

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037493.D
 Acq On : 23 Sep 2024 19:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 04:03:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	846552	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	794369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	416195	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	273215	35.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.560%
7) Chloroethane-d5	1.532	69	225575	37.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.380%
11) 1,1-Dichloroethene-d2	2.060	65	121559	37.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.700%
21) 2-Butanone-d5	3.793	46	275048	91.718	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.720%
24) Chloroform-d	4.246	84	568558	46.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
26) 1,2-Dichloroethane-d4	4.937	65	338290	44.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
32) Benzene-d6	4.953	84	1104545	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	5.982	67	349543	46.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.020%
41) Toluene-d8	7.236	98	1003786	46.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	7.548	79	166879	47.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
47) 2-Hexanone-d5	8.024	63	201719	98.353	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.350%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	420957	46.187	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.380%
66) 1,2-Dichlorobenzene-d4	11.554	152	386004	46.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	324456	45.355	ug/L	100
3) Chloromethane	1.217	50	308111	38.297	ug/L	98
5) Vinyl chloride	1.285	62	338954	44.879	ug/L	98
6) Bromomethane	1.487	94	162798	38.468	ug/L	99
8) Chloroethane	1.548	64	214082	46.341	ug/L	99
9) Trichlorofluoromethane	1.715	101	467642	47.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	281044	47.941	ug/L	98
12) 1,1-Dichloroethene	2.069	96	260752	47.212	ug/L	96
13) Acetone	2.114	43	178190	55.404	ug/L	98
14) Carbon disulfide	2.240	76	708778	42.273	ug/L	100
15) Methyl Acetate	2.371	43	234118	43.420	ug/L	98
16) Methylene chloride	2.445	84	292813	46.990	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	272516	47.530	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	894833	49.614	ug/L	99
19) 1,1-Dichloroethane	3.108	63	538576	47.300	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	332738	52.519	ug/L	97
22) 2-Butanone	3.873	43	273444	77.221	ug/L	97
23) Bromochloromethane	4.140	128	163880	52.694	ug/L	95
25) Chloroform	4.272	83	574551	49.825	ug/L	100

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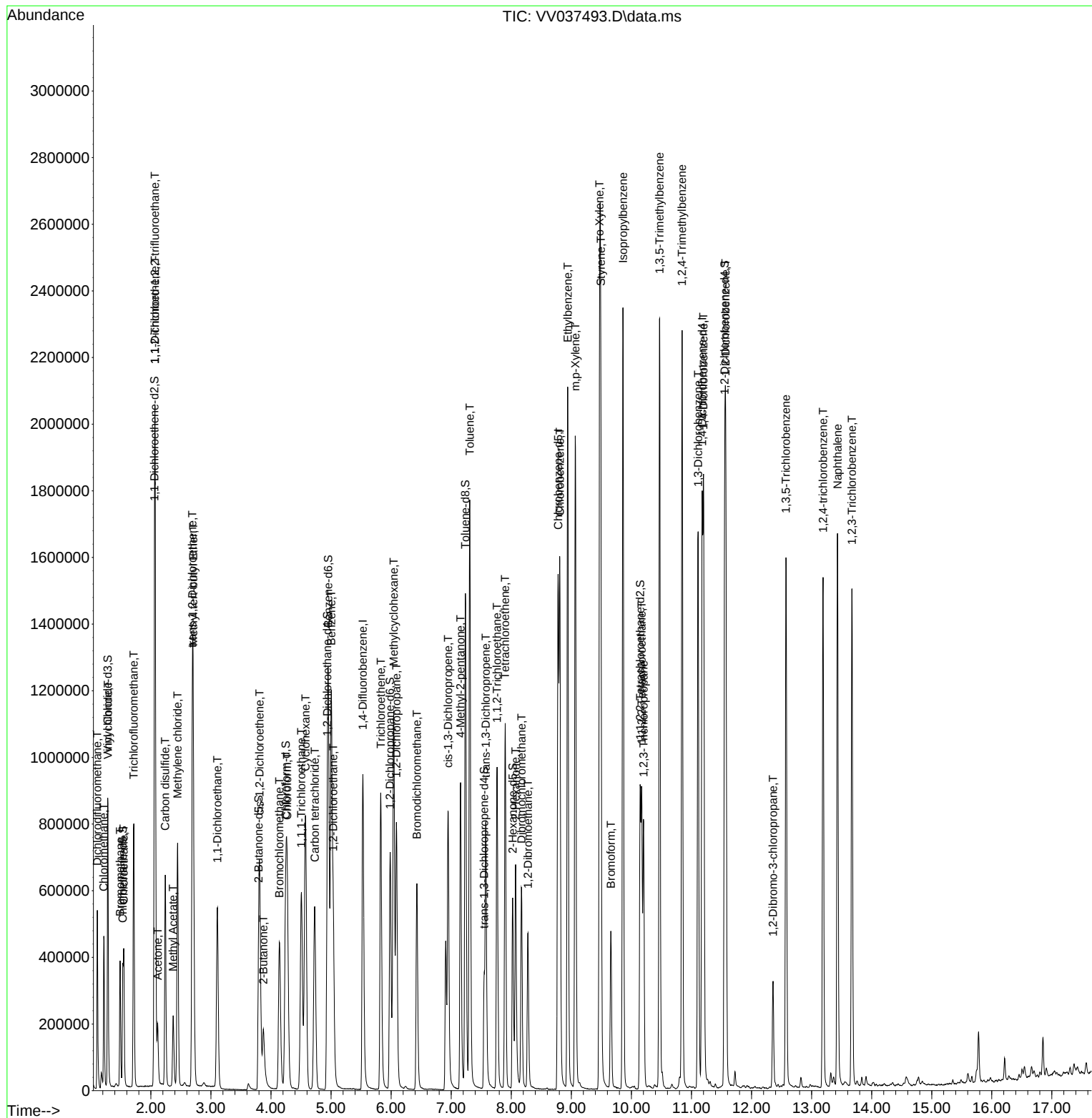
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	423378	50.052	ug/L	100
29) Cyclohexane	4.574	56	479743	51.364	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	493258	53.965	ug/L	98
31) Carbon tetrachloride	4.728	117	422596	54.792	ug/L	99
33) Benzene	5.005	78	1223827	53.384	ug/L	100
34) Trichloroethene	5.828	95	327477	54.121	ug/L	98
35) Methylcyclohexane	6.043	83	506187	51.488	ug/L	97
37) 1,2-Dichloropropane	6.088	63	319927	52.055	ug/L	98
38) Bromodichloromethane	6.429	83	424894	53.940	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	529306	54.574	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	599501	95.947	ug/L	97
42) Toluene	7.310	91	1297815	54.372	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	480786	55.459	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	306020	53.489	ug/L	99
46) Tetrachloroethene	7.899	164	235900	54.336	ug/L	97
48) 2-Hexanone	8.072	43	415083	85.898	ug/L	98
49) Dibromochloromethane	8.172	129	311371	54.352	ug/L	99
50) 1,2-Dibromoethane	8.278	107	316348	54.643	ug/L	99
51) Chlorobenzene	8.808	112	858141	54.306	ug/L	99
52) Ethylbenzene	8.940	91	1474576	54.693	ug/L	100
53) m,p-Xylene	9.066	106	556882	55.748	ug/L	99
54) o-Xylene	9.471	106	547624	55.990	ug/L	100
55) Styrene	9.490	104	945364	55.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	431818	50.962	ug/L	99
59) Bromoform	9.660	173	206105	53.181	ug/L	100
60) Isopropylbenzene	9.860	105	1487119	55.116	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	323331	49.940	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1228729	55.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1232389	55.941	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	661486	53.093	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	674760	52.915	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	646230	52.751	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	79394	49.172	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	457451	52.768	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	439722	53.866	ug/L	100
71) Naphthalene	13.432	128	1290604	54.751	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	425846	52.935	ug/L	98

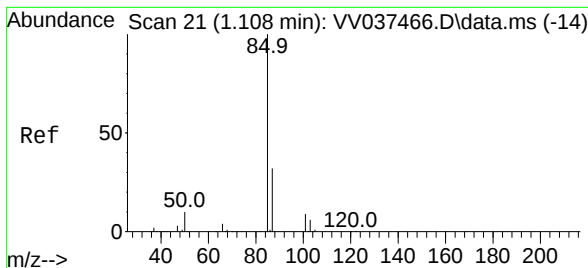
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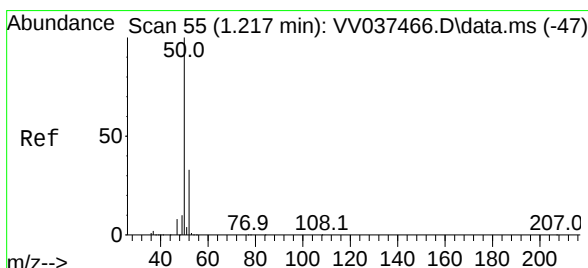
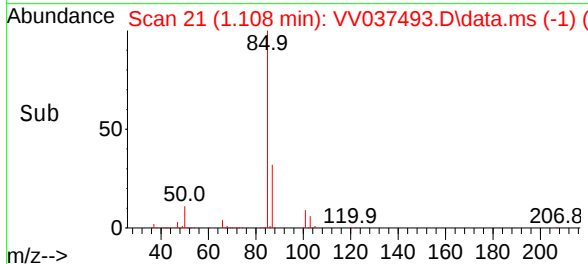
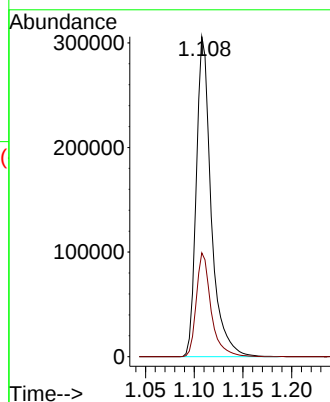
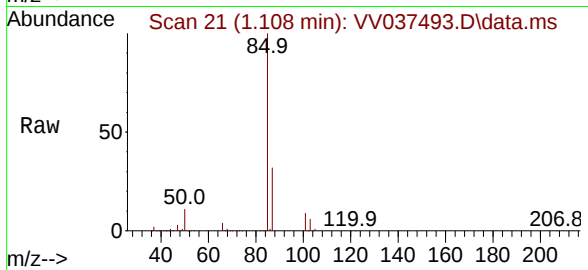




#2
 Dichlorodifluoromethane
 Concen: 45.355 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

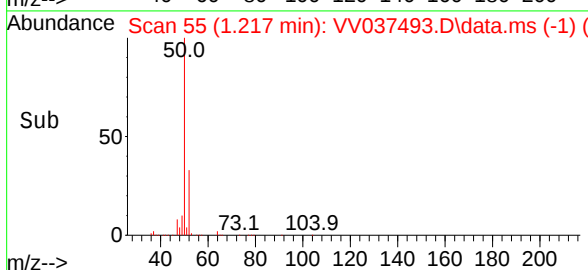
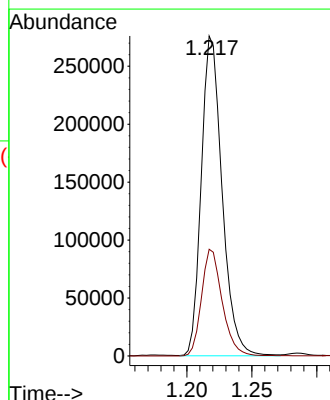
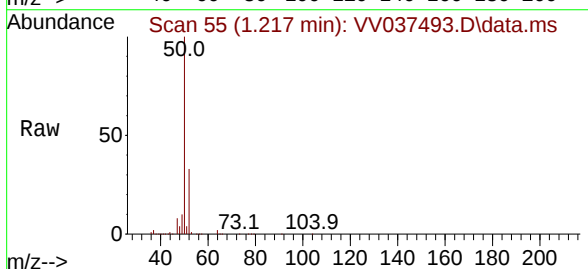
Instrument :
 MSVOA_V
 ClientSampleId :

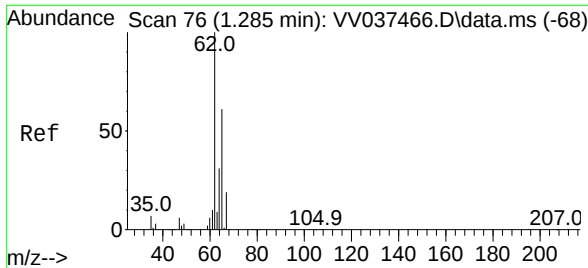
Tgt Ion: 85 Resp: 324456
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 38.297 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

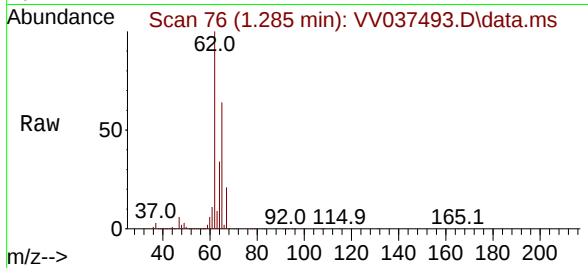
Tgt Ion: 50 Resp: 308111
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.9



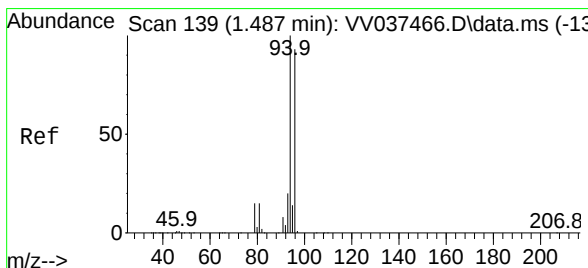
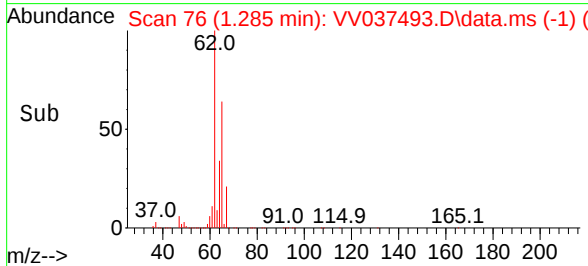
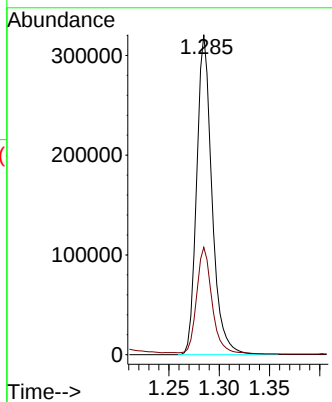


#5
 Vinyl chloride
 Concen: 44.879 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

Instrument :
 MSVOA_V
 ClientSampleId :

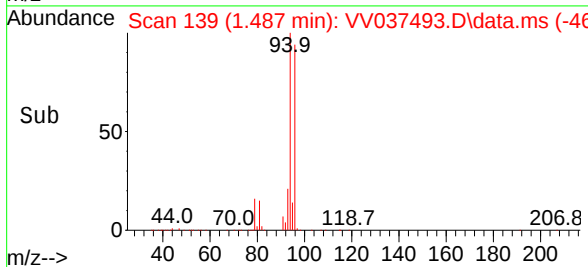
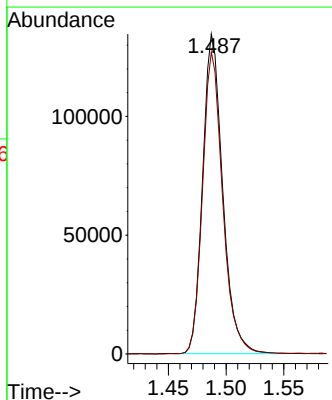
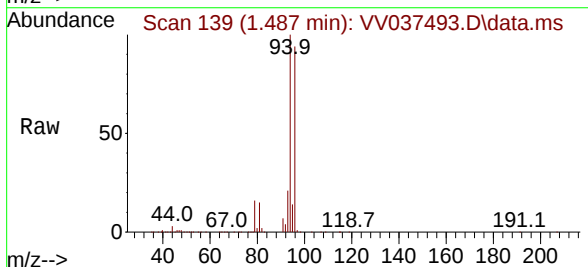


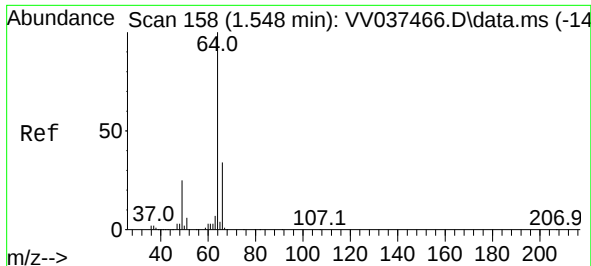
Tgt Ion: 62 Resp: 338954
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 38.468 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

Tgt Ion: 94 Resp: 162798
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.6 121.8

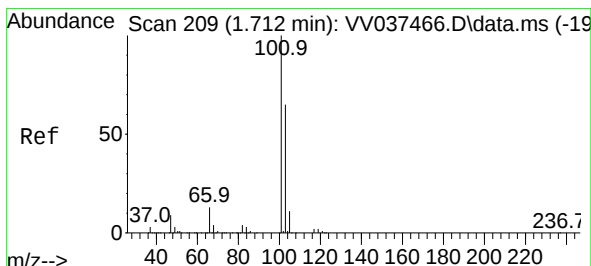
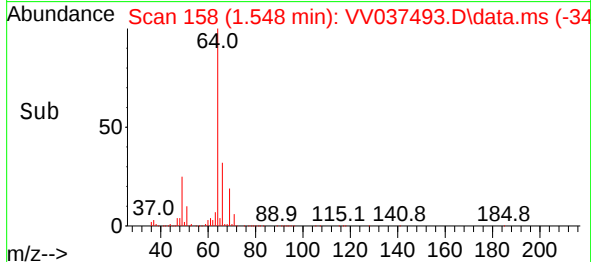
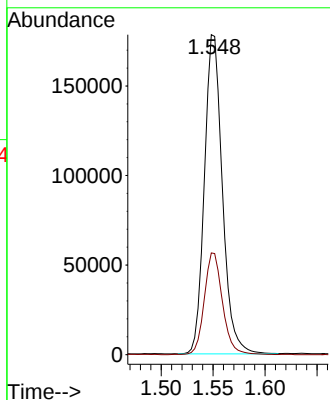
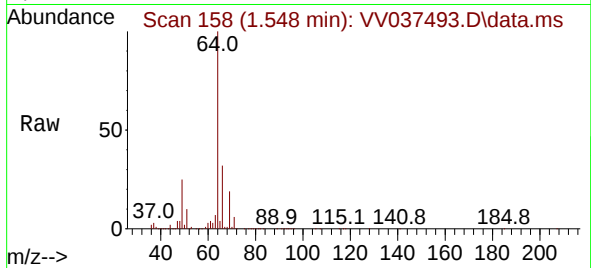




#8
Chloroethane
Concen: 46.341 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

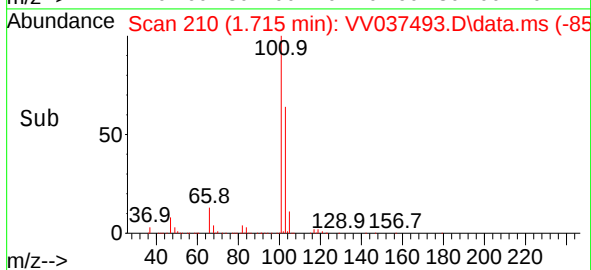
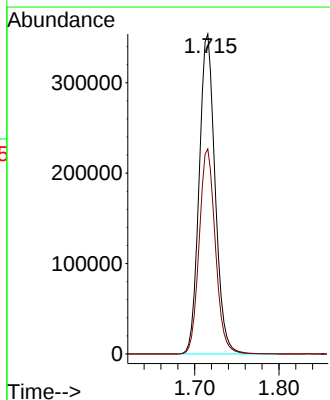
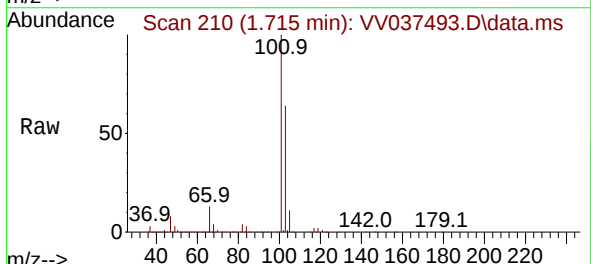
Instrument :
MSVOA_V
ClientSampleId :

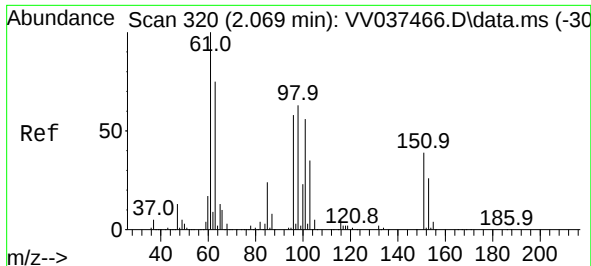
Tgt Ion: 64 Resp: 214082
Ion Ratio Lower Upper
64 100
66 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 47.447 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:101 Resp: 467642
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

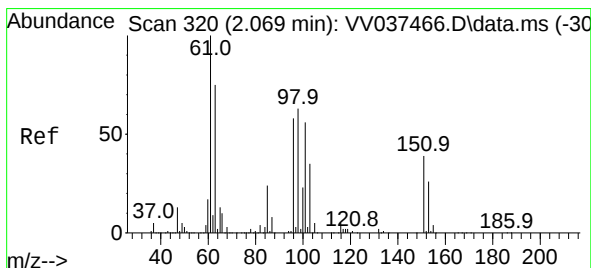
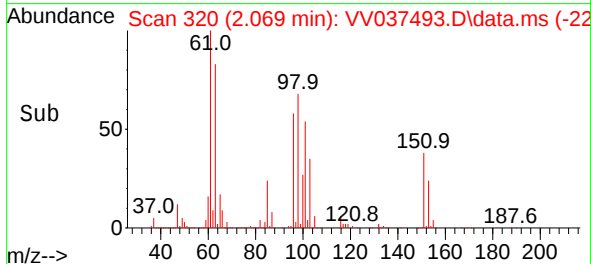
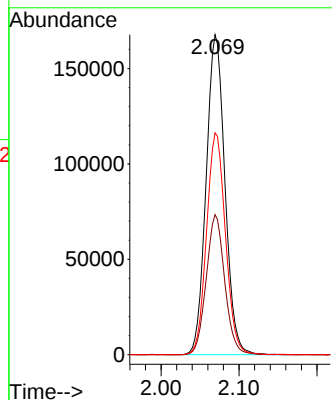
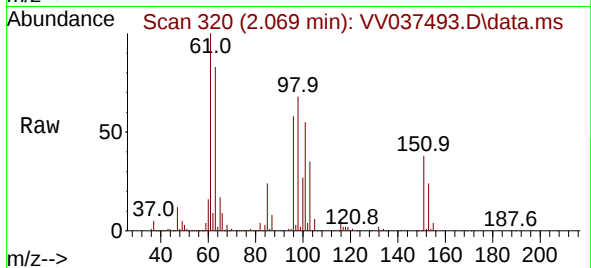




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.941 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

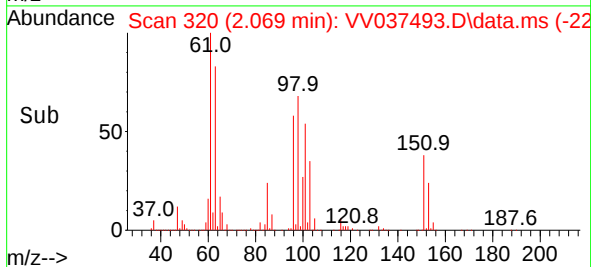
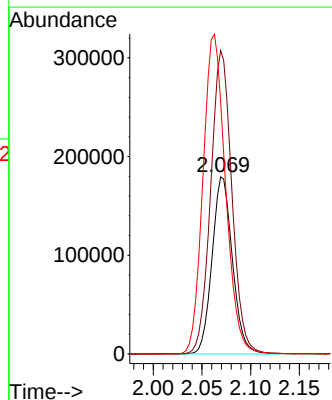
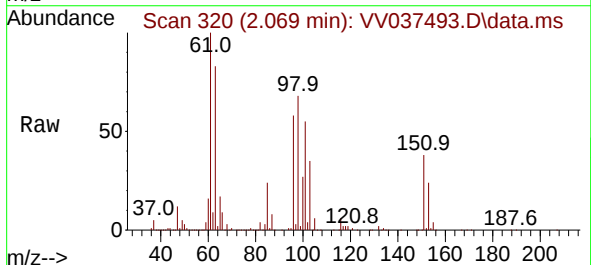
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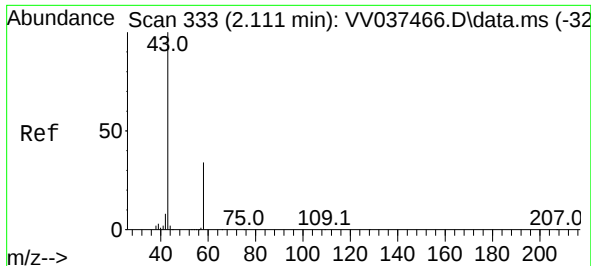
Tgt Ion:101 Resp: 281044
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.6 53.4
 151 69.8 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 47.212 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV037493.D
 Acq: 23 Sep 2024 19:08

Tgt Ion: 96 Resp: 260752
 Ion Ratio Lower Upper
 96 100
 61 171.4 123.8 229.8
 63 142.4 96.5 179.1





#13

Acetone

Concen: 55.404 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

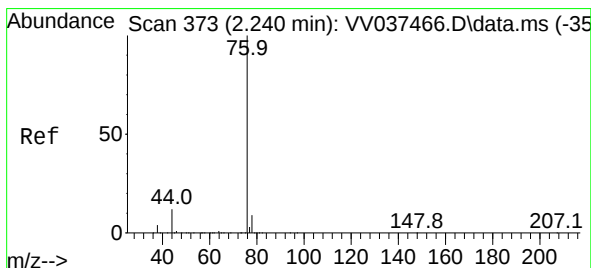
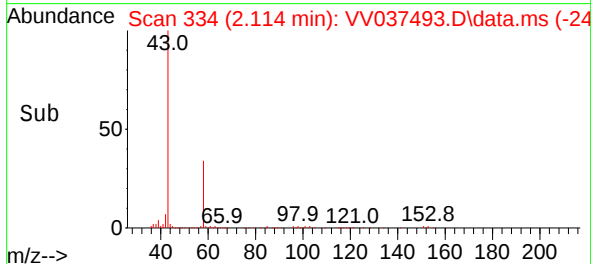
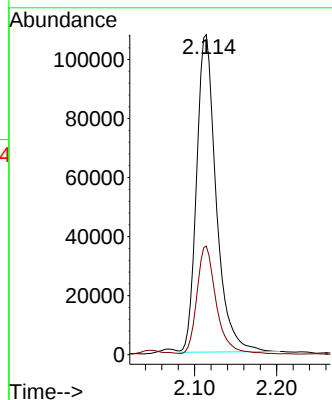
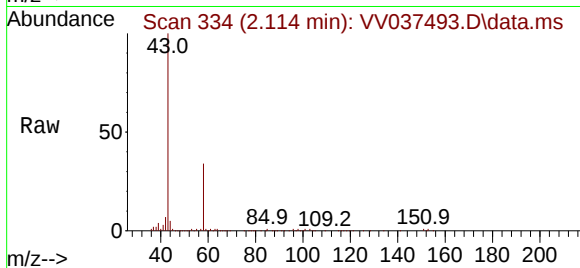
ClientSampleId :

Tgt Ion: 43 Resp: 178190

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.8



#14

Carbon disulfide

Concen: 42.273 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV037493.D

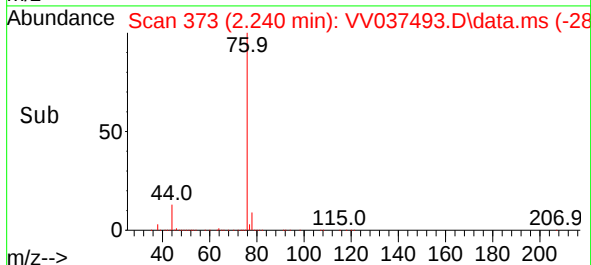
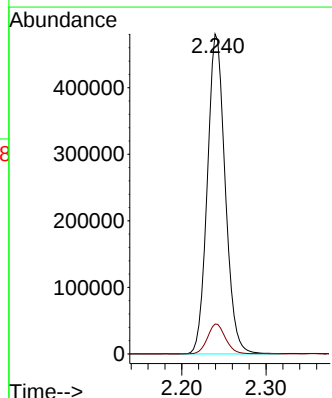
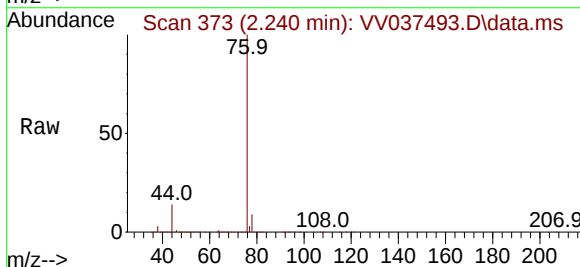
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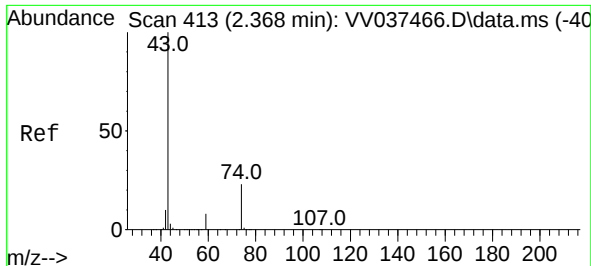
Tgt Ion: 76 Resp: 708778

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 43.420 ug/L

RT: 2.371 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

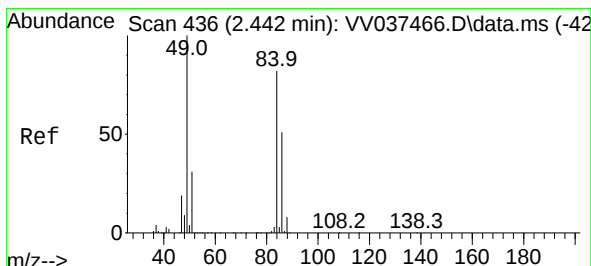
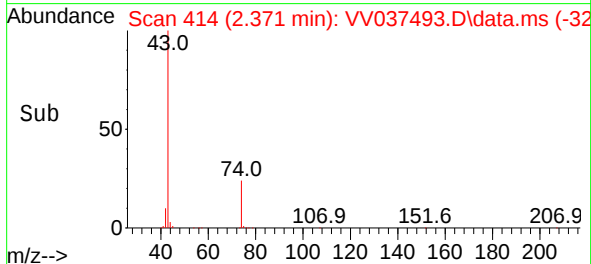
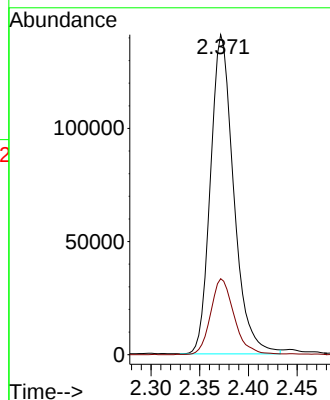
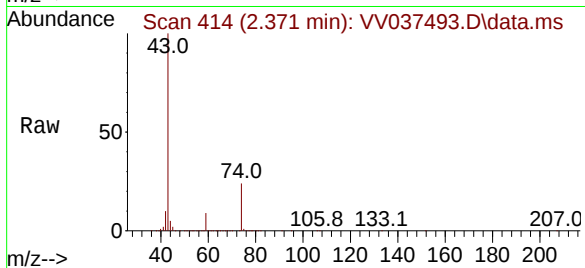
ClientSampleId :

Tgt Ion: 43 Resp: 234118

Ion Ratio Lower Upper

43 100

74 23.9 18.4 27.6



#16

Methylene chloride

Concen: 46.990 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

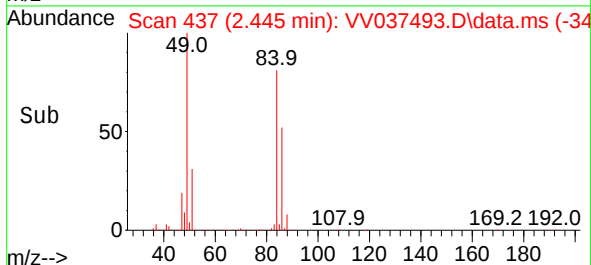
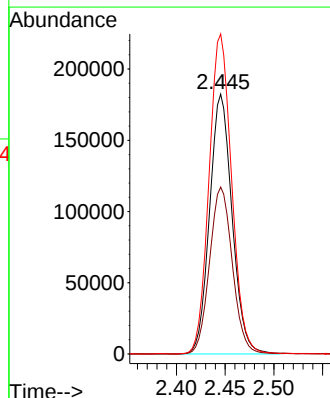
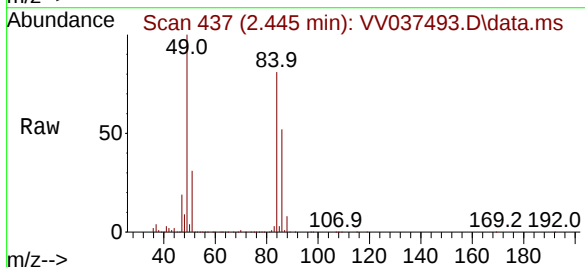
Tgt Ion: 84 Resp: 292813

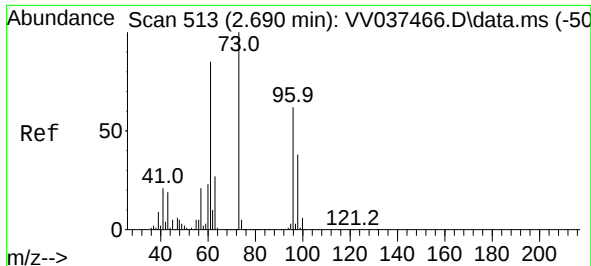
Ion Ratio Lower Upper

84 100

86 64.2 44.7 82.9

49 123.1 91.4 169.8

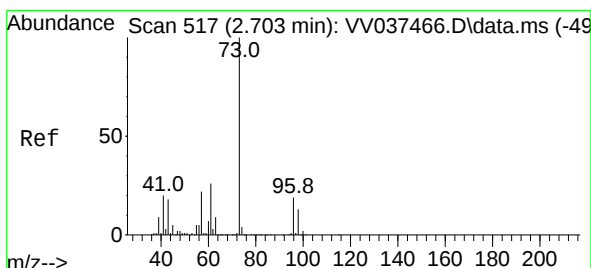
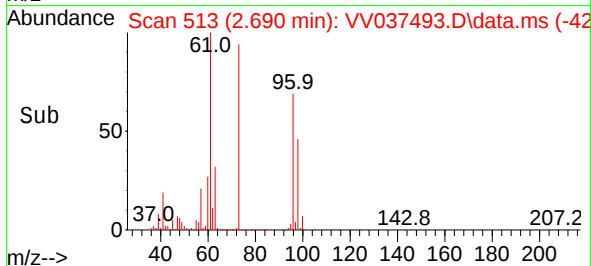
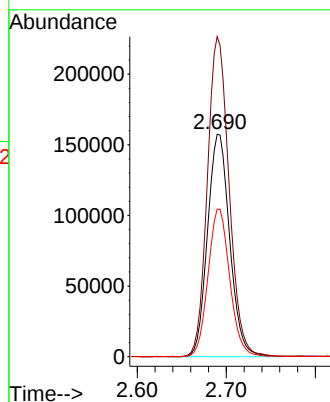
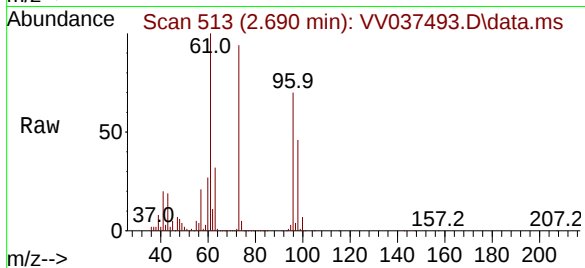




#17
trans-1,2-Dichloroethene
Concen: 47.530 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

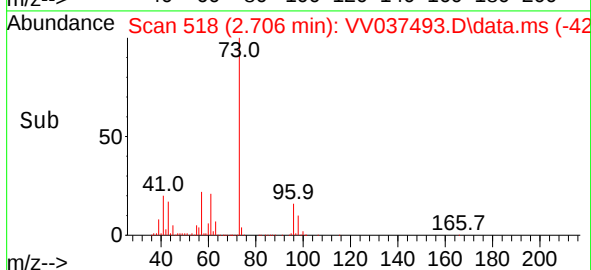
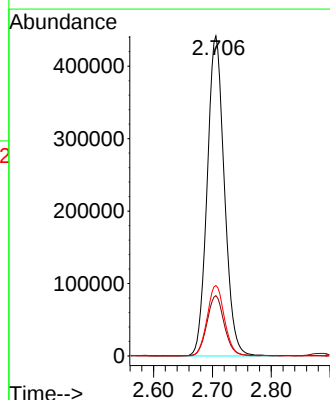
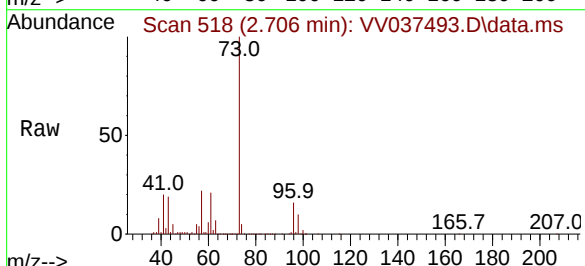
Instrument :
MSVOA_V
ClientSampleId :

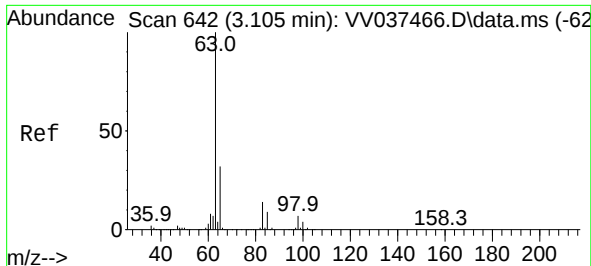
Tgt Ion: 96 Resp: 272516
Ion Ratio Lower Upper
96 100
61 143.8 102.3 189.9
98 66.3 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 49.614 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion: 73 Resp: 894833
Ion Ratio Lower Upper
73 100
43 18.7 15.8 23.6
57 22.2 18.1 27.1





#19

1,1-Dichloroethane

Concen: 47.300 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

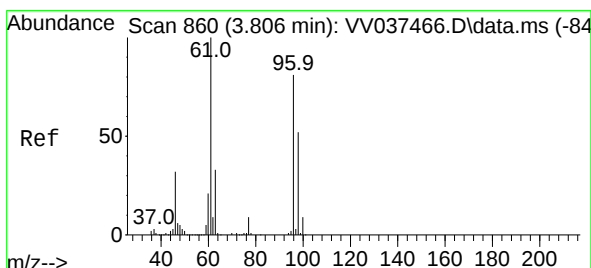
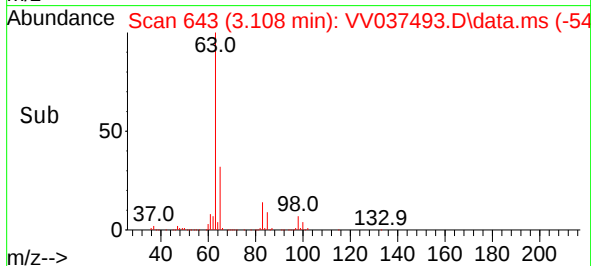
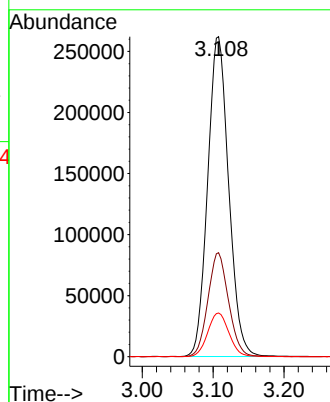
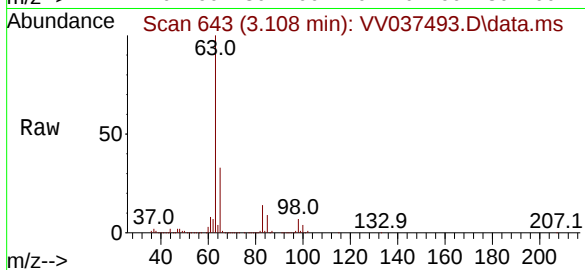
Tgt Ion: 63 Resp: 538576

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 13.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.519 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

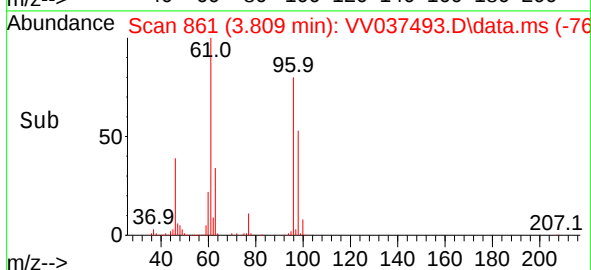
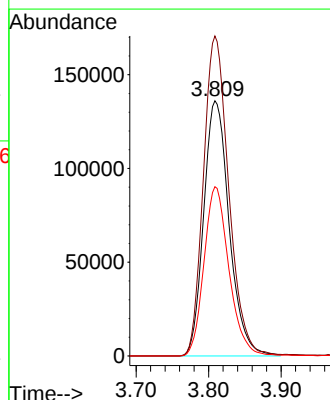
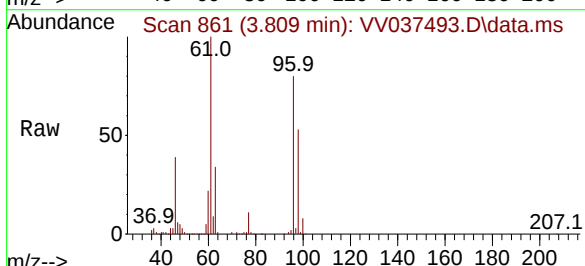
Tgt Ion: 96 Resp: 332738

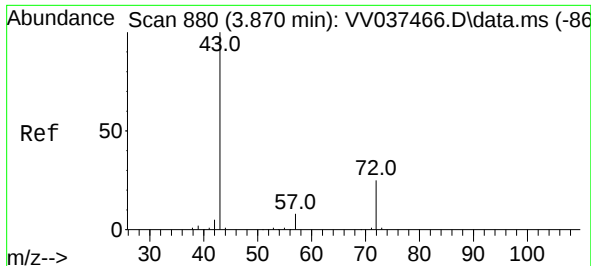
Ion Ratio Lower Upper

96 100

61 125.4 89.9 166.9

98 66.4 44.8 83.2

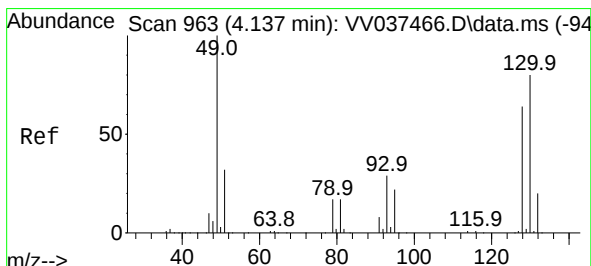
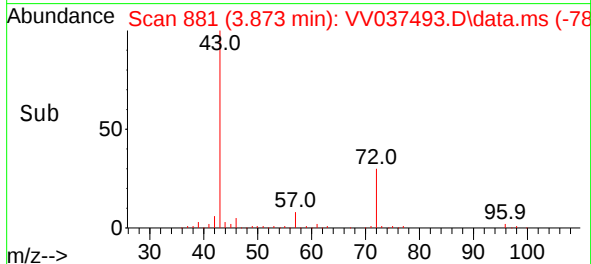
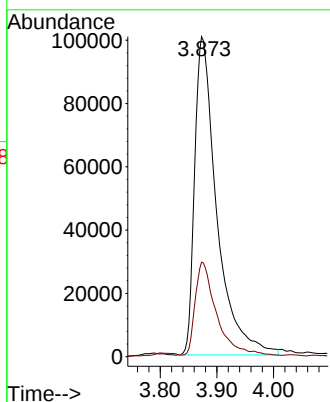
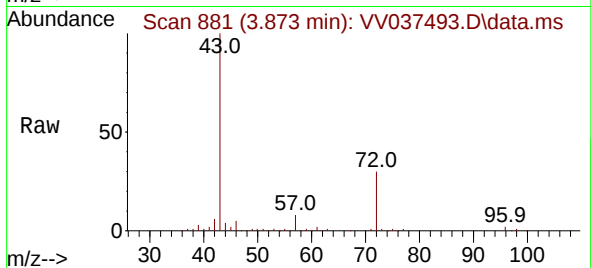




#22
2-Butanone
Concen: 77.221 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

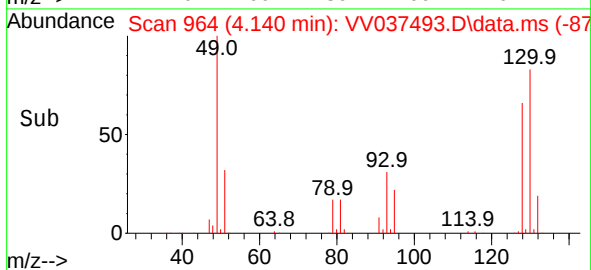
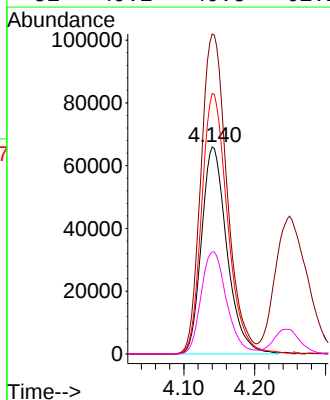
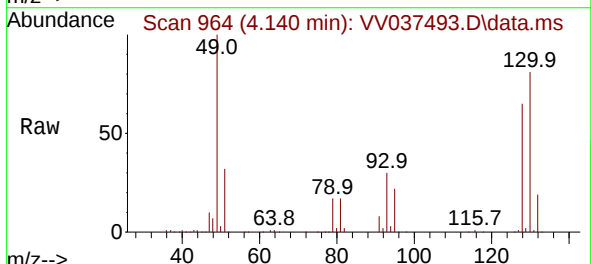
Instrument :
MSVOA_V
ClientSampleId :

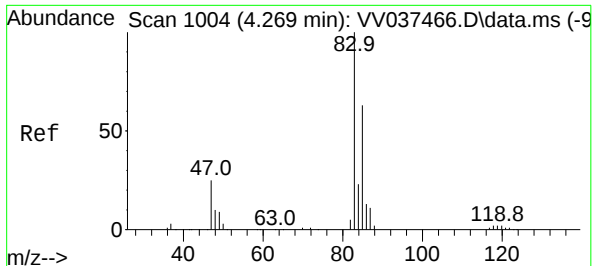
Tgt Ion: 43 Resp: 273444
Ion Ratio Lower Upper
43 100
72 27.0 12.7 38.0



#23
Bromochloromethane
Concen: 52.694 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:128 Resp: 163880
Ion Ratio Lower Upper
128 100
49 154.7 117.2 217.6
130 125.9 87.6 162.8
51 49.2 40.8 61.2





#25

Chloroform

Concen: 49.825 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

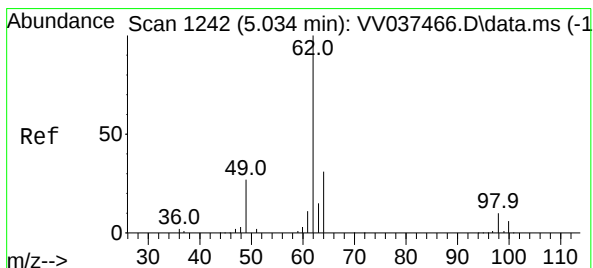
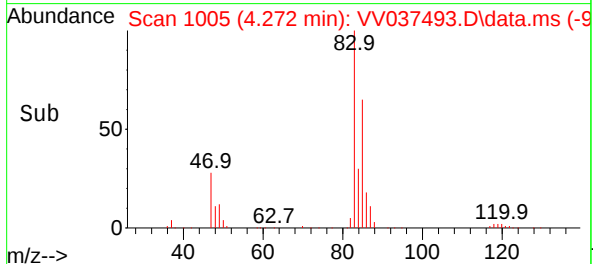
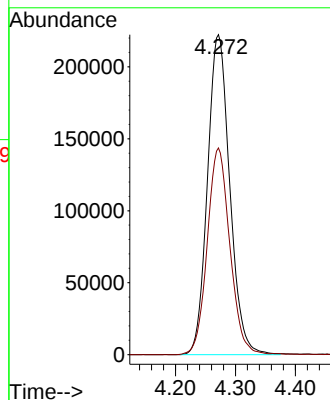
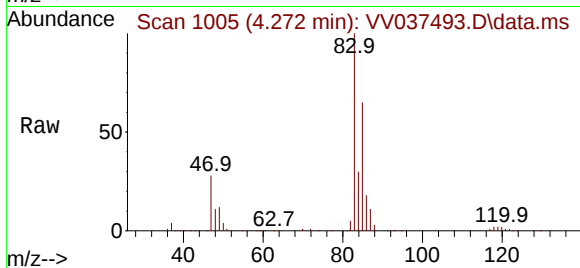
ClientSampleId :

Tgt Ion: 83 Resp: 574551

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.052 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037493.D

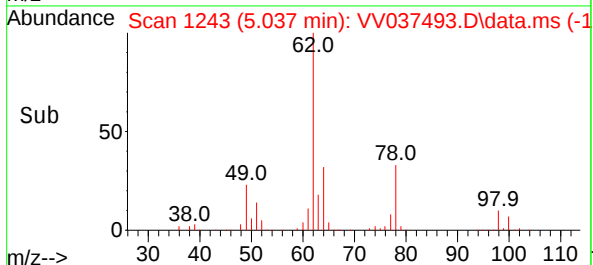
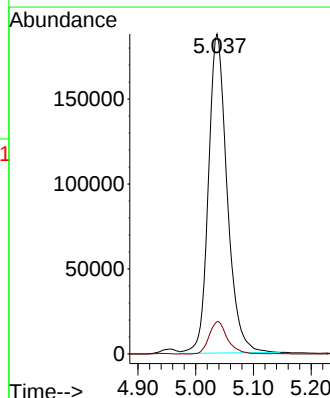
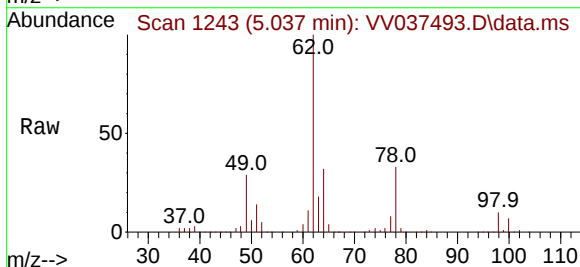
Acq: 23 Sep 2024 19:08

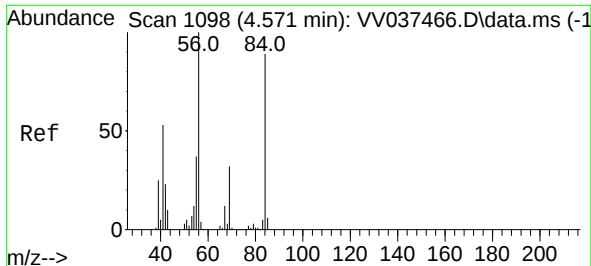
Tgt Ion: 62 Resp: 423378

Ion Ratio Lower Upper

62 100

98 10.1 8.0 12.0





#29

Cyclohexane

Concen: 51.364 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

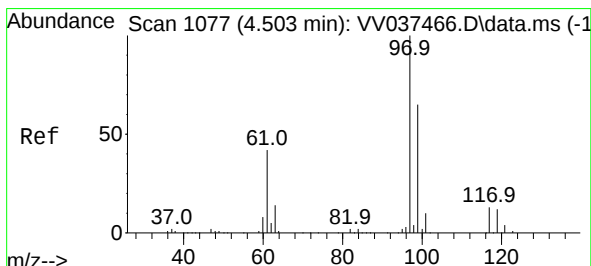
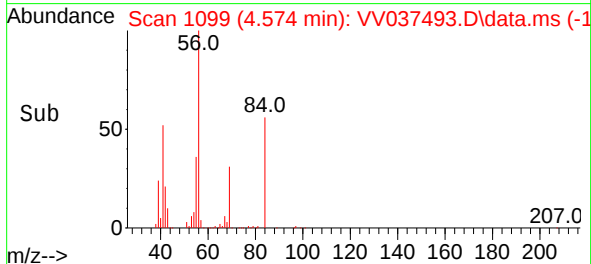
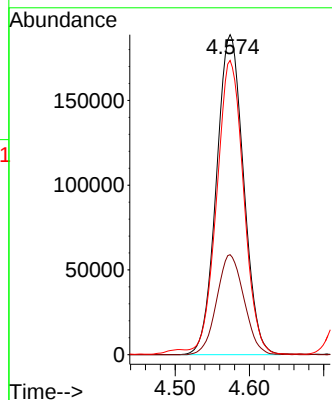
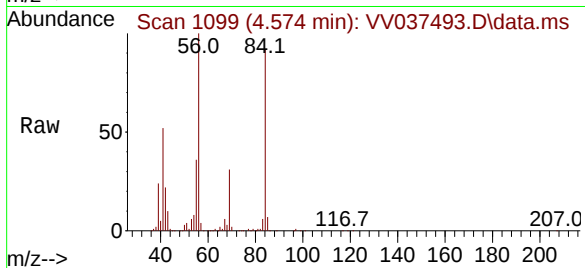
Tgt Ion: 56 Resp: 479743

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.4

84 91.0 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 53.965 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

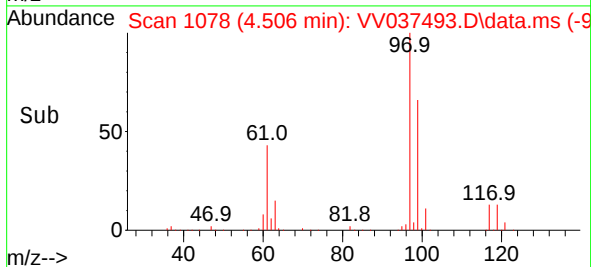
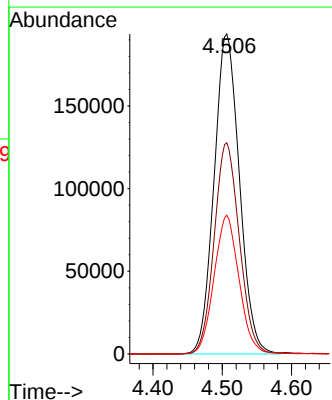
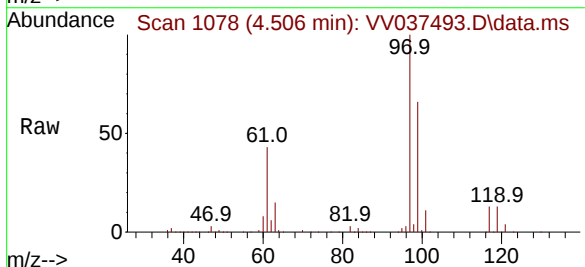
Tgt Ion: 97 Resp: 493258

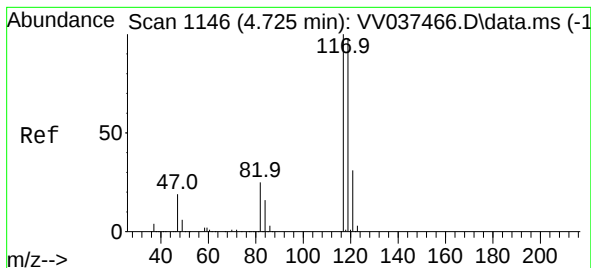
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 42.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 54.792 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

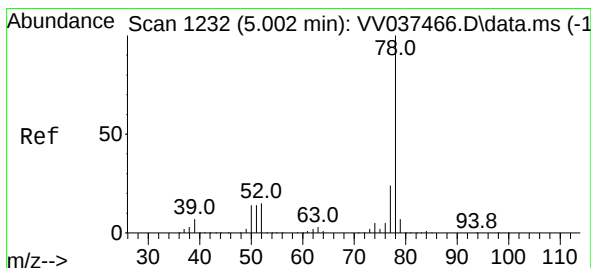
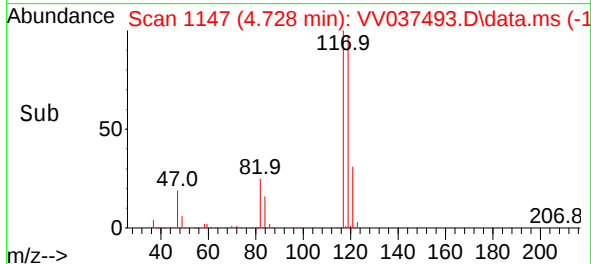
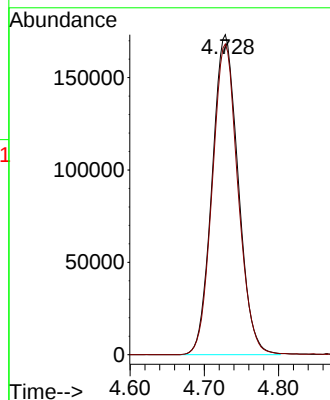
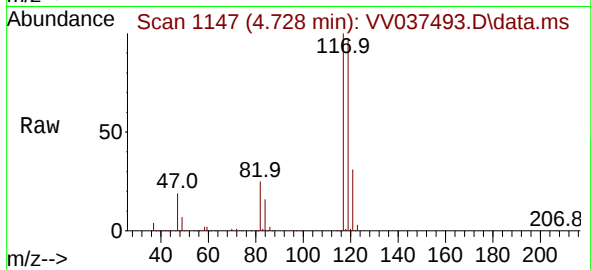
ClientSampleId :

Tgt Ion:117 Resp: 422596

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6



#33

Benzene

Concen: 53.384 ug/L

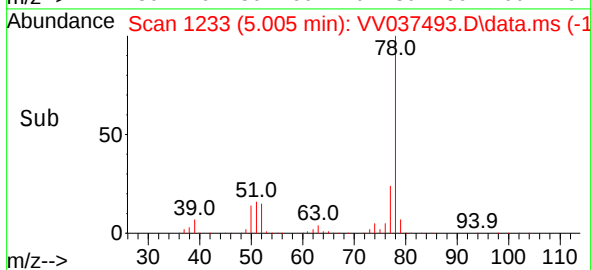
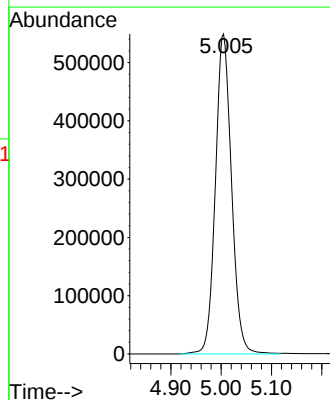
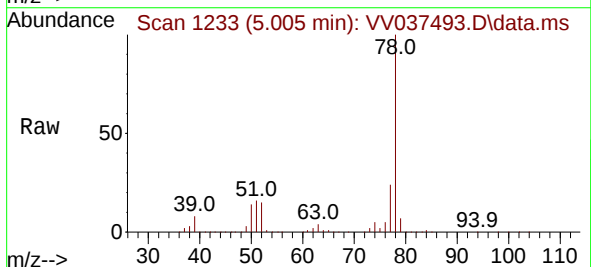
RT: 5.005 min Scan# 1233

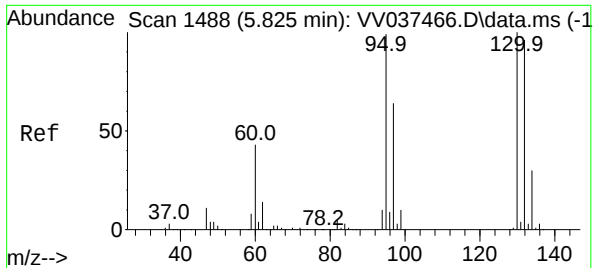
Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Tgt Ion: 78 Resp: 1223827





#34

Trichloroethene

Concen: 54.121 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 327477

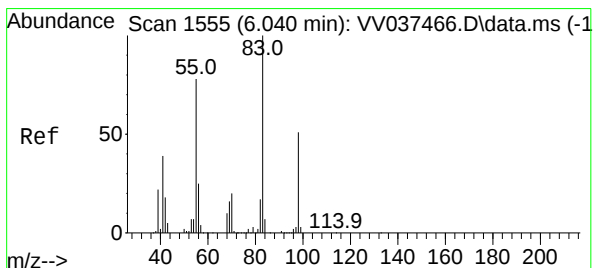
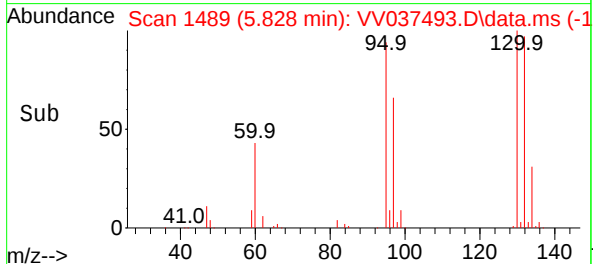
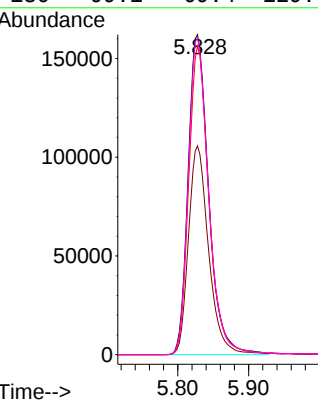
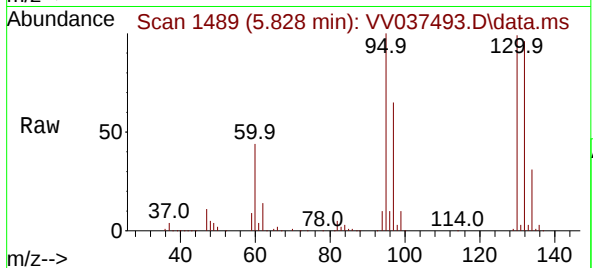
Ion Ratio Lower Upper

95 100

97 65.2 44.4 82.5

132 96.4 64.9 120.5

130 99.1 69.4 129.0



#35

Methylcyclohexane

Concen: 51.488 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

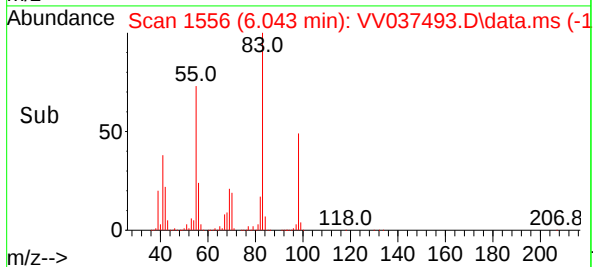
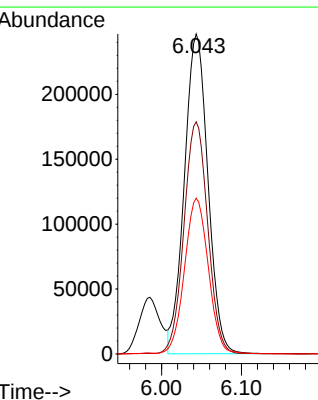
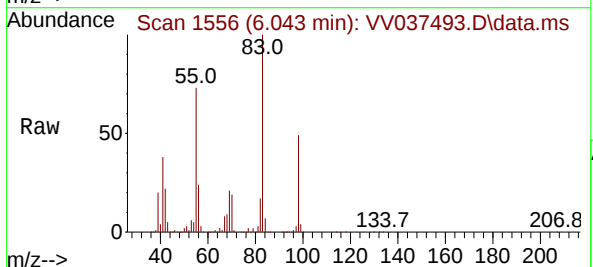
Tgt Ion: 83 Resp: 506187

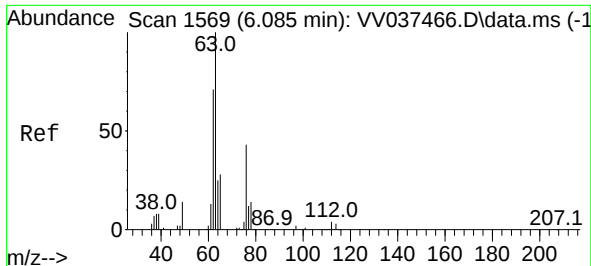
Ion Ratio Lower Upper

83 100

55 73.1 61.2 91.8

98 49.3 39.3 58.9

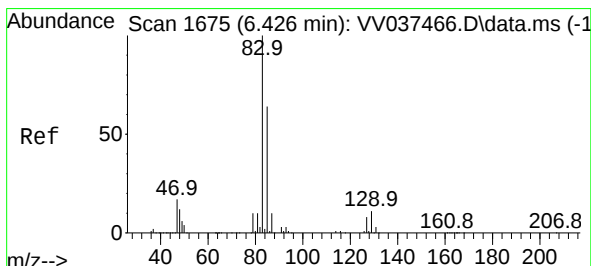
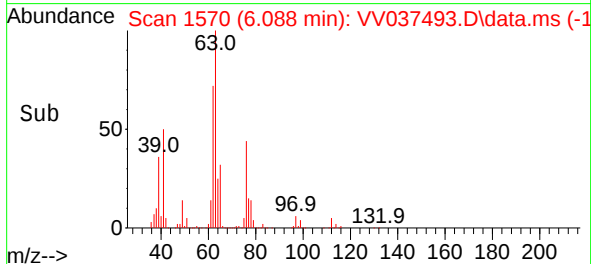
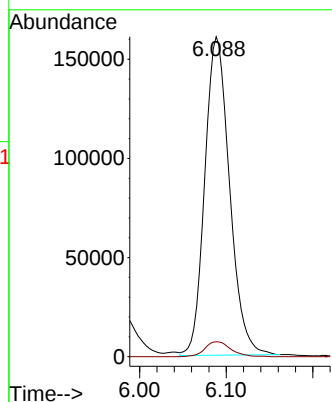
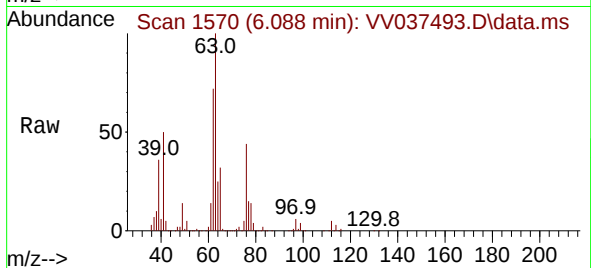




#37
1,2-Dichloropropane
Concen: 52.055 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

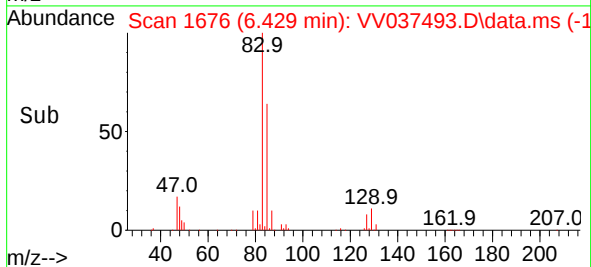
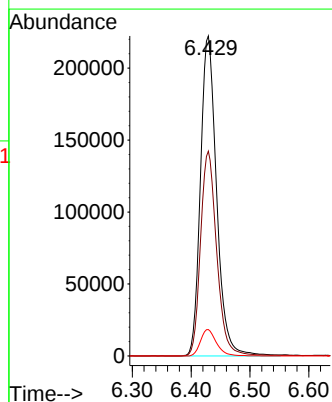
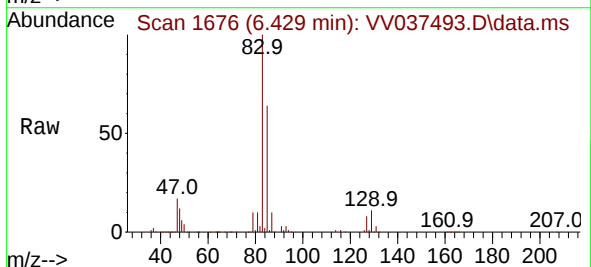
Instrument :
MSVOA_V
ClientSampleId :

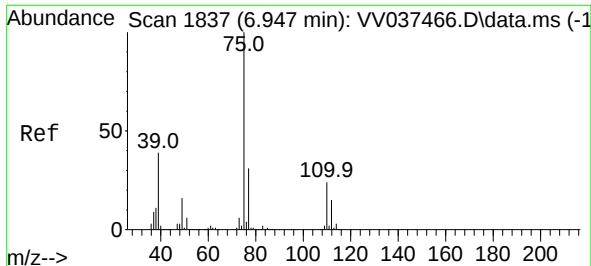
Tgt Ion: 63 Resp: 319927
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 53.940 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion: 83 Resp: 424894
Ion Ratio Lower Upper
83 100
85 64.0 44.5 82.7
127 8.3 6.1 9.1

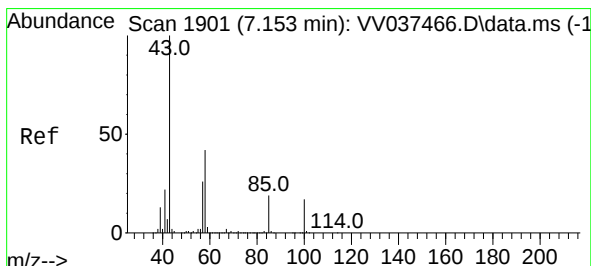
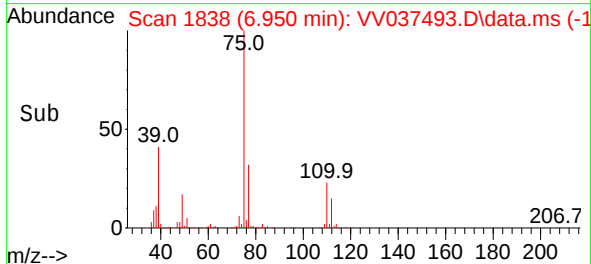
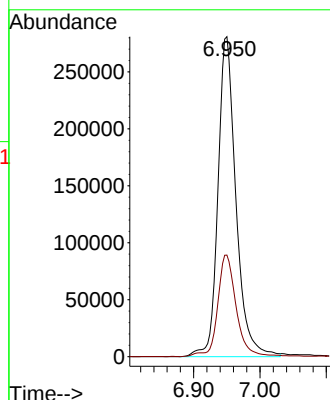
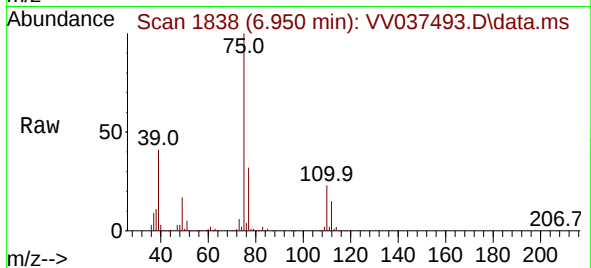




#39
cis-1,3-Dichloropropene
Concen: 54.574 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

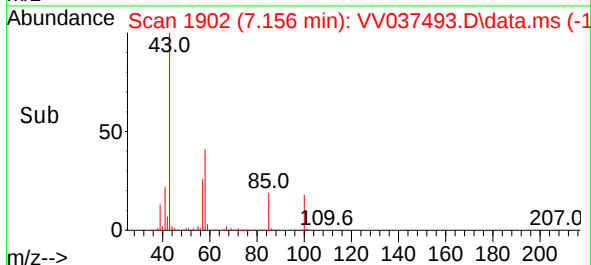
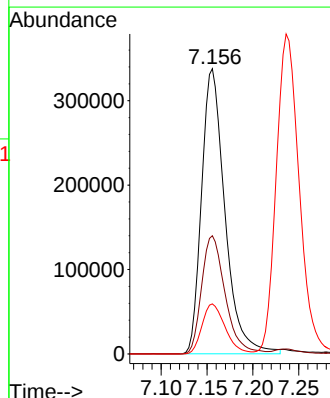
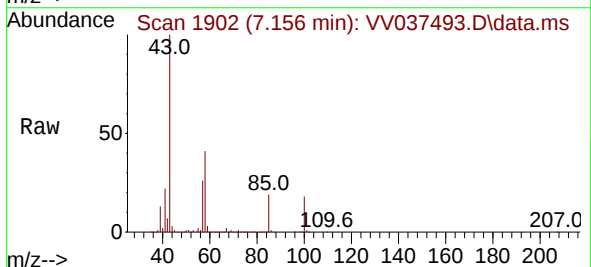
Instrument :
MSVOA_V
ClientSampleId :

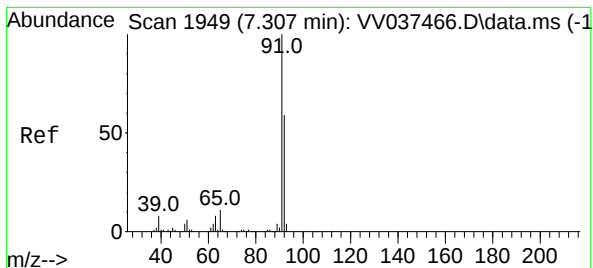
Tgt Ion: 75 Resp: 529306
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 95.947 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion: 43 Resp: 599501
Ion Ratio Lower Upper
43 100
58 41.8 32.0 48.0
100 17.4 12.4 18.6





#42

Toluene

Concen: 54.372 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

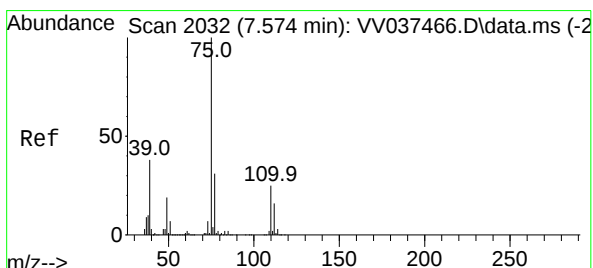
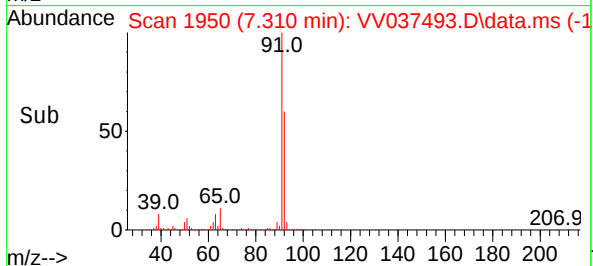
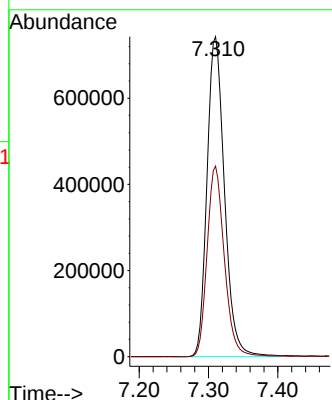
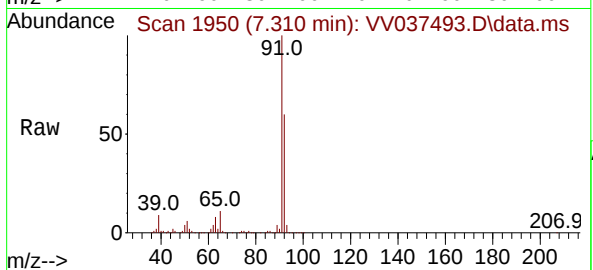
ClientSampleId :

Tgt Ion: 91 Resp: 1297815

Ion Ratio Lower Upper

91 100

92 59.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 55.459 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037493.D

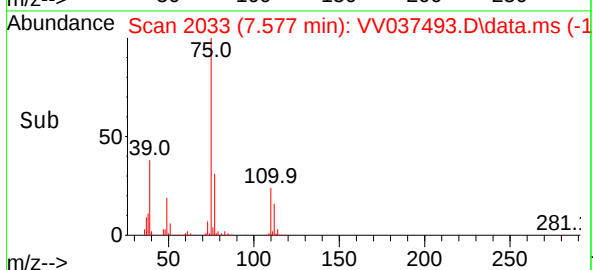
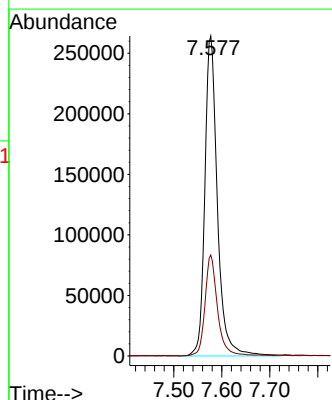
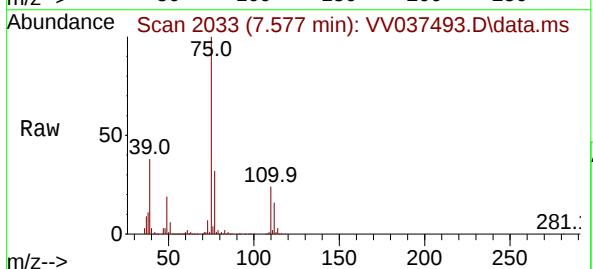
Acq: 23 Sep 2024 19:08

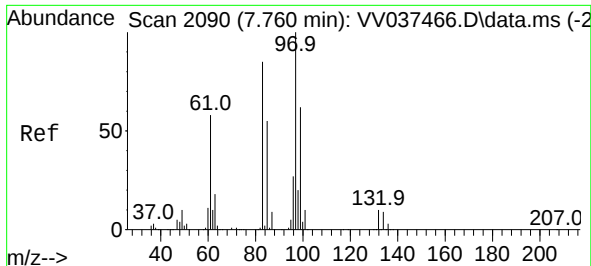
Tgt Ion: 75 Resp: 480786

Ion Ratio Lower Upper

75 100

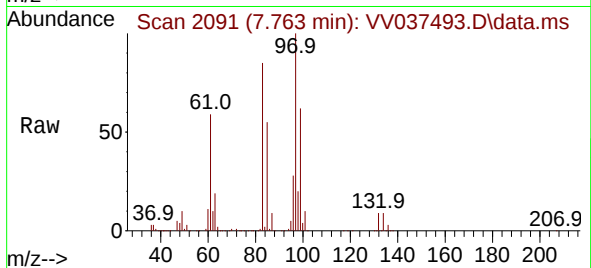
77 31.5 22.0 40.8



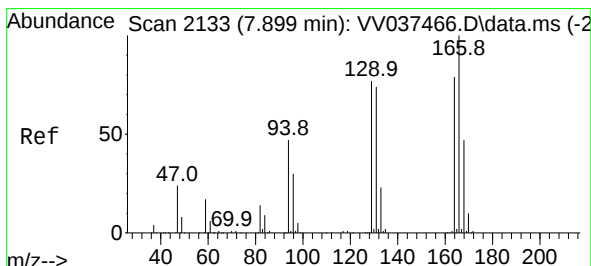
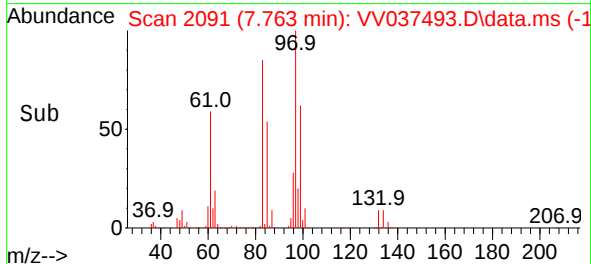
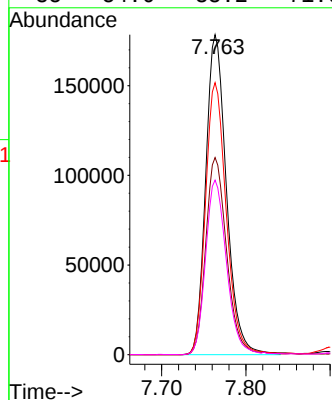


#45
1,1,2-Trichloroethane
Concen: 53.489 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Instrument :
MSVOA_V
ClientSampleId :

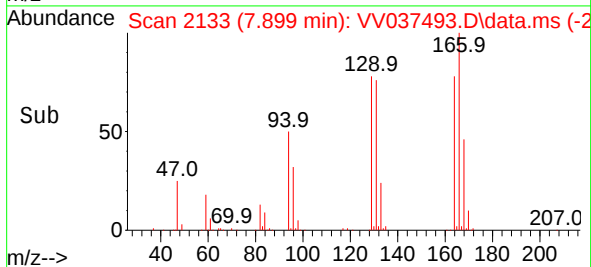
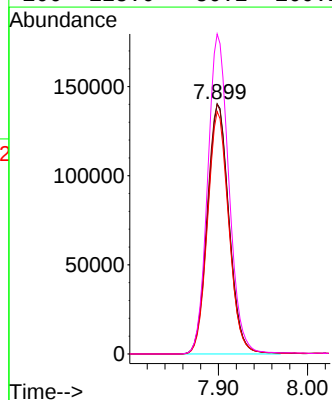
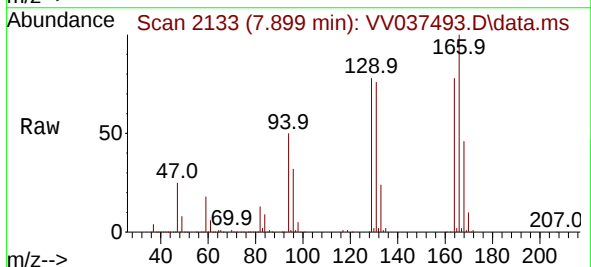


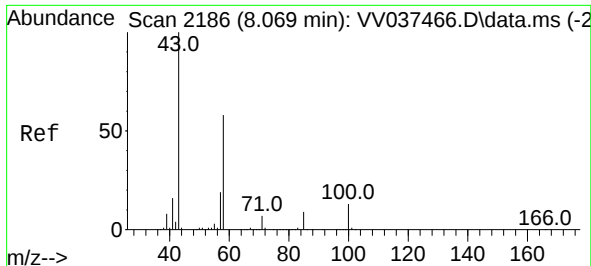
Tgt Ion:	97	Resp:	306020
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.6	79.0
83	85.0	60.5	112.3
85	54.6	38.2	71.0



#46
Tetrachloroethene
Concen: 54.336 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:	164	Resp:	235900
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.1	124.7
131	96.9	67.0	124.4
166	128.0	86.2	160.2





#48

2-Hexanone

Concen: 85.898 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

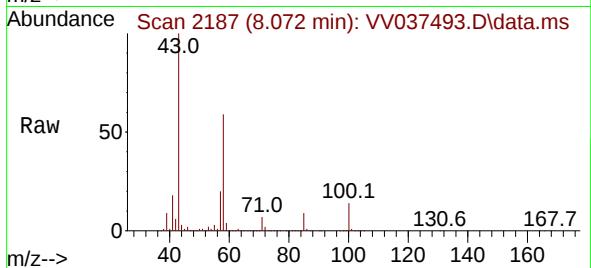
Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 415083

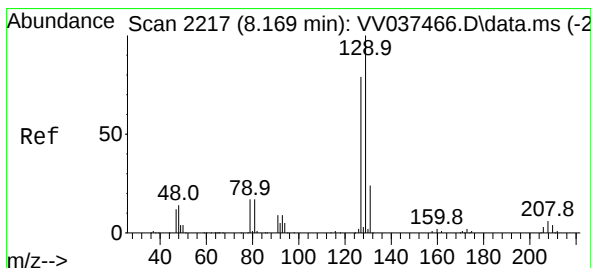
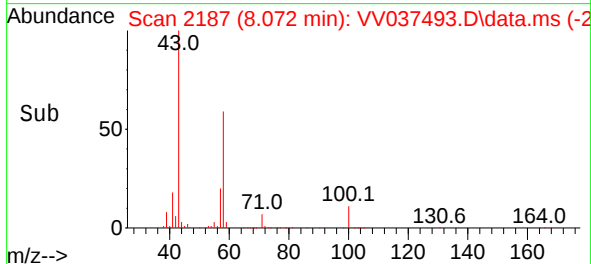
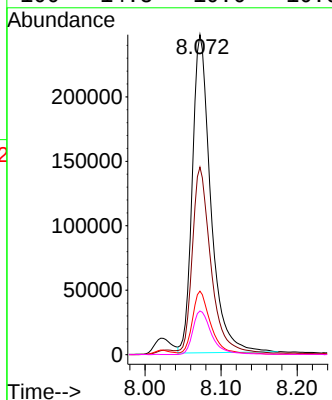
Ion Ratio Lower Upper

43 100

58 59.2 46.0 69.0

57 19.0 15.6 23.4

100 14.3 10.6 16.0



#49

Dibromochloromethane

Concen: 54.352 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037493.D

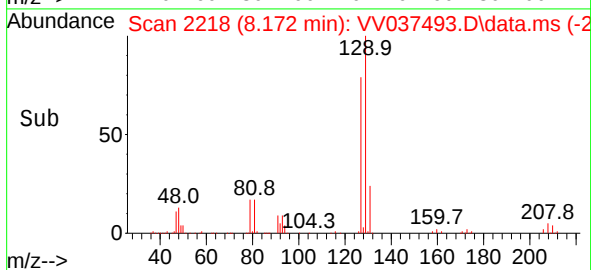
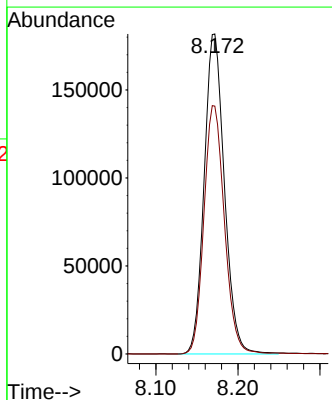
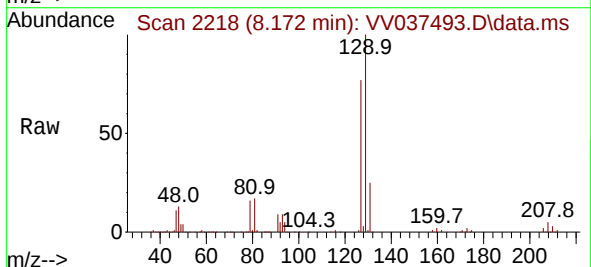
Acq: 23 Sep 2024 19:08

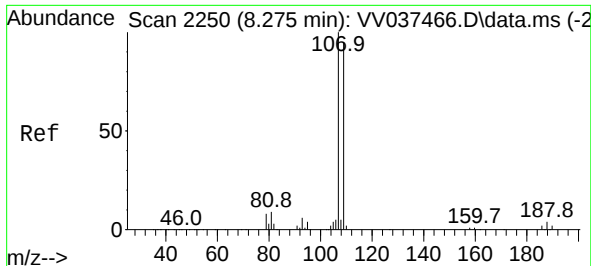
Tgt Ion:129 Resp: 311371

Ion Ratio Lower Upper

129 100

127 77.5 54.7 101.7

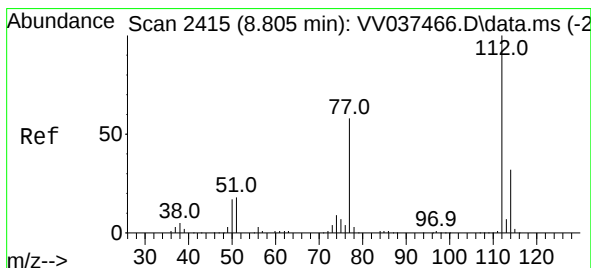
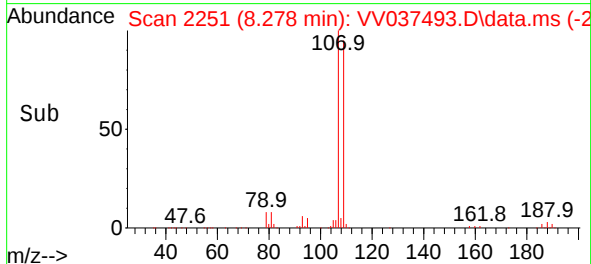
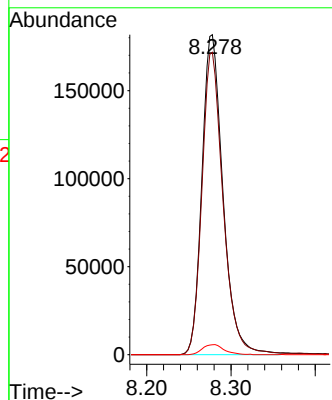
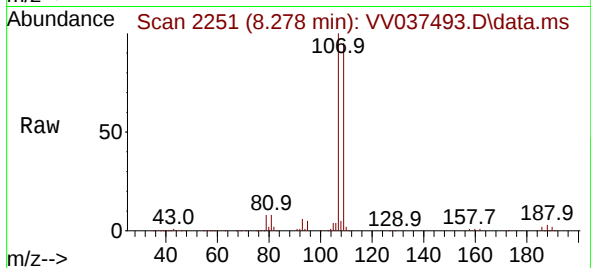




#50
1,2-Dibromoethane
Concen: 54.643 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

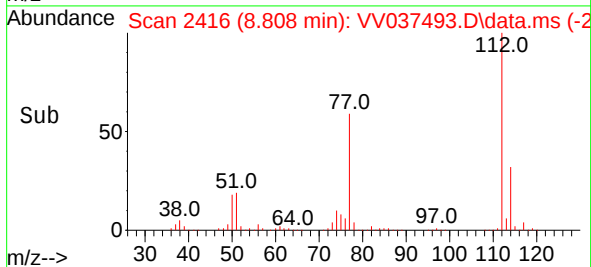
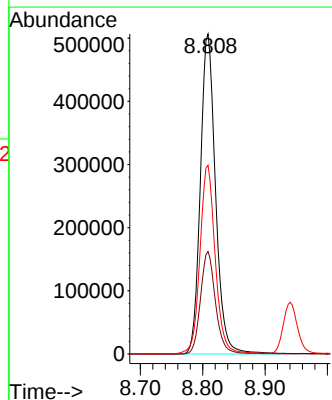
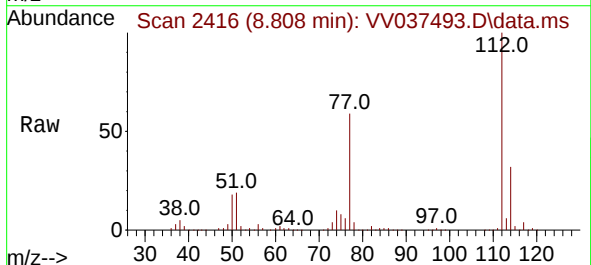
Instrument :
MSVOA_V
ClientSampleId :

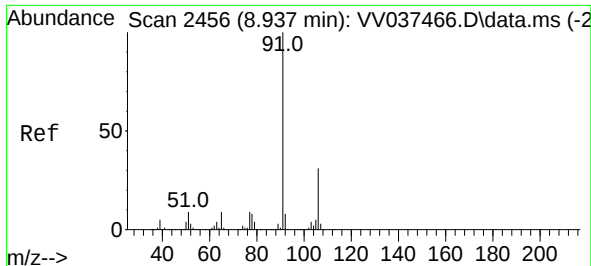
Tgt Ion:107 Resp: 316348
Ion Ratio Lower Upper
107 100
109 94.5 66.6 123.6
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 54.306 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:112 Resp: 858141
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.0 47.8 71.8

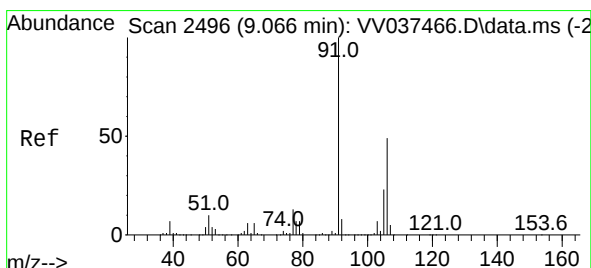
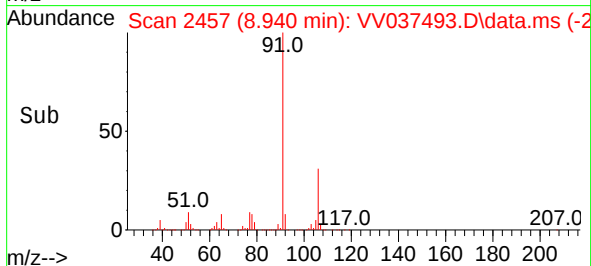
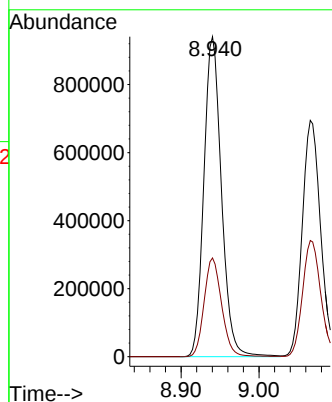
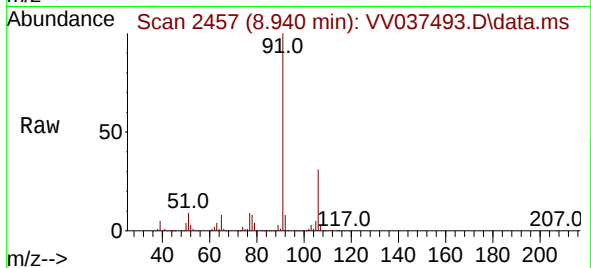




#52
Ethylbenzene
Concen: 54.693 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

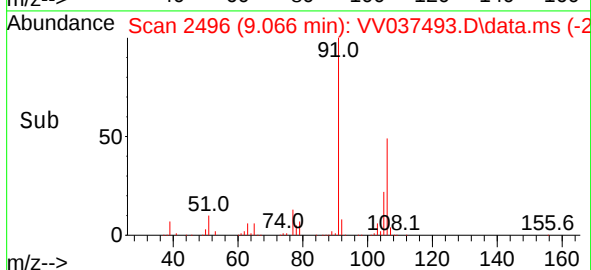
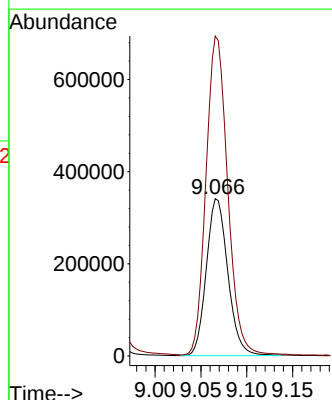
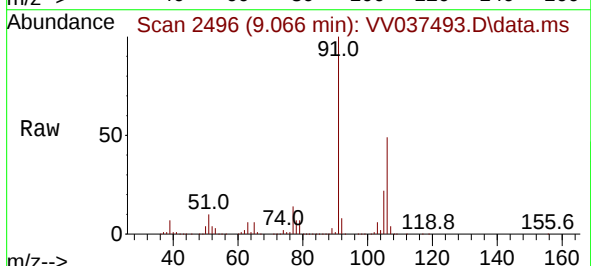
Instrument :
MSVOA_V
ClientSampleId :

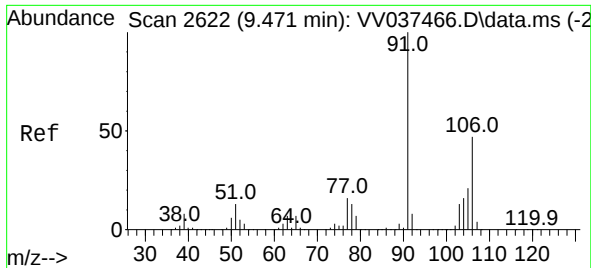
Tgt Ion: 91 Resp: 1474576
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#53
m,p-Xylene
Concen: 55.748 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:106 Resp: 556882
Ion Ratio Lower Upper
106 100
91 203.5 143.0 265.6

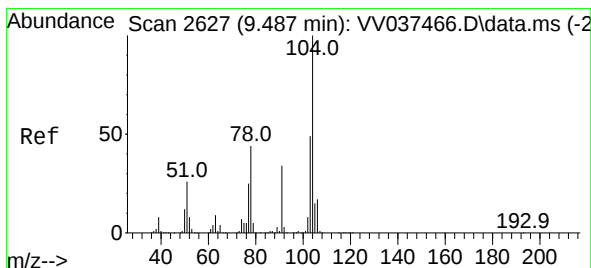
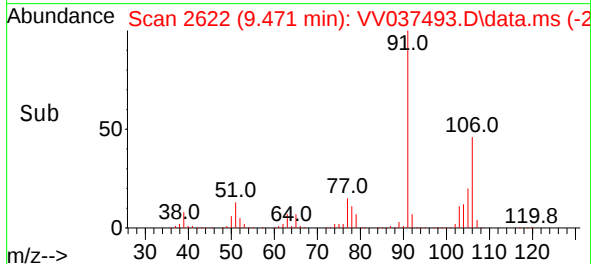
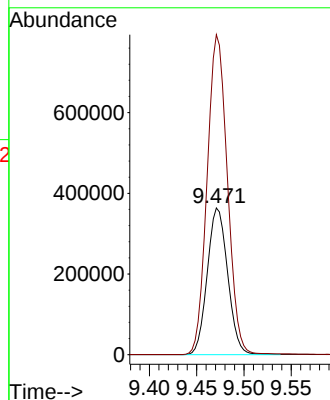
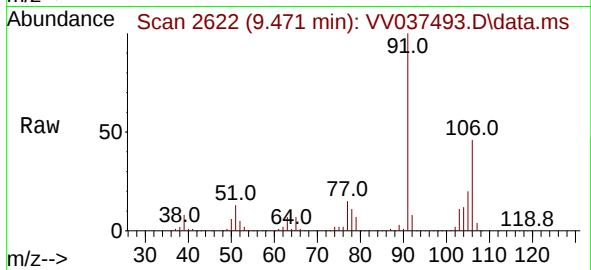




#54
o-Xylene
Concen: 55.990 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

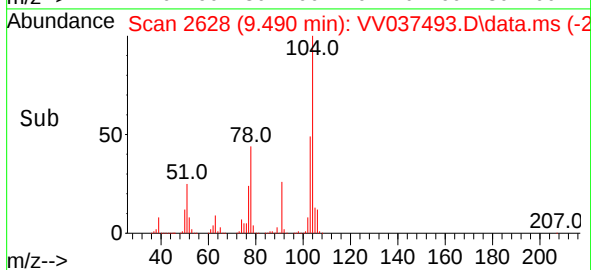
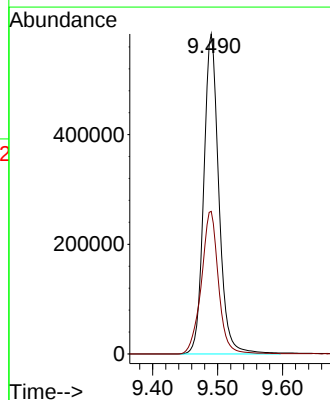
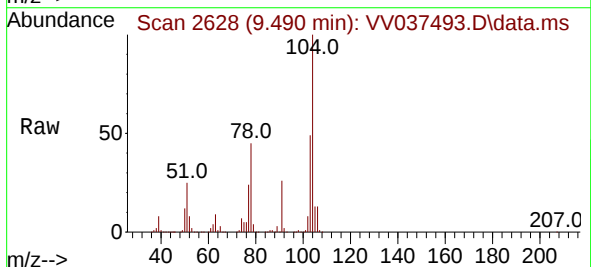
Instrument :
MSVOA_V
ClientSampleId :

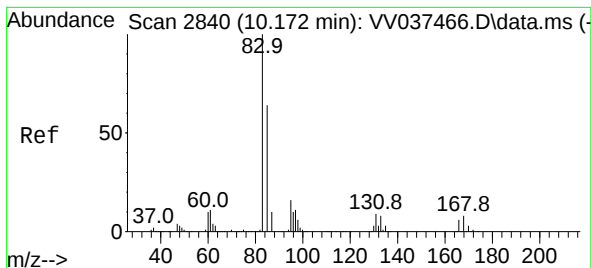
Tgt Ion:106 Resp: 547624
Ion Ratio Lower Upper
106 100
91 218.2 153.2 284.6



#55
Styrene
Concen: 55.704 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion:104 Resp: 945364
Ion Ratio Lower Upper
104 100
78 44.5 30.9 57.5

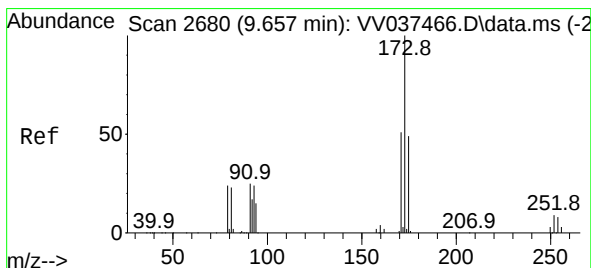
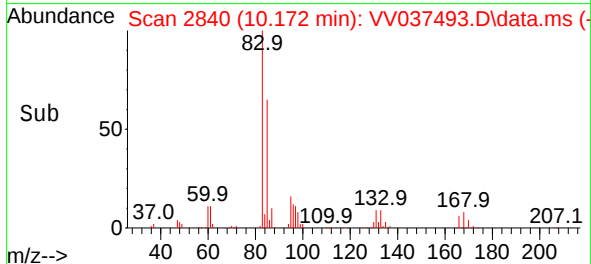
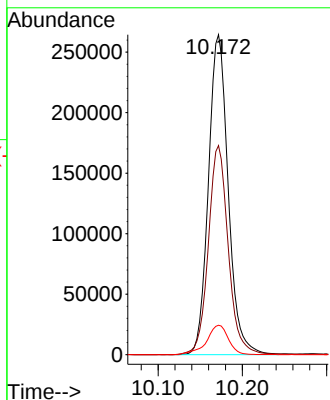
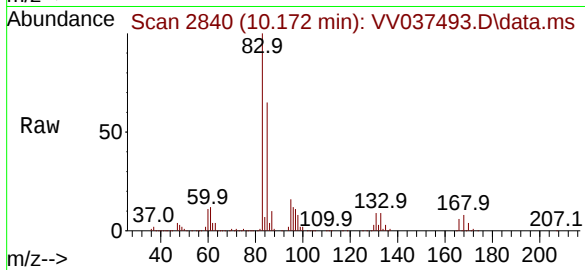




#57
1,1,2,2-Tetrachloroethane
Concen: 50.962 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

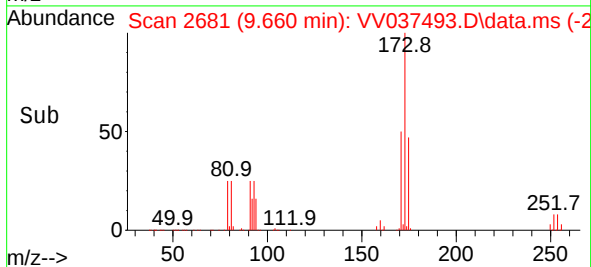
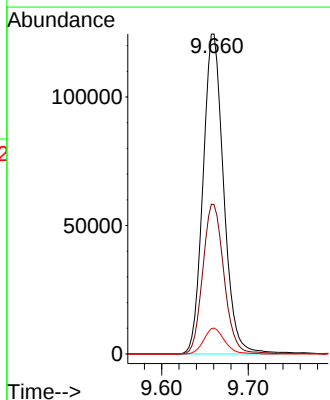
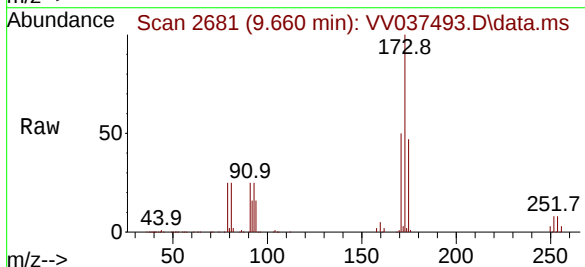
Instrument :
MSVOA_V
ClientSampleId :

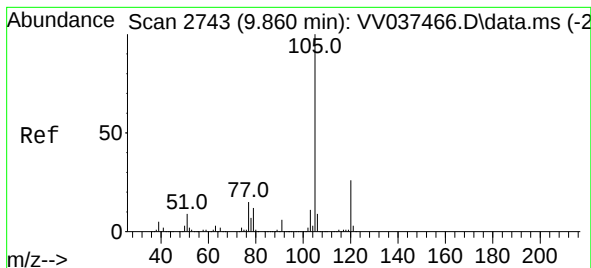
Tgt Ion: 83 Resp: 431818
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 9.2 7.4 11.0



#59
Bromoform
Concen: 53.181 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion: 173 Resp: 206105
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 8.1 6.8 10.2





#60

Isopropylbenzene

Concen: 55.116 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

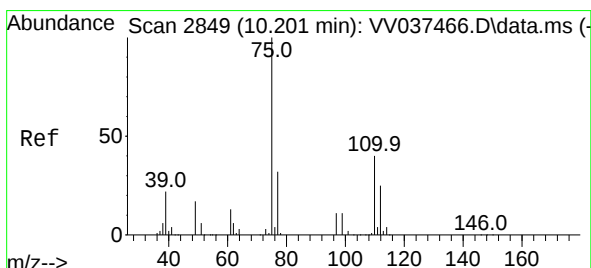
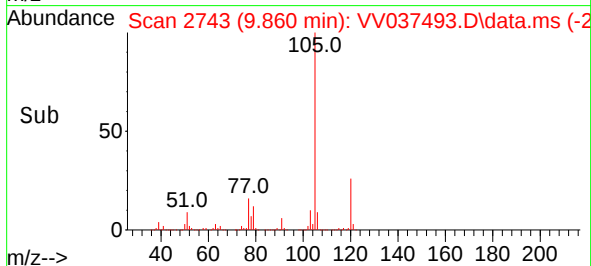
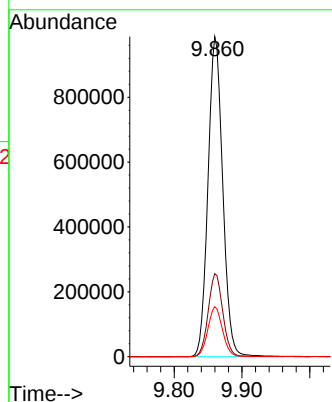
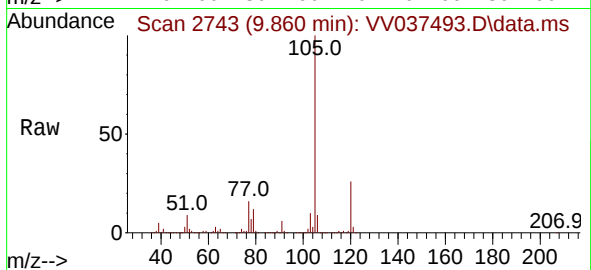
Tgt Ion:105 Resp: 1487119

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 49.940 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

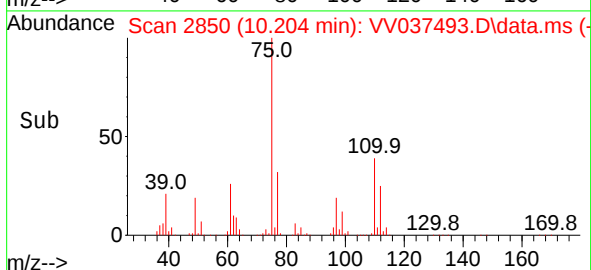
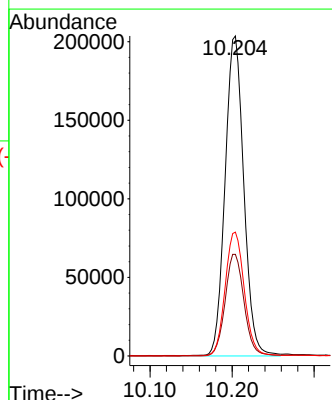
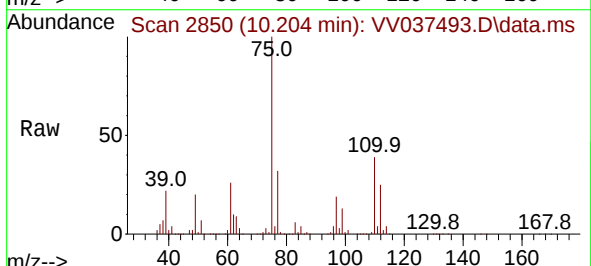
Tgt Ion: 75 Resp: 323331

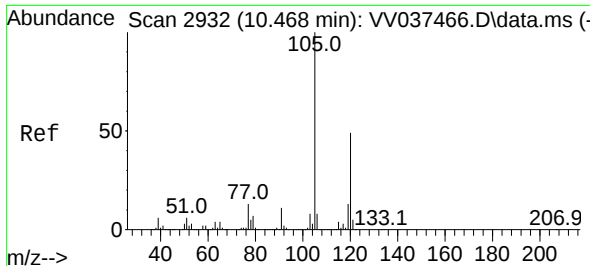
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 39.6 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 55.661 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

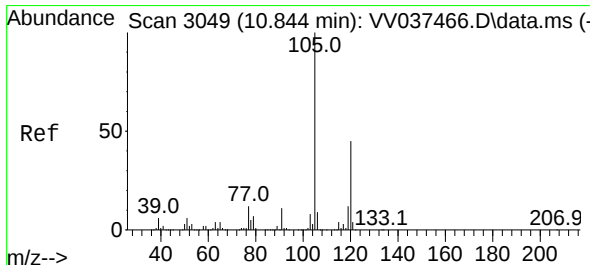
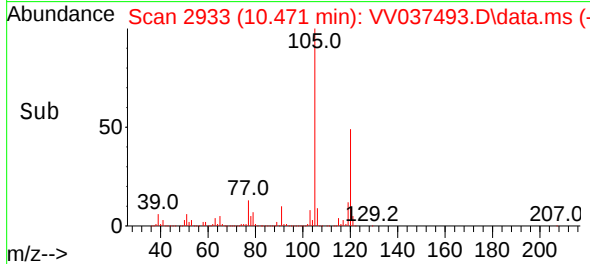
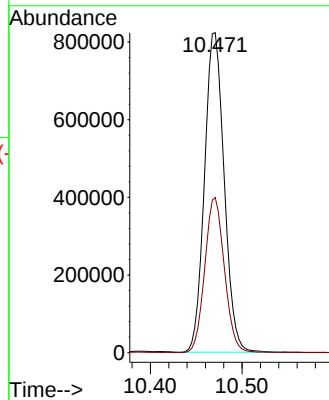
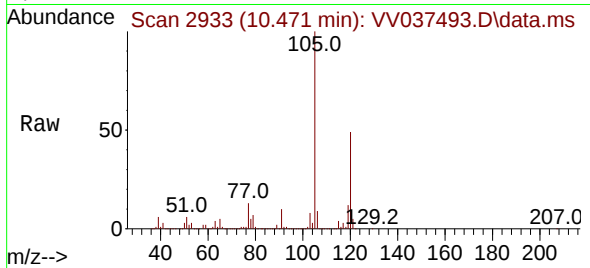
ClientSampleId :

Tgt Ion:105 Resp: 1228729

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.941 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037493.D

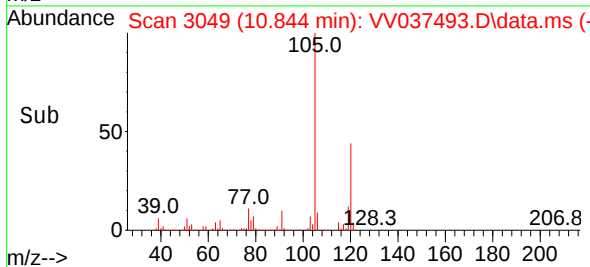
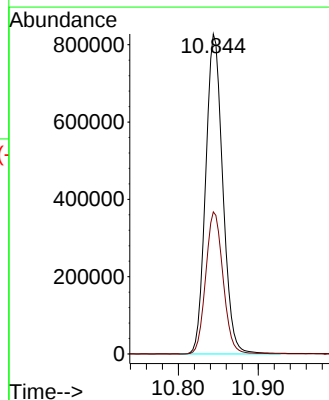
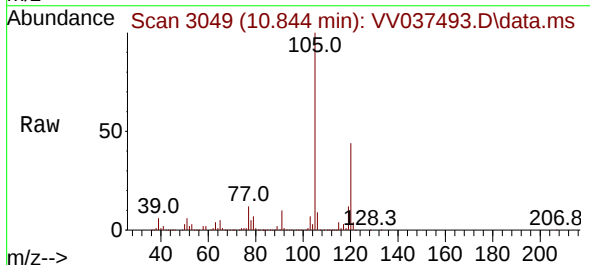
Acq: 23 Sep 2024 19:08

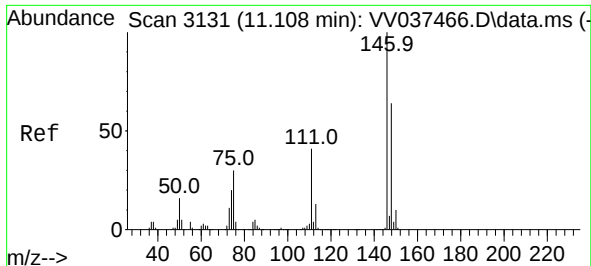
Tgt Ion:105 Resp: 1232389

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 53.093 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

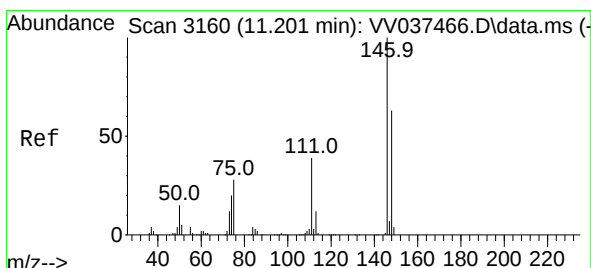
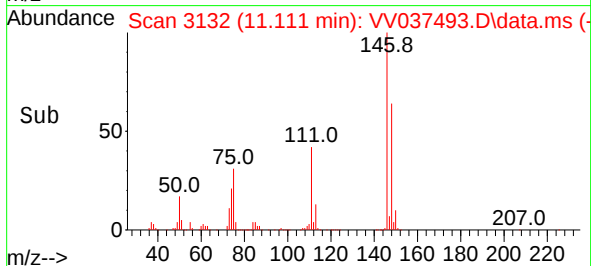
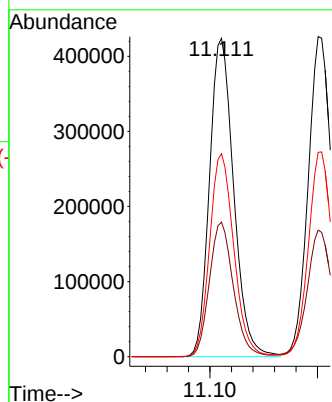
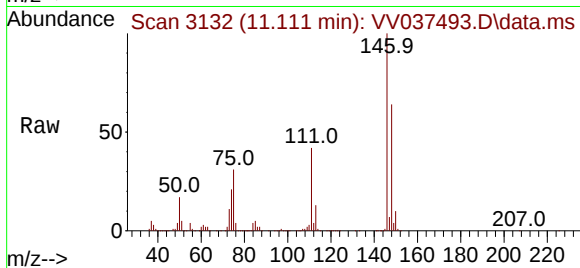
Tgt Ion:146 Resp: 661486

Ion Ratio Lower Upper

146 100

111 42.3 29.7 55.1

148 63.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 52.915 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

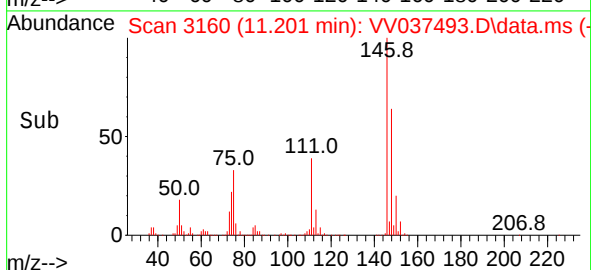
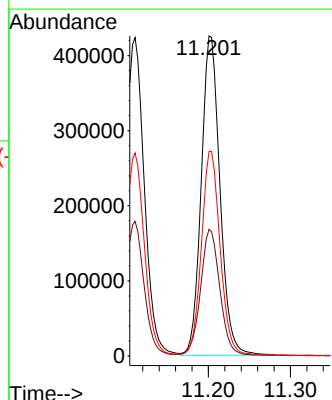
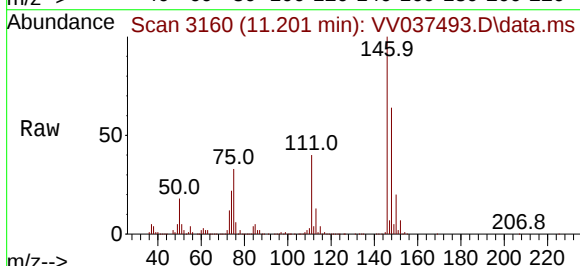
Tgt Ion:146 Resp: 674760

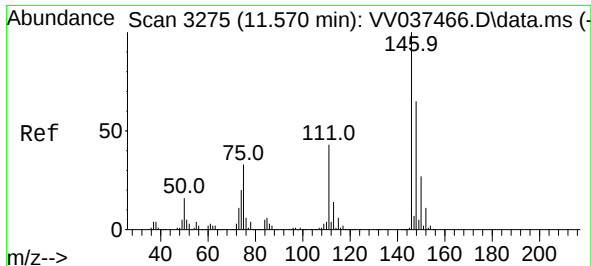
Ion Ratio Lower Upper

146 100

111 39.6 28.1 52.1

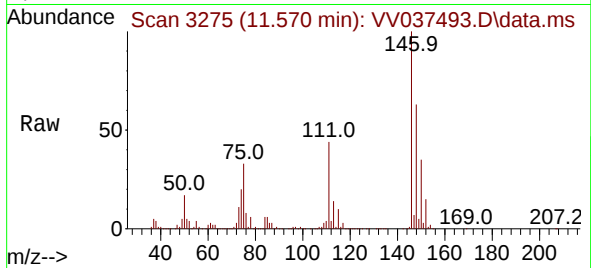
148 63.9 44.2 82.0



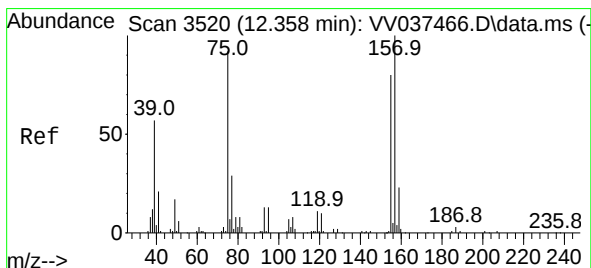
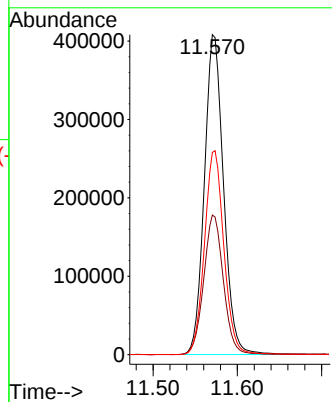
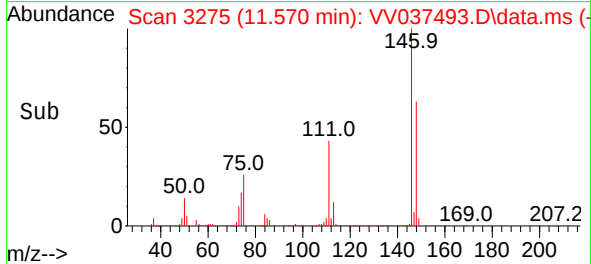


#67
1,2-Dichlorobenzene
Concen: 52.751 ug/L
RT: 11.570 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Instrument :
MSVOA_V
ClientSampleId :

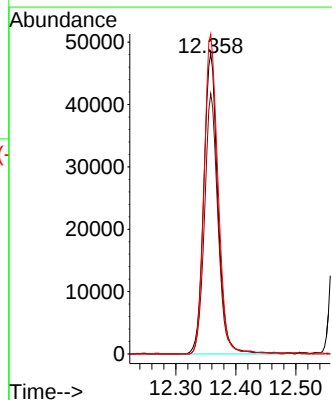
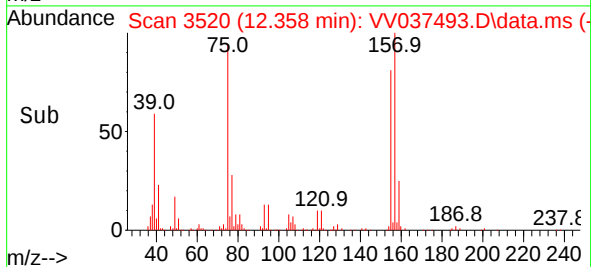
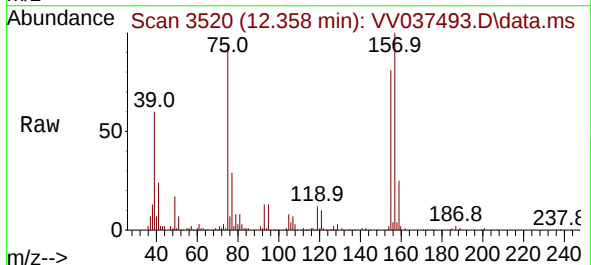


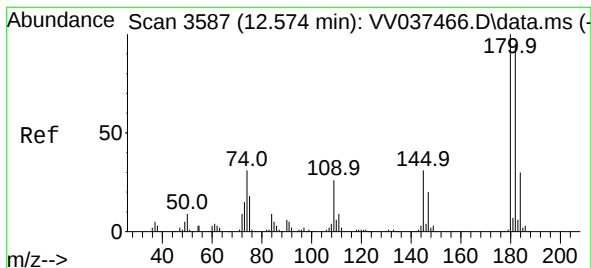
Tgt Ion:146 Resp: 646230
Ion Ratio Lower Upper
146 100
111 43.6 34.6 51.8
148 63.2 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 49.172 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV037493.D
Acq: 23 Sep 2024 19:08

Tgt Ion: 75 Resp: 79394
Ion Ratio Lower Upper
75 100
155 86.6 61.8 92.6
157 106.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 52.768 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

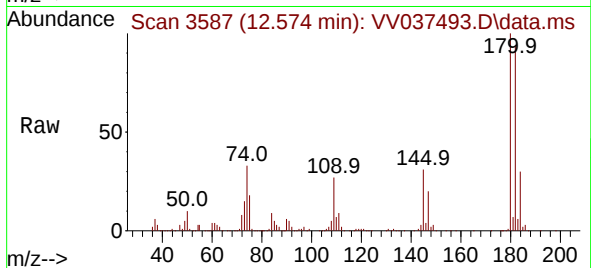
Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 457451

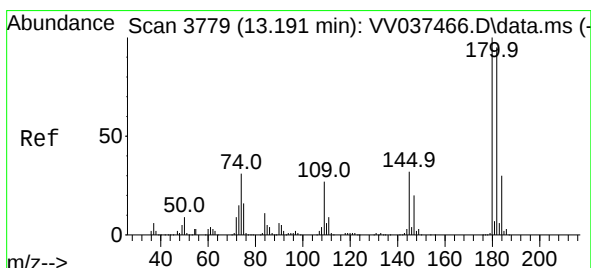
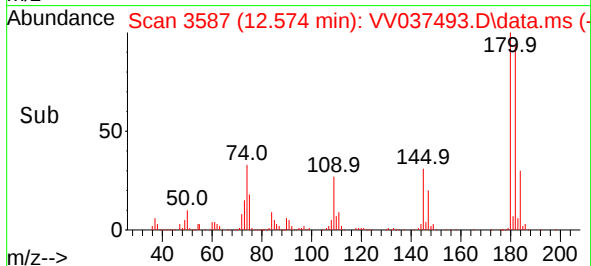
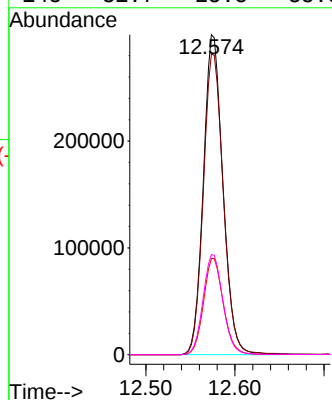
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

184 30.4 24.2 36.2

145 31.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 53.866 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

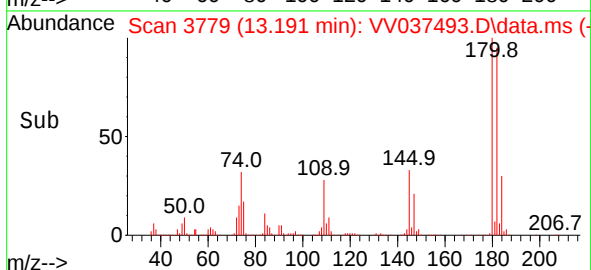
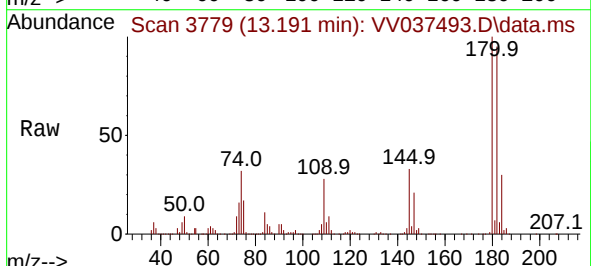
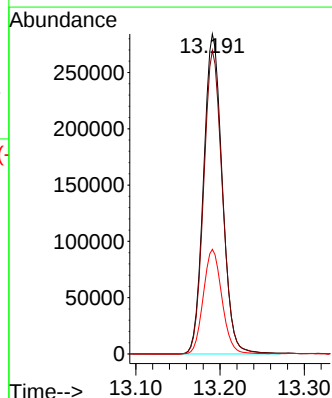
Tgt Ion:180 Resp: 439722

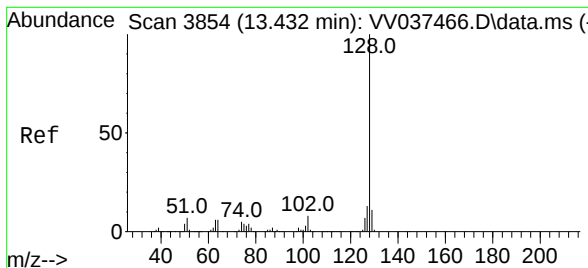
Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 54.751 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Instrument :

MSVOA_V

ClientSampleId :

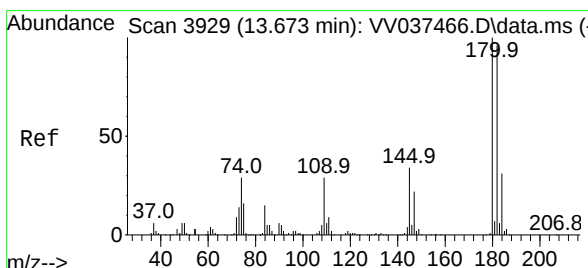
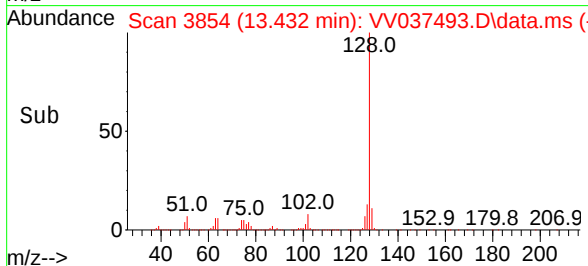
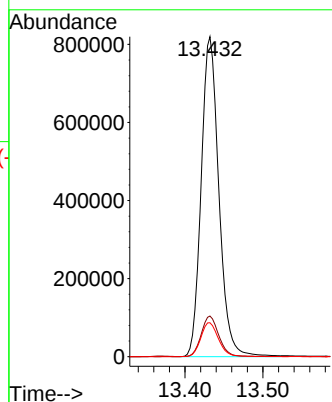
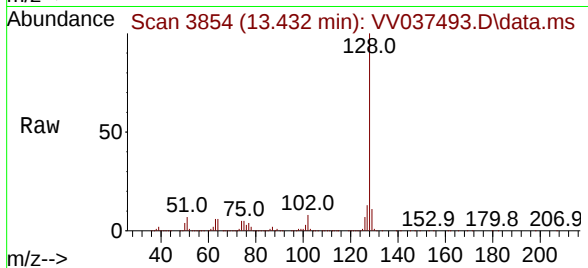
Tgt Ion:128 Resp: 1290604

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 52.935 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037493.D

Acq: 23 Sep 2024 19:08

Tgt Ion:180 Resp: 425846

Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

145 34.7 27.0 40.4

