

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029324.D
 Acq On : 24 Nov 2022 03:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 04:05:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	289492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	256437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	134980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87198	4.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.565	69	63155	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.105	63	137450	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.905	46	150484	50.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	4.339	84	158189	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	70752	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.043	84	339826	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.063	67	94934	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.307	98	321988	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.616	79	36987	4.817	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	135419	49.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62801	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	115110	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	105243	4.872	ug/L	100
3) Chloromethane	1.240	50	98728	4.989	ug/L	100
5) Vinyl chloride	1.310	62	97967	4.968	ug/L	98
6) Bromomethane	1.519	94	48799	3.966	ug/L	99
8) Chloroethane	1.584	64	58119	4.959	ug/L	99
9) Trichlorofluoromethane	1.751	101	135474	4.908	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	73147	4.753	ug/L	99
12) 1,1-Dichloroethene	2.114	96	73093	4.910	ug/L	97
13) Acetone	2.214	43	92169	42.534	ug/L	59
14) Carbon disulfide	2.291	76	207557	4.799	ug/L	100
15) Methyl Acetate	2.439	43	24900	3.998	ug/L	93
16) Methylene chloride	2.503	84	97083	4.268	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	194206	5.103	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	85079	4.980	ug/L	97
19) 1,1-Dichloroethane	3.182	63	155375	5.053	ug/L	98
21) 2-Butanone	3.989	43	157456	46.415	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	96578	4.942	ug/L	96
23) Bromochloromethane	4.243	128	41194	5.263	ug/L	98
25) Chloroform	4.368	83	160622	5.003	ug/L	100

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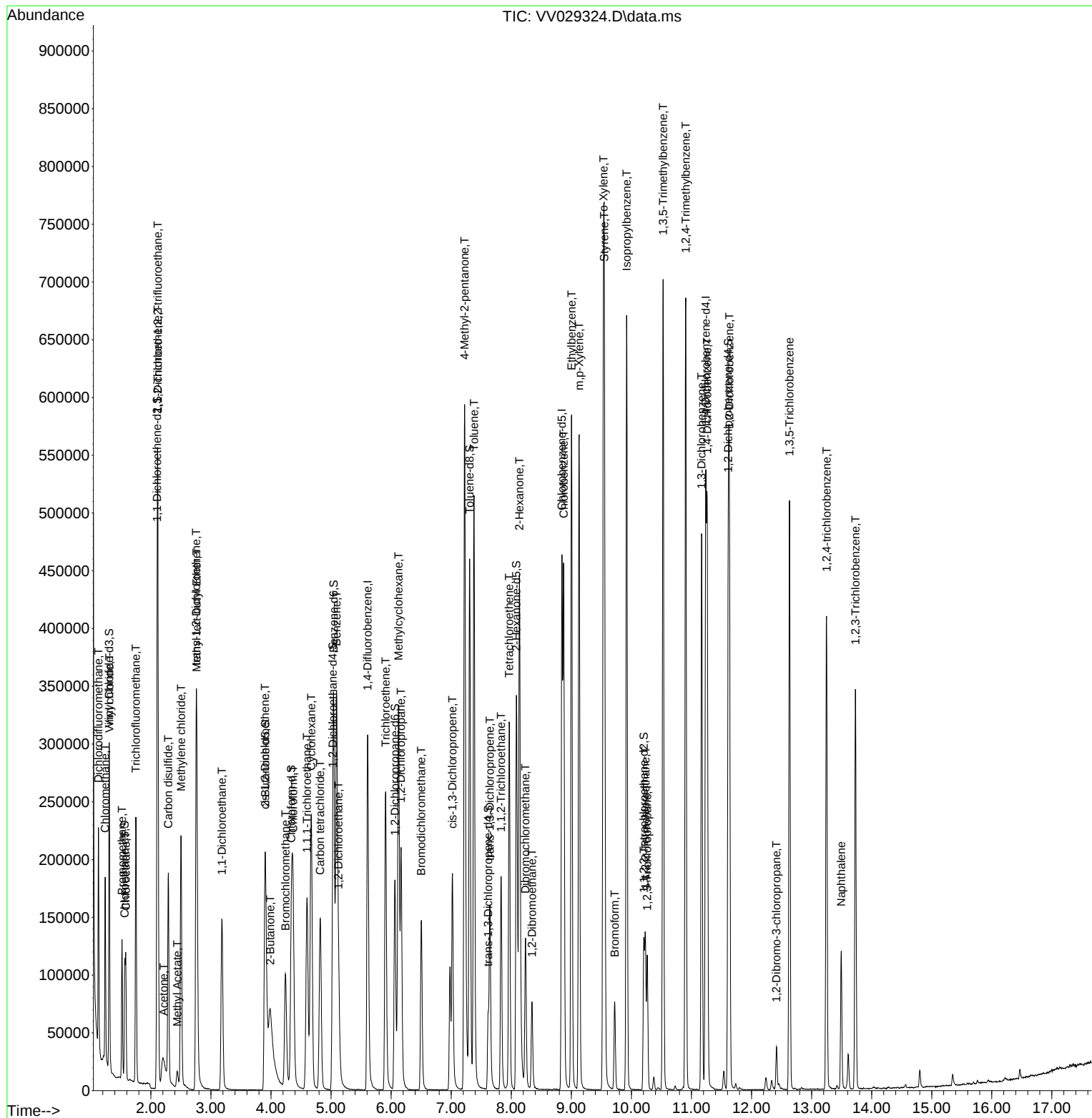
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	88388	5.081	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	143245	4.856	ug/L	99
30) Cyclohexane	4.670	56	139682	4.791	ug/L	99
31) Carbon tetrachloride	4.818	117	119813	4.803	ug/L	100
33) Benzene	5.092	78	365795	4.769	ug/L	100
34) Trichloroethene	5.908	95	94350	4.822	ug/L	98
35) Methylcyclohexane	6.124	83	155452	4.707	ug/L	100
37) 1,2-Dichloropropane	6.166	63	85701	4.743	ug/L	100
38) Bromodichloromethane	6.503	83	105166	4.862	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	125119	4.738	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	423314	50.070	ug/L	100
42) Toluene	7.381	91	395036	4.799	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	100271	4.793	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	59702	4.881	ug/L	99
47) Tetrachloroethene	7.966	164	76476	4.768	ug/L	97
48) 2-Hexanone	8.137	43	294649	49.993	ug/L	99
49) Dibromochloromethane	8.236	129	67194	4.883	ug/L	99
50) 1,2-Dibromoethane	8.346	107	53242	4.988	ug/L	97
51) Chlorobenzene	8.873	112	252720	4.912	ug/L	98
52) Ethylbenzene	9.005	91	430782	5.019	ug/L	100
53) m,p-Xylene	9.130	106	168102	4.966	ug/L	98
54) o-Xylene	9.535	106	164123	4.936	ug/L	98
55) Styrene	9.551	104	280865	5.004	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	63344	5.005	ug/L	100
59) Bromoform	9.722	173	36129	5.095	ug/L	100
60) Isopropylbenzene	9.921	105	441833	5.063	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	47482	5.072	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	375119	4.964	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	378708	4.983	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	200909	4.935	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	198136	4.919	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	185589	4.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9130	4.966	ug/L	97
69) 1,3,5-Trichlorobenzene	12.632	180	161123	4.803	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	131006	4.820	ug/L	99
71) Naphthalene	13.493	128	95836	4.073	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	109116	4.931	ug/L	98

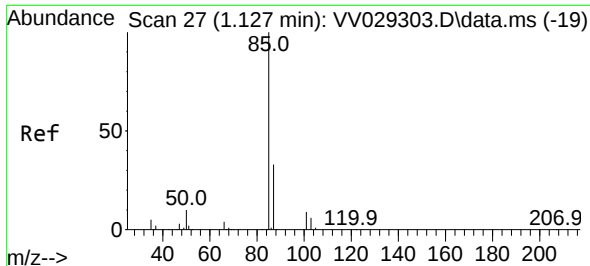
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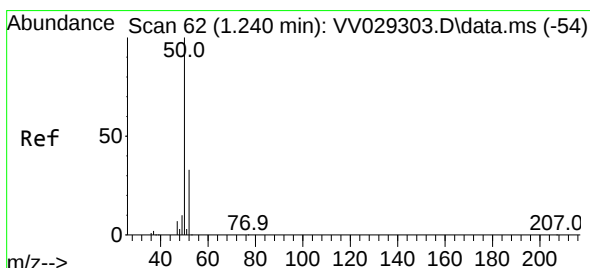
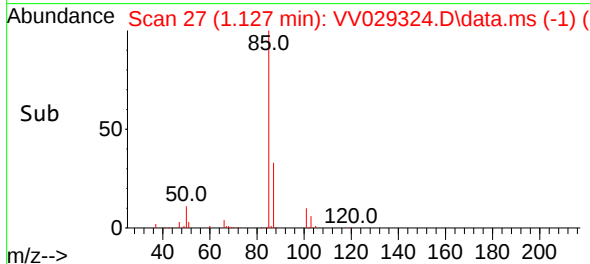
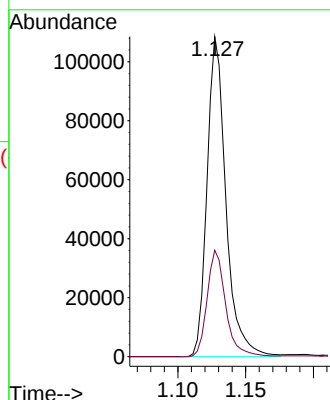
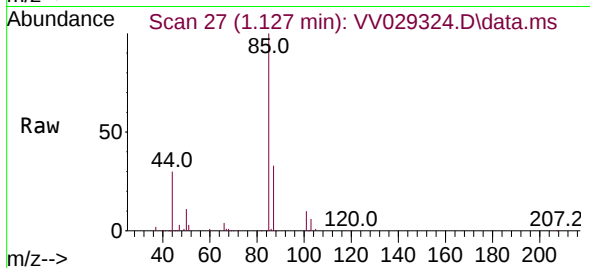




#2
 Dichlorodifluoromethane
 Concen: 4.872 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

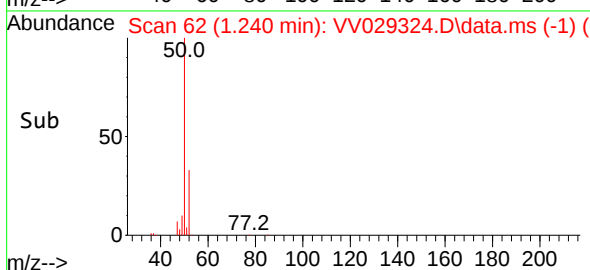
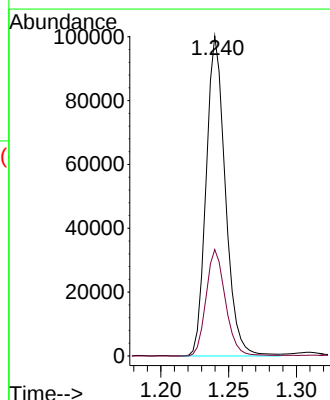
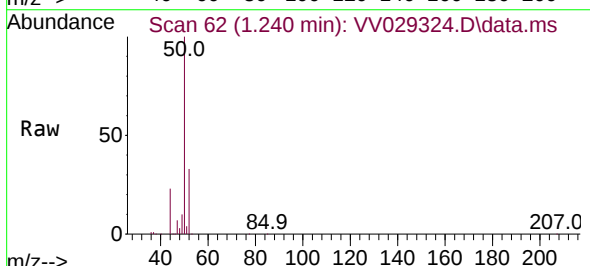
Instrument :
 MSVOA_V
 ClientSampleId :

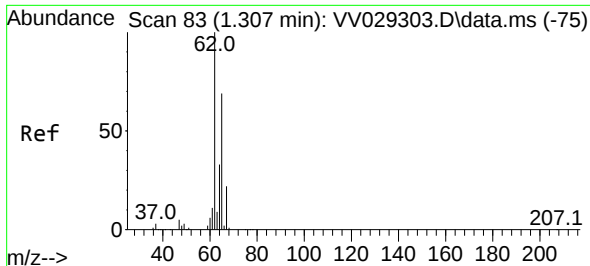
Tgt Ion: 85 Resp: 105243
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.989 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

Tgt Ion: 50 Resp: 98728
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

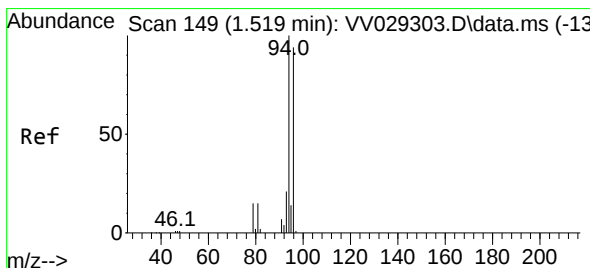
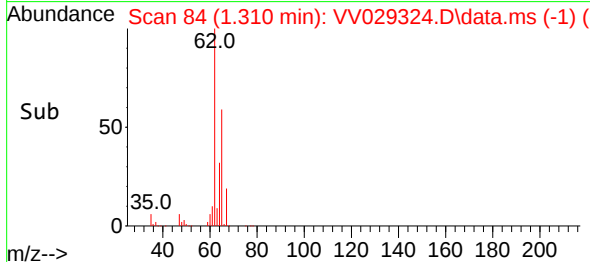
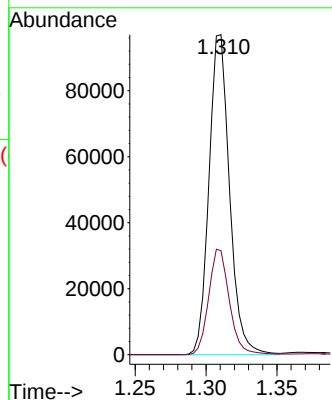
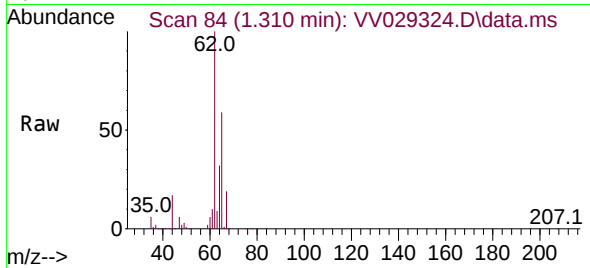




#5
 Vinyl chloride
 Concen: 4.968 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

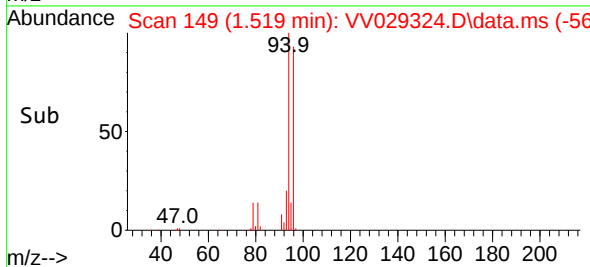
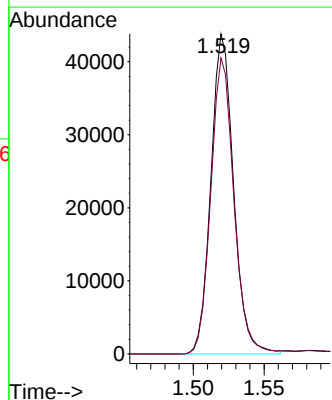
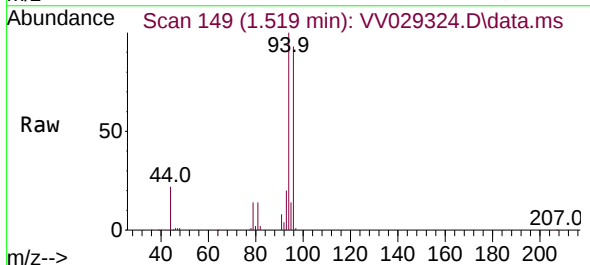
Instrument :
 MSVOA_V
 ClientSampleId :

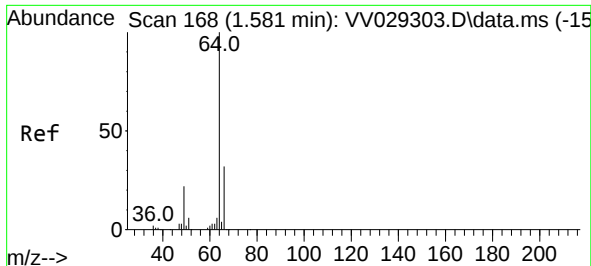
Tgt Ion: 62 Resp: 97967
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 3.966 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

Tgt Ion: 94 Resp: 48799
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.4 121.4





#8

Chloroethane

Concen: 4.959 ug/L

RT: 1.584 min Scan# 168

Delta R.T. 0.003 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

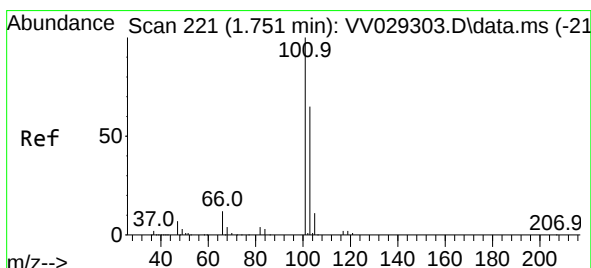
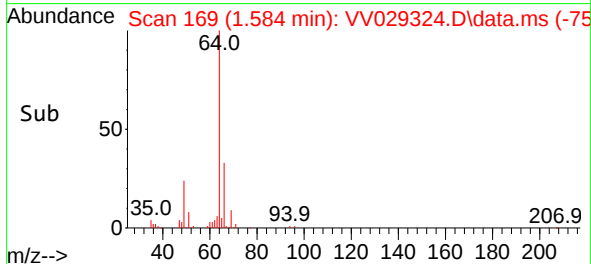
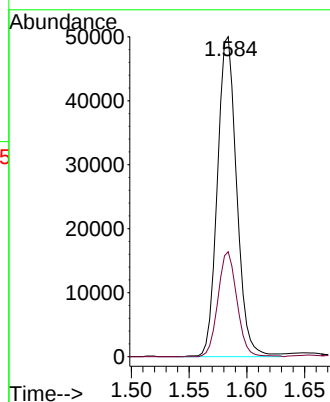
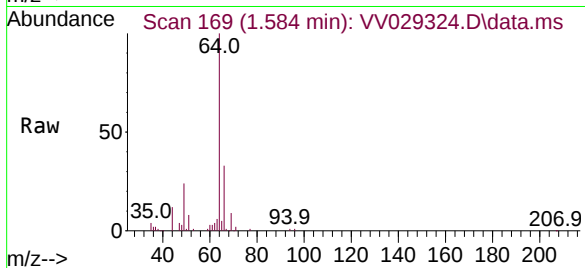
ClientSampleId :

Tgt Ion: 64 Resp: 58119

Ion Ratio Lower Upper

64 100

66 32.8 23.5 43.7



#9

Trichlorofluoromethane

Concen: 4.908 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.000 min

Lab File: VV029324.D

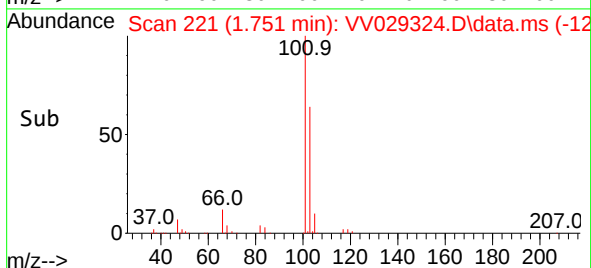
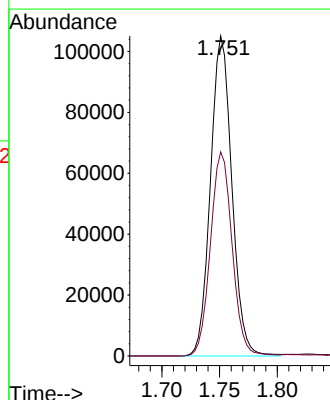
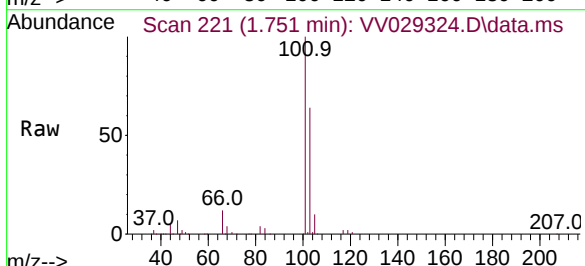
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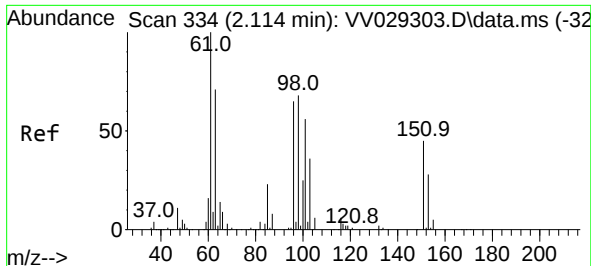
Tgt Ion:101 Resp: 135474

Ion Ratio Lower Upper

101 100

103 64.7 51.8 77.8

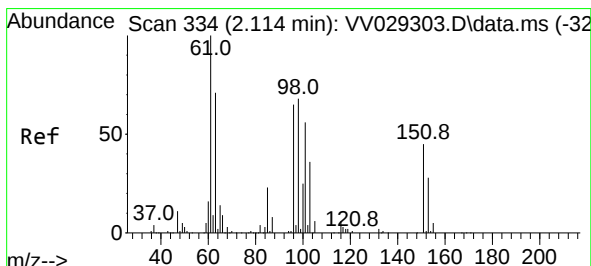
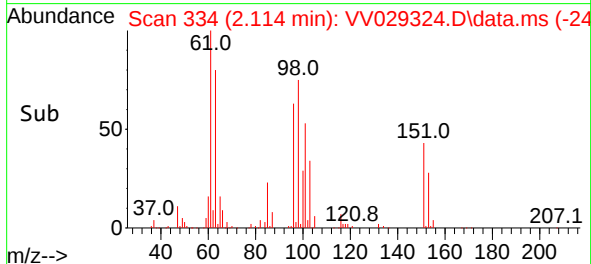
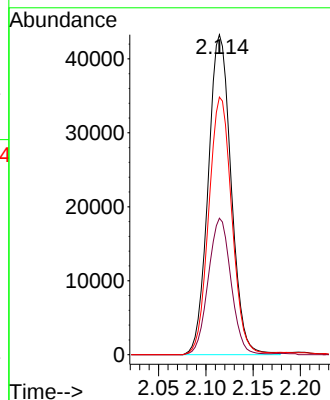
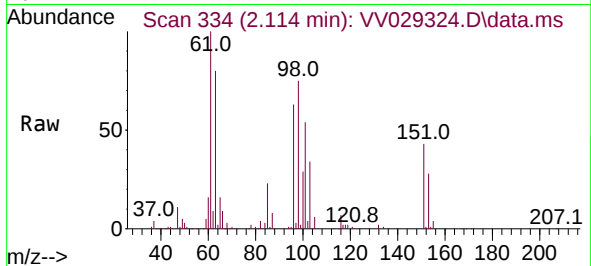




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.753 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029324.D
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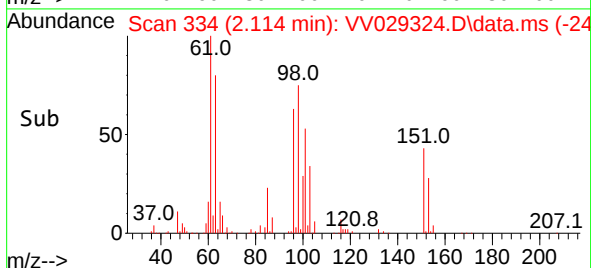
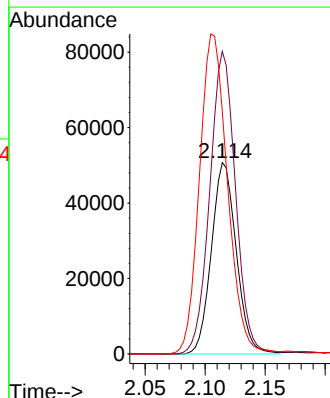
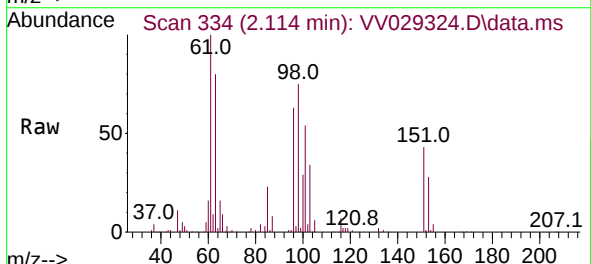
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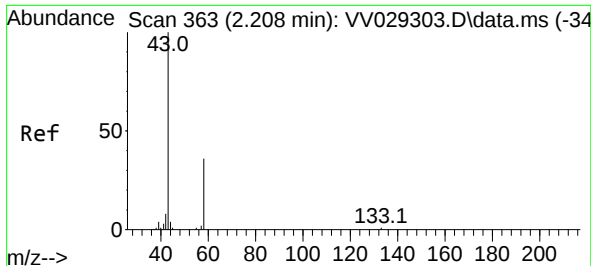
Tgt Ion:101 Resp: 73147
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.6 50.4
 151 80.8 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 4.910 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

Tgt Ion: 96 Resp: 73093
 Ion Ratio Lower Upper
 96 100
 61 158.1 110.3 204.9
 63 126.9 84.4 156.8





#13

Acetone

Concen: 42.534 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

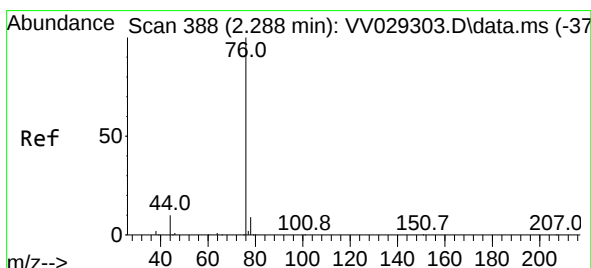
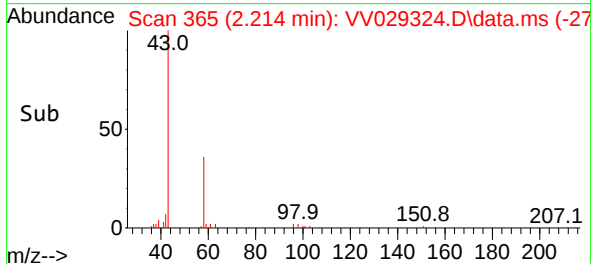
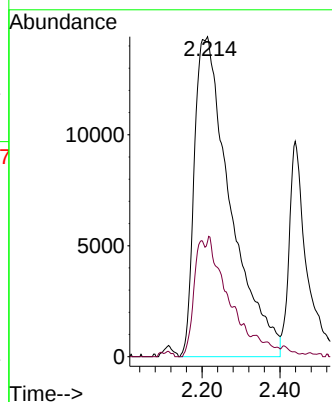
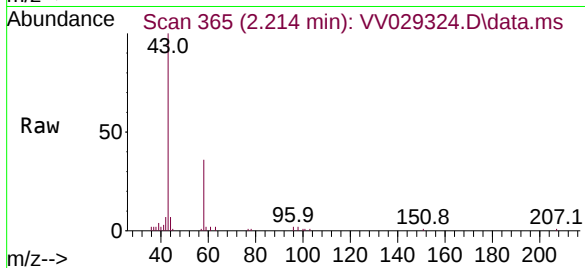
ClientSampleId :

Tgt Ion: 43 Resp: 92169

Ion Ratio Lower Upper

43 100

58 11.2 0.0 70.8



#14

Carbon disulfide

Concen: 4.799 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

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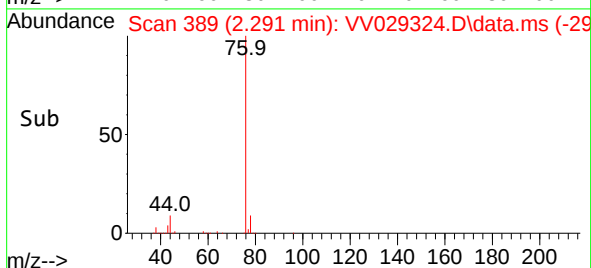
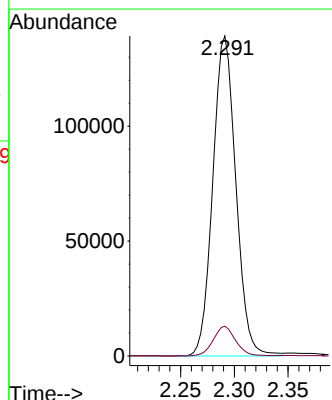
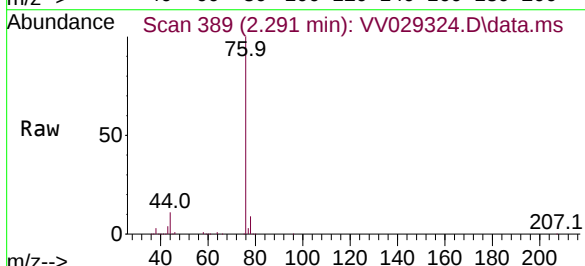
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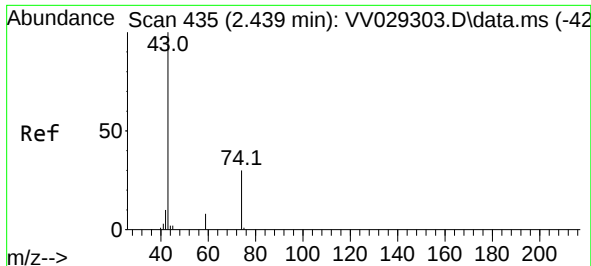
Tgt Ion: 76 Resp: 207557

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

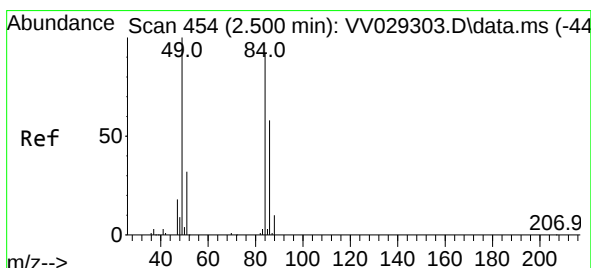
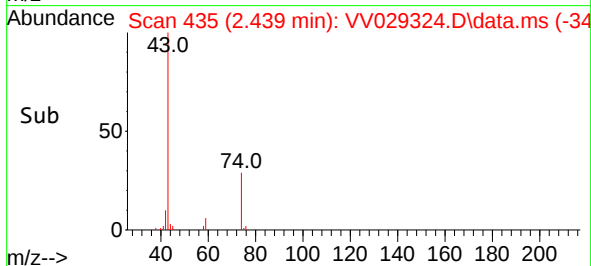
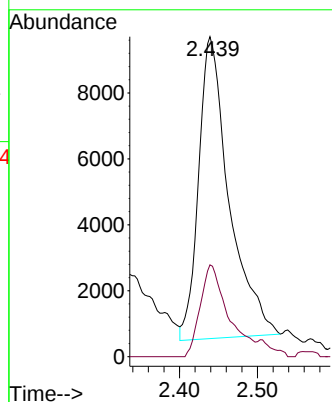
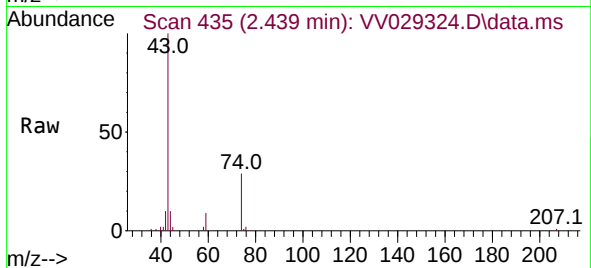




#15
Methyl Acetate
Concen: 3.998 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

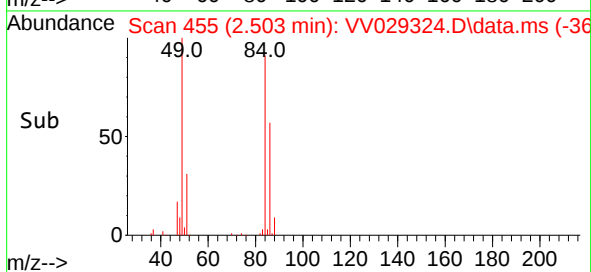
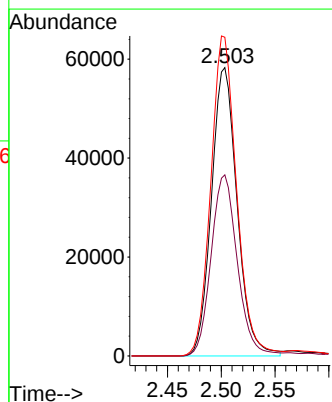
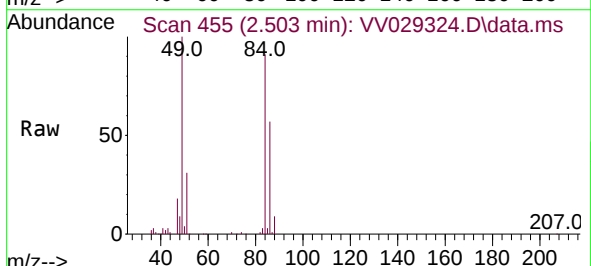
Instrument :
MSVOA_V
ClientSampleId :

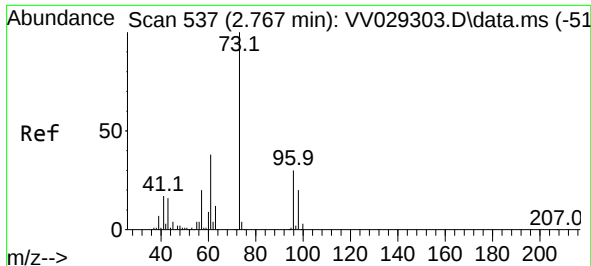
Tgt Ion: 43 Resp: 24900
Ion Ratio Lower Upper
43 100
74 27.8 19.6 29.4



#16
Methylene chloride
Concen: 4.268 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion: 84 Resp: 97083
Ion Ratio Lower Upper
84 100
86 62.8 45.6 84.6
49 110.5 77.8 144.4

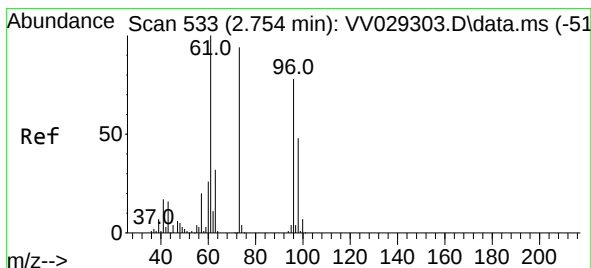
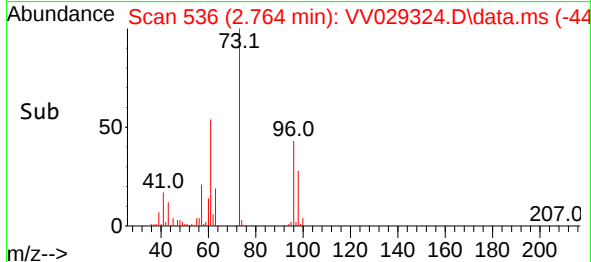
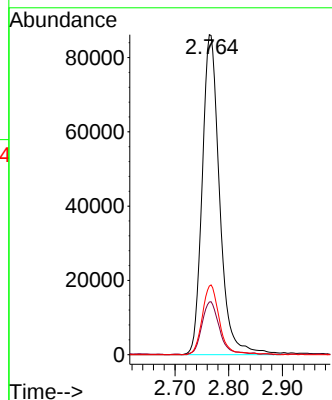
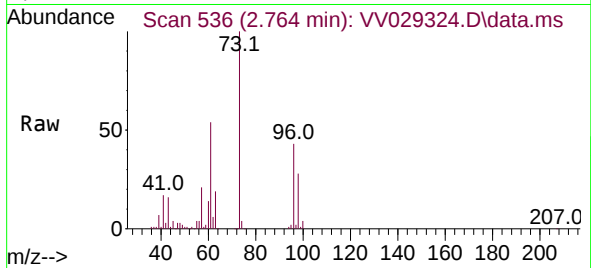




#17
Methyl tert-butyl Ether
Concen: 5.103 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

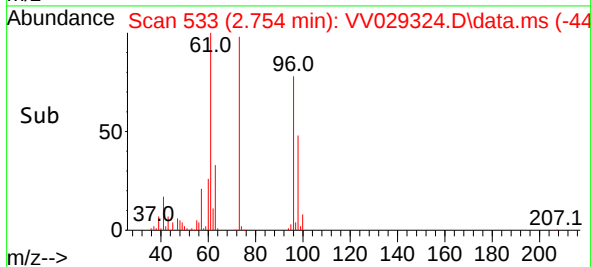
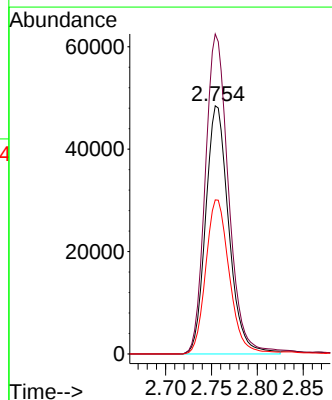
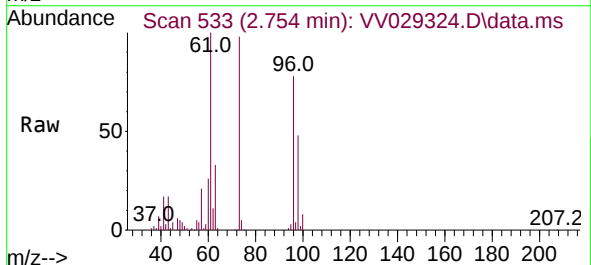
Instrument :
MSVOA_V
ClientSampleId :

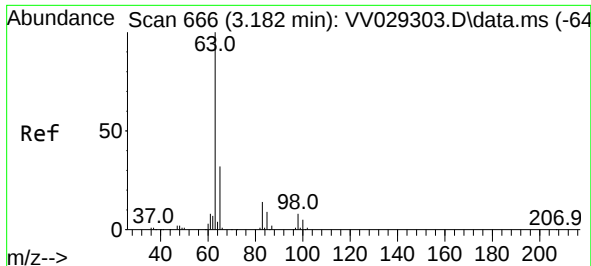
Tgt Ion: 73 Resp: 194206
Ion Ratio Lower Upper
73 100
43 16.7 13.2 19.8
57 21.4 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.980 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion: 96 Resp: 85079
Ion Ratio Lower Upper
96 100
61 128.9 93.0 172.6
98 62.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.053 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

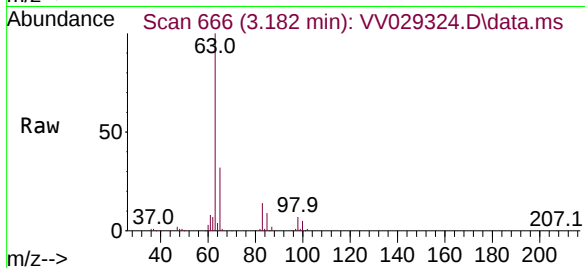
Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :



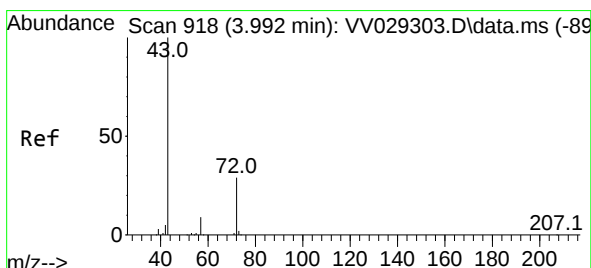
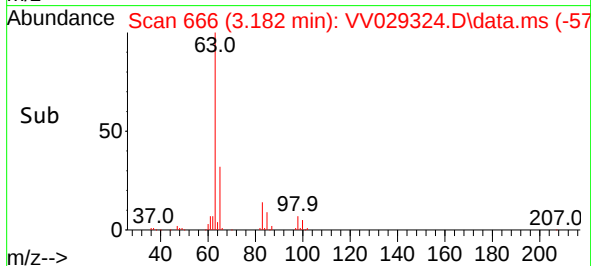
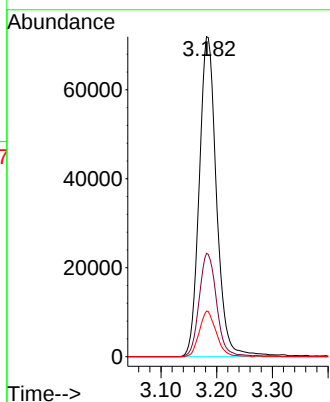
Tgt Ion: 63 Resp: 155375

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.2

83 14.2 10.3 19.1



#21

2-Butanone

Concen: 46.415 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.003 min

Lab File: VV029324.D

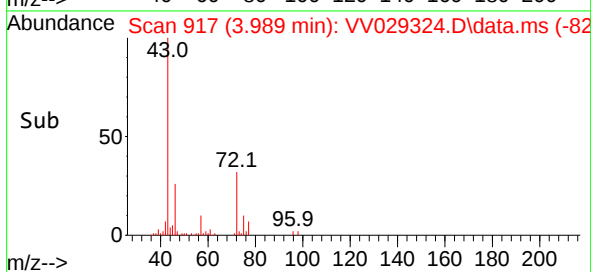
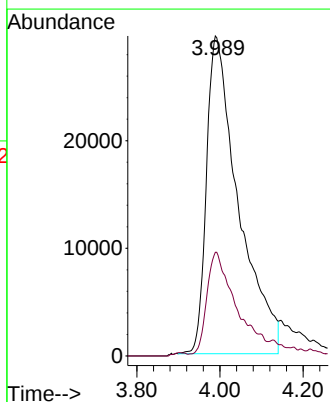
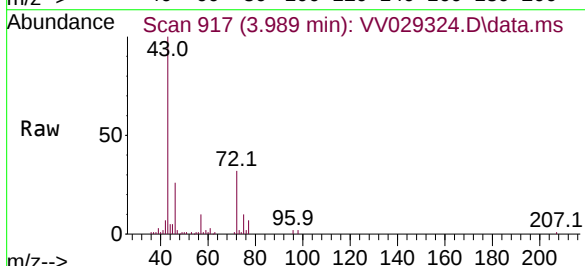
Acq: 24 Nov 2022 03:36

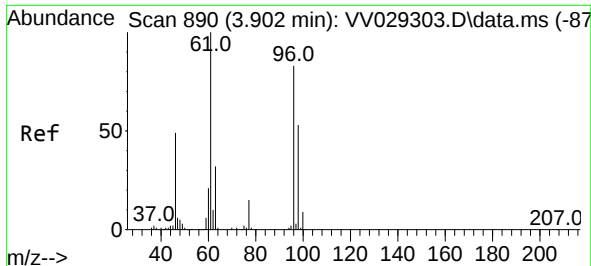
Tgt Ion: 43 Resp: 157456

Ion Ratio Lower Upper

43 100

72 29.2 13.8 41.3

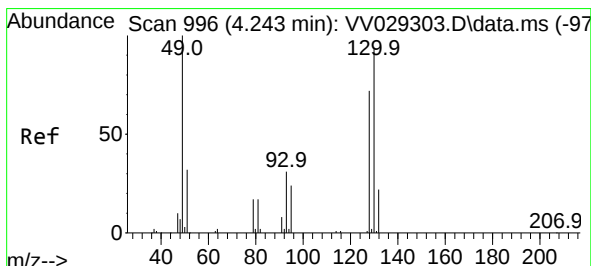
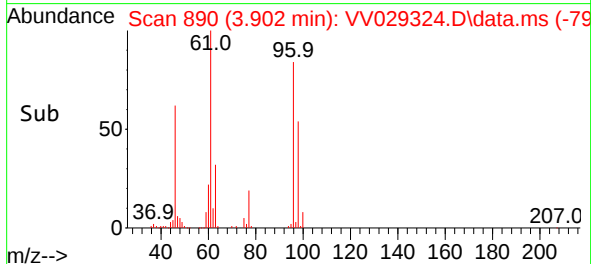
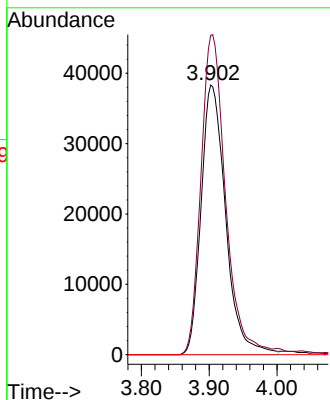
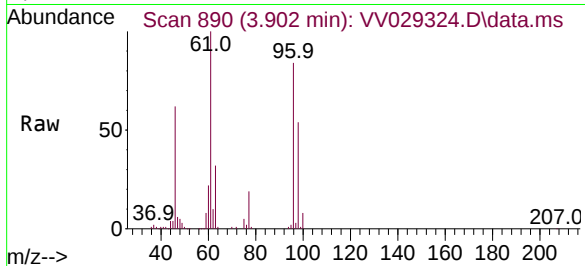




#22
 cis-1,2-Dichloroethene
 Concen: 4.942 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

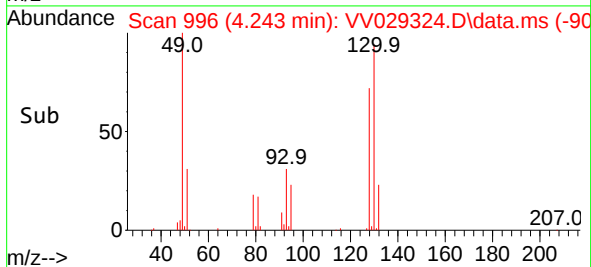
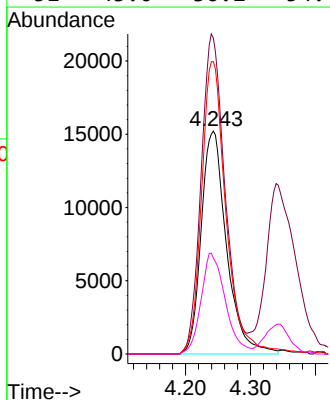
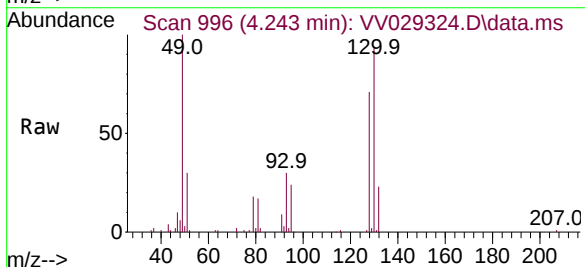
Instrument :
 MSVOA_V
 ClientSampleId :

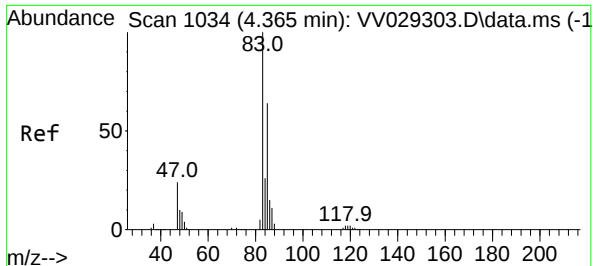
Tgt Ion: 96 Resp: 96578
 Ion Ratio Lower Upper
 96 100
 61 118.5 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.263 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

Tgt Ion: 128 Resp: 41194
 Ion Ratio Lower Upper
 128 100
 49 141.6 100.0 185.8
 130 131.1 90.2 167.6
 51 43.0 36.2 54.4





#25

Chloroform

Concen: 5.003 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

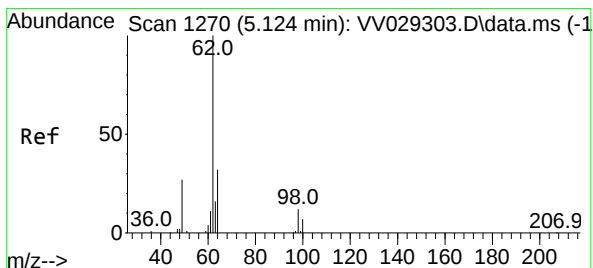
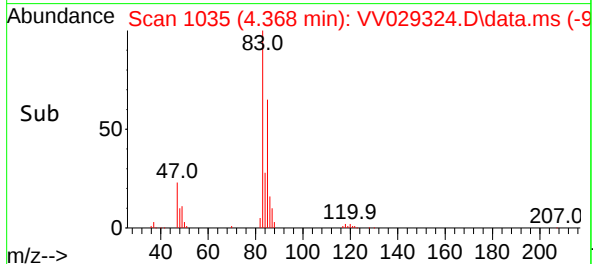
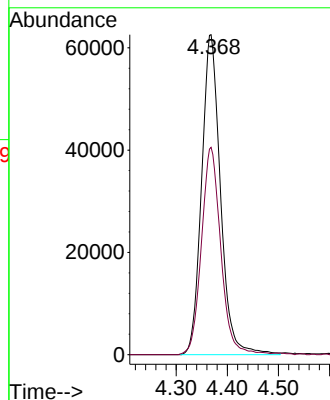
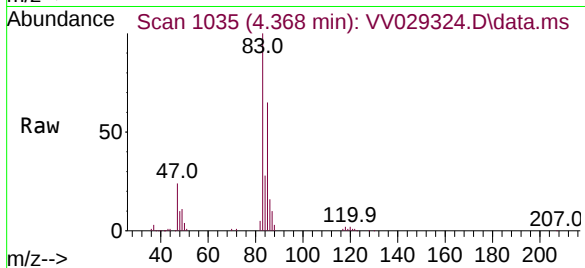
ClientSampleId :

Tgt Ion: 83 Resp: 160622

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.081 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV029324.D

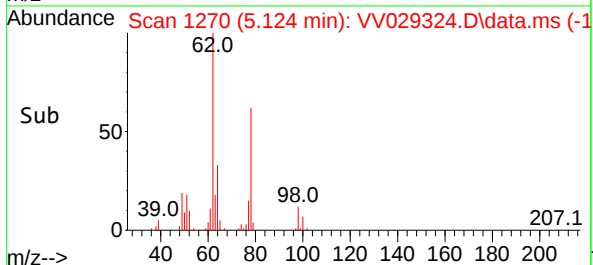
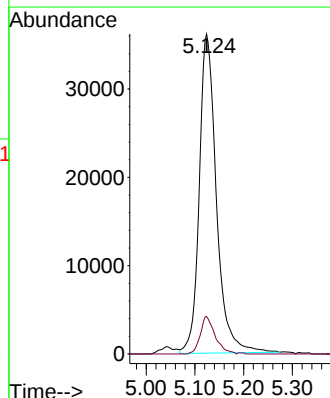
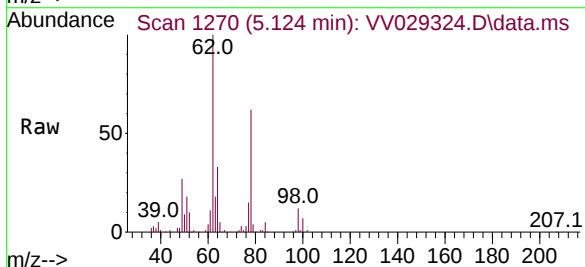
Acq: 24 Nov 2022 03:36

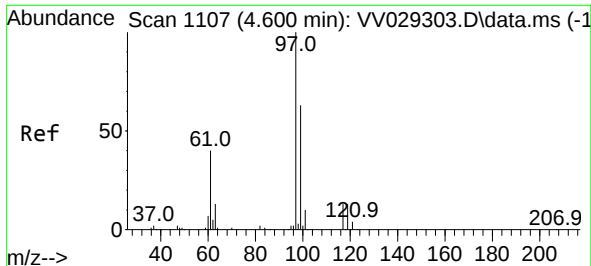
Tgt Ion: 62 Resp: 88388

Ion Ratio Lower Upper

62 100

98 11.7 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.856 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

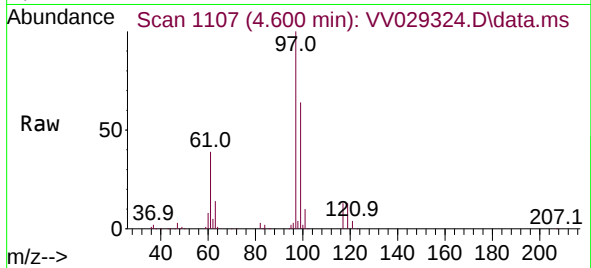
Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :



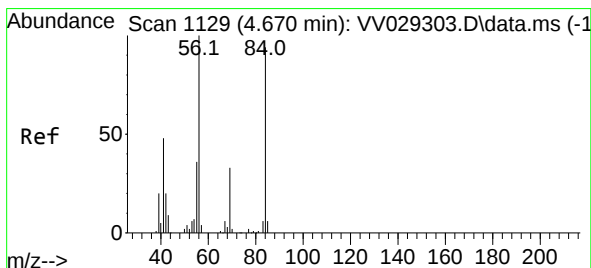
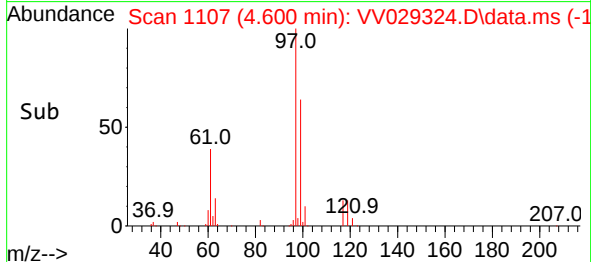
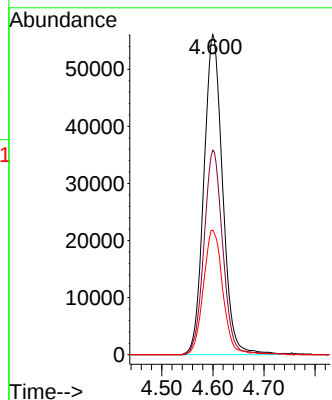
Tgt Ion: 97 Resp: 143245

Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 39.8 33.3 49.9



#30

Cyclohexane

Concen: 4.791 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

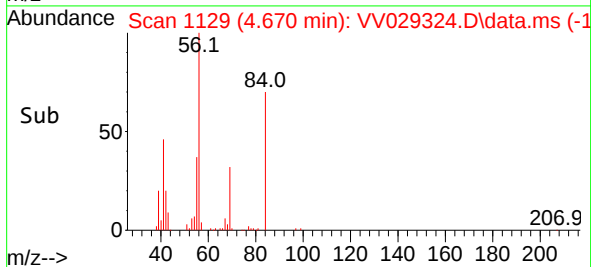
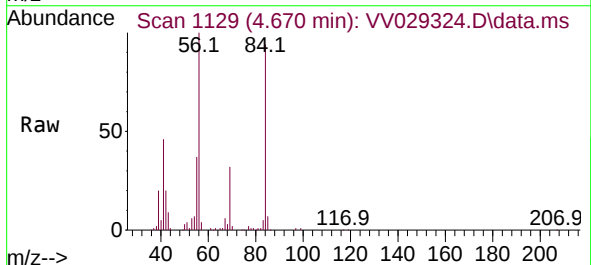
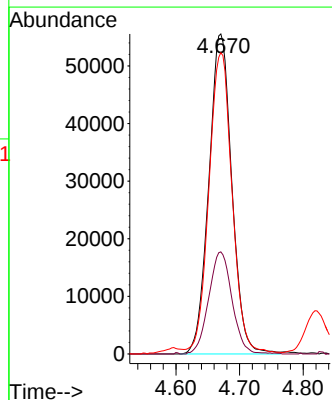
Tgt Ion: 56 Resp: 139682

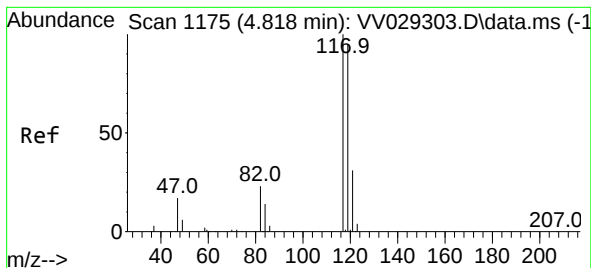
Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 95.3 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.803 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

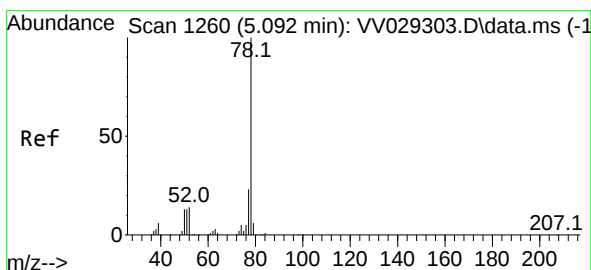
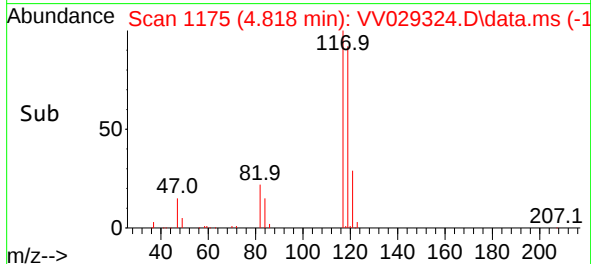
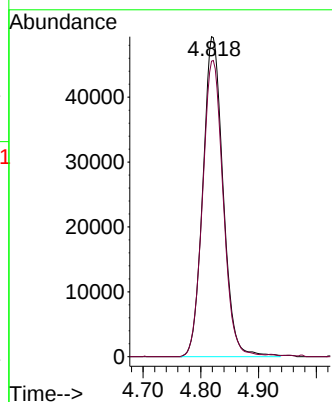
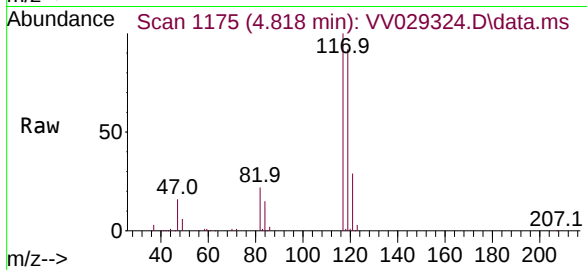
ClientSampleId :

Tgt Ion:117 Resp: 119813

Ion Ratio Lower Upper

117 100

119 94.3 75.7 113.5



#33

Benzene

Concen: 4.769 ug/L

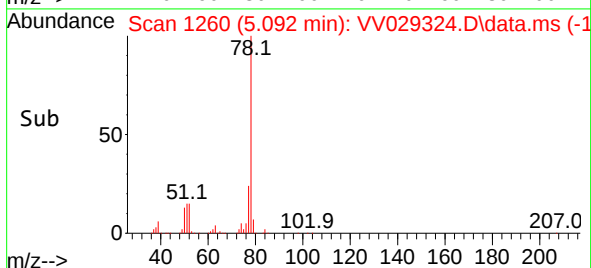
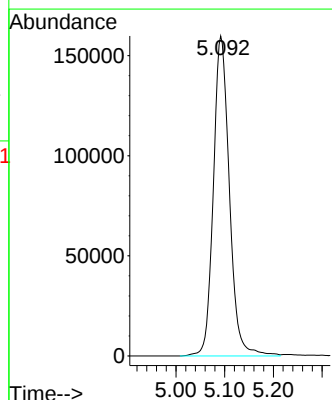
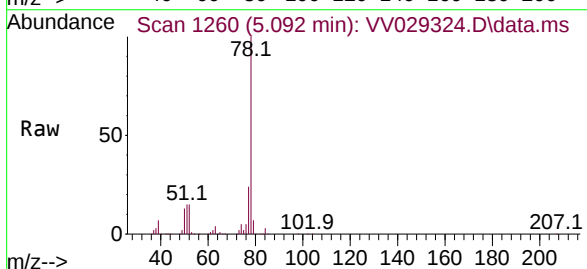
RT: 5.092 min Scan# 1260

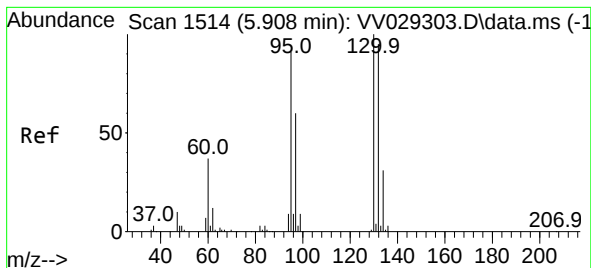
Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Tgt Ion: 78 Resp: 365795





#34

Trichloroethene

Concen: 4.822 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 94350

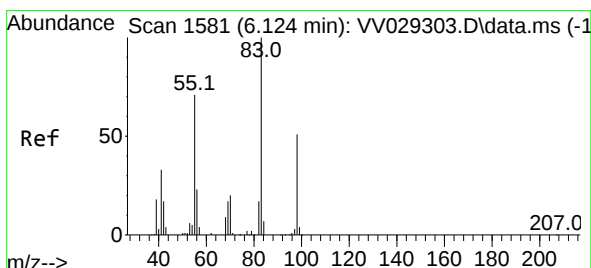
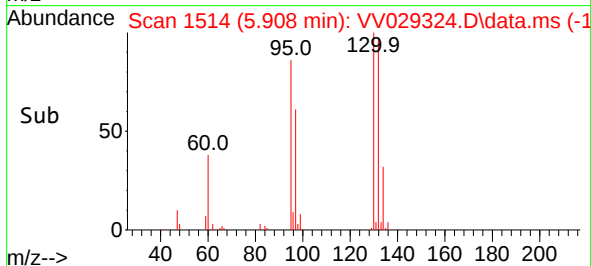
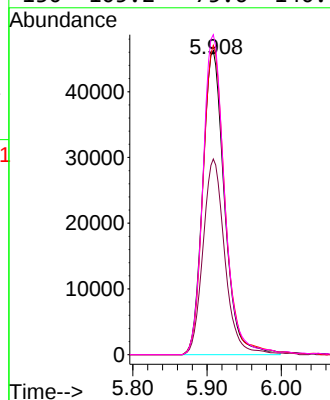
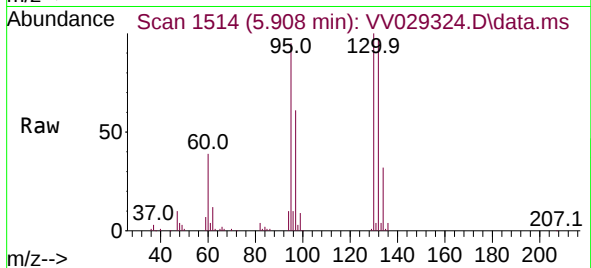
Ion Ratio Lower Upper

95 100

97 64.3 45.4 84.4

132 101.6 73.3 136.1

130 105.2 75.6 140.4



#35

Methylcyclohexane

Concen: 4.707 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

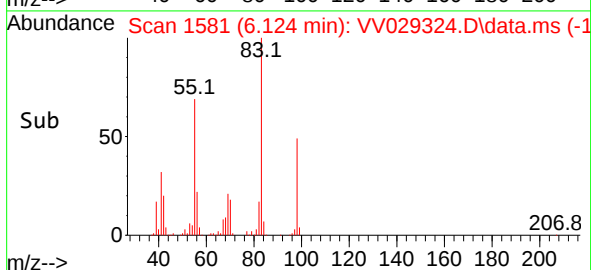
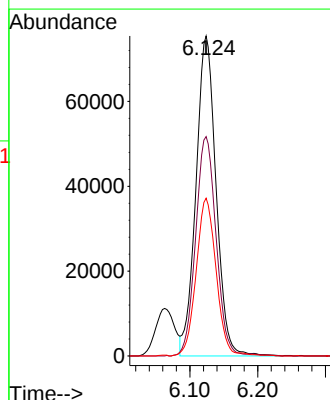
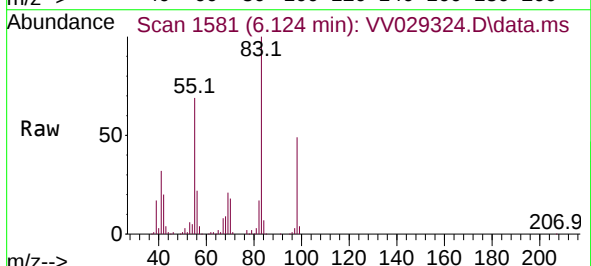
Tgt Ion: 83 Resp: 155452

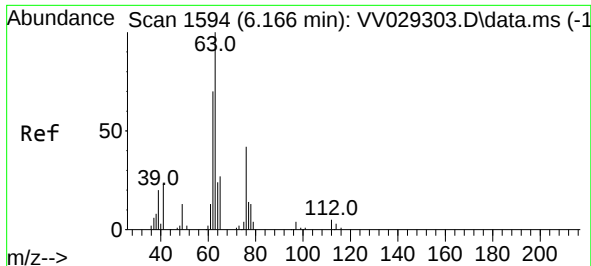
Ion Ratio Lower Upper

83 100

55 69.5 55.4 83.2

98 49.0 39.4 59.2





#37

1,2-Dichloropropane

Concen: 4.743 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

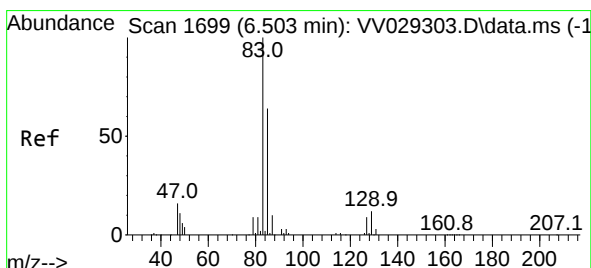
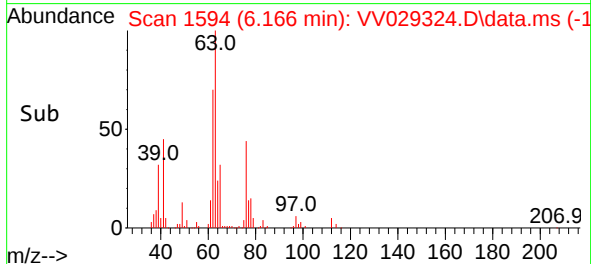
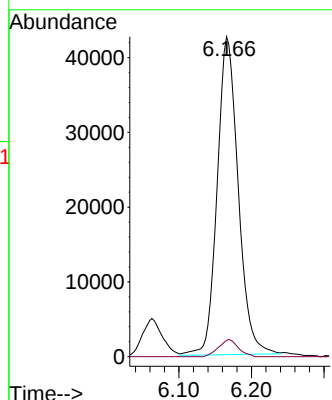
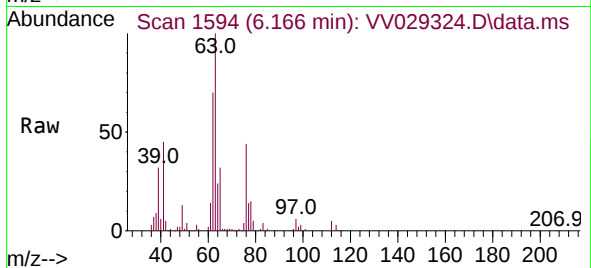
ClientSampleId :

Tgt Ion: 63 Resp: 85701

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 4.862 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

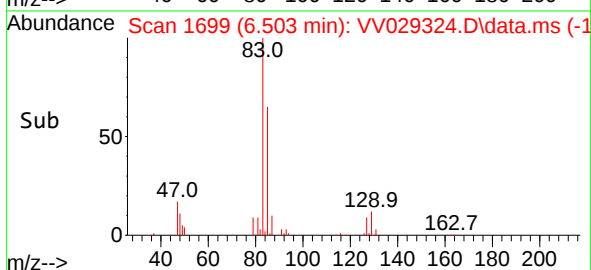
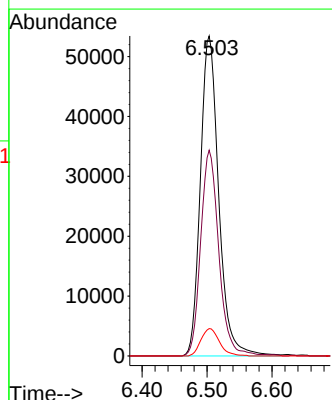
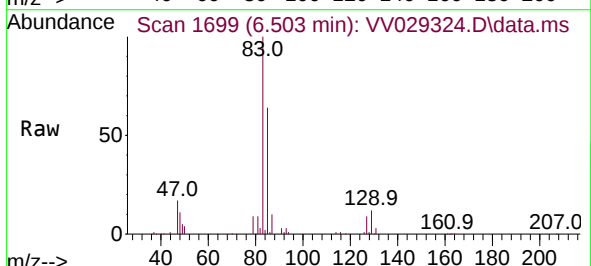
Tgt Ion: 83 Resp: 105166

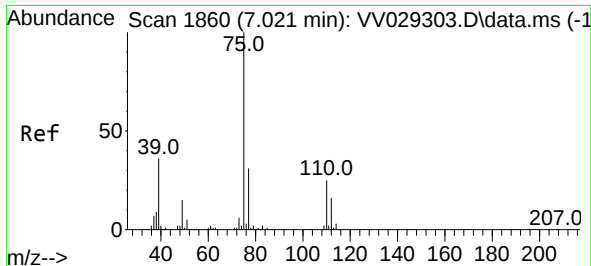
Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

127 8.5 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 4.738 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

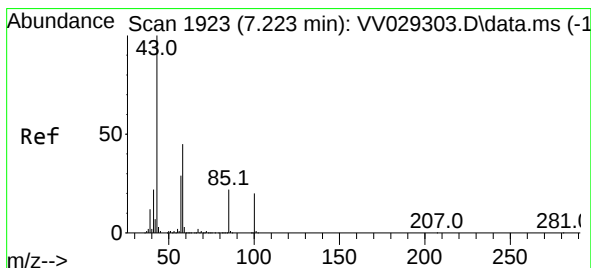
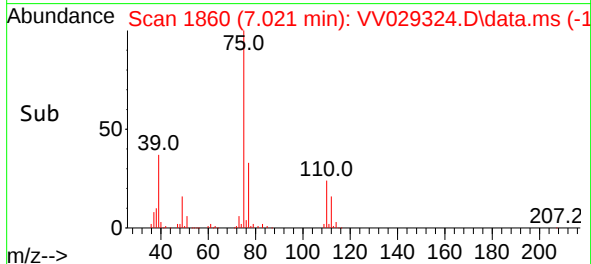
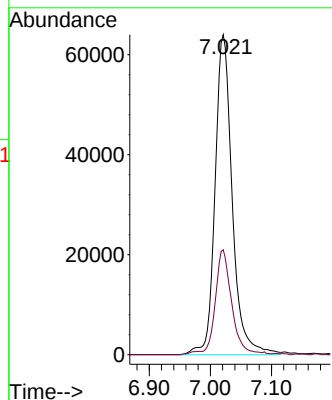
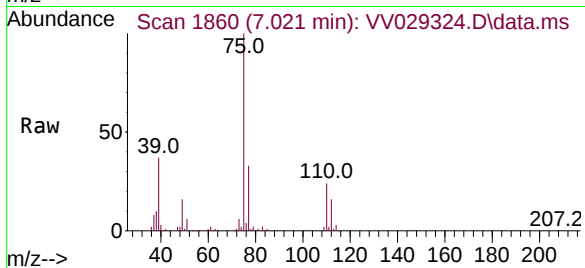
ClientSampleId :

Tgt Ion: 75 Resp: 125119

Ion Ratio Lower Upper

75 100

77 32.8 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 50.070 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

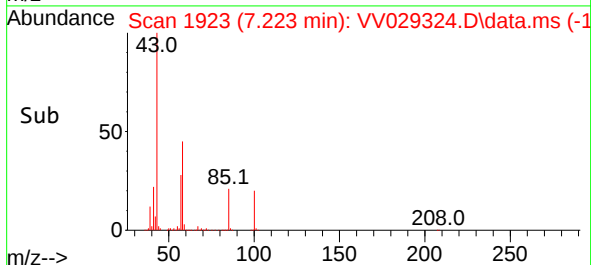
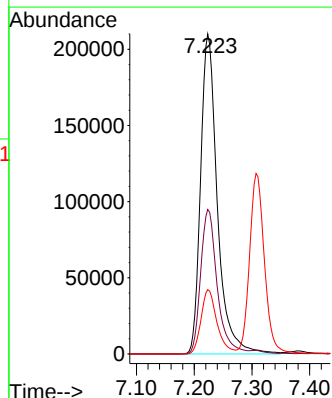
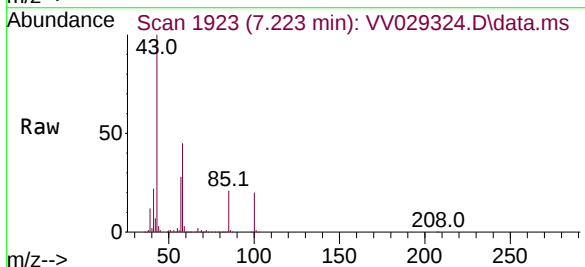
Tgt Ion: 43 Resp: 423314

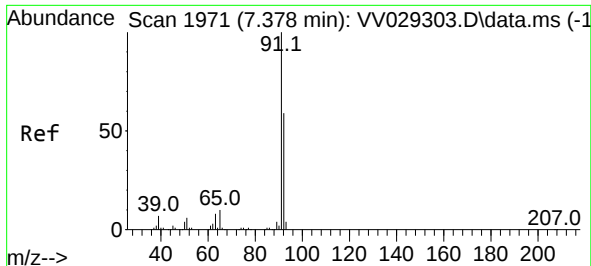
Ion Ratio Lower Upper

43 100

58 44.5 35.3 52.9

100 19.1 15.3 22.9

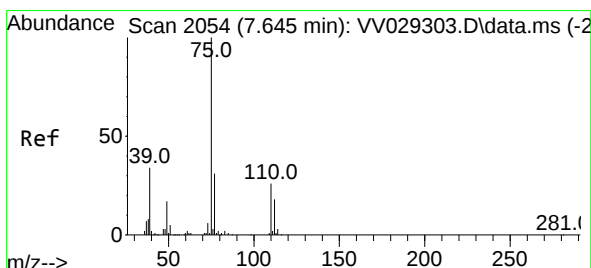
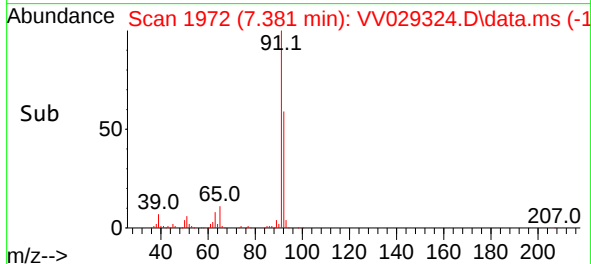
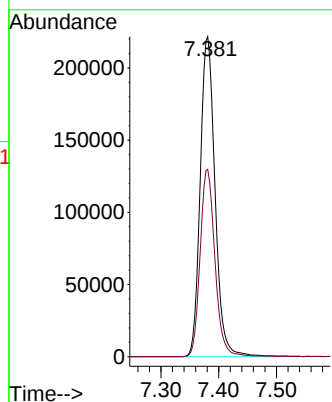
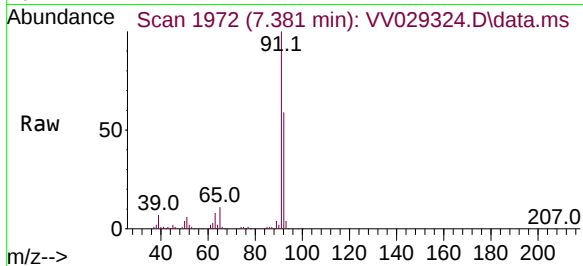




#42
Toluene
Concen: 4.799 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

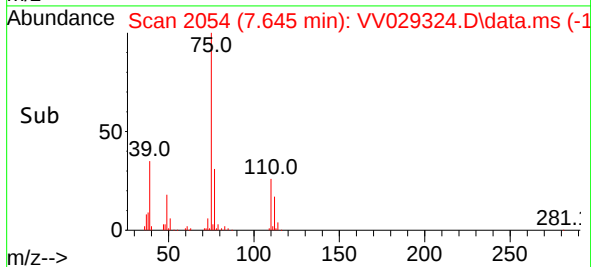
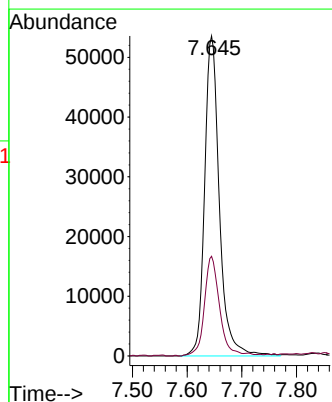
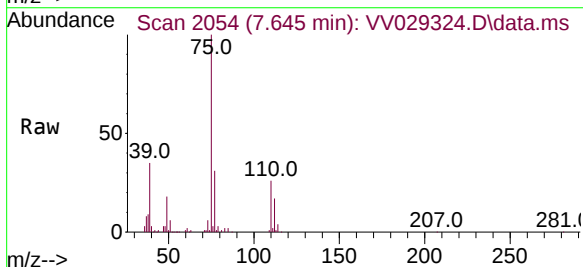
Instrument :
MSVOA_V
ClientSampleId :

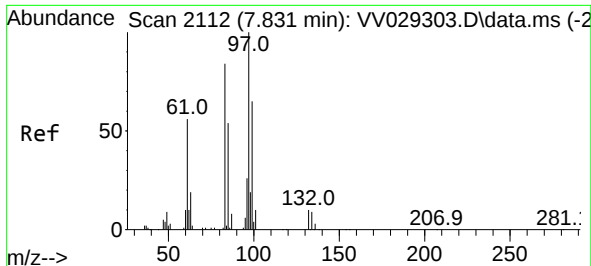
Tgt Ion: 91 Resp: 395036
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 4.793 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion: 75 Resp: 100271
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6

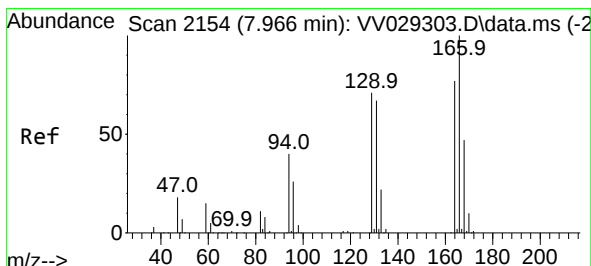
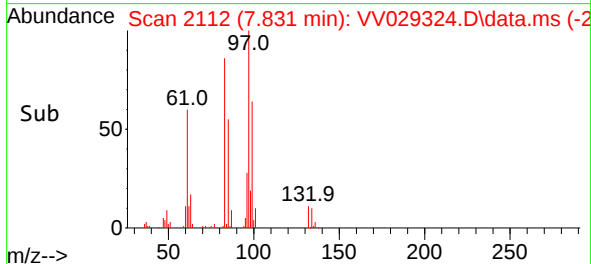
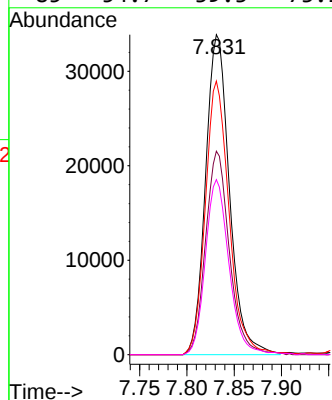
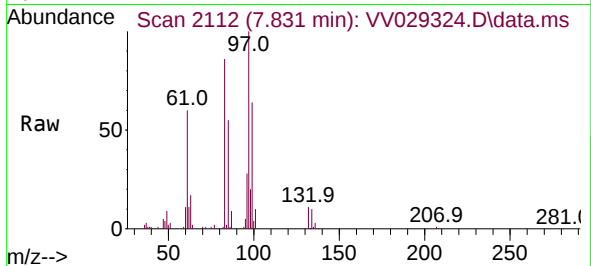




#45
 1,1,2-Trichloroethane
 Concen: 4.881 ug/L
 RT: 7.831 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

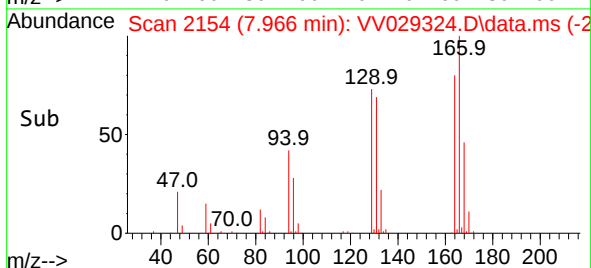
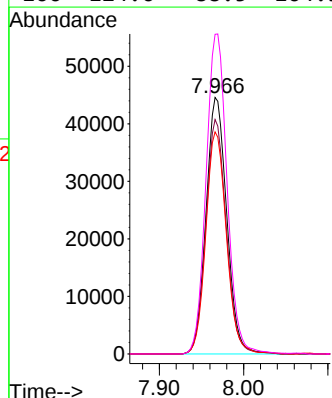
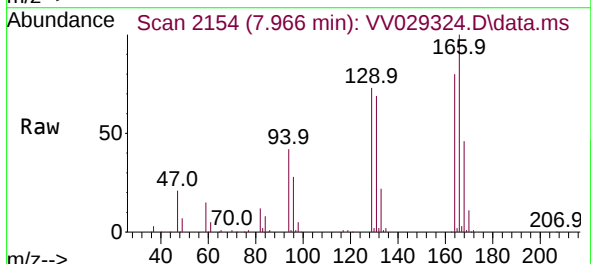
Instrument :
 MSVOA_V
 ClientSampleId :

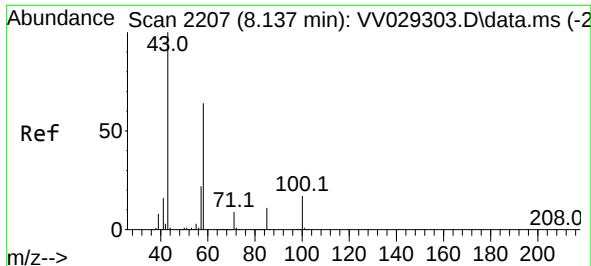
Tgt Ion: 97	Resp: 59702
Ion Ratio	Lower Upper
97 100	
99 63.6	44.4 82.5
83 85.5	59.5 110.5
85 54.7	39.3 73.1



#47
 Tetrachloroethene
 Concen: 4.768 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VV029324.D
 Acq: 24 Nov 2022 03:36

Tgt	Ion:164	Resp:	76476
Ion	Ratio	Lower	Upper
164	100		
129	91.4	61.7	114.7
131	86.6	62.9	116.9
166	124.6	88.5	164.3

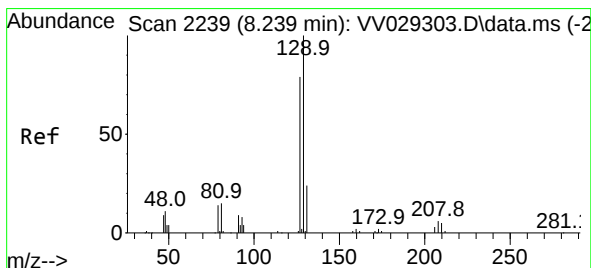
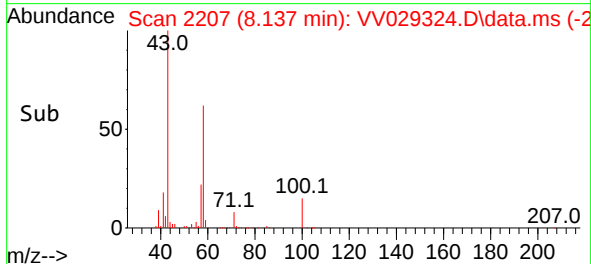
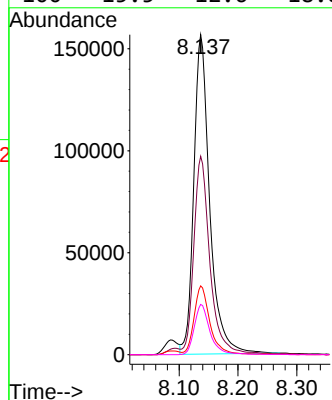
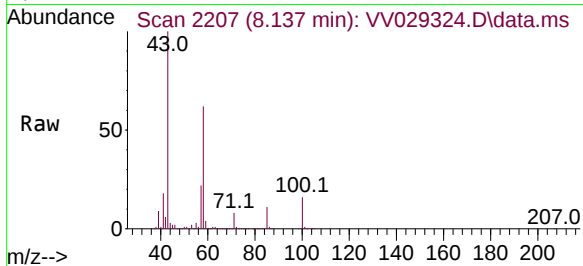




#48
2-Hexanone
Concen: 49.993 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

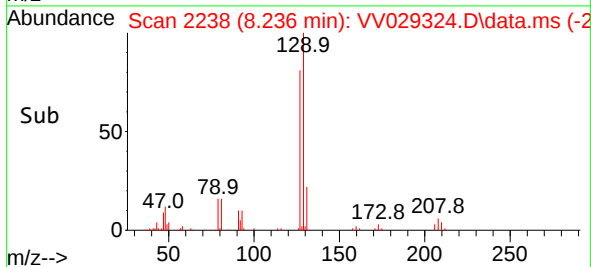
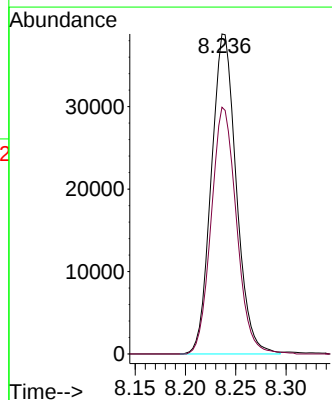
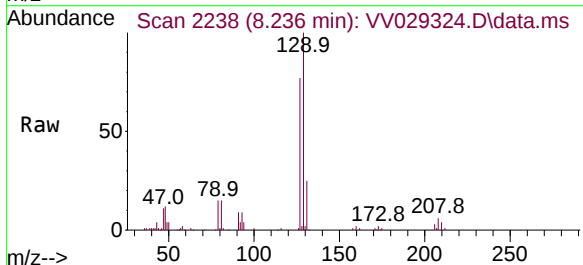
Instrument :
MSVOA_V
ClientSampleId :

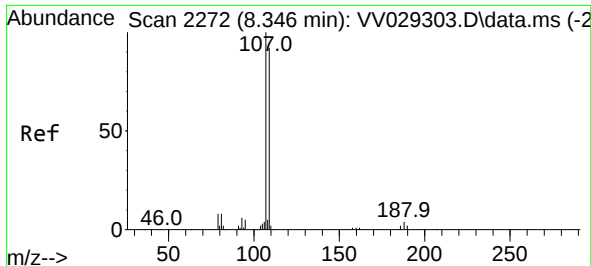
Tgt Ion: 43 Resp: 294649
Ion Ratio Lower Upper
43 100
58 62.4 49.4 74.0
57 20.8 16.9 25.3
100 15.5 12.6 18.8



#49
Dibromochloromethane
Concen: 4.883 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion: 129 Resp: 67194
Ion Ratio Lower Upper
129 100
127 77.1 53.1 98.7





#50

1,2-Dibromoethane

Concen: 4.988 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

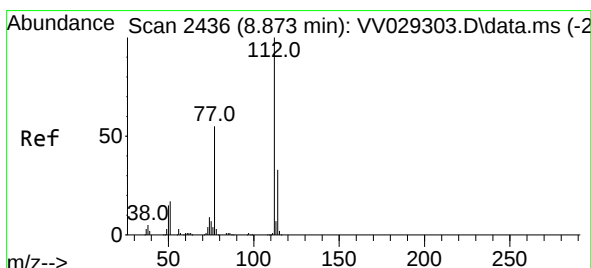
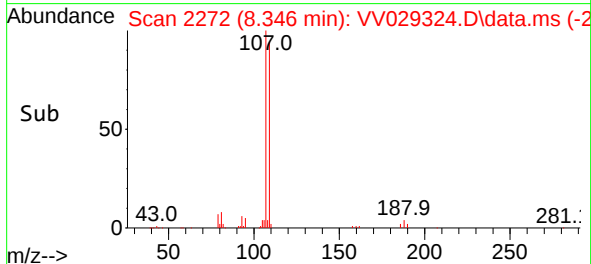
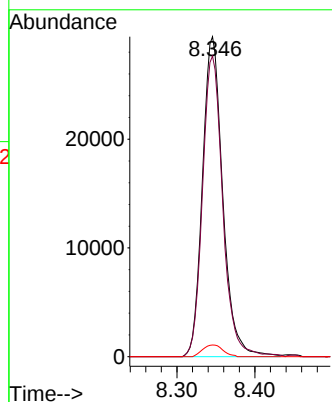
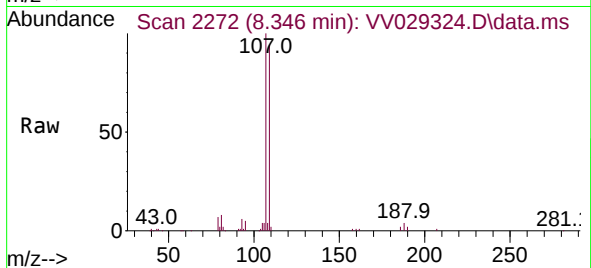
Tgt Ion:107 Resp: 53242

Ion Ratio Lower Upper

107 100

109 93.9 64.0 118.8

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 4.912 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

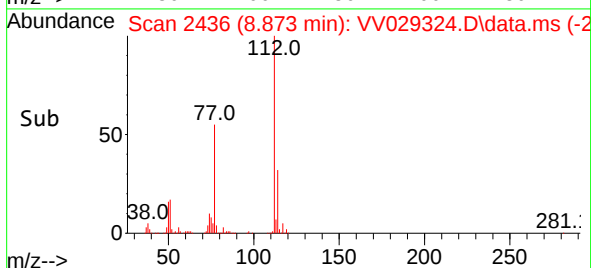
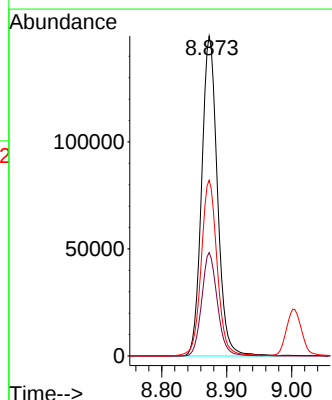
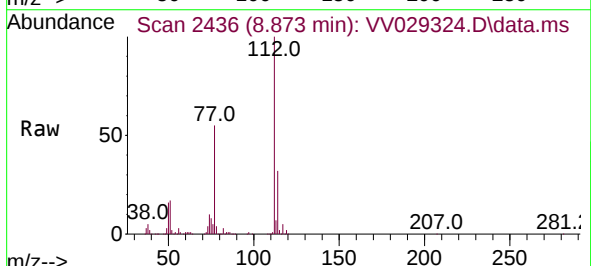
Tgt Ion:112 Resp: 252720

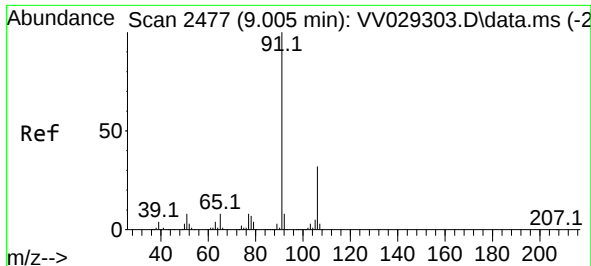
Ion Ratio Lower Upper

112 100

114 32.3 22.9 42.5

77 54.9 45.3 67.9





#52

Ethylbenzene

Concen: 5.019 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

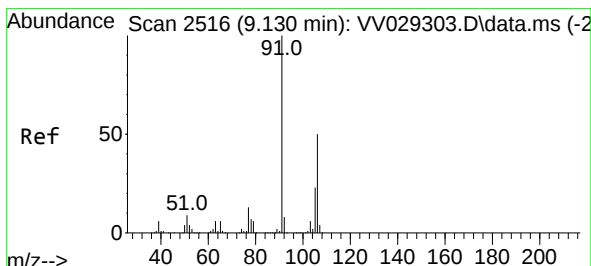
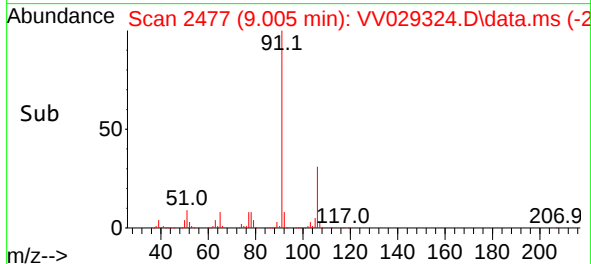
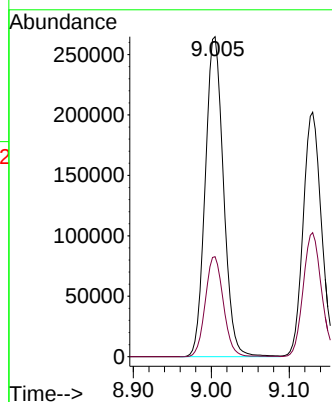
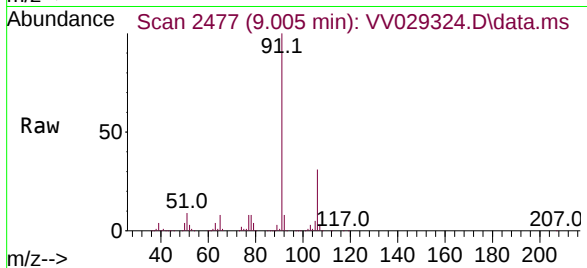
ClientSampleId :

Tgt Ion: 91 Resp: 430782

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 4.966 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029324.D

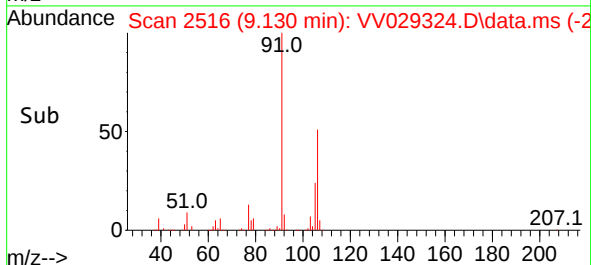
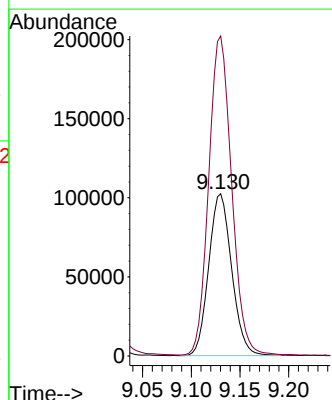
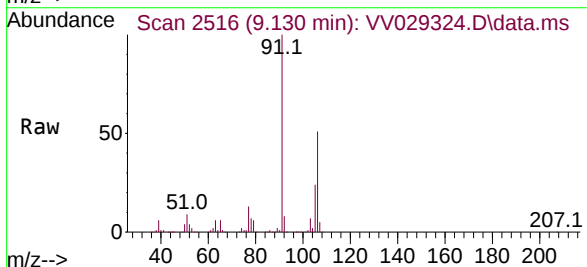
Acq: 24 Nov 2022 03:36

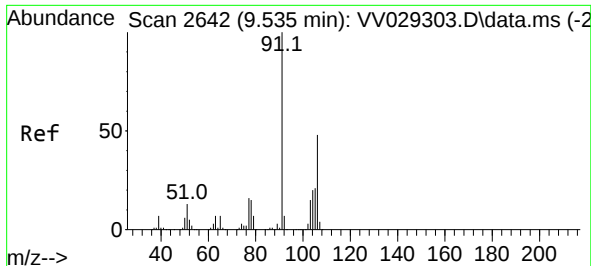
Tgt Ion:106 Resp: 168102

Ion Ratio Lower Upper

106 100

91 197.2 140.6 261.2

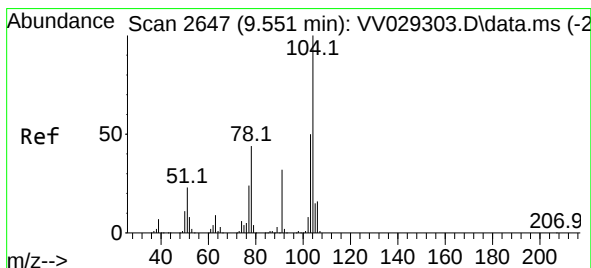
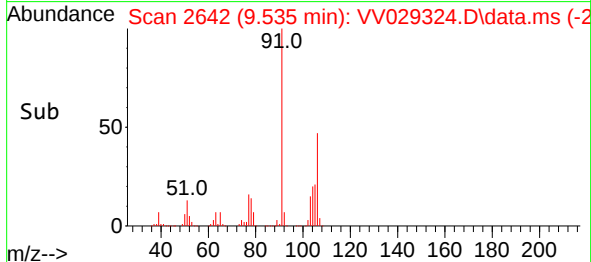
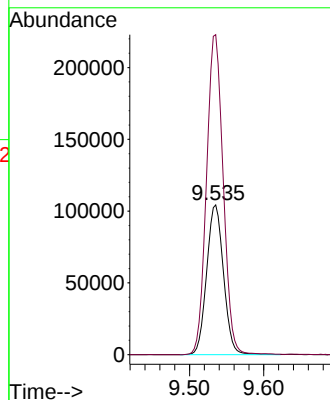
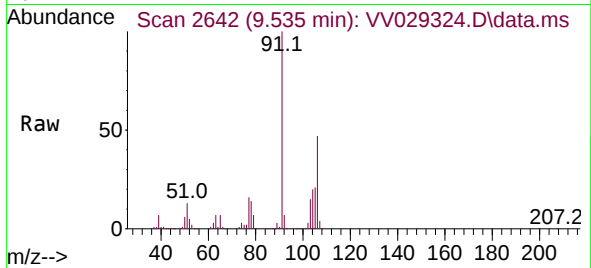




#54
o-Xylene
Concen: 4.936 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

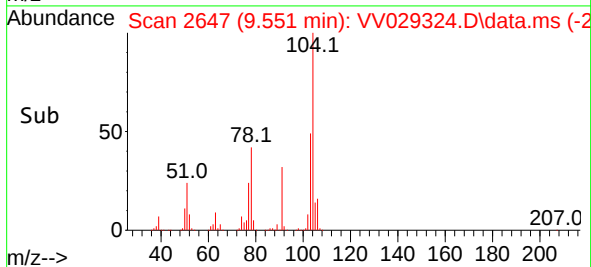
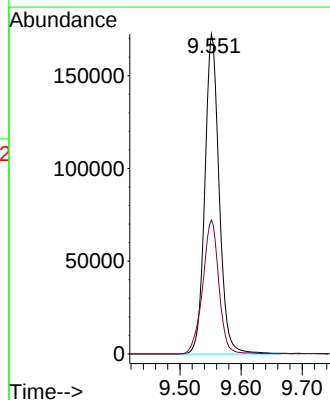
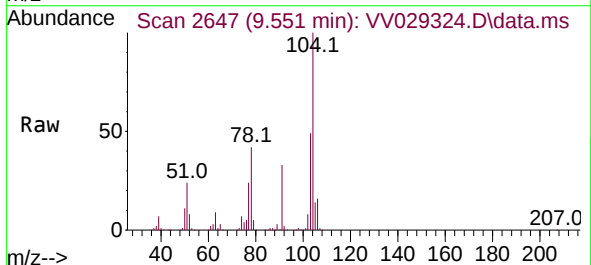
Instrument :
MSVOA_V
ClientSampleId :

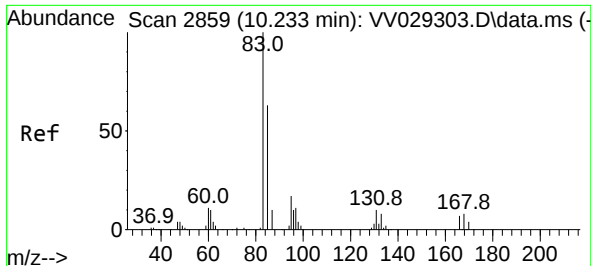
Tgt Ion:106 Resp: 164123
Ion Ratio Lower Upper
106 100
91 213.7 146.9 272.9



#55
Styrene
Concen: 5.004 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion:104 Resp: 280865
Ion Ratio Lower Upper
104 100
78 41.9 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.005 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

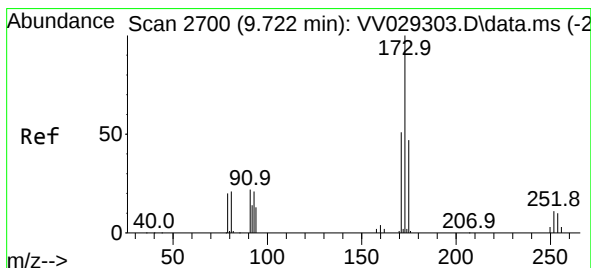
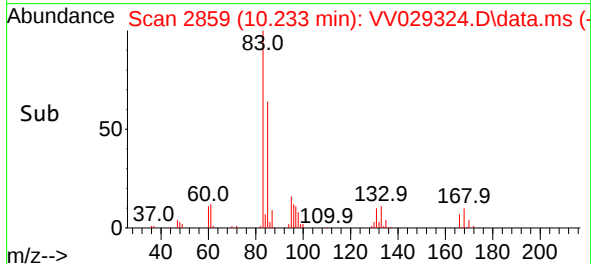
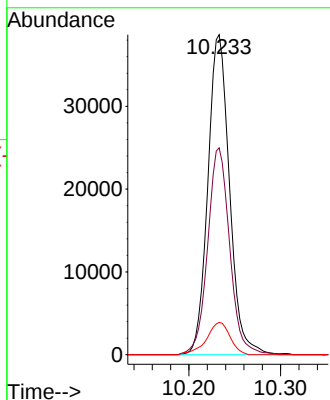
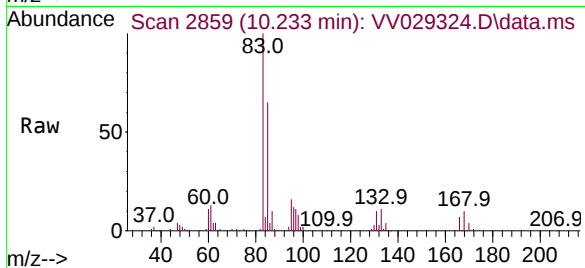
Tgt Ion: 83 Resp: 63344

Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5

131 10.1 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: VV029324.D

Acq: 24 Nov 2022 03:36

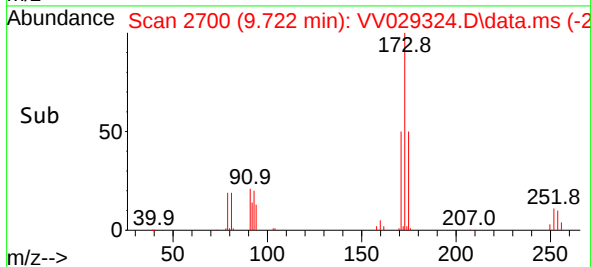
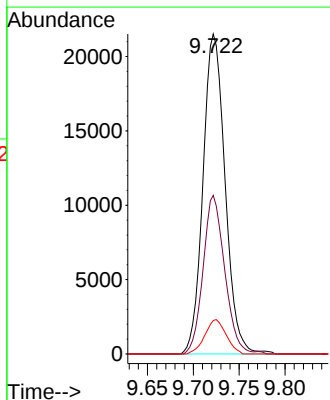
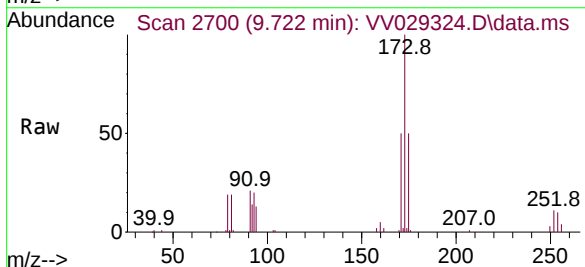
Tgt Ion: 173 Resp: 36129

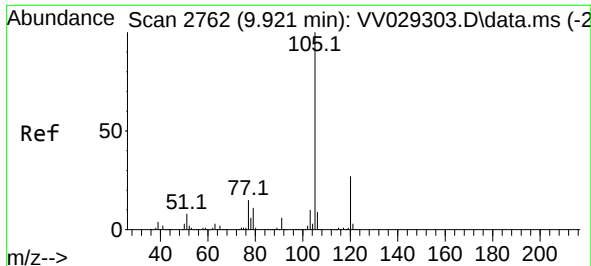
Ion Ratio Lower Upper

173 100

175 48.2 38.6 58.0

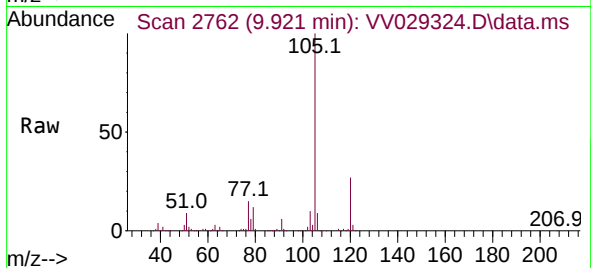
254 10.3 8.3 12.5



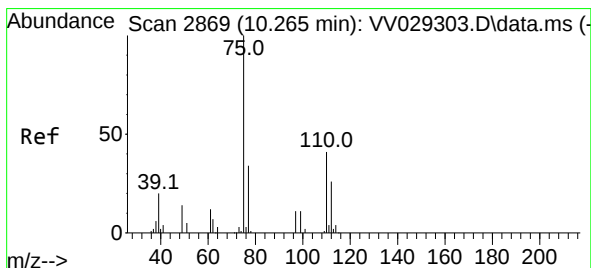
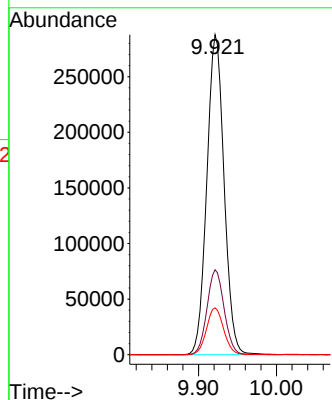
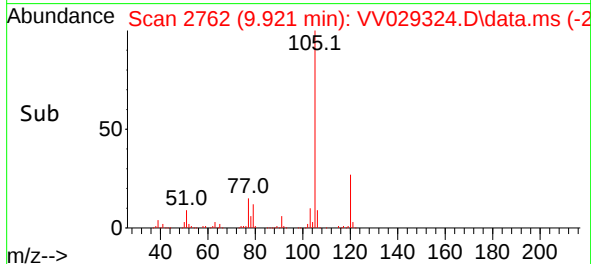


#60
Isopropylbenzene
Concen: 5.063 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

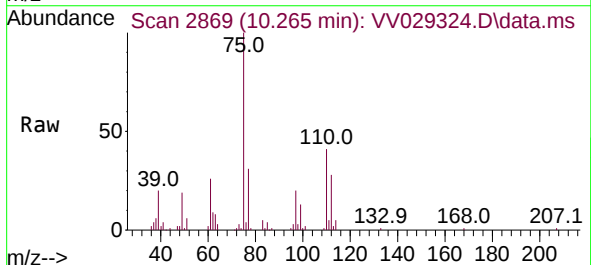
Instrument :
MSVOA_V
ClientSampleId :



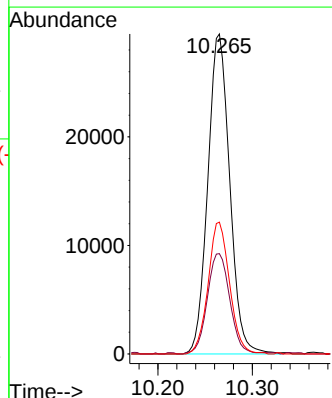
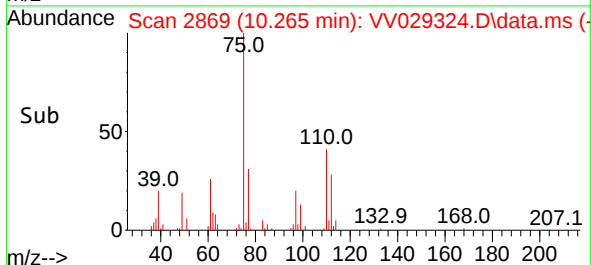
Tgt Ion:105 Resp: 441833
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.7 11.8 17.8

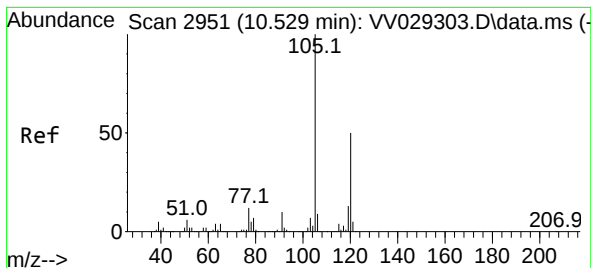


#61
1,2,3-Trichloropropane
Concen: 5.072 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36



Tgt Ion: 75 Resp: 47482
Ion Ratio Lower Upper
75 100
77 32.1 26.7 40.1
110 40.3 32.2 48.4

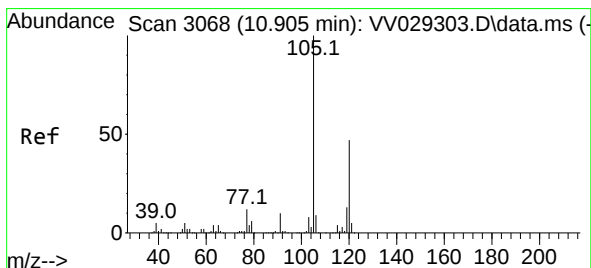
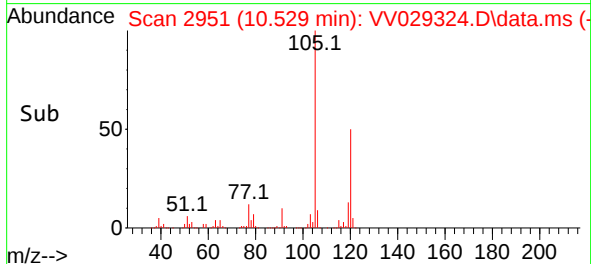
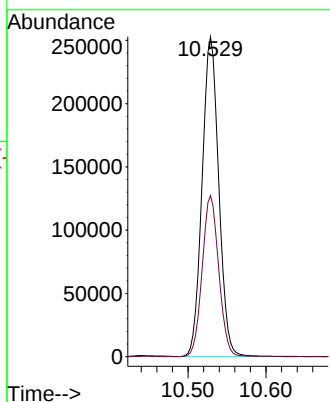
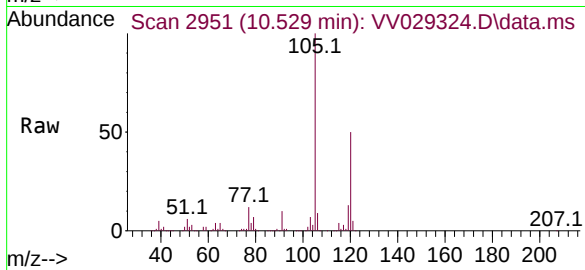




#62
1,3,5-Trimethylbenzene
Concen: 4.964 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

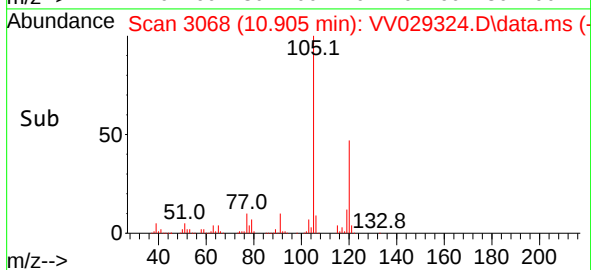
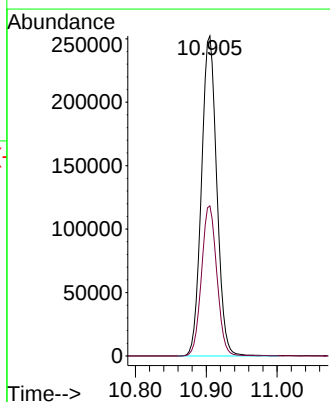
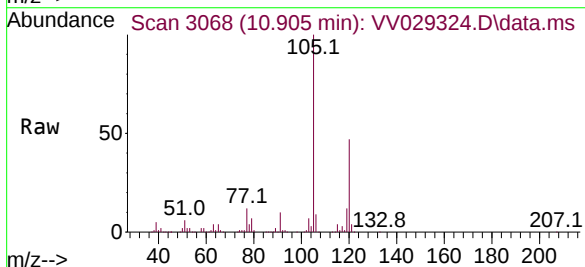
Instrument :
MSVOA_V
ClientSampleId :

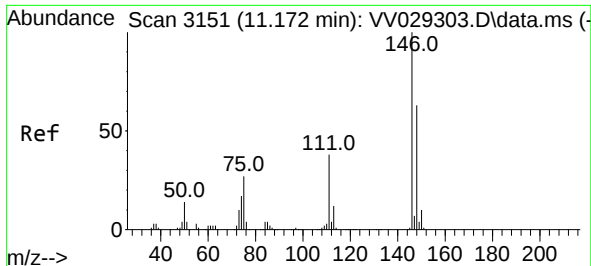
Tgt Ion:105 Resp: 375119
Ion Ratio Lower Upper
105 100
120 50.2 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.983 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion:105 Resp: 378708
Ion Ratio Lower Upper
105 100
120 47.0 37.2 55.8

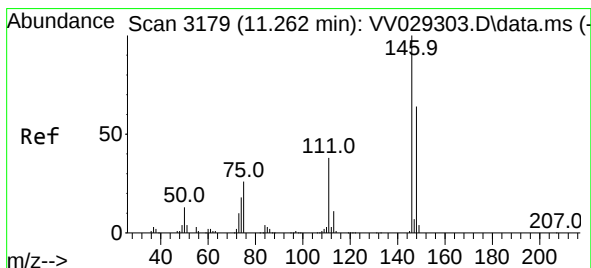
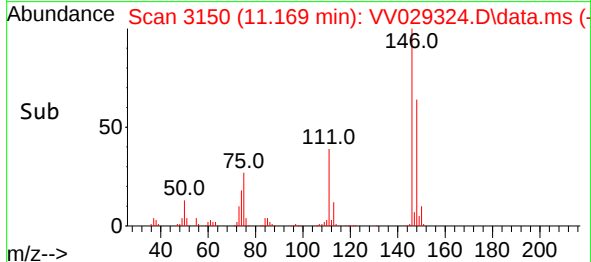
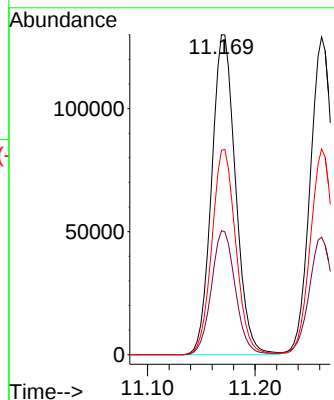
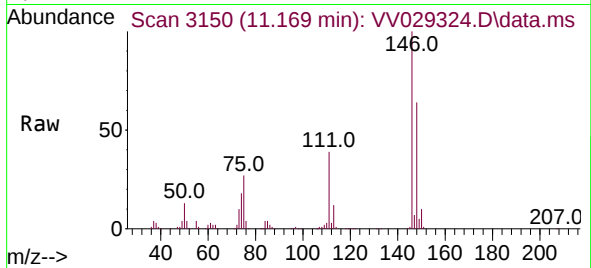




#64
1,3-Dichlorobenzene
Concen: 4.935 ug/L
RT: 11.169 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

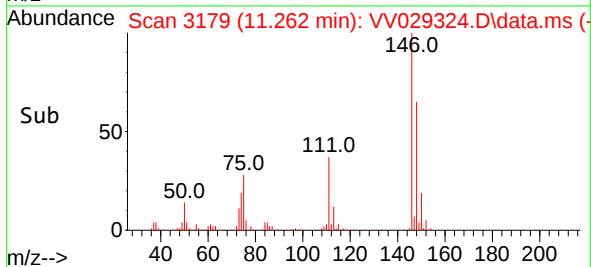
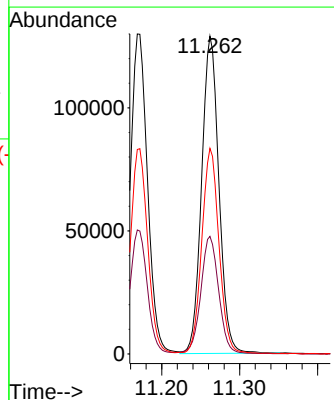
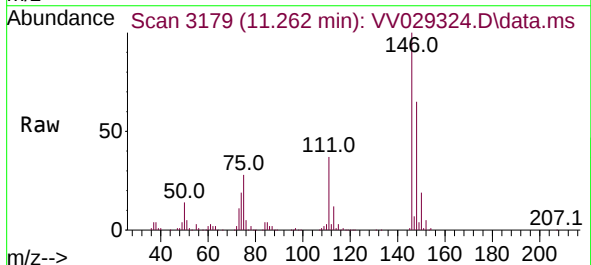
Instrument :
MSVOA_V
ClientSampleId :

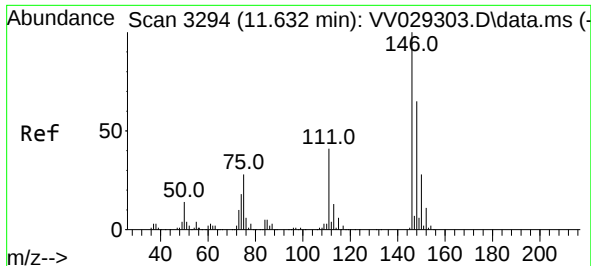
Tgt Ion:146 Resp: 200909
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 63.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.919 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029324.D
Acq: 24 Nov 2022 03:36

Tgt Ion:146 Resp: 198136
Ion Ratio Lower Upper
146 100
111 37.0 26.0 48.4
148 64.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 4.948 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

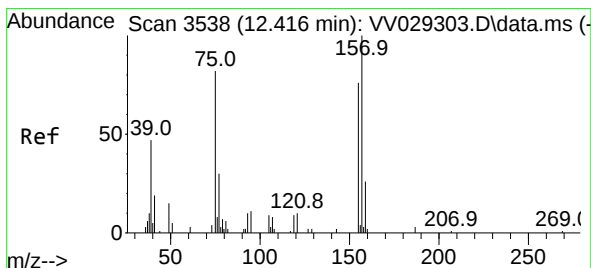
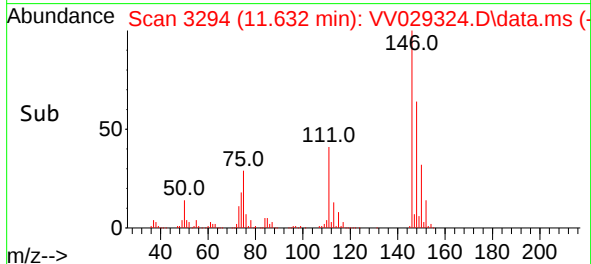
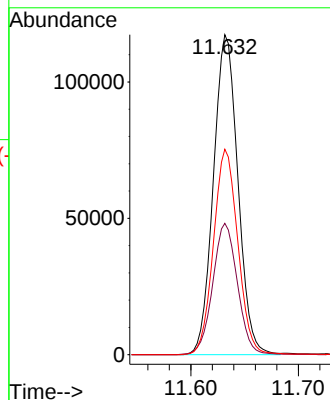
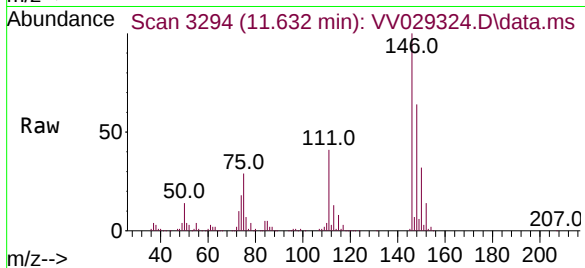
Tgt Ion:146 Resp: 185589

Ion Ratio Lower Upper

146 100

111 41.0 33.5 50.3

148 64.2 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.966 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

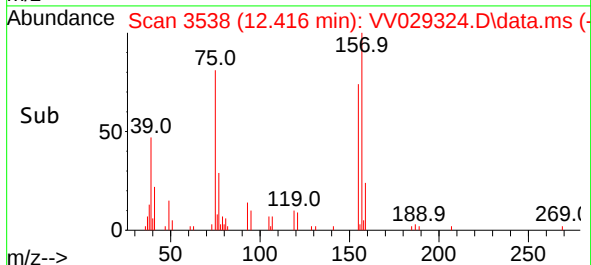
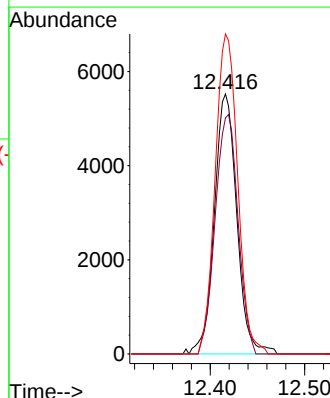
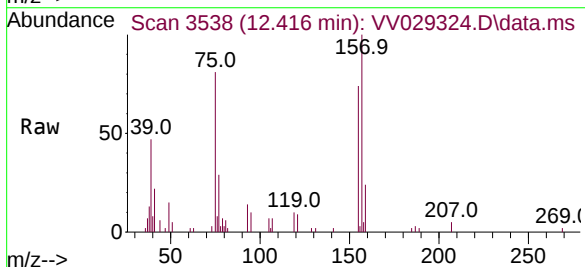
Tgt Ion: 75 Resp: 9130

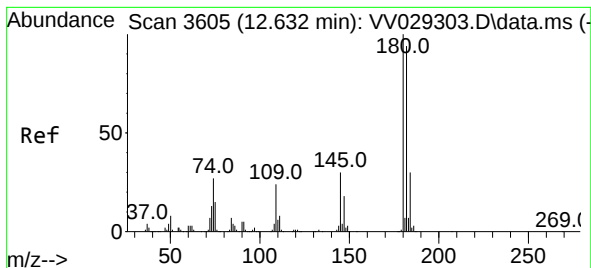
Ion Ratio Lower Upper

75 100

155 90.8 76.6 115.0

157 123.1 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.803 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 161123

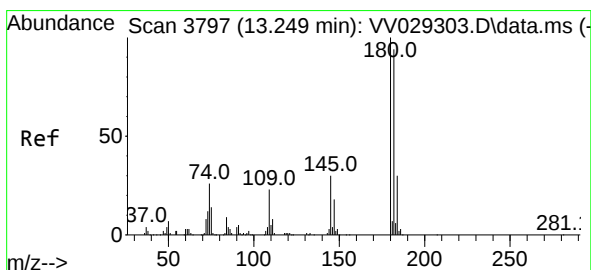
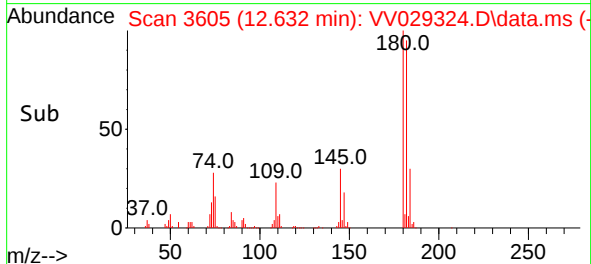
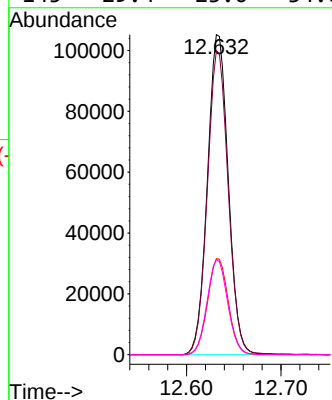
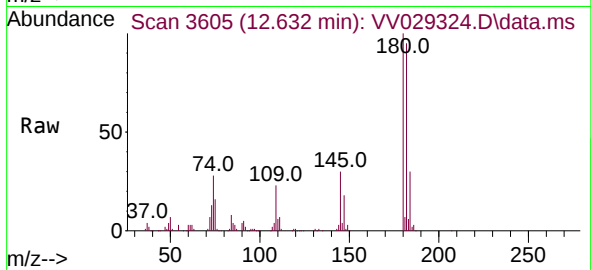
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

184 29.8 24.4 36.6

145 29.4 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 4.820 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

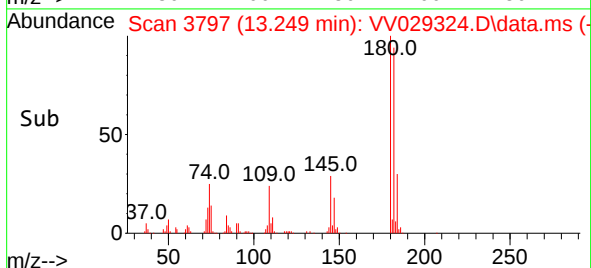
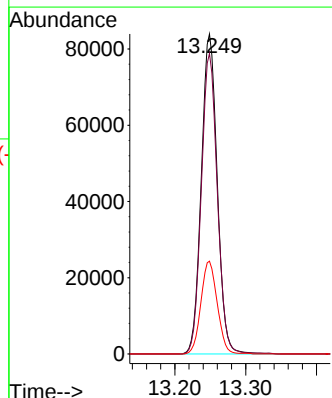
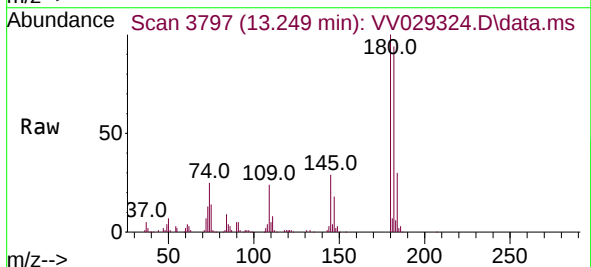
Tgt Ion:180 Resp: 131006

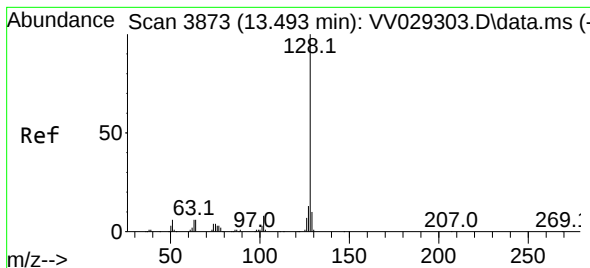
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

145 29.7 23.4 35.0





#71

Naphthalene

Concen: 4.073 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029324.D

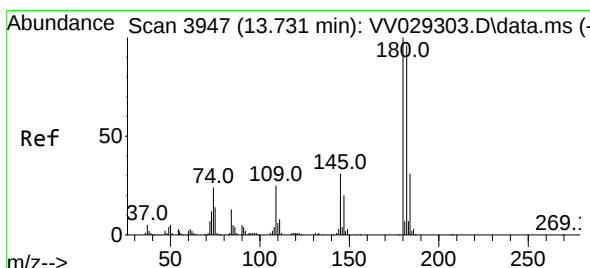
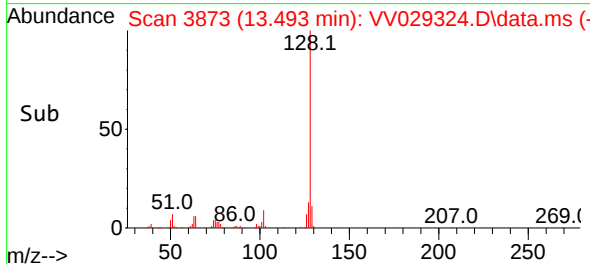
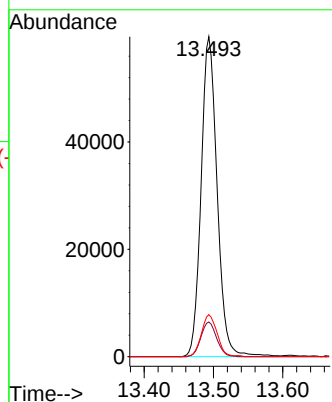
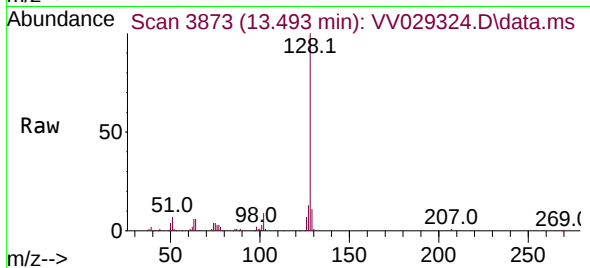
Acq: 24 Nov 2022 03:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	95836
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	13.0	10.6	15.8



#72

1,2,3-Trichlorobenzene

Concen: 4.931 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029324.D

Acq: 24 Nov 2022 03:36

Tgt Ion:	180	Resp:	109116
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.0	112.4
145	31.0	25.2	37.8

