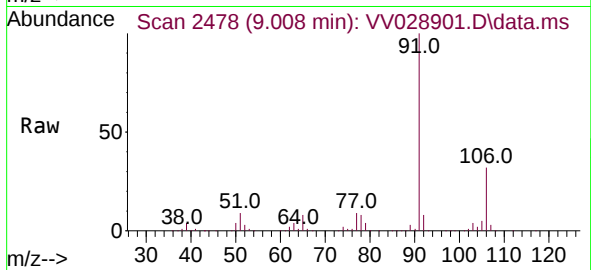




#52
Ethylbenzene
Concen: 5.113 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

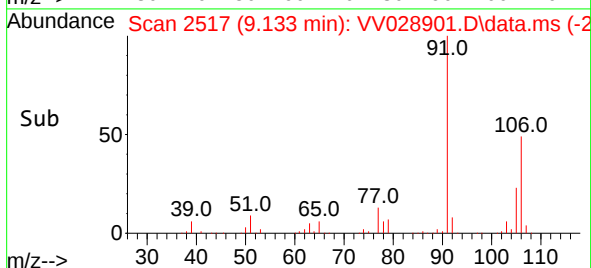
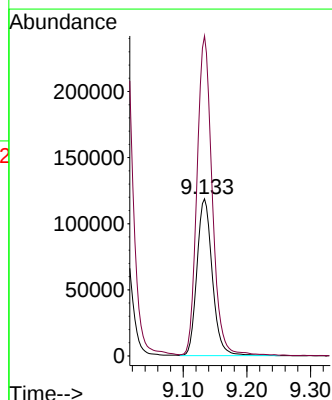
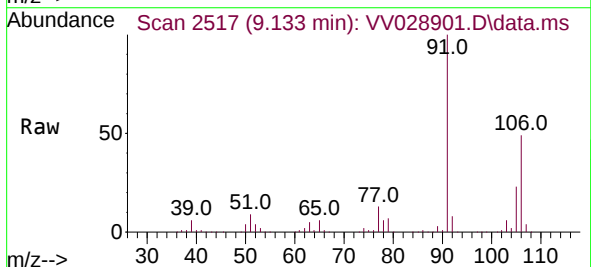
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

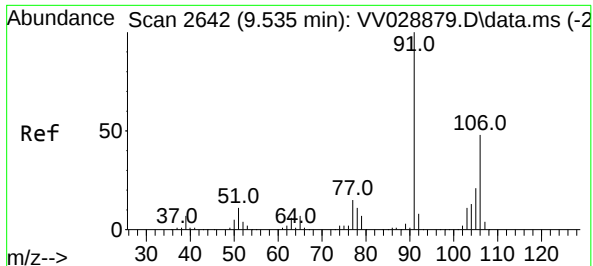
Tgt Ion: 91 Resp: 503742
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.088 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 106 Resp: 199372
Ion Ratio Lower Upper
106 100
91 203.8 139.1 258.3

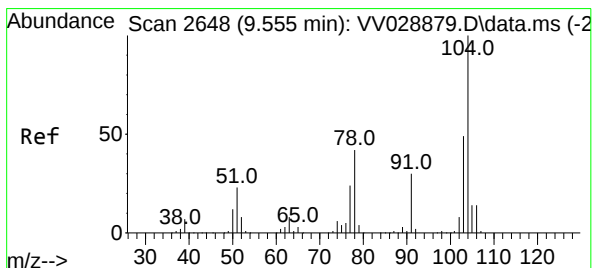
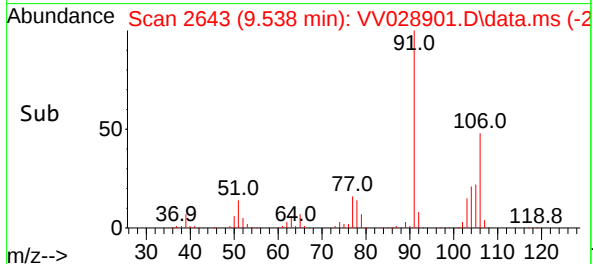
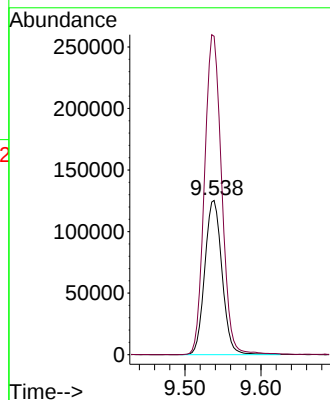
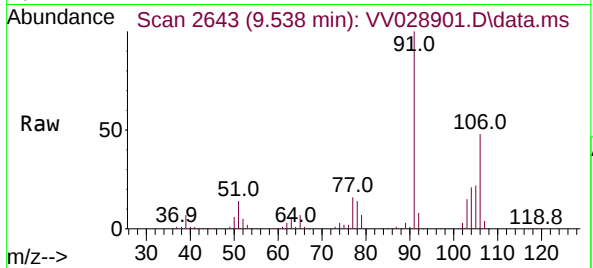




#54
o-Xylene
Concen: 5.299 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

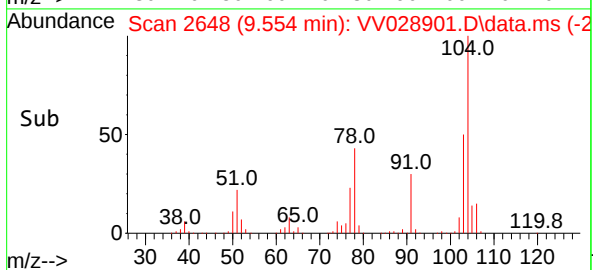
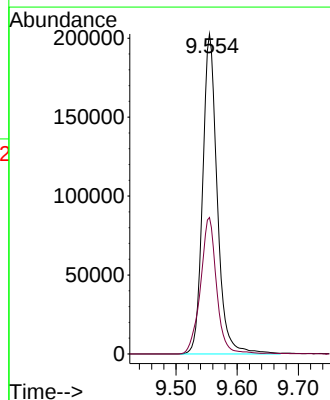
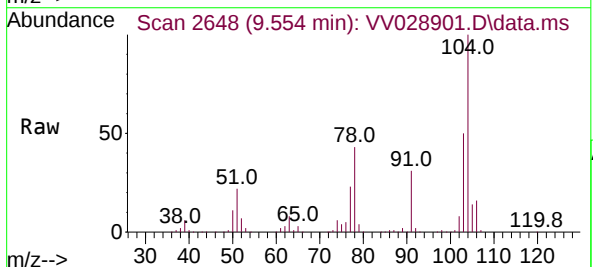
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

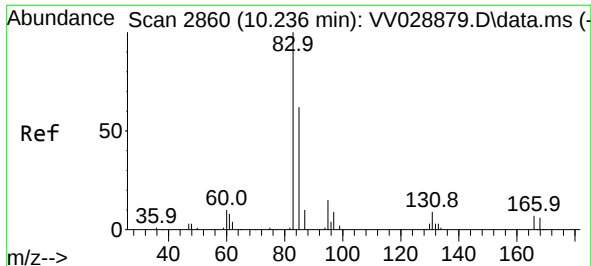
Tgt Ion:106 Resp: 197387
Ion Ratio Lower Upper
106 100
91 206.3 145.7 270.7



#55
Styrene
Concen: 5.373 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:104 Resp: 335655
Ion Ratio Lower Upper
104 100
78 42.7 30.1 55.9

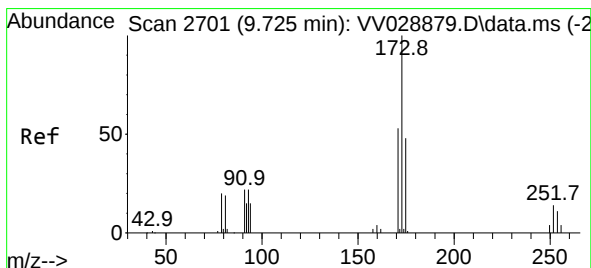
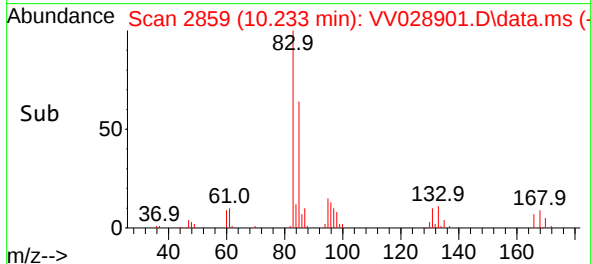
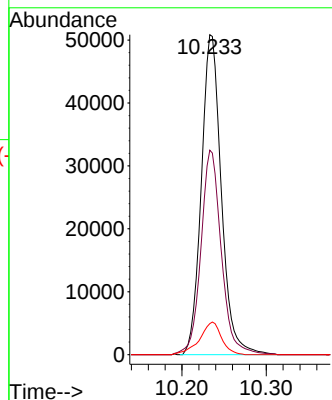
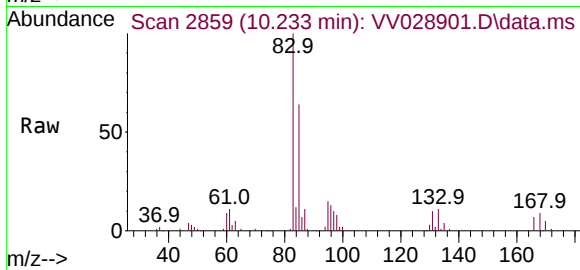




#57
1,1,2,2-Tetrachloroethane
Concen: 5.460 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

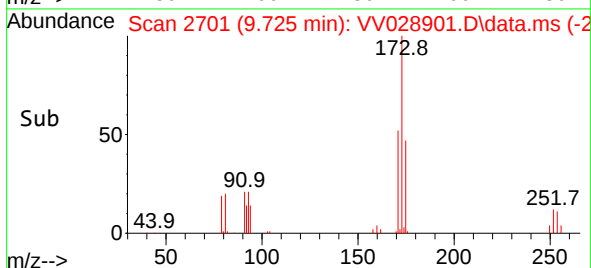
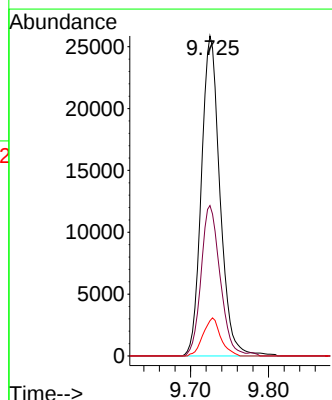
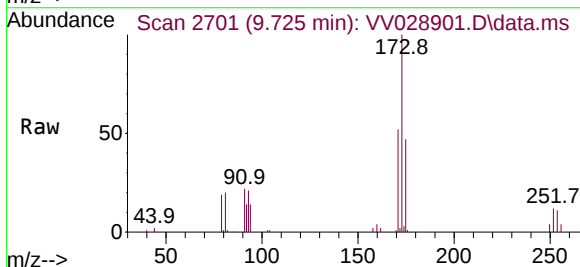
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

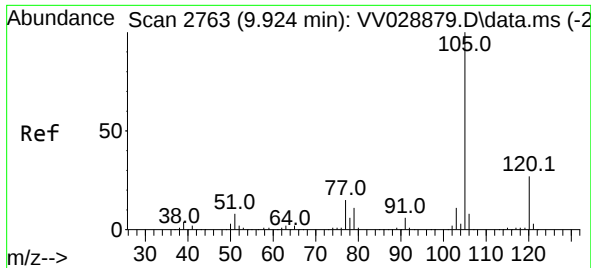
Tgt Ion: 83 Resp: 84155
Ion Ratio Lower Upper
83 100
85 63.9 45.2 84.0
131 9.7 7.5 11.3



#59
Bromoform
Concen: 5.384 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 173 Resp: 42827
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.4
254 11.3 8.5 12.7

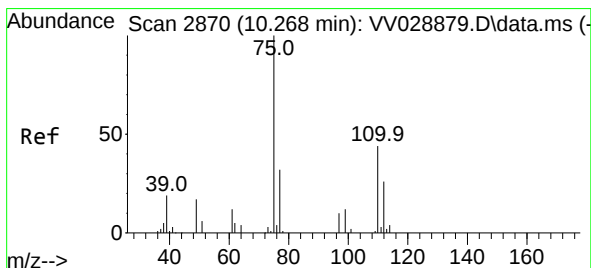
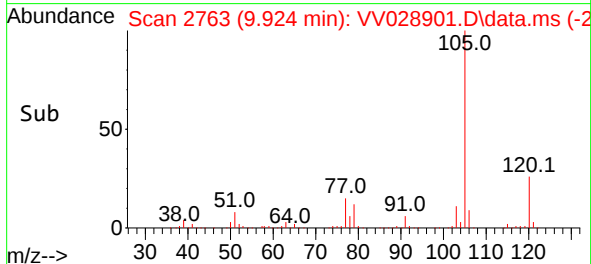
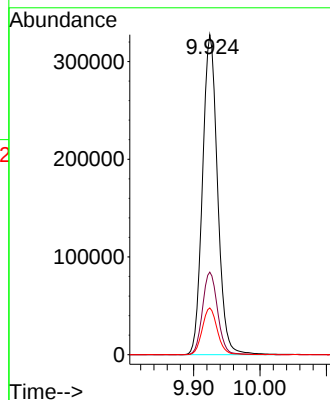
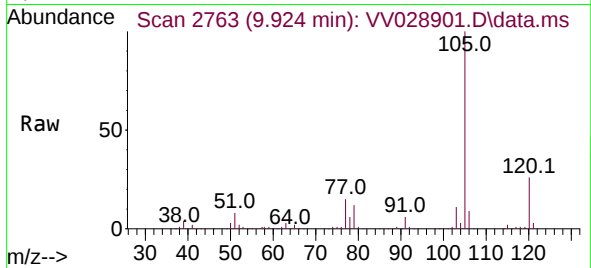




#60
Isopropylbenzene
Concen: 5.445 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

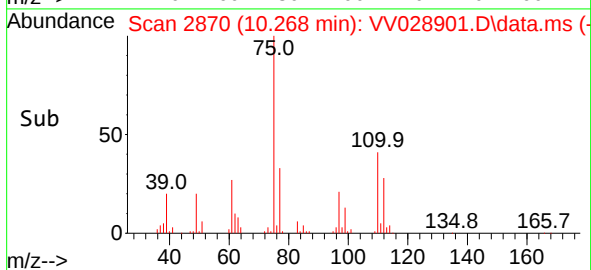
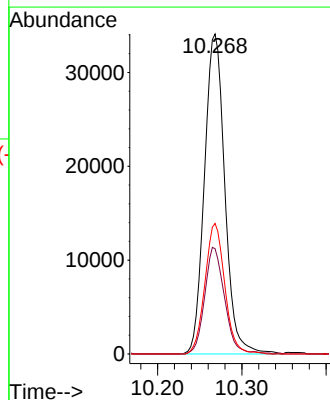
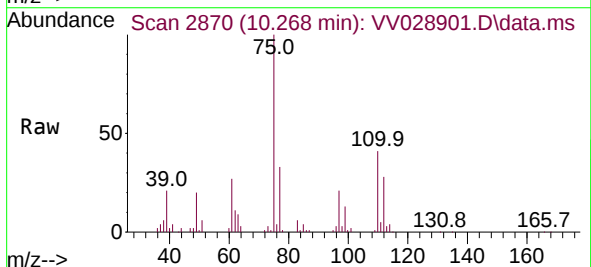
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

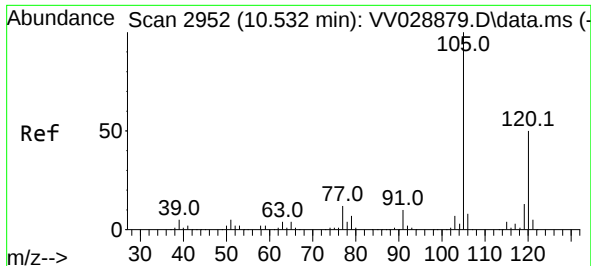
Tgt Ion:105 Resp: 515638
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.771 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion: 75 Resp: 57545
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 39.7 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.341 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VV028901.D

Acq: 12 Nov 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

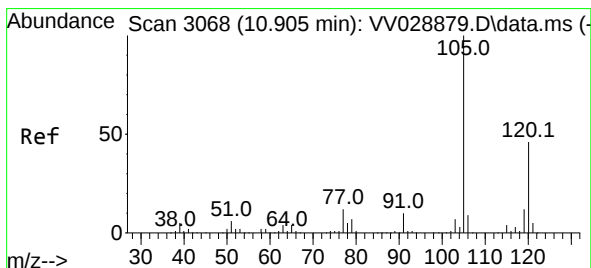
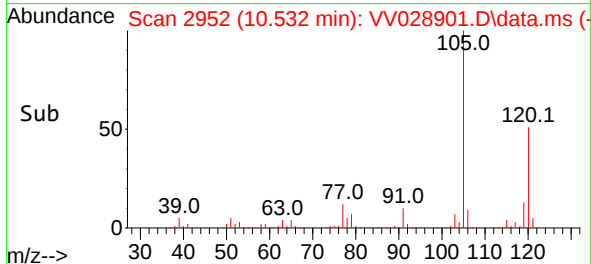
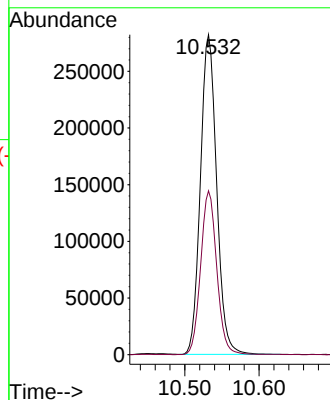
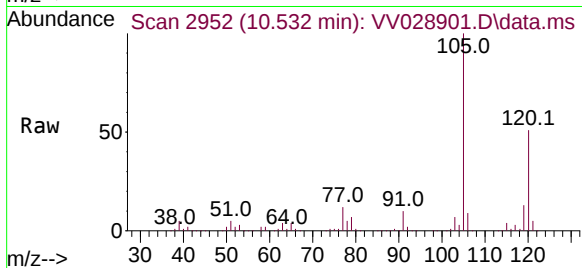
VSTD005342

Tgt Ion:105 Resp: 428473

Ion Ratio Lower Upper

105 100

120 50.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.223 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028901.D

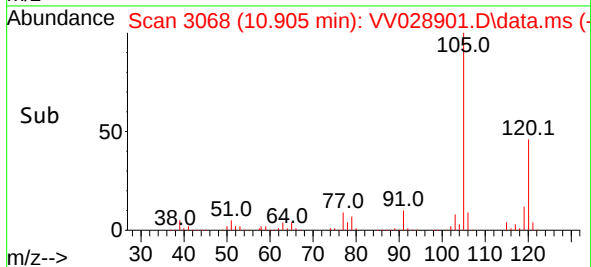
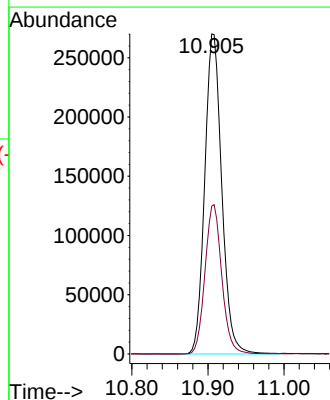
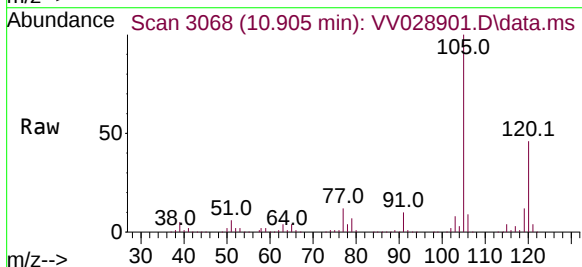
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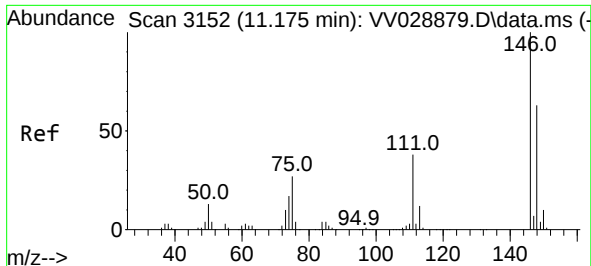
Tgt Ion:105 Resp: 419745

Ion Ratio Lower Upper

105 100

120 46.0 37.8 56.8

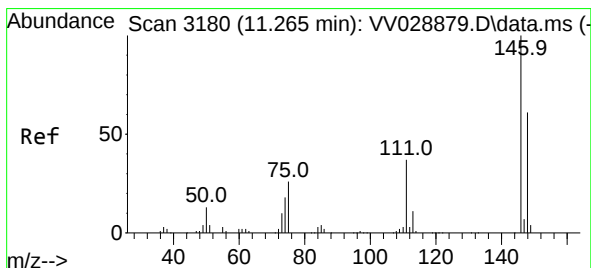
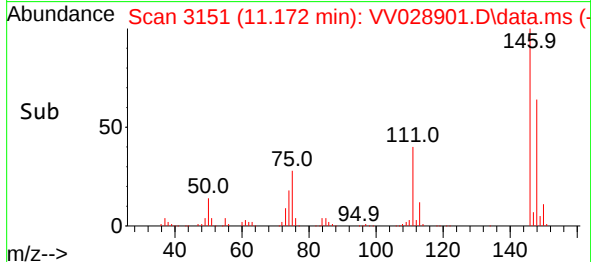
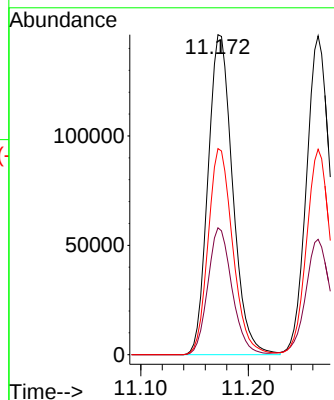
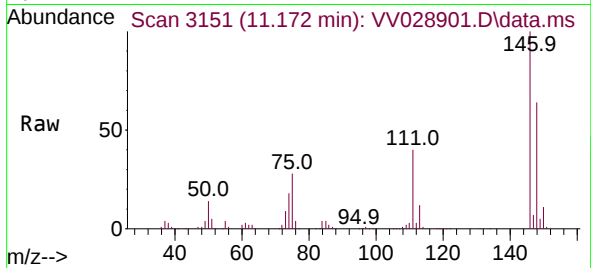




#64
1,3-Dichlorobenzene
Concen: 5.248 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

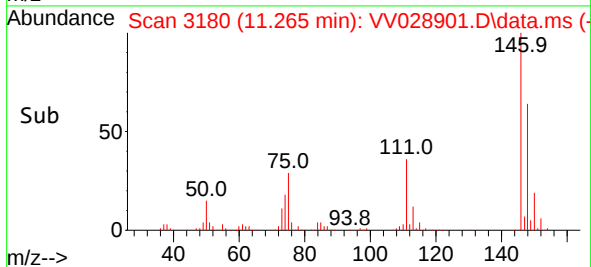
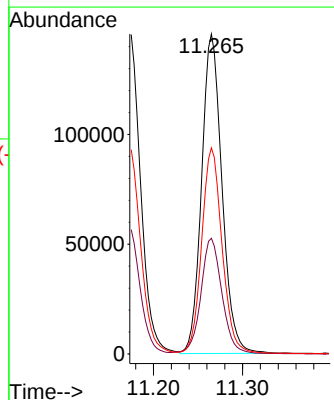
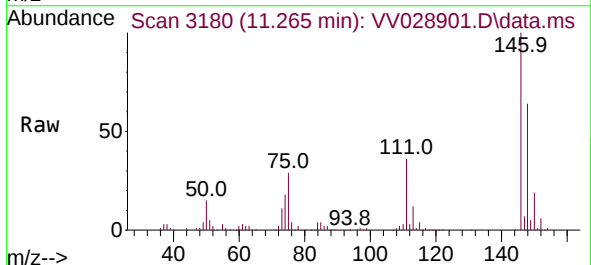
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

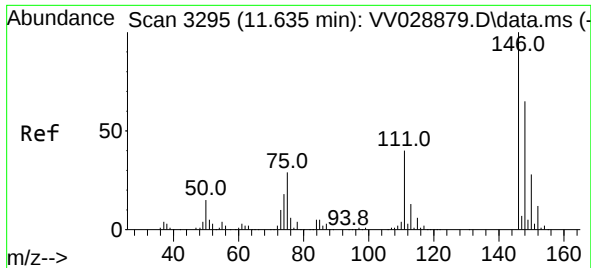
Tgt Ion:146 Resp: 233538
Ion Ratio Lower Upper
146 100
111 39.7 26.9 50.1
148 64.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:146 Resp: 230982
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.3
148 64.4 44.5 82.7

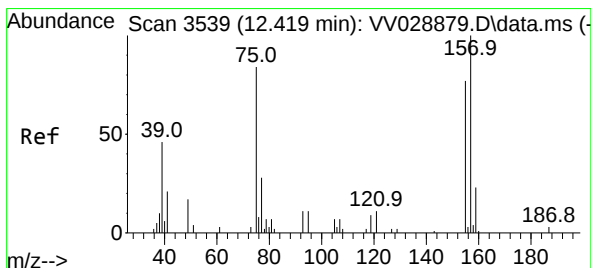
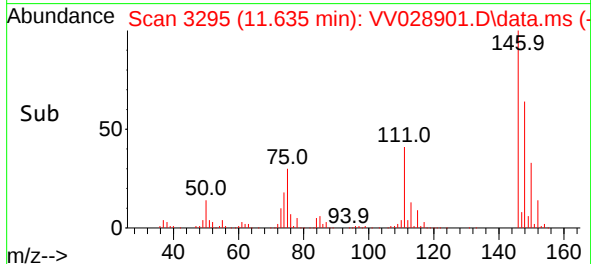
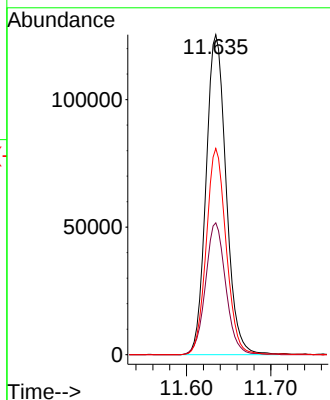
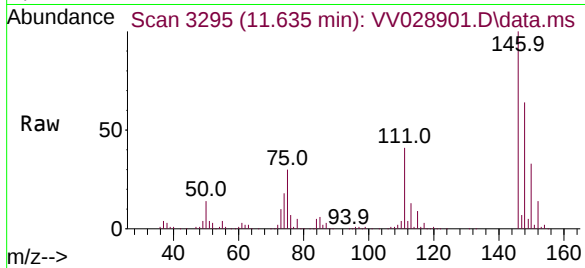




#67
 1,2-Dichlorobenzene
 Concen: 5.195 ug/L
 RT: 11.635 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

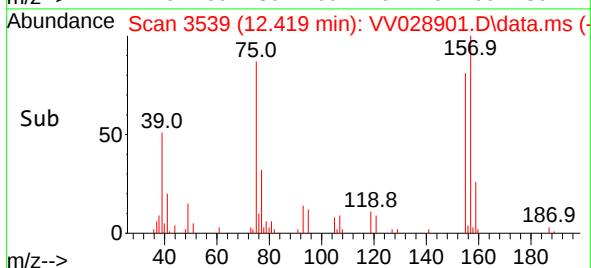
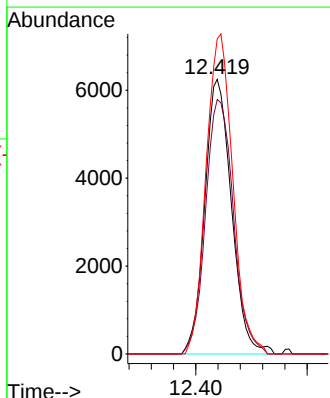
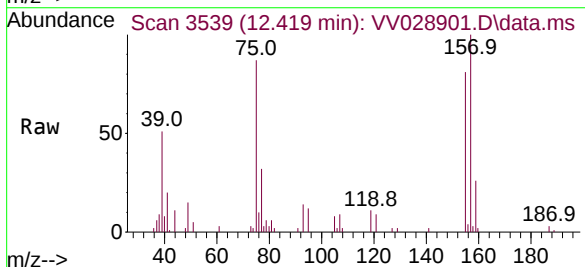
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

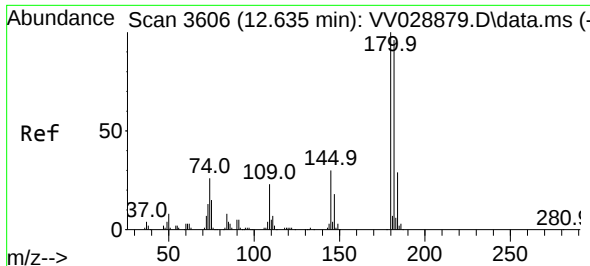
Tgt Ion:146 Resp: 207698
 Ion Ratio Lower Upper
 146 100
 111 41.2 32.4 48.6
 148 64.4 49.4 74.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.308 ug/L
 RT: 12.419 min Scan# 3539
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

Tgt Ion: 75 Resp: 10414
 Ion Ratio Lower Upper
 75 100
 155 92.7 64.8 97.2
 157 114.7 86.3 129.5

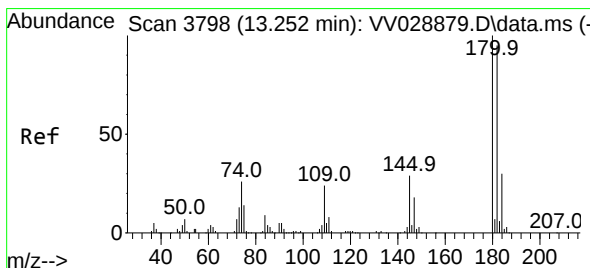
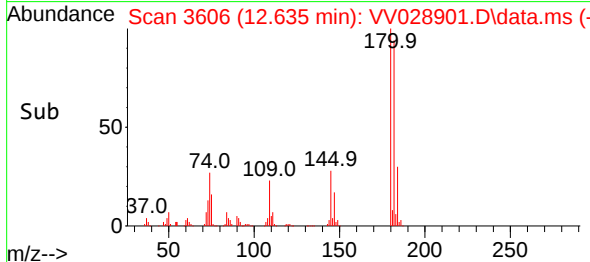
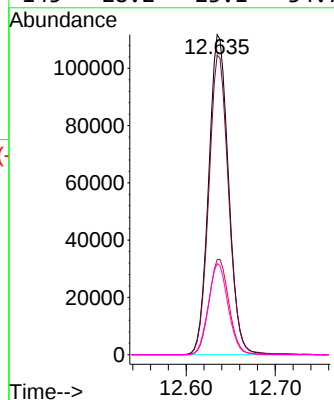
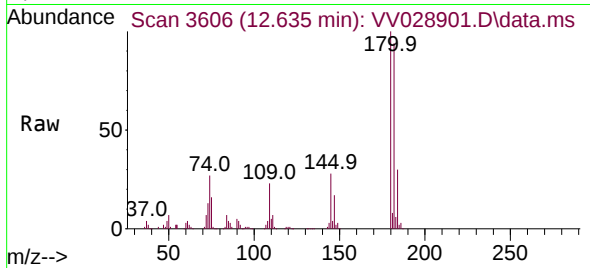




#69
 1,3,5-Trichlorobenzene
 Concen: 5.022 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

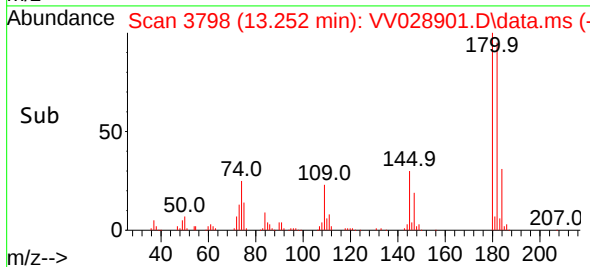
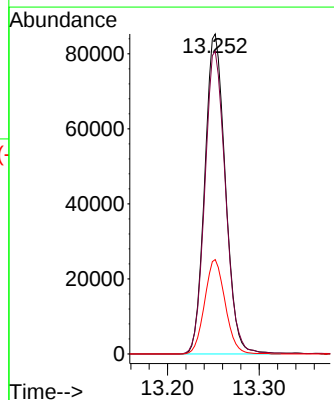
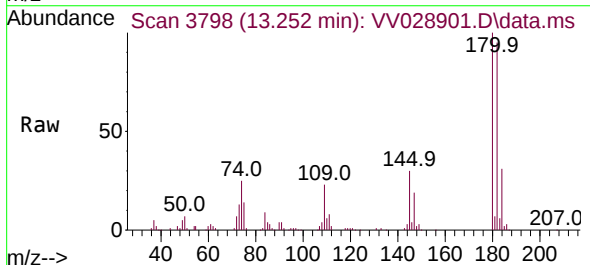
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

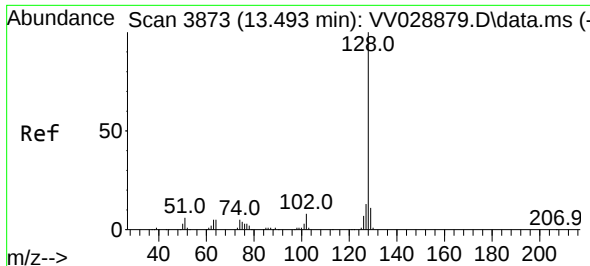
Tgt Ion:180	Resp:	172387
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.7 115.1
184	29.9	24.0 36.0
145	28.2	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.113 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV028901.D
 Acq: 12 Nov 2022 01:45

Tgt Ion:180	Resp:	132775
Ion Ratio	Lower	Upper
180	100	
182	95.5	74.3 111.5
145	29.5	23.7 35.5

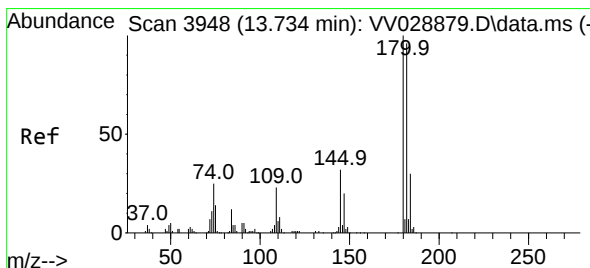
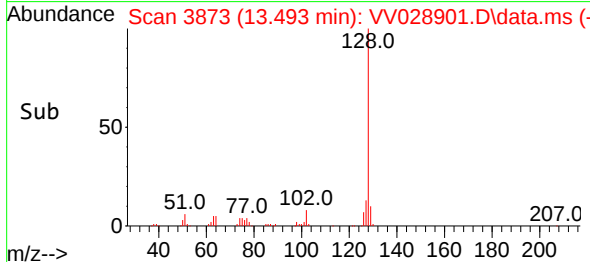
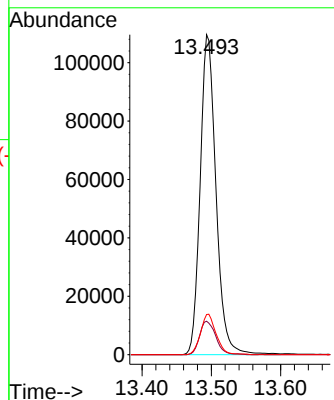
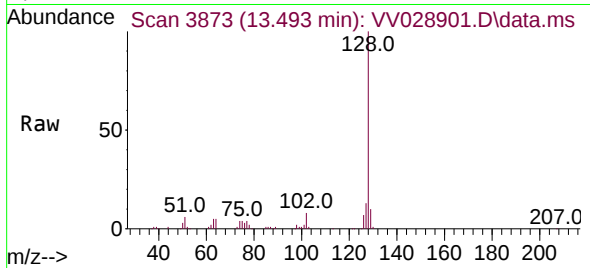




#71
Naphthalene
Concen: 5.188 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion:128 Resp: 173827
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.4 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.141 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VV028901.D
Acq: 12 Nov 2022 01:45

Tgt Ion:180 Resp: 113057
Ion Ratio Lower Upper
180 100
182 97.1 75.4 113.2
145 31.1 24.9 37.3

