

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029706.D
 Acq On : 16 Dec 2022 18:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	245671	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	227676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	121535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54589	3.611	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.564	69	52591	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	115715	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.895	46	166018	65.642	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.280%#
24) Chloroform-d	4.339	84	134675	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	59204	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	267096	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.063	67	83925	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.307	98	242154	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.616	79	28682	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.085	63	149188	61.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.800%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64324	5.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	94803	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	95854	5.229	ug/L	100
3) Chloromethane	1.240	50	110927	6.605	ug/L	100
5) Vinyl chloride	1.310	62	109519	6.544	ug/L	99
6) Bromomethane	1.519	94	55244	5.290	ug/L	98
8) Chloroethane	1.584	64	68073	6.844	ug/L	99
9) Trichlorofluoromethane	1.751	101	140950	6.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	81594	6.247	ug/L	95
12) 1,1-Dichloroethene	2.117	96	81009	6.413	ug/L	87
13) Acetone	2.188	43	103399	56.227	ug/L	98
14) Carbon disulfide	2.291	76	241879	6.590	ug/L	100
15) Methyl Acetate	2.439	43	26071	4.933	ug/L	91
16) Methylene chloride	2.503	84	96654	5.008	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	183220	5.673	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	88958	6.136	ug/L	97
19) 1,1-Dichloroethane	3.182	63	161175	6.177	ug/L	98
21) 2-Butanone	3.979	43	171834	59.689	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	95850	5.780	ug/L	98
23) Bromochloromethane	4.243	128	41346	6.224	ug/L	98
25) Chloroform	4.365	83	162145	5.951	ug/L	100

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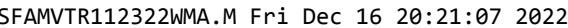
Instrument :
 MSVOA_V
 ClientSampleId :

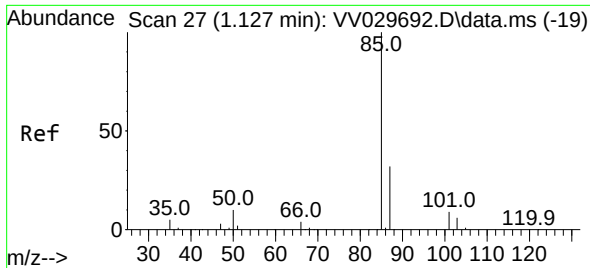
Quant Time: Dec 16 20:21:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	86639	5.869	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	142809	5.453	ug/L	99
30) Cyclohexane	4.670	56	135949	5.252	ug/L	98
31) Carbon tetrachloride	4.821	117	121496	5.486	ug/L	99
33) Benzene	5.092	78	375576	5.515	ug/L	100
34) Trichloroethene	5.908	95	93620	5.389	ug/L	97
35) Methylcyclohexane	6.124	83	147728	5.038	ug/L	97
37) 1,2-Dichloropropane	6.165	63	95483	5.952	ug/L	98
38) Bromodichloromethane	6.503	83	111927	5.829	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	117138	4.996	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	433069	57.695	ug/L	99
42) Toluene	7.381	91	397901	5.445	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	94978	5.113	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	61574	5.670	ug/L	99
47) Tetrachloroethene	7.966	164	73426	5.156	ug/L	99
48) 2-Hexanone	8.136	43	304485	58.188	ug/L	99
49) Dibromochloromethane	8.236	129	74132	6.068	ug/L	99
50) 1,2-Dibromoethane	8.342	107	55612	5.869	ug/L	98
51) Chlorobenzene	8.873	112	251242	5.500	ug/L	99
52) Ethylbenzene	9.005	91	410869	5.392	ug/L	99
53) m,p-Xylene	9.130	106	158643	5.278	ug/L	99
54) o-Xylene	9.535	106	152793	5.175	ug/L	100
55) Styrene	9.551	104	268686	5.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	69966	6.226	ug/L	99
59) Bromoform	9.722	173	38039	5.958	ug/L	99
60) Isopropylbenzene	9.921	105	405352	5.159	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	48164	5.714	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	334565	4.918	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	342644	5.007	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	194138	5.296	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	194463	5.362	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	179622	5.318	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	10638	6.426	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	148257	4.909	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	118315	4.834	ug/L	99
71) Naphthalene	13.493	128	135792	6.409	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	104861	5.263	ug/L	99

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

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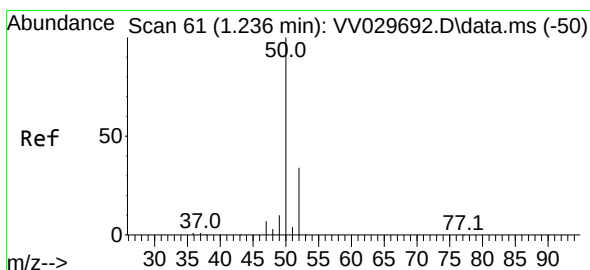
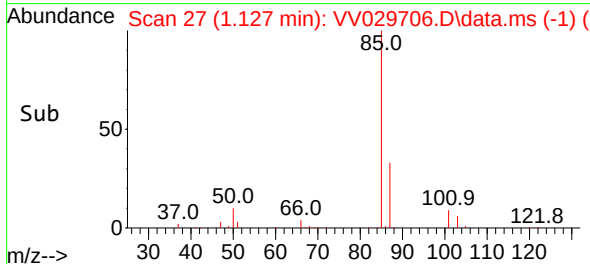
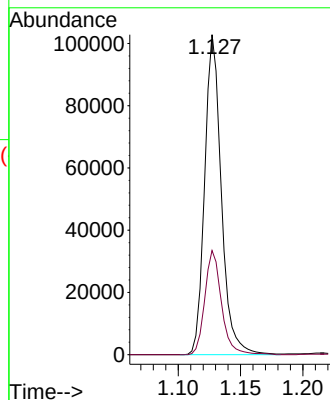
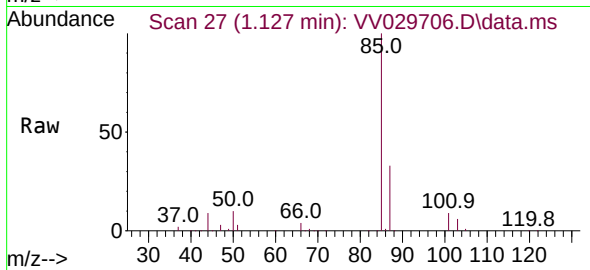




#2
 Dichlorodifluoromethane
 Concen: 5.229 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029706.D
 Acq: 16 Dec 2022 18:59

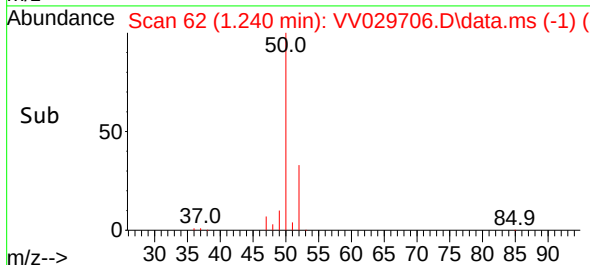
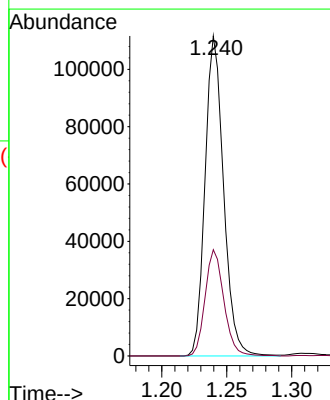
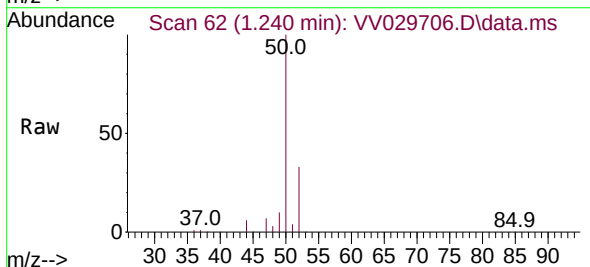
Instrument :
 MSVOA_V
 ClientSampleId :

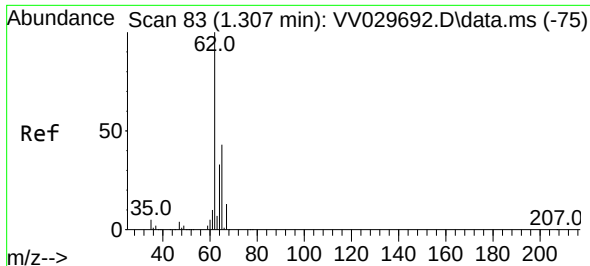
Tgt Ion: 85 Resp: 95854
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 6.605 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029706.D
 Acq: 16 Dec 2022 18:59

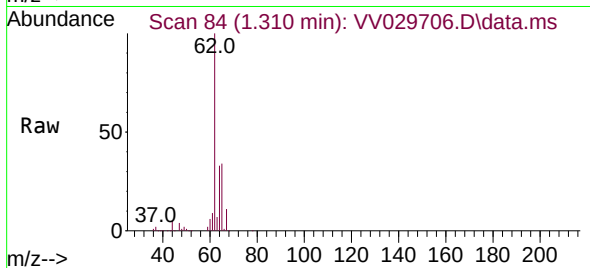
Tgt Ion: 50 Resp: 110927
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2



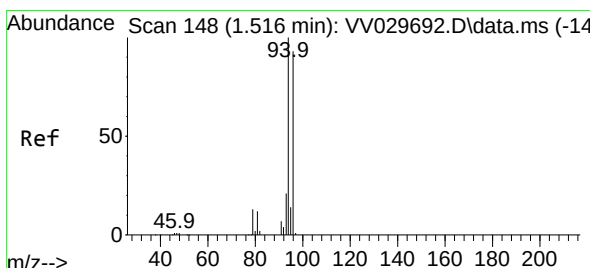
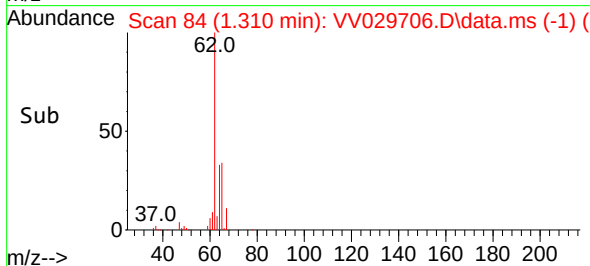
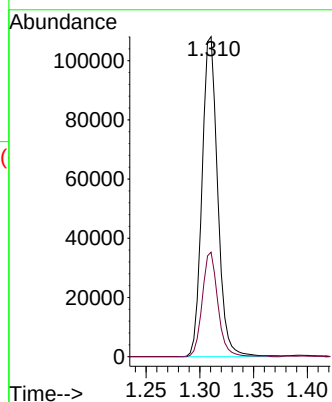


#5
 Vinyl chloride
 Concen: 6.544 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029706.D
 Acq: 16 Dec 2022 18:59

Instrument :
 MSVOA_V
 ClientSampleId :

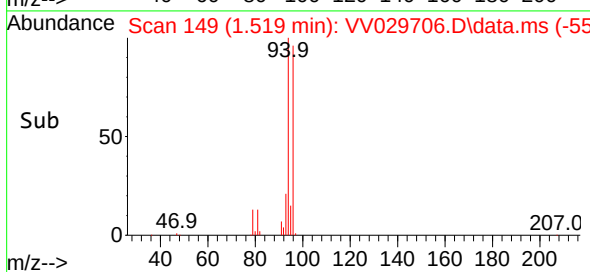
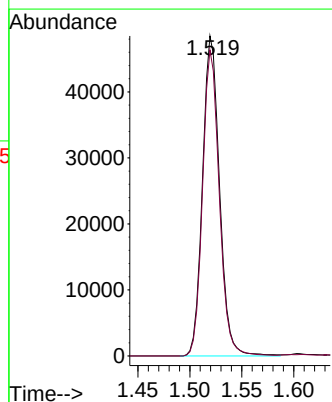
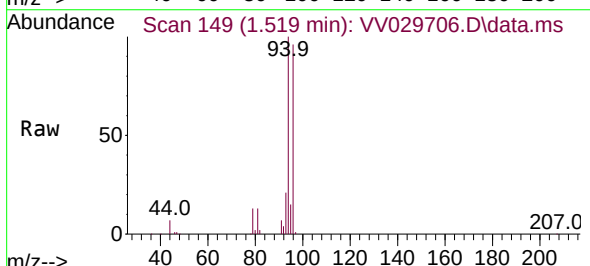


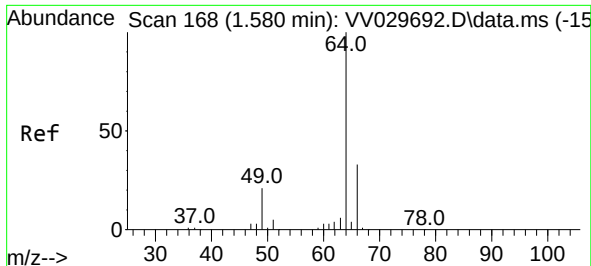
Tgt Ion: 62 Resp: 109519
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 5.290 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029706.D
 Acq: 16 Dec 2022 18:59

Tgt Ion: 94 Resp: 55244
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.4 121.4





#8

Chloroethane

Concen: 6.844 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

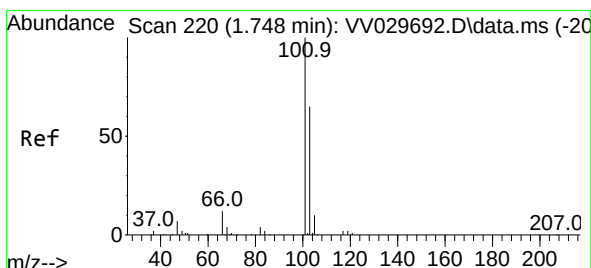
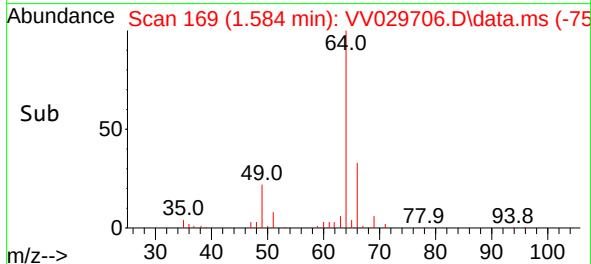
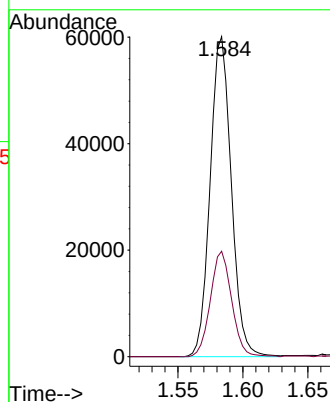
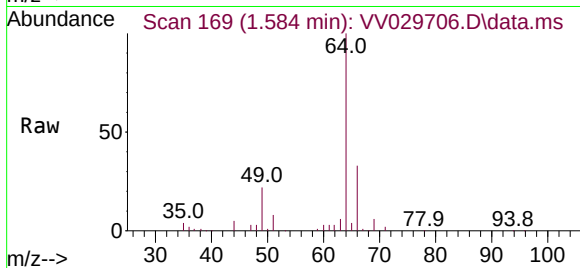
ClientSampleId :

Tgt Ion: 64 Resp: 68073

Ion Ratio Lower Upper

64 100

66 33.0 23.5 43.7



#9

Trichlorofluoromethane

Concen: 6.017 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV029706.D

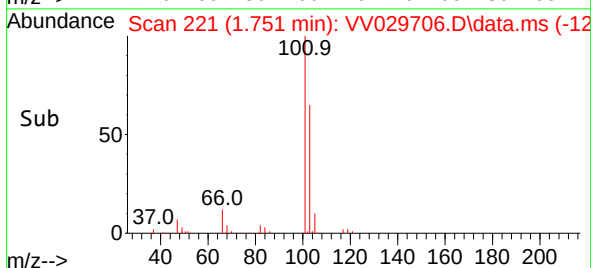
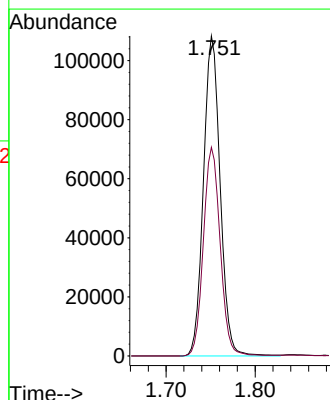
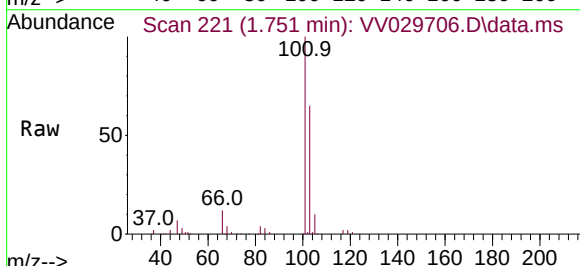
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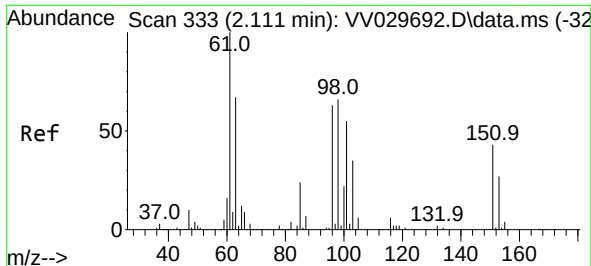
Tgt Ion:101 Resp: 140950

Ion Ratio Lower Upper

101 100

103 65.5 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.247 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

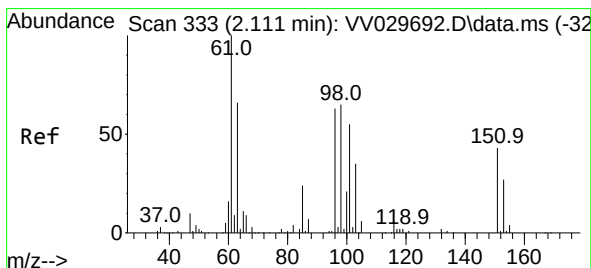
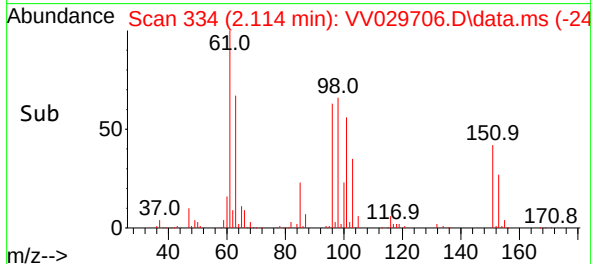
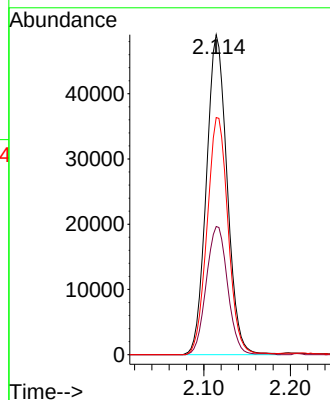
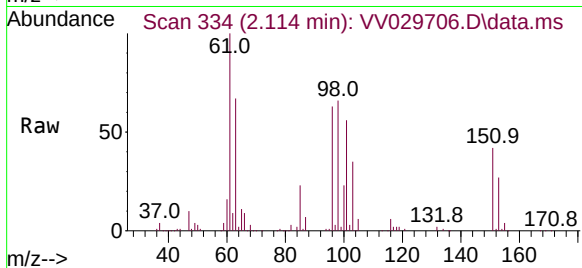
Tgt Ion:101 Resp: 81594

Ion Ratio Lower Upper

101 100

85 41.1 33.6 50.4

151 75.1 65.3 97.9



#12

1,1-Dichloroethene

Concen: 6.413 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.006 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

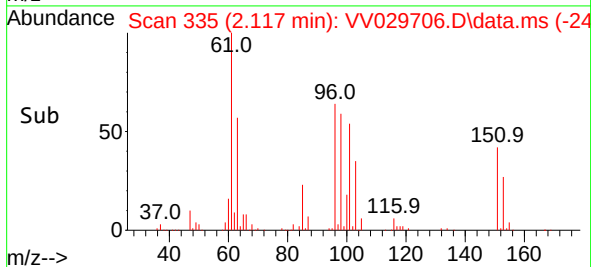
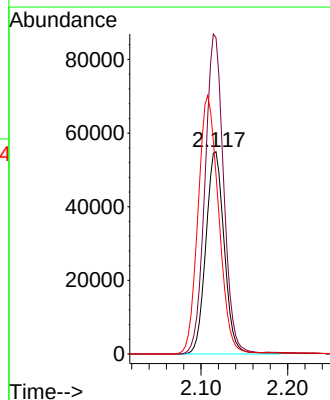
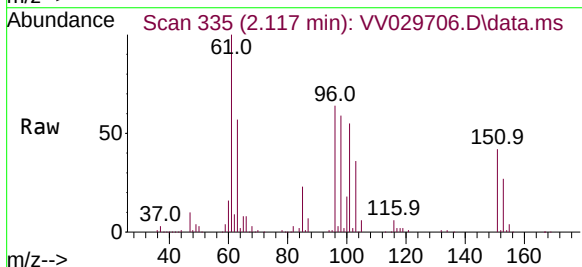
Tgt Ion: 96 Resp: 81009

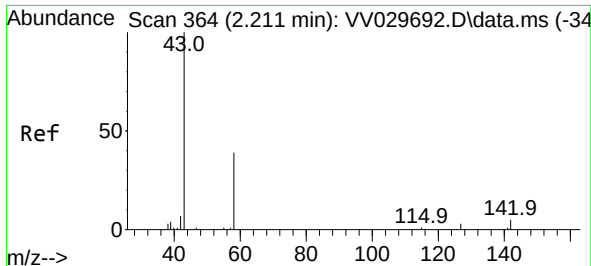
Ion Ratio Lower Upper

96 100

61 156.2 110.3 204.9

63 88.4 84.4 156.8





#13

Acetone

Concen: 56.227 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

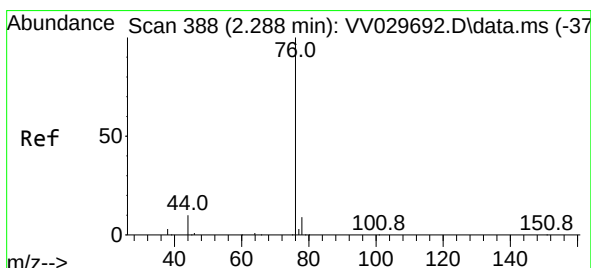
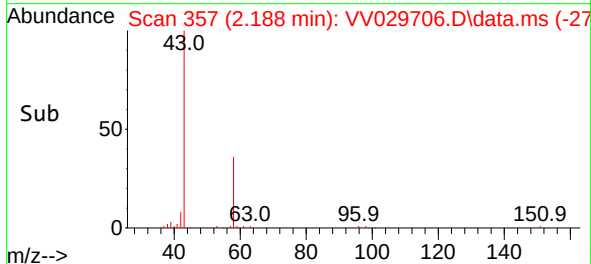
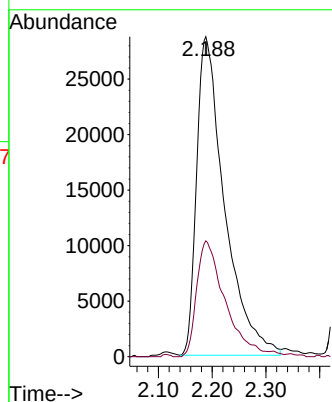
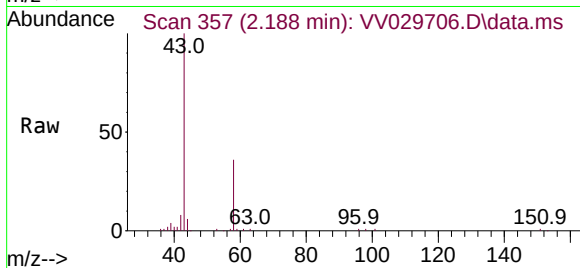
ClientSampleId :

Tgt Ion: 43 Resp: 103399

Ion Ratio Lower Upper

43 100

58 36.7 0.0 70.8



#14

Carbon disulfide

Concen: 6.590 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV029706.D

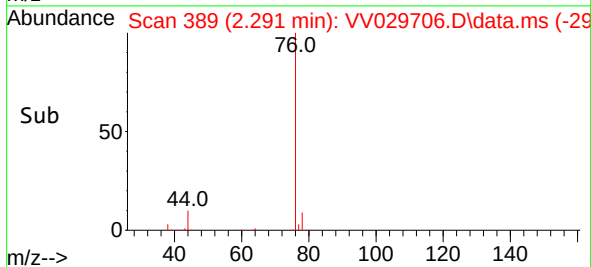
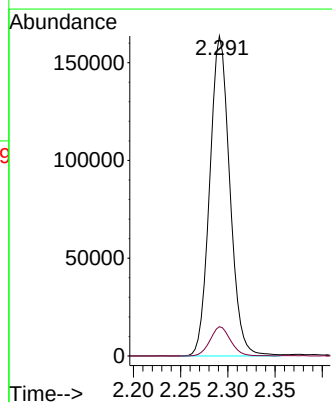
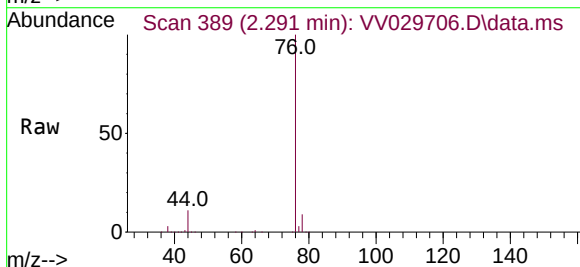
Acq: 16 Dec 2022 18:59

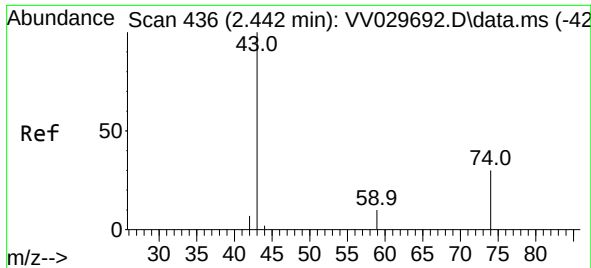
Tgt Ion: 76 Resp: 241879

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 4.933 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

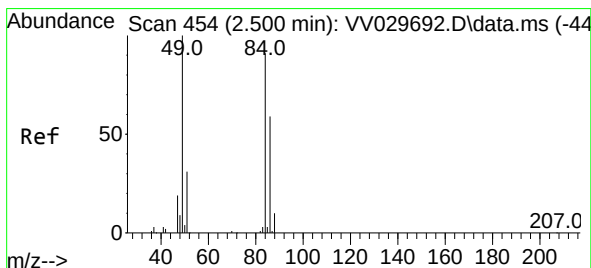
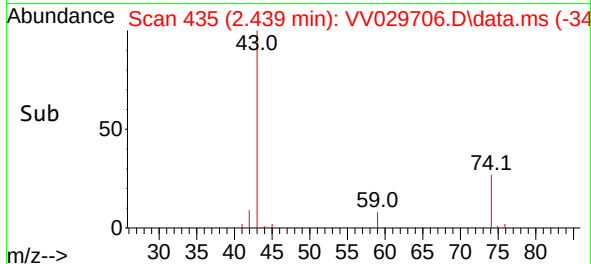
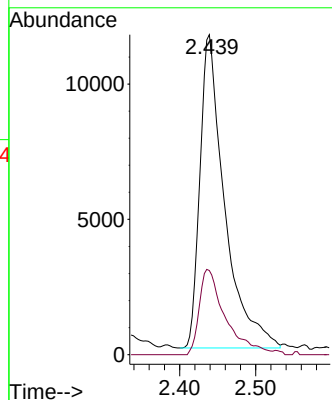
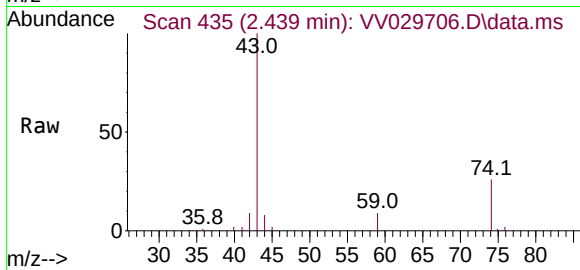
ClientSampleId :

Tgt Ion: 43 Resp: 26071

Ion Ratio Lower Upper

43 100

74 28.8 19.6 29.4



#16

Methylene chloride

Concen: 5.008 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

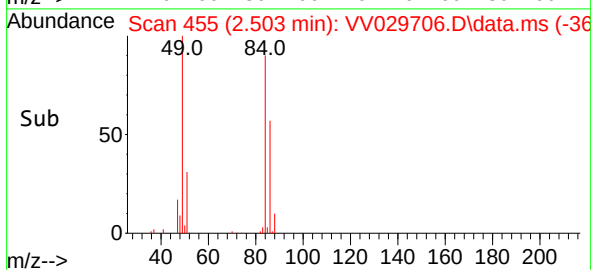
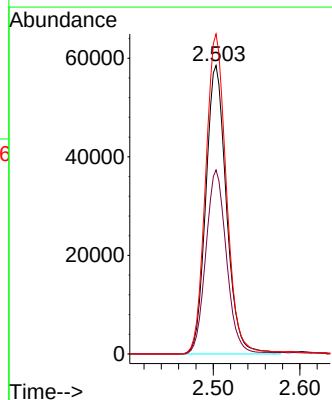
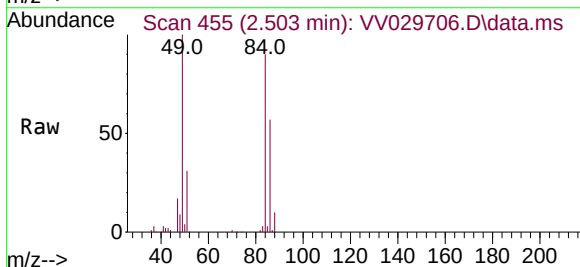
Tgt Ion: 84 Resp: 96654

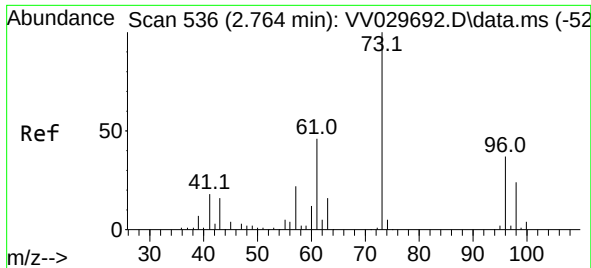
Ion Ratio Lower Upper

84 100

86 63.8 45.6 84.6

49 110.9 77.8 144.4

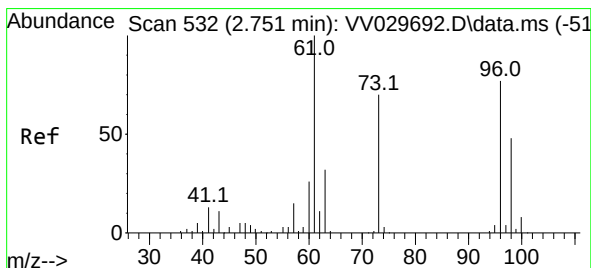
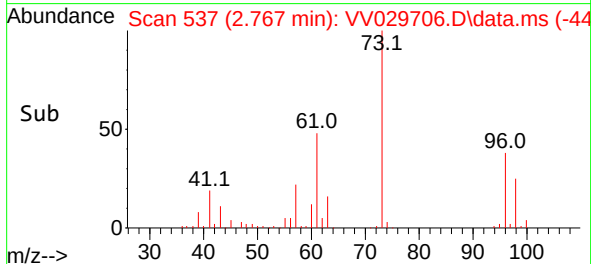
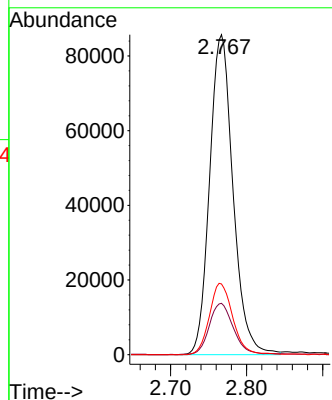
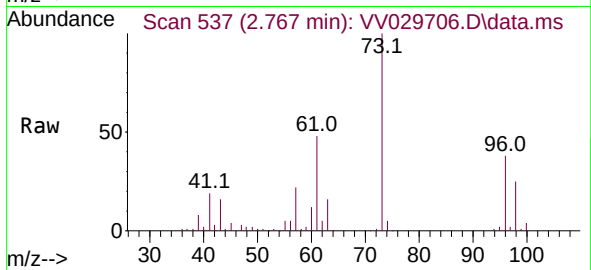




#17
Methyl tert-butyl Ether
Concen: 5.673 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

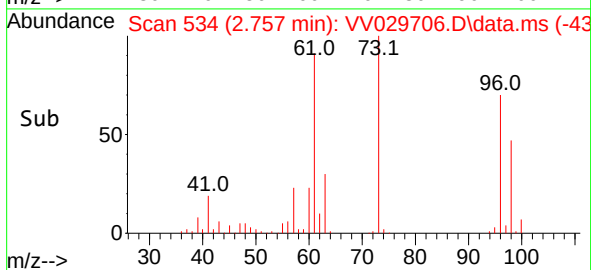
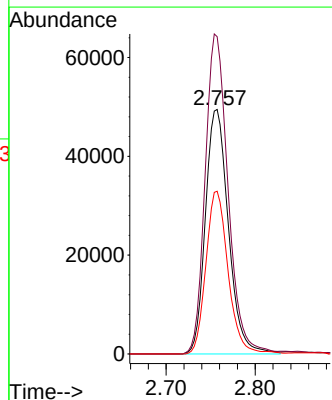
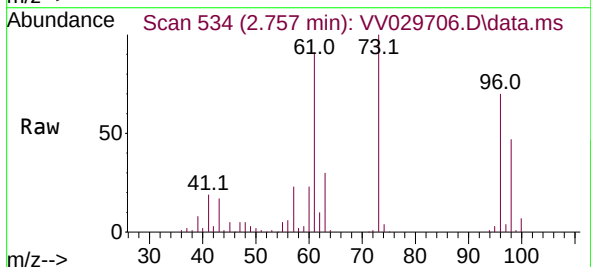
Instrument :
MSVOA_V
ClientSampleId :

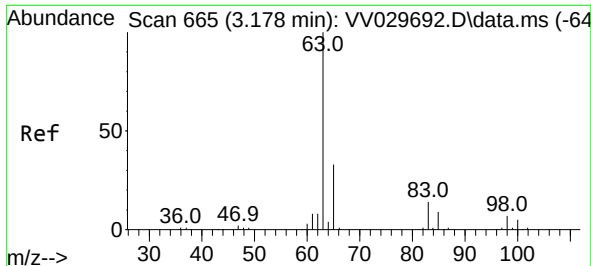
Tgt Ion: 73 Resp: 183220
Ion Ratio Lower Upper
73 100
43 16.5 13.2 19.8
57 22.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 6.136 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 96 Resp: 88958
Ion Ratio Lower Upper
96 100
61 129.8 93.0 172.6
98 66.6 44.0 81.8





#19

1,1-Dichloroethane

Concen: 6.177 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

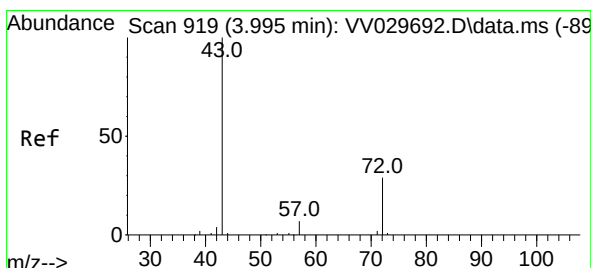
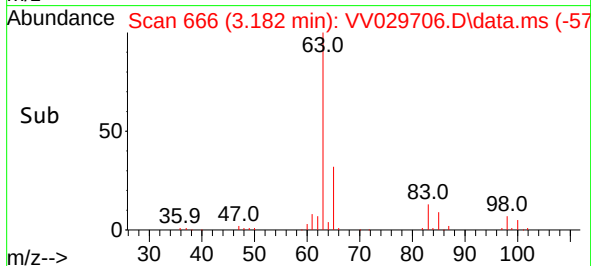
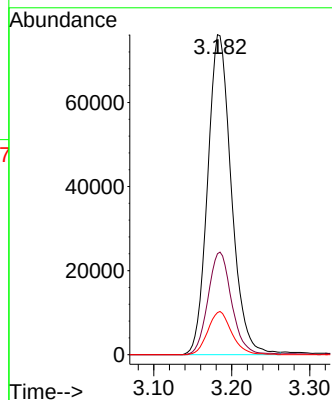
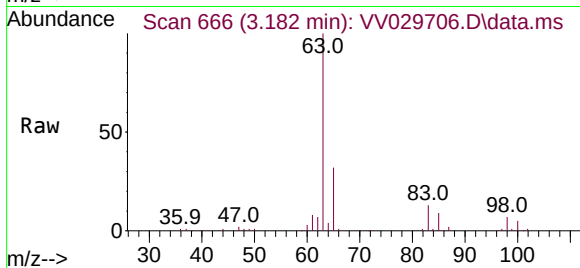
Tgt Ion: 63 Resp: 161175

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.2

83 13.2 10.3 19.1



#21

2-Butanone

Concen: 59.689 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV029706.D

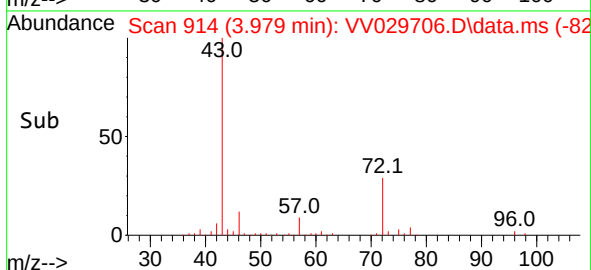
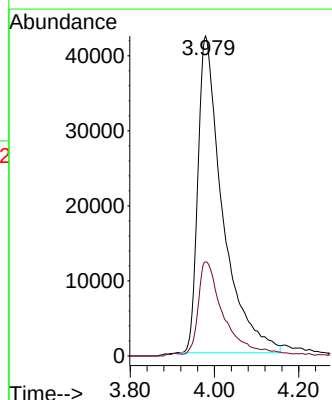
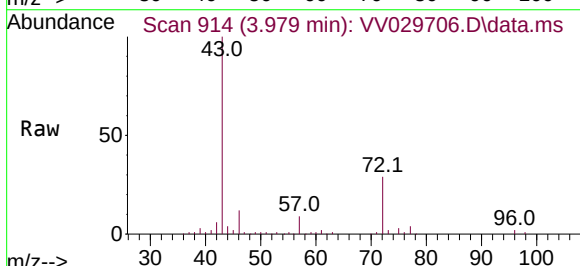
Acq: 16 Dec 2022 18:59

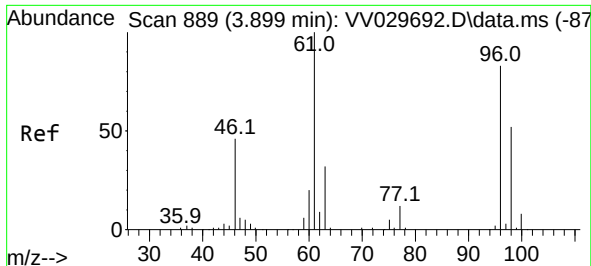
Tgt Ion: 43 Resp: 171834

Ion Ratio Lower Upper

43 100

72 28.5 13.8 41.3





#22

cis-1,2-Dichloroethene

Concen: 5.780 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

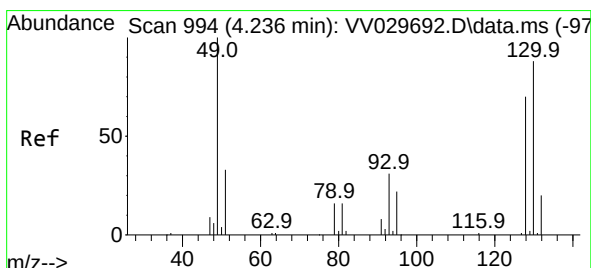
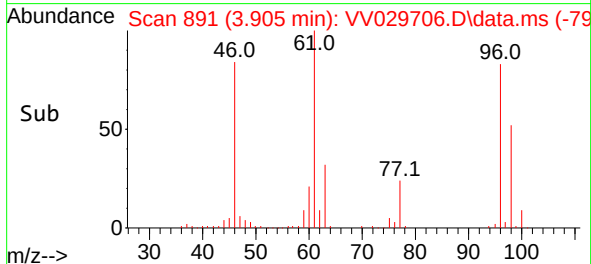
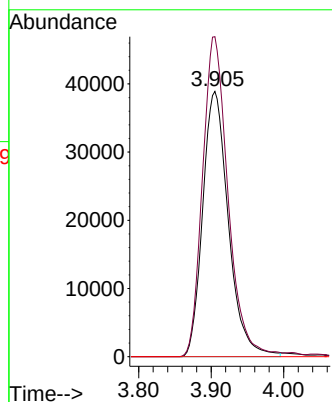
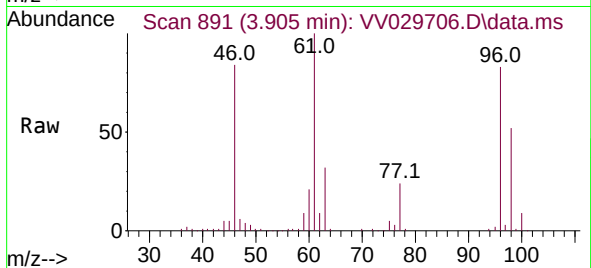
Tgt Ion: 96 Resp: 95850

Ion Ratio Lower Upper

96 100

61 120.6 85.8 159.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 6.224 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.006 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Tgt Ion:128 Resp: 41346

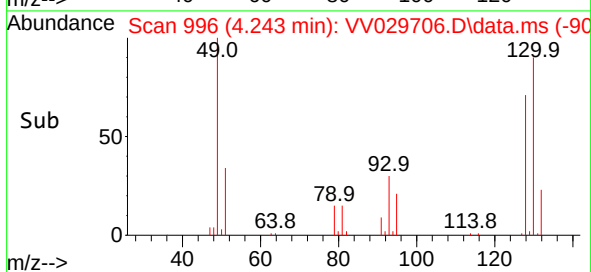
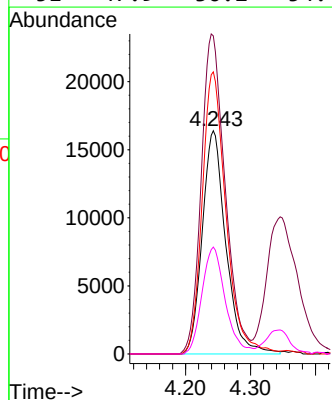
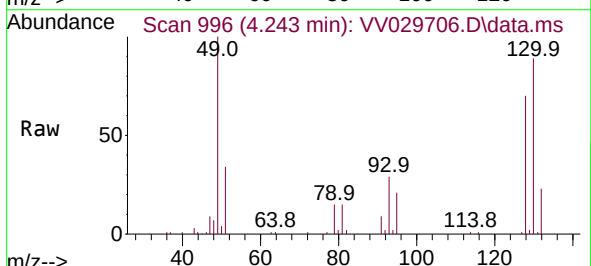
Ion Ratio Lower Upper

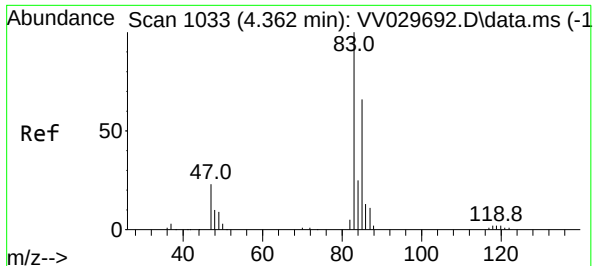
128 100

49 142.4 100.0 185.8

130 126.3 90.2 167.6

51 47.9 36.2 54.4





#25

Chloroform

Concen: 5.951 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

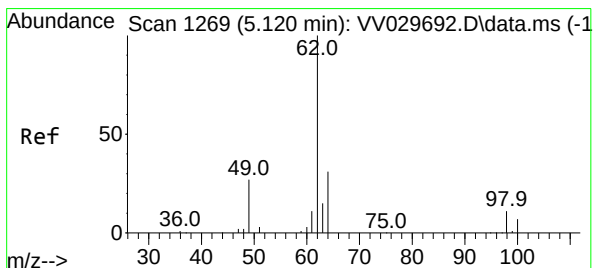
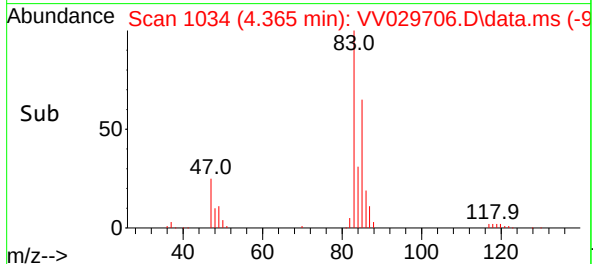
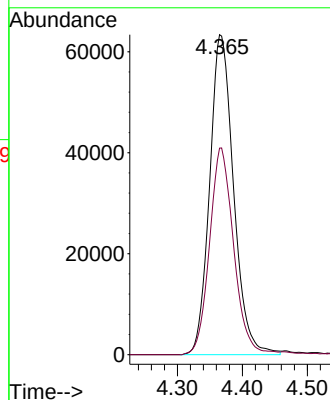
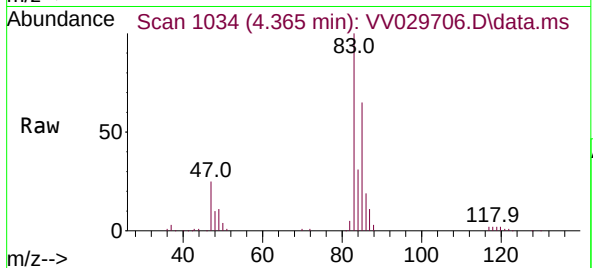
ClientSampleId :

Tgt Ion: 83 Resp: 162145

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.869 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029706.D

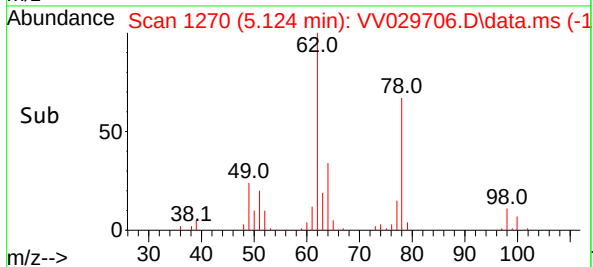
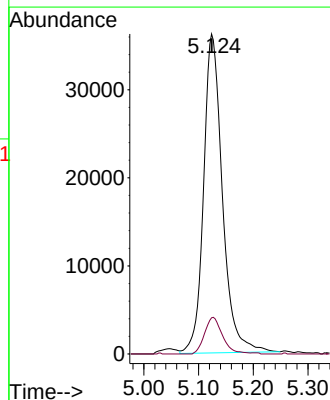
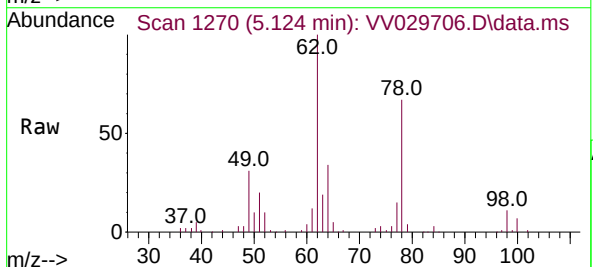
Acq: 16 Dec 2022 18:59

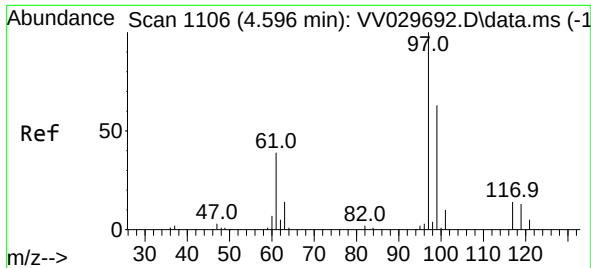
Tgt Ion: 62 Resp: 86639

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.453 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

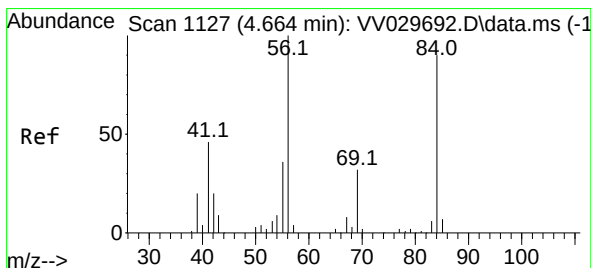
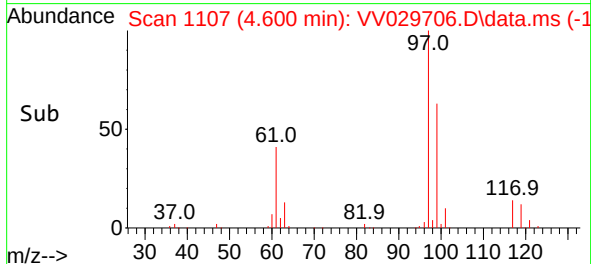
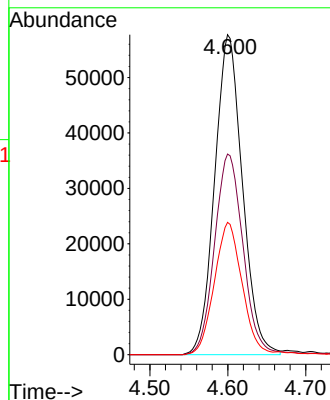
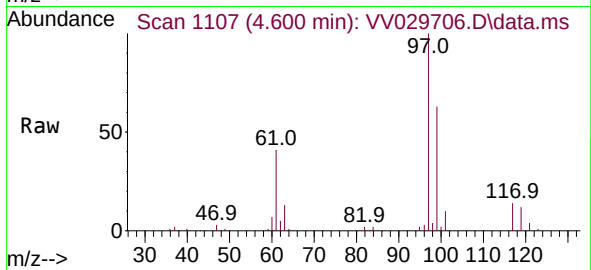
Tgt Ion: 97 Resp: 142809

Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 41.1 33.3 49.9



#30

Cyclohexane

Concen: 5.252 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

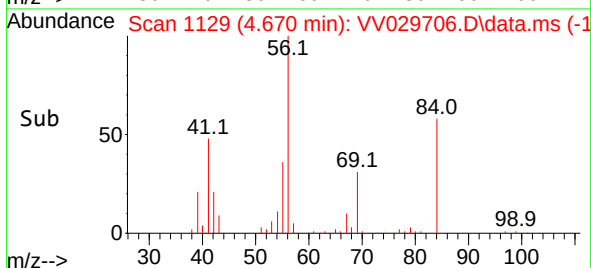
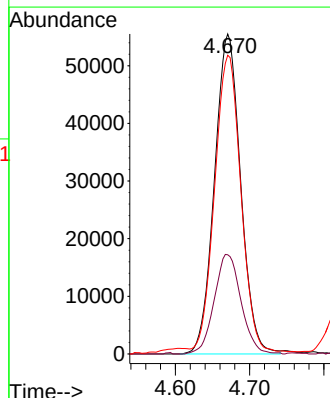
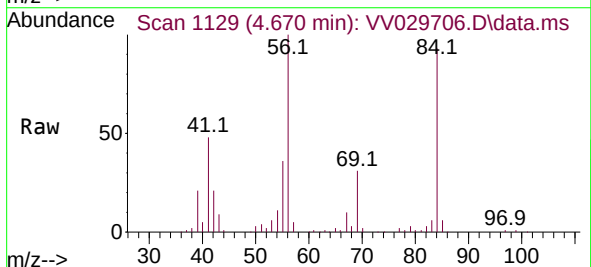
Tgt Ion: 56 Resp: 135949

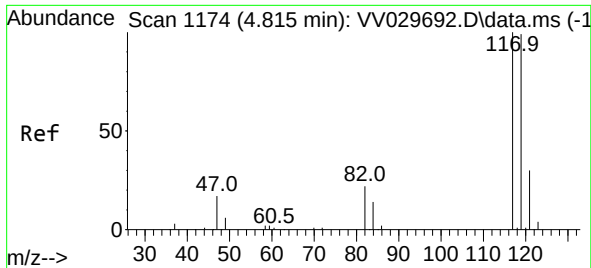
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 92.5 75.6 113.4

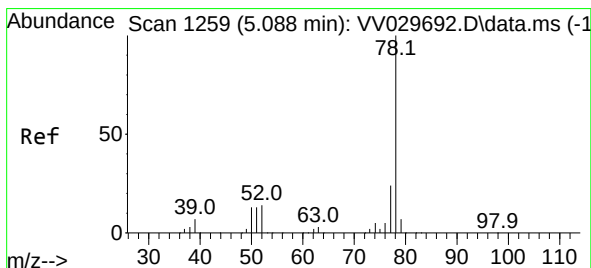
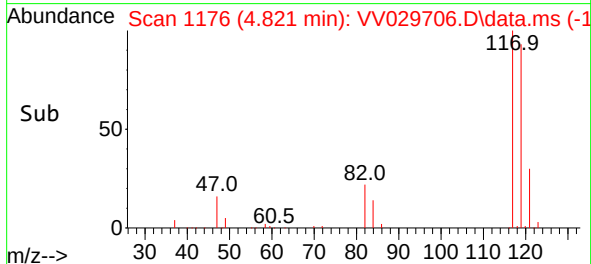
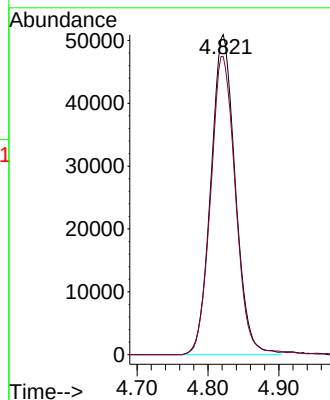
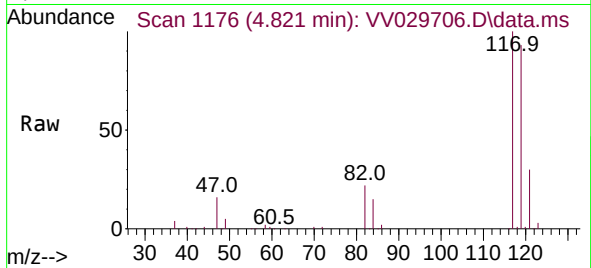




#31
Carbon tetrachloride
Concen: 5.486 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

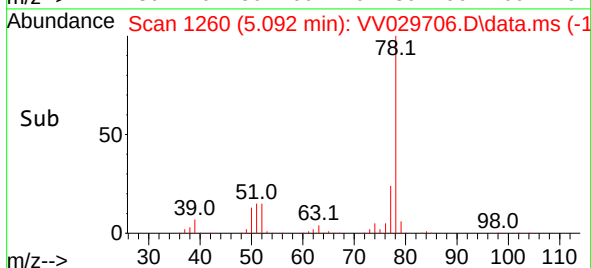
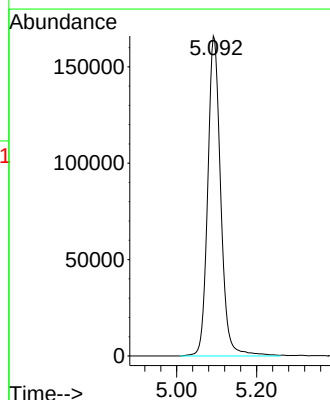
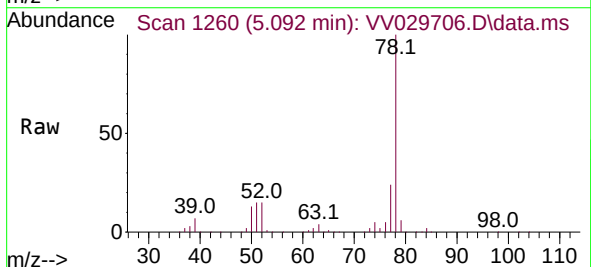
Instrument :
MSVOA_V
ClientSampleId :

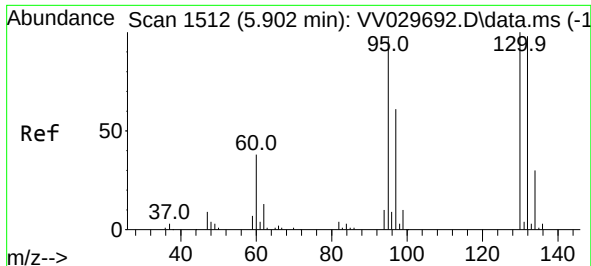
Tgt Ion:117 Resp: 121496
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 5.515 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 78 Resp: 375576

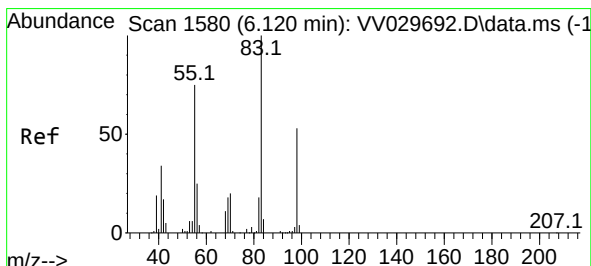
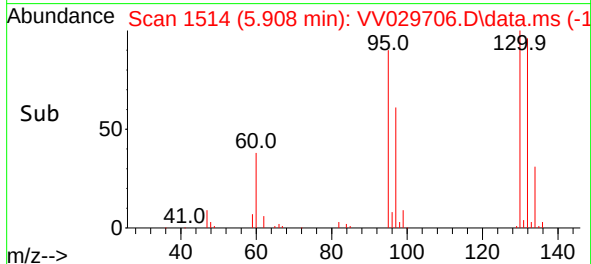
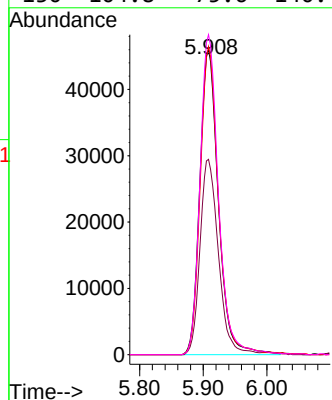
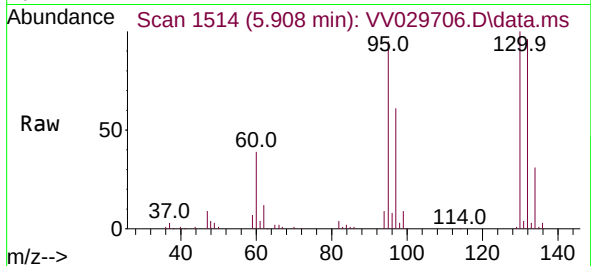




#34
Trichloroethene
Concen: 5.389 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

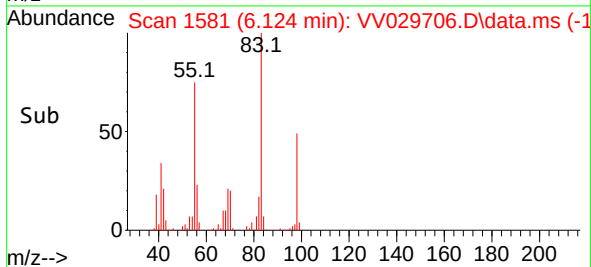
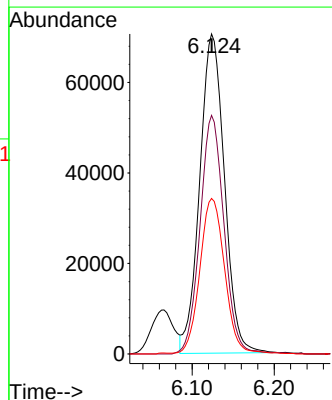
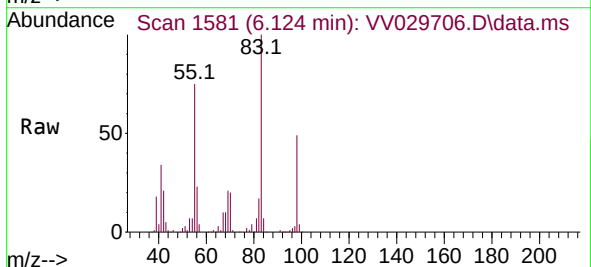
Instrument :
MSVOA_V
ClientSampleId :

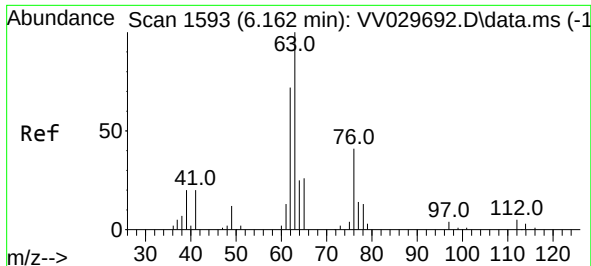
Tgt Ion: 95 Resp: 93620
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.4
132 100.9 73.3 136.1
130 104.8 75.6 140.4



#35
Methylcyclohexane
Concen: 5.038 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 83 Resp: 147728
Ion Ratio Lower Upper
83 100
55 72.7 55.4 83.2
98 48.0 39.4 59.2





#37

1,2-Dichloropropane

Concen: 5.952 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

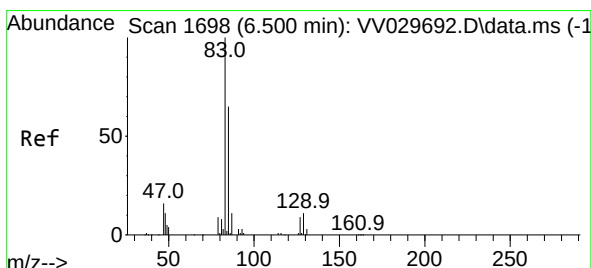
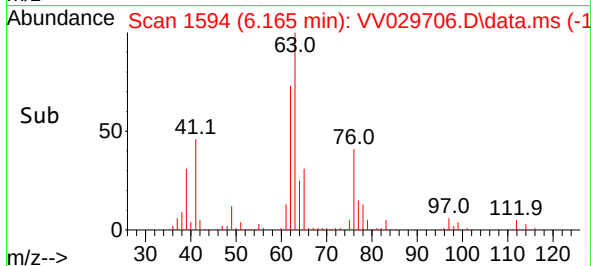
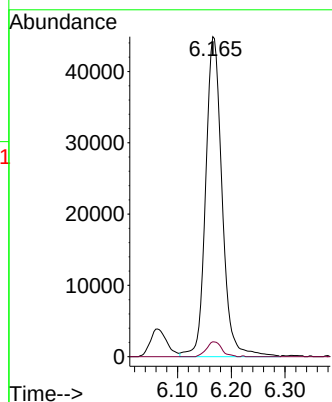
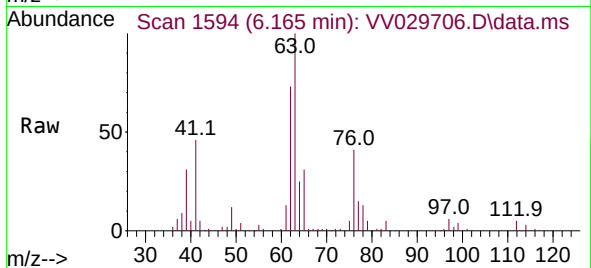
ClientSampleId :

Tgt Ion: 63 Resp: 95483

Ion Ratio Lower Upper

63 100

112 4.3 4.1 6.1



#38

Bromodichloromethane

Concen: 5.829 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

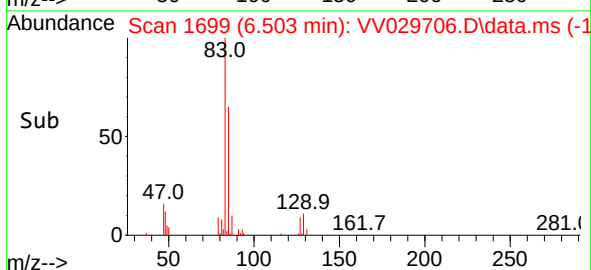
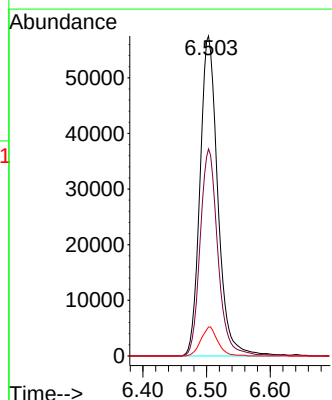
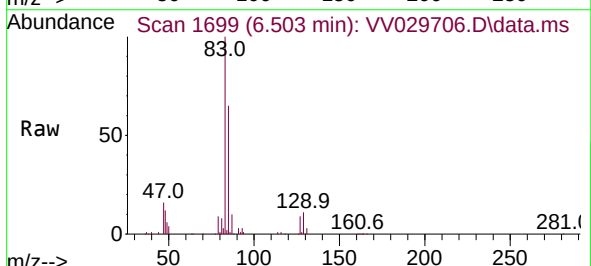
Tgt Ion: 83 Resp: 111927

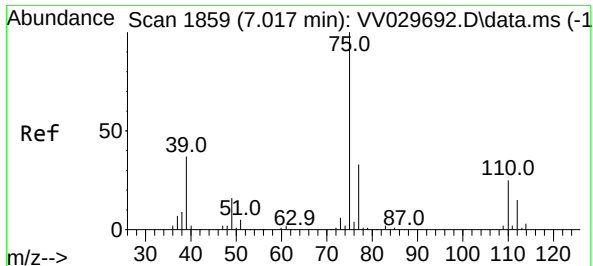
Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1

127 9.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 4.996 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

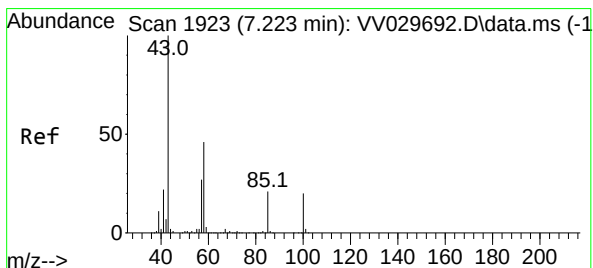
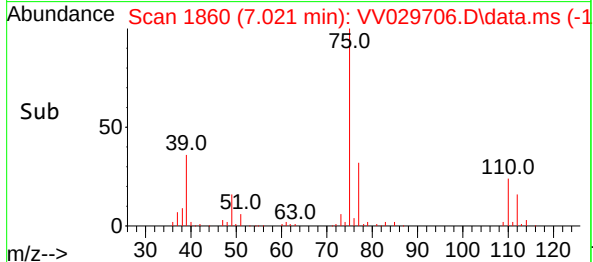
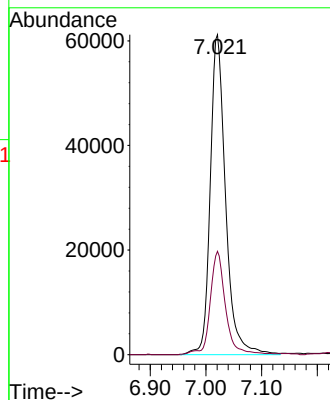
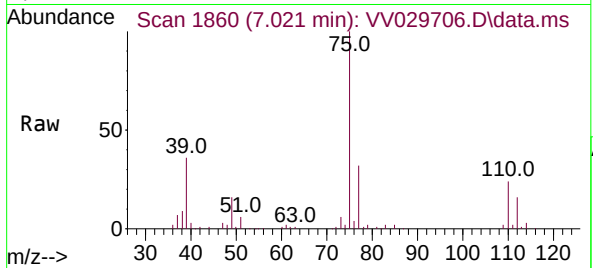
ClientSampleId :

Tgt Ion: 75 Resp: 117138

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 57.695 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

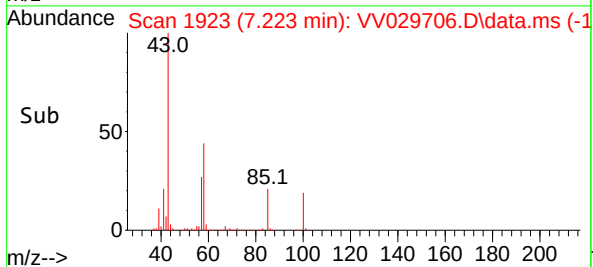
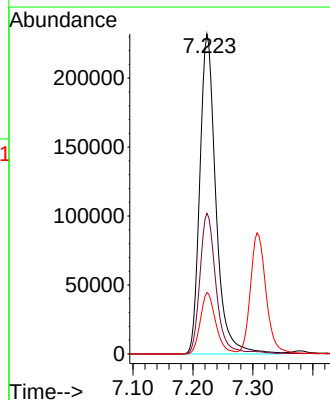
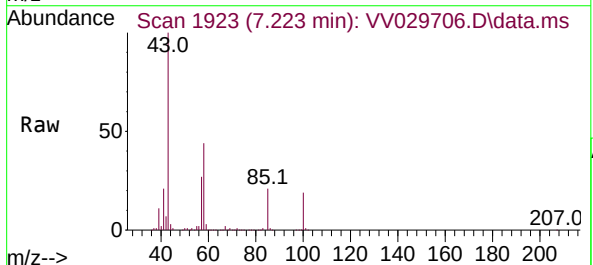
Tgt Ion: 43 Resp: 433069

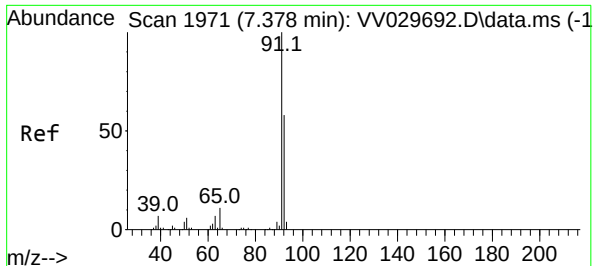
Ion Ratio Lower Upper

43 100

58 43.6 35.3 52.9

100 18.4 15.3 22.9

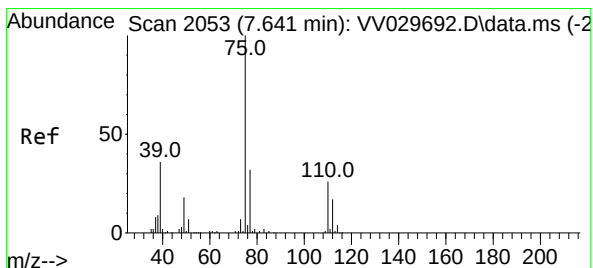
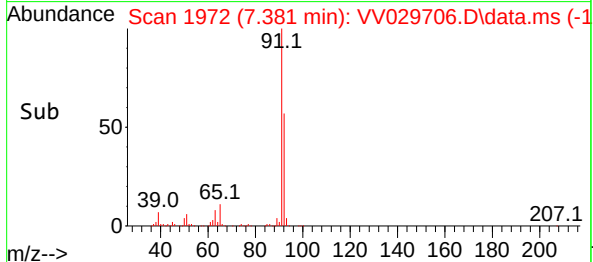
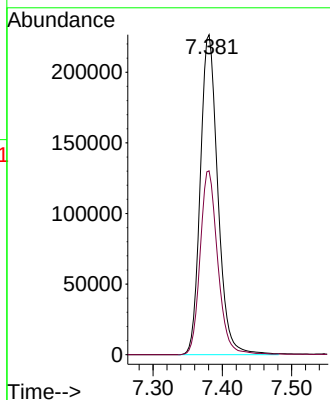
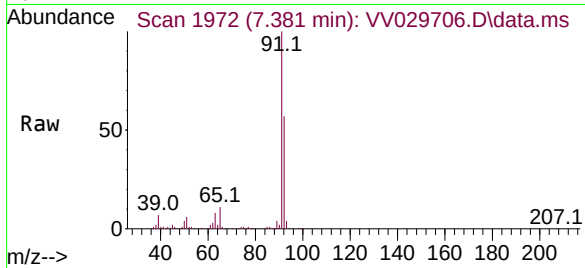




#42
Toluene
Concen: 5.445 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

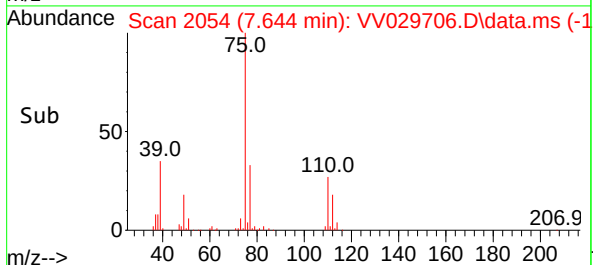
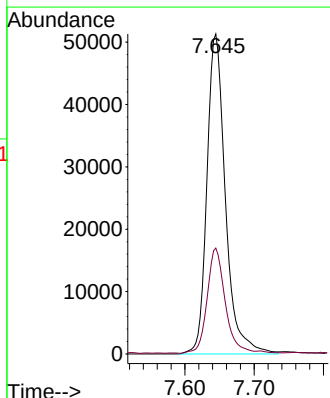
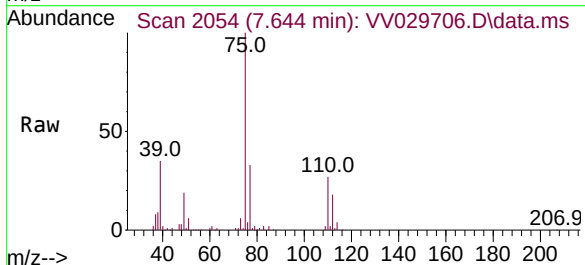
Instrument :
MSVOA_V
ClientSampleId :

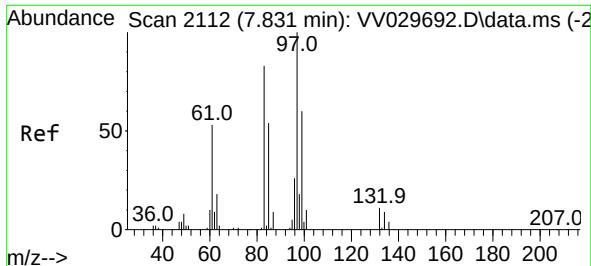
Tgt Ion: 91 Resp: 397901
Ion Ratio Lower Upper
91 100
92 57.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.113 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 75 Resp: 94978
Ion Ratio Lower Upper
75 100
77 33.1 22.4 41.6

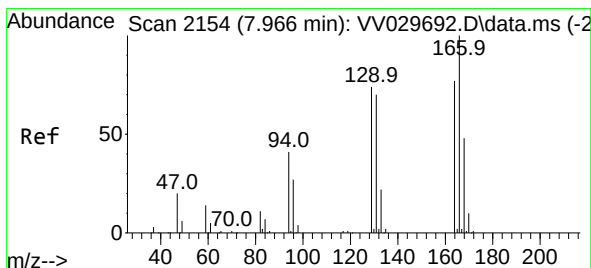
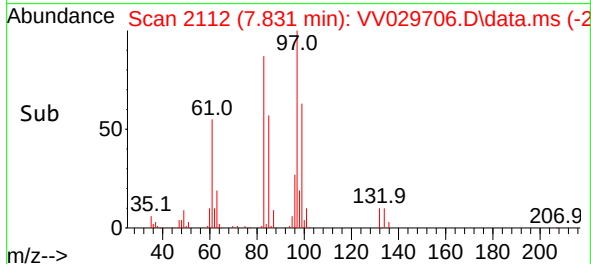
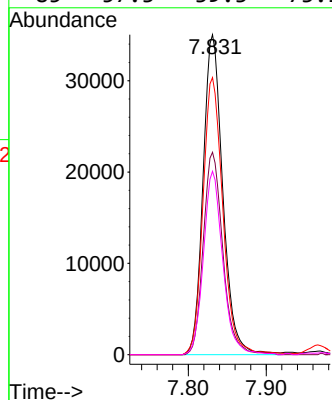
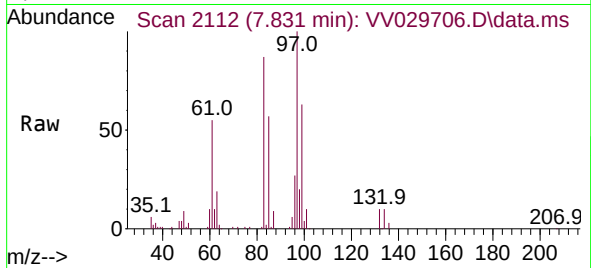




#45
1,1,2-Trichloroethane
Concen: 5.670 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

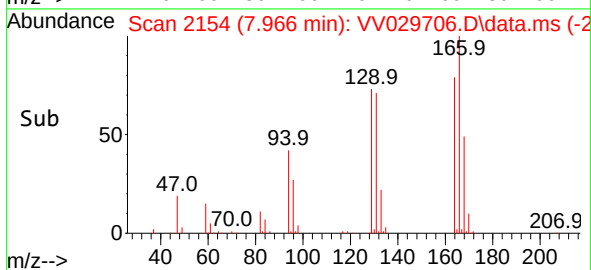
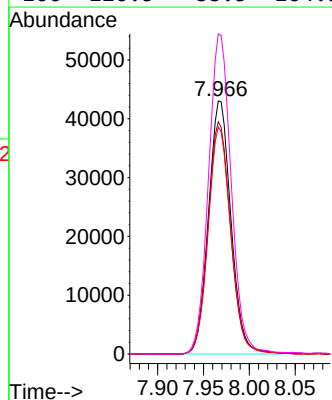
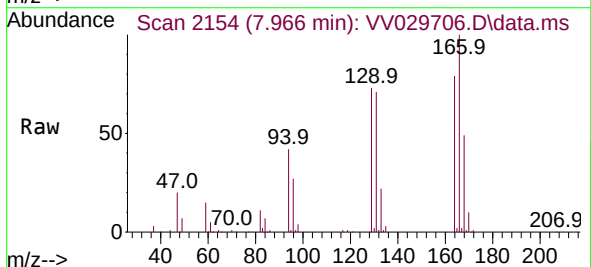
Instrument :
MSVOA_V
ClientSampleId :

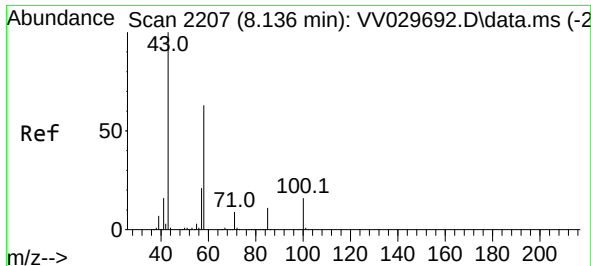
Tgt Ion:	97	Resp:	61574
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.4	82.5
83	86.6	59.5	110.5
85	57.3	39.3	73.1



#47
Tetrachloroethene
Concen: 5.156 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion:	164	Resp:	73426
Ion	Ratio	Lower	Upper
164	100		
129	91.8	61.7	114.7
131	89.7	62.9	116.9
166	126.5	88.5	164.3

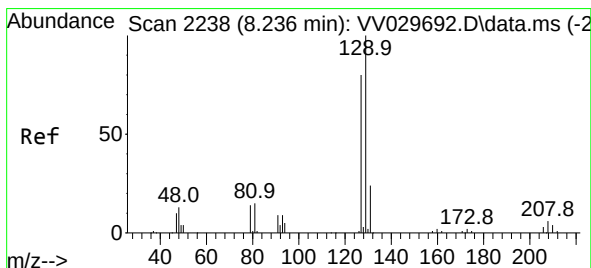
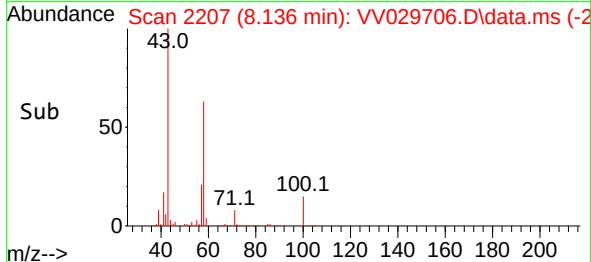
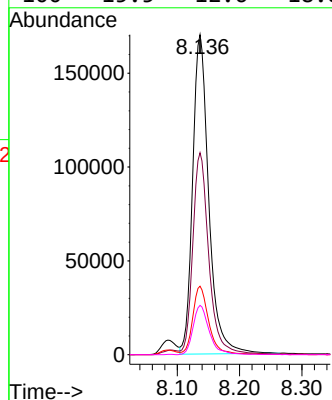
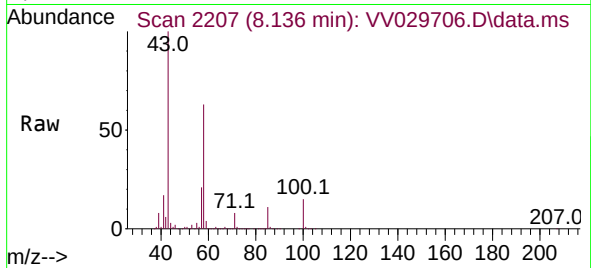




#48
2-Hexanone
Concen: 58.188 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

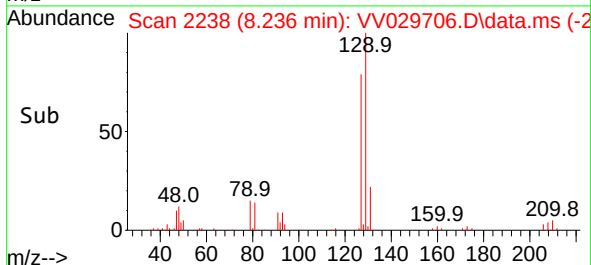
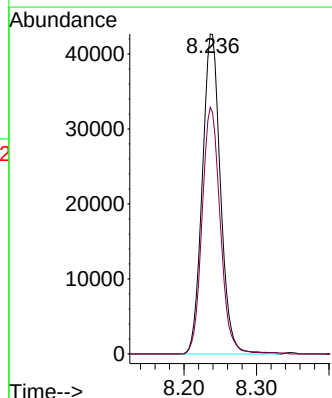
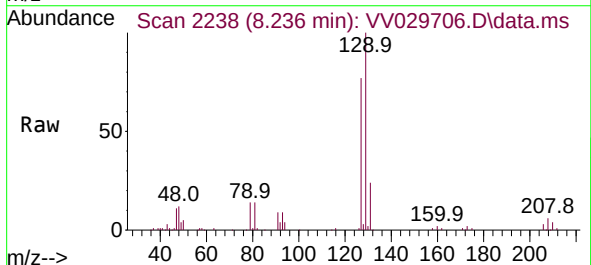
Instrument :
MSVOA_V
ClientSampleId :

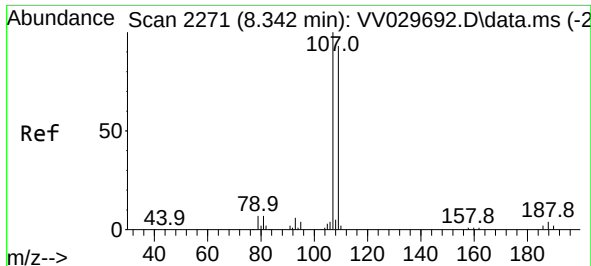
Tgt Ion: 43 Resp: 304485
Ion Ratio Lower Upper
43 100
58 62.9 49.4 74.0
57 20.8 16.9 25.3
100 15.5 12.6 18.8



#49
Dibromochloromethane
Concen: 6.068 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 129 Resp: 74132
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.7

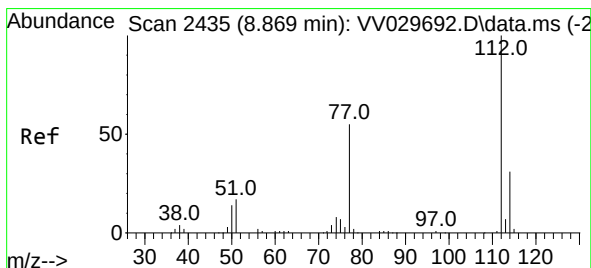
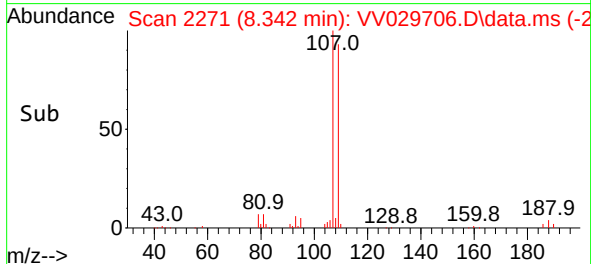
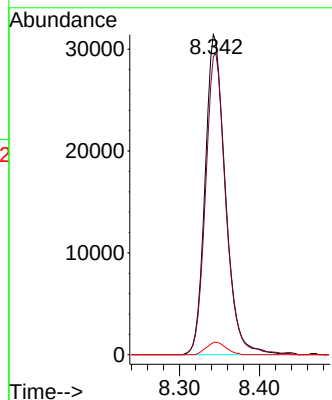
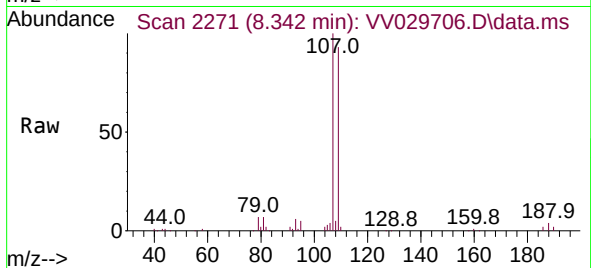




#50
1,2-Dibromoethane
Concen: 5.869 ug/L
RT: 8.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

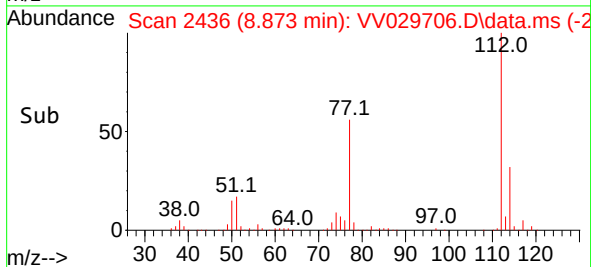
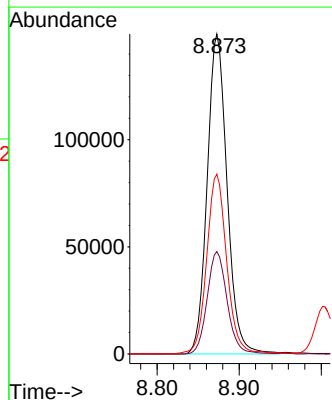
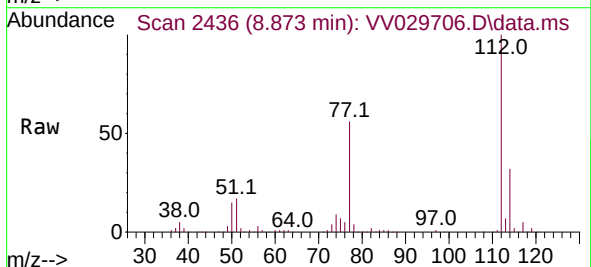
Instrument :
MSVOA_V
ClientSampleId :

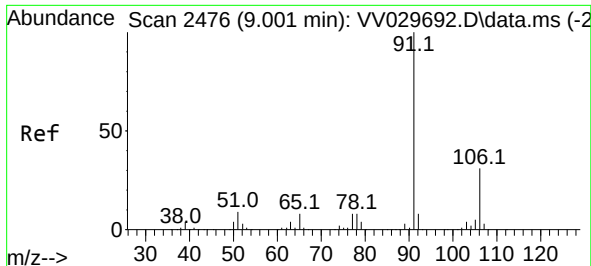
Tgt Ion:107 Resp: 55612
Ion Ratio Lower Upper
107 100
109 93.1 64.0 118.8
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 5.500 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion:112 Resp: 251242
Ion Ratio Lower Upper
112 100
114 32.0 22.9 42.5
77 56.2 45.3 67.9





#52

Ethylbenzene

Concen: 5.392 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

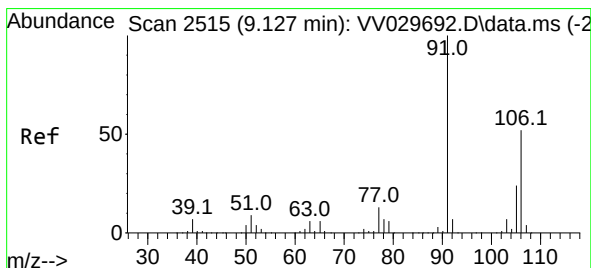
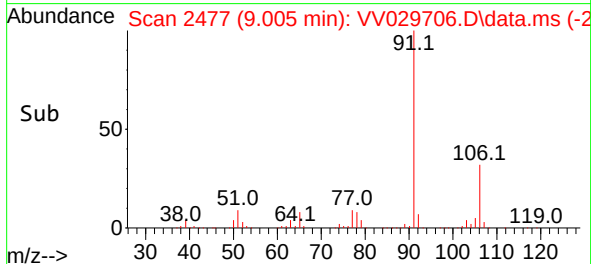
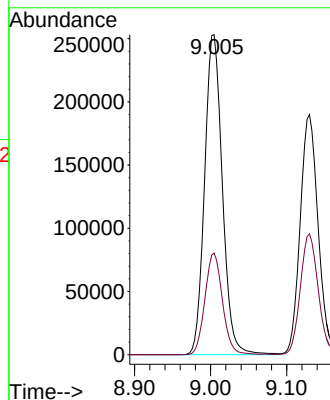
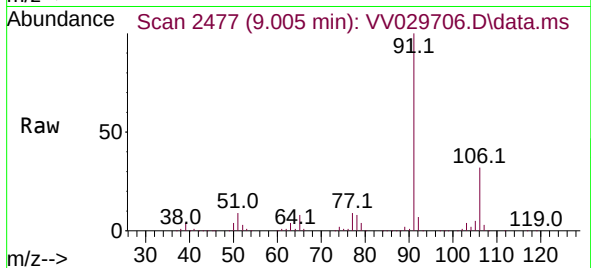
ClientSampleId :

Tgt Ion: 91 Resp: 410869

Ion Ratio Lower Upper

91 100

106 31.8 21.9 40.7



#53

m,p-Xylene

Concen: 5.278 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV029706.D

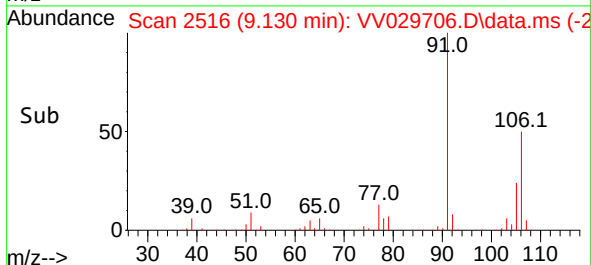
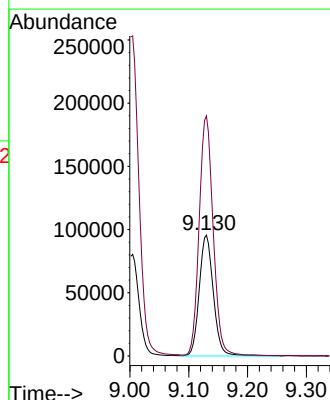
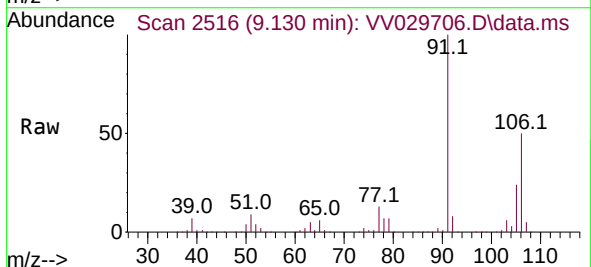
Acq: 16 Dec 2022 18:59

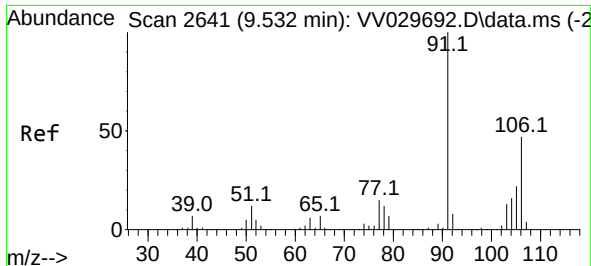
Tgt Ion: 106 Resp: 158643

Ion Ratio Lower Upper

106 100

91 198.8 140.6 261.2

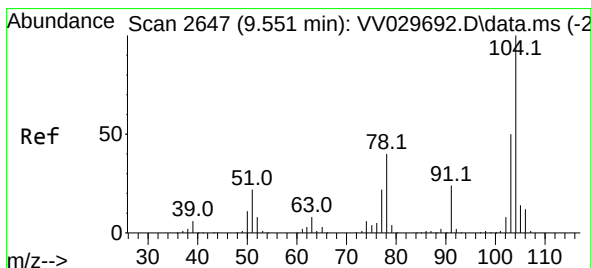
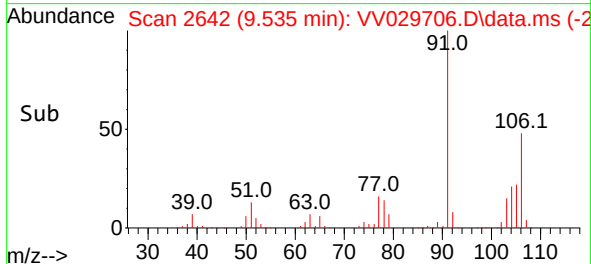
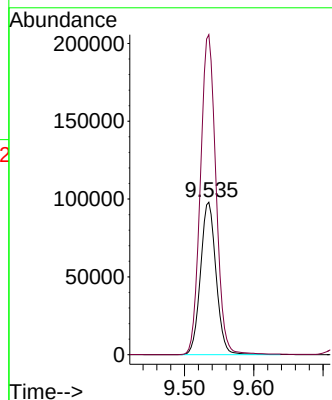
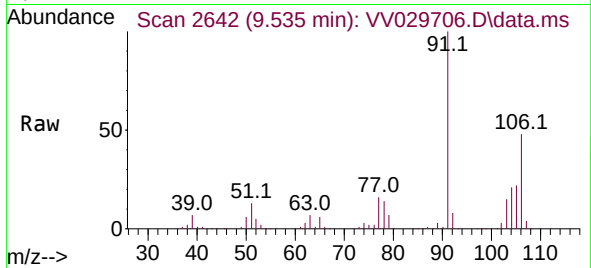




#54
o-Xylene
Concen: 5.175 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

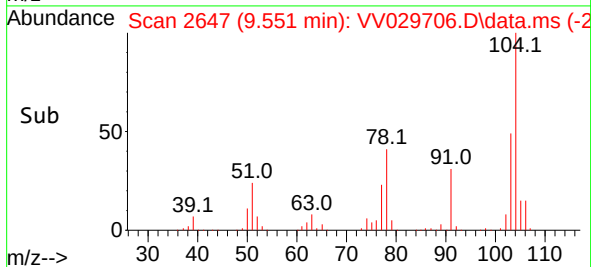
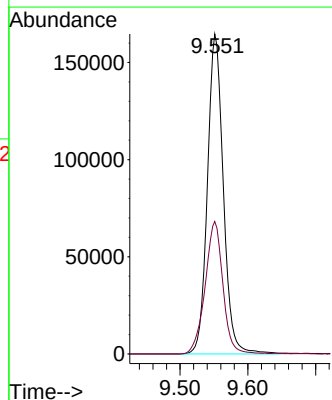
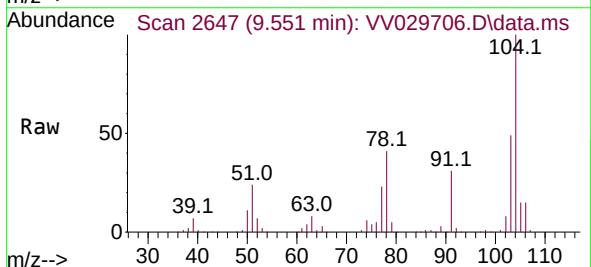
Instrument :
MSVOA_V
ClientSampleId :

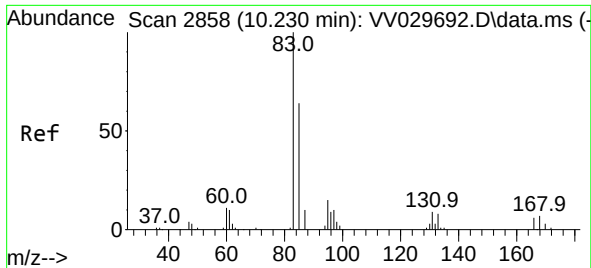
Tgt Ion:106 Resp: 152793
Ion Ratio Lower Upper
106 100
91 209.8 146.9 272.9



#55
Styrene
Concen: 5.392 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion:104 Resp: 268686
Ion Ratio Lower Upper
104 100
78 41.4 29.9 55.5

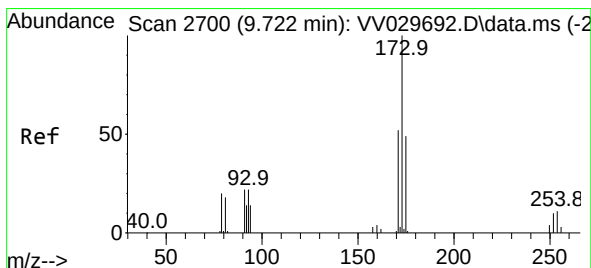
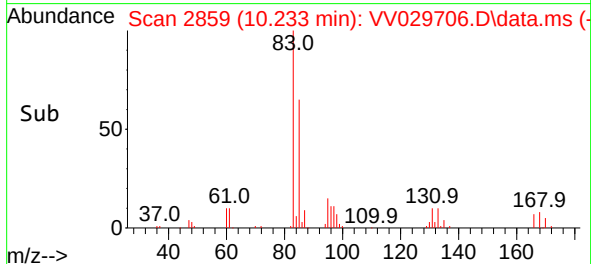
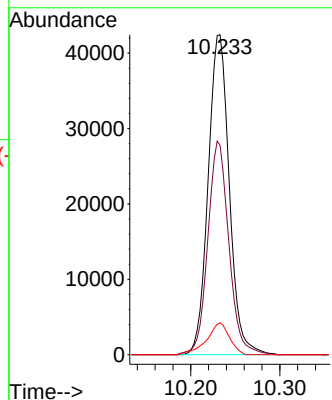
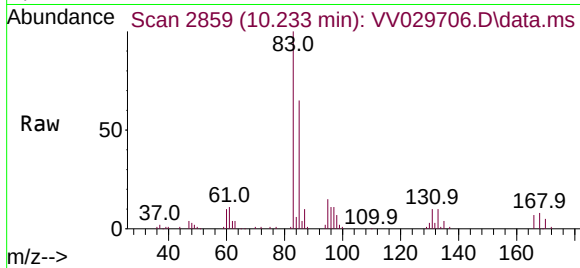




#57
1,1,2,2-Tetrachloroethane
Concen: 6.226 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

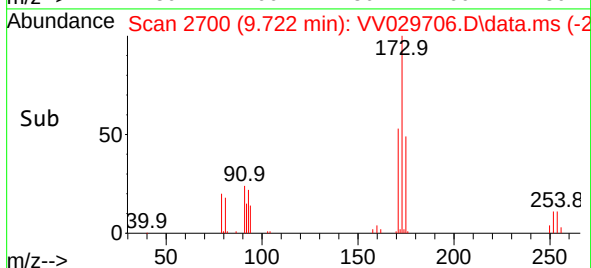
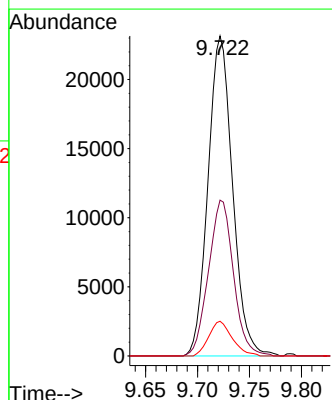
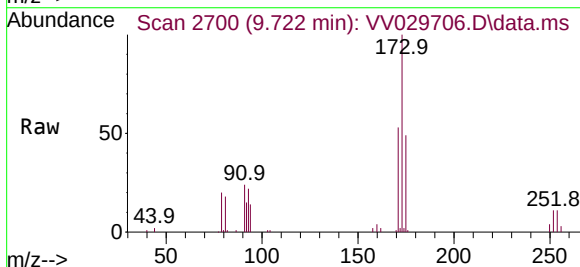
Instrument :
MSVOA_V
ClientSampleId :

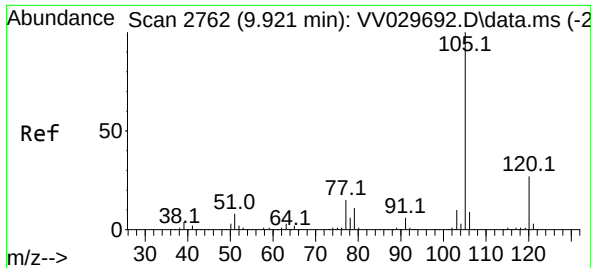
Tgt Ion: 83 Resp: 69966
Ion Ratio Lower Upper
83 100
85 65.5 45.5 84.5
131 9.9 8.2 12.2



#59
Bromoform
Concen: 5.958 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 173 Resp: 38039
Ion Ratio Lower Upper
173 100
175 49.5 38.6 58.0
254 10.3 8.3 12.5

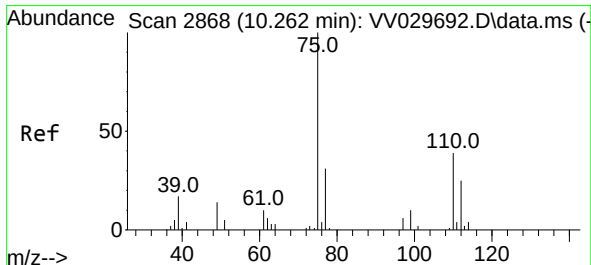
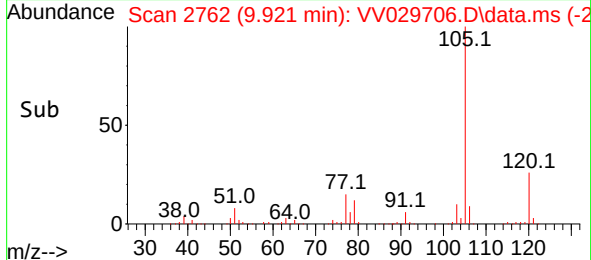
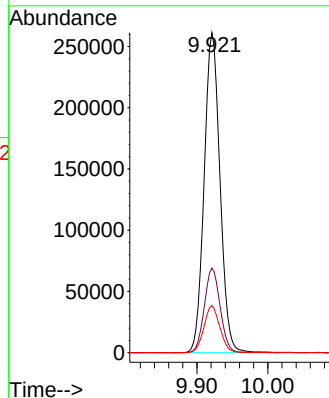
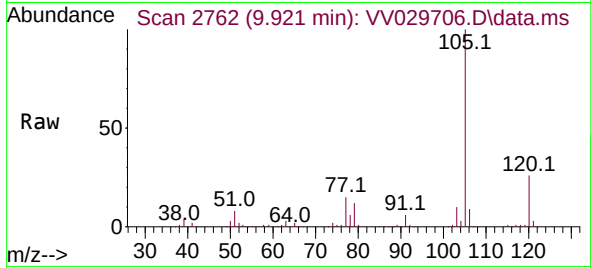




#60
Isopropylbenzene
Concen: 5.159 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

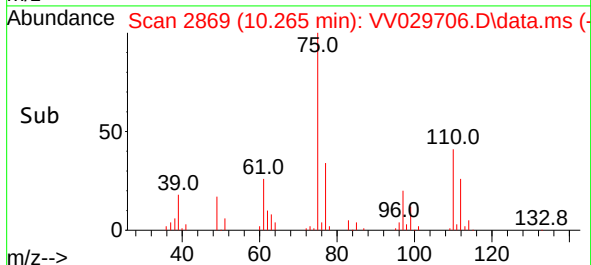
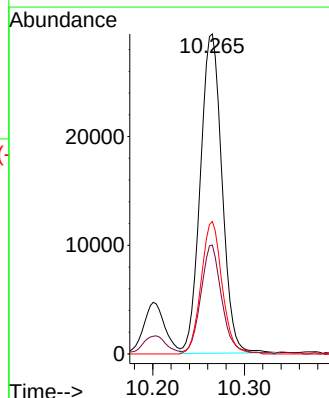
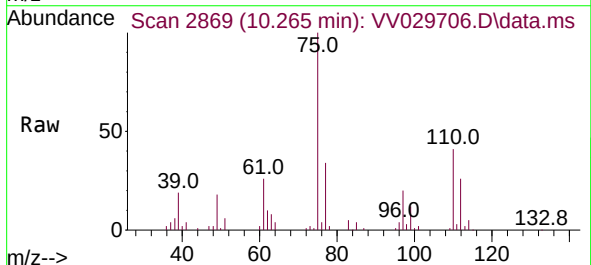
Instrument :
MSVOA_V
ClientSampleId :

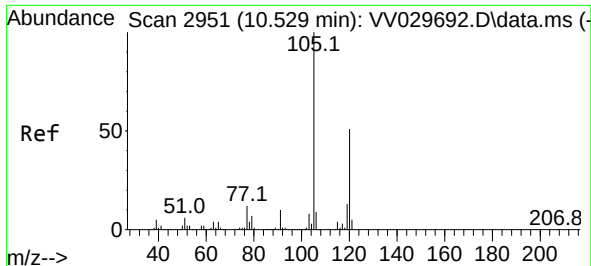
Tgt Ion:105 Resp: 405352
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.714 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 75 Resp: 48164
Ion Ratio Lower Upper
75 100
77 33.2 26.7 40.1
110 40.4 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 4.918 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

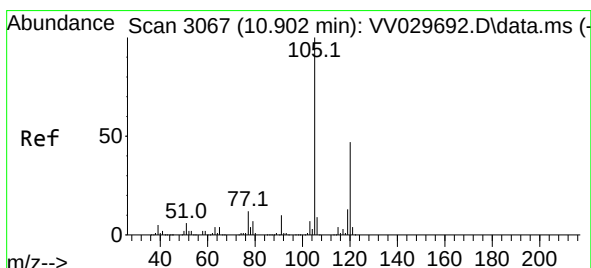
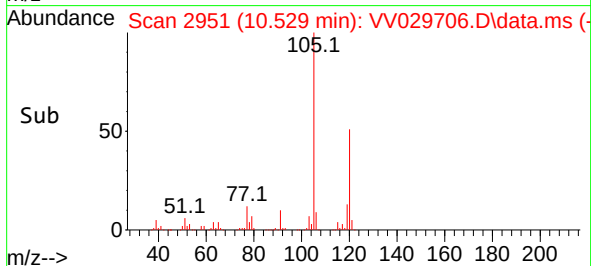
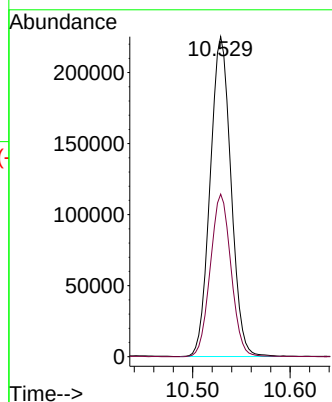
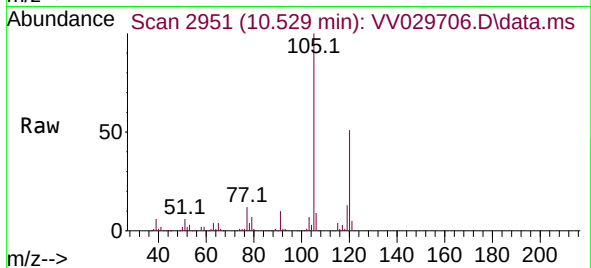
ClientSampleId :

Tgt Ion:105 Resp: 334565

Ion Ratio Lower Upper

105 100

120 50.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.007 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029706.D

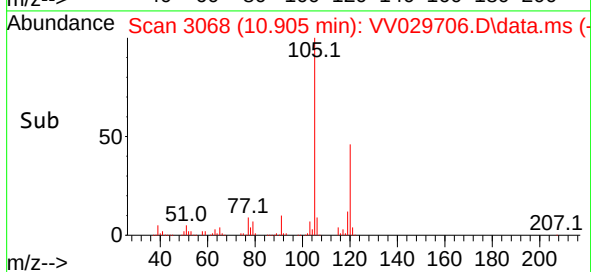
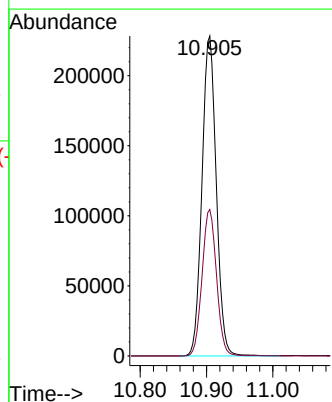
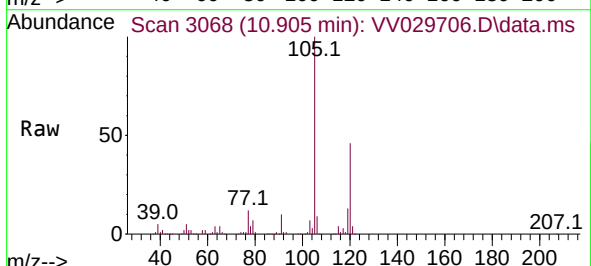
Acq: 16 Dec 2022 18:59

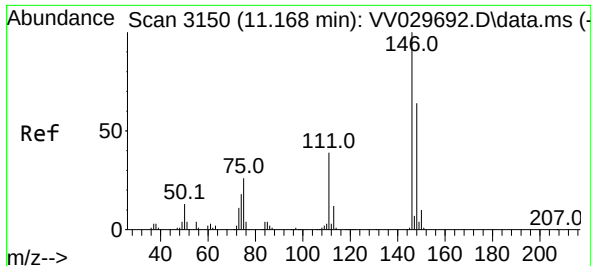
Tgt Ion:105 Resp: 342644

Ion Ratio Lower Upper

105 100

120 46.2 37.2 55.8

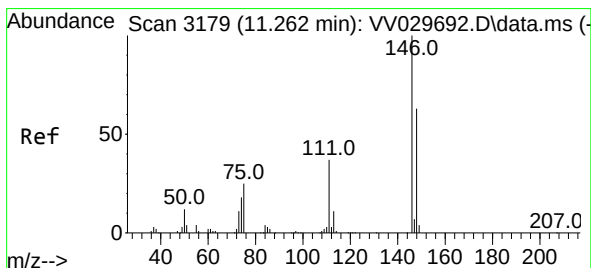
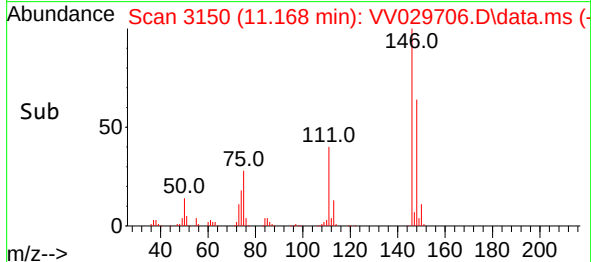
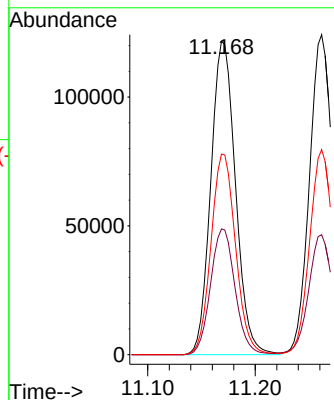
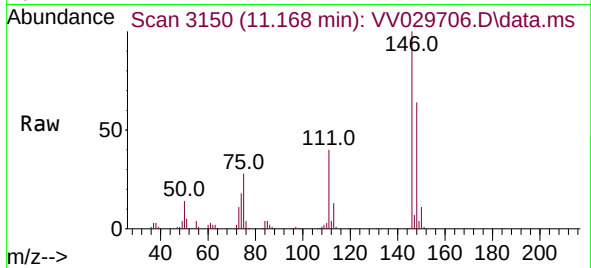




#64
1,3-Dichlorobenzene
Concen: 5.296 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

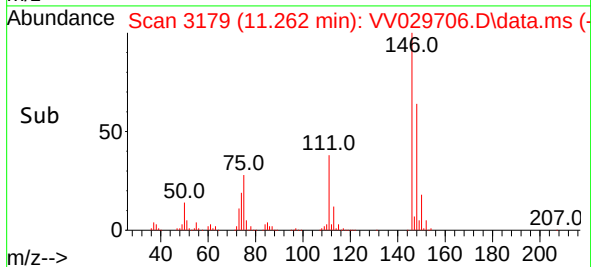
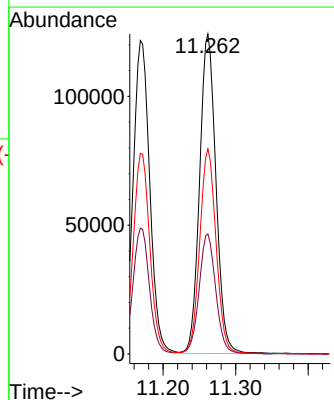
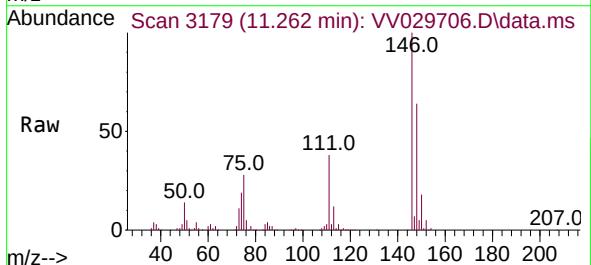
Instrument :
MSVOA_V
ClientSampleId :

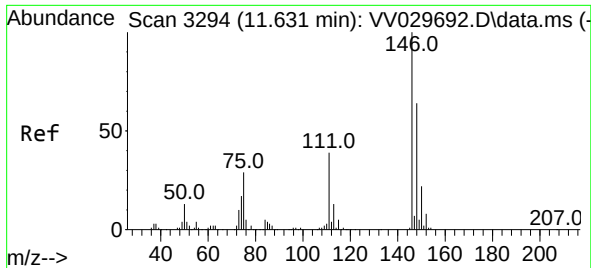
Tgt Ion:146 Resp: 194138
Ion Ratio Lower Upper
146 100
111 40.1 26.3 48.9
148 64.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.362 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion:146 Resp: 194463
Ion Ratio Lower Upper
146 100
111 37.5 26.0 48.4
148 64.1 44.7 82.9

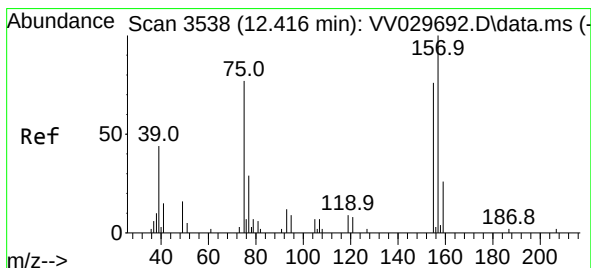
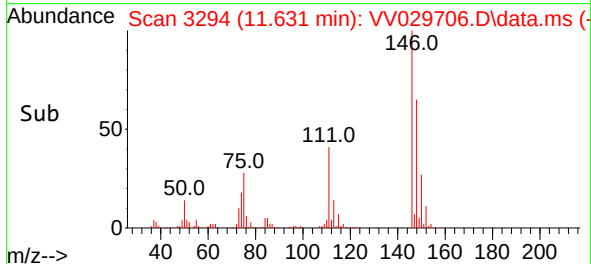
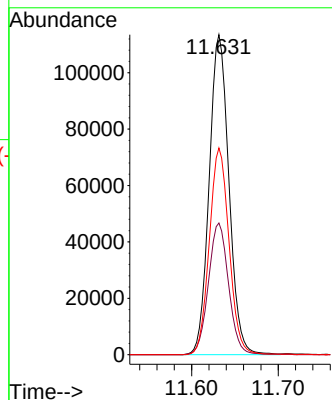
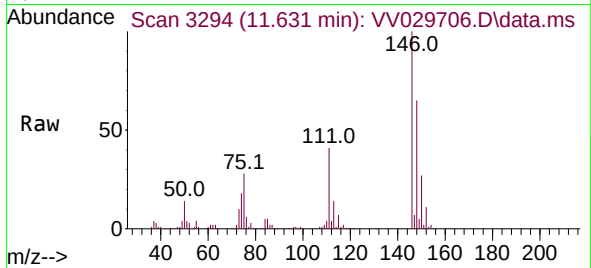




#67
1,2-Dichlorobenzene
Concen: 5.318 ug/L
RT: 11.631 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

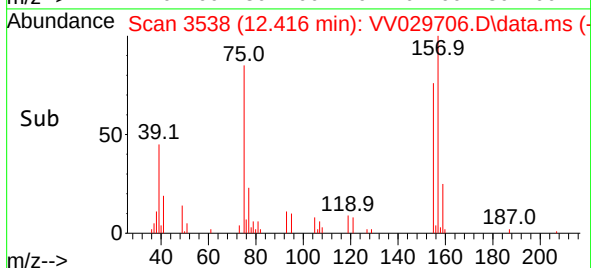
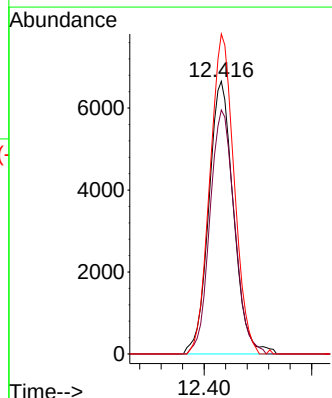
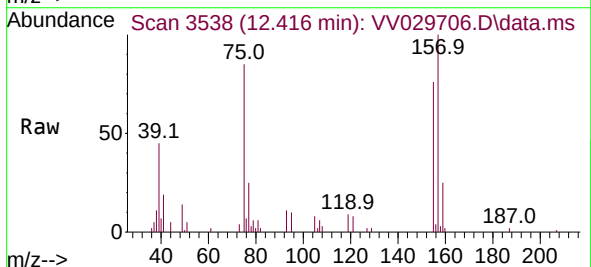
Instrument :
MSVOA_V
ClientSampleId :

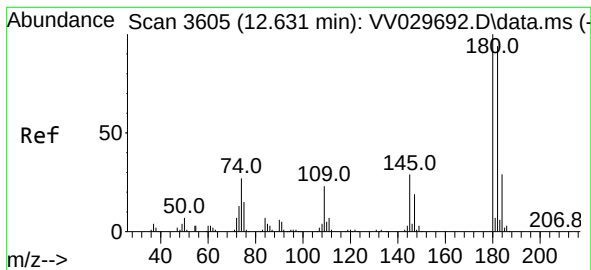
Tgt Ion:146 Resp: 179622
Ion Ratio Lower Upper
146 100
111 41.2 33.5 50.3
148 64.6 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 6.426 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion: 75 Resp: 10638
Ion Ratio Lower Upper
75 100
155 89.5 76.6 115.0
157 117.4 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.909 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. 0.000 min

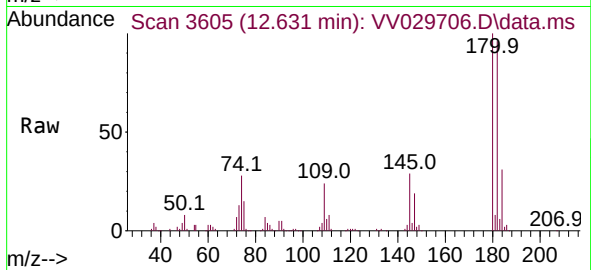
Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 148257

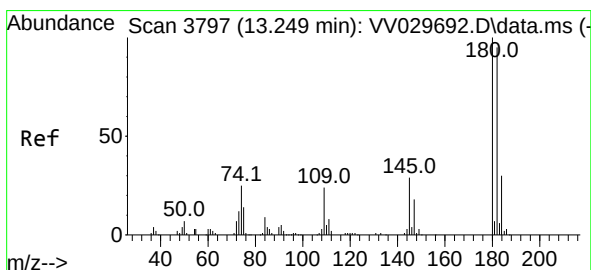
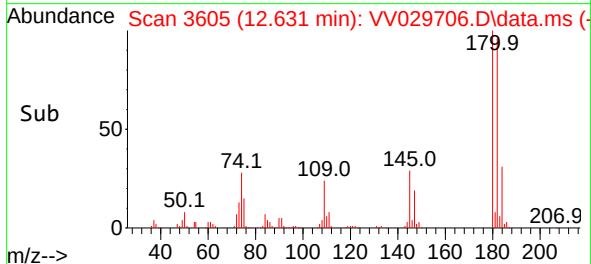
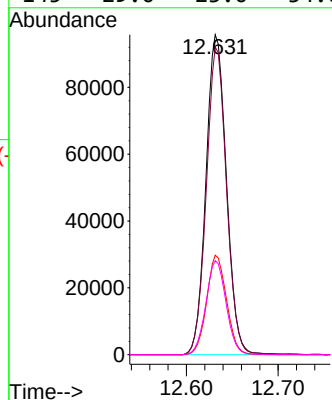
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.6

184 30.2 24.4 36.6

145 29.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 4.834 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029706.D

Acq: 16 Dec 2022 18:59

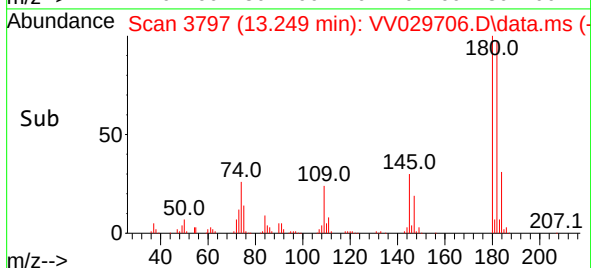
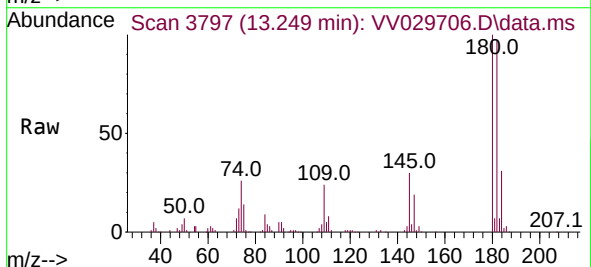
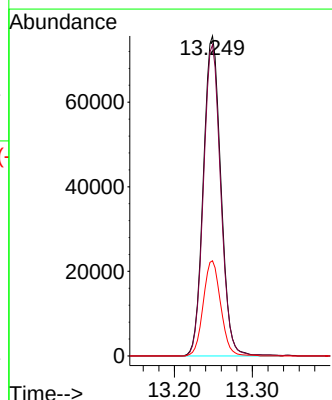
Tgt Ion:180 Resp: 118315

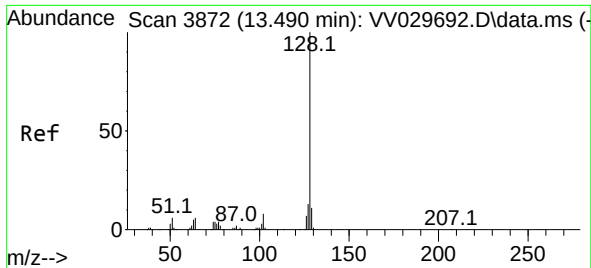
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 29.6 23.4 35.0

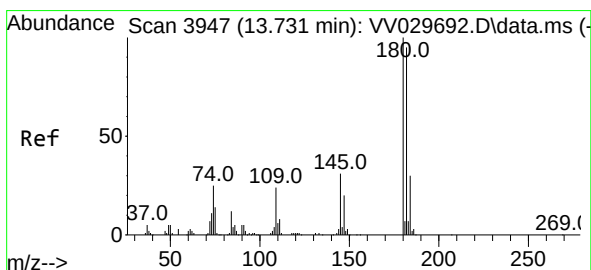
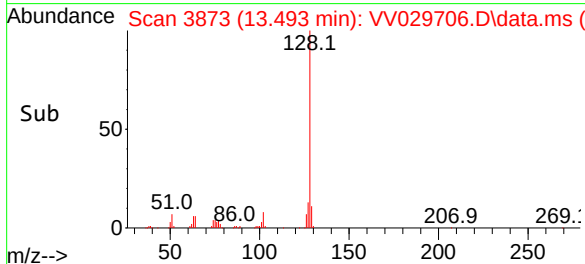
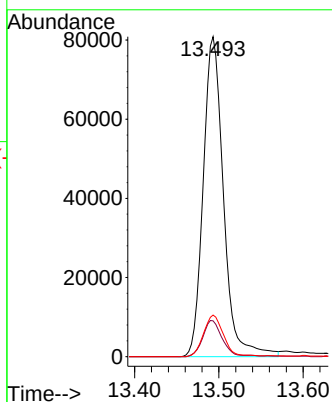
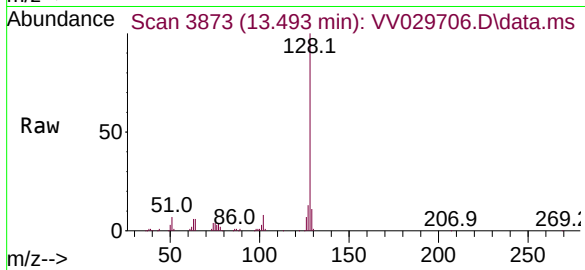




#71
Naphthalene
Concen: 6.409 ug/L
RT: 13.493 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 135792
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.263 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029706.D
Acq: 16 Dec 2022 18:59

Tgt Ion:180 Resp: 104861
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.4
145 31.7 25.2 37.8

