

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037116.D
 Acq On : 28 Aug 2024 02:42
 Operator : SY/MD
 Sample : P3693-12MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 06:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	616308	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	592216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	298072	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261959	46.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.940%
7) Chloroethane-d5	1.529	69	198086	45.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	2.056	65	106825	45.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	3.796	46	220934	101.197	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.243	84	439959	49.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	4.937	65	270406	48.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	4.953	84	848872	47.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
36) 1,2-Dichloropropane-d6	5.986	67	269645	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.260%
41) Toluene-d8	7.236	98	763508	47.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.551	79	111964	43.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.024	63	172383	112.740	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	350710	51.615	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.220%
66) 1,2-Dichlorobenzene-d4	11.554	152	282552	47.330	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	254706	48.906	ug/L	99
3) Chloromethane	1.217	50	256629	43.815	ug/L	99
5) Vinyl chloride	1.282	62	2384239	433.619	ug/L	100
6) Bromomethane	1.484	94	133138	43.213	ug/L	100
8) Chloroethane	1.548	64	172803	51.380	ug/L	99
9) Trichlorofluoromethane	1.712	101	359349	50.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	215995	50.610	ug/L	98
12) 1,1-Dichloroethene	2.069	96	206150	51.270	ug/L	97
13) Acetone	2.111	43	169843	72.537	ug/L	99
14) Carbon disulfide	2.236	76	591629	48.468	ug/L	99
15) Methyl Acetate	2.372	43	149053	37.971	ug/L	100
16) Methylene chloride	2.442	84	233657	51.505	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	216212	51.798	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	709053	54.000	ug/L	99
19) 1,1-Dichloroethane	3.105	63	435698	52.560	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	244249	52.955	ug/L	99
22) 2-Butanone	3.876	43	244651	94.900	ug/L	99
23) Bromochloromethane	4.140	128	118961	52.541	ug/L	98
25) Chloroform	4.272	83	416434	49.604	ug/L	99

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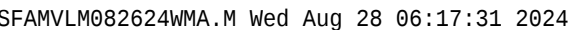
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 MSVOA_V
 ClientSampleId :

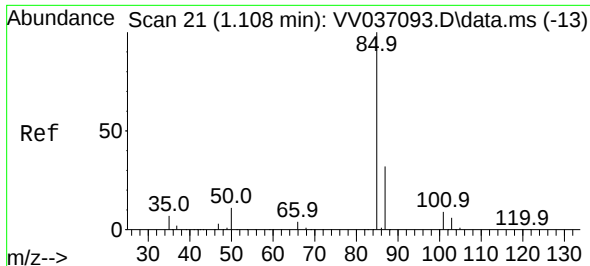
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320785	52.091	ug/L	99
29) Cyclohexane	4.571	56	351747	50.515	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	347475	50.992	ug/L	99
31) Carbon tetrachloride	4.725	117	294981	51.302	ug/L	99
33) Benzene	5.002	78	897762	52.529	ug/L	100
34) Trichloroethene	5.828	95	230480	51.093	ug/L	97
35) Methylcyclohexane	6.043	83	359130	49.000	ug/L	98
37) 1,2-Dichloropropane	6.092	63	232361	50.713	ug/L	99
38) Bromodichloromethane	6.429	83	298908	50.899	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	340523	47.094	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	523455	112.373	ug/L	100
42) Toluene	7.310	91	931064	52.322	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	298305	46.156	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	224964	52.743	ug/L	99
46) Tetrachloroethene	7.899	164	161195	49.803	ug/L	98
48) 2-Hexanone	8.075	43	373514	103.680	ug/L	99
49) Dibromochloromethane	8.172	129	218011	51.046	ug/L	100
50) 1,2-Dibromoethane	8.278	107	234781	54.397	ug/L	97
51) Chlorobenzene	8.809	112	604907	51.347	ug/L	100
52) Ethylbenzene	8.940	91	1048737	52.176	ug/L	99
53) m,p-Xylene	9.069	106	384989	51.696	ug/L	97
54) o-Xylene	9.474	106	381324	52.296	ug/L	100
55) Styrene	9.490	104	660347	52.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	345164	54.640	ug/L	99
59) Bromoform	9.661	173	141972	51.150	ug/L	99
60) Isopropylbenzene	9.863	105	1024298	53.007	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	256141	55.240	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	832870	52.680	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	837124	53.058	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	457185	51.237	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	460595	50.434	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	450159	51.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62870	54.369	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	303175	48.830	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	287709	49.211	ug/L	99
71) Naphthalene	13.432	128	925304	54.810	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	293381	50.921	ug/L	99

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

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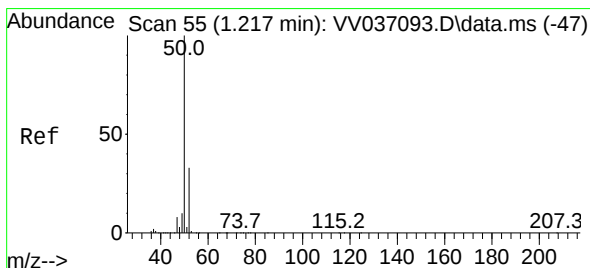
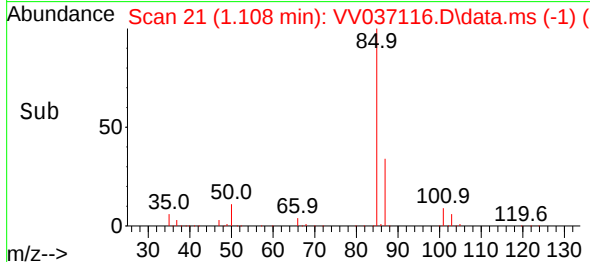
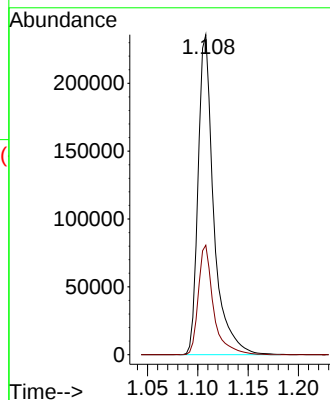
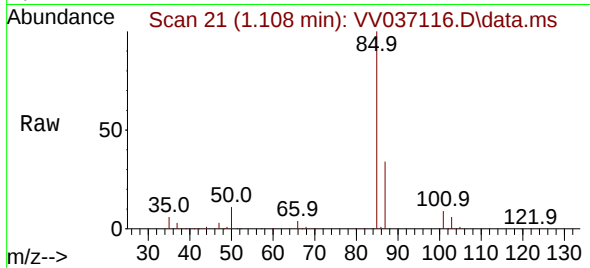




#2
 Dichlorodifluoromethane
 Concen: 48.906 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037116.D
 Acq: 28 Aug 2024 02:42

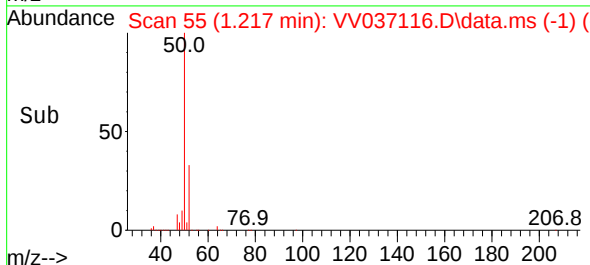
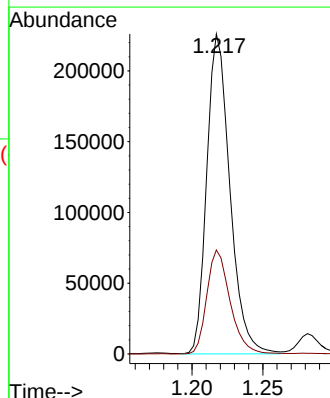
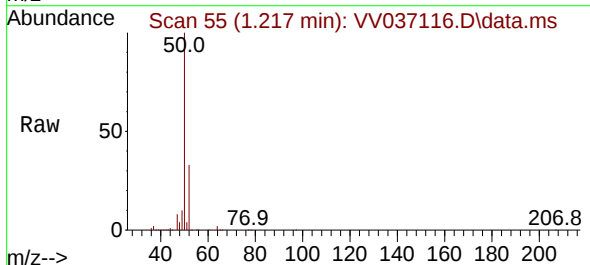
Instrument :
 MSVOA_V
 ClientSampleId :

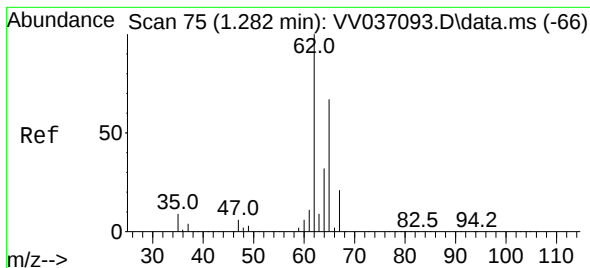
Tgt Ion: 85 Resp: 254706
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 43.815 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037116.D
 Acq: 28 Aug 2024 02:42

Tgt Ion: 50 Resp: 256629
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9





#5

Vinyl chloride

Concen: 433.619 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

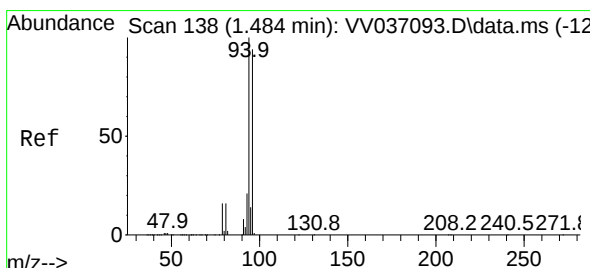
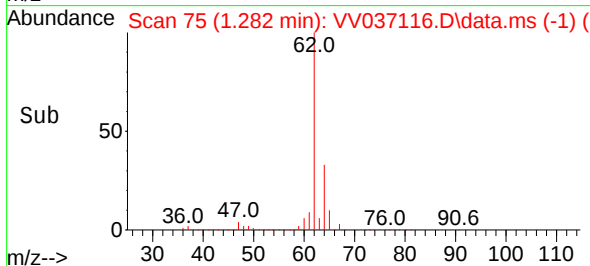
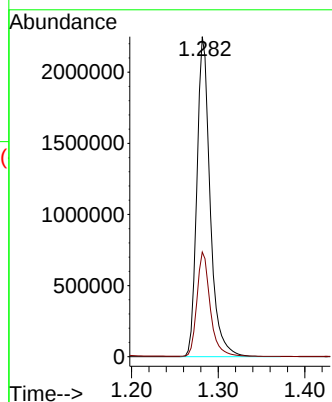
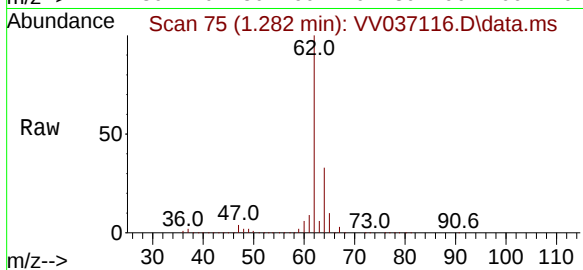
ClientSampleId :

Tgt Ion: 62 Resp: 2384239

Ion Ratio Lower Upper

62 100

64 32.7 22.8 42.4



#6

Bromomethane

Concen: 43.213 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV037116.D

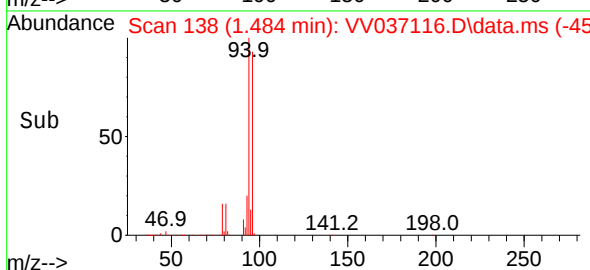
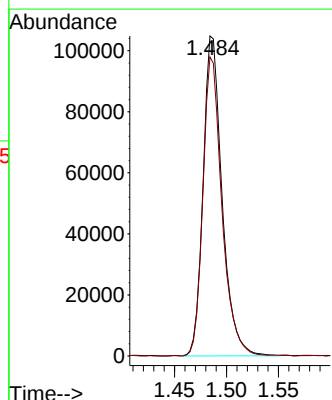
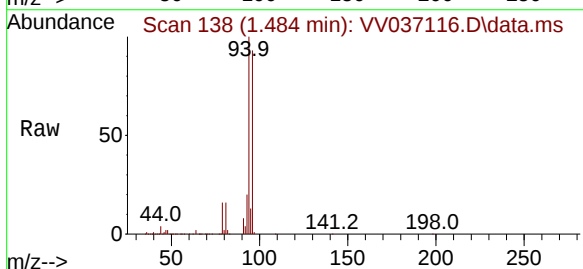
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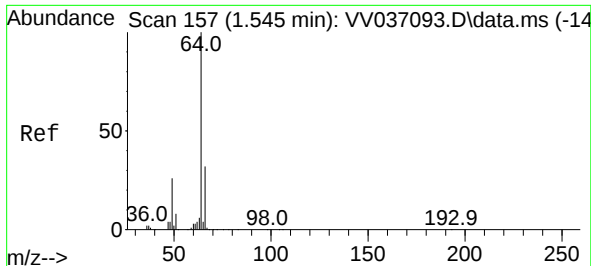
Tgt Ion: 94 Resp: 133138

Ion Ratio Lower Upper

94 100

96 93.5 65.6 121.8

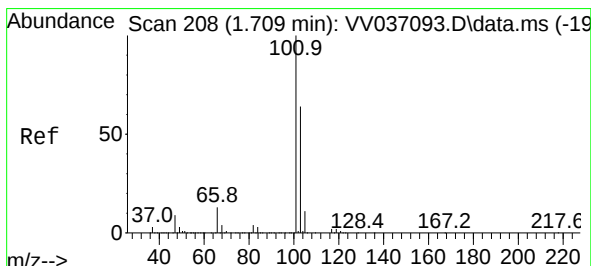
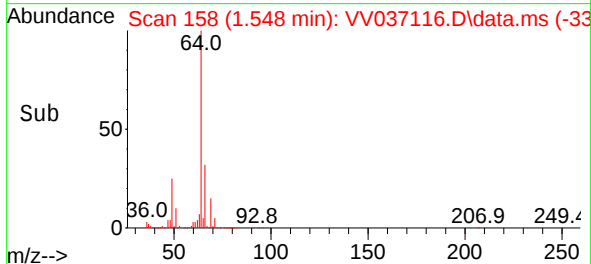
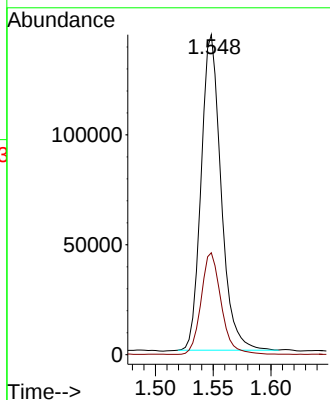
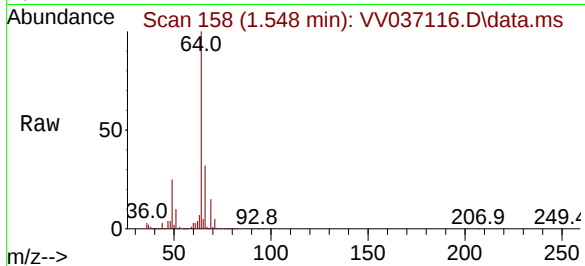




#8
Chloroethane
Concen: 51.380 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

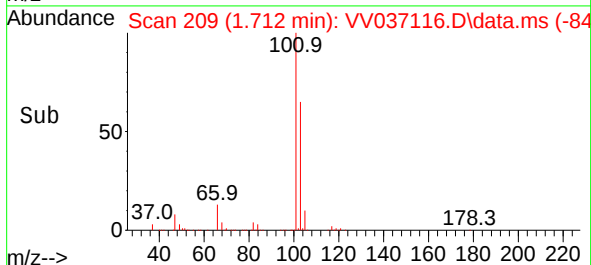
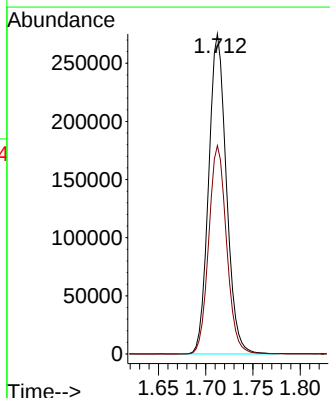
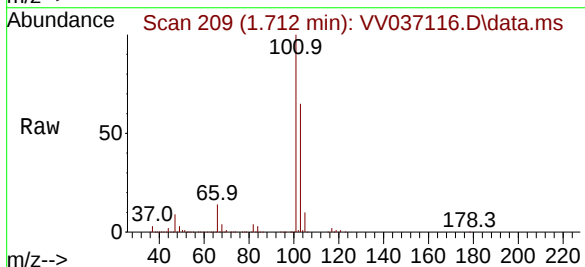
Instrument :
MSVOA_V
ClientSampleId :

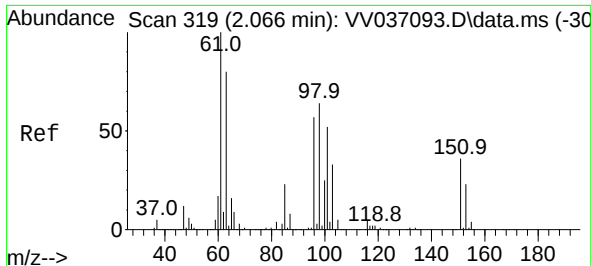
Tgt Ion: 64 Resp: 172803
Ion Ratio Lower Upper
64 100
66 31.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.080 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion:101 Resp: 359349
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

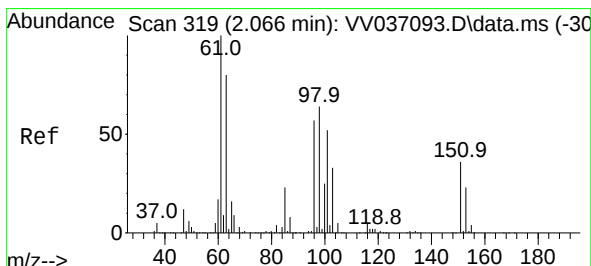
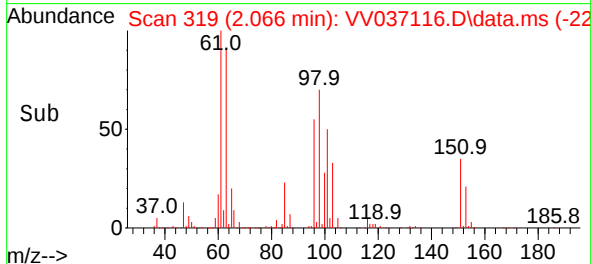
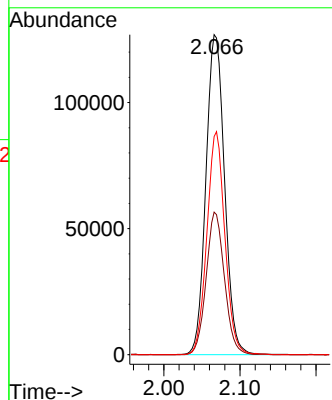
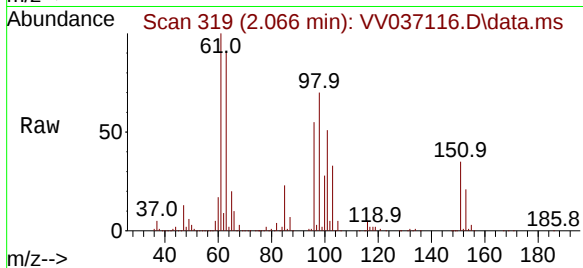




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.610 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV037116.D
 Acq: 28 Aug 2024 02:42

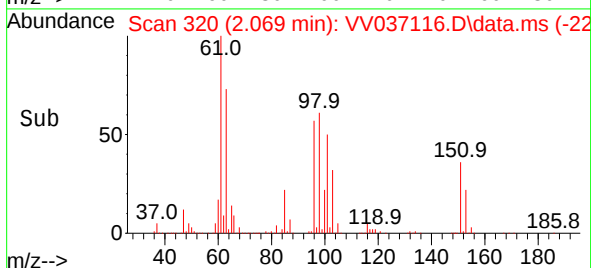
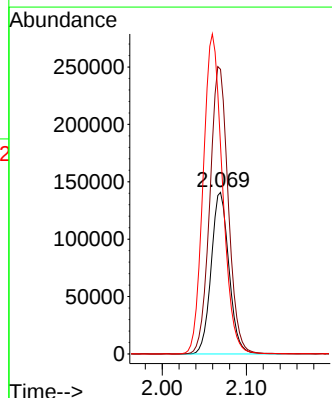
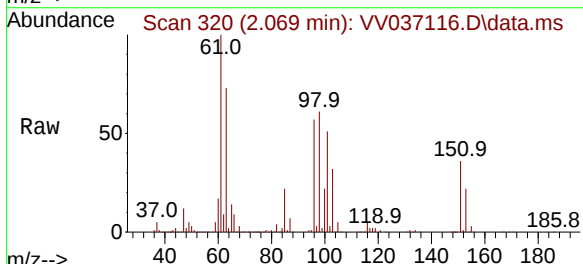
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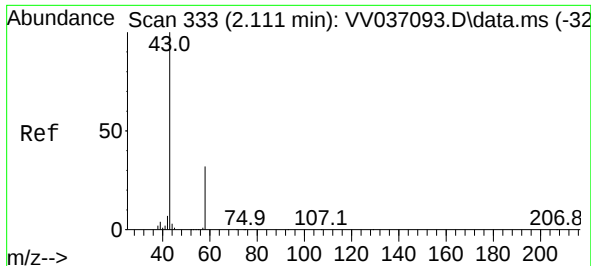
Tgt Ion:	101	Resp:	215995
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.6	53.4
151	67.3	55.0	82.4



#12
 1,1-Dichloroethene
 Concen: 51.270 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037116.D
 Acq: 28 Aug 2024 02:42

Tgt Ion:	96	Resp:	206150
Ion	Ratio	Lower	Upper
96	100		
61	176.1	123.8	229.8
63	129.1	96.5	179.1





#13

Acetone

Concen: 72.537 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

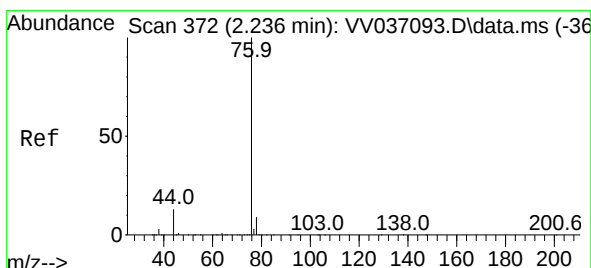
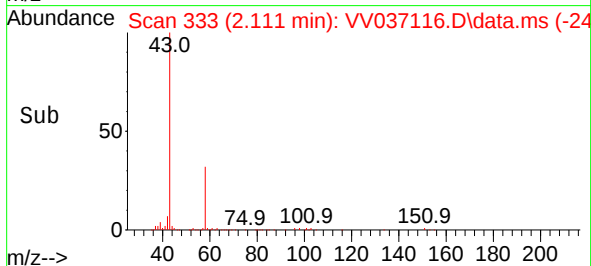
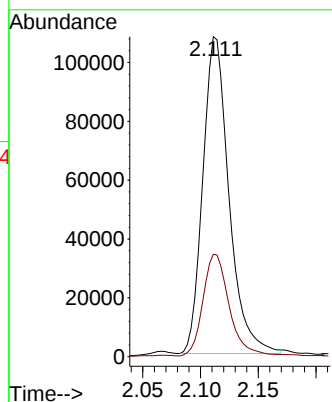
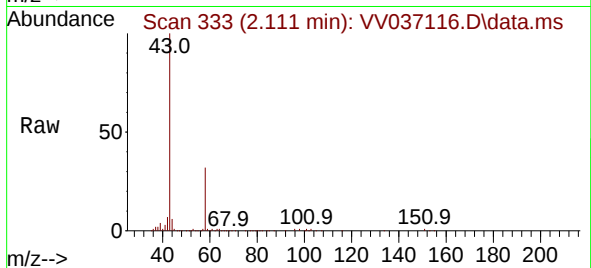
ClientSampleId :

Tgt Ion: 43 Resp: 169843

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.8



#14

Carbon disulfide

Concen: 48.468 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037116.D

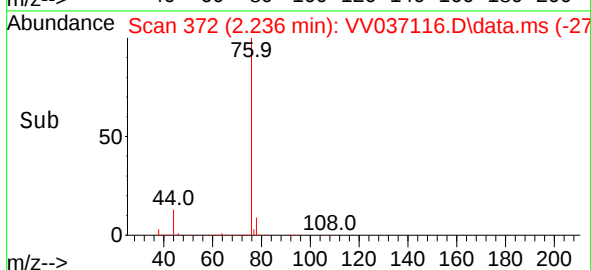
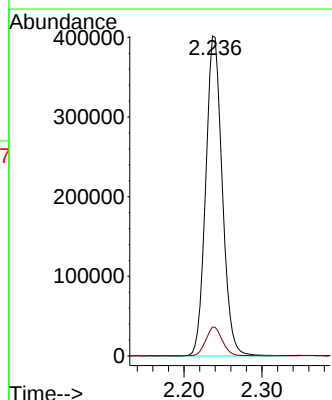
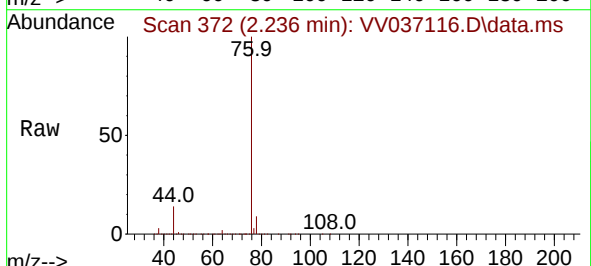
Acq: 28 Aug 2024 02:42

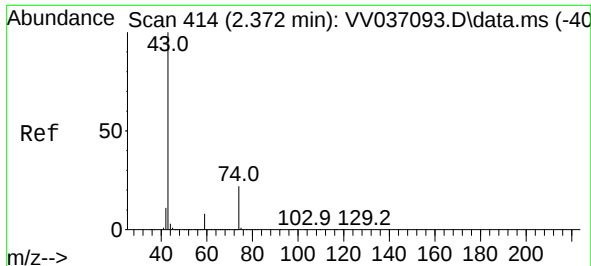
Tgt Ion: 76 Resp: 591629

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

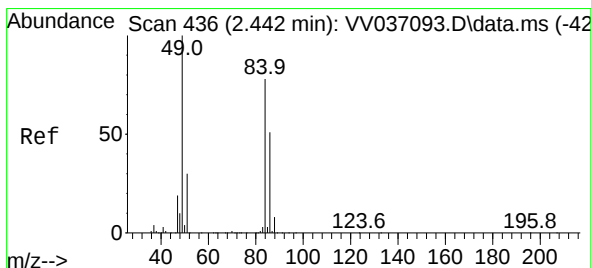
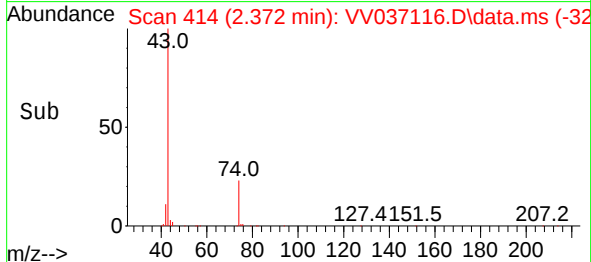
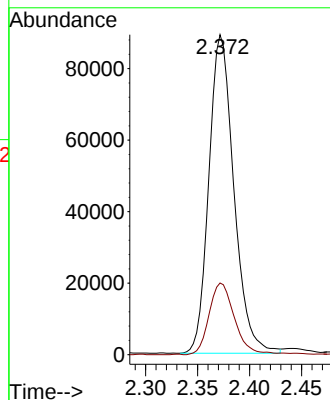
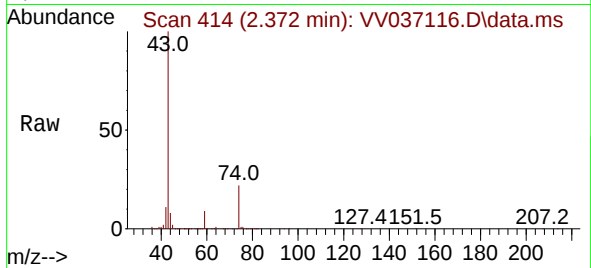




#15
Methyl Acetate
Concen: 37.971 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

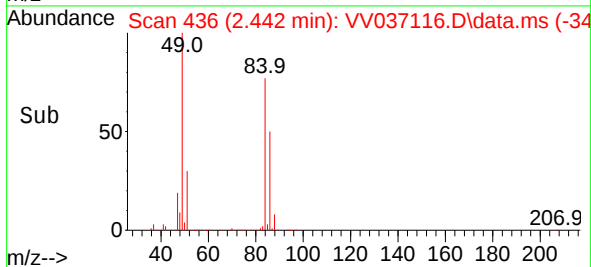
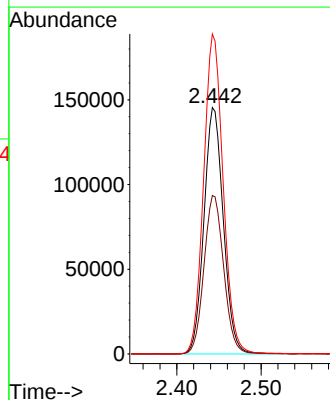
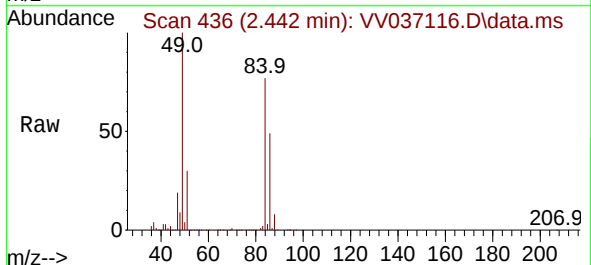
Instrument :
MSVOA_V
ClientSampleId :

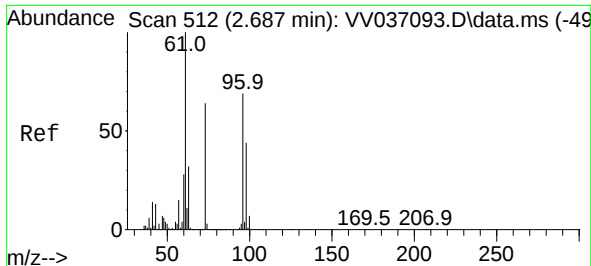
Tgt Ion: 43 Resp: 149053
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6



#16
Methylene chloride
Concen: 51.505 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 84 Resp: 233657
Ion Ratio Lower Upper
84 100
86 64.3 44.7 82.9
49 129.9 91.4 169.8

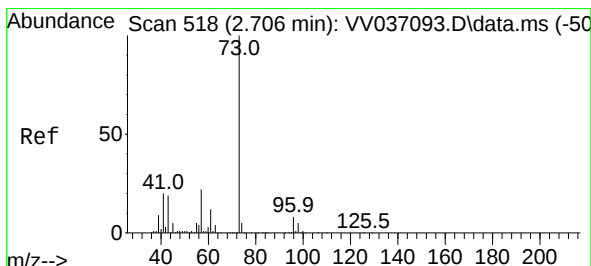
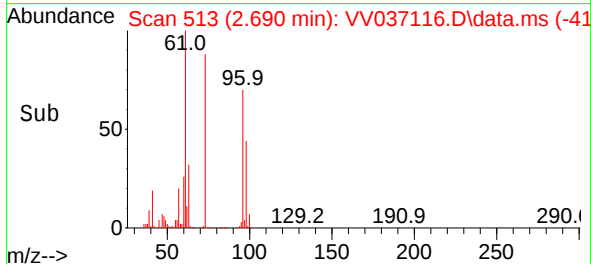
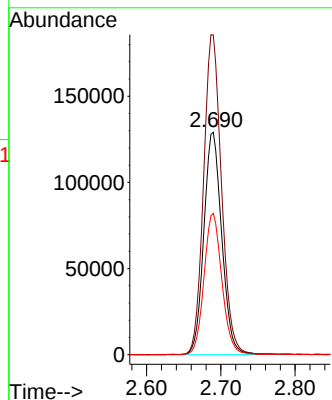
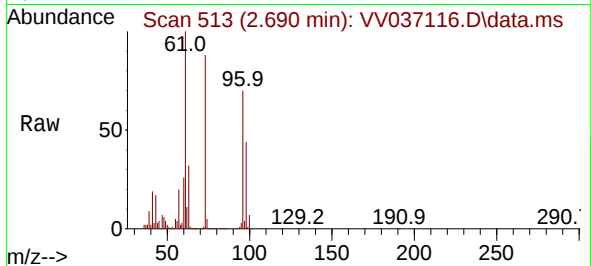




#17
trans-1,2-Dichloroethene
Concen: 51.798 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

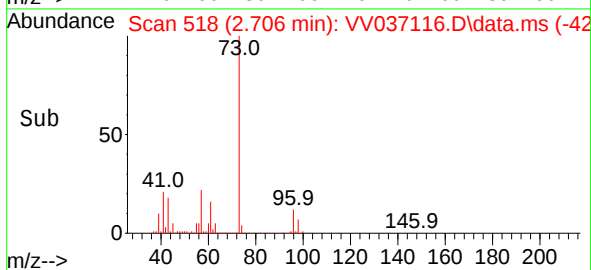
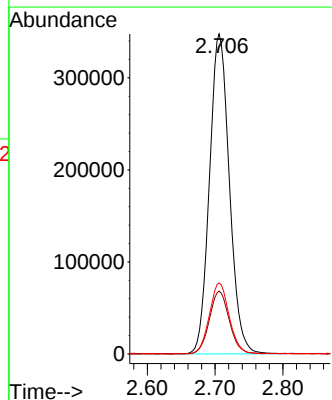
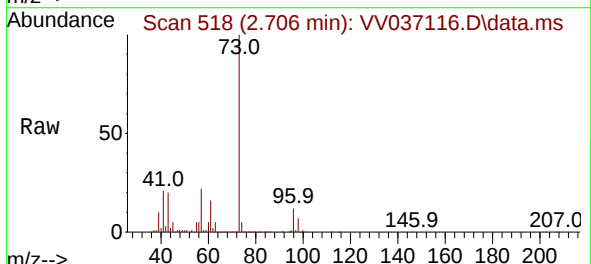
Instrument :
MSVOA_V
ClientSampleId :

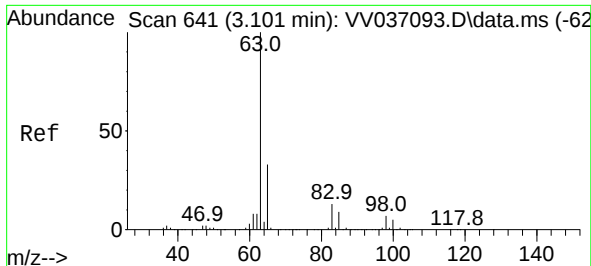
Tgt Ion: 96 Resp: 216212
Ion Ratio Lower Upper
96 100
61 143.7 102.3 189.9
98 63.5 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 54.000 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 73 Resp: 709053
Ion Ratio Lower Upper
73 100
43 19.4 15.8 23.6
57 22.1 18.1 27.1

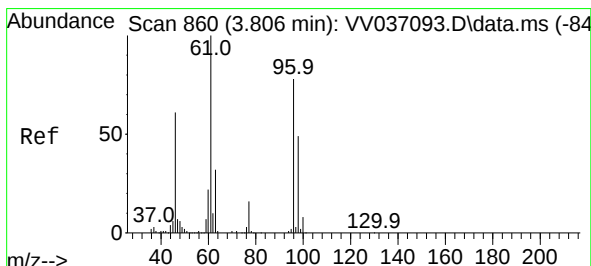
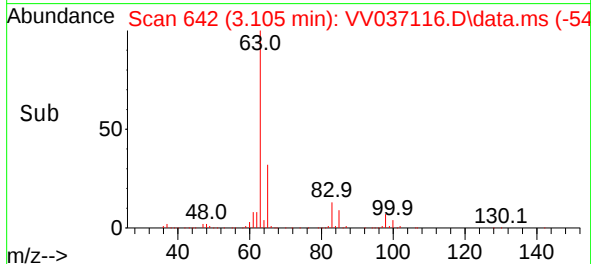
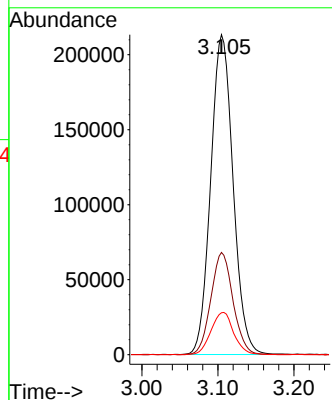
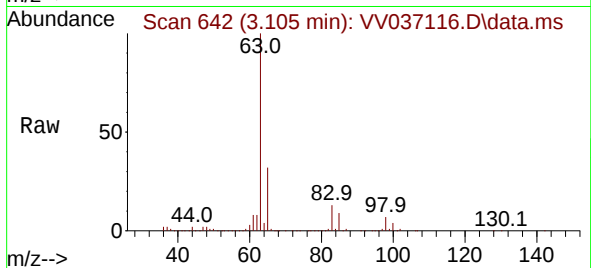




#19
1,1-Dichloroethane
Concen: 52.560 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

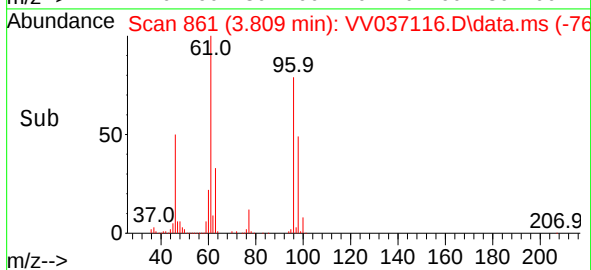
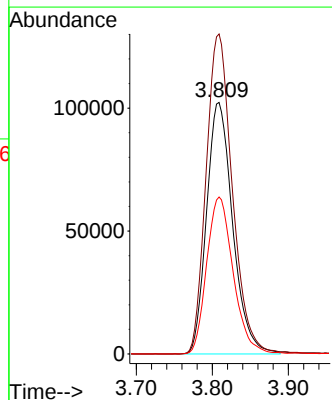
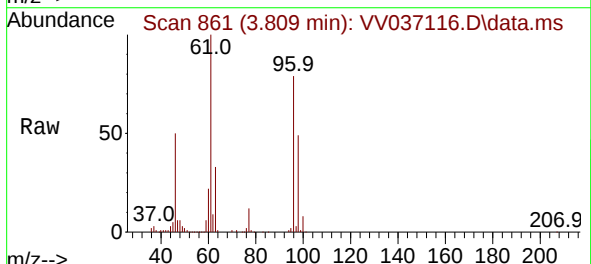
Instrument :
MSVOA_V
ClientSampleId :

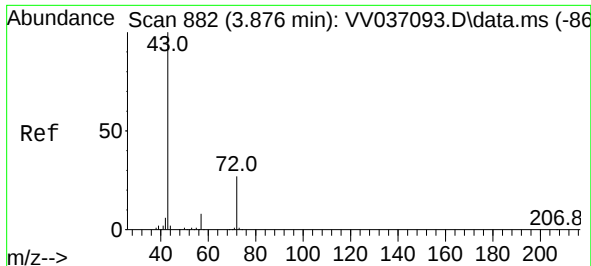
Tgt Ion: 63 Resp: 435698
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 52.955 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 96 Resp: 244249
Ion Ratio Lower Upper
96 100
61 127.2 89.9 166.9
98 62.4 44.8 83.2





#22

2-Butanone

Concen: 94.900 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

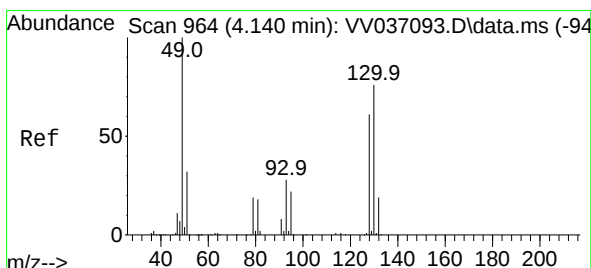
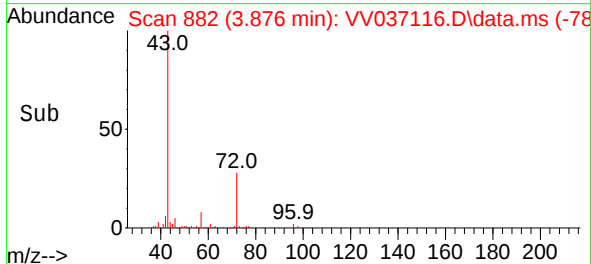
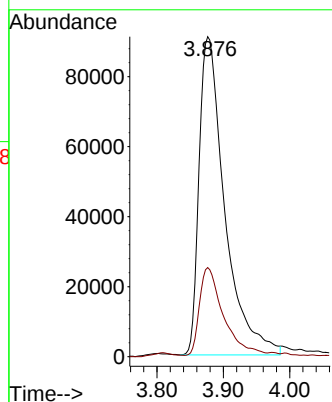
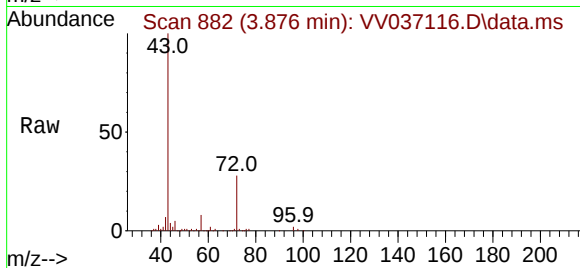
ClientSampleId :

Tgt Ion: 43 Resp: 244651

Ion Ratio Lower Upper

43 100

72 25.6 12.7 38.0



#23

Bromochloromethane

Concen: 52.541 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Tgt Ion:128 Resp: 118961

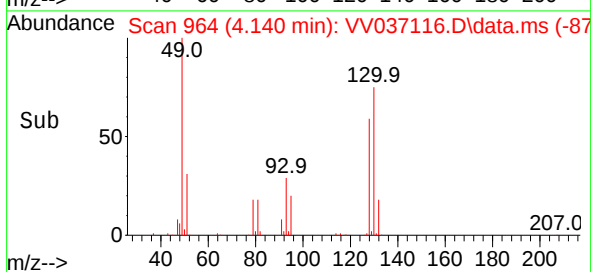
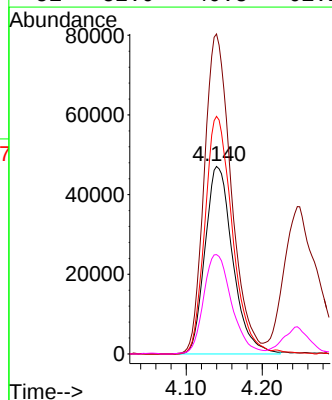
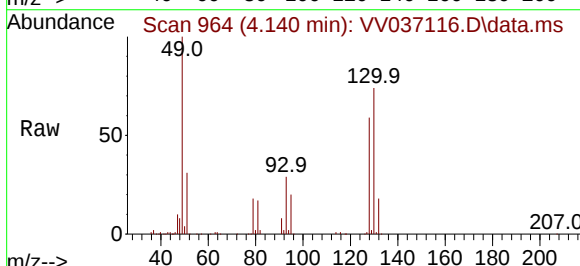
Ion Ratio Lower Upper

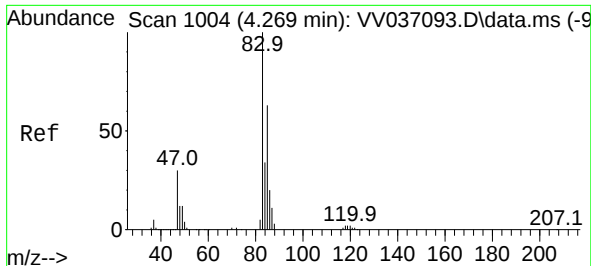
128 100

49 170.6 117.2 217.6

130 126.7 87.6 162.8

51 52.9 40.8 61.2





#25

Chloroform

Concen: 49.604 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

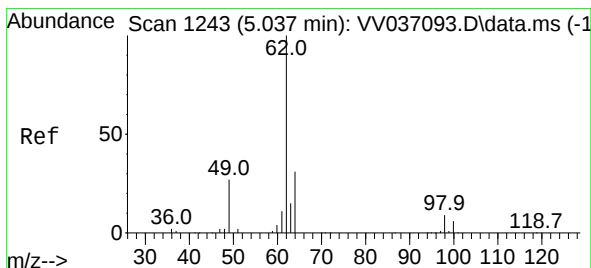
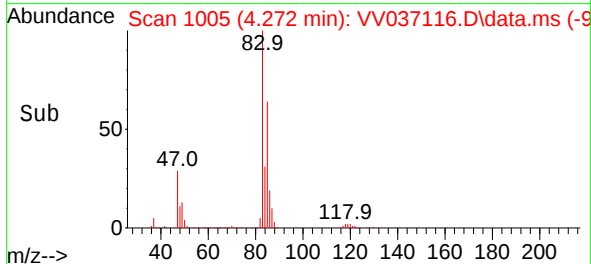
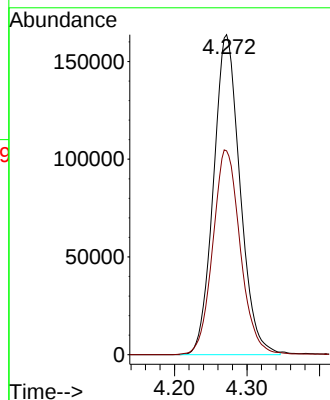
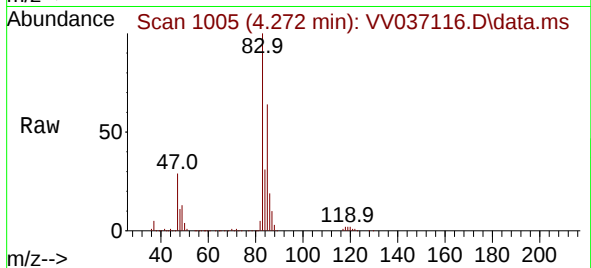
ClientSampleId :

Tgt Ion: 83 Resp: 416434

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.091 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037116.D

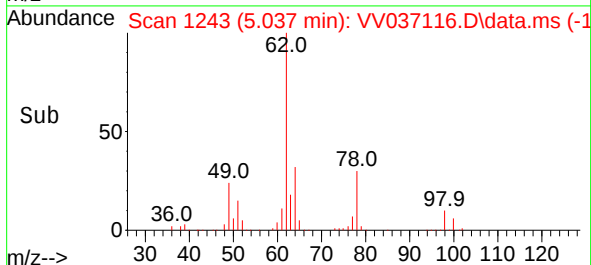
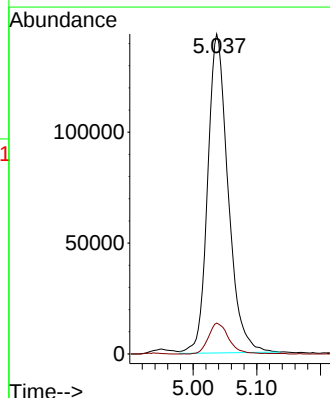
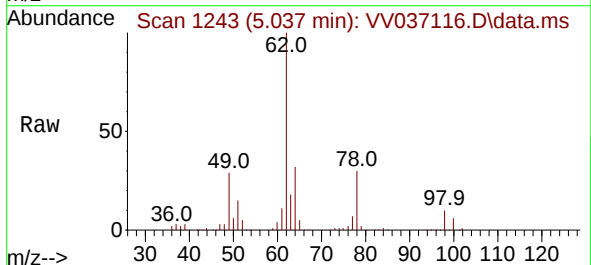
Acq: 28 Aug 2024 02:42

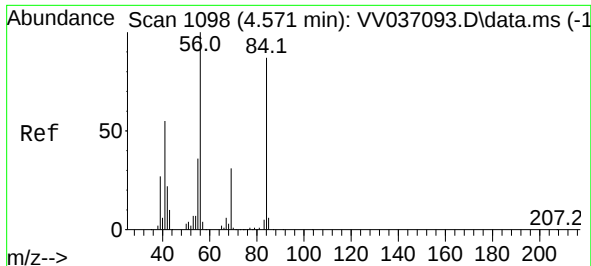
Tgt Ion: 62 Resp: 320785

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 50.515 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

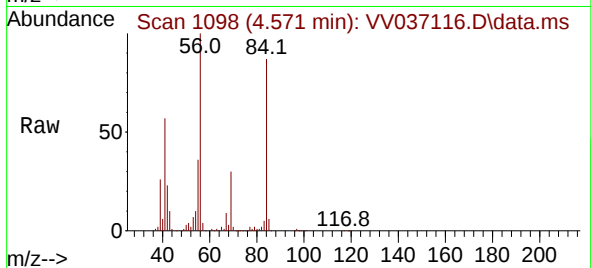
Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :



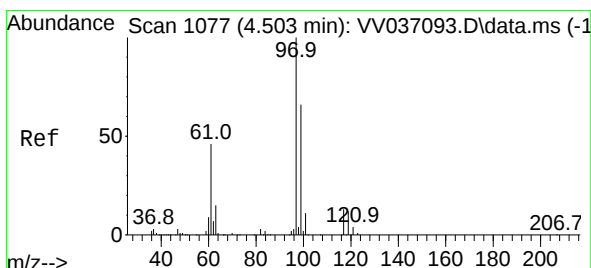
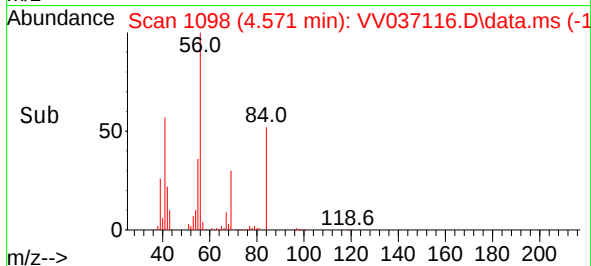
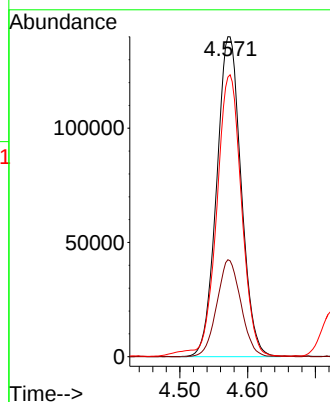
Tgt Ion: 56 Resp: 351747

Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.4

84 89.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.992 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

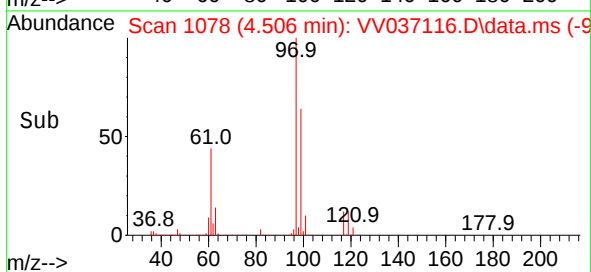
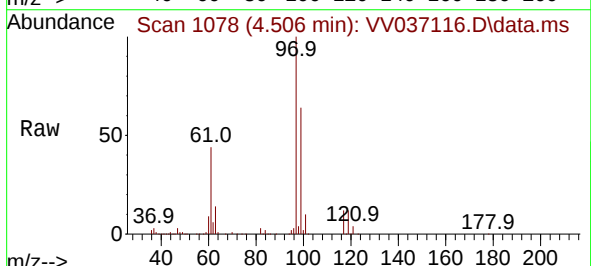
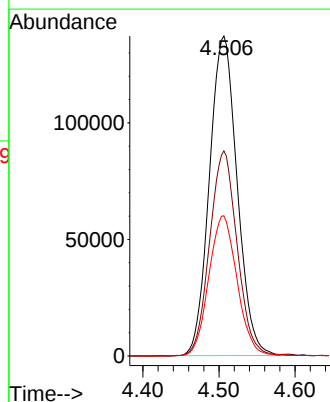
Tgt Ion: 97 Resp: 347475

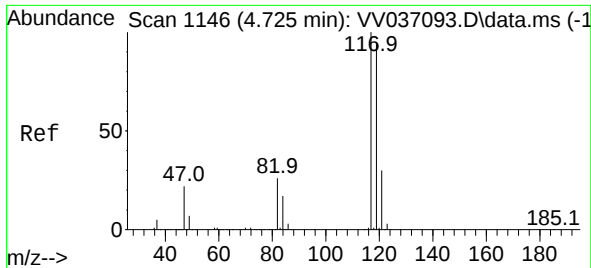
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 44.9 35.8 53.6

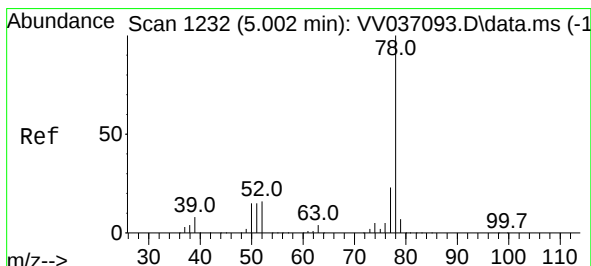
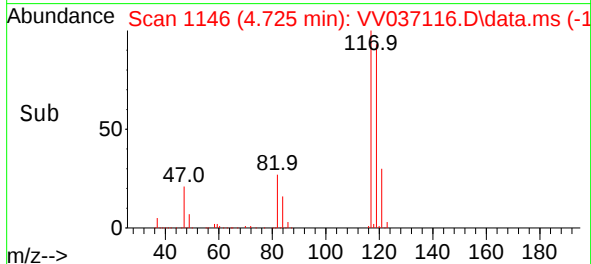
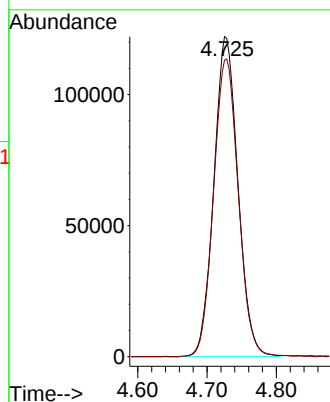
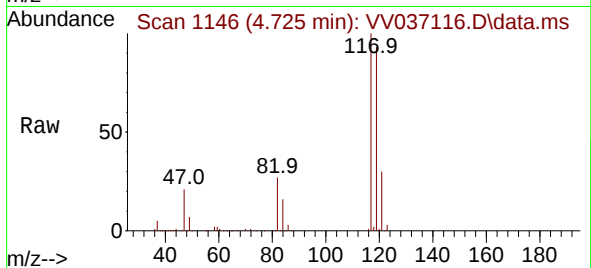




#31
Carbon tetrachloride
Concen: 51.302 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

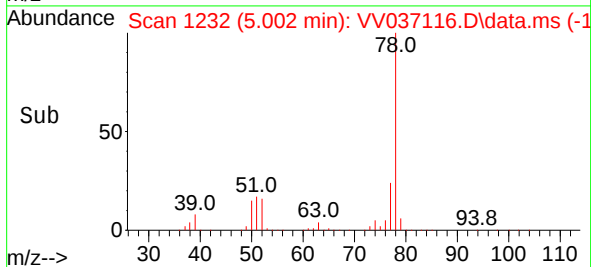
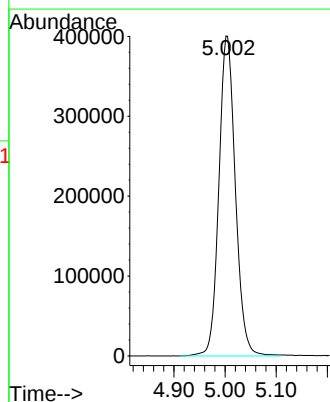
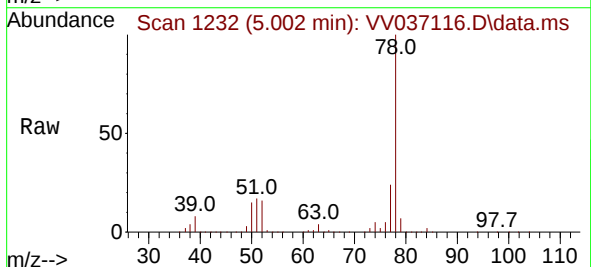
Instrument :
MSVOA_V
ClientSampleId :

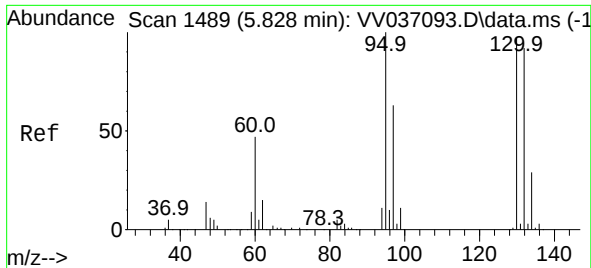
Tgt Ion:117 Resp: 294981
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6



#33
Benzene
Concen: 52.529 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

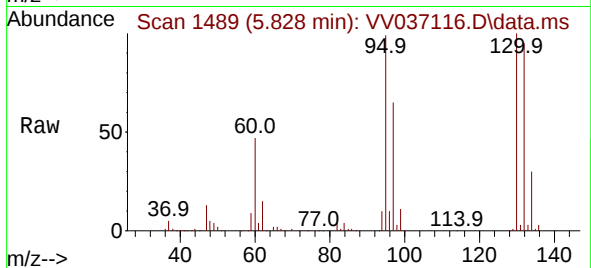
Tgt Ion: 78 Resp: 897762



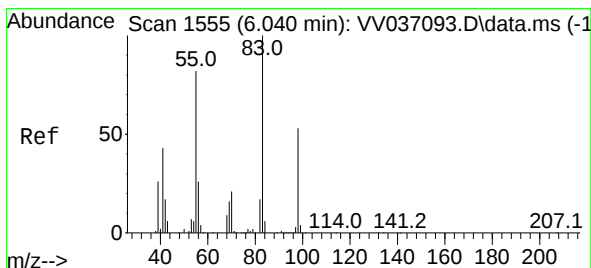
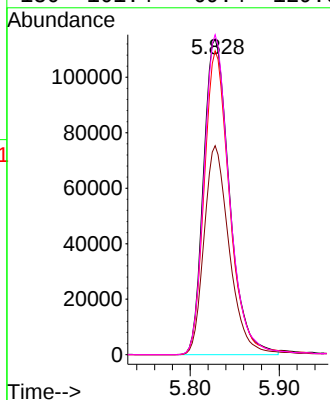
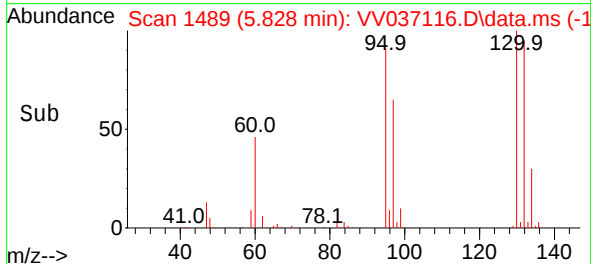


#34
Trichloroethene
Concen: 51.093 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

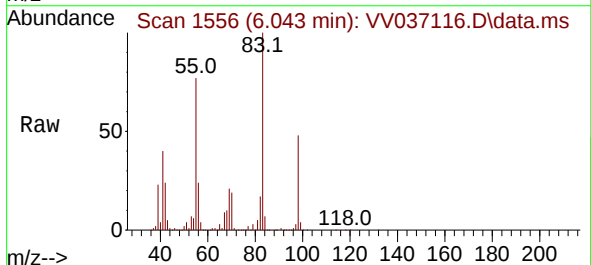
Instrument :
MSVOA_V
ClientSampleId :



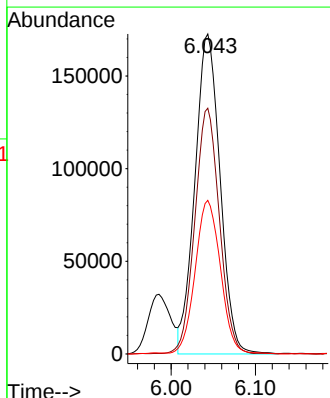
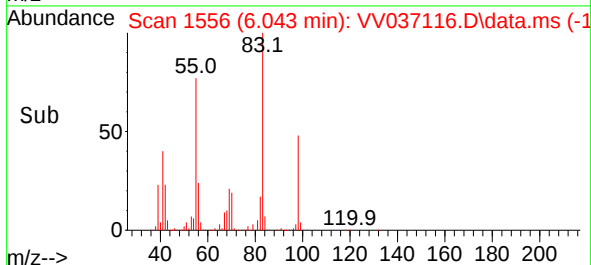
Tgt Ion: 95 Resp: 230480
Ion Ratio Lower Upper
95 100
97 66.2 44.4 82.5
132 96.2 64.9 120.5
130 101.4 69.4 129.0

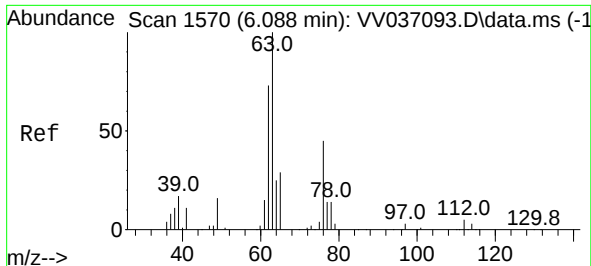


#35
Methylcyclohexane
Concen: 49.000 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42



Tgt Ion: 83 Resp: 359130
Ion Ratio Lower Upper
83 100
55 74.8 61.2 91.8
98 48.3 39.3 58.9

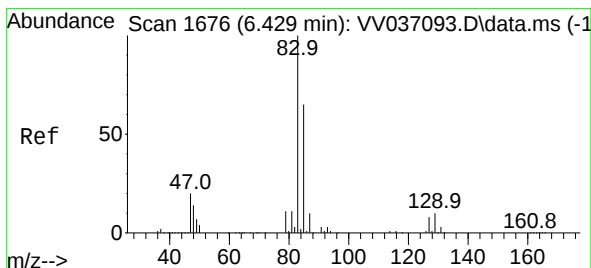
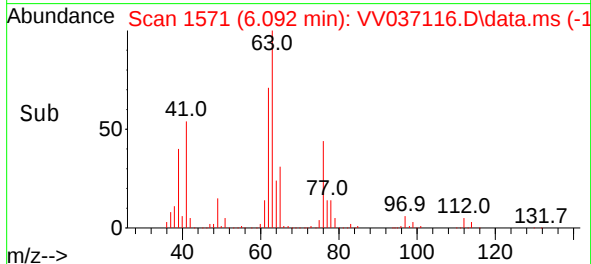
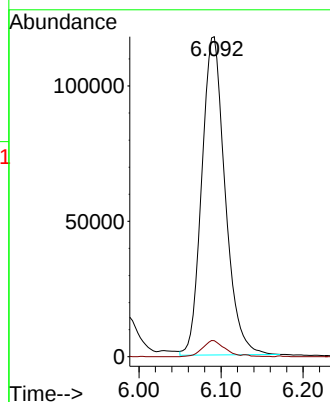
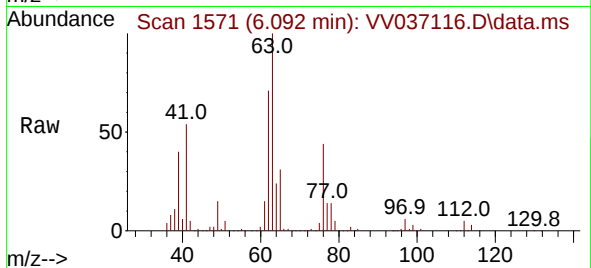




#37
1,2-Dichloropropane
Concen: 50.713 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

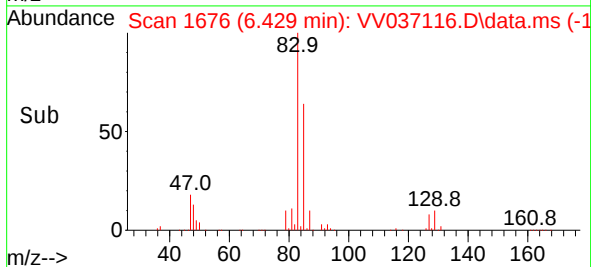
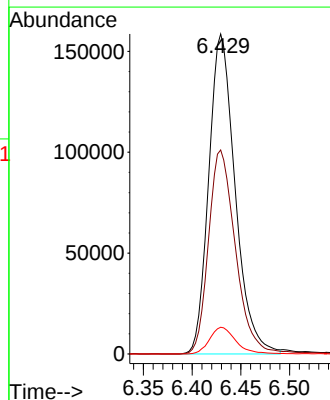
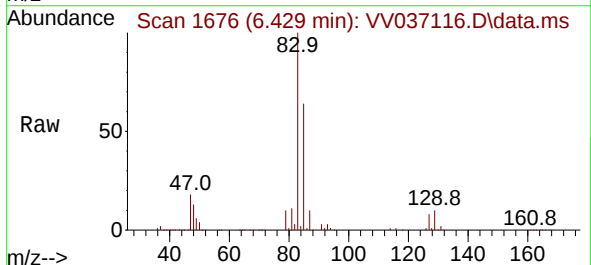
Instrument :
MSVOA_V
ClientSampleId :

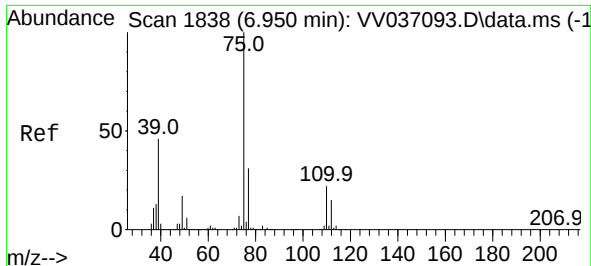
Tgt Ion: 63 Resp: 232361
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 50.899 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 83 Resp: 298908
Ion Ratio Lower Upper
83 100
85 63.7 44.5 82.7
127 8.3 6.1 9.1

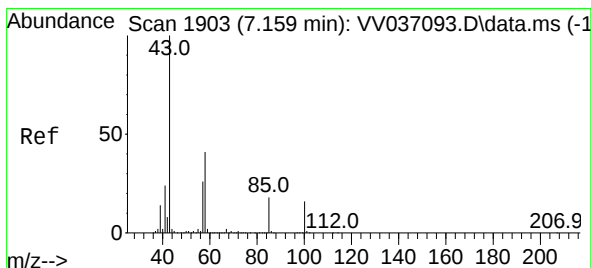
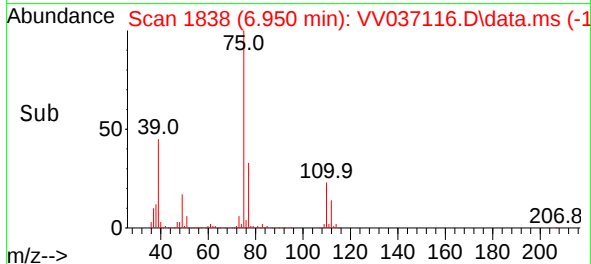
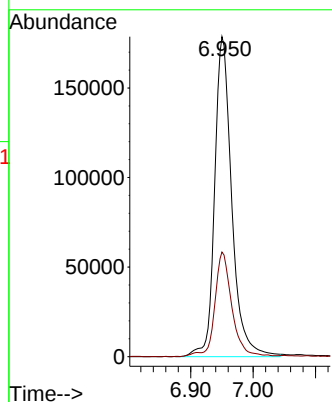
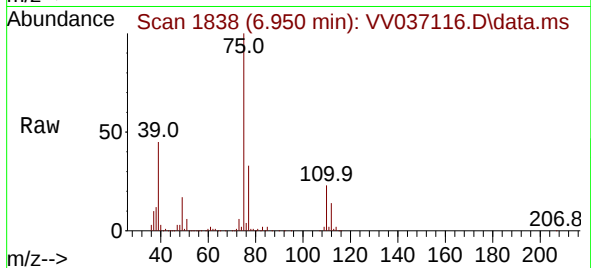




#39
cis-1,3-Dichloropropene
Concen: 47.094 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

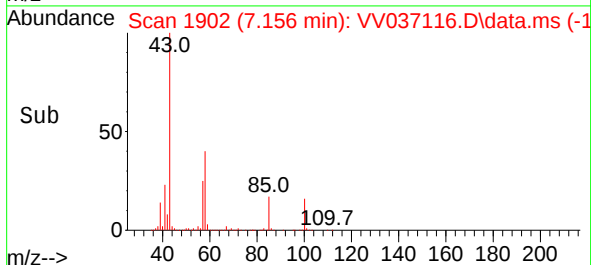
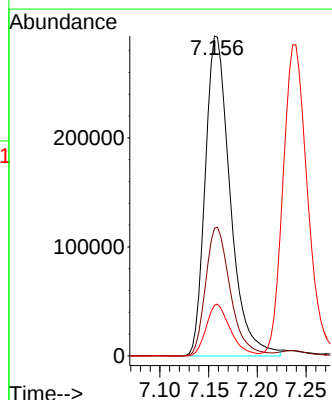
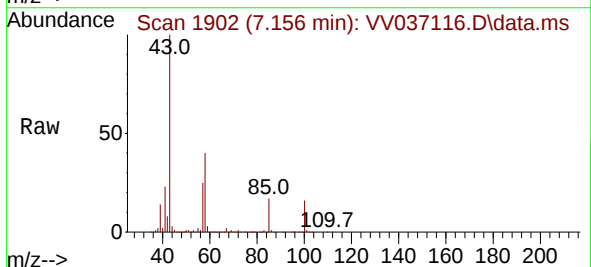
Instrument :
MSVOA_V
ClientSampleId :

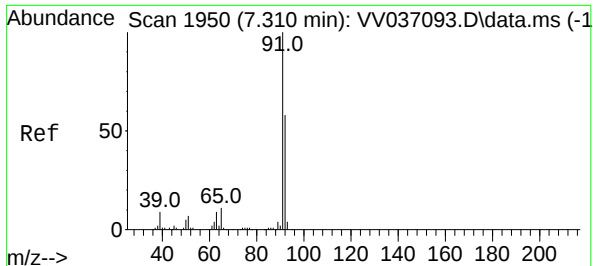
Tgt Ion: 75 Resp: 340523
Ion Ratio Lower Upper
75 100
77 32.7 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 112.373 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 43 Resp: 523455
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0
100 15.6 12.4 18.6





#42

Toluene

Concen: 52.322 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

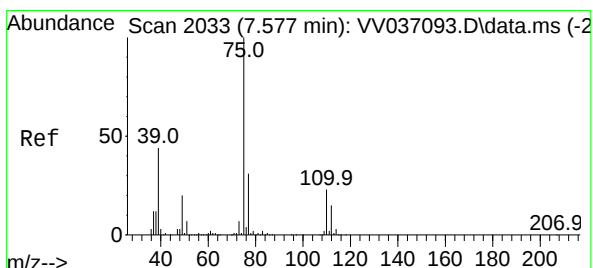
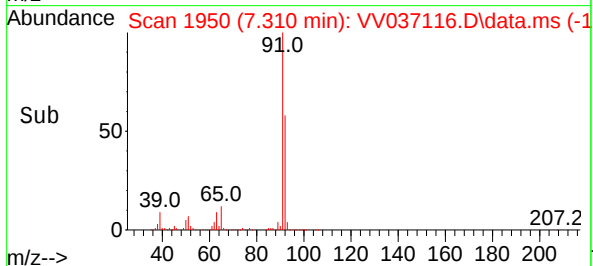
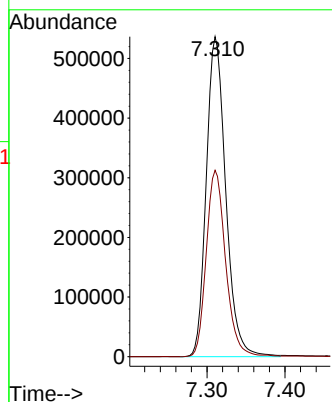
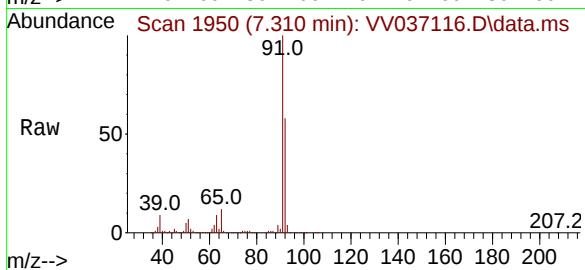
ClientSampleId :

Tgt Ion: 91 Resp: 931064

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 46.156 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037116.D

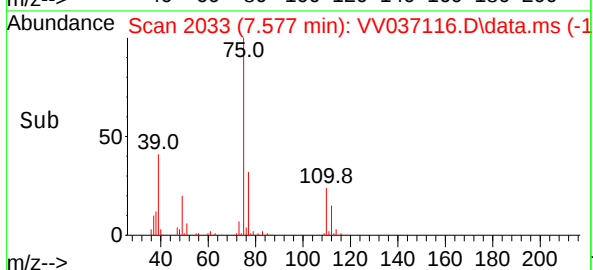
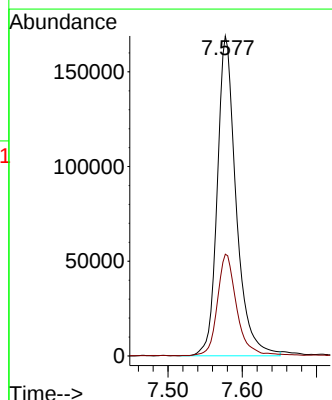
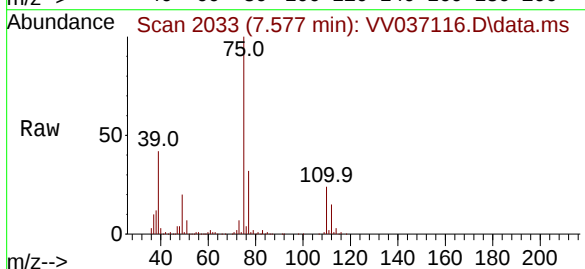
Acq: 28 Aug 2024 02:42

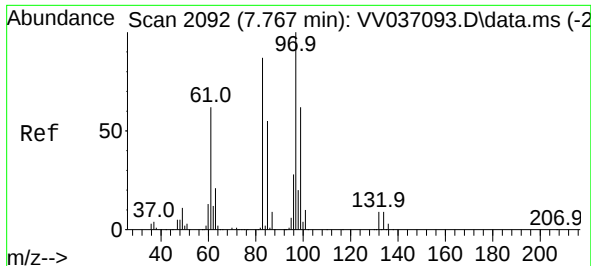
Tgt Ion: 75 Resp: 298305

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.743 ug/L

RT: 7.764 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 224964

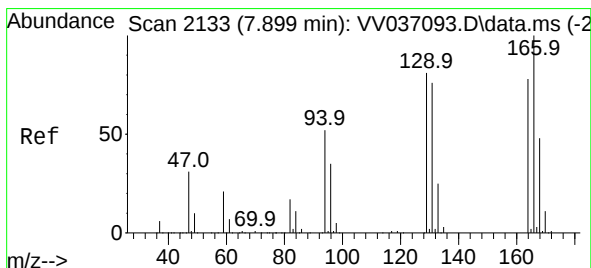
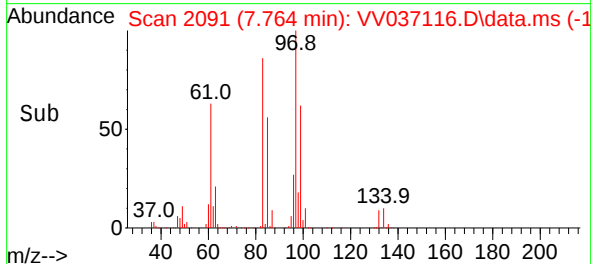
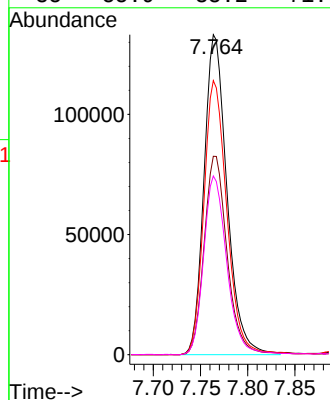
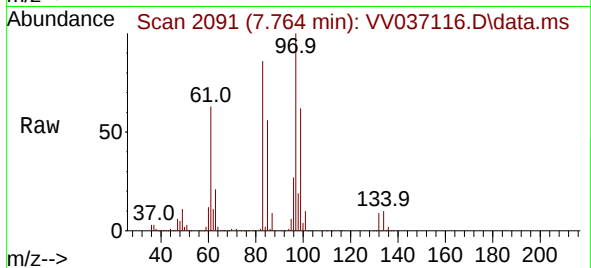
Ion Ratio Lower Upper

97 100

99 62.0 42.6 79.0

83 85.6 60.5 112.3

85 55.9 38.2 71.0



#46

Tetrachloroethene

Concen: 49.803 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Tgt Ion:164 Resp: 161195

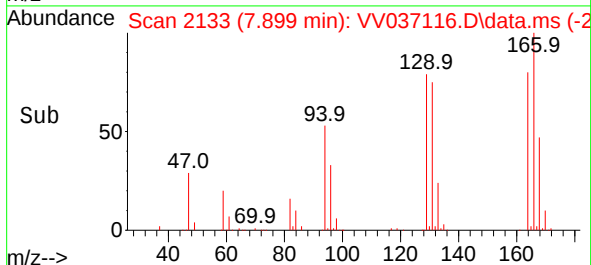
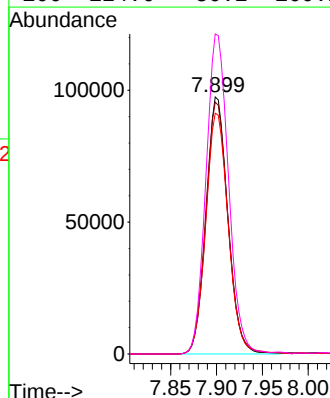
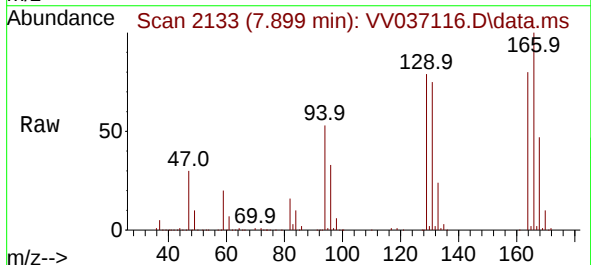
Ion Ratio Lower Upper

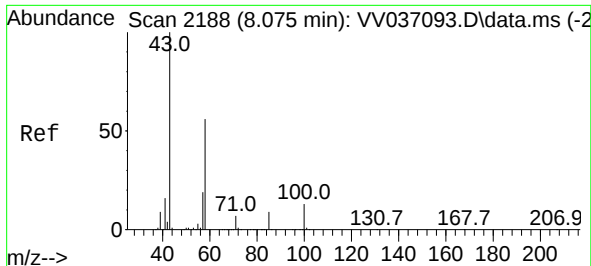
164 100

129 98.0 67.1 124.7

131 93.7 67.0 124.4

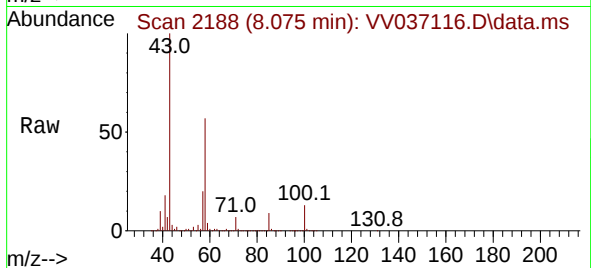
166 124.6 86.2 160.2



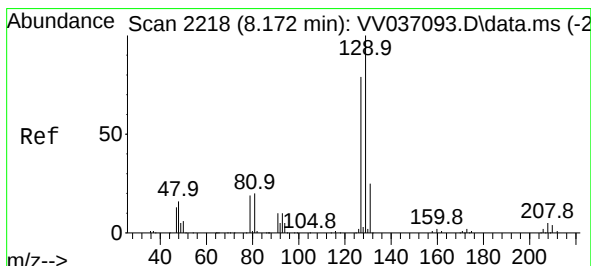
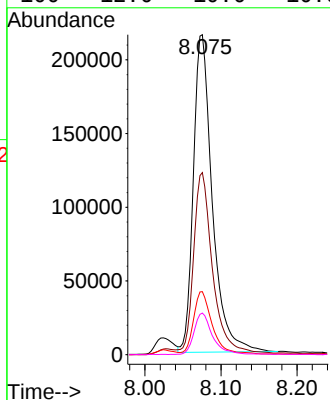
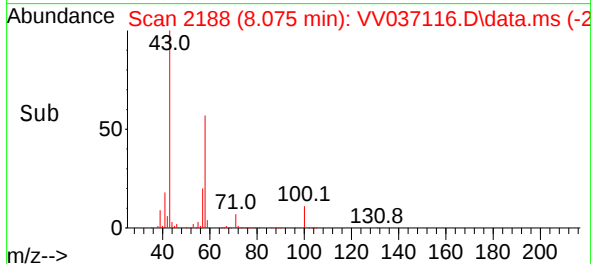


#48
2-Hexanone
Concen: 103.680 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Instrument :
MSVOA_V
ClientSampleId :

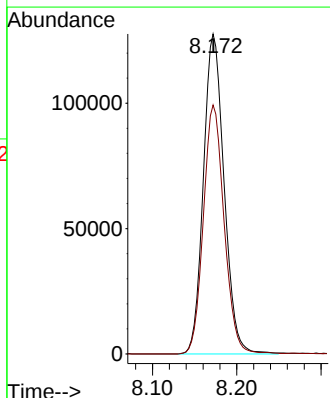
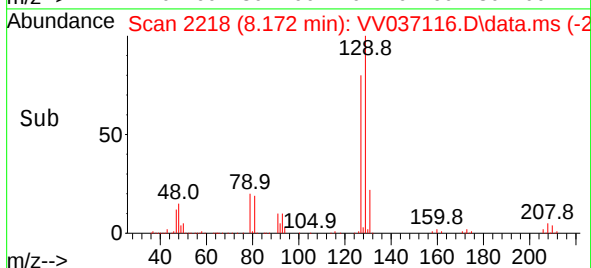
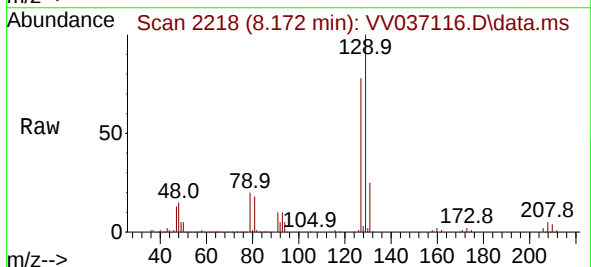


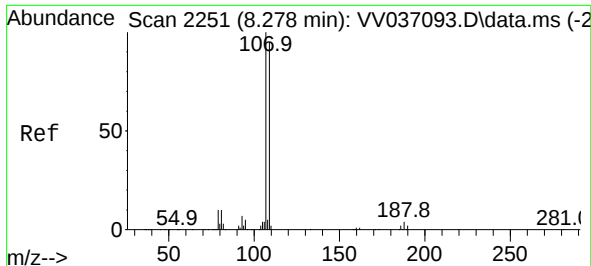
Tgt Ion: 43 Resp: 373514
Ion Ratio Lower Upper
43 100
58 56.9 46.0 69.0
57 19.6 15.6 23.4
100 12.6 10.6 16.0



#49
Dibromochloromethane
Concen: 51.046 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 129 Resp: 218011
Ion Ratio Lower Upper
129 100
127 77.8 54.7 101.7





#50

1,2-Dibromoethane

Concen: 54.397 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

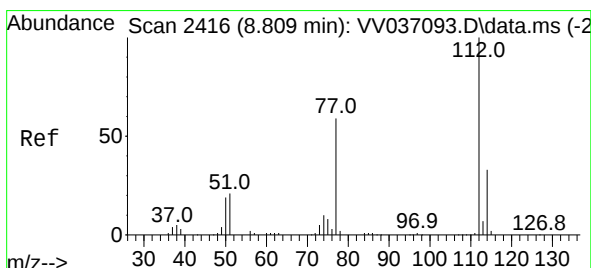
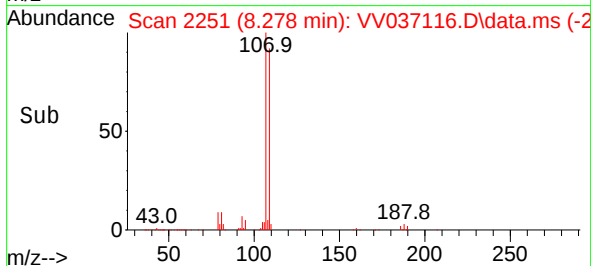
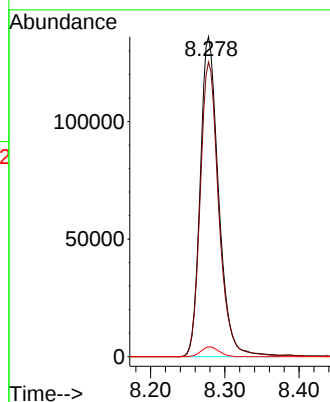
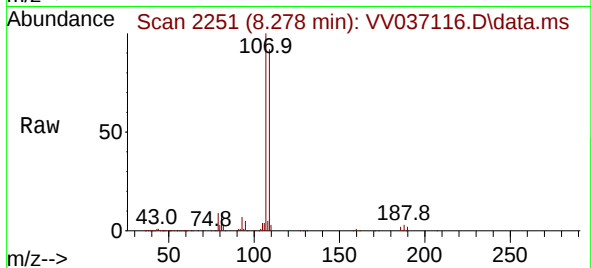
Tgt Ion:107 Resp: 234781

Ion Ratio Lower Upper

107 100

109 92.1 66.6 123.6

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 51.347 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

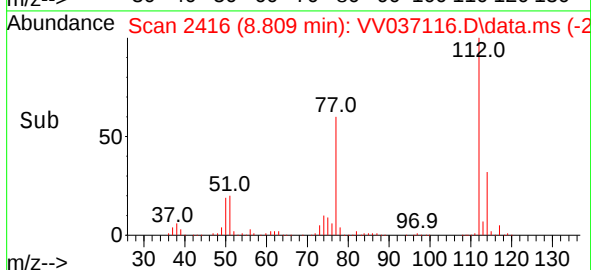
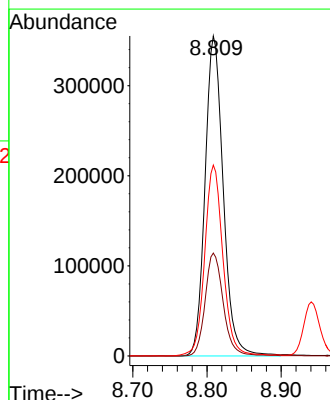
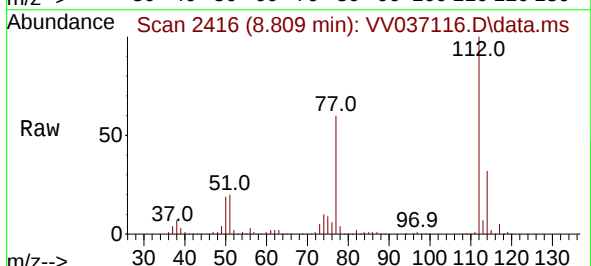
Tgt Ion:112 Resp: 604907

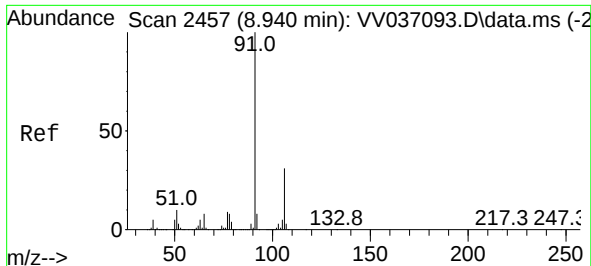
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 59.7 47.8 71.8





#52

Ethylbenzene

Concen: 52.176 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

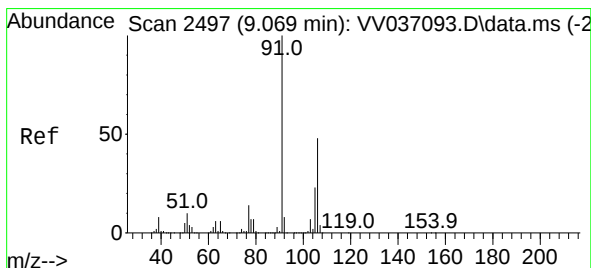
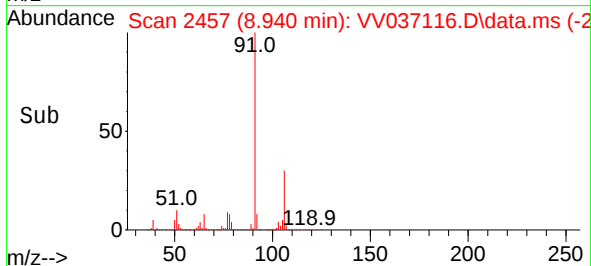
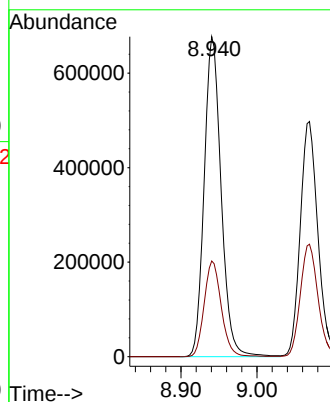
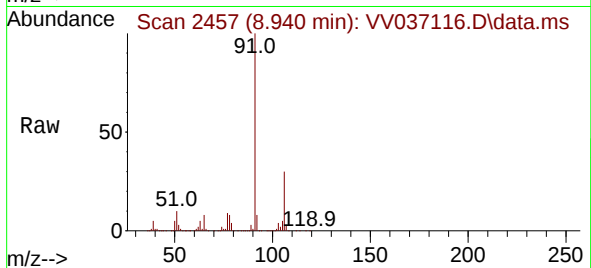
ClientSampleId :

Tgt Ion: 91 Resp: 1048737

Ion Ratio Lower Upper

91 100

106 29.9 21.4 39.8



#53

m,p-Xylene

Concen: 51.696 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV037116.D

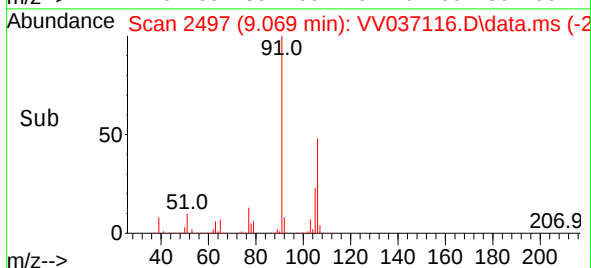
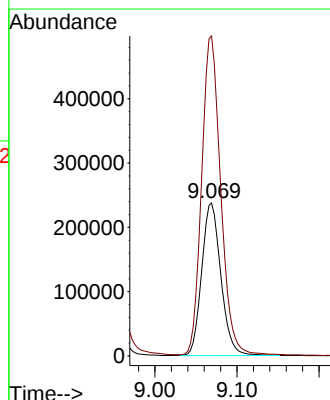
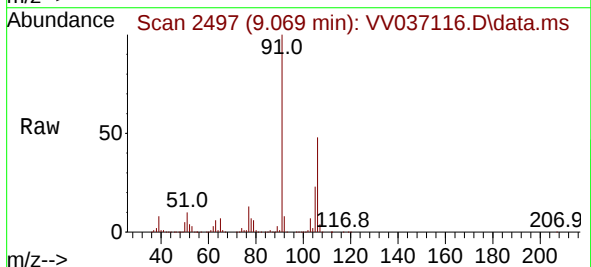
Acq: 28 Aug 2024 02:42

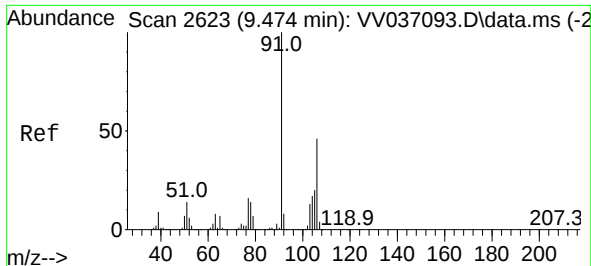
Tgt Ion:106 Resp: 384989

Ion Ratio Lower Upper

106 100

91 209.1 143.0 265.6





#54

o-Xylene

Concen: 52.296 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

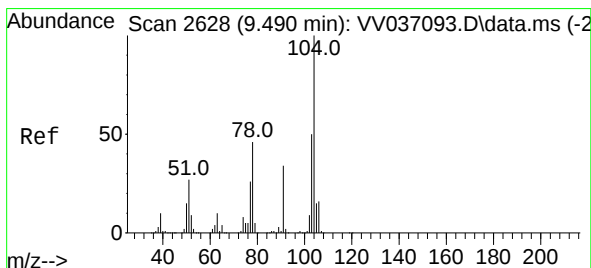
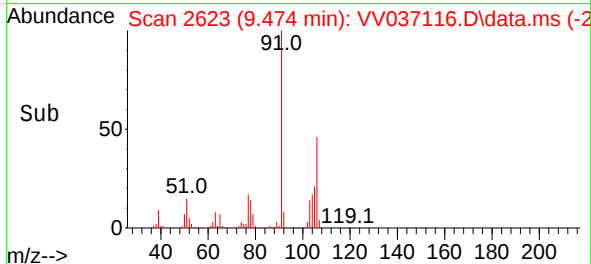
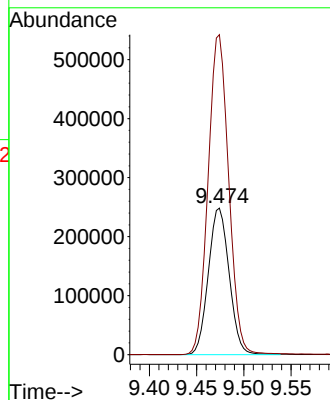
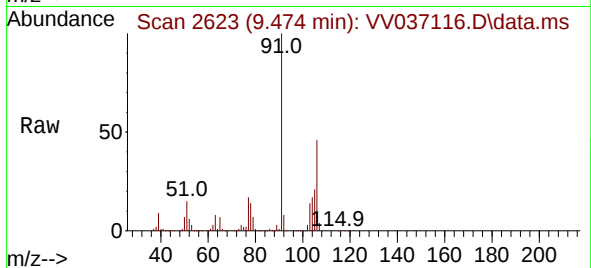
ClientSampleId :

Tgt Ion:106 Resp: 381324

Ion Ratio Lower Upper

106 100

91 218.4 153.2 284.6



#55

Styrene

Concen: 52.192 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.000 min

Lab File: VV037116.D

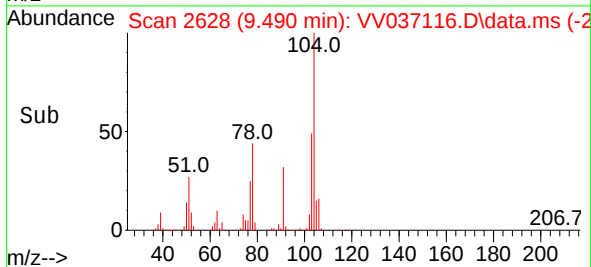
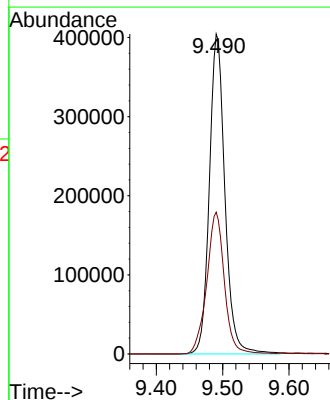
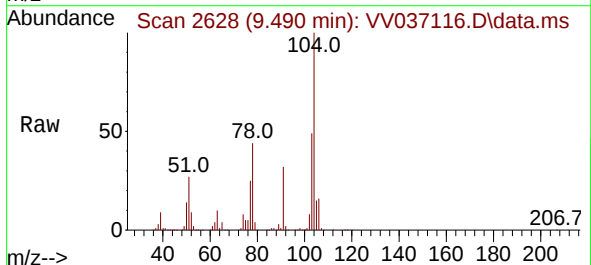
Acq: 28 Aug 2024 02:42

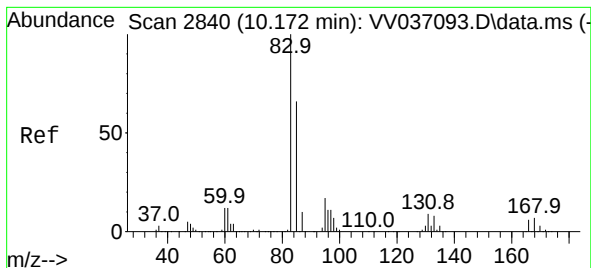
Tgt Ion:104 Resp: 660347

Ion Ratio Lower Upper

104 100

78 44.3 30.9 57.5

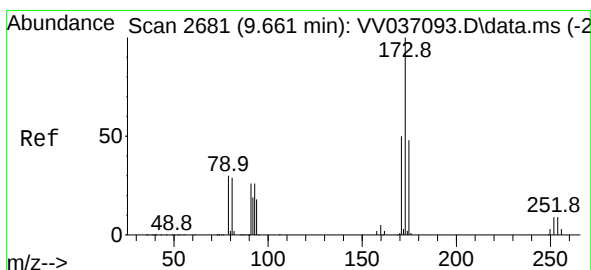
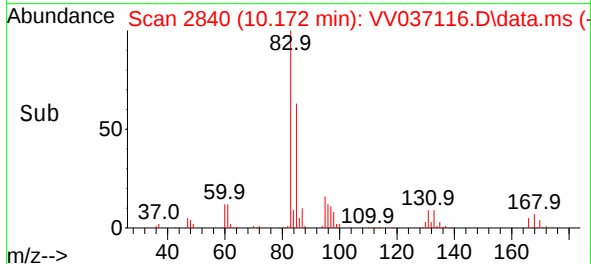
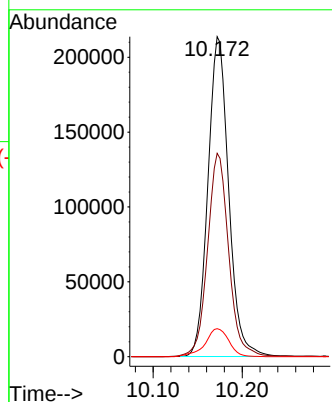
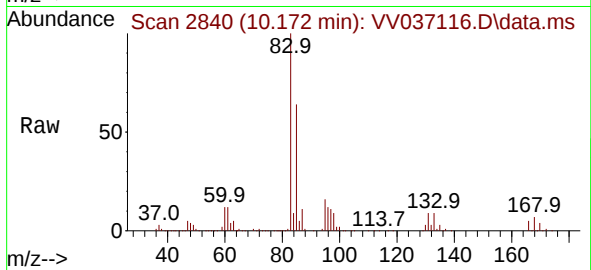




#57
1,1,2,2-Tetrachloroethane
Concen: 54.640 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

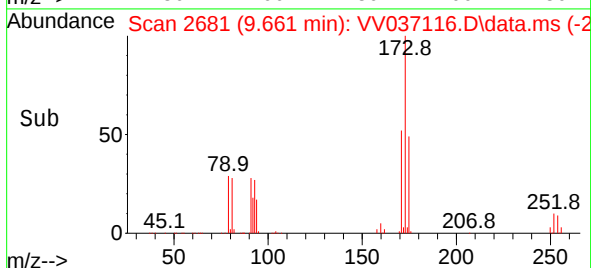
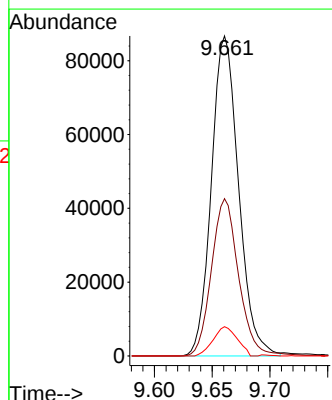
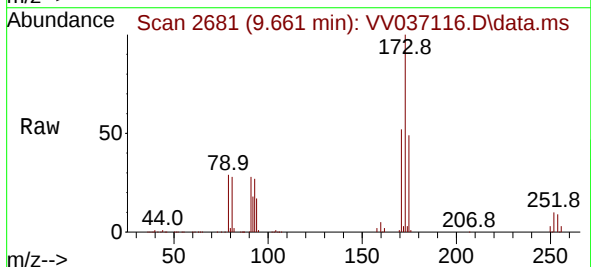
Instrument :
MSVOA_V
ClientSampleId :

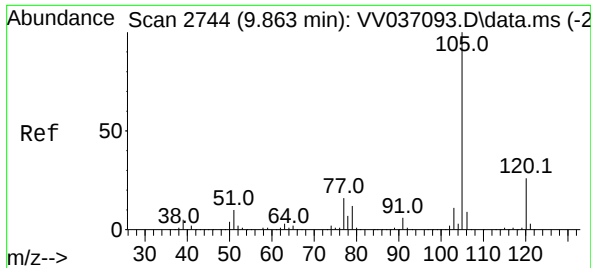
Tgt Ion: 83 Resp: 345164
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
131 8.8 7.4 11.0



#59
Bromoform
Concen: 51.150 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

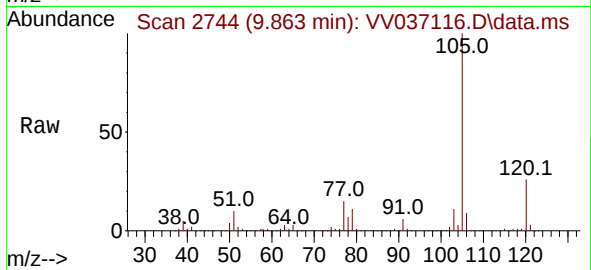
Tgt Ion: 173 Resp: 141972
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 8.1 6.8 10.2



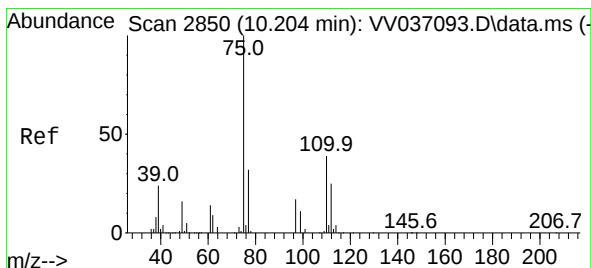
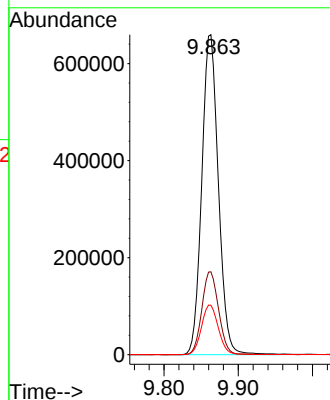
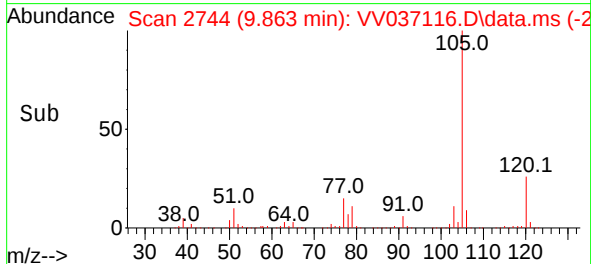


#60
Isopropylbenzene
Concen: 53.007 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

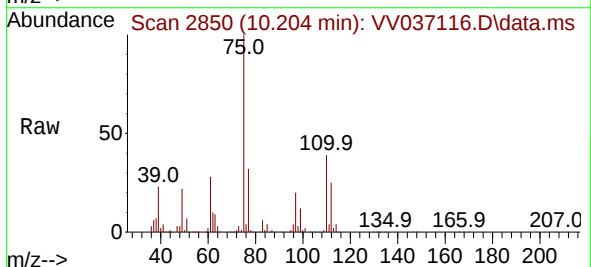
Instrument :
MSVOA_V
ClientSampleId :



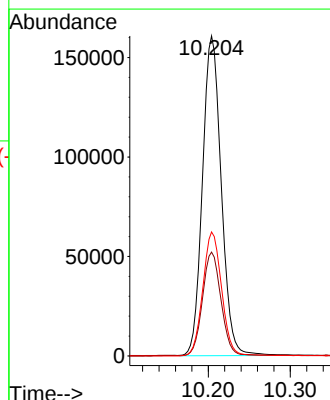
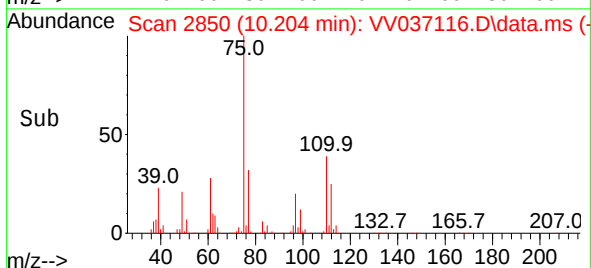
Tgt Ion:105 Resp: 1024298
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 15.7 12.6 19.0

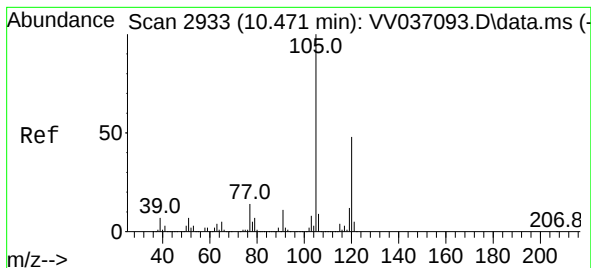


#61
1,2,3-Trichloropropane
Concen: 55.240 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42



Tgt Ion: 75 Resp: 256141
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
110 38.7 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 52.680 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

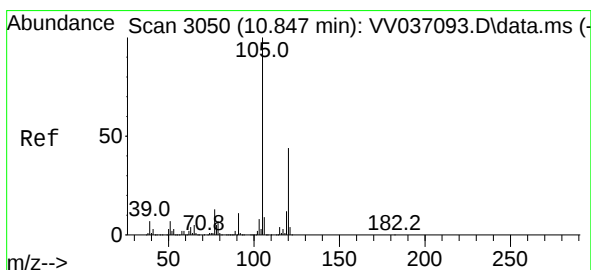
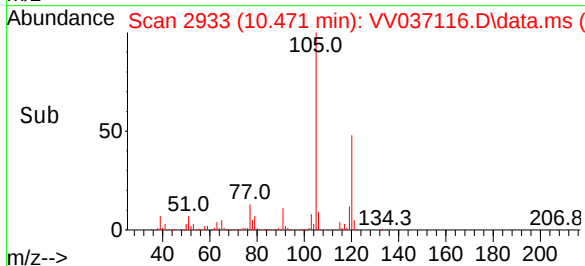
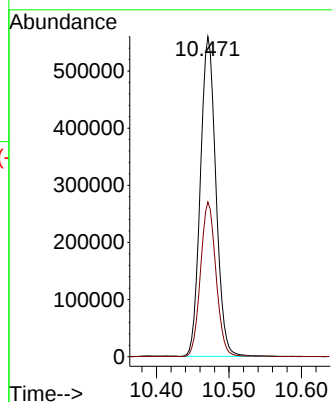
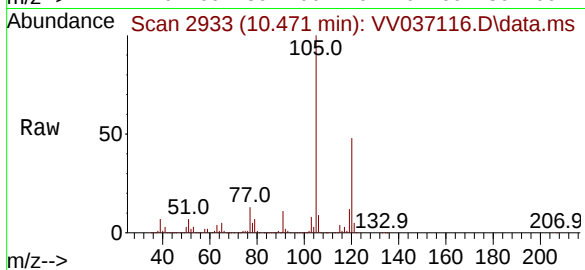
ClientSampleId :

Tgt Ion:105 Resp: 832870

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.058 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037116.D

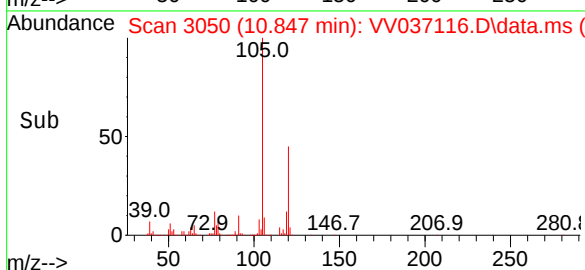
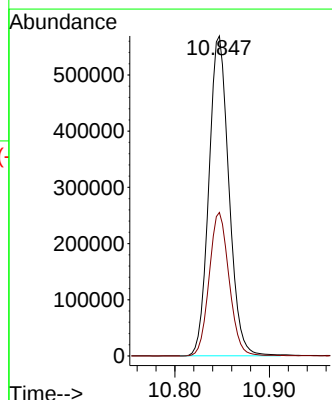
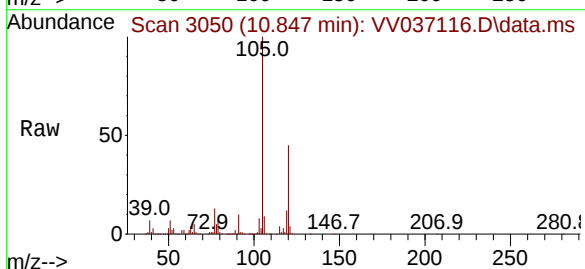
Acq: 28 Aug 2024 02:42

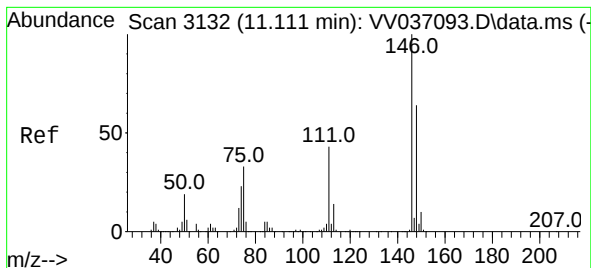
Tgt Ion:105 Resp: 837124

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 51.237 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

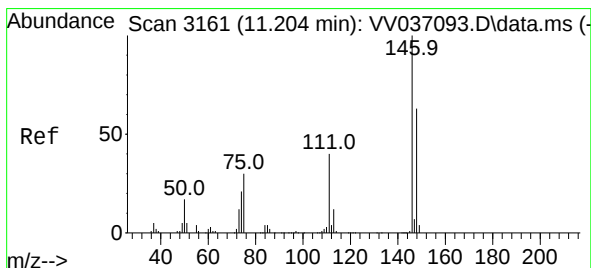
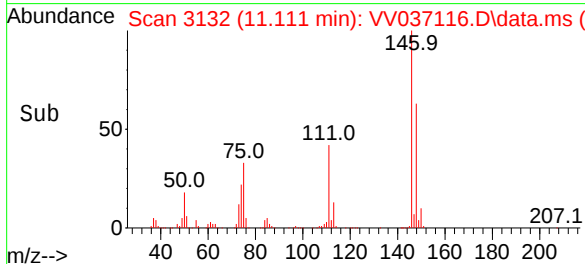
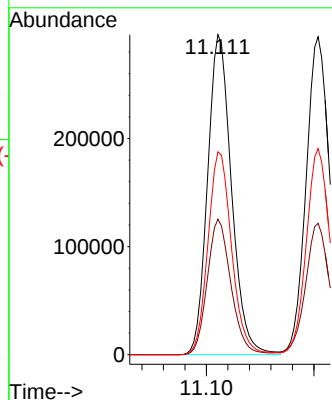
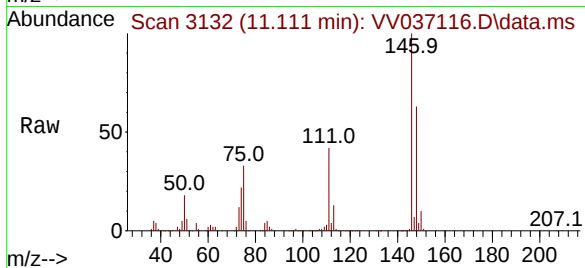
Tgt Ion:146 Resp: 457185

Ion Ratio Lower Upper

146 100

111 42.4 29.7 55.1

148 63.4 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 50.434 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

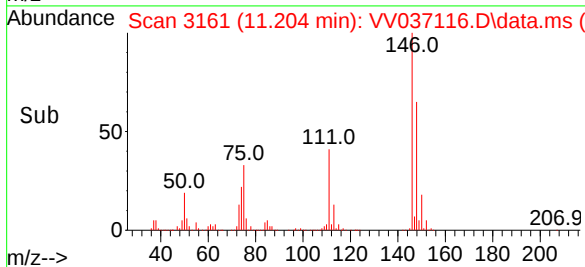
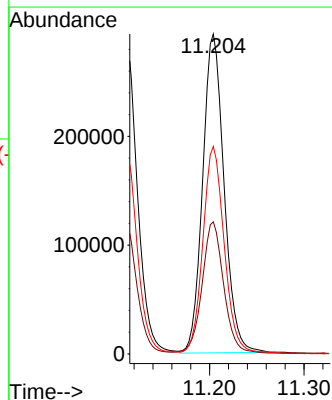
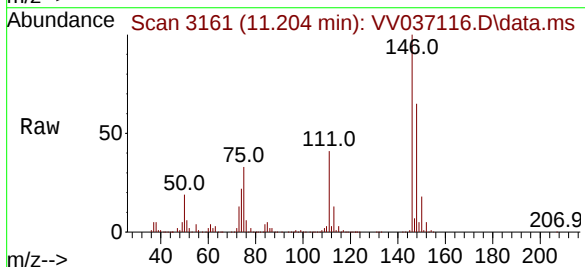
Tgt Ion:146 Resp: 460595

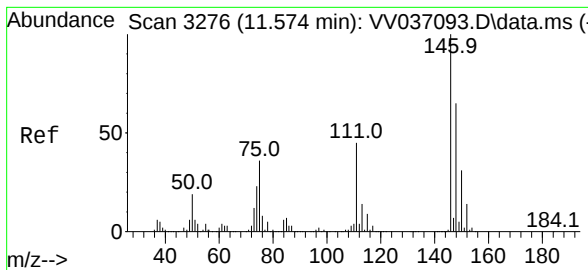
Ion Ratio Lower Upper

146 100

111 41.3 28.1 52.1

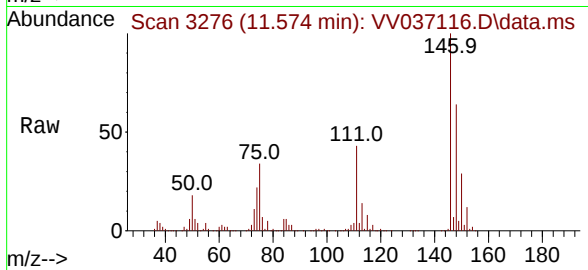
148 64.8 44.2 82.0



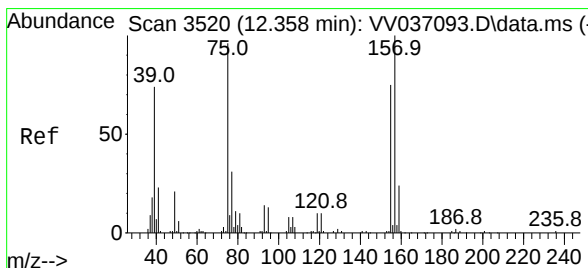
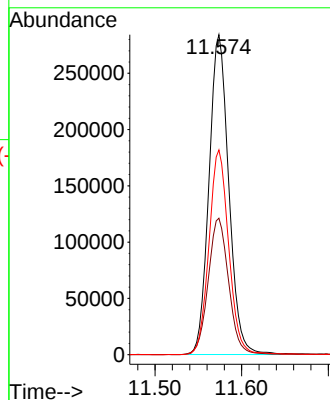
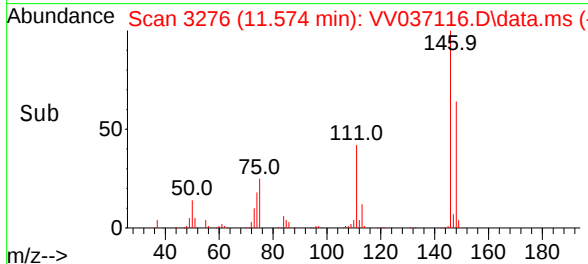


#67
1,2-Dichlorobenzene
Concen: 51.308 ug/L
RT: 11.574 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Instrument :
MSVOA_V
ClientSampleId :

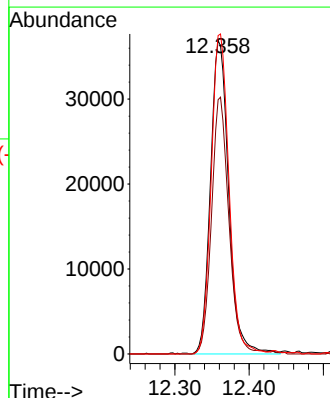
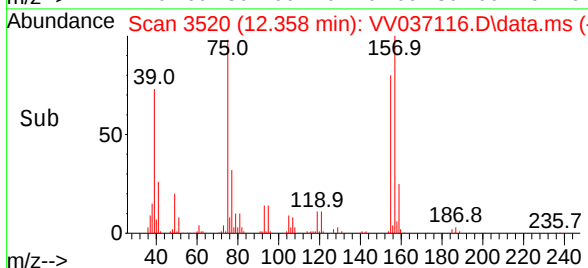
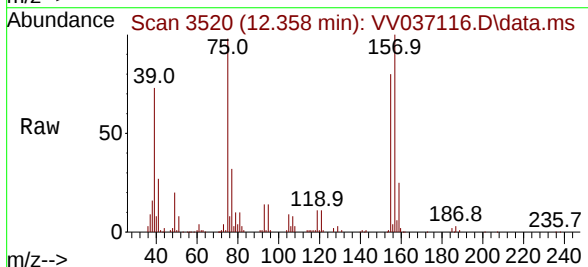


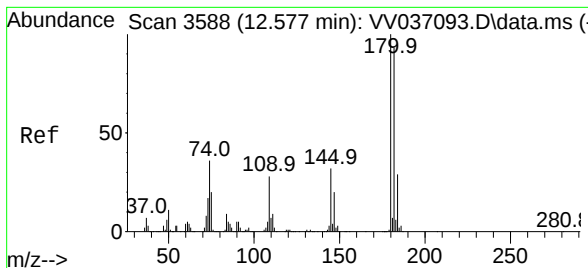
Tgt Ion:146 Resp: 450159
Ion Ratio Lower Upper
146 100
111 42.7 34.6 51.8
148 64.0 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 54.369 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037116.D
Acq: 28 Aug 2024 02:42

Tgt Ion: 75 Resp: 62870
Ion Ratio Lower Upper
75 100
155 81.1 61.8 92.6
157 101.6 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 48.830 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

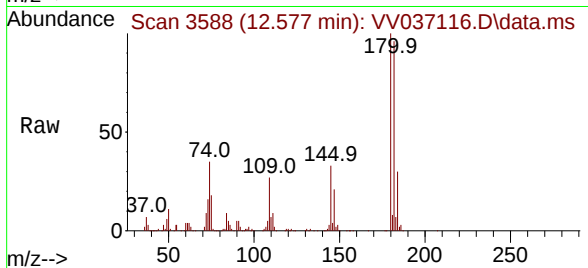
Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 303175

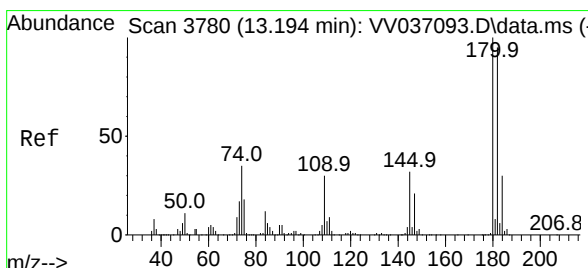
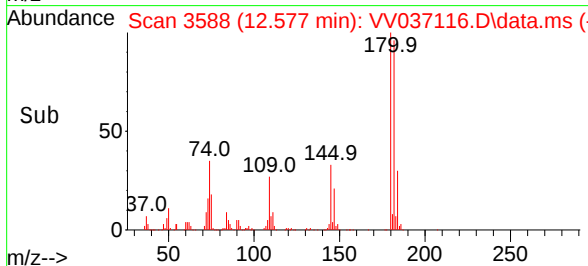
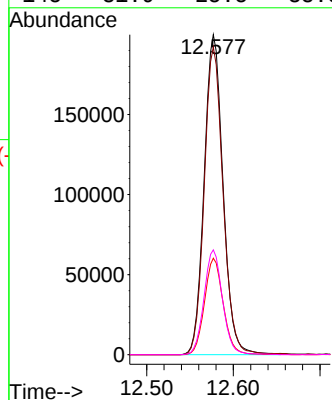
Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

184 29.8 24.2 36.2

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.211 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

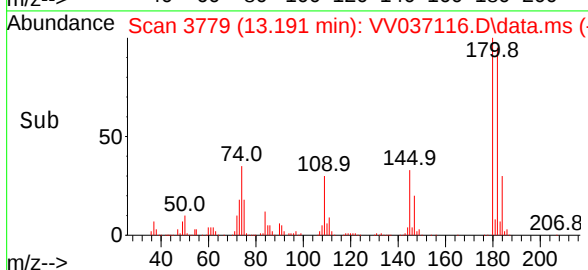
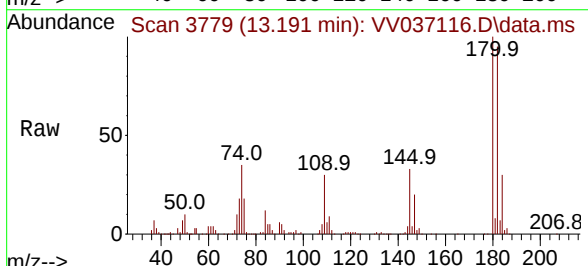
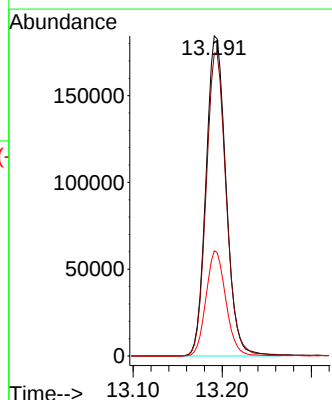
Tgt Ion:180 Resp: 287709

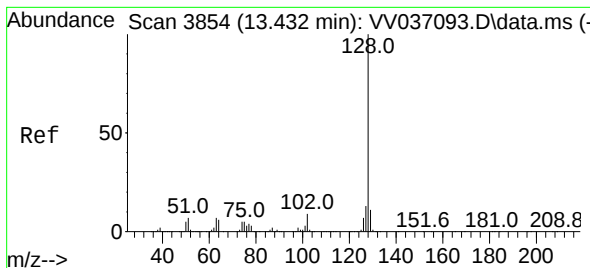
Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 54.810 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Instrument :

MSVOA_V

ClientSampleId :

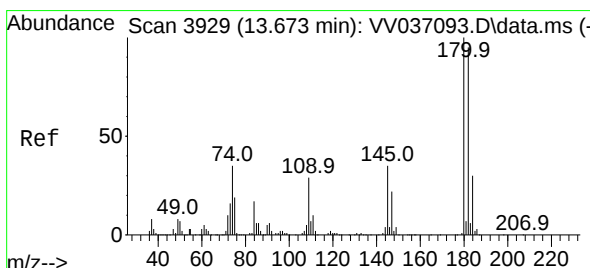
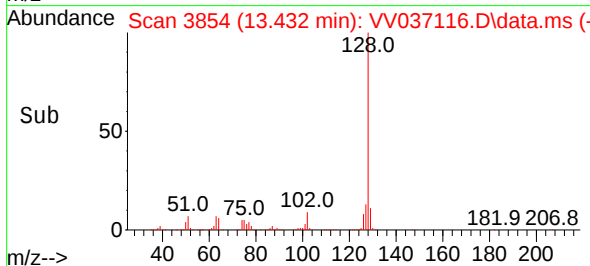
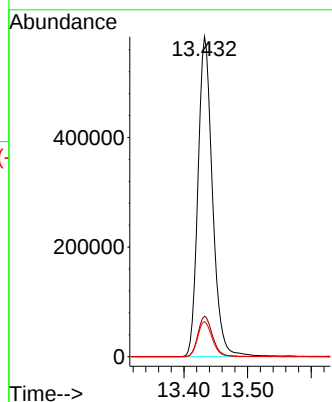
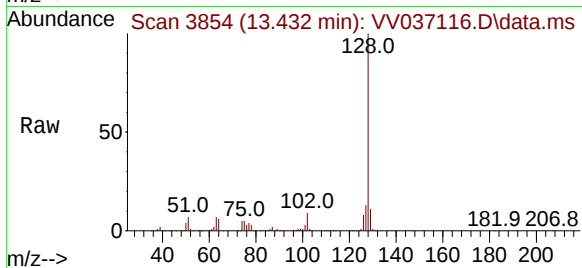
Tgt Ion:128 Resp: 925304

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 50.921 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037116.D

Acq: 28 Aug 2024 02:42

Tgt Ion:180 Resp: 293381

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 33.9 27.0 40.4

