

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034306.D
 Acq On : 21 Feb 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:14:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	24599	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.536	69	23010	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.060	65	12439	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.838	46	15010	14.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	29.260%#
24) Chloroform-d	4.249	84	53817	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.947	65	24704	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.960	84	96774	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.989	67	25898	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.243	98	87011	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	8692	3.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.030	63	32281	39.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15501	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	29691	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30829	4.265	ug/L	98
3) Chloromethane	1.217	50	35157	4.458	ug/L	98
5) Vinyl chloride	1.285	62	34882	4.629	ug/L	98
6) Bromomethane	1.491	94	14468	3.646	ug/L	98
8) Chloroethane	1.552	64	24904	4.845	ug/L	91
9) Trichlorofluoromethane	1.716	101	59889	5.515	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31923	5.624	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29693	5.388	ug/L	98
13) Acetone	2.169	43	36308	46.642	ug/L	95
14) Carbon disulfide	2.240	76	85236	4.780	ug/L	99
15) Methyl Acetate	2.391	43	5360	2.909	ug/L #	87
16) Methylene chloride	2.449	84	28278	5.348	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	55384	4.891	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	29629	5.279	ug/L	100
19) 1,1-Dichloroethane	3.111	63	54413	5.276	ug/L	96
21) 2-Butanone	3.915	43	40325	39.200	ug/L #	64
22) cis-1,2-Dichloroethene	3.815	96	29917	4.698	ug/L	98
23) Bromochloromethane	4.156	128	11468	5.180	ug/L	91
25) Chloroform	4.275	83	56596	5.428	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034306.D
 Acq On : 21 Feb 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

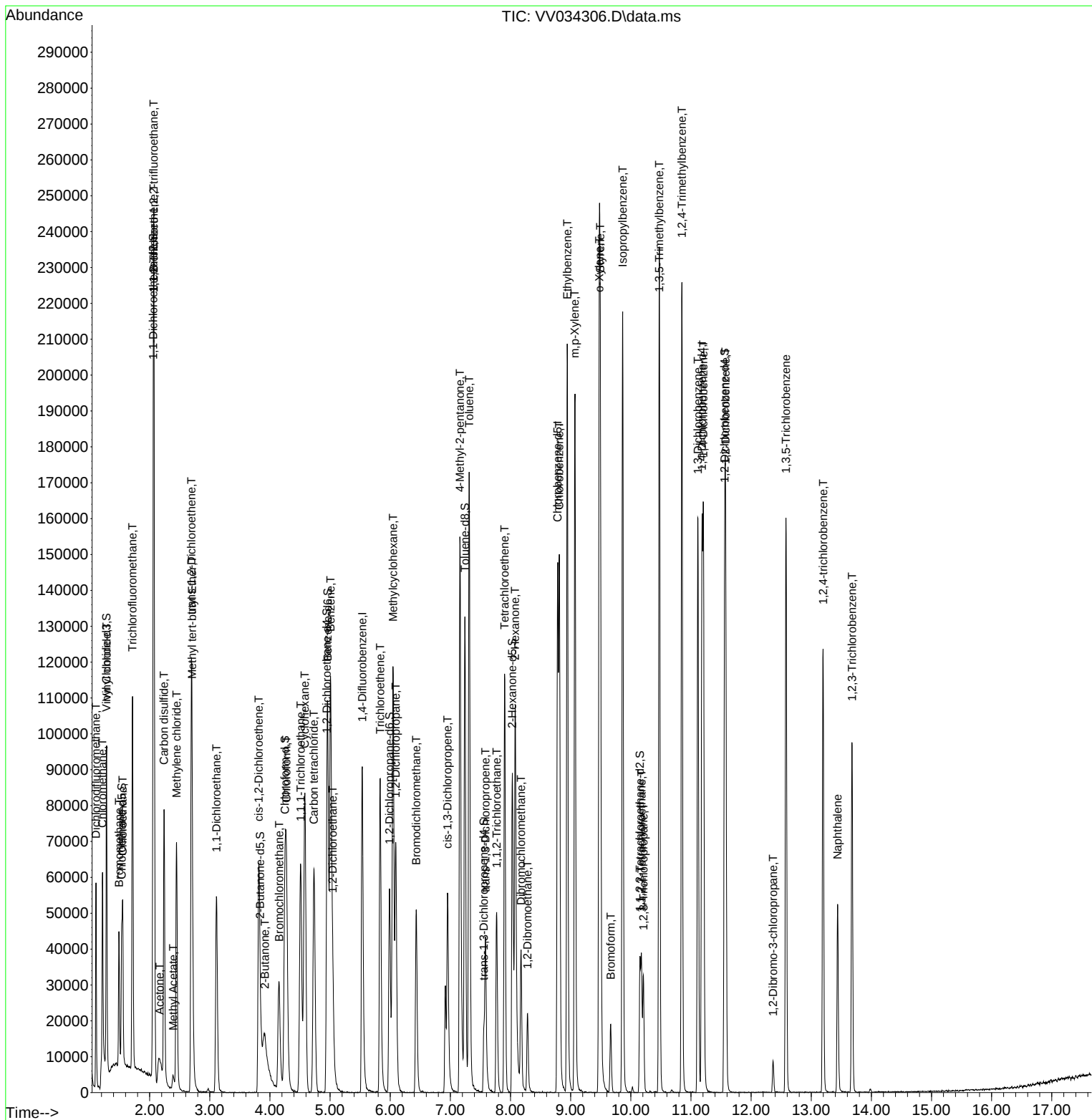
Instrument :
 MSVOA_V
 ClientSampleId :

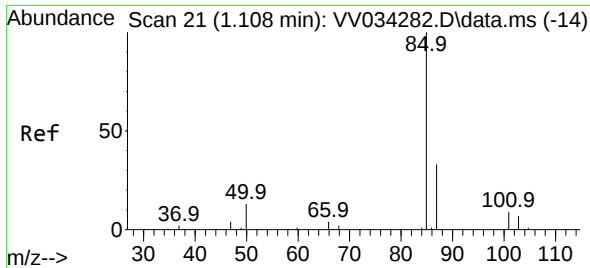
Quant Time: Feb 22 00:14:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31317	5.246	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	53072	5.514	ug/L	98
30) Cyclohexane	4.580	56	46442	4.962	ug/L	97
31) Carbon tetrachloride	4.732	117	47922	5.691	ug/L	100
33) Benzene	5.008	78	112500	5.232	ug/L	100
34) Trichloroethene	5.834	95	30234	4.859	ug/L	96
35) Methylcyclohexane	6.047	83	49682	5.086	ug/L	97
37) 1,2-Dichloropropane	6.092	63	24795	4.761	ug/L #	97
38) Bromodichloromethane	6.432	83	35063	5.129	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	34074	4.300	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	113194	45.386	ug/L	96
42) Toluene	7.313	91	125275	5.451	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	25601	4.207	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	15626	4.859	ug/L	97
47) Tetrachloroethene	7.902	164	25366	5.017	ug/L	93
48) 2-Hexanone	8.079	43	78563	44.688	ug/L	96
49) Dibromochloromethane	8.175	129	18742	4.904	ug/L	96
50) 1,2-Dibromoethane	8.281	107	14512	5.027	ug/L #	99
51) Chlorobenzene	8.812	112	78061	5.373	ug/L	99
52) Ethylbenzene	8.944	91	141696	5.357	ug/L	100
53) m,p-Xylene	9.069	106	53376	5.340	ug/L	98
54) o-Xylene	9.477	106	52417	5.438	ug/L	100
55) Styrene	9.493	104	81319	5.269	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16658	4.908	ug/L	97
59) Bromoform	9.667	173	8354	4.117	ug/L	99
60) Isopropylbenzene	9.866	105	137152	5.032	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12254	4.839	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	121569	5.276	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	117214	5.235	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	62467	5.256	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	59877	5.088	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	53848	5.275	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2402	4.526	ug/L	87
69) 1,3,5-Trichlorobenzene	12.580	180	47703	5.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35955	5.008	ug/L	98
71) Naphthalene	13.439	128	41274	4.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	28137	4.891	ug/L	96

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

Quant Time: Feb 22 00:14:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 21 04:37:10 2024
Response via : Initial Calibration

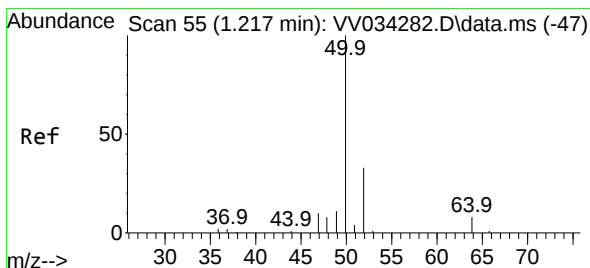
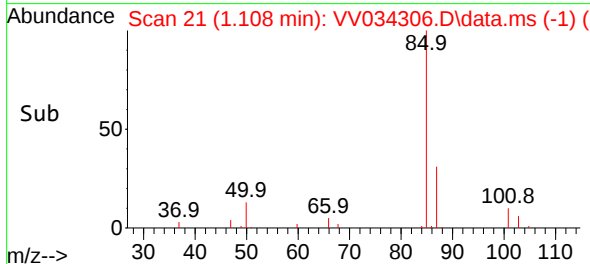
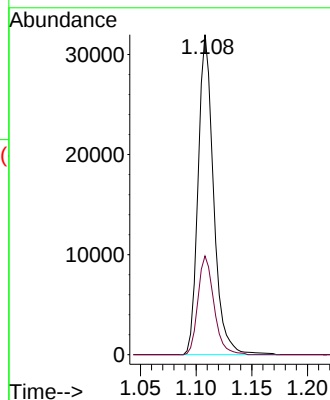
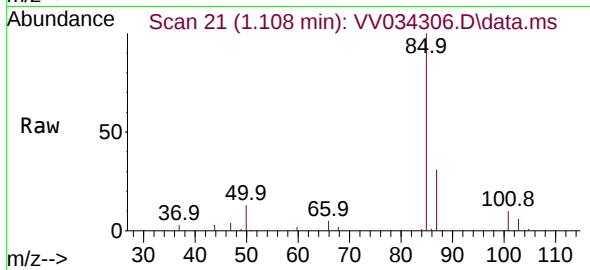




#2
 Dichlorodifluoromethane
 Concen: 4.265 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

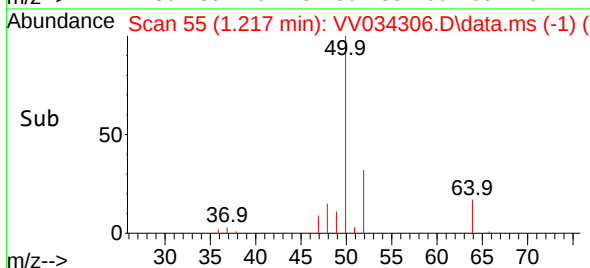
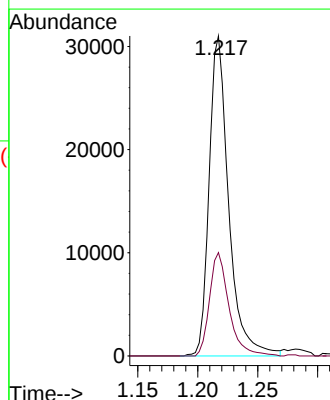
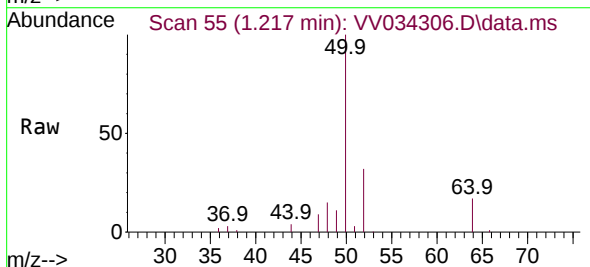
Instrument :
 MSVOA_V
 ClientSampleId :

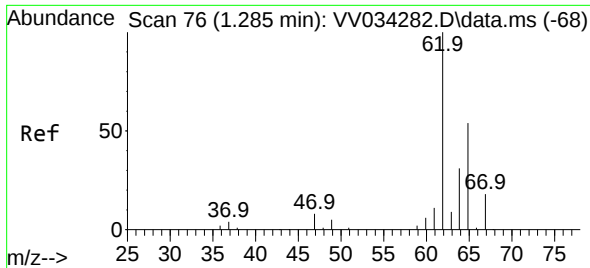
Tgt Ion: 85 Resp: 30829
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.458 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

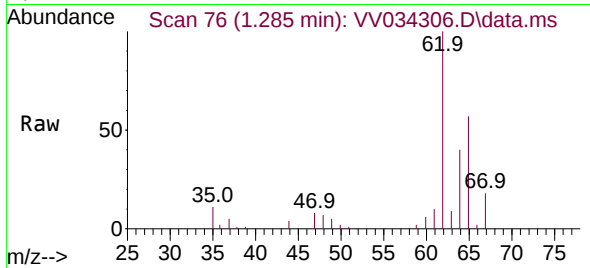
Tgt Ion: 50 Resp: 35157
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4



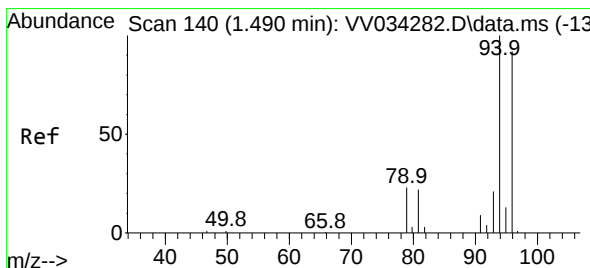
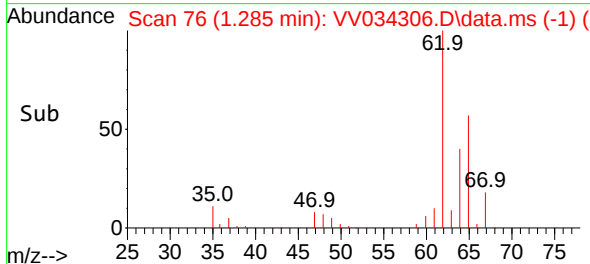
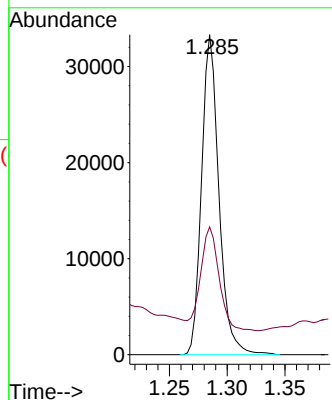


#5
 Vinyl chloride
 Concen: 4.629 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

Instrument :
 MSVOA_V
 ClientSampleId :

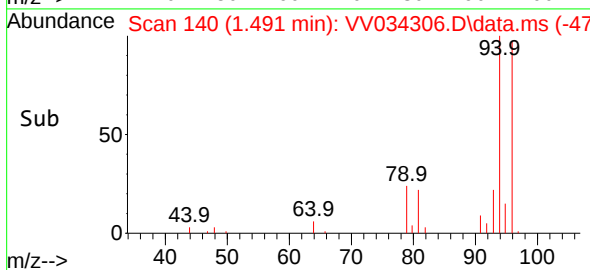
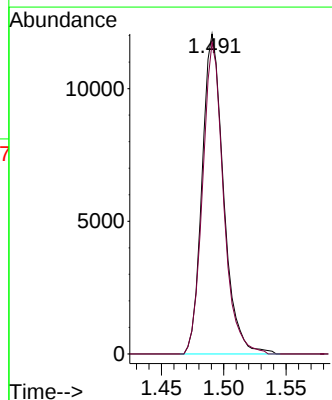
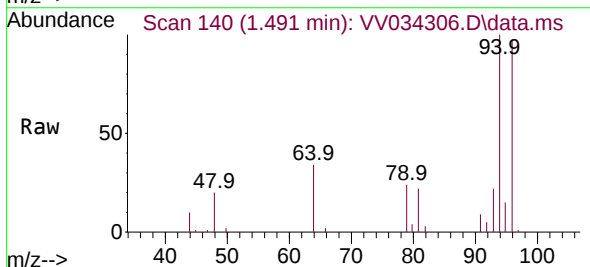


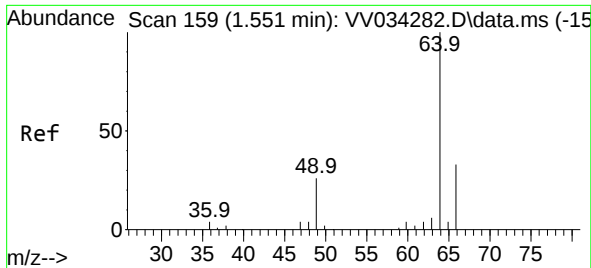
Tgt Ion: 62 Resp: 34882
 Ion Ratio Lower Upper
 62 100
 64 39.9 27.2 50.4



#6
 Bromomethane
 Concen: 3.646 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

Tgt Ion: 94 Resp: 14468
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.6 123.8





#8

Chloroethane

Concen: 4.845 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

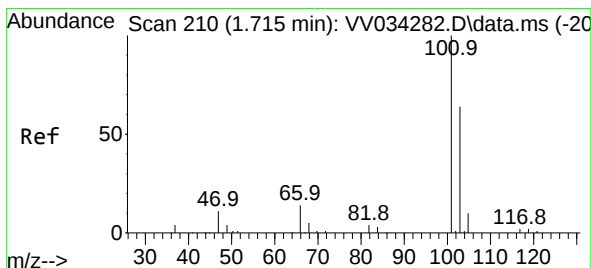
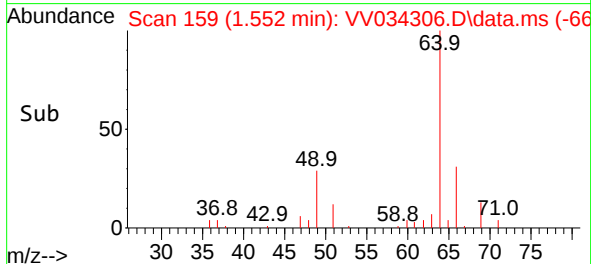
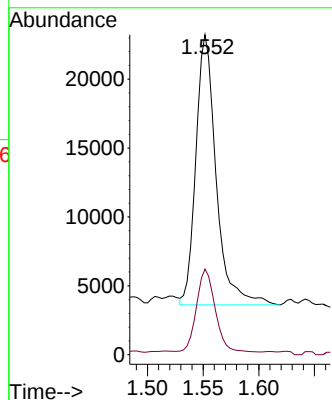
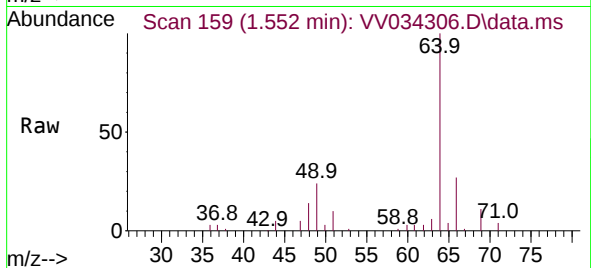
ClientSampleId :

Tgt Ion: 64 Resp: 24904

Ion Ratio Lower Upper

64 100

66 26.7 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.515 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV034306.D

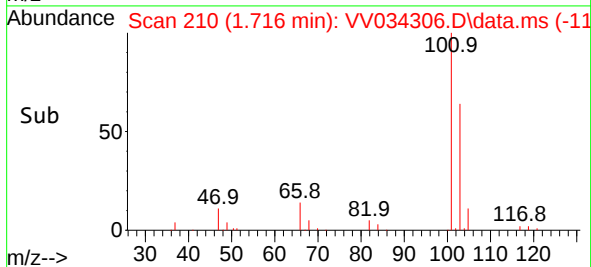
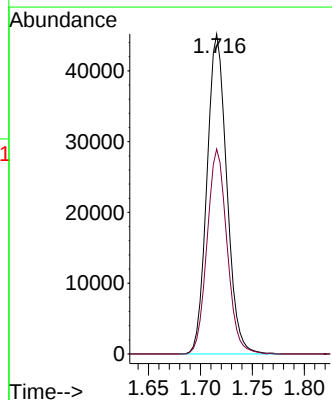
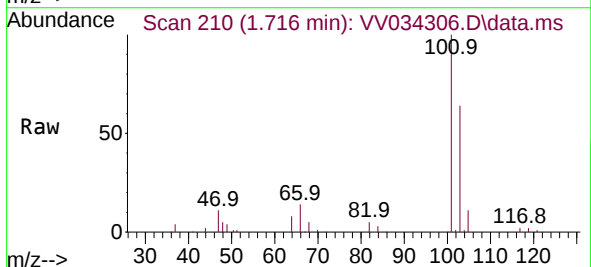
Acq: 21 Feb 2024 09:04

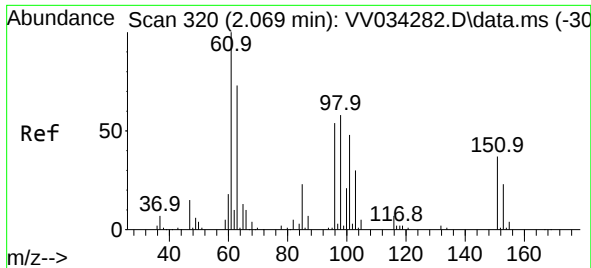
Tgt Ion:101 Resp: 59889

Ion Ratio Lower Upper

101 100

103 64.4 51.0 76.4

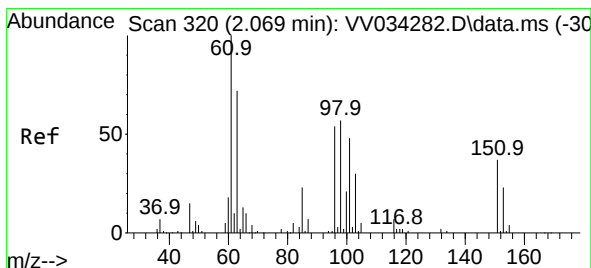
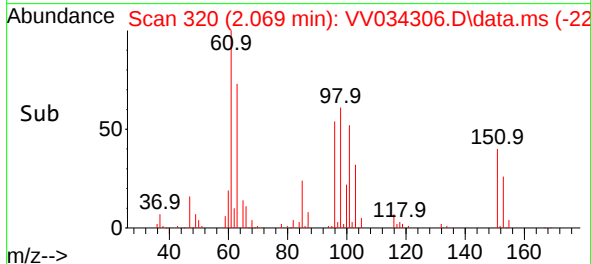
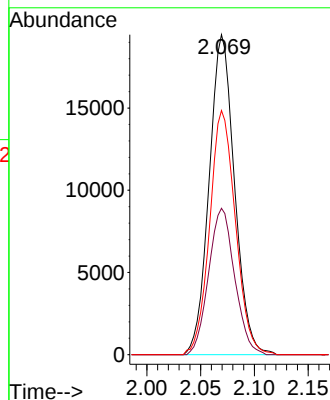
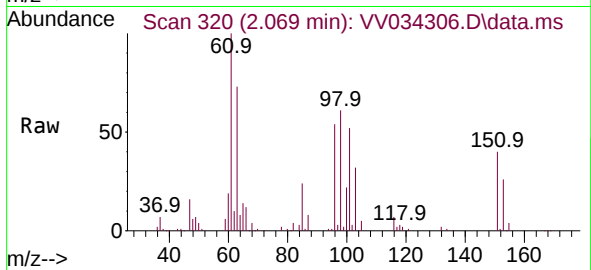




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.624 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

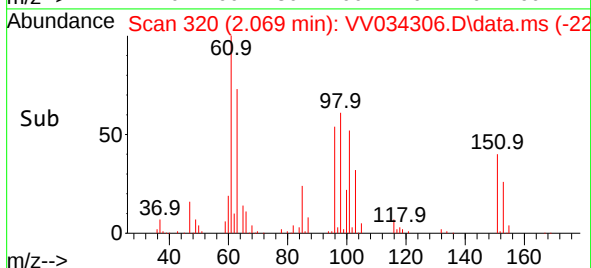
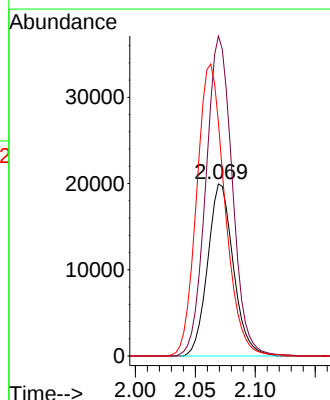
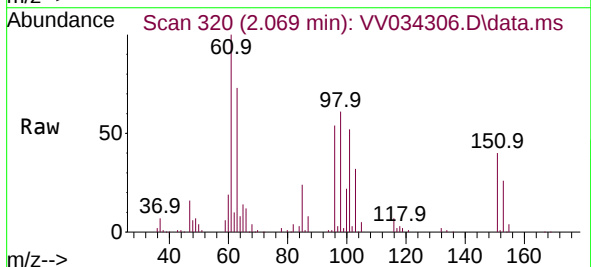
Instrument :
 MSVOA_V
 ClientSampleId :

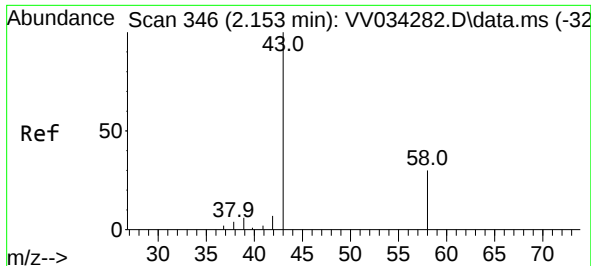
Tgt Ion:101 Resp: 31923
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.1 55.7
 151 77.6 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.388 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

Tgt Ion: 96 Resp: 29693
 Ion Ratio Lower Upper
 96 100
 61 186.1 128.8 239.2
 63 135.8 97.9 181.9





#13

Acetone

Concen: 46.642 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

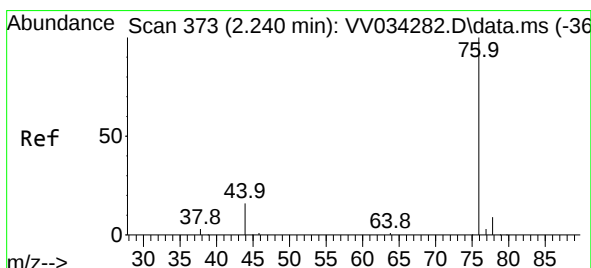
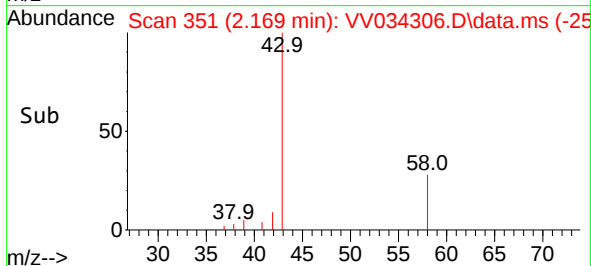
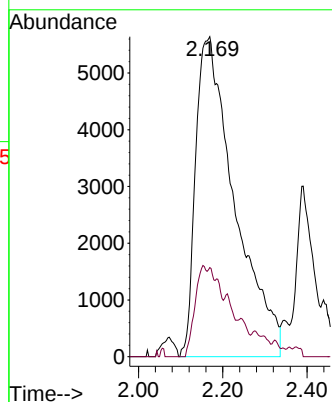
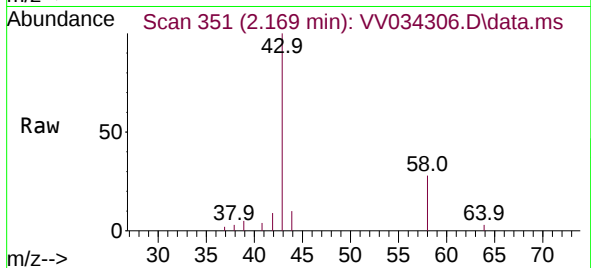
ClientSampleId :

Tgt Ion: 43 Resp: 36308

Ion Ratio Lower Upper

43 100

58 8.7 0.0 13.8



#14

Carbon disulfide

Concen: 4.780 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034306.D

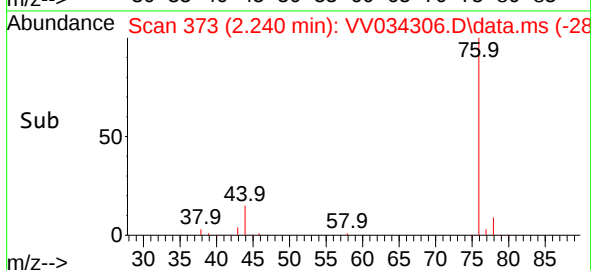
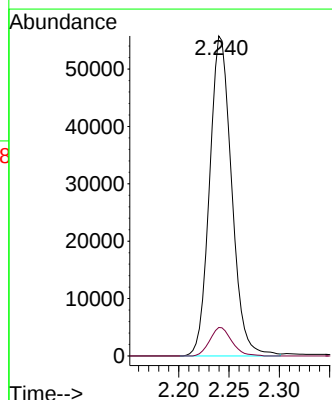
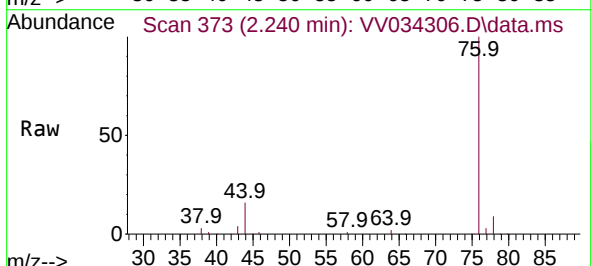
Acq: 21 Feb 2024 09:04

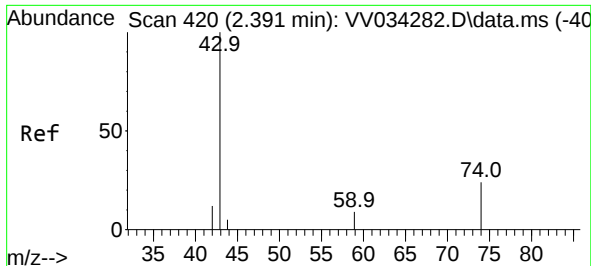
Tgt Ion: 76 Resp: 85236

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

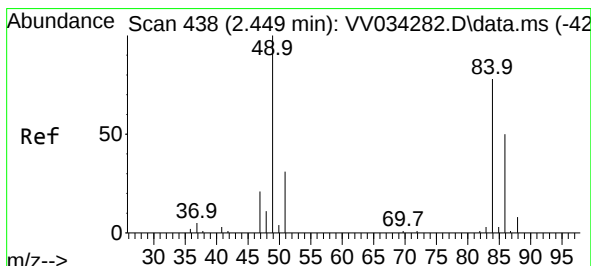
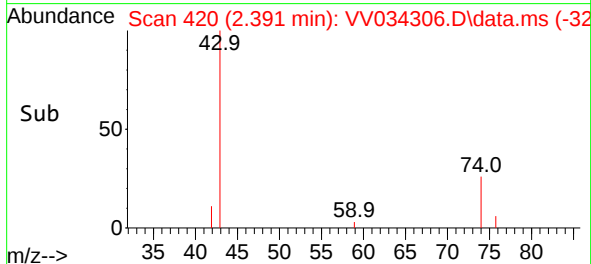
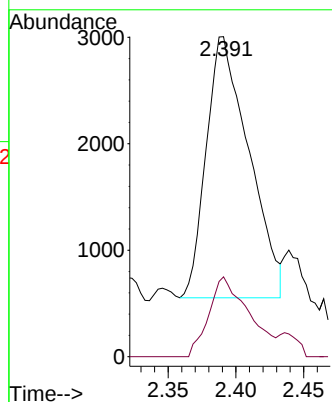
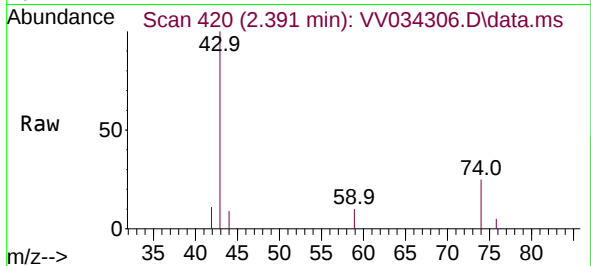




#15
Methyl Acetate
Concen: 2.909 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

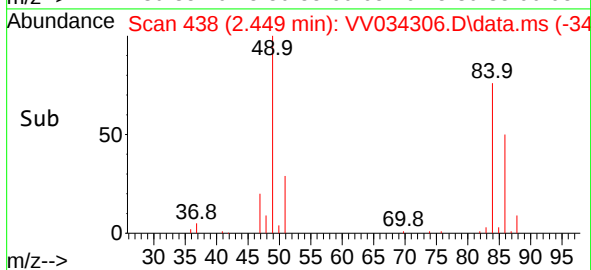
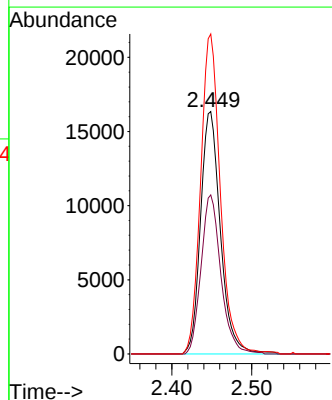
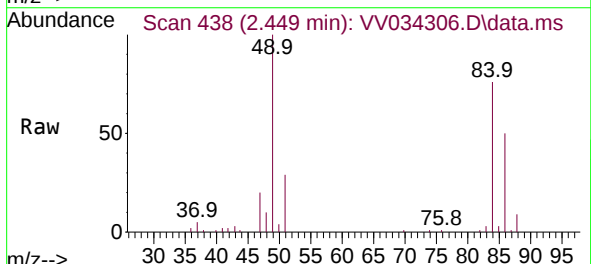
Instrument :
MSVOA_V
ClientSampleId :

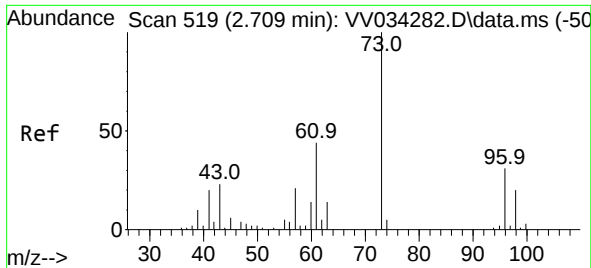
Tgt Ion: 43 Resp: 5360
Ion Ratio Lower Upper
43 100
74 28.8 18.2 27.4#



#16
Methylene chloride
Concen: 5.348 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

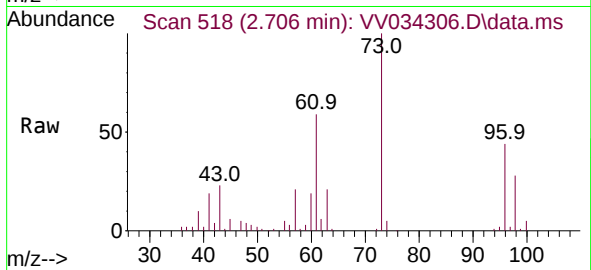
Tgt Ion: 84 Resp: 28278
Ion Ratio Lower Upper
84 100
86 65.6 44.7 83.1
49 132.1 93.7 173.9



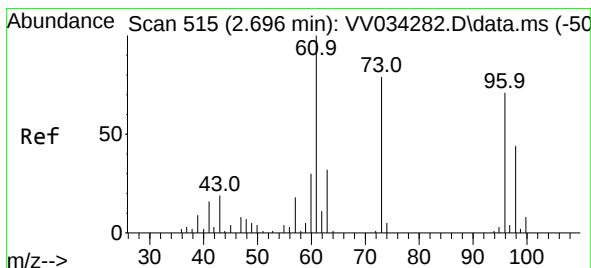
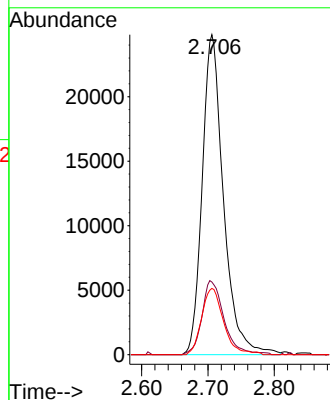
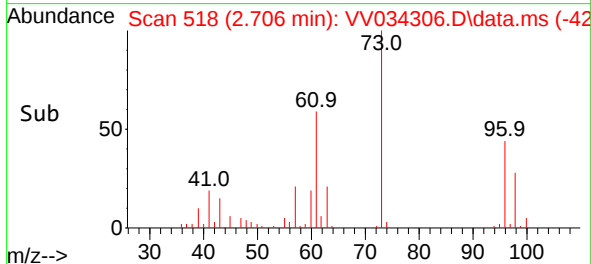


#17
Methyl tert-butyl Ether
Concen: 4.891 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Instrument :
MSVOA_V
ClientSampleId :

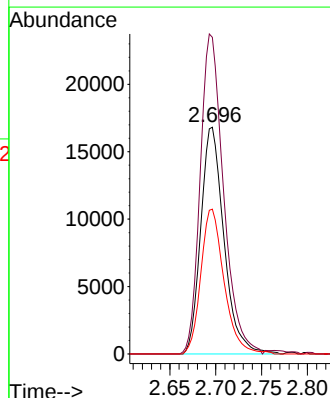
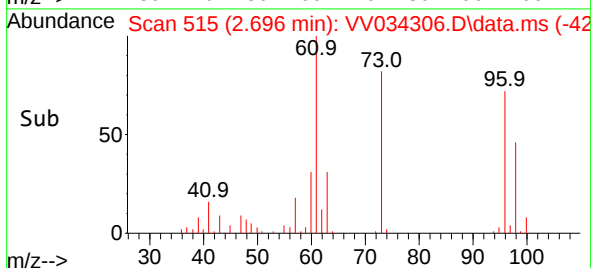
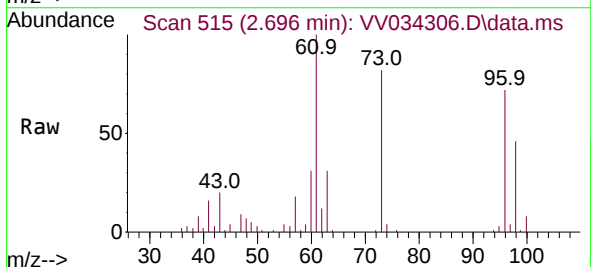


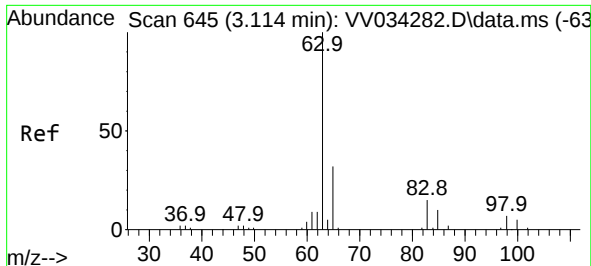
Tgt Ion: 73 Resp: 55384
Ion Ratio Lower Upper
73 100
43 24.0 17.7 26.5
57 21.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.279 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 96 Resp: 29629
Ion Ratio Lower Upper
96 100
61 139.7 97.6 181.4
98 63.9 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.276 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

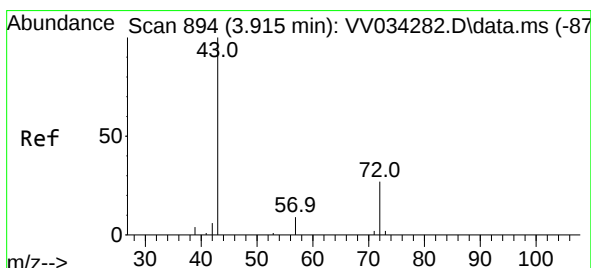
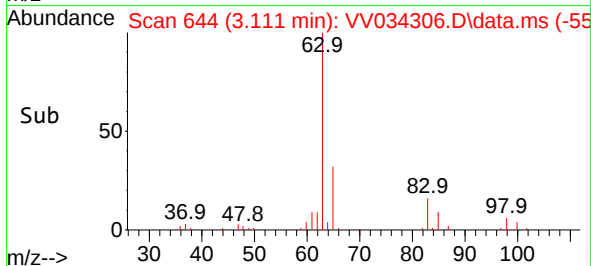
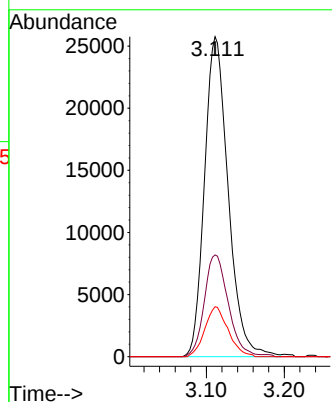
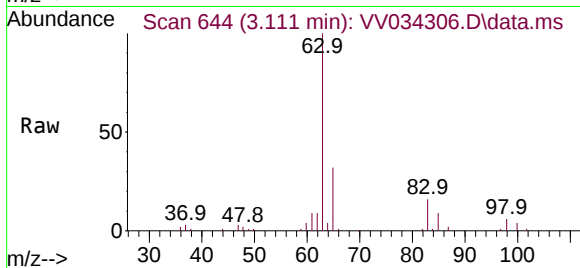
Tgt Ion: 63 Resp: 54413

Ion Ratio Lower Upper

63 100

65 31.8 20.8 38.6

83 15.6 9.4 17.4



#21

2-Butanone

Concen: 39.200 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV034306.D

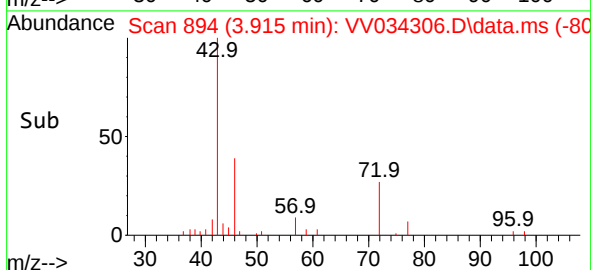
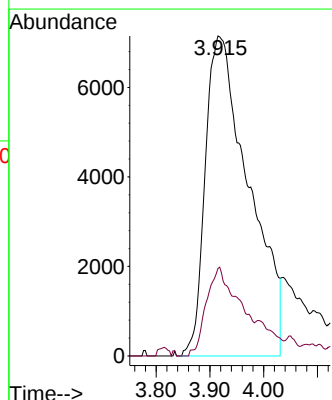
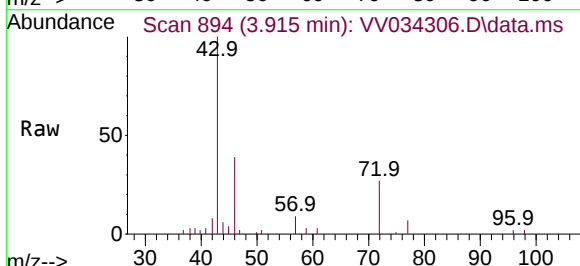
Acq: 21 Feb 2024 09:04

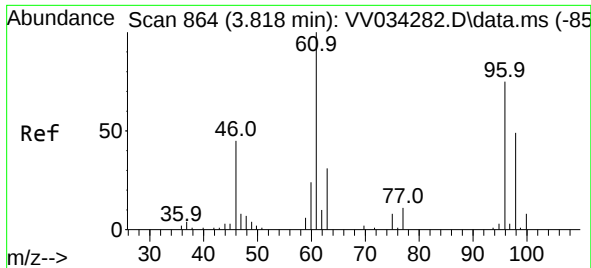
Tgt Ion: 43 Resp: 40325

Ion Ratio Lower Upper

43 100

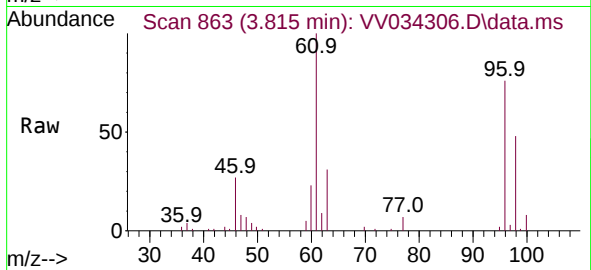
72 20.7 4.0 11.9#



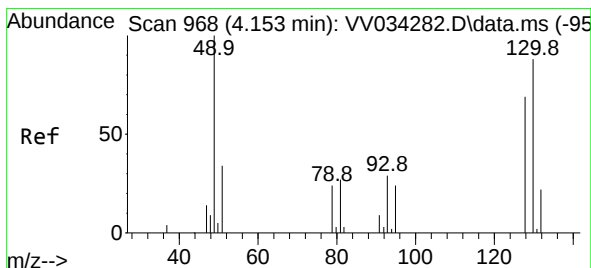
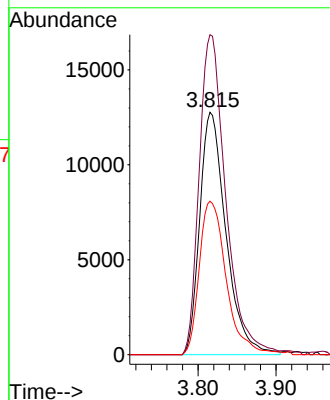
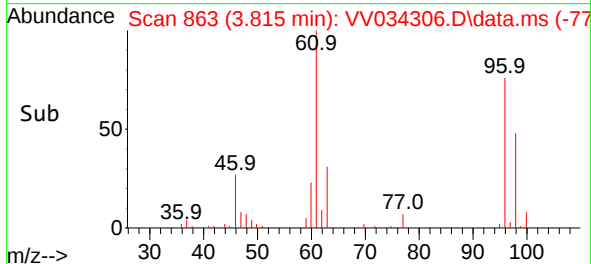


#22
 cis-1,2-Dichloroethene
 Concen: 4.698 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

Instrument :
 MSVOA_V
 ClientSampleId :

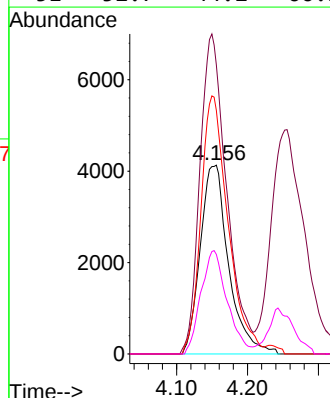
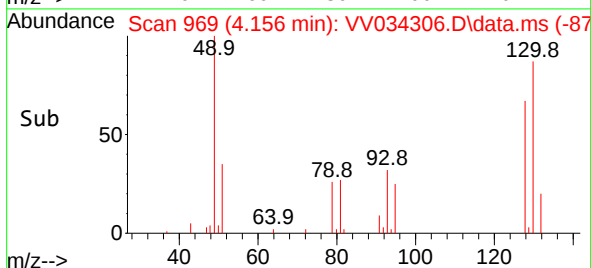
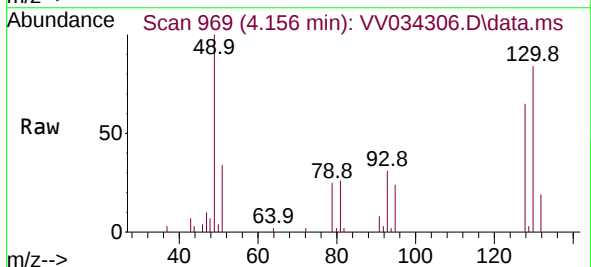


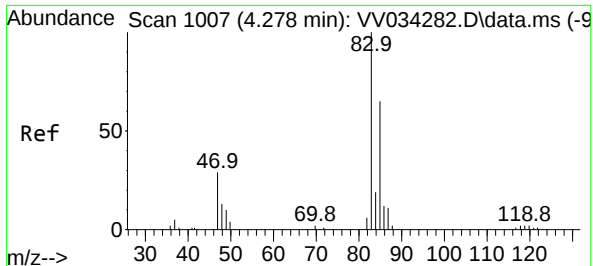
Tgt Ion:	96	Resp:	29917
Ion	Ratio	Lower	Upper
96	100		
61	132.0	90.3	167.7
98	63.3	43.2	80.2



#23
 Bromochloromethane
 Concen: 5.180 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.003 min
 Lab File: VV034306.D
 Acq: 21 Feb 2024 09:04

Tgt Ion:	128	Resp:	11468
Ion	Ratio	Lower	Upper
128	100		
49	153.0	120.5	223.7
130	128.9	93.4	173.4
51	52.7	44.2	66.2





#25

Chloroform

Concen: 5.428 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

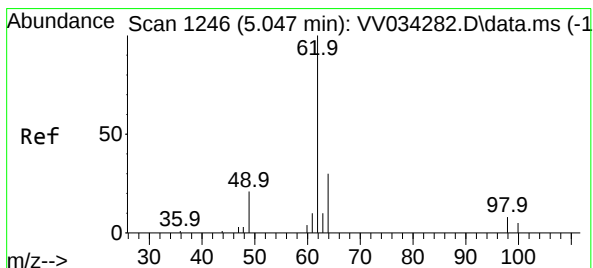
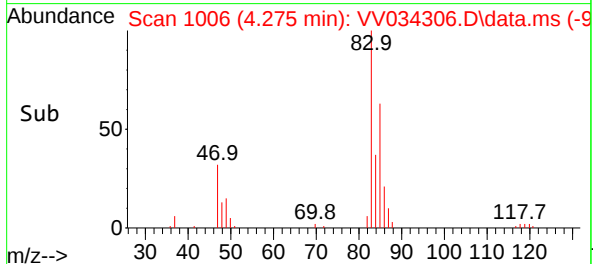
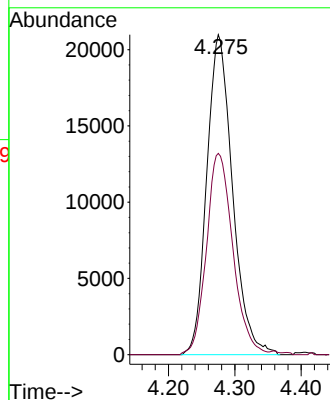
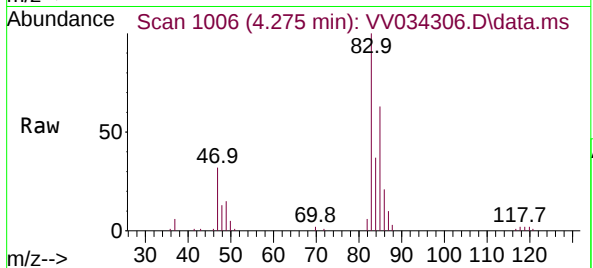
ClientSampleId :

Tgt Ion: 83 Resp: 56596

Ion Ratio Lower Upper

83 100

85 62.9 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.246 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV034306.D

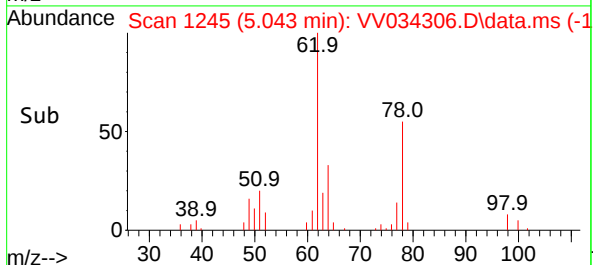
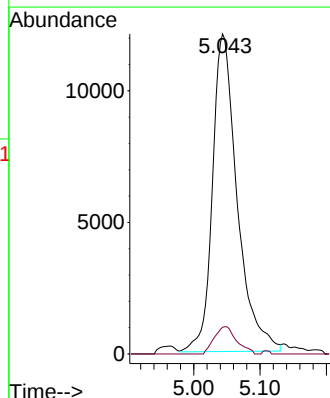
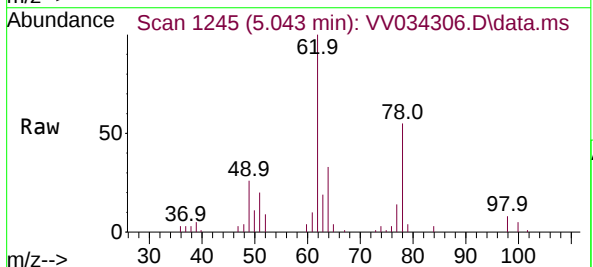
Acq: 21 Feb 2024 09:04

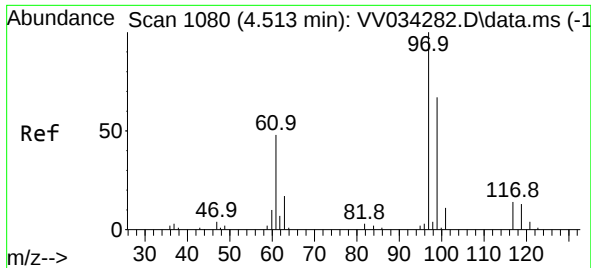
Tgt Ion: 62 Resp: 31317

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.514 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

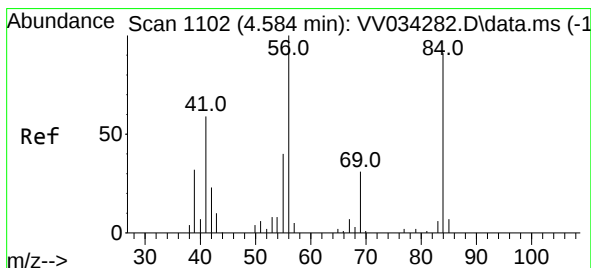
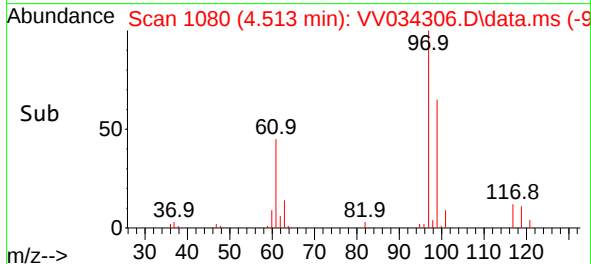
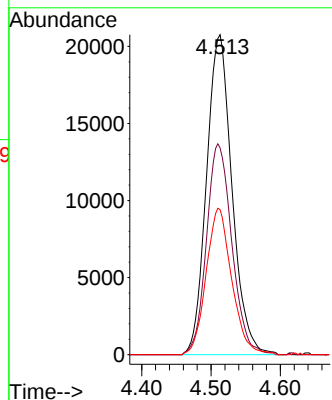
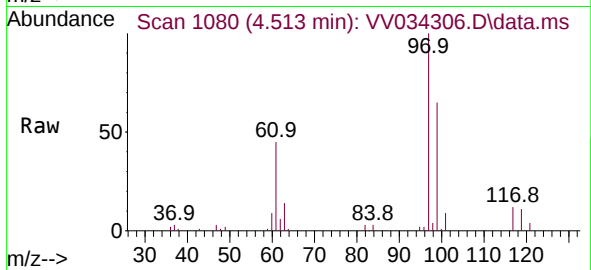
Tgt Ion: 97 Resp: 53072

Ion Ratio Lower Upper

97 100

99 65.7 50.6 75.8

61 45.9 36.8 55.2



#30

Cyclohexane

Concen: 4.962 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

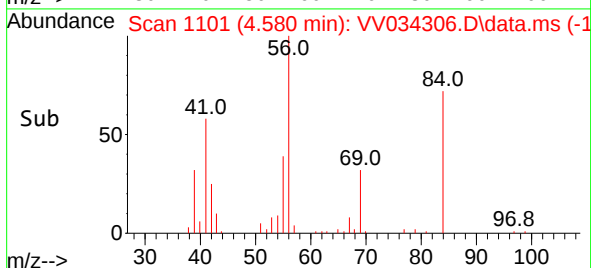
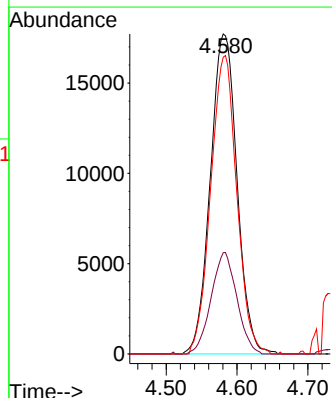
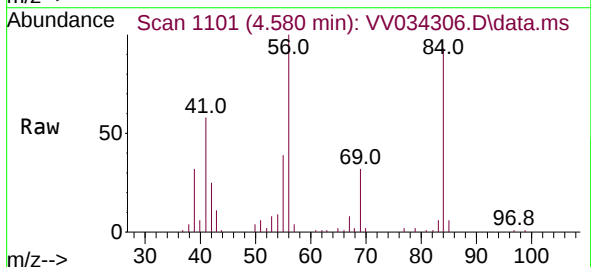
Tgt Ion: 56 Resp: 46442

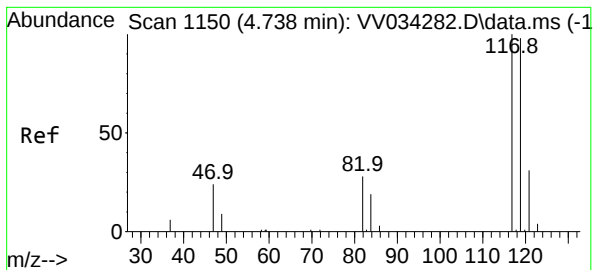
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 90.9 70.0 105.0

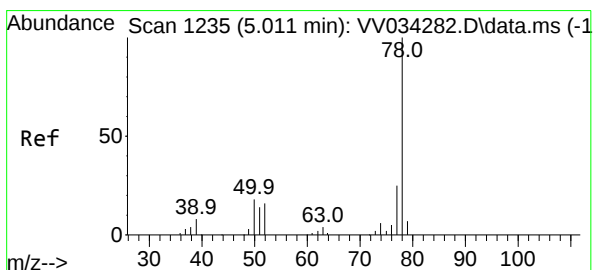
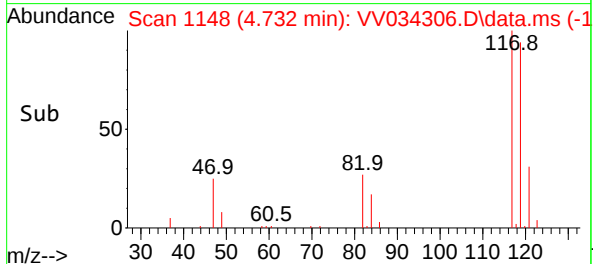
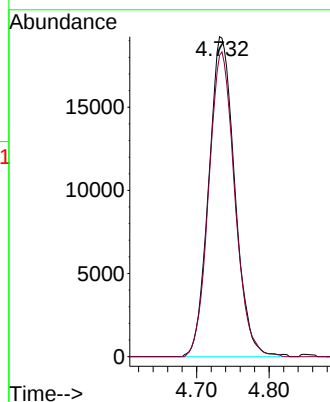
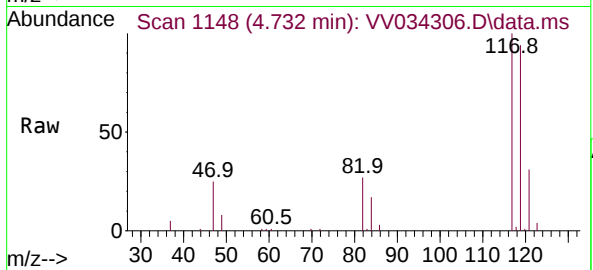




#31
Carbon tetrachloride
Concen: 5.691 ug/L
RT: 4.732 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

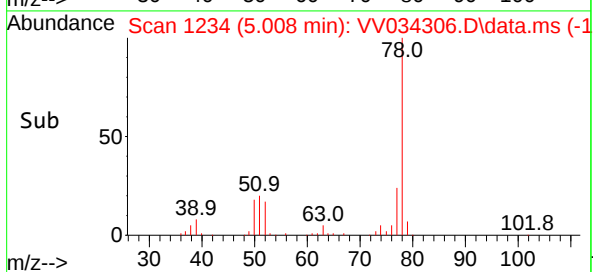
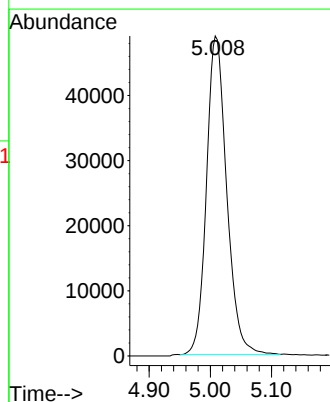
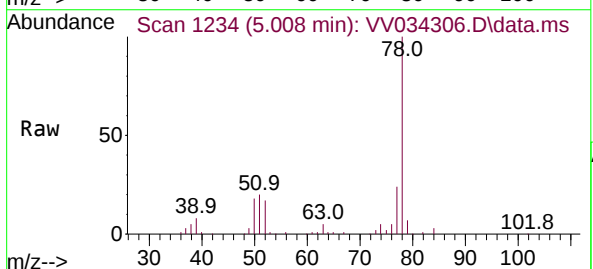
Instrument :
MSVOA_V
ClientSampleId :

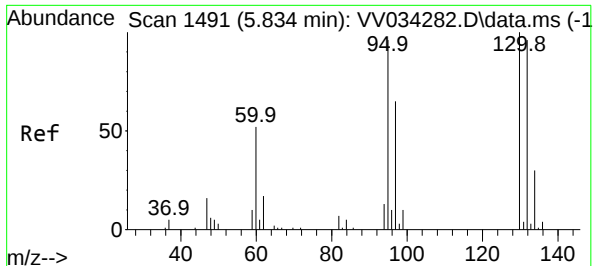
Tgt Ion:117 Resp: 47922
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 5.232 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

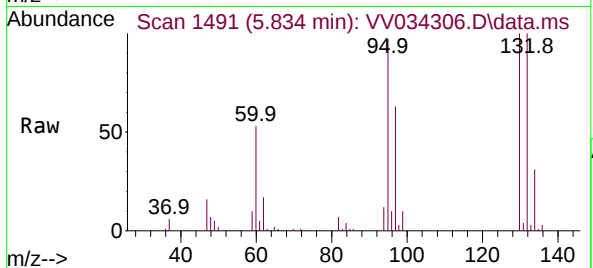
Tgt Ion: 78 Resp: 112500





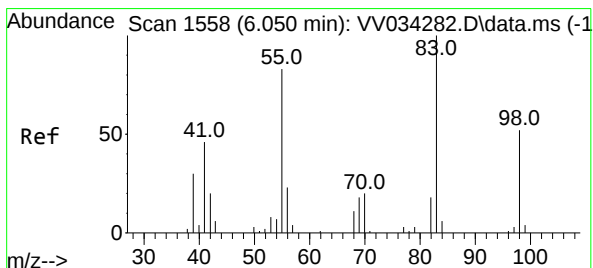
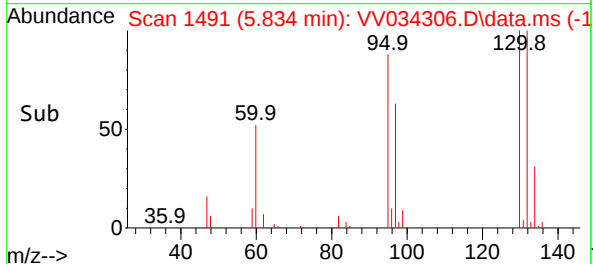
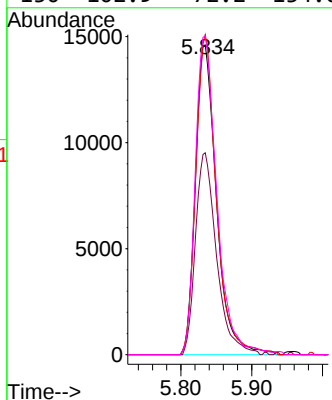
#34
Trichloroethene
Concen: 4.859 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 30234

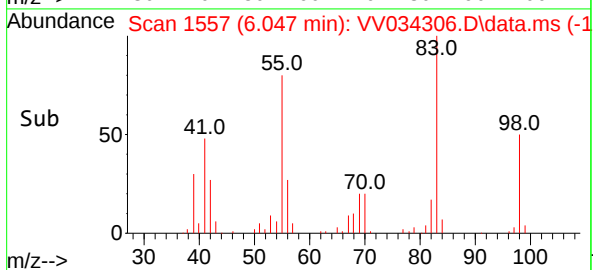
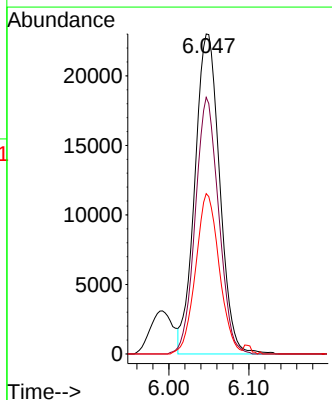
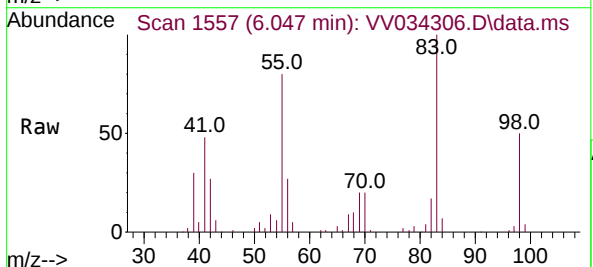
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.1	83.7
132	103.3	66.0	122.6
130	102.9	72.2	134.0

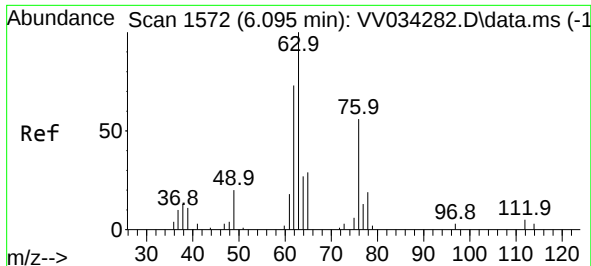


#35
Methylcyclohexane
Concen: 5.086 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 83 Resp: 49682

Ion	Ratio	Lower	Upper
83	100		
55	75.6	63.5	95.3
98	47.7	39.0	58.4

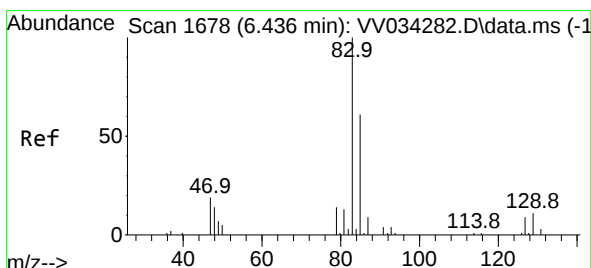
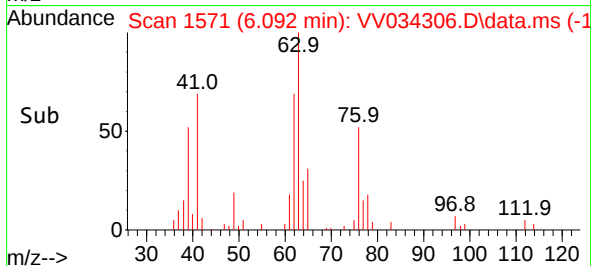
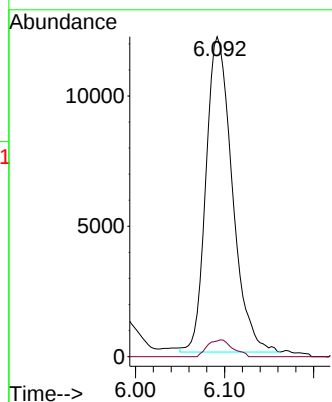
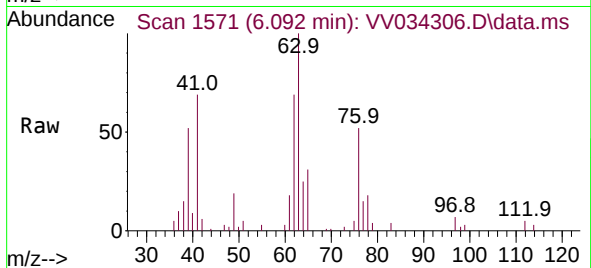




#37
1,2-Dichloropropane
Concen: 4.761 ug/L
RT: 6.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

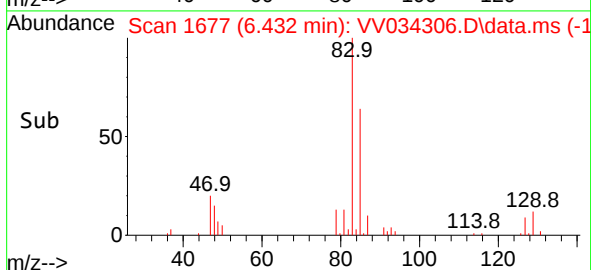
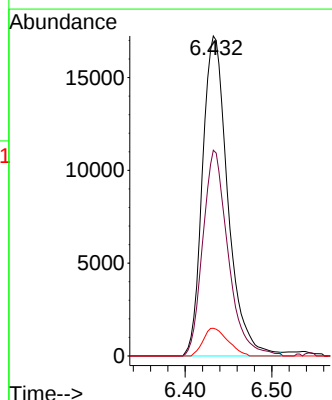
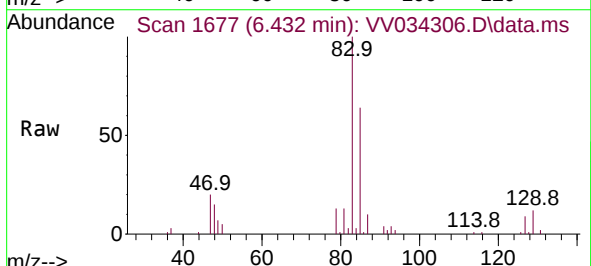
Instrument :
MSVOA_V
ClientSampleId :

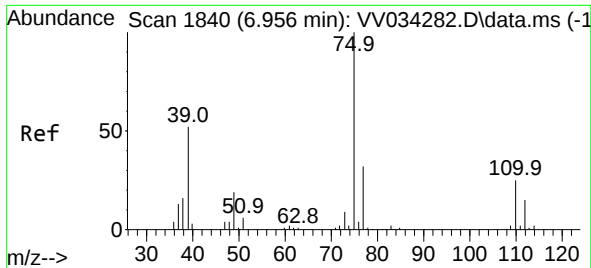
Tgt Ion: 63 Resp: 24795
Ion Ratio Lower Upper
63 100
112 5.1 3.4 5.0#



#38
Bromodichloromethane
Concen: 5.129 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 83 Resp: 35063
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
127 8.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.300 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

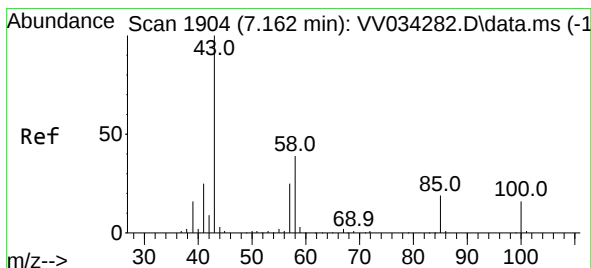
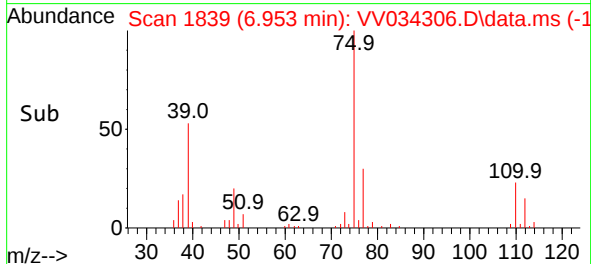
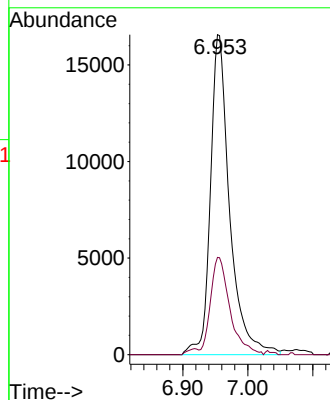
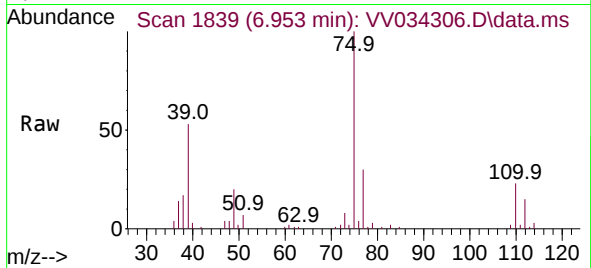
ClientSampleId :

Tgt Ion: 75 Resp: 34074

Ion Ratio Lower Upper

75 100

77 30.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.386 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

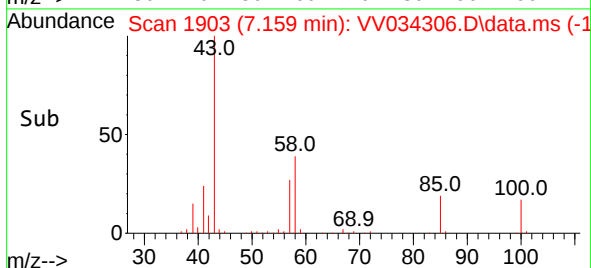
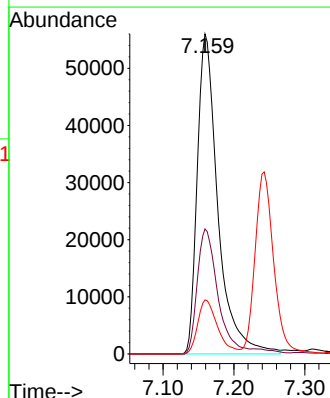
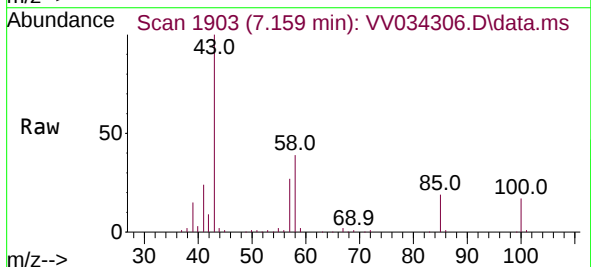
Tgt Ion: 43 Resp: 113194

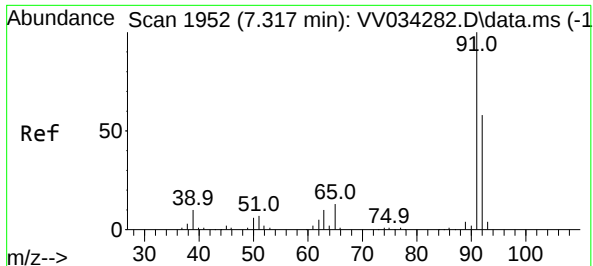
Ion Ratio Lower Upper

43 100

58 40.4 30.2 45.2

100 16.2 12.1 18.1





#42

Toluene

Concen: 5.451 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

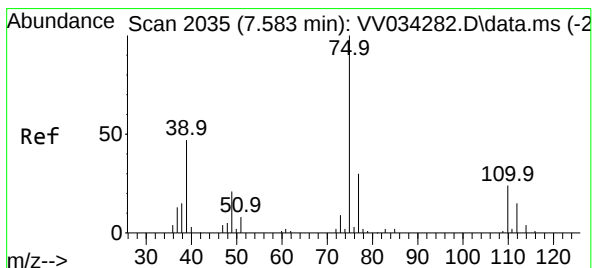
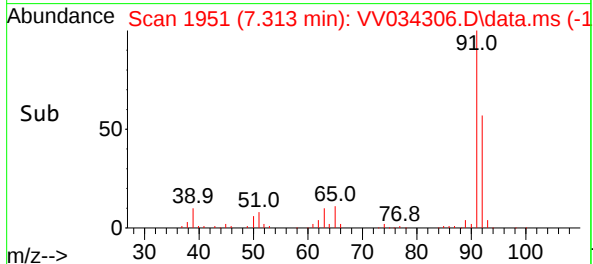
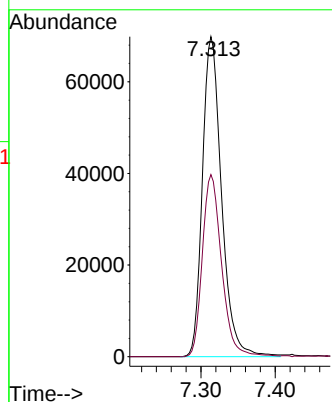
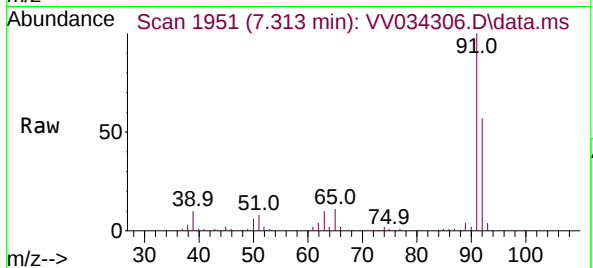
ClientSampleId :

Tgt Ion: 91 Resp: 125275

Ion Ratio Lower Upper

91 100

92 56.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.207 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034306.D

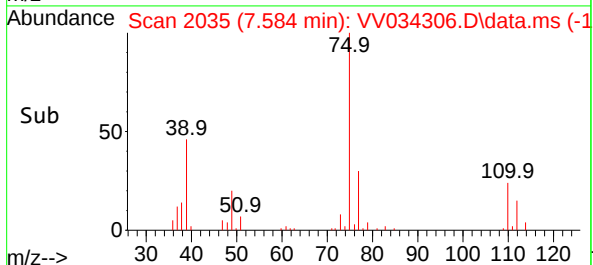
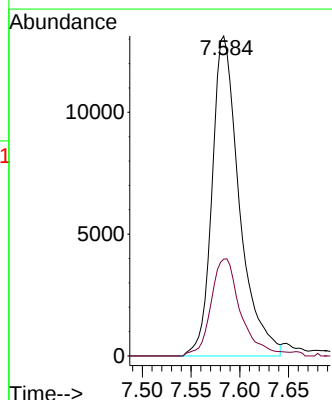
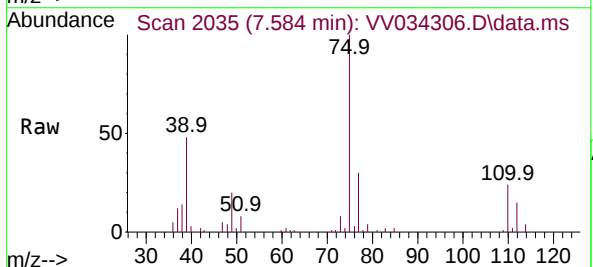
Acq: 21 Feb 2024 09:04

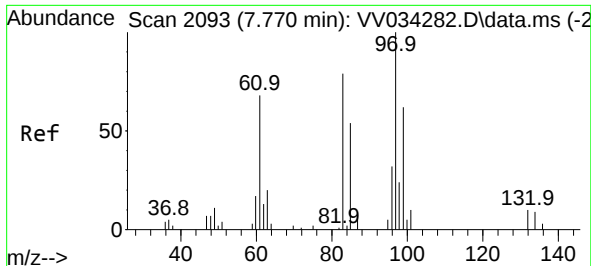
Tgt Ion: 75 Resp: 25601

Ion Ratio Lower Upper

75 100

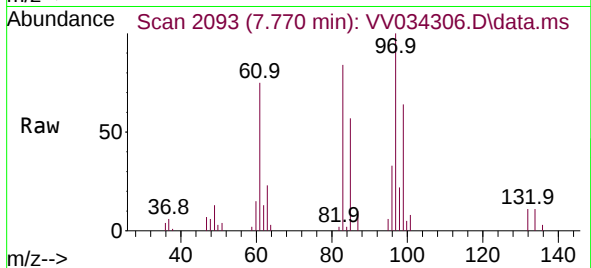
77 30.3 22.2 41.2





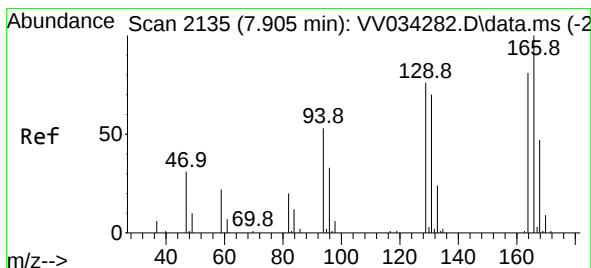
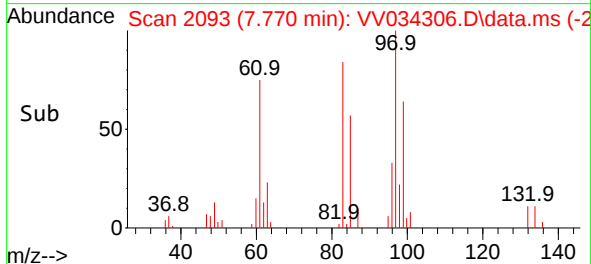
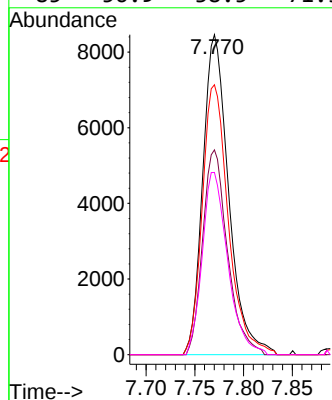
#45
1,1,2-Trichloroethane
Concen: 4.859 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 15626

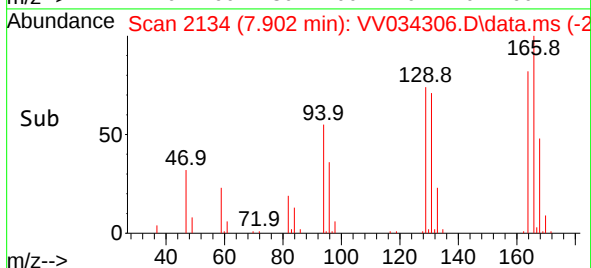
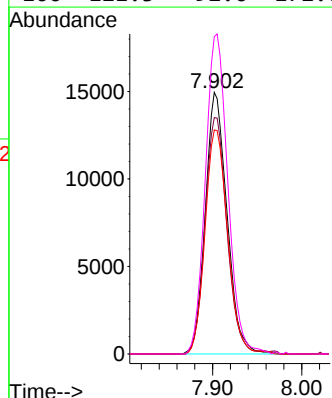
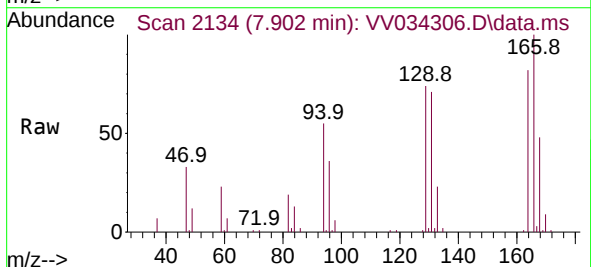
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.6	84.6
83	84.3	62.3	115.7
85	56.9	38.5	71.5

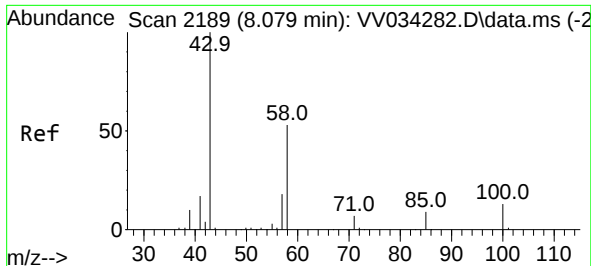


#47
Tetrachloroethene
Concen: 5.017 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 164 Resp: 25366

Ion	Ratio	Lower	Upper
164	100		
129	90.4	67.8	125.8
131	85.6	63.0	117.0
166	121.3	92.6	172.0

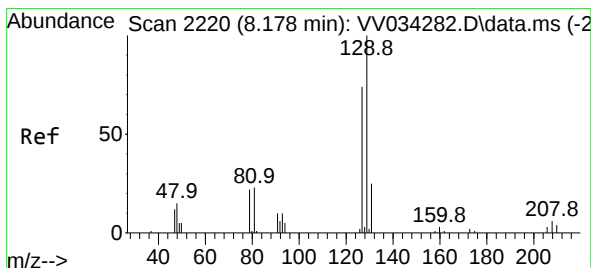
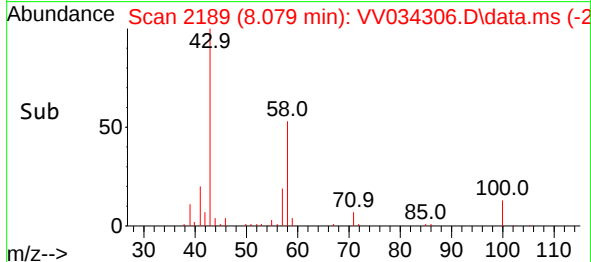
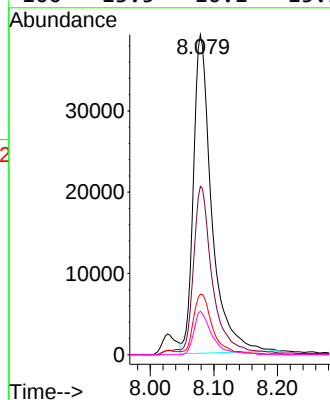
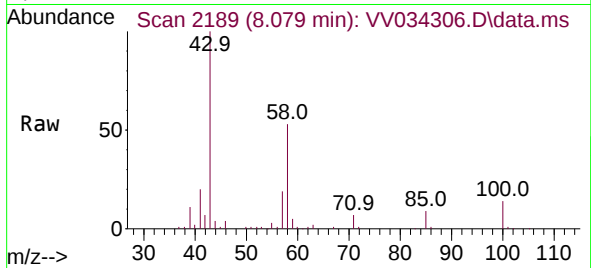




#48
2-Hexanone
Concen: 44.688 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

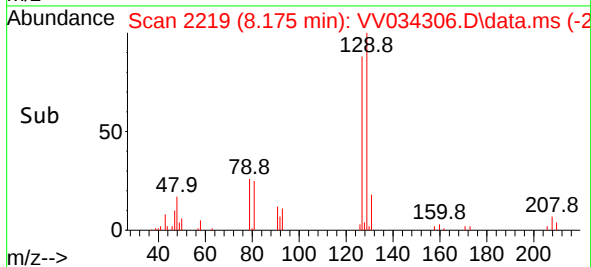
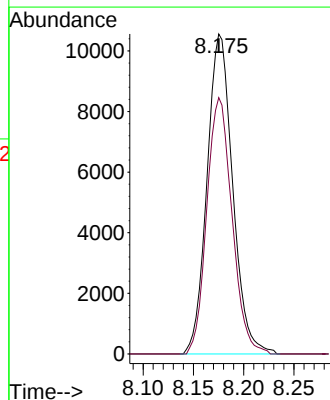
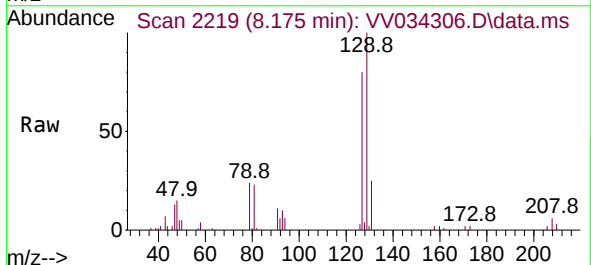
Instrument :
MSVOA_V
ClientSampleId :

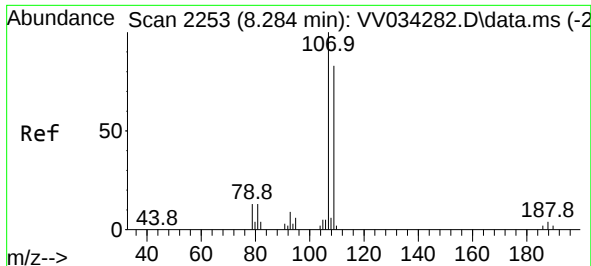
Tgt Ion: 43	Resp: 78563
Ion Ratio	Lower Upper
43 100	
58 56.6	42.6 64.0
57 20.4	15.5 23.3
100 13.5	10.1 15.1



#49
Dibromochloromethane
Concen: 4.904 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion:129	Resp: 18742		
Ion Ratio	Lower	Upper	
129 100			
127 80.1	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 5.027 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034306.D

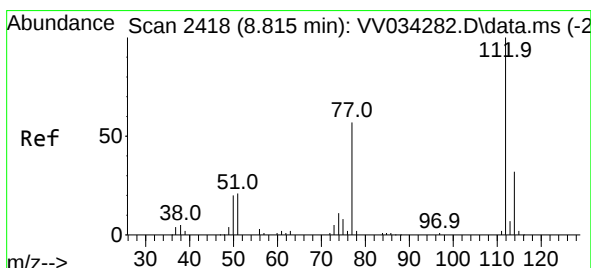
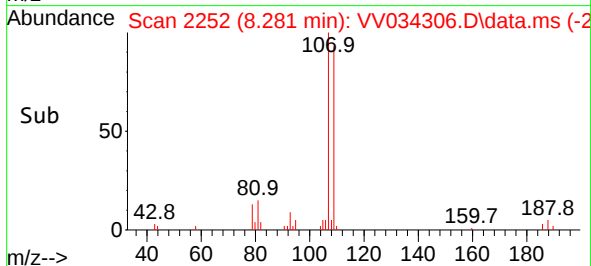
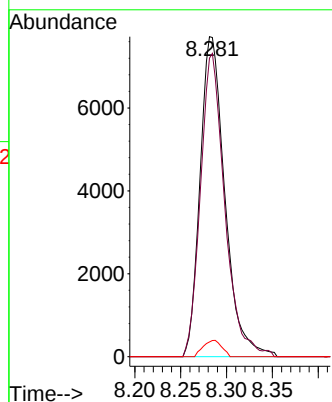
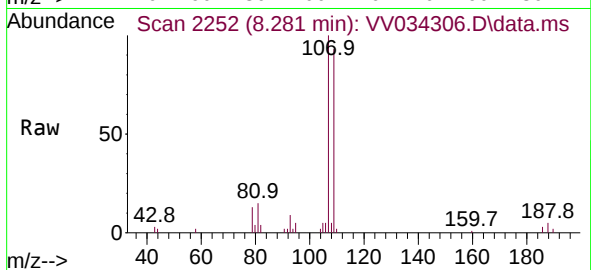
Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	14512
Ion Ratio	Lower	Upper
107	100	
109	93.3	64.5 119.9
188	4.6	2.6 4.0#



#51

Chlorobenzene

Concen: 5.373 ug/L

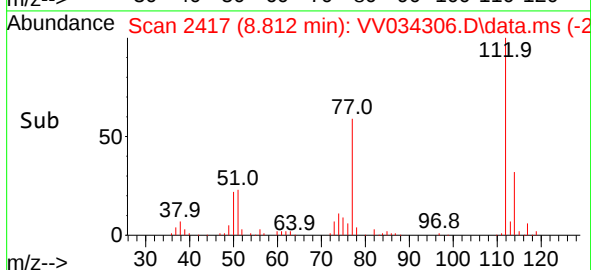
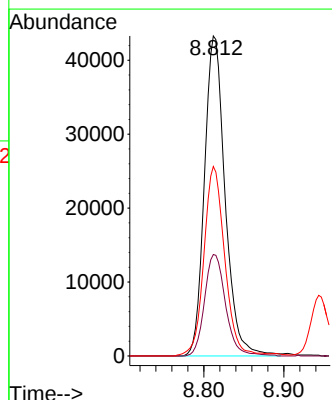
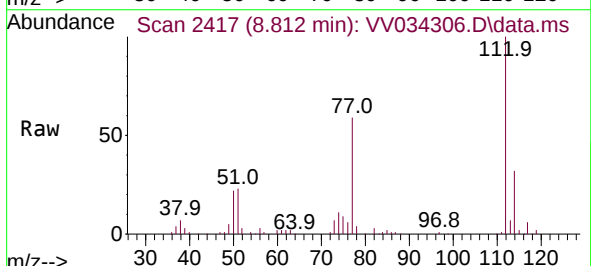
RT: 8.812 min Scan# 2417

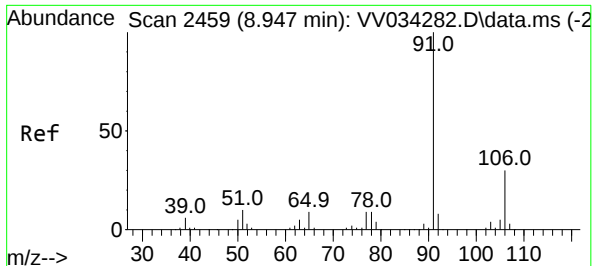
Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Tgt Ion:112	Resp:	78061
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.5 41.7
77	59.2	48.1 72.1

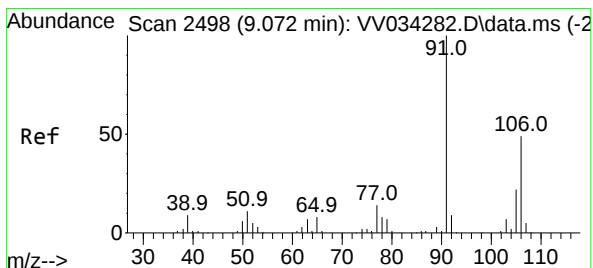
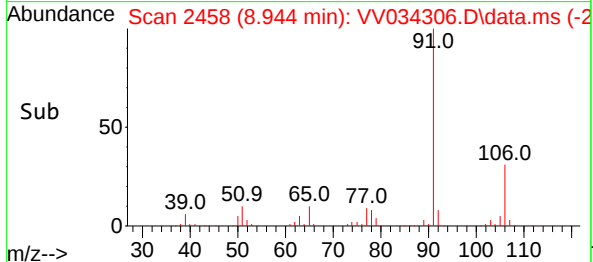
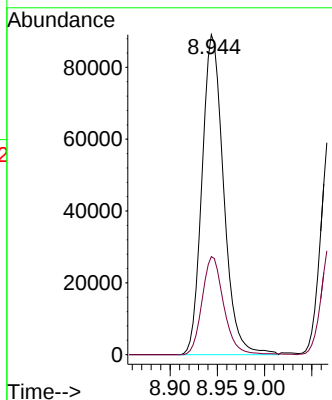
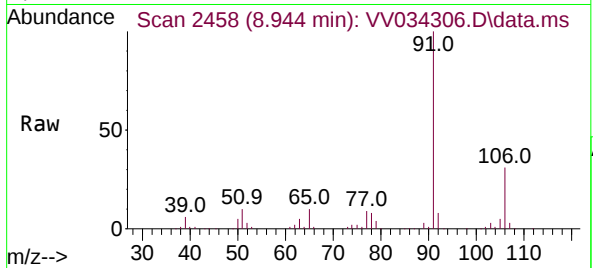




#52
Ethylbenzene
Concen: 5.357 ug/L
RT: 8.944 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

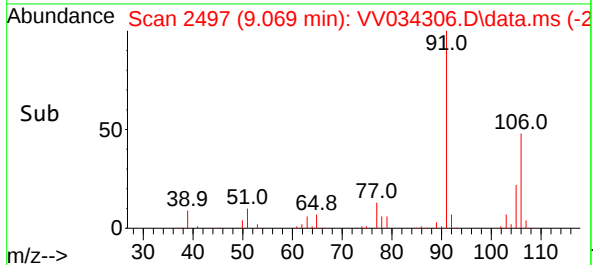
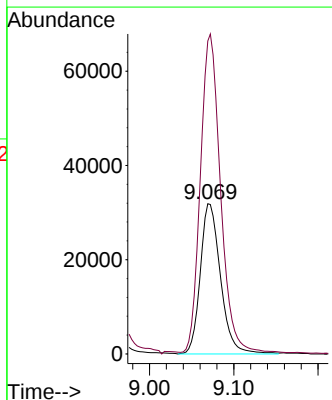
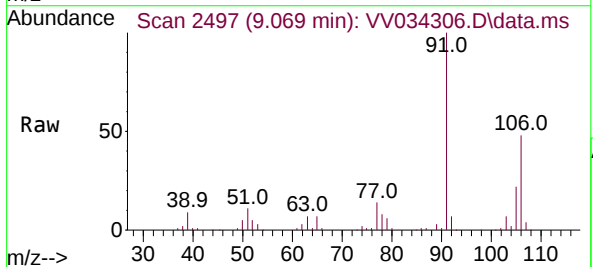
Instrument :
MSVOA_V
ClientSampleId :

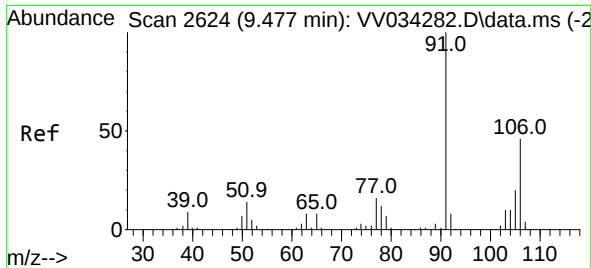
Tgt Ion: 91 Resp: 141696
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 5.340 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 106 Resp: 53376
Ion Ratio Lower Upper
106 100
91 208.2 147.5 273.9

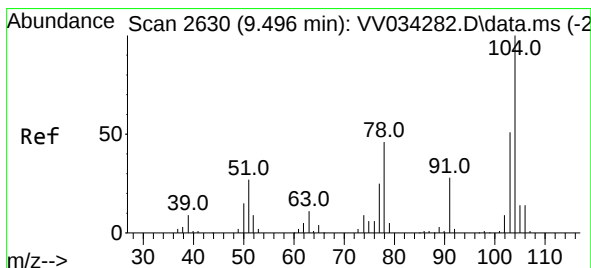
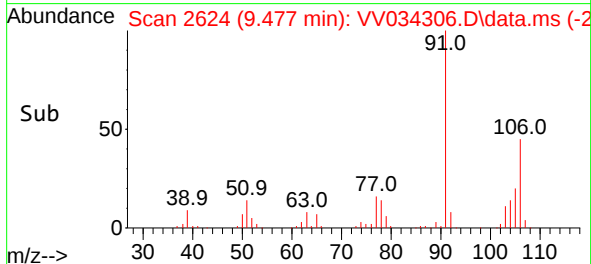
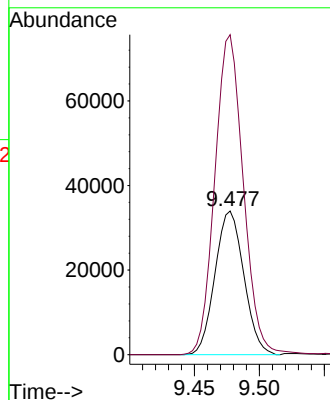
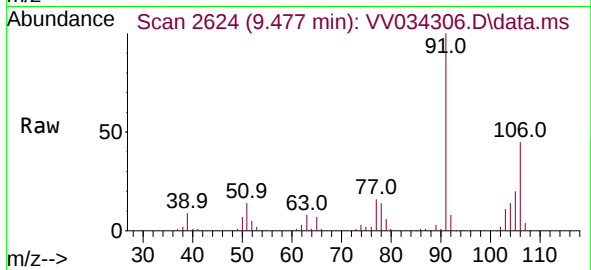




#54
o-Xylene
Concen: 5.438 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

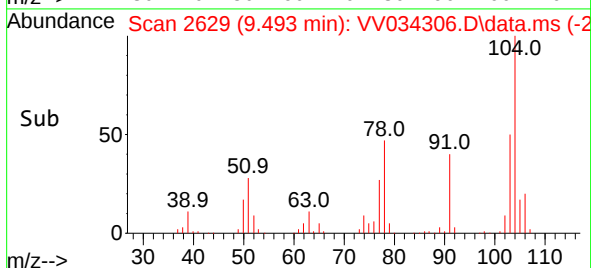
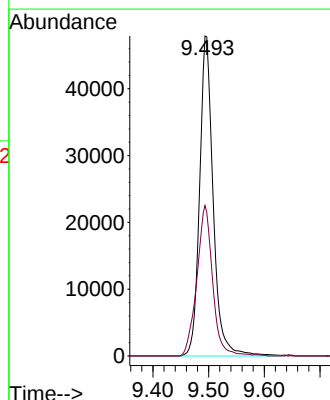
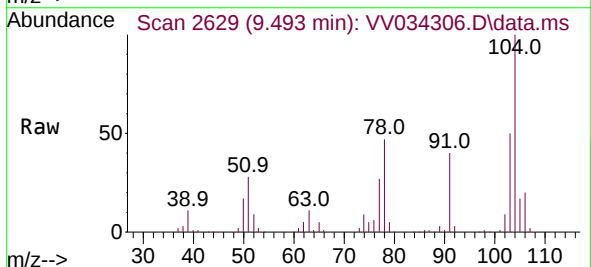
Instrument :
MSVOA_V
ClientSampleId :

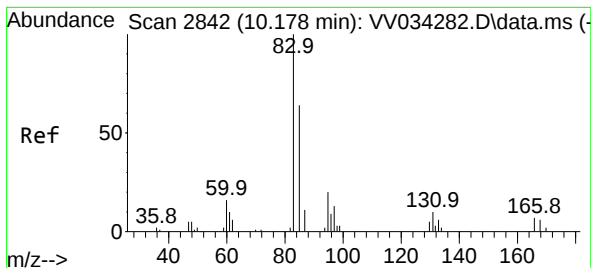
Tgt Ion:106 Resp: 52417
Ion Ratio Lower Upper
106 100
91 222.6 156.2 290.0



#55
Styrene
Concen: 5.269 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion:104 Resp: 81319
Ion Ratio Lower Upper
104 100
78 47.0 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.908 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

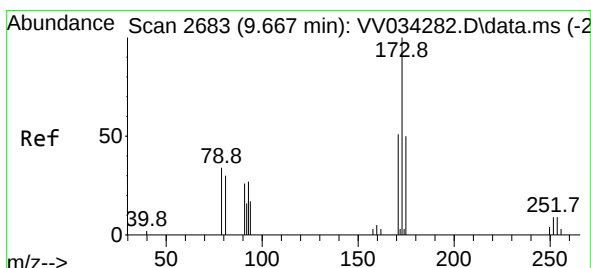
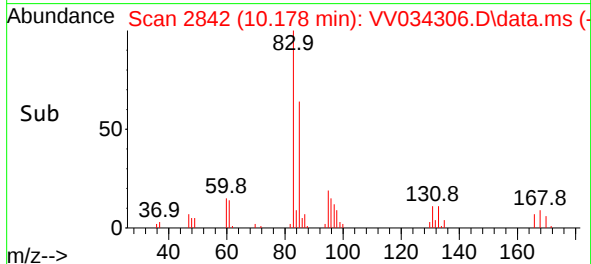
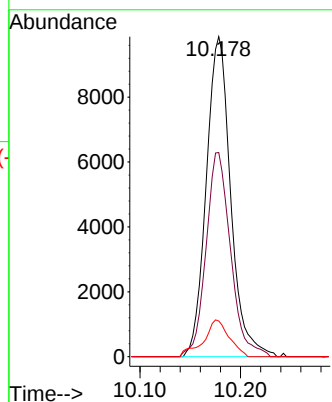
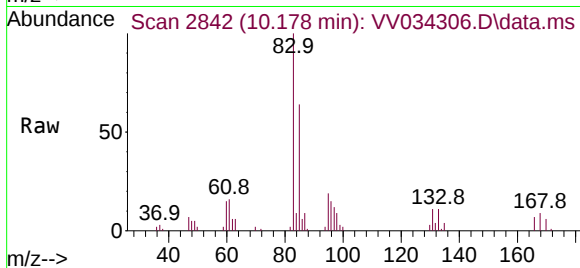
Tgt Ion: 83 Resp: 16658

Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.3

131 11.2 8.4 12.6



#59

Bromoform

Concen: 4.117 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

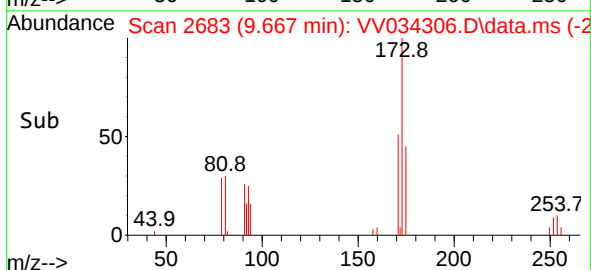
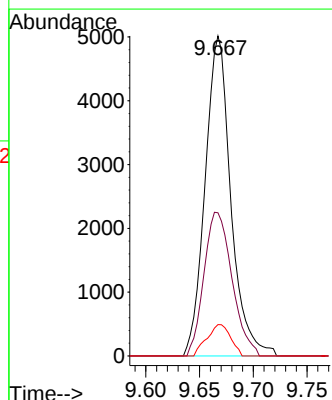
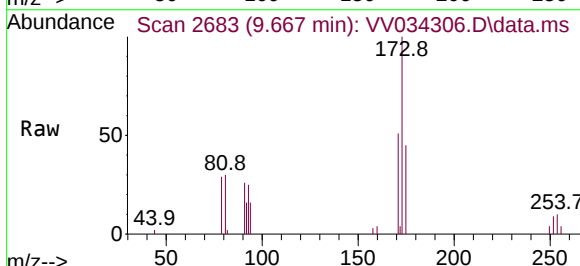
Tgt Ion: 173 Resp: 8354

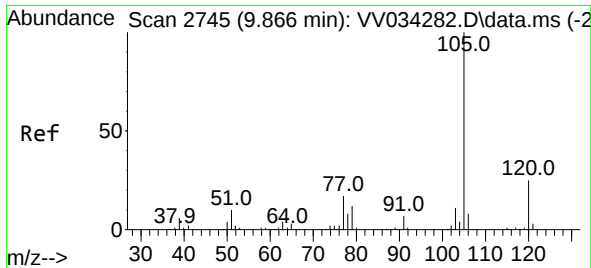
Ion Ratio Lower Upper

173 100

175 48.9 38.6 57.8

254 9.0 7.2 10.8

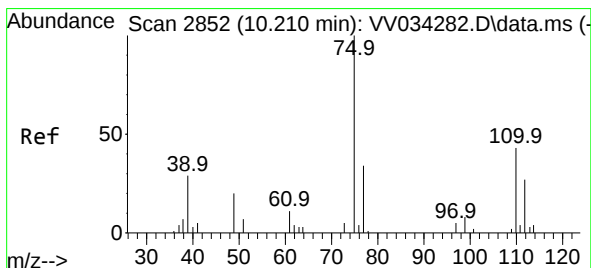
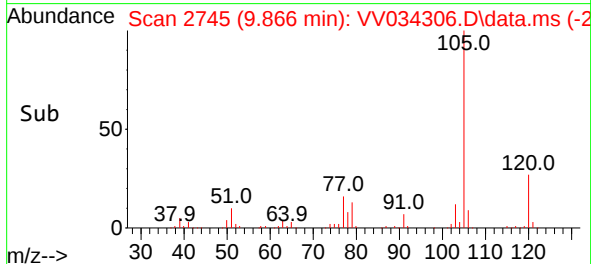
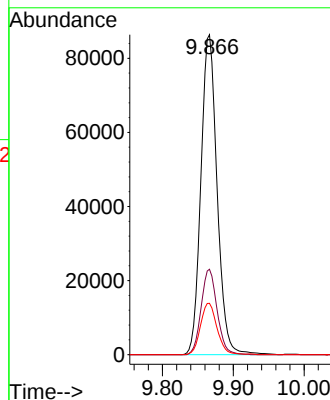
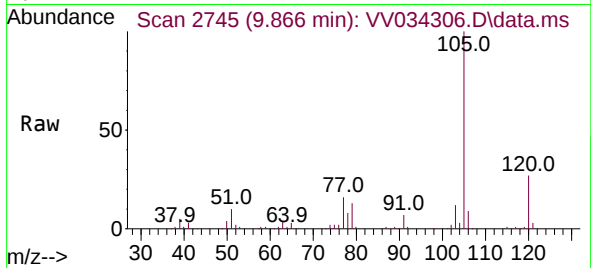




#60
Isopropylbenzene
Concen: 5.032 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

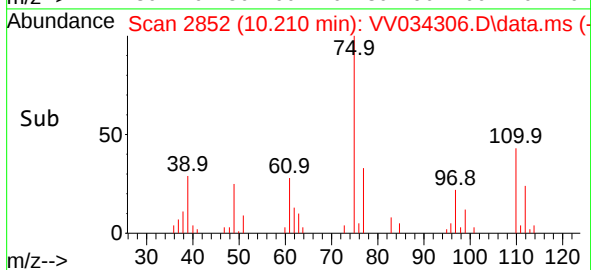
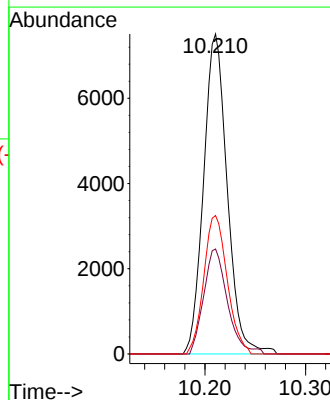
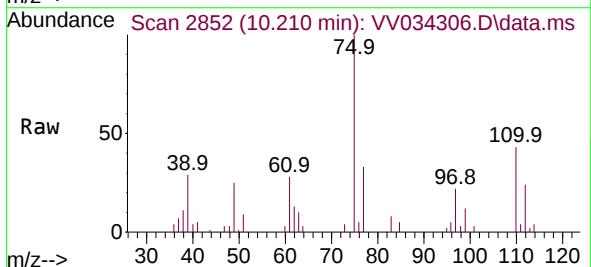
Instrument :
MSVOA_V
ClientSampleId :

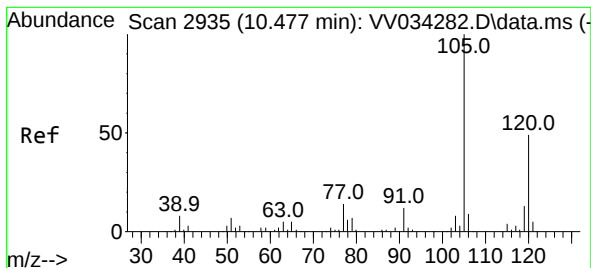
Tgt Ion:105 Resp: 137152
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.839 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 75 Resp: 12254
Ion Ratio Lower Upper
75 100
77 32.9 26.9 40.3
110 43.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.276 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

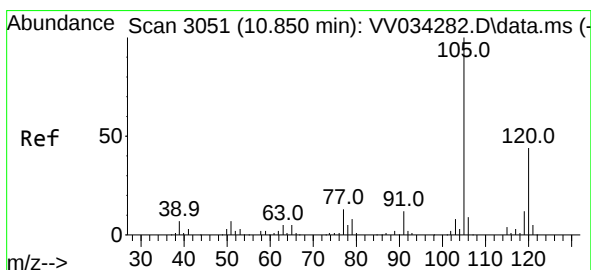
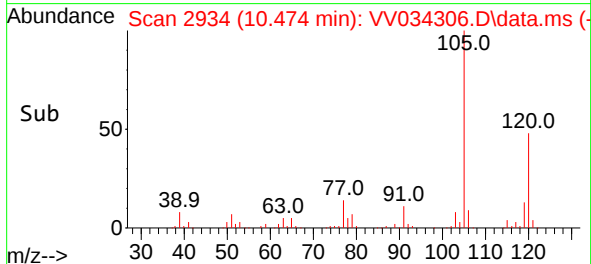
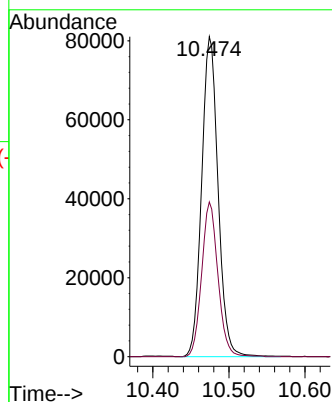
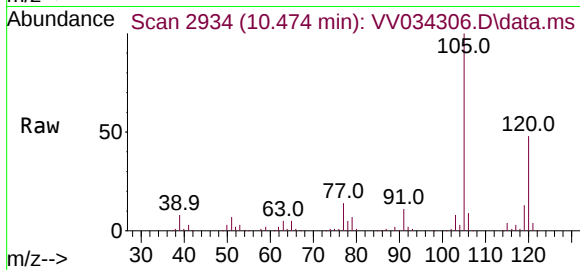
ClientSampleId :

Tgt Ion:105 Resp: 121569

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.235 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034306.D

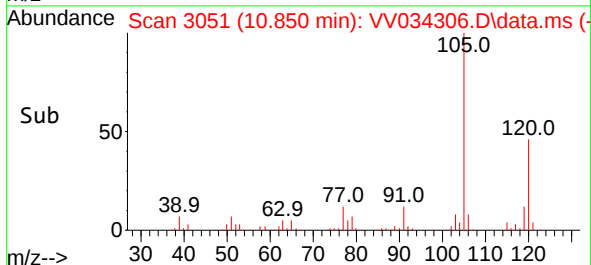
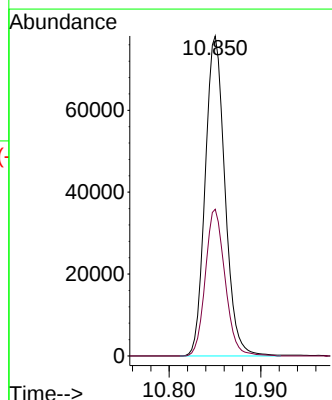
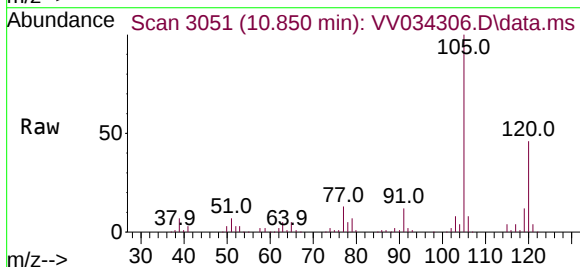
Acq: 21 Feb 2024 09:04

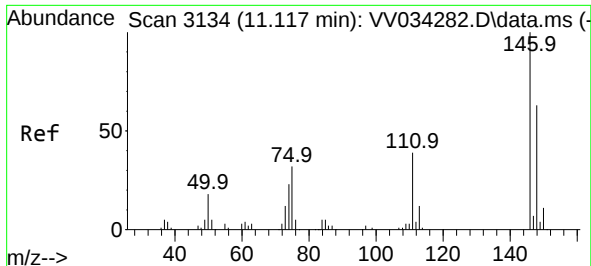
Tgt Ion:105 Resp: 117214

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

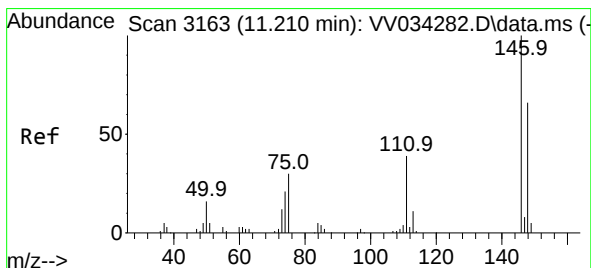
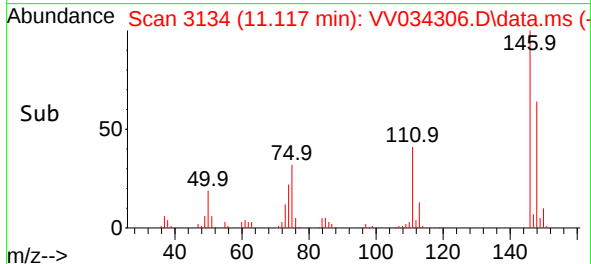
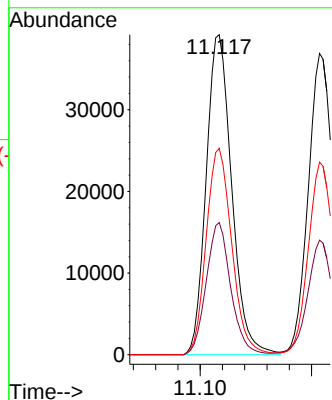
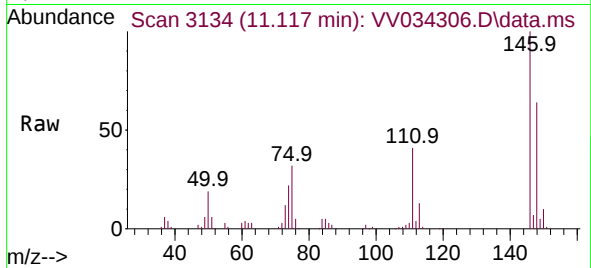




#64
1,3-Dichlorobenzene
Concen: 5.256 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

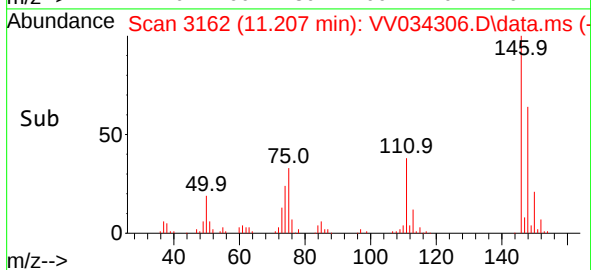
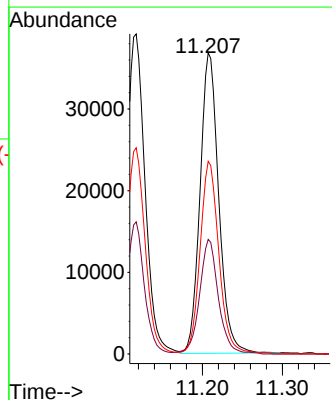
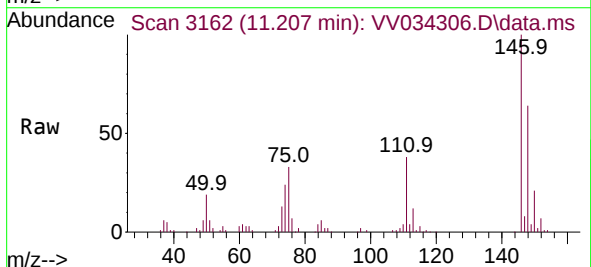
Instrument :
MSVOA_V
ClientSampleId :

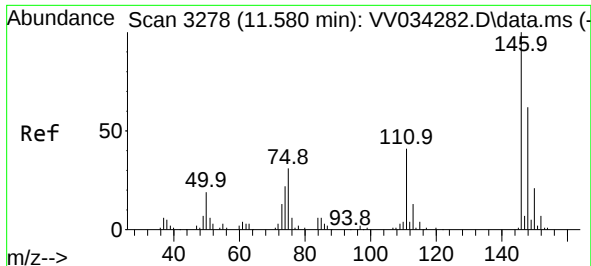
Tgt Ion:146 Resp: 62467
Ion Ratio Lower Upper
146 100
111 41.3 28.5 52.9
148 64.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.088 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VV034306.D
Acq: 21 Feb 2024 09:04

Tgt Ion:146 Resp: 59877
Ion Ratio Lower Upper
146 100
111 38.0 27.6 51.4
148 63.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.275 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

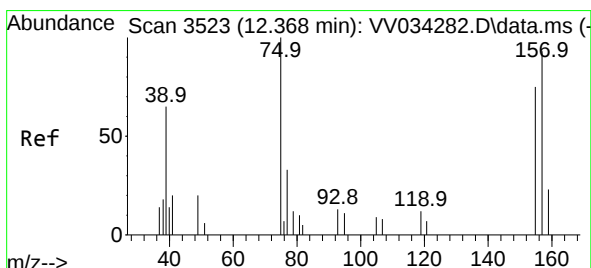
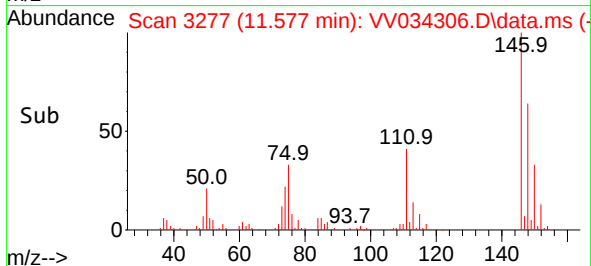
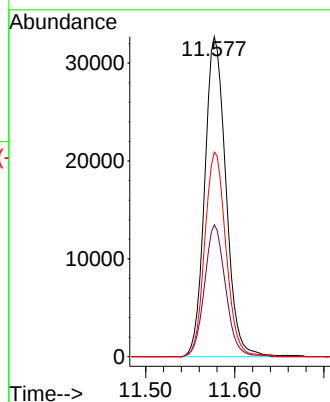
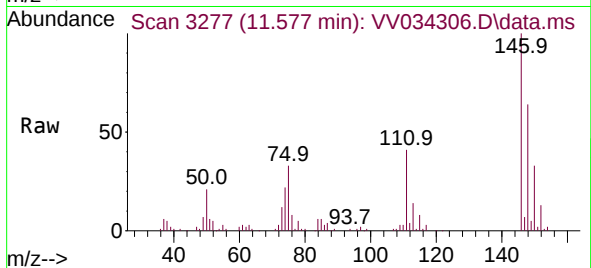
Tgt Ion:146 Resp: 53848

Ion Ratio Lower Upper

146 100

111 41.2 31.2 46.8

148 63.9 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.526 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

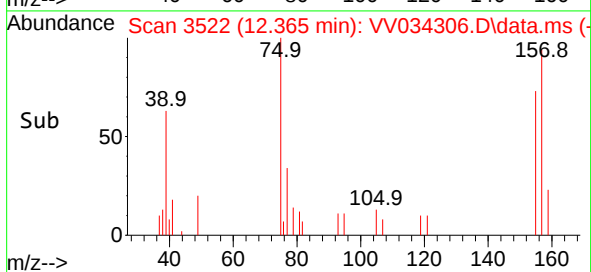
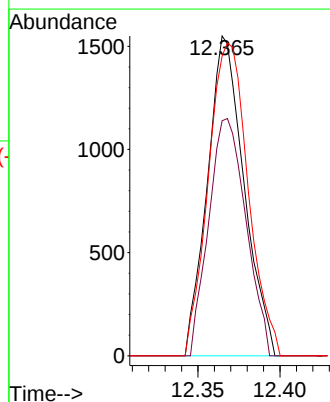
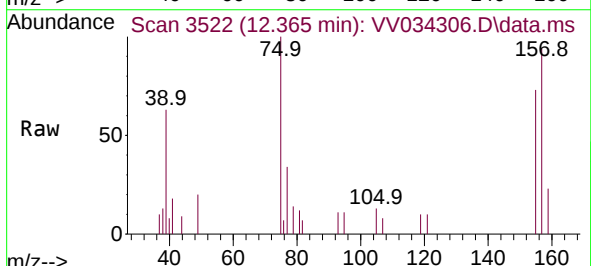
Tgt Ion: 75 Resp: 2402

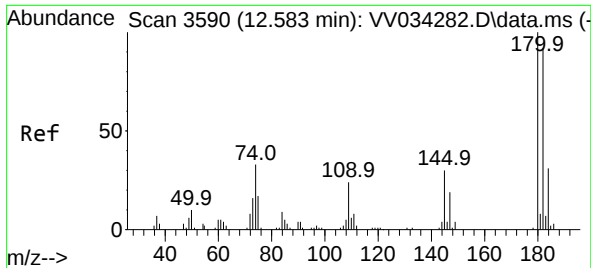
Ion Ratio Lower Upper

75 100

155 73.5 68.9 103.3

157 93.7 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.186 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

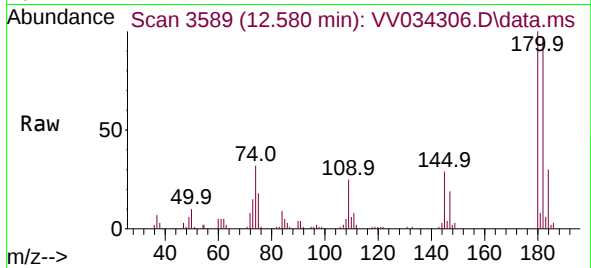
Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 47703

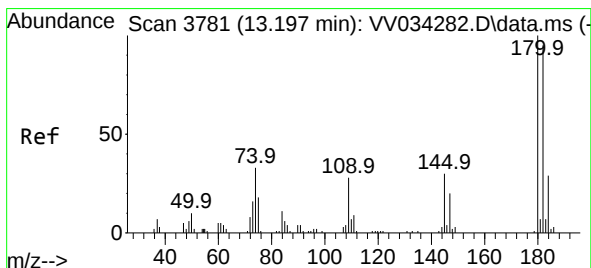
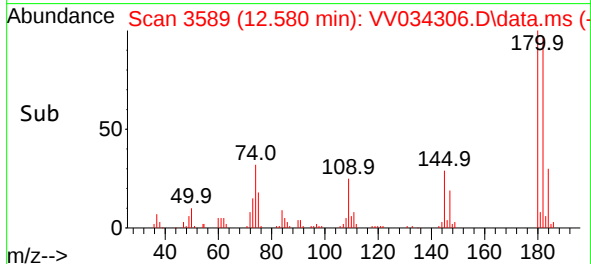
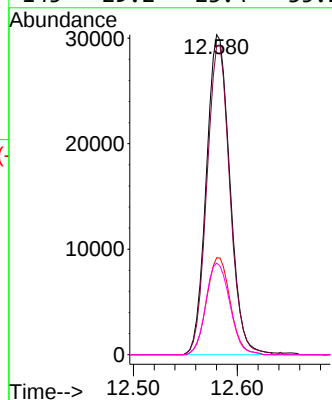
Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.4

184 30.5 23.8 35.6

145 29.2 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.008 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

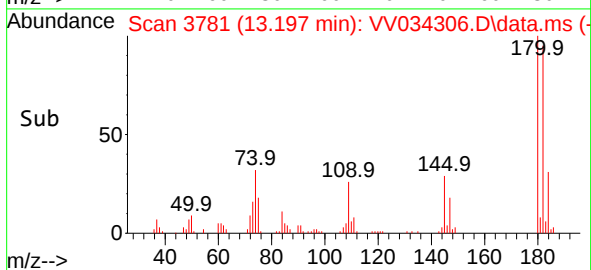
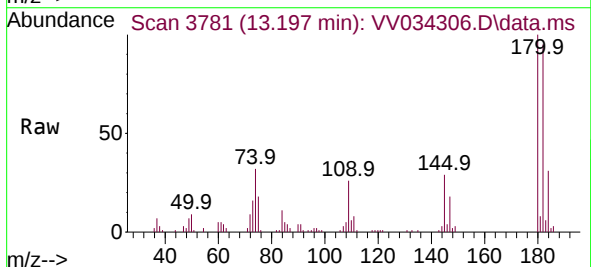
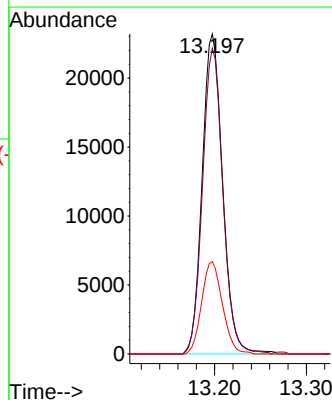
Tgt Ion:180 Resp: 35955

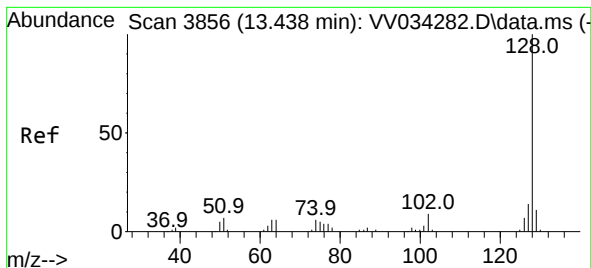
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 29.2 24.8 37.2





#71

Naphthalene

Concen: 4.387 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_V

ClientSampleId :

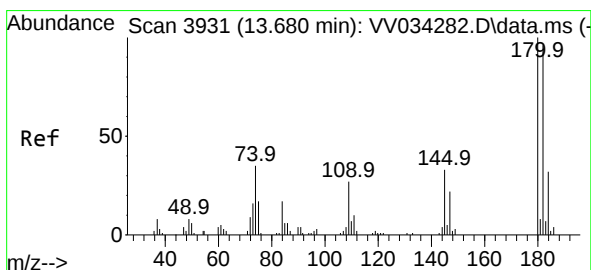
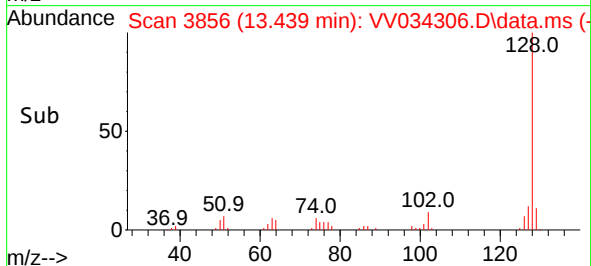
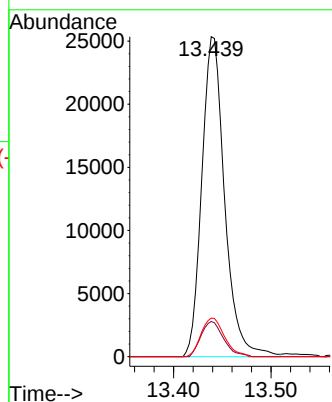
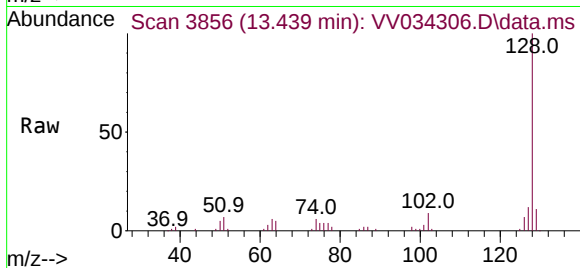
Tgt Ion:128 Resp: 41274

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.891 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034306.D

Acq: 21 Feb 2024 09:04

Tgt Ion:180 Resp: 28137

Ion Ratio Lower Upper

180 100

182 97.2 75.0 112.6

145 34.1 25.2 37.8

