

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034405.D
 Acq On : 26 Feb 2024 12:23
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 04:31:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:30:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	3487	0.314	ug/L	0.00
7) Chloroethane-d5	1.535	69	3196	0.329	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	1716	0.320	ug/L	0.00
20) 2-Butanone-d5	3.886	46	2629	1.292	ug/L	0.06
24) Chloroform-d	4.262	84	6899	0.338	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3304	0.340	ug/L	0.02
32) Benzene-d6	4.973	84	12557	0.319	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	3495	0.315	ug/L	0.00
41) Toluene-d8	7.252	98	10486	0.292	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	950	0.227	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	5959	3.601	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.165	84	3153	0.446	ug/L	0.01
66) 1,2-Dichlorobenzene-d4	11.564	152	4298	0.346	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	5125	0.391	ug/L	98
3) Chloromethane	1.217	50	6452	0.443	ug/L	97
5) Vinyl chloride	1.285	62	5910	0.425	ug/L #	69
6) Bromomethane	1.490	94	3410	0.453	ug/L	94
8) Chloroethane	1.552	64	4764	0.495	ug/L	95
9) Trichlorofluoromethane	1.716	101	9525	0.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5065	0.472	ug/L	99
12) 1,1-Dichloroethene	2.069	96	4756	0.457	ug/L	89
13) Acetone	2.150	43	12485	7.665	ug/L	97
14) Carbon disulfide	2.243	76	12910	0.396	ug/L	99
15) Methyl Acetate	2.397	43	1320	0.354	ug/L #	68
16) Methylene chloride	2.449	84	6328	0.616	ug/L	91
17) Methyl tert-butyl Ether	2.706	73	12059	0.536	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	4889	0.460	ug/L	89
19) 1,1-Dichloroethane	3.117	63	9334	0.476	ug/L	98
21) 2-Butanone	3.937	43	2210	1.037	ug/L	91
22) cis-1,2-Dichloroethene	3.834	96	5565	0.462	ug/L	82
23) Bromochloromethane	4.153	128	712	0.164	ug/L	82
25) Chloroform	4.281	83	9808	0.491	ug/L	94
27) 1,2-Dichloroethane	5.059	62	5402	0.465	ug/L #	76
29) 1,1,1-Trichloroethane	4.510	97	8996	0.488	ug/L	96
30) Cyclohexane	4.584	56	7598	0.434	ug/L	99
31) Carbon tetrachloride	4.738	117	7782	0.484	ug/L	96
33) Benzene	5.018	78	20337	0.494	ug/L	100
34) Trichloroethene	5.844	95	4715	0.398	ug/L	93
35) Methylcyclohexane	6.047	83	8361	0.455	ug/L	98
37) 1,2-Dichloropropane	6.098	63	4700	0.472	ug/L #	92
38) Bromodichloromethane	6.439	83	6427	0.487	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	5310	0.353	ug/L	87
40) 4-Methyl-2-pentanone	7.169	43	26016	5.084	ug/L	98
42) Toluene	7.323	91	20524	0.466	ug/L	99
44) trans-1,3-Dichloropropene	7.599	75	4468	0.386	ug/L	90

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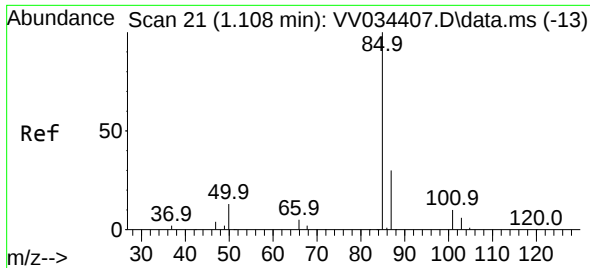
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	2999	0.469	ug/L	92
47) Tetrachloroethene	7.908	164	3787	0.394	ug/L	88
48) 2-Hexanone	8.091	43	18343	5.082	ug/L	96
49) Dibromochloromethane	8.178	129	3506	0.470	ug/L	91
50) 1,2-Dibromoethane	8.288	107	2840	0.496	ug/L #	99
51) Chlorobenzene	8.818	112	13475	0.482	ug/L	92
52) Ethylbenzene	8.950	91	22026	0.437	ug/L	99
53) m,p-Xylene	9.079	106	8346	0.439	ug/L	99
54) o-Xylene	9.480	106	8401	0.455	ug/L	94
55) Styrene	9.503	104	12527	0.424	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	3957	0.581	ug/L #	89
59) Bromoform	9.670	173	1599	0.415	ug/L #	96
60) Isopropylbenzene	9.870	105	21278	0.421	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	2762	0.549	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	18578	0.432	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18819	0.448	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	10309	0.458	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	10400	0.466	ug/L	94
67) 1,2-Dichlorobenzene	11.583	146	10104	0.517	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	625	0.573	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.583	180	8153	0.472	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	6569	0.472	ug/L	98
71) Naphthalene	13.445	128	10624	0.545	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5916	0.524	ug/L	97

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

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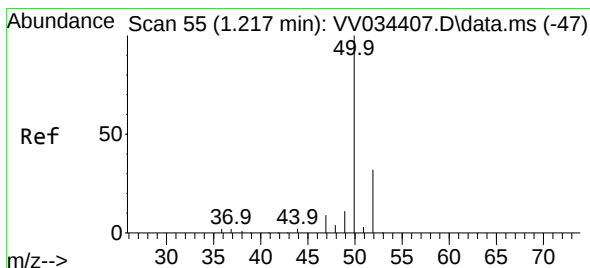
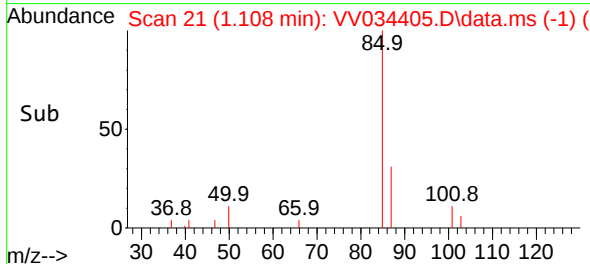
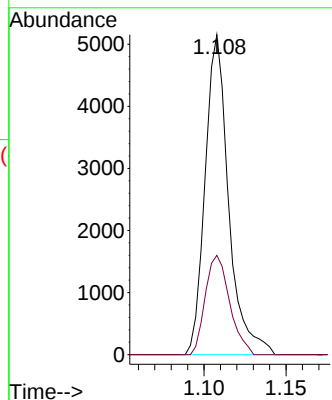
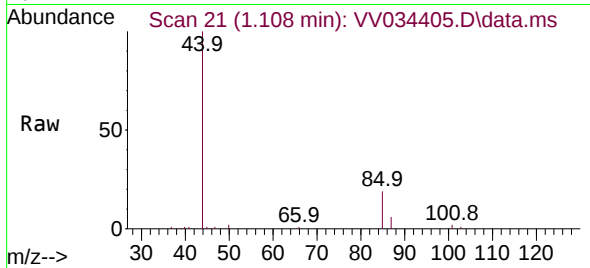




#2
Dichlorodifluoromethane
Concen: 0.391 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

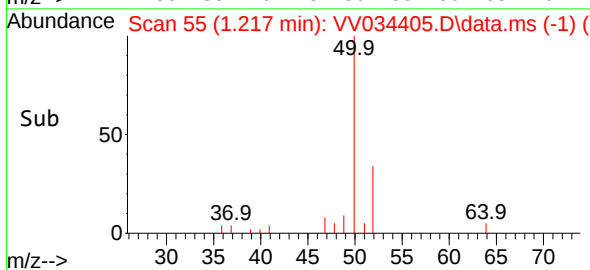
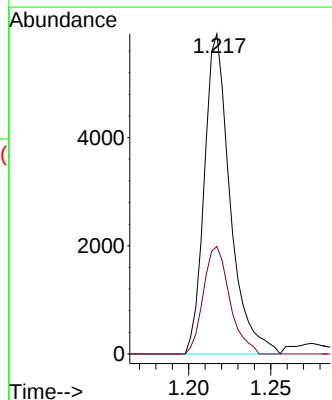
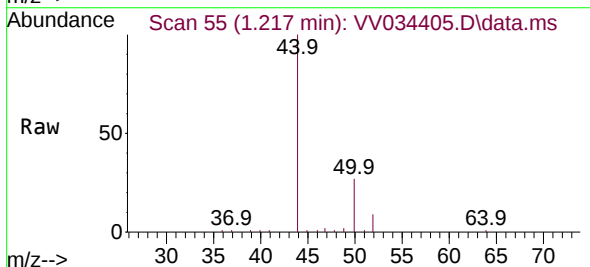
Instrument :
MSVOA_V
ClientSampleId :

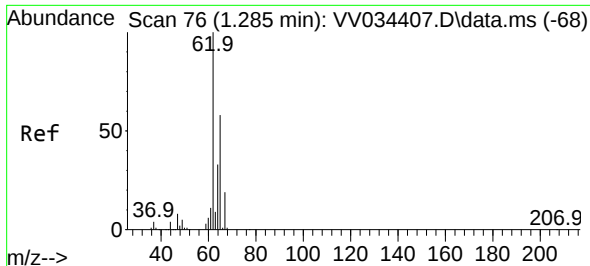
Tgt Ion: 85 Resp: 5125
Ion Ratio Lower Upper
85 100
87 32.2 24.9 37.3



#3
Chloromethane
Concen: 0.443 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

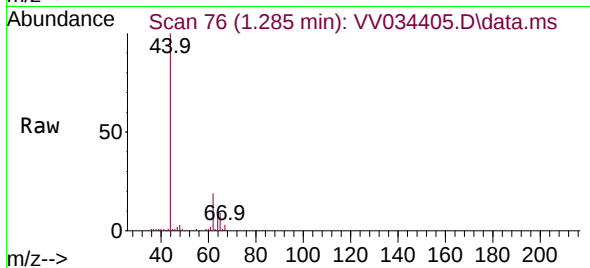
Tgt Ion: 50 Resp: 6452
Ion Ratio Lower Upper
50 100
52 33.6 22.3 41.3



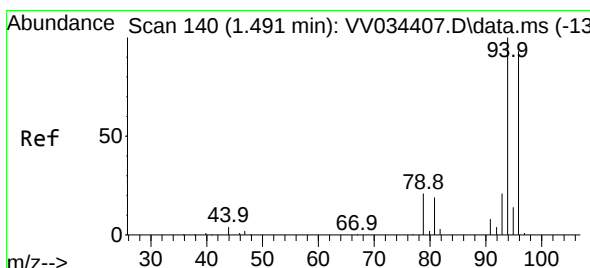
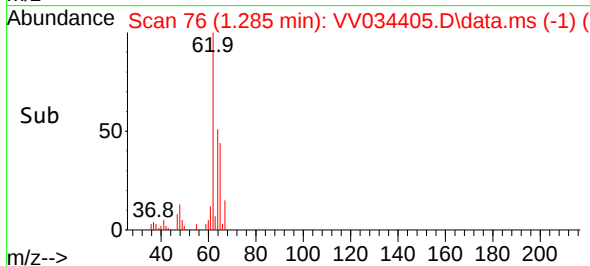
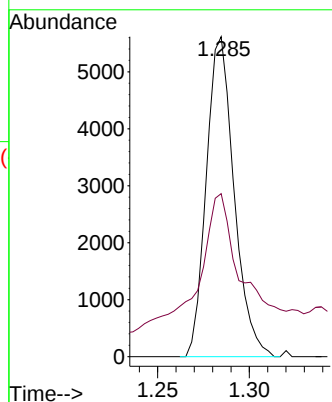


#5
 Vinyl chloride
 Concen: 0.425 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

Instrument :
 MSVOA_V
 ClientSampleId :

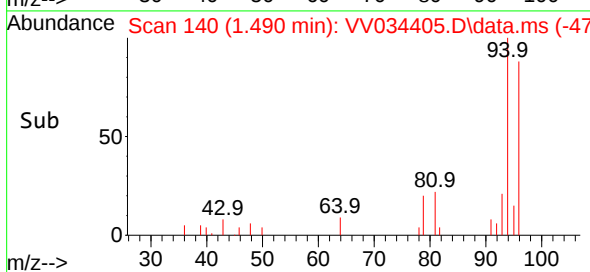
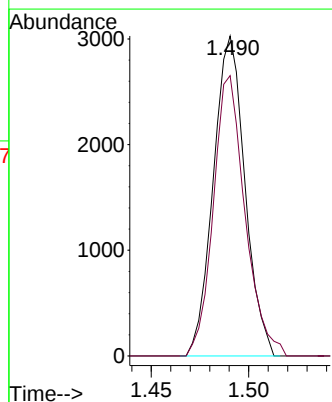
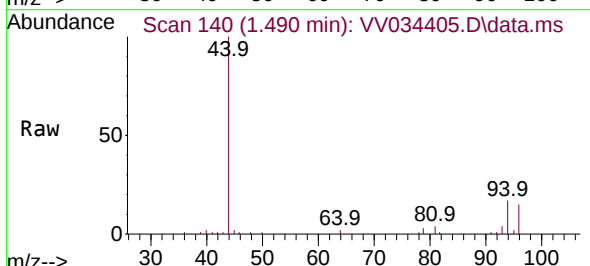


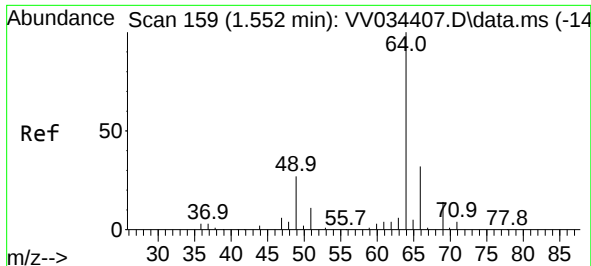
Tgt Ion: 62 Resp: 5910
 Ion Ratio Lower Upper
 62 100
 64 51.0 23.4 43.4#



#6
 Bromomethane
 Concen: 0.453 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

Tgt Ion: 94 Resp: 3410
 Ion Ratio Lower Upper
 94 100
 96 87.6 65.5 121.7





#8

Chloroethane

Concen: 0.495 ug/L

RT: 1.552 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

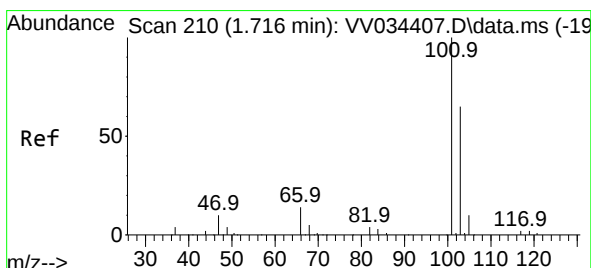
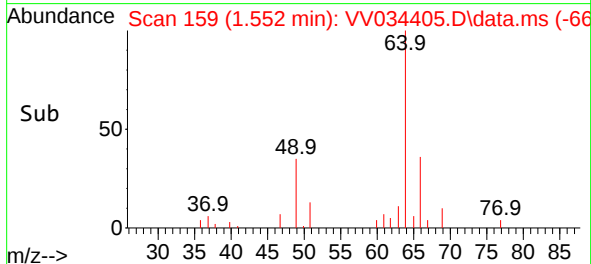
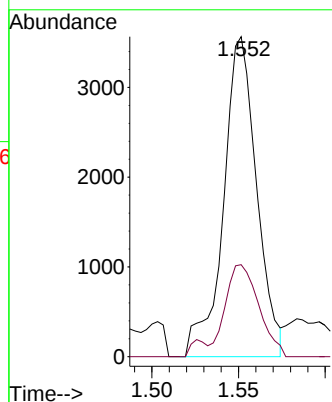
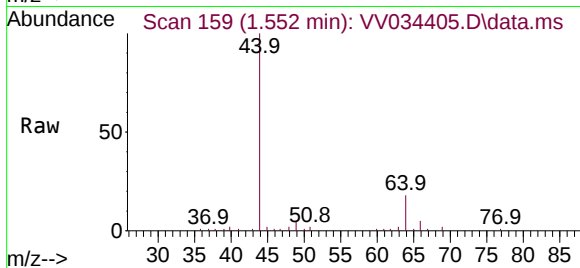
ClientSampleId :

Tgt Ion: 64 Resp: 4764

Ion Ratio Lower Upper

64 100

66 28.7 22.1 41.1



#9

Trichlorofluoromethane

Concen: 0.466 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV034405.D

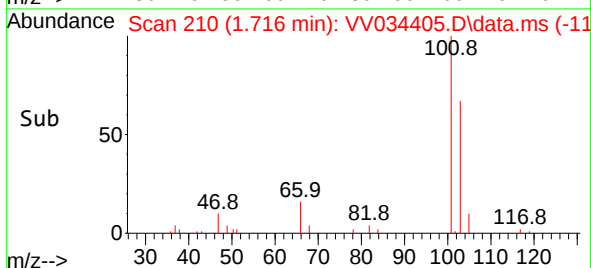
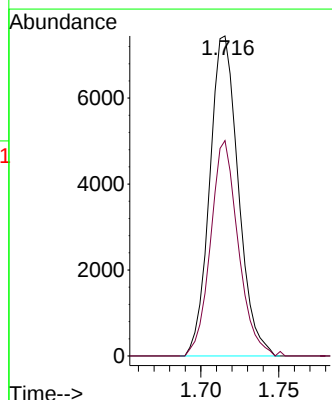
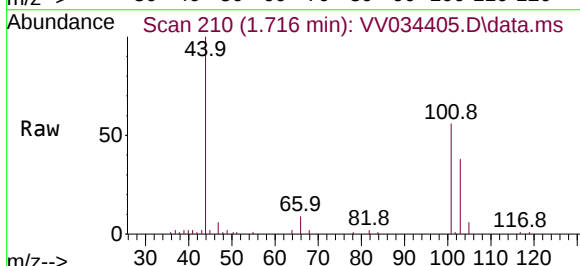
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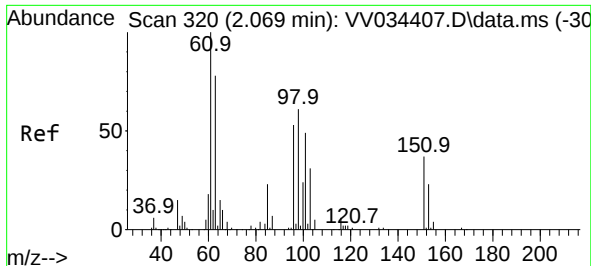
Tgt Ion:101 Resp: 9525

Ion Ratio Lower Upper

101 100

103 65.1 52.0 78.0

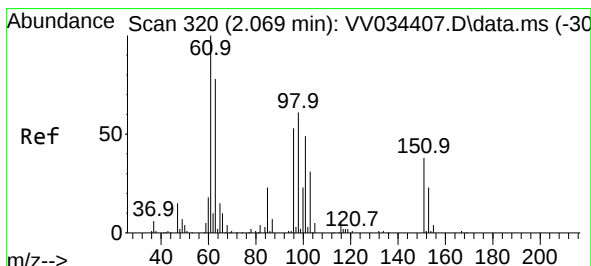
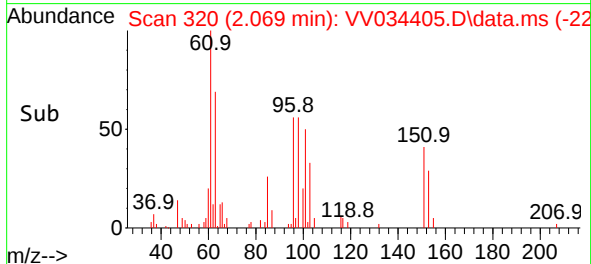
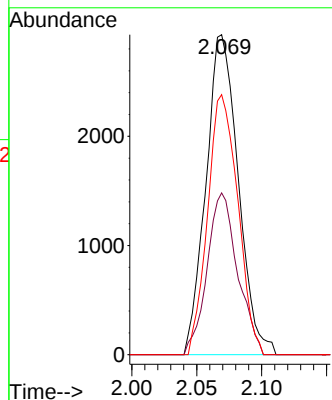
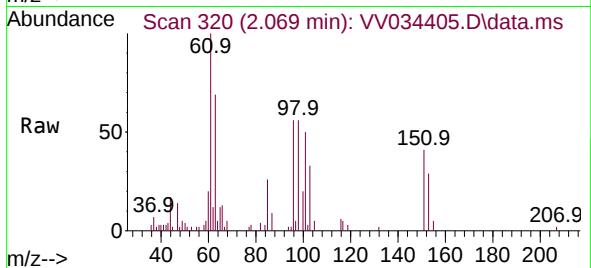




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.472 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

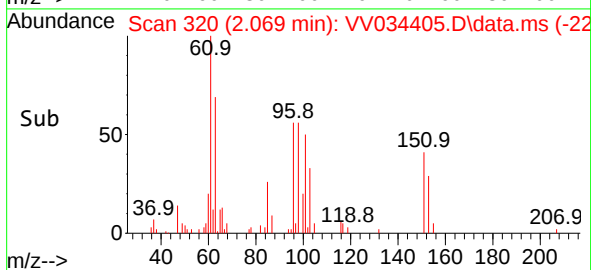
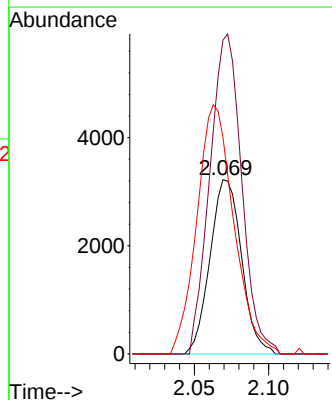
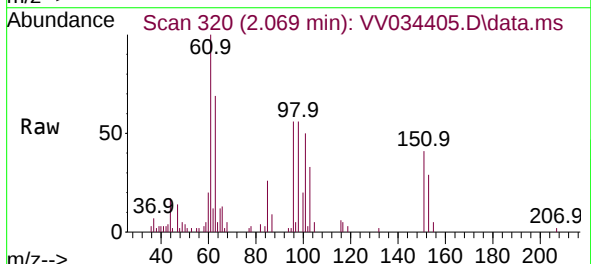
Instrument :
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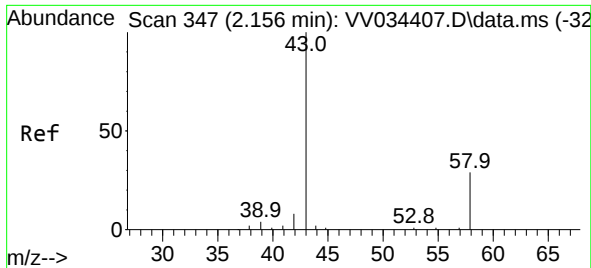
Tgt Ion:101 Resp: 5065
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.9 56.9
 151 76.0 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 0.457 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

Tgt Ion: 96 Resp: 4756
 Ion Ratio Lower Upper
 96 100
 61 180.1 131.3 243.8
 63 124.4 102.8 191.0





#13

Acetone

Concen: 7.665 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

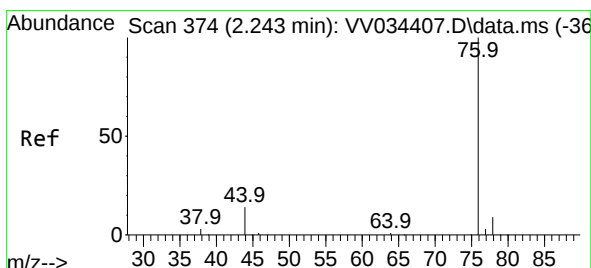
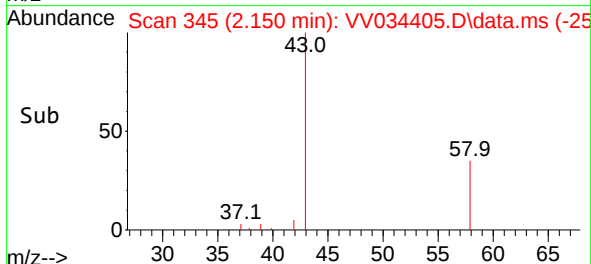
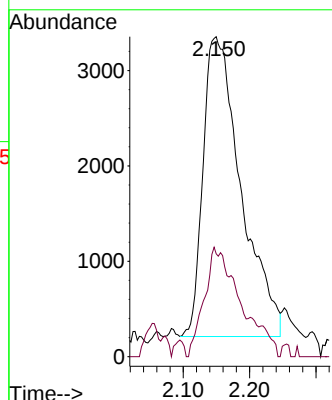
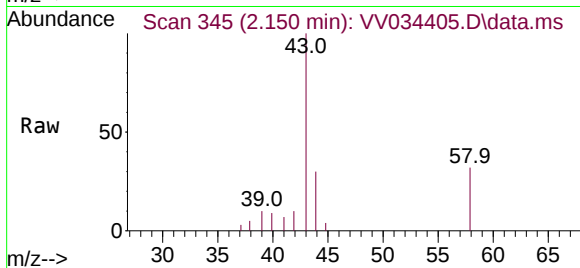
ClientSampleId :

Tgt Ion: 43 Resp: 12485

Ion Ratio Lower Upper

43 100

58 29.6 0.0 56.2



#14

Carbon disulfide

Concen: 0.396 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV034405.D

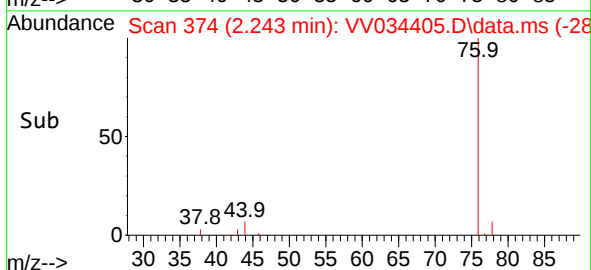
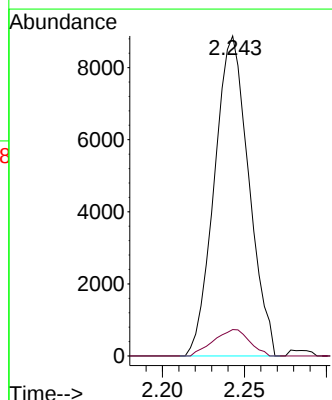
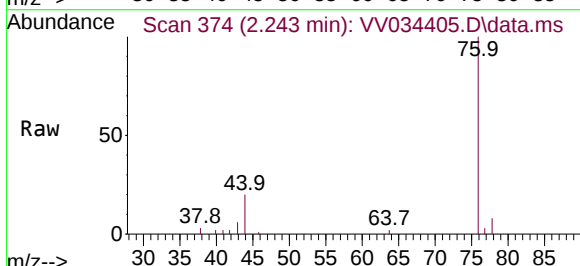
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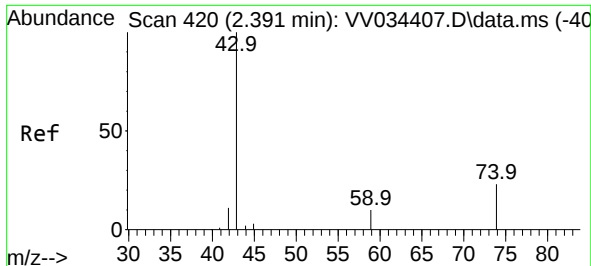
Tgt Ion: 76 Resp: 12910

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4





#15

Methyl Acetate

Concen: 0.354 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

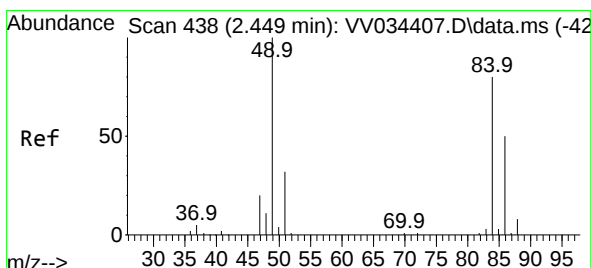
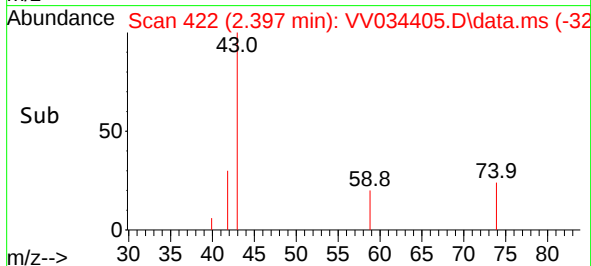
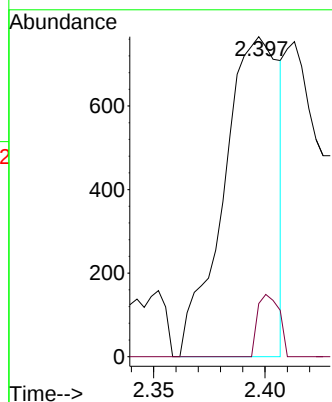
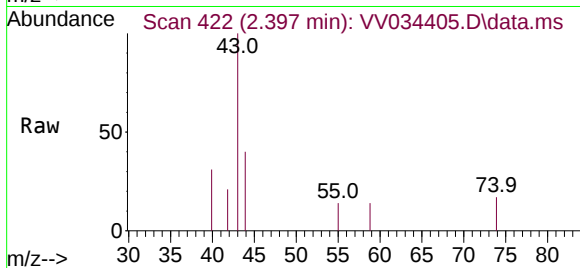
ClientSampleId :

Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

74 7.7 18.6 28.0#



#16

Methylene chloride

Concen: 0.616 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

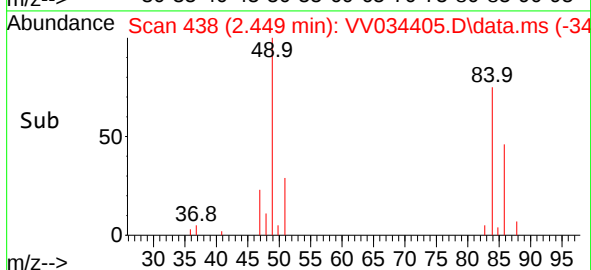
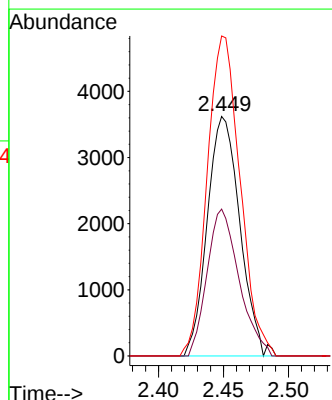
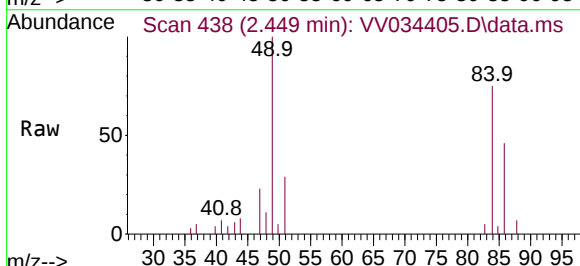
Tgt Ion: 84 Resp: 6328

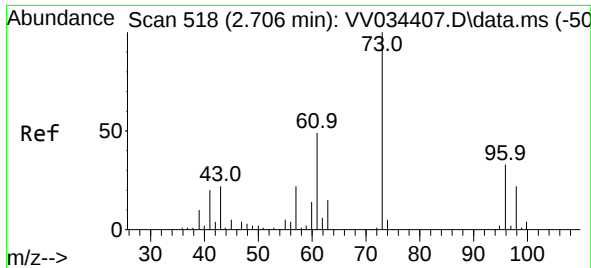
Ion Ratio Lower Upper

84 100

86 61.3 43.8 81.4

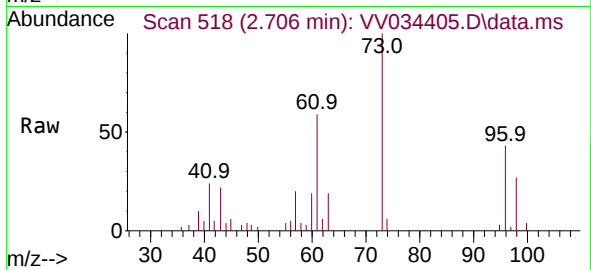
49 140.1 87.6 162.8



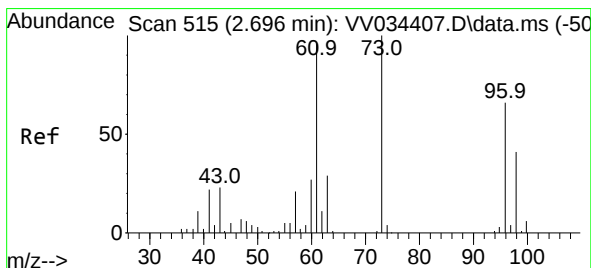
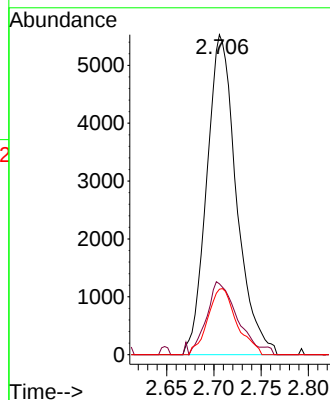
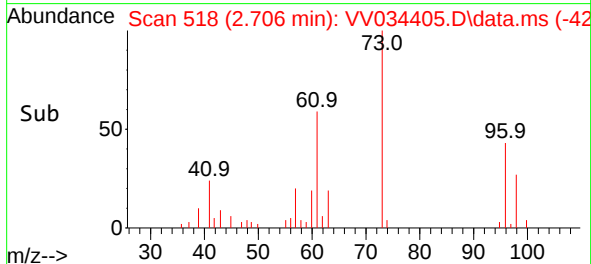


#17
Methyl tert-butyl Ether
Concen: 0.536 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

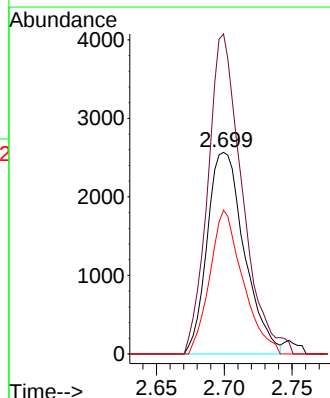
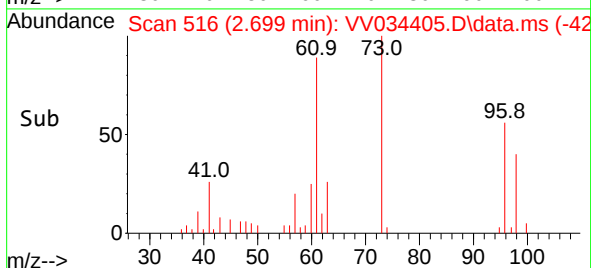
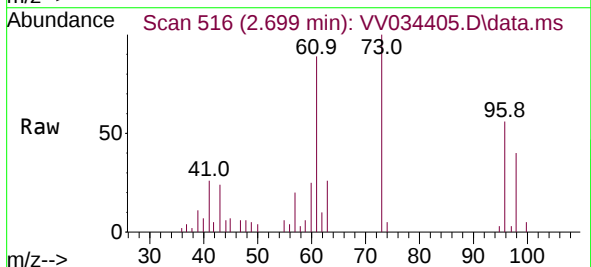


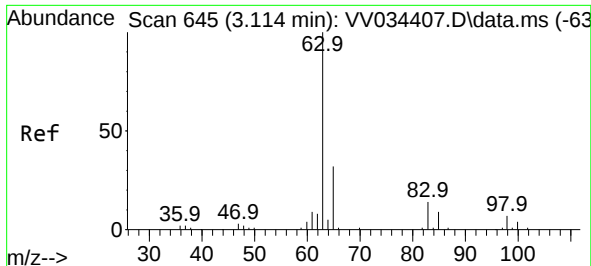
Tgt Ion: 73	Resp: 12059
Ion Ratio	Lower Upper
73	100
43	23.7 18.0 27.0
57	20.1 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 96	Resp: 4889
Ion Ratio	Lower Upper
96	100
61	158.7 101.3 188.1
98	71.3 43.5 80.7





#19

1,1-Dichloroethane

Concen: 0.476 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

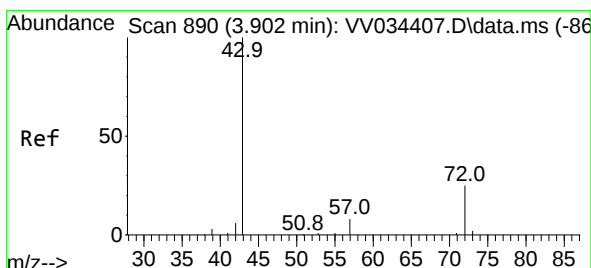
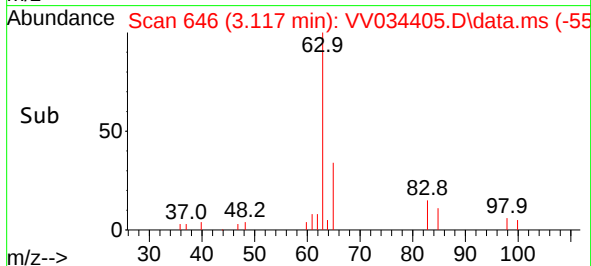
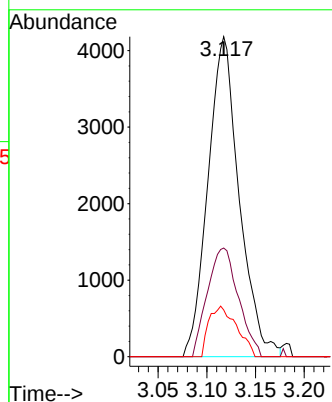
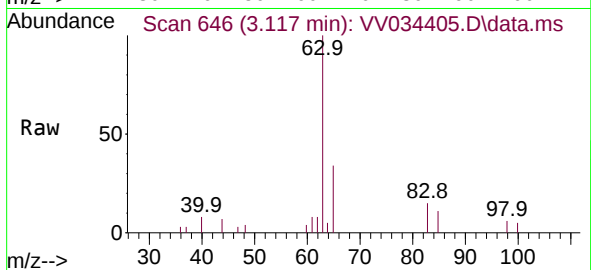
Tgt Ion: 63 Resp: 9334

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 1.037 ug/L

RT: 3.937 min Scan# 901

Delta R.T. 0.035 min

Lab File: VV034405.D

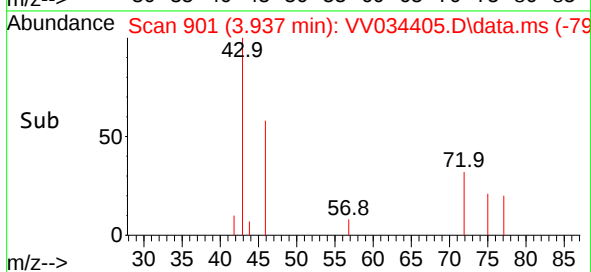
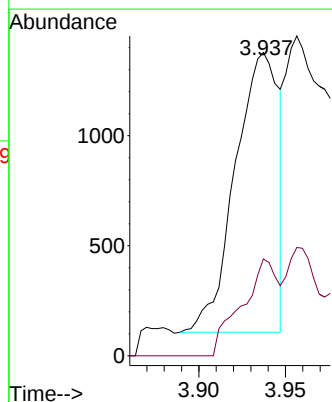
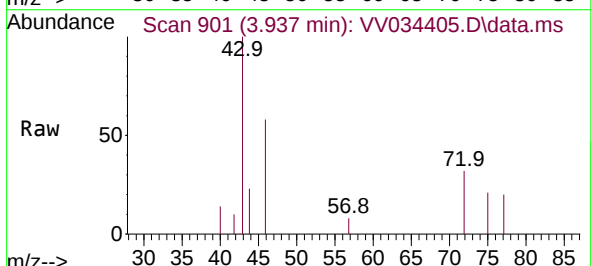
Acq: 26 Feb 2024 12:23

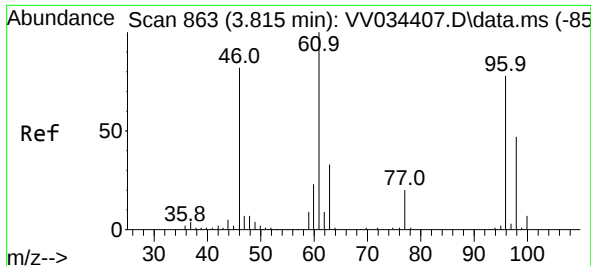
Tgt Ion: 43 Resp: 2210

Ion Ratio Lower Upper

43 100

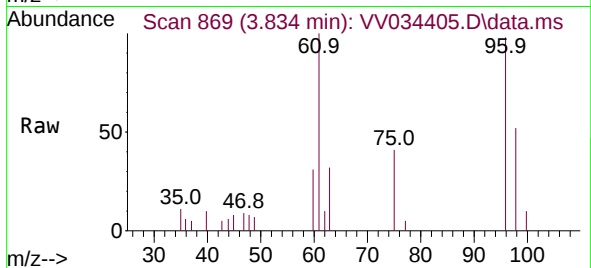
72 29.0 12.4 37.0



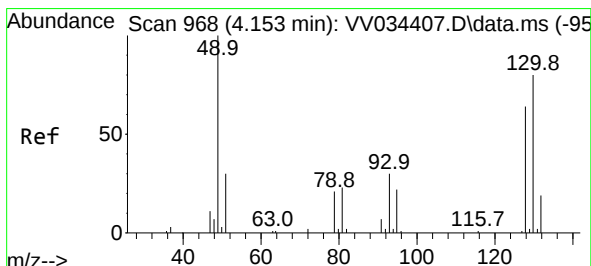
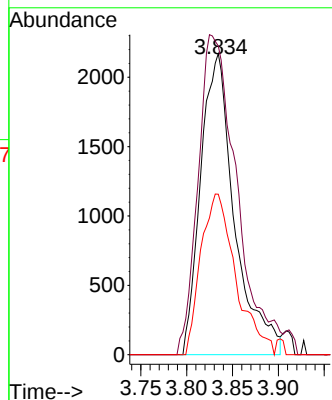
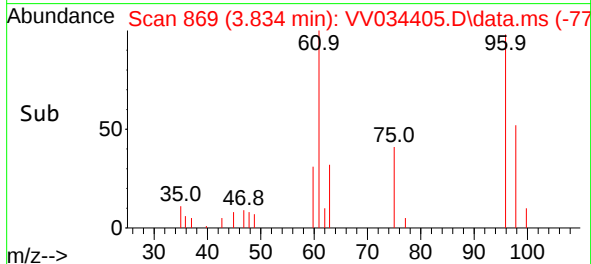


#22
 cis-1,2-Dichloroethene
 Concen: 0.462 ug/L
 RT: 3.834 min Scan# 869
 Delta R.T. 0.019 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

Instrument :
 MSVOA_V
 ClientSampleId :

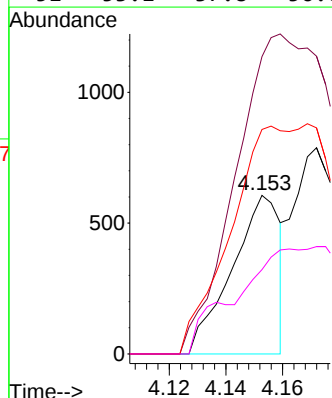
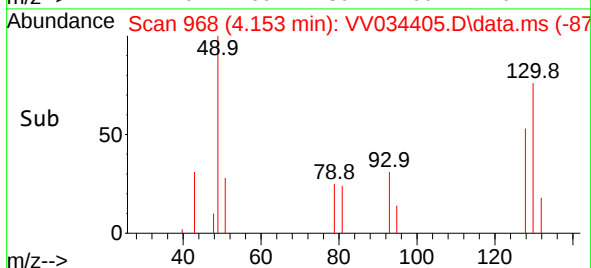
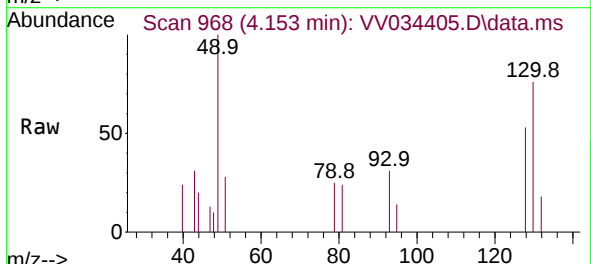


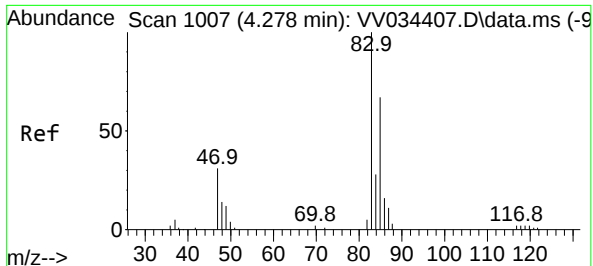
Tgt Ion: 96 Resp: 5565
 Ion Ratio Lower Upper
 96 100
 61 102.5 89.7 166.5
 98 53.3 42.0 78.0



#23
 Bromochloromethane
 Concen: 0.164 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV034405.D
 Acq: 26 Feb 2024 12:23

Tgt Ion: 128 Resp: 712
 Ion Ratio Lower Upper
 128 100
 49 187.5 109.9 204.1
 130 141.6 87.7 162.9
 51 53.1 37.8 56.6





#25

Chloroform

Concen: 0.491 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

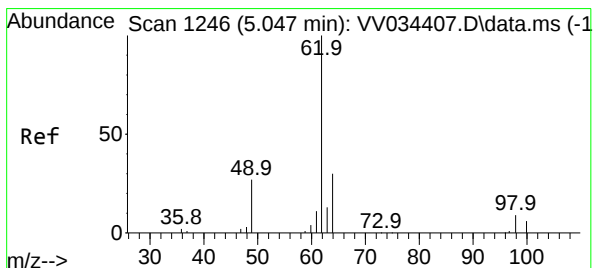
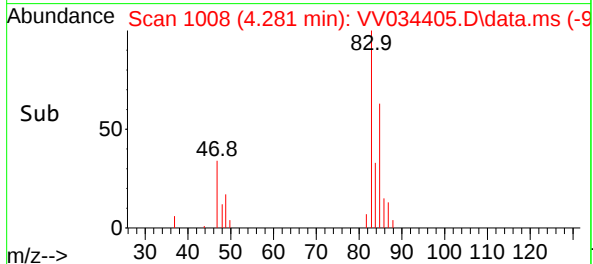
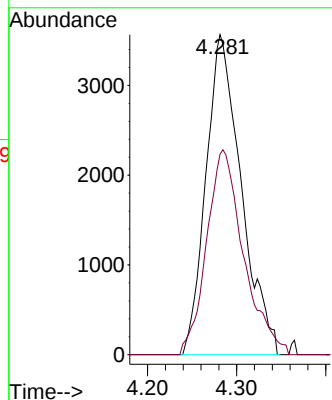
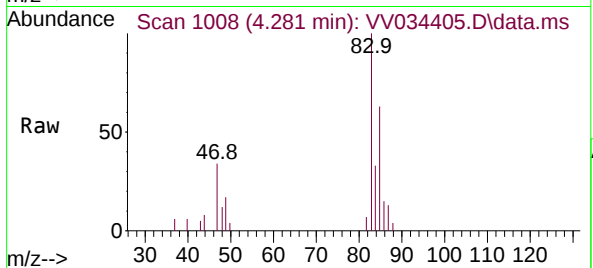
ClientSampleId :

Tgt Ion: 83 Resp: 9808

Ion Ratio Lower Upper

83 100

85 62.7 47.0 87.4



#27

1,2-Dichloroethane

Concen: 0.465 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.013 min

Lab File: VV034405.D

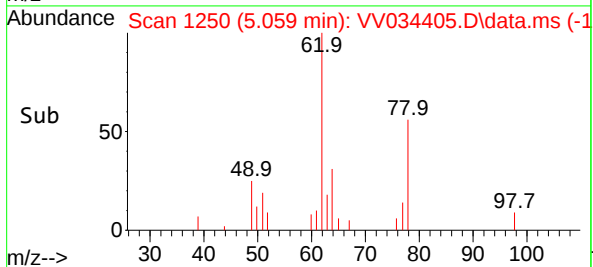
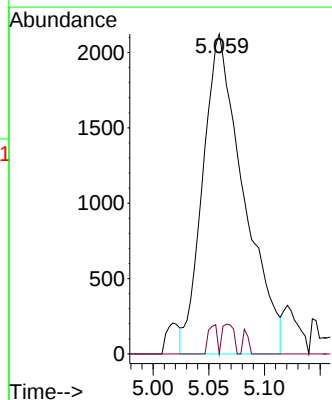
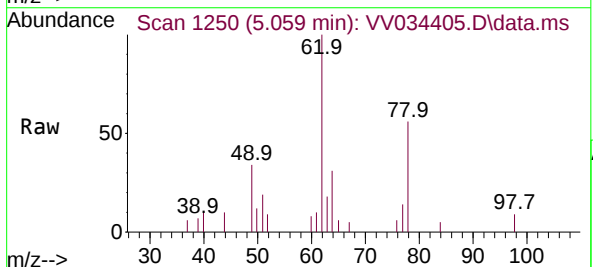
Acq: 26 Feb 2024 12:23

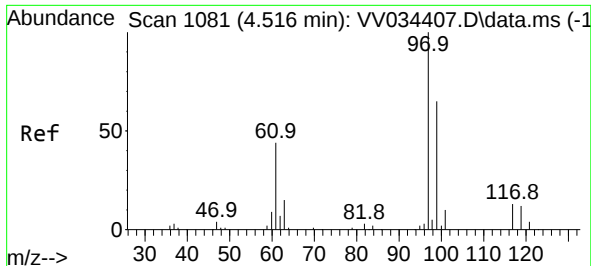
Tgt Ion: 62 Resp: 5402

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#





#29

1,1,1-Trichloroethane

Concen: 0.488 ug/L

RT: 4.510 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

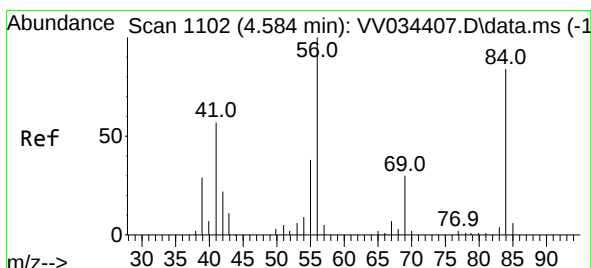
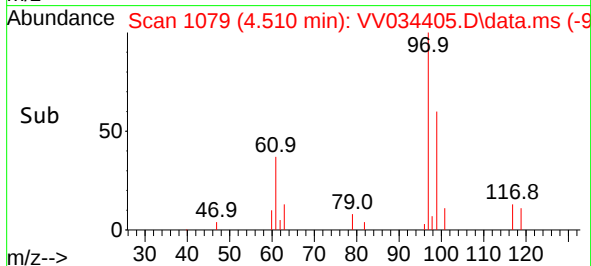
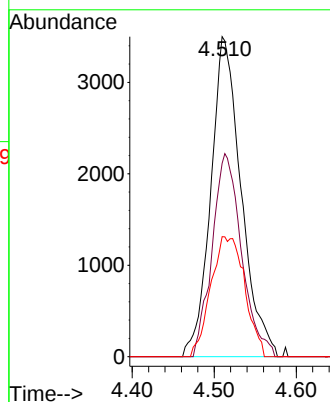
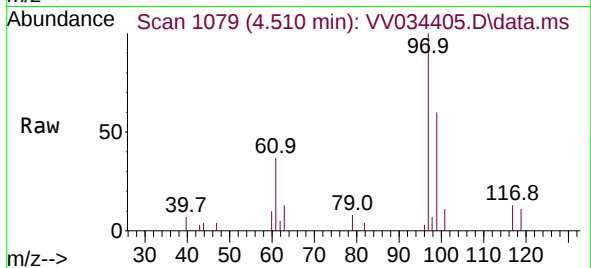
Tgt Ion: 97 Resp: 8996

Ion Ratio Lower Upper

97 100

99 61.5 51.2 76.8

61 41.9 36.1 54.1



#30

Cyclohexane

Concen: 0.434 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

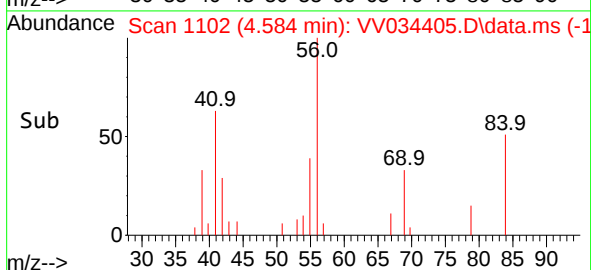
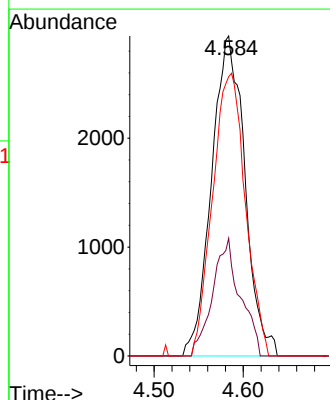
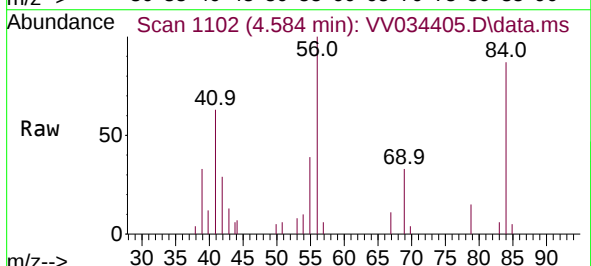
Tgt Ion: 56 Resp: 7598

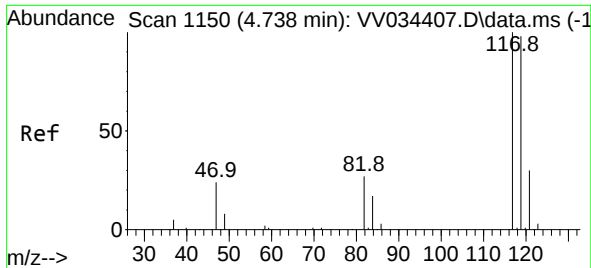
Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 87.1 70.3 105.5

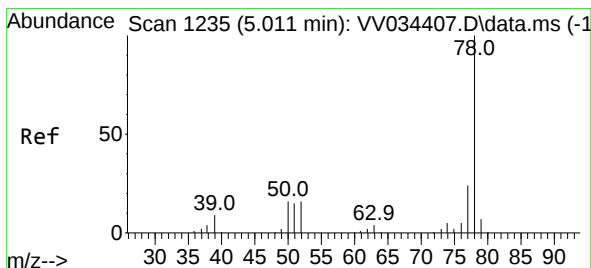
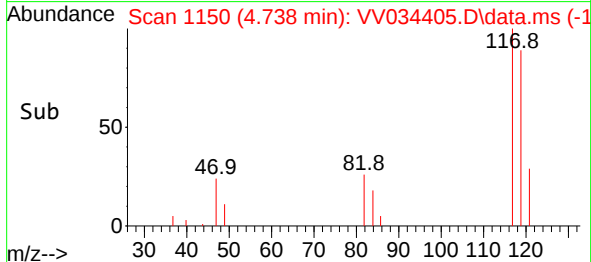
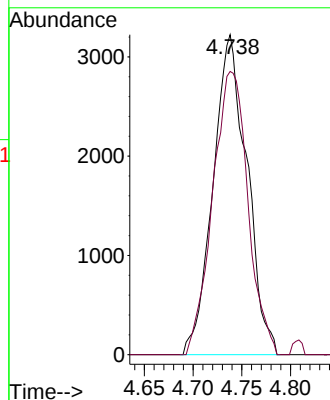
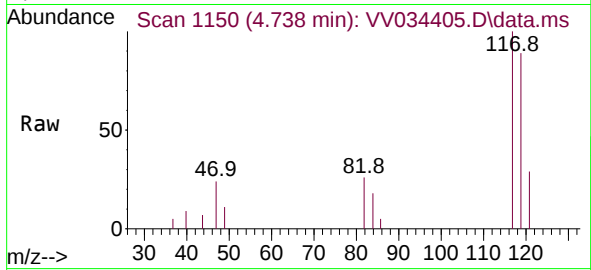




#31
Carbon tetrachloride
Concen: 0.484 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

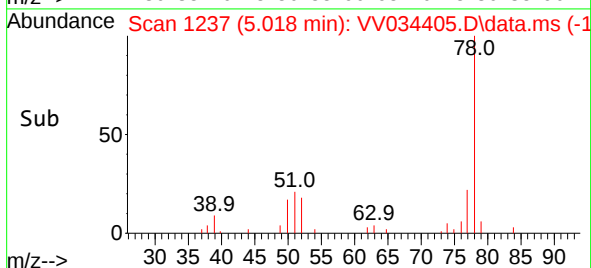
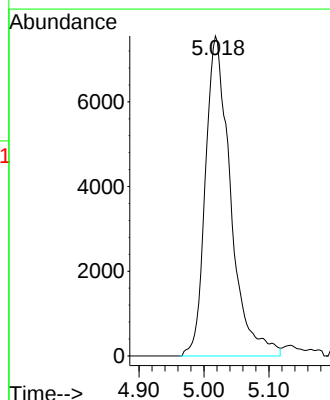
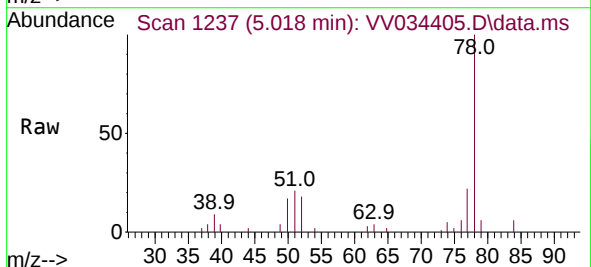
Instrument :
MSVOA_V
ClientSampleId :

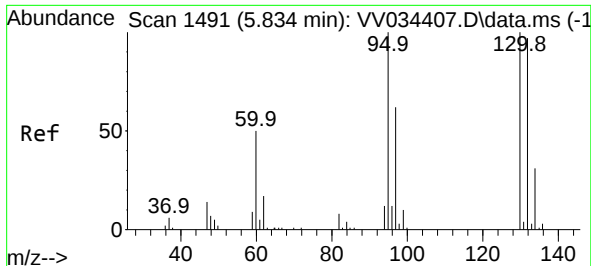
Tgt Ion:117 Resp: 7782
Ion Ratio Lower Upper
117 100
119 92.3 77.0 115.6



#33
Benzene
Concen: 0.494 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 78 Resp: 20337



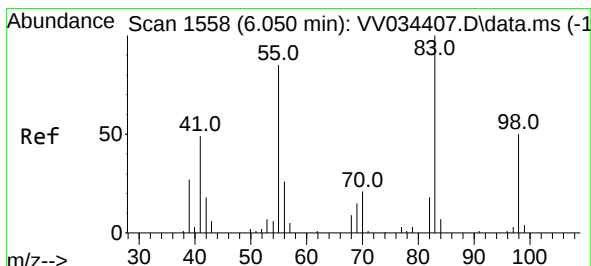
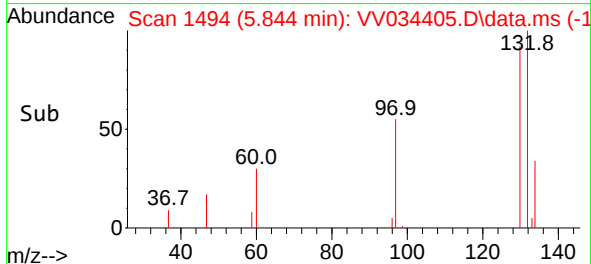
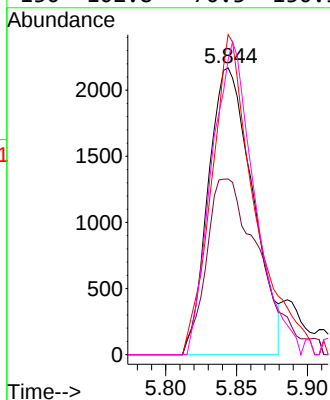
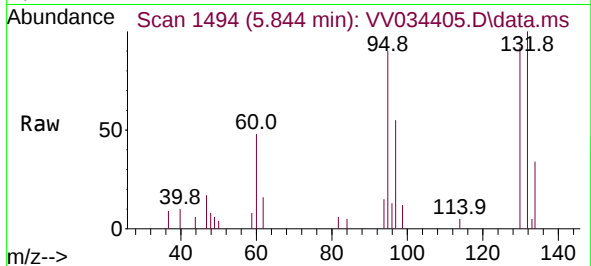


#34
Trichloroethene
Concen: 0.398 ug/L
RT: 5.844 min Scan# 1491
Delta R.T. 0.009 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 4715

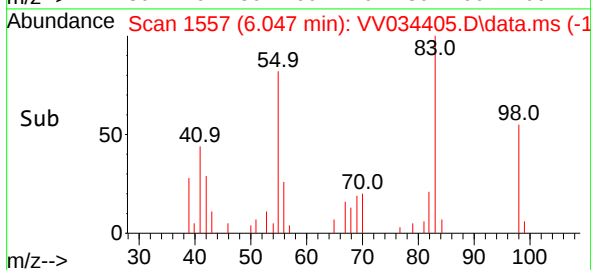
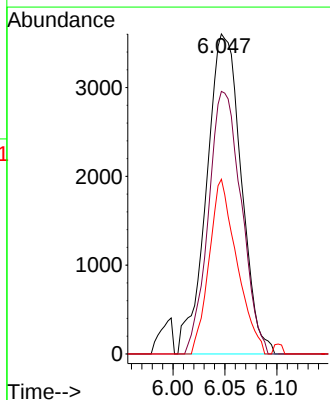
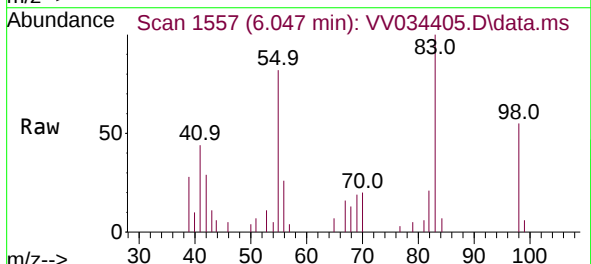
Ion	Ratio	Lower	Upper
95	100		
97	61.3	43.3	80.5
132	111.6	67.8	126.0
130	102.8	70.3	130.5

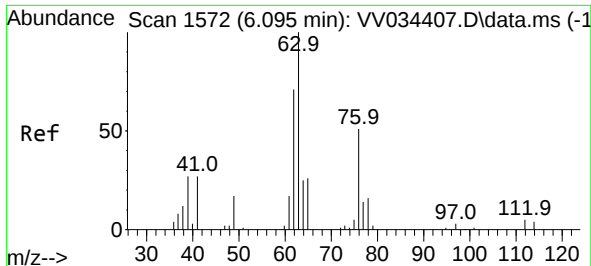


#35
Methylcyclohexane
Concen: 0.455 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 83 Resp: 8361

Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.9	92.9
98	43.6	38.1	57.1





#37

1,2-Dichloropropane

Concen: 0.472 ug/L

RT: 6.098 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

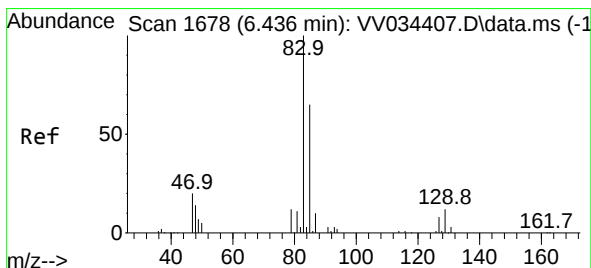
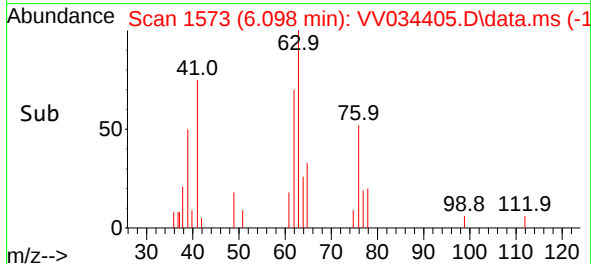
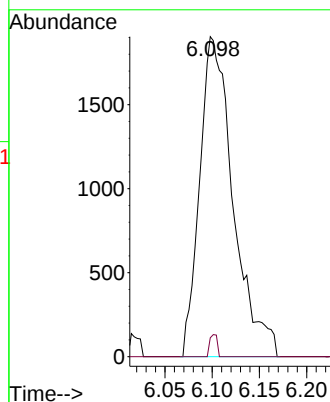
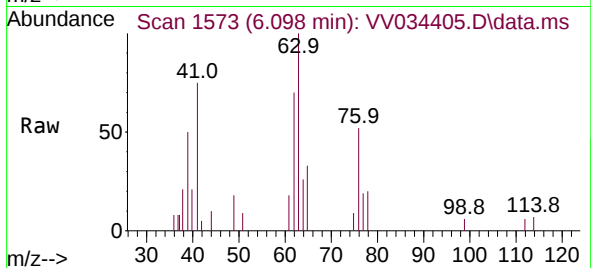
ClientSampleId :

Tgt Ion: 63 Resp: 4700

Ion Ratio Lower Upper

63 100

112 1.5 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.487 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

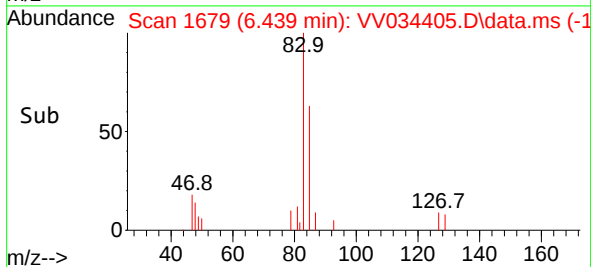
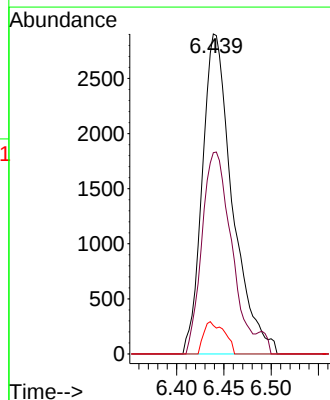
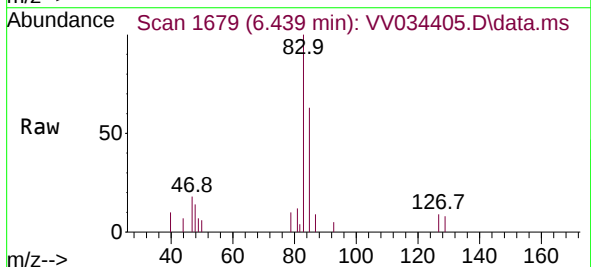
Tgt Ion: 83 Resp: 6427

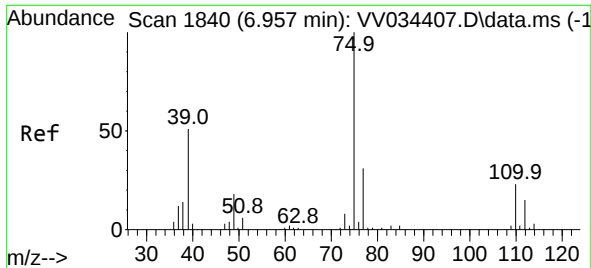
Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.2

127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.353 ug/L

RT: 6.969 min Scan# 1844

Delta R.T. 0.013 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

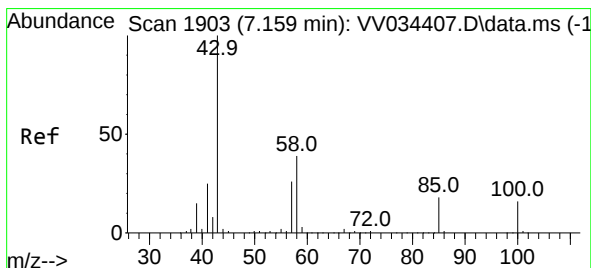
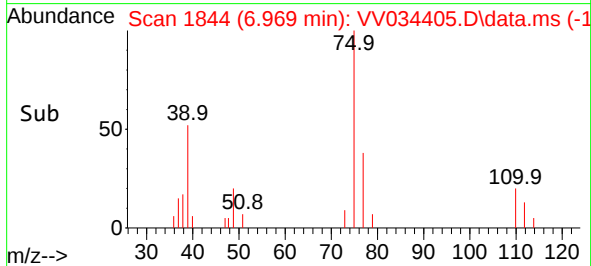
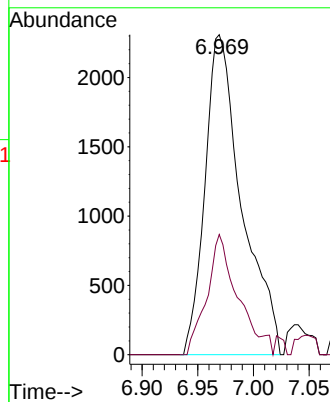
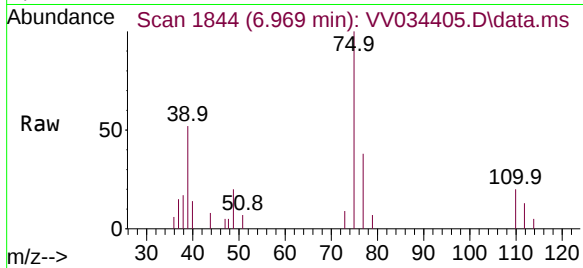
ClientSampleId :

Tgt Ion: 75 Resp: 5310

Ion Ratio Lower Upper

75 100

77 37.5 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 5.084 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.009 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

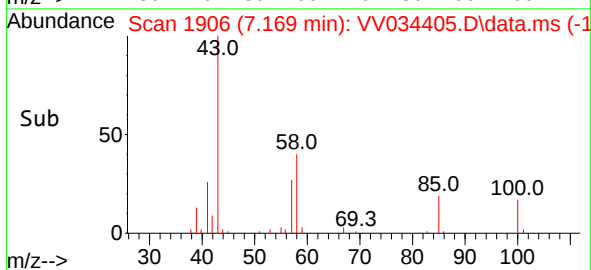
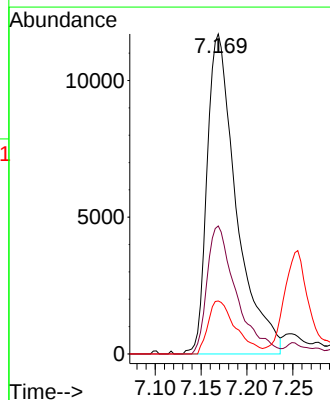
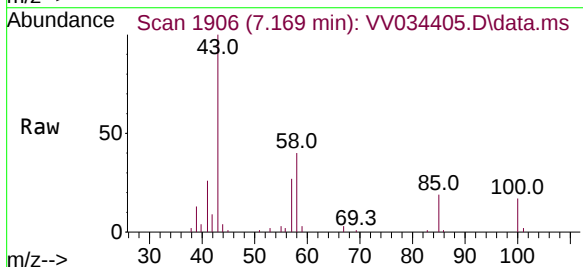
Tgt Ion: 43 Resp: 26016

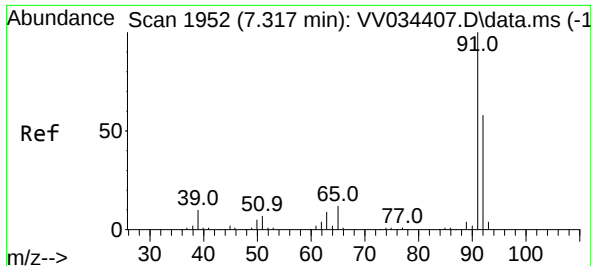
Ion Ratio Lower Upper

43 100

58 39.9 30.7 46.1

100 15.7 12.3 18.5





#42

Toluene

Concen: 0.466 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

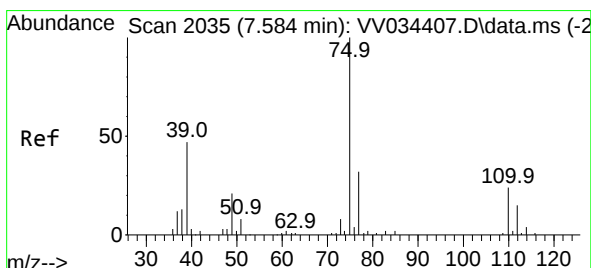
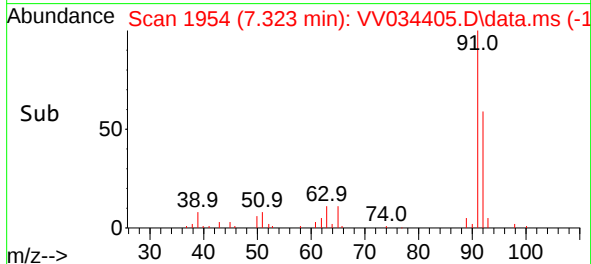
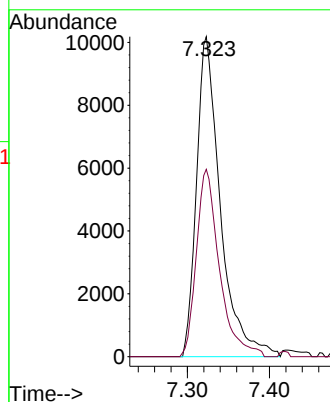
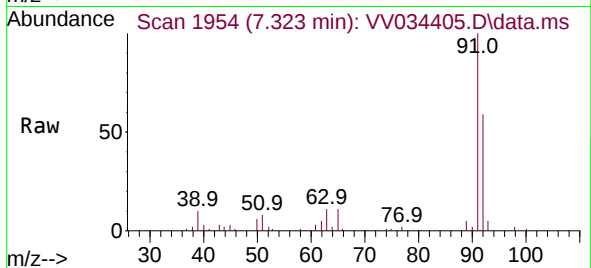
ClientSampleId :

Tgt Ion: 91 Resp: 20524

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 7.599 min Scan# 2040

Delta R.T. 0.016 min

Lab File: VV034405.D

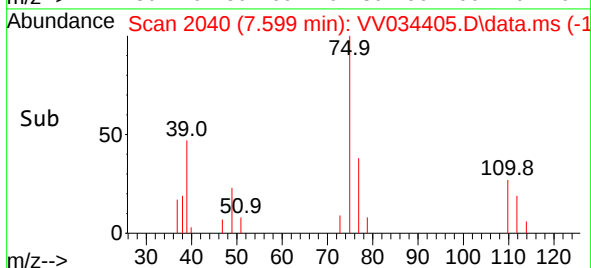
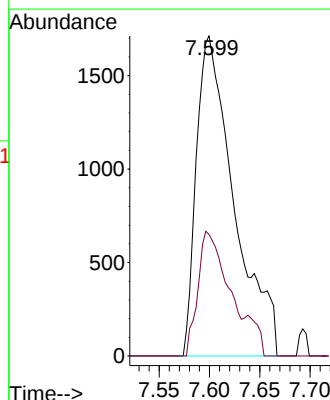
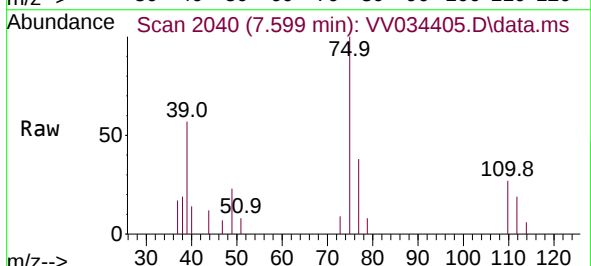
Acq: 26 Feb 2024 12:23

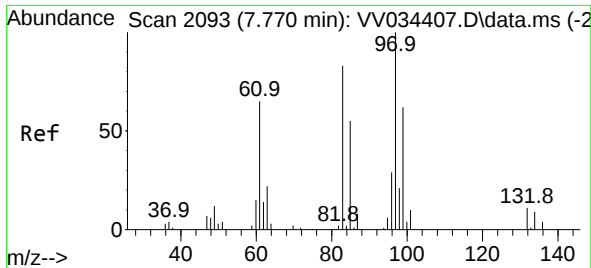
Tgt Ion: 75 Resp: 4468

Ion Ratio Lower Upper

75 100

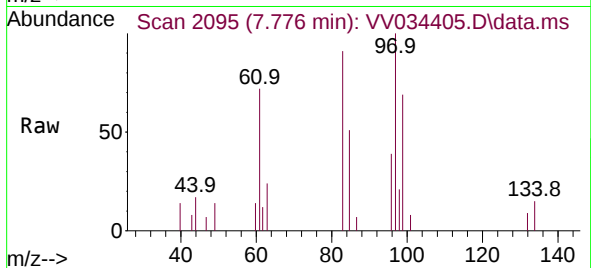
77 38.0 22.7 42.1



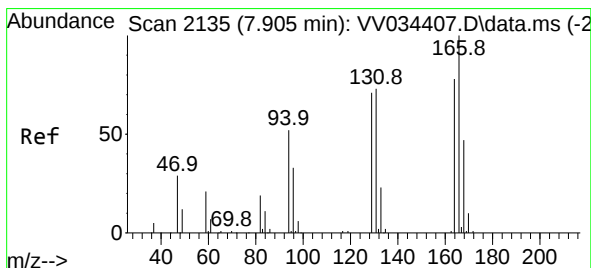
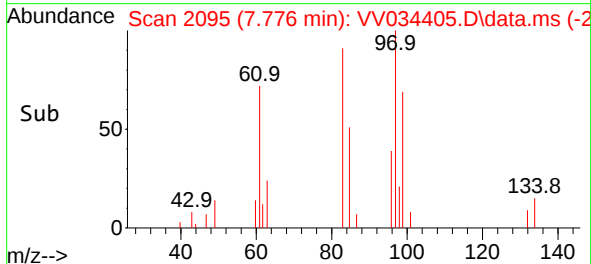
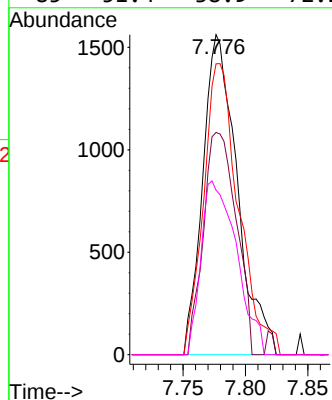


#45
1,1,2-Trichloroethane
Concen: 0.469 ug/L
RT: 7.776 min Scan# 2093
Delta R.T. 0.006 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Instrument :
MSVOA_V
ClientSampleId :

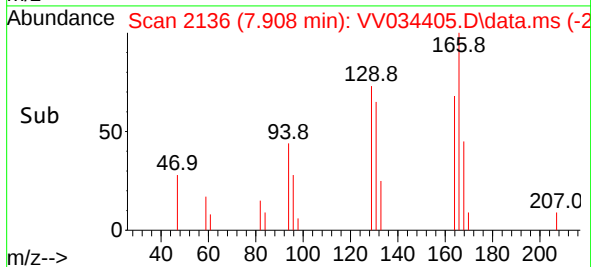
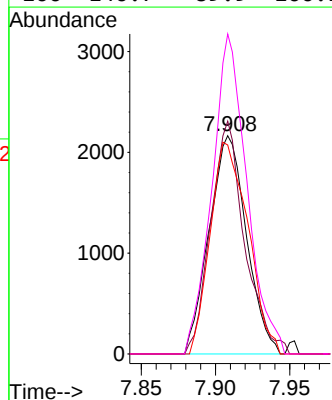
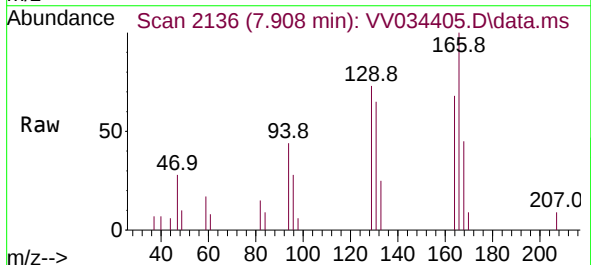


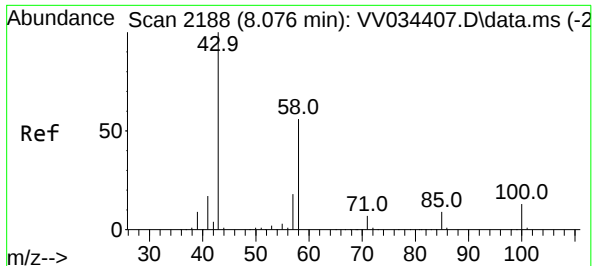
Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.5	43.3	80.5
83	90.9	57.9	107.5
85	51.4	38.9	72.2



#47
Tetrachloroethene
Concen: 0.394 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
129	106.7	64.2	119.2
131	95.7	65.9	122.3
166	146.7	89.9	166.9





#48

2-Hexanone

Concen: 5.082 ug/L

RT: 8.091 min Scan# 2188

Delta R.T. 0.016 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 18343

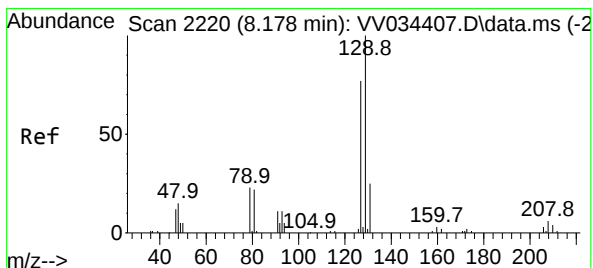
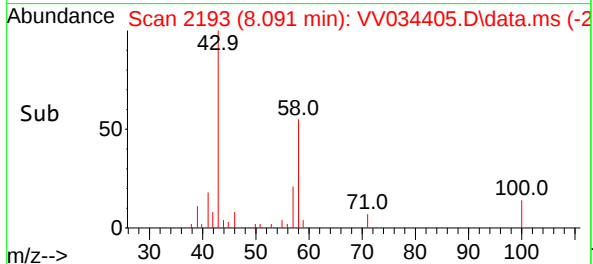
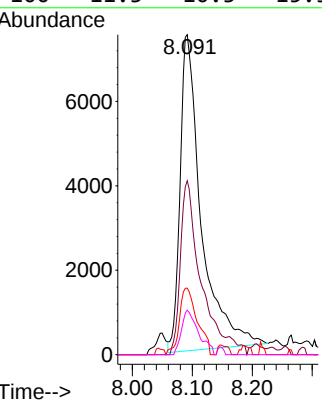
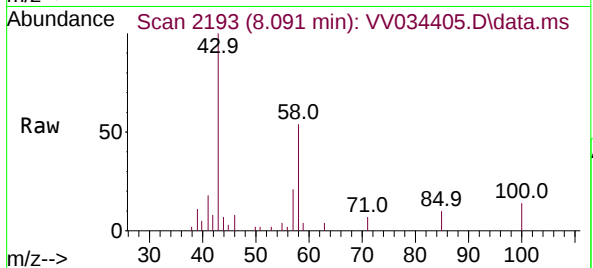
Ion Ratio Lower Upper

43 100

58 50.8 43.4 65.0

57 17.8 15.5 23.3

100 11.3 10.3 15.5



#49

Dibromochloromethane

Concen: 0.470 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. -0.000 min

Lab File: VV034405.D

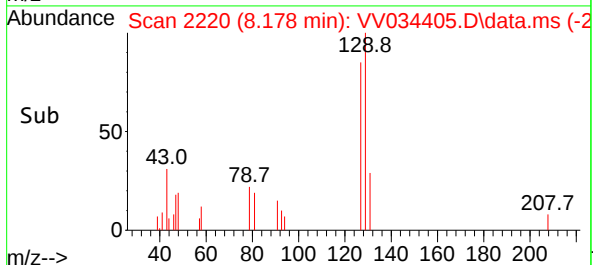
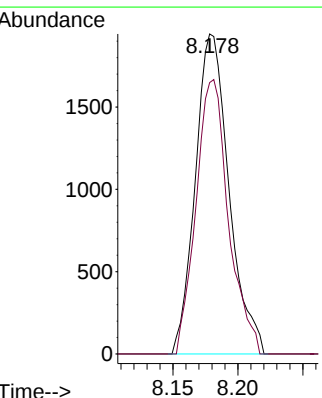
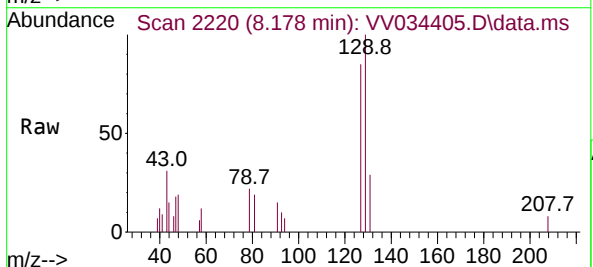
Acq: 26 Feb 2024 12:23

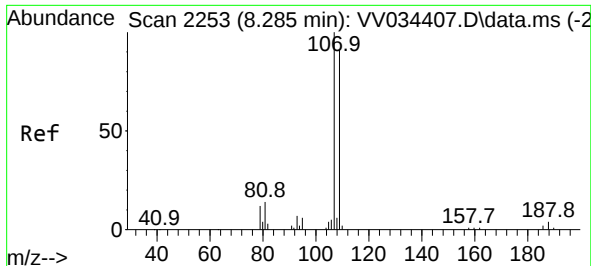
Tgt Ion: 129 Resp: 3506

Ion Ratio Lower Upper

129 100

127 84.8 54.0 100.4





#50

1,2-Dibromoethane

Concen: 0.496 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034405.D

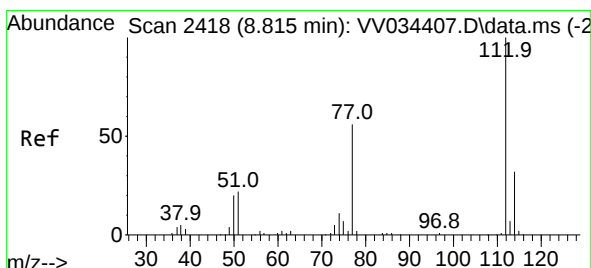
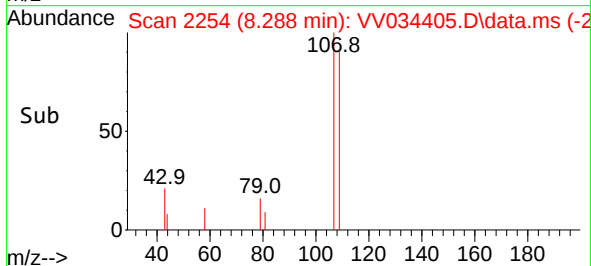
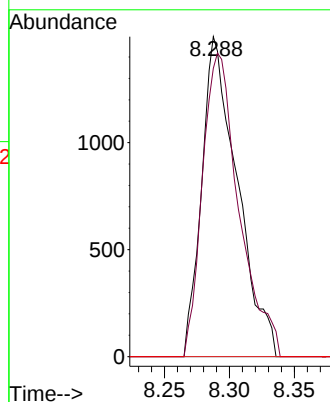
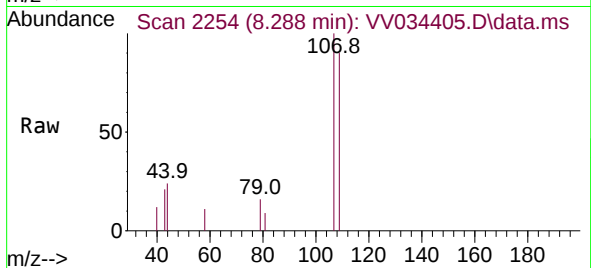
Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	2840
Ion Ratio	Lower	Upper
107	100	
109	90.1	63.8 118.4
188	0.0	3.1 4.7#



#51

Chlorobenzene

Concen: 0.482 ug/L

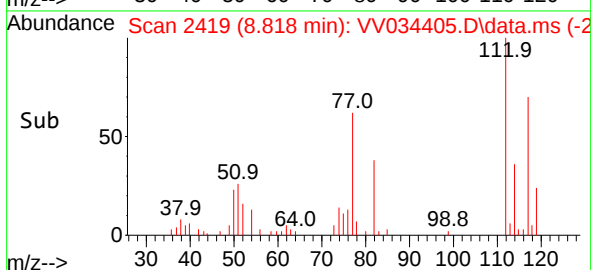
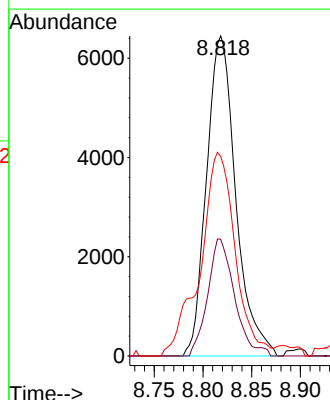
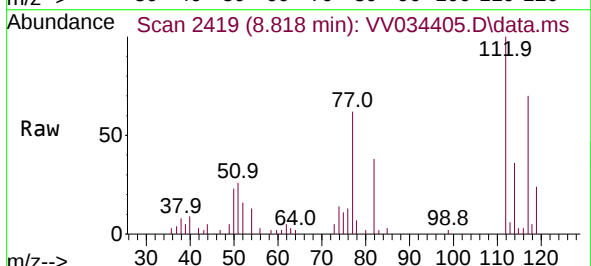
RT: 8.818 min Scan# 2419

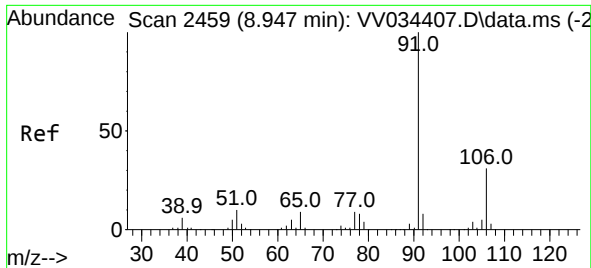
Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Tgt Ion:112	Resp:	13475
Ion Ratio	Lower	Upper
112	100	
114	36.5	22.5 41.9
77	62.4	45.4 68.2

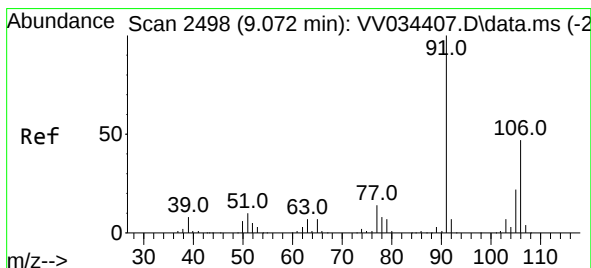
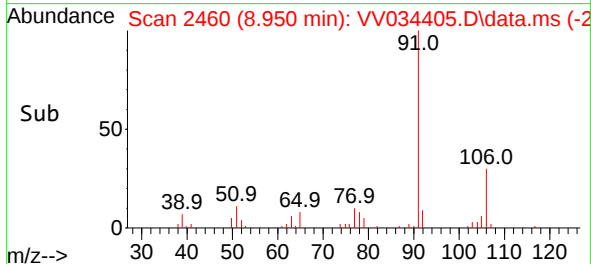
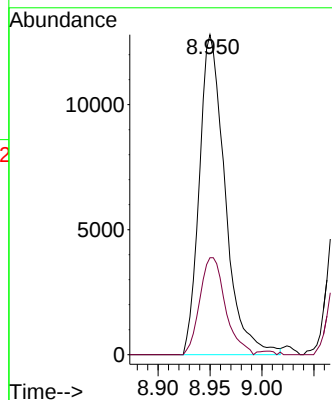
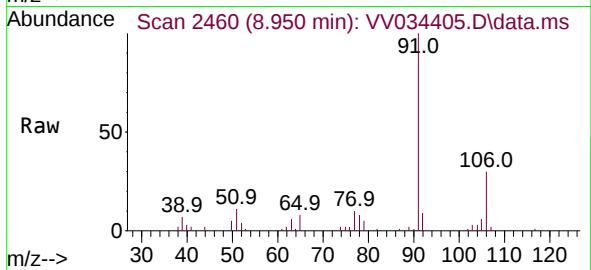




#52
Ethylbenzene
Concen: 0.437 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

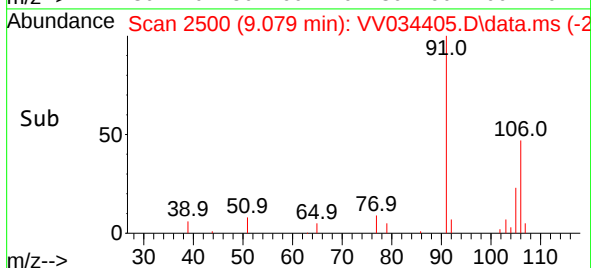
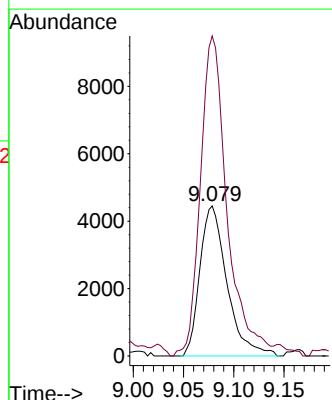
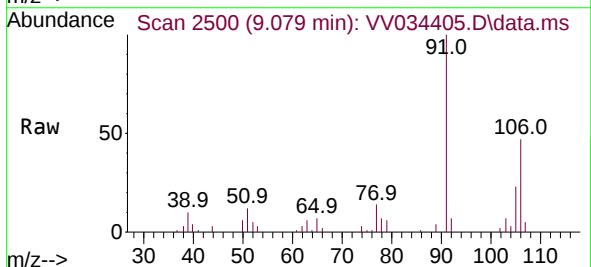
Instrument :
MSVOA_V
ClientSampleId :

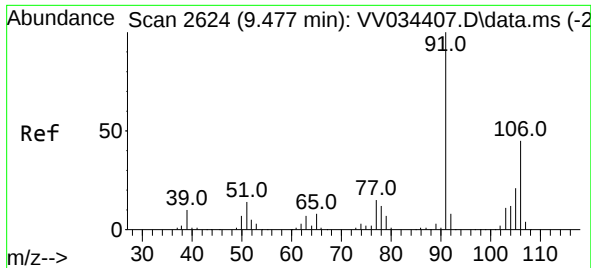
Tgt Ion: 91 Resp: 22026
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 0.439 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 106 Resp: 8346
Ion Ratio Lower Upper
106 100
91 213.2 148.5 275.9

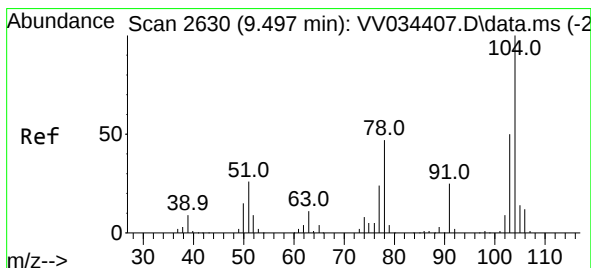
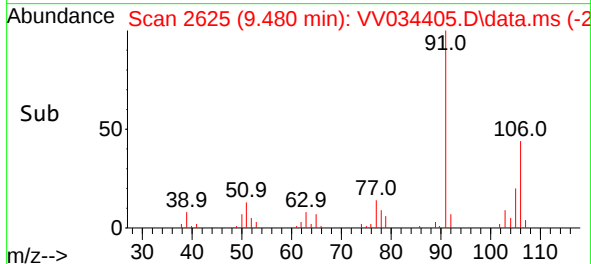
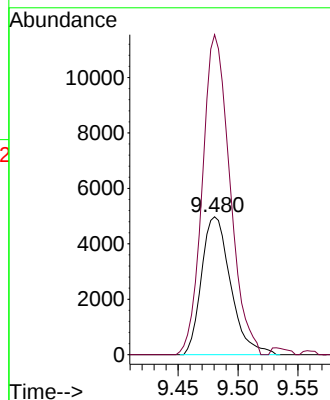
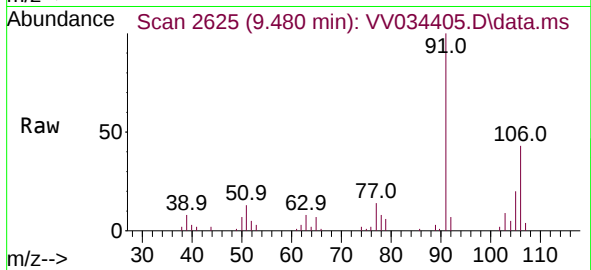




#54
o-Xylene
Concen: 0.455 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

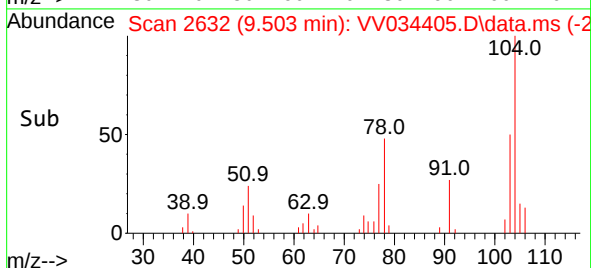
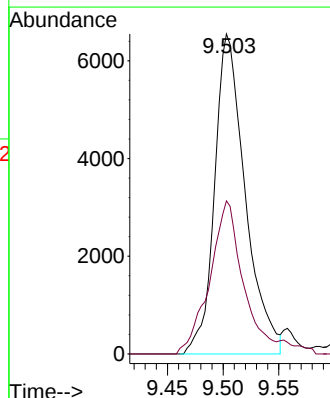
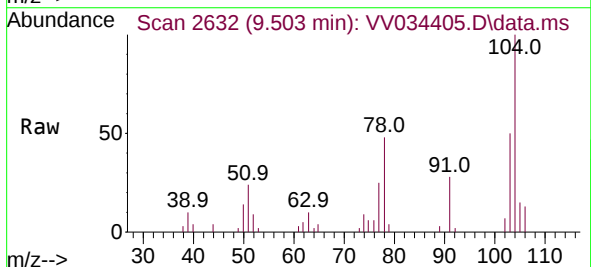
Instrument :
MSVOA_V
ClientSampleId :

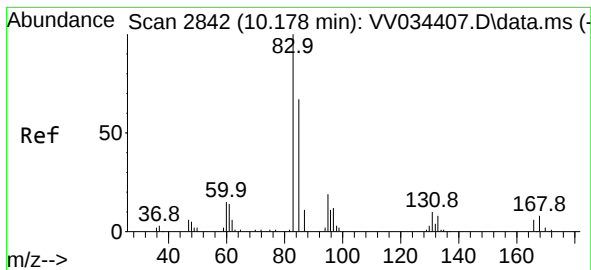
Tgt Ion:106 Resp: 8401
Ion Ratio Lower Upper
106 100
91 232.0 155.8 289.3



#55
Styrene
Concen: 0.424 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.006 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion:104 Resp: 12527
Ion Ratio Lower Upper
104 100
78 47.8 32.9 61.1

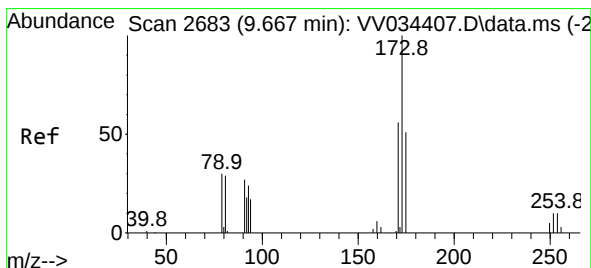
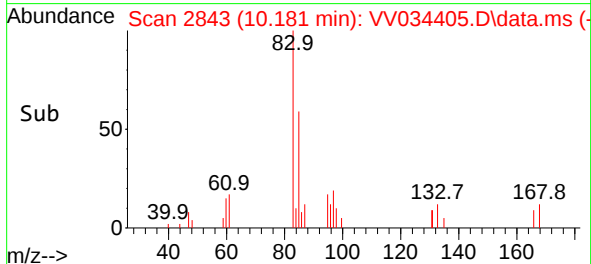
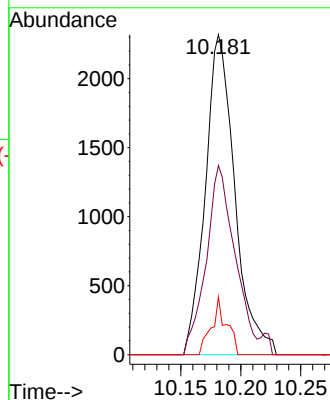
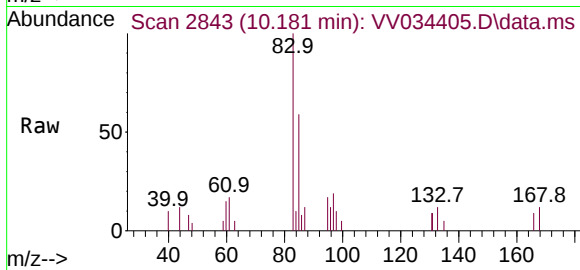




#57
1,1,2,2-Tetrachloroethane
Concen: 0.581 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

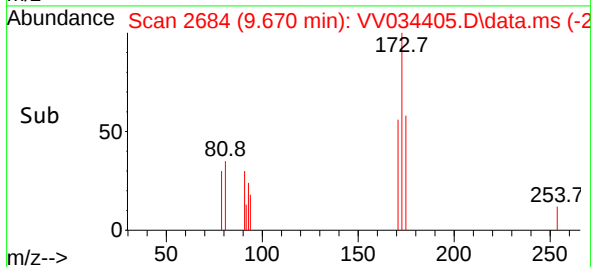
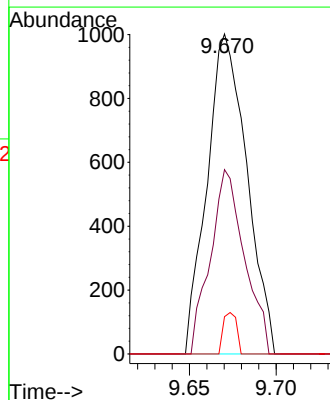
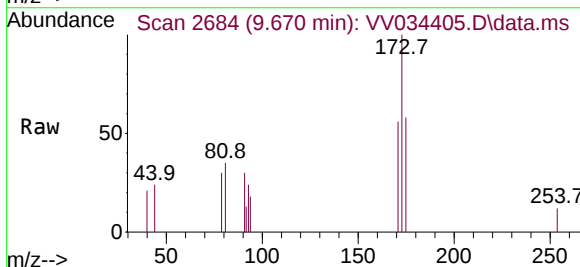
Instrument :
MSVOA_V
ClientSampleId :

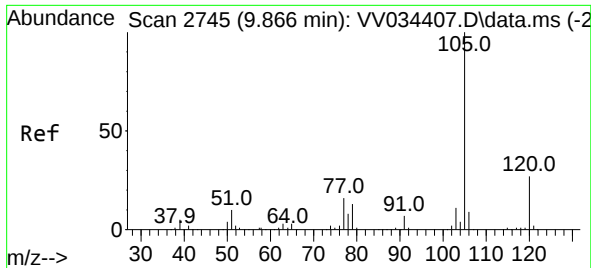
Tgt Ion: 83 Resp: 3957
Ion Ratio Lower Upper
83 100
85 59.1 46.7 86.7
131 18.0 8.6 12.8#



#59
Bromoform
Concen: 0.415 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 173 Resp: 1599
Ion Ratio Lower Upper
173 100
175 49.6 38.9 58.3
254 4.4 7.8 11.6#

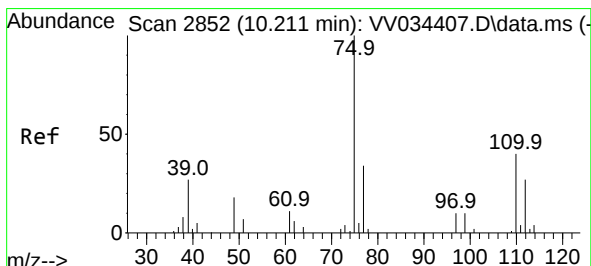
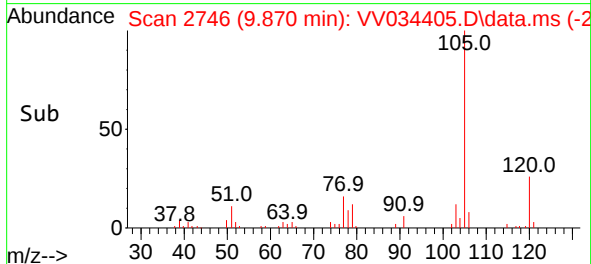
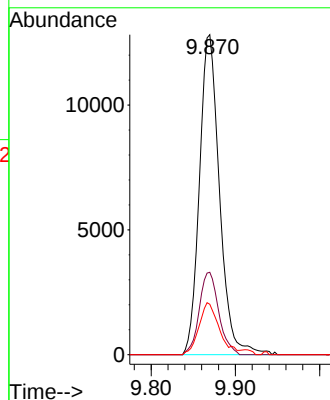
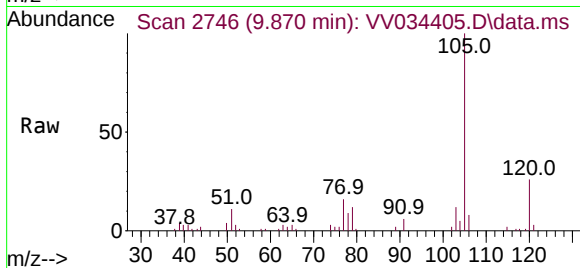




#60
Isopropylbenzene
Concen: 0.421 ug/L
RT: 9.870 min Scan# 21278
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

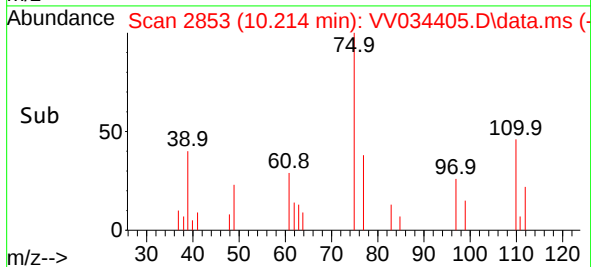
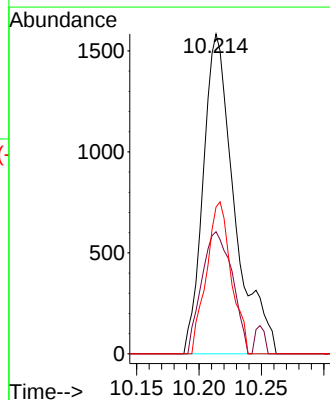
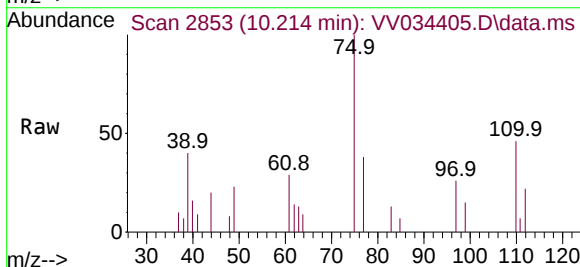
Instrument :
MSVOA_V
ClientSampleId :

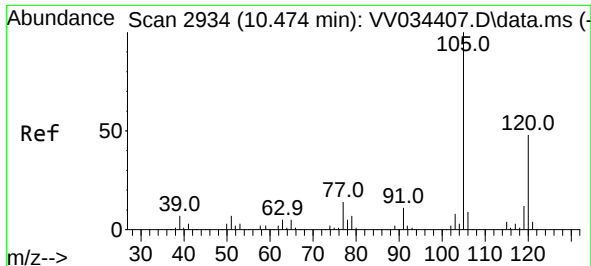
Tgt Ion:105 Resp: 21278
Ion Ratio Lower Upper
105 100
120 25.0 21.3 31.9
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 0.549 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 75 Resp: 2762
Ion Ratio Lower Upper
75 100
77 37.4 27.7 41.5
110 37.5 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 0.432 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

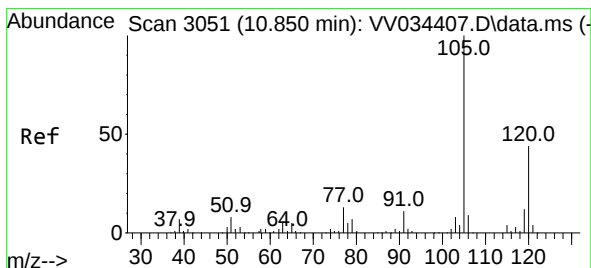
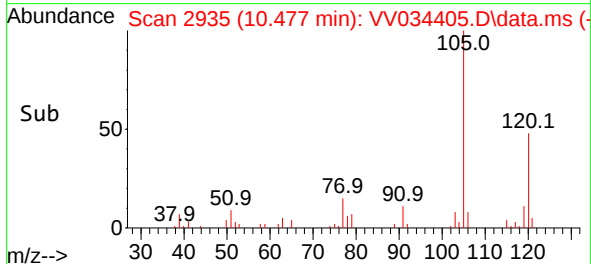
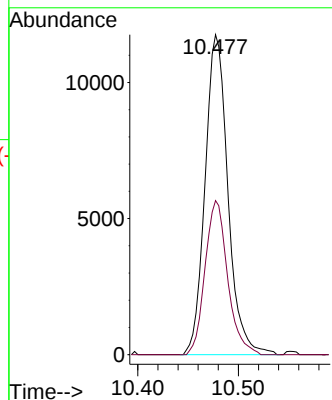
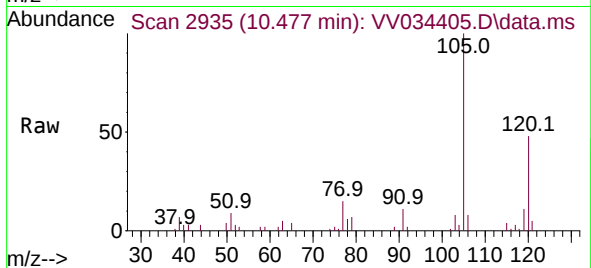
ClientSampleId :

Tgt Ion:105 Resp: 18578

Ion Ratio Lower Upper

105 100

120 47.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.448 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034405.D

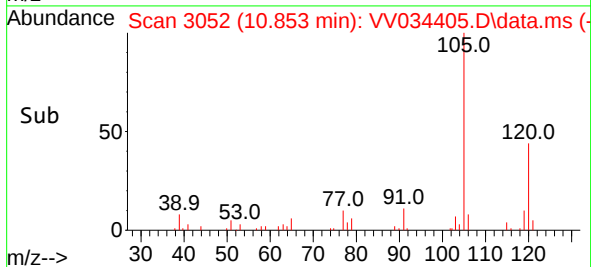
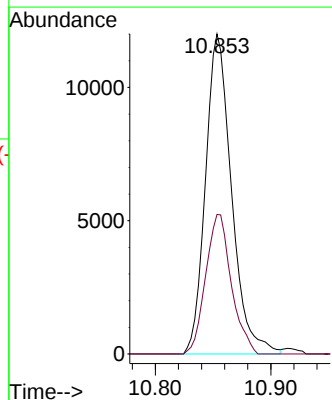
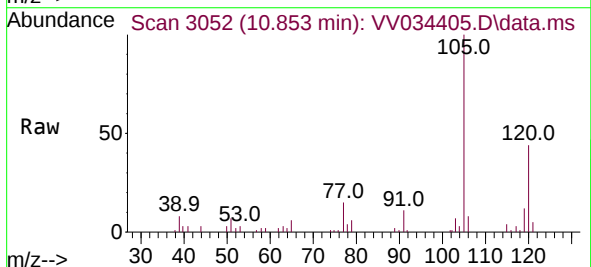
Acq: 26 Feb 2024 12:23

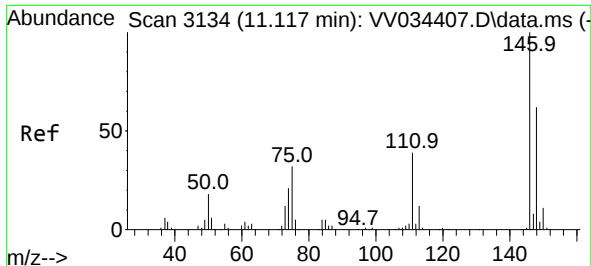
Tgt Ion:105 Resp: 18819

Ion Ratio Lower Upper

105 100

120 42.9 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 0.458 ug/L

RT: 11.123 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

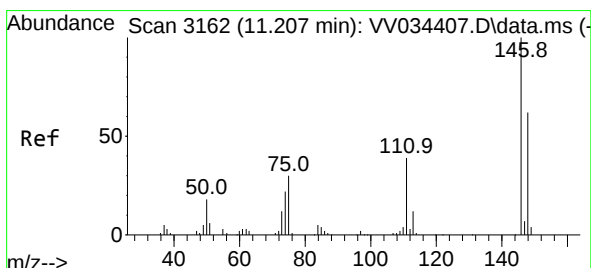
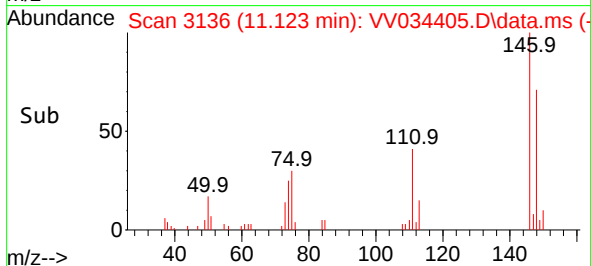
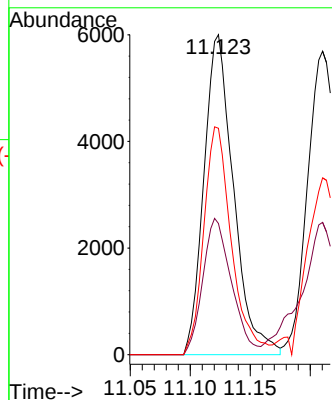
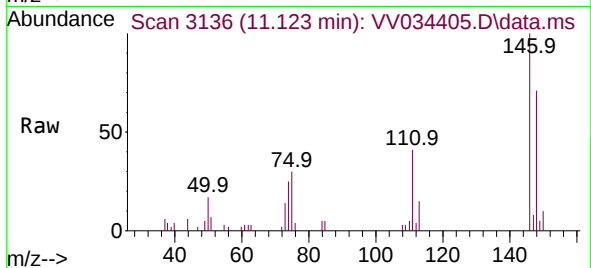
Tgt Ion:146 Resp: 10309

Ion Ratio Lower Upper

146 100

111 41.0 27.0 50.2

148 70.8 43.1 80.1



#65

1,4-Dichlorobenzene

Concen: 0.466 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

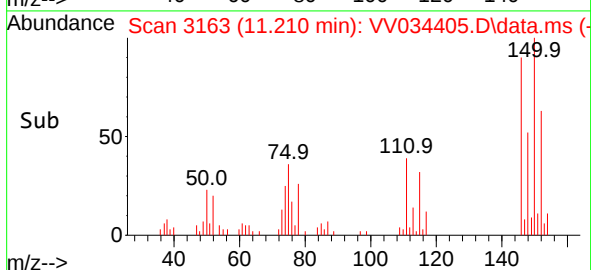
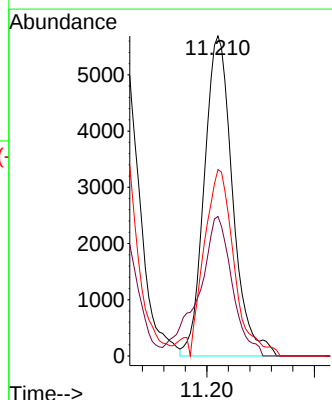
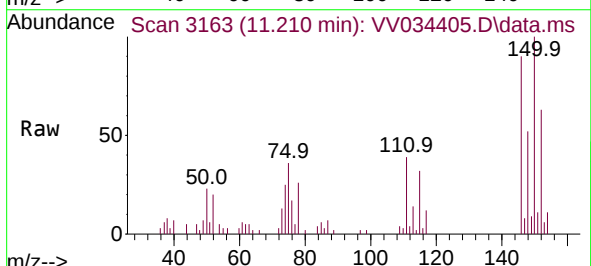
Tgt Ion:146 Resp: 10400

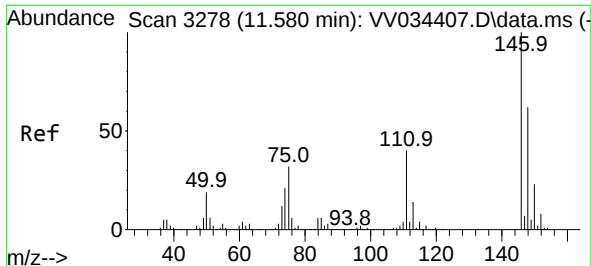
Ion Ratio Lower Upper

146 100

111 43.6 27.2 50.6

148 58.3 43.5 80.9

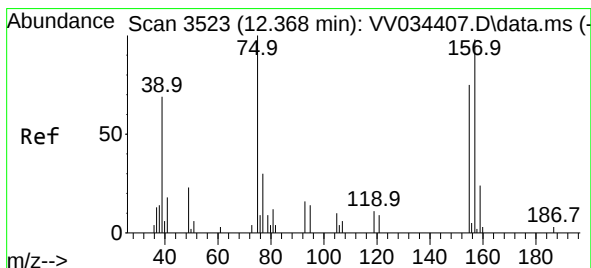
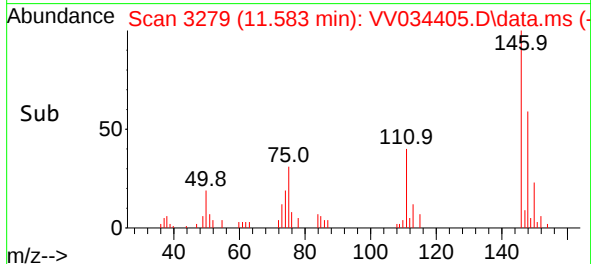
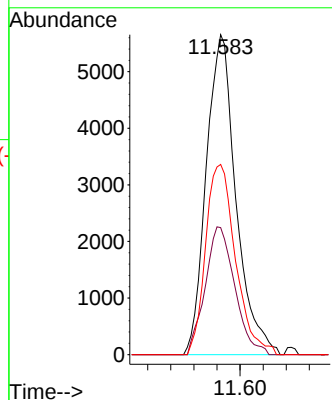
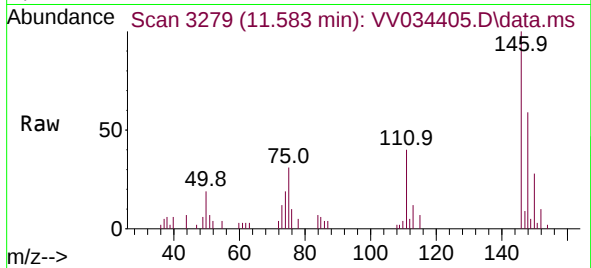




#67
1,2-Dichlorobenzene
Concen: 0.517 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

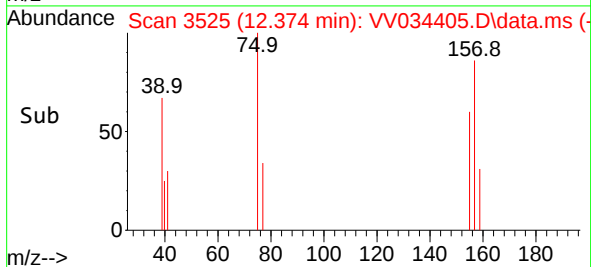
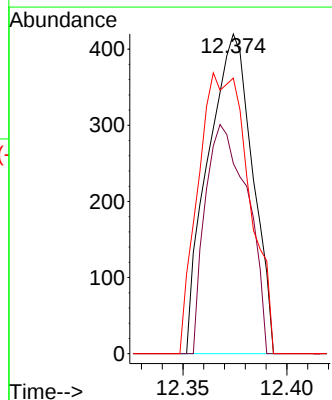
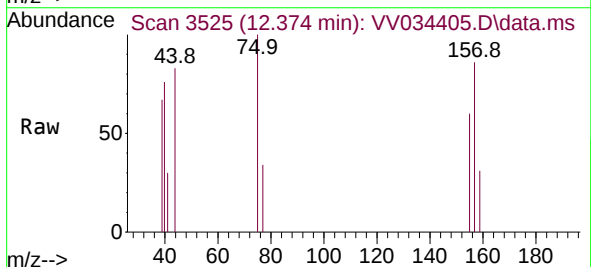
Instrument :
MSVOA_V
ClientSampleId :

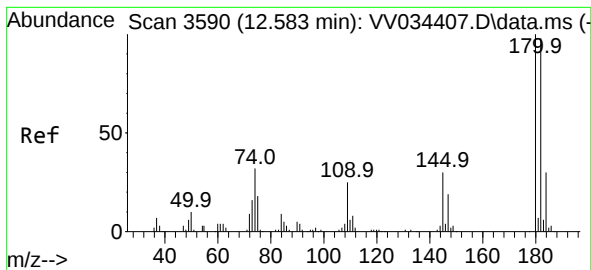
Tgt Ion:146 Resp: 10104
Ion Ratio Lower Upper
146 100
111 39.7 32.2 48.4
148 59.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.573 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.006 min
Lab File: VV034405.D
Acq: 26 Feb 2024 12:23

Tgt Ion: 75 Resp: 625
Ion Ratio Lower Upper
75 100
155 59.5 60.0 90.0#
157 86.2 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 0.472 ug/L

RT: 12.583 min Scan# 31

Delta R.T. -0.000 min

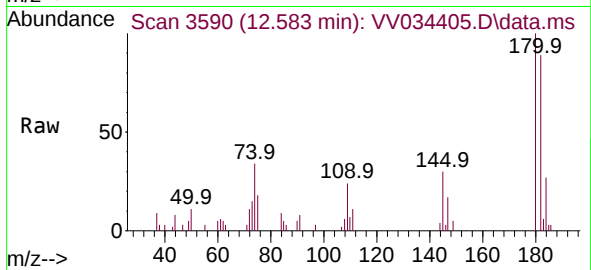
Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8153

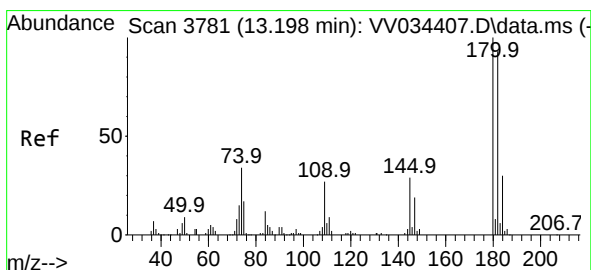
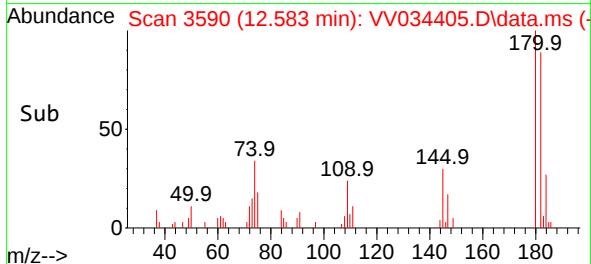
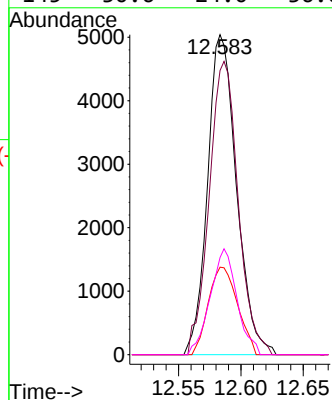
Ion Ratio Lower Upper

180 100

182 91.6 77.8 116.6

184 27.7 23.8 35.8

145 30.6 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.472 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

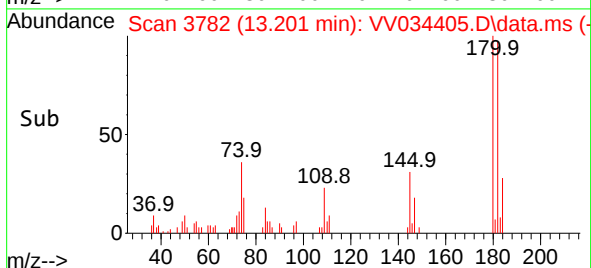
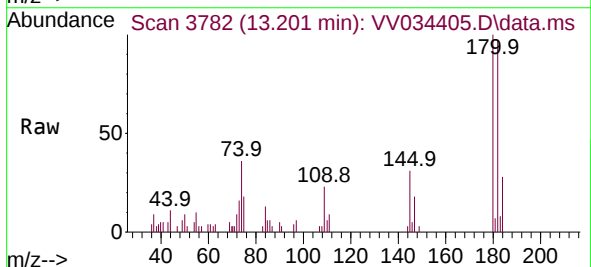
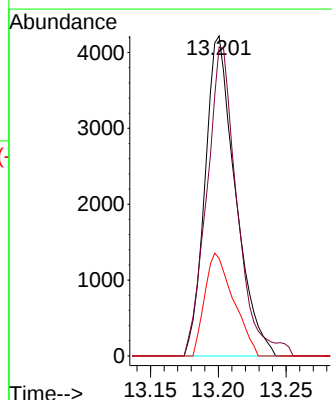
Tgt Ion:180 Resp: 6569

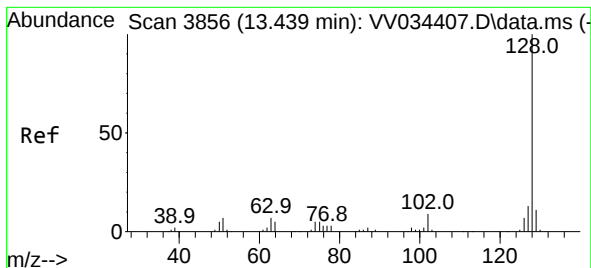
Ion Ratio Lower Upper

180 100

182 96.8 75.3 112.9

145 30.2 23.6 35.4





#71

Naphthalene

Concen: 0.545 ug/L

RT: 13.445 min Scan# 3856

Delta R.T. 0.006 min

Lab File: VV034405.D

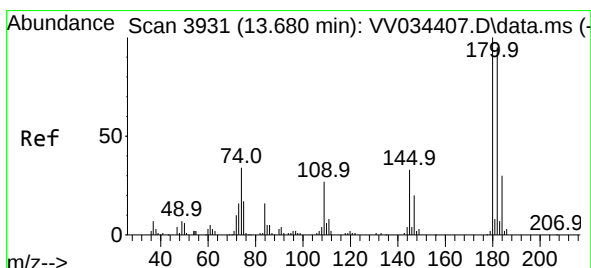
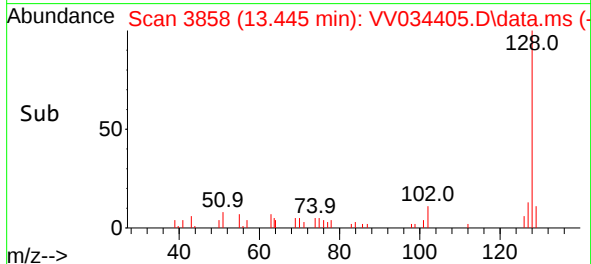
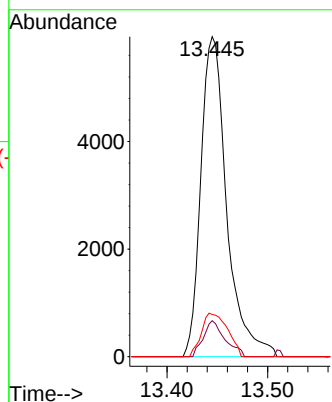
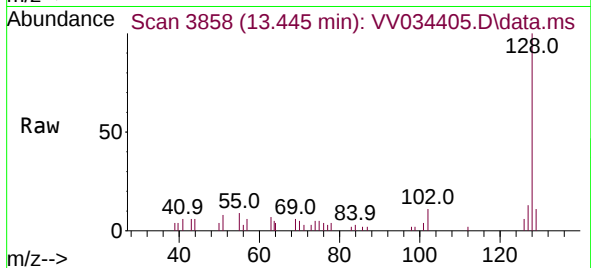
Acq: 26 Feb 2024 12:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	10624
Ion Ratio	Lower	Upper
128	100	
129	9.4	8.4 12.6
127	13.7	10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.524 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034405.D

Acq: 26 Feb 2024 12:23

Tgt Ion:180	Resp:	5916
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.1 114.1
145	27.5	25.8 38.6

