

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037193IC.D
 Acq On : 04 Sep 2024 08:44
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 01:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	616037	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	571151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	279796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29295	2.655	ug/L	0.00
7) Chloroethane-d5	1.532	69	21335	2.491	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	12792	2.577	ug/L	0.00
21) 2-Butanone-d5	3.793	46	43	0.019	ug/L	-0.04
24) Chloroform-d	4.246	84	41189	2.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	20971	2.181	ug/L	0.00
32) Benzene-d6	4.956	84	81226	2.251	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	23255	2.080	ug/L	0.00
41) Toluene-d8	7.243	98	69060	2.116	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8616	2.002	ug/L	0.02
47) 2-Hexanone-d5	8.059	63	4520	3.232	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	19122	2.225	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	23163	2.121	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	22094	2.605	ug/L	98
3) Chloromethane	1.217	50	27002	2.664	ug/L	97
5) Vinyl chloride	1.281	62	26029	2.611	ug/L	85
6) Bromomethane	1.487	94	13968	2.422	ug/L	96
8) Chloroethane	1.548	64	15057	2.456	ug/L	97
9) Trichlorofluoromethane	1.712	101	33969	2.497	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	21657	2.548	ug/L	97
12) 1,1-Dichloroethene	2.069	96	19977	2.580	ug/L	88
13) Acetone	2.323	43	213	0.073	ug/L	96
14) Carbon disulfide	2.236	76	64364	2.533	ug/L	99
15) Methyl Acetate	2.381	43	9316	2.208	ug/L	98
16) Methylene chloride	2.442	84	29534	2.616	ug/L	95
17) trans-1,2-Dichloroethene	2.686	96	21329	2.525	ug/L	93
18) Methyl tert-butyl Ether	2.706	73	44681	2.260	ug/L	99
19) 1,1-Dichloroethane	3.104	63	38635	2.389	ug/L	94
20) cis-1,2-Dichloroethene	3.815	96	20681	2.319	ug/L	97
22) 2-Butanone	3.902	43	122	0.050	ug/L #	4
23) Bromochloromethane	4.153	128	8751	2.202	ug/L	93
25) Chloroform	4.275	83	37406	2.382	ug/L	94
27) 1,2-Dichloroethane	5.050	62	22420	2.253	ug/L	98
29) Cyclohexane	4.571	56	31665	2.457	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	30860	2.433	ug/L	98
31) Carbon tetrachloride	4.725	117	25744	2.401	ug/L	94
33) Benzene	5.008	78	75458	2.355	ug/L	100
34) Trichloroethene	5.834	95	20790	2.384	ug/L	98
35) Methylcyclohexane	6.040	83	35214	2.478	ug/L	99
37) 1,2-Dichloropropane	6.095	63	18912	2.276	ug/L #	90
38) Bromodichloromethane	6.436	83	22832	2.177	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	21789	1.771	ug/L	97
40) 4-Methyl-2-pentanone	7.140	43	227	0.049	ug/L #	45
42) Toluene	7.313	91	75598	2.242	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	18636	1.864	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037193IC.D
 Acq On : 04 Sep 2024 08:44
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

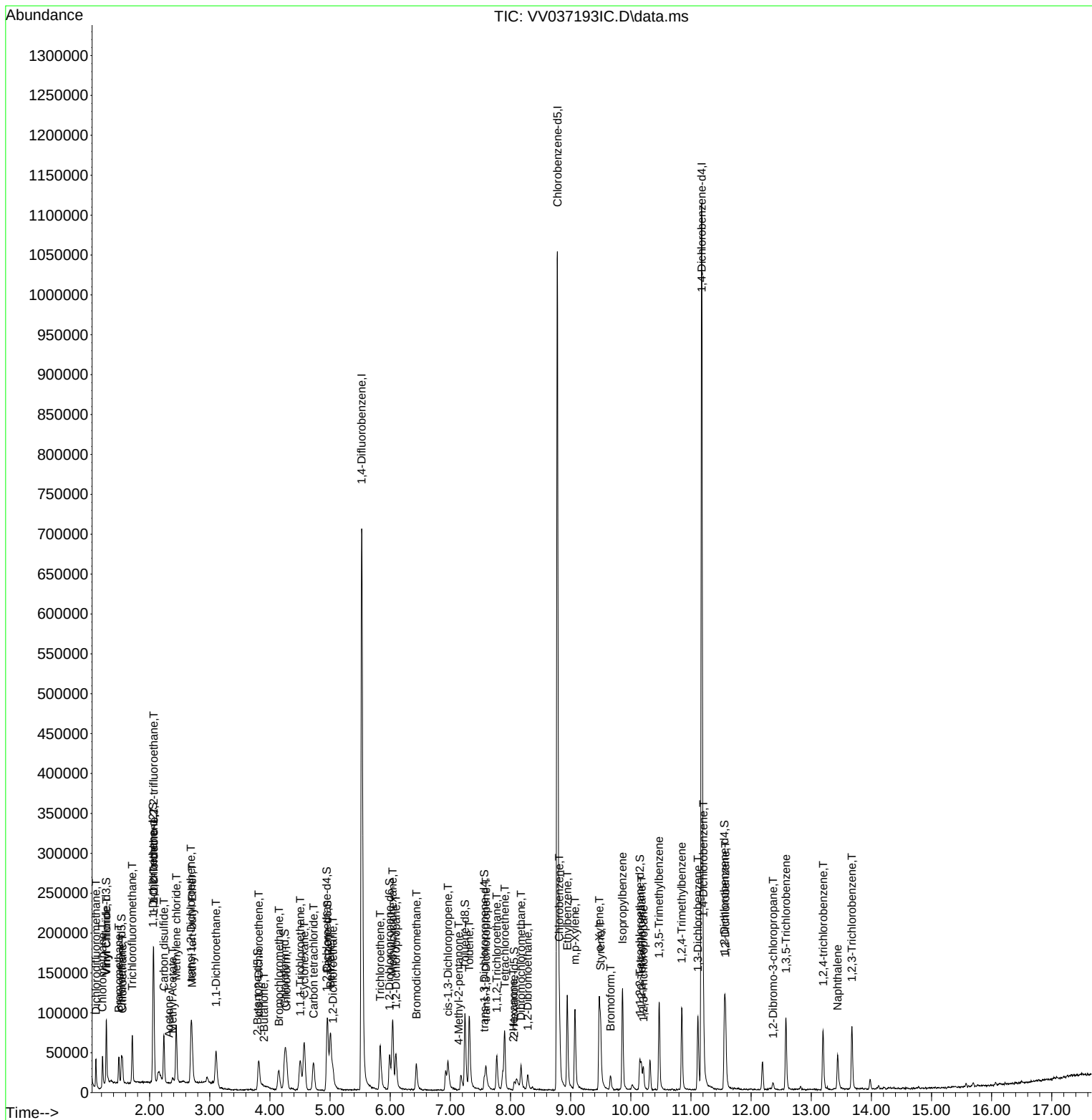
Quant Time: Sep 05 01:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

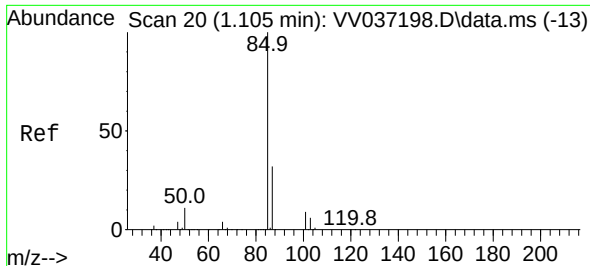
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	14650	2.339	ug/L	97
46) Tetrachloroethene	7.905	164	16226	2.531	ug/L	96
48) 2-Hexanone	8.050	43	254	0.073	ug/L #	70
49) Dibromochloromethane	8.175	129	14567	2.236	ug/L	100
50) 1,2-Dibromoethane	8.288	107	12712	2.125	ug/L #	90
51) Chlorobenzene	8.812	112	51260	2.323	ug/L	95
52) Ethylbenzene	8.943	91	85741	2.270	ug/L	96
53) m,p-Xylene	9.072	106	30775	2.197	ug/L	93
54) o-Xylene	9.477	106	30119	2.232	ug/L	99
55) Styrene	9.496	104	42568	1.877	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	16109	2.159	ug/L	97
59) Bromoform	9.664	173	7396	2.082	ug/L #	94
60) Isopropylbenzene	9.863	105	81680	2.248	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12475	2.420	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	60393	2.093	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	57785	2.019	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	37927	2.289	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	41277	2.444	ug/L	93
67) 1,2-Dichlorobenzene	11.574	146	35364	2.301	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.368	75	2342	2.013	ug/L	86
69) 1,3,5-Trichlorobenzene	12.580	180	27702	2.357	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	21222	2.045	ug/L	97
71) Naphthalene	13.438	128	37939	1.874	ug/L	98
72) 1,2,3-Trichlorobenzene	13.676	180	19656	2.063	ug/L	95

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

Quant Time: Sep 05 01:31:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 05 01:30:05 2024
Response via : Initial Calibration

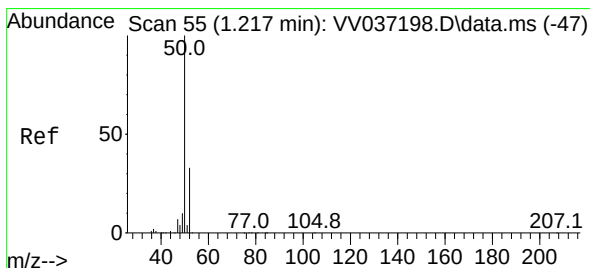
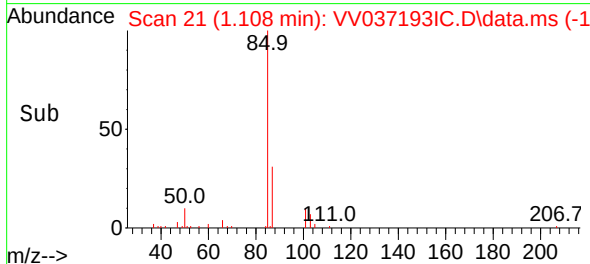
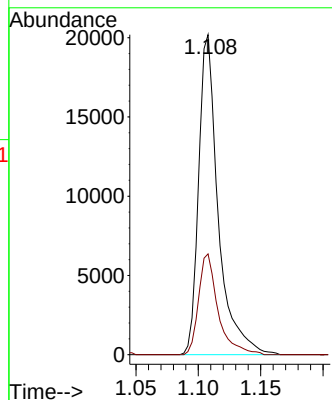
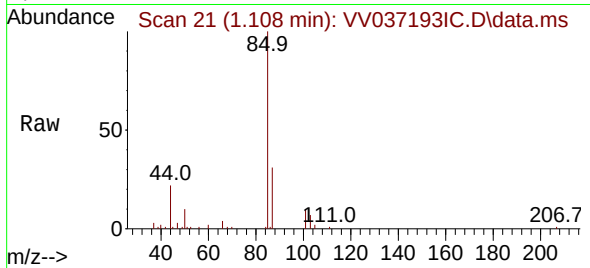




#2
 Dichlorodifluoromethane
 Concen: 2.605 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037193IC.D
 Acq: 04 Sep 2024 08:44

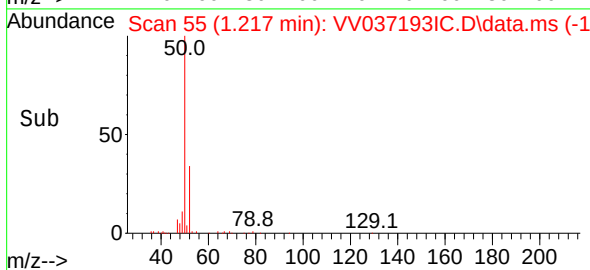
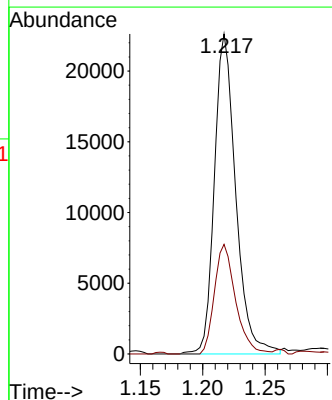
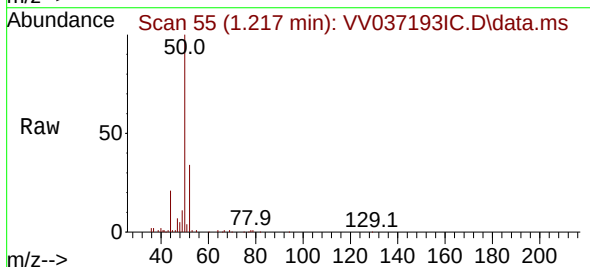
Instrument :
 MSVOA_V
 ClientSampleId :

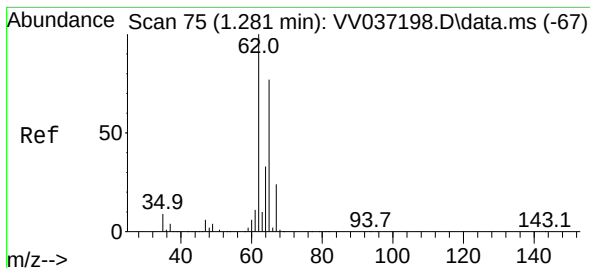
Tgt Ion: 85 Resp: 22094
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.1 39.1



#3
 Chloromethane
 Concen: 2.664 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV037193IC.D
 Acq: 04 Sep 2024 08:44

Tgt Ion: 50 Resp: 27002
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.9 42.5





#5

Vinyl chloride

Concen: 2.611 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

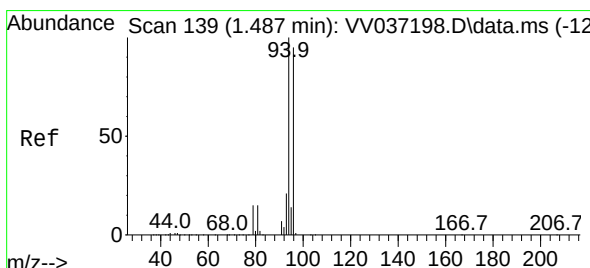
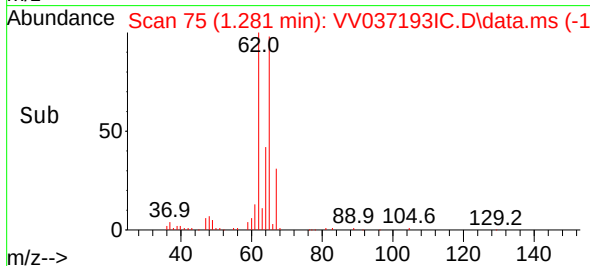
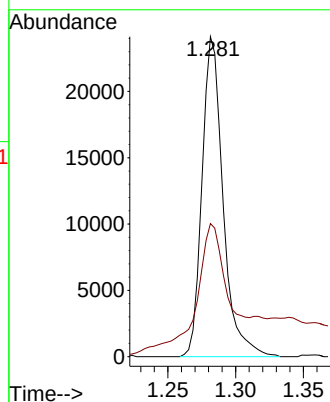
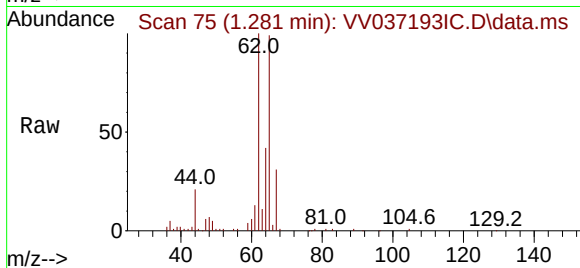
ClientSampleId :

Tgt Ion: 62 Resp: 26029

Ion Ratio Lower Upper

62 100

64 41.6 23.2 43.2



#6

Bromomethane

Concen: 2.422 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV037193IC.D

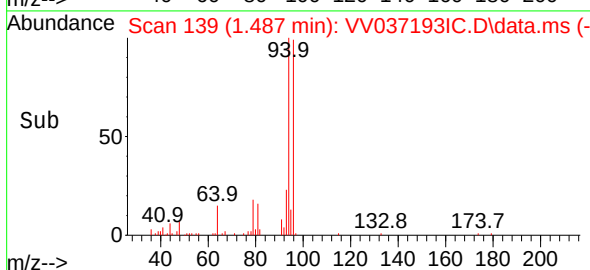
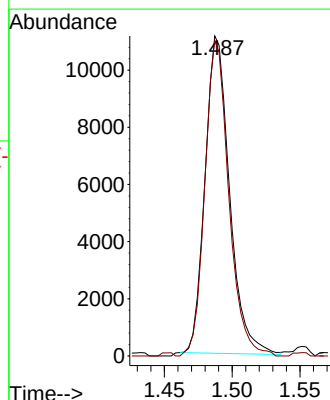
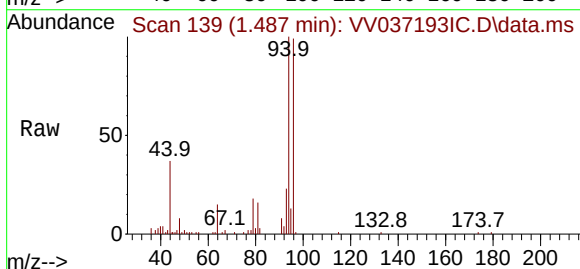
Acq: 04 Sep 2024 08:44

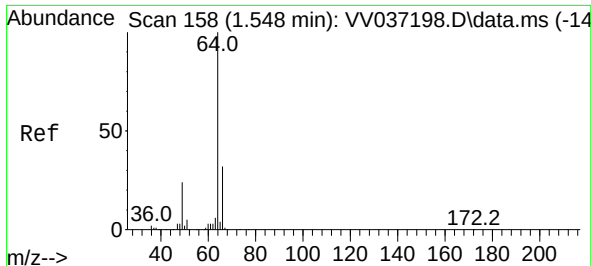
Tgt Ion: 94 Resp: 13968

Ion Ratio Lower Upper

94 100

96 98.5 66.6 123.6

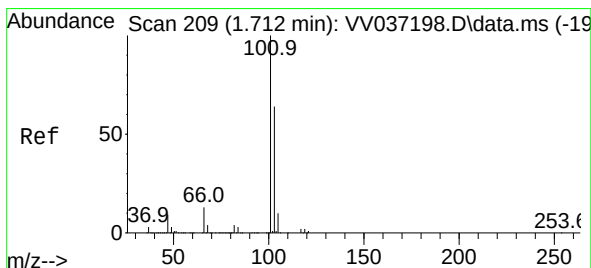
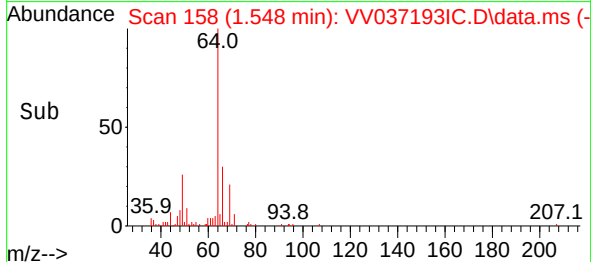
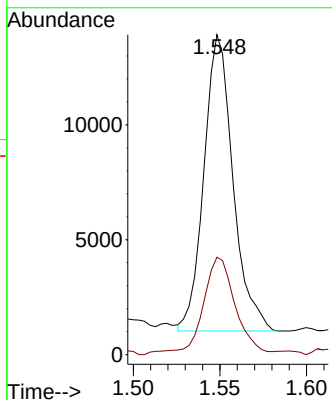
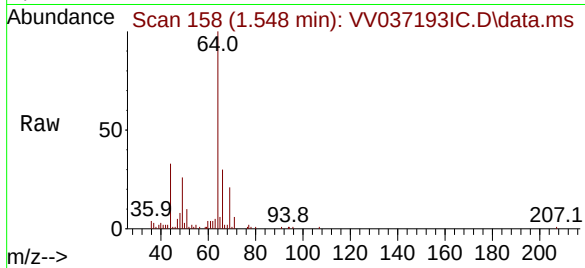




#8
Chloroethane
Concen: 2.456 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

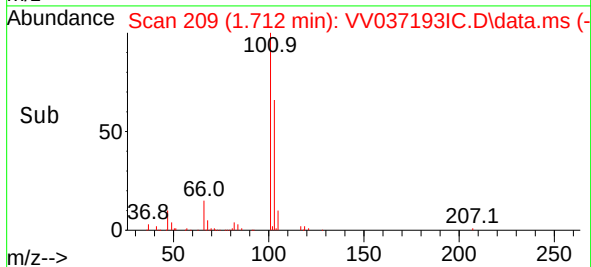
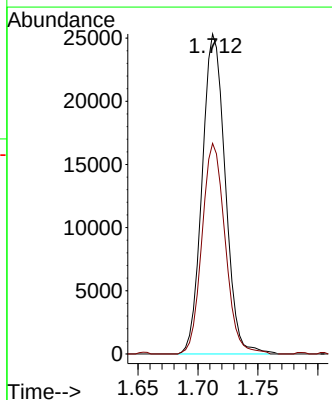
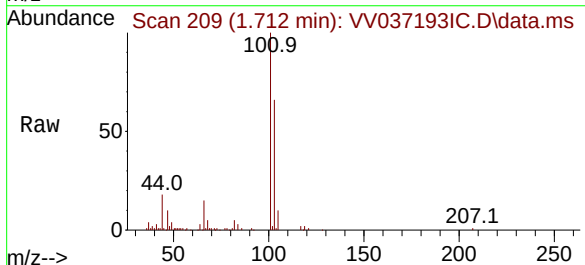
Instrument :
MSVOA_V
ClientSampleId :

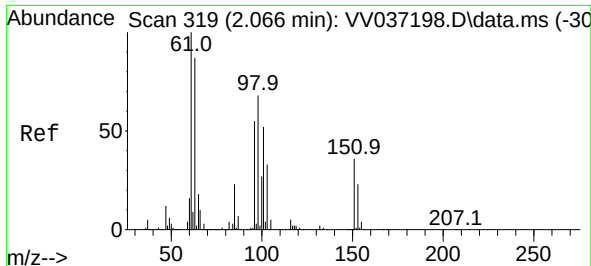
Tgt Ion: 64 Resp: 15057
Ion Ratio Lower Upper
64 100
66 30.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.497 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:101 Resp: 33969
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2

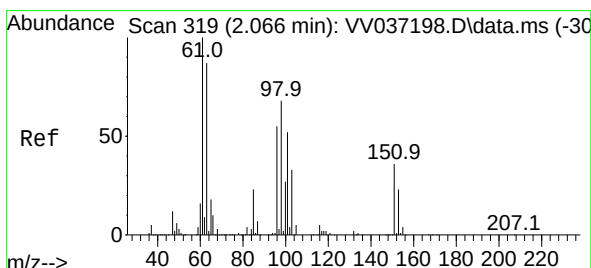
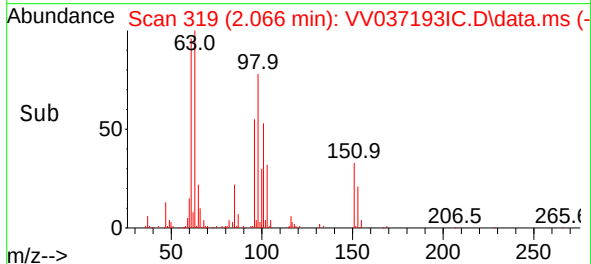
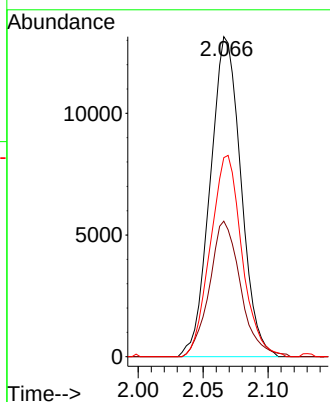
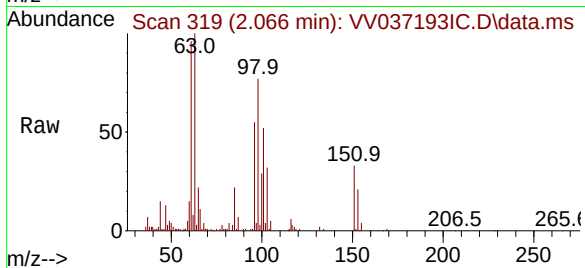




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.548 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

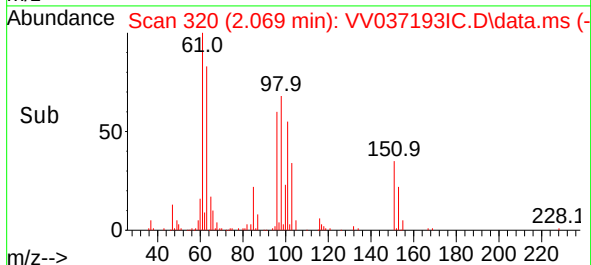
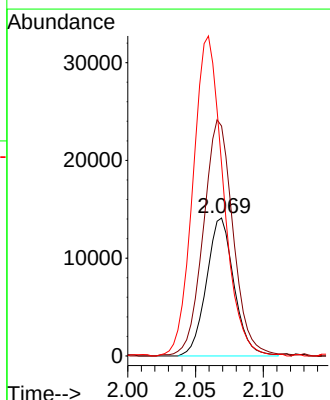
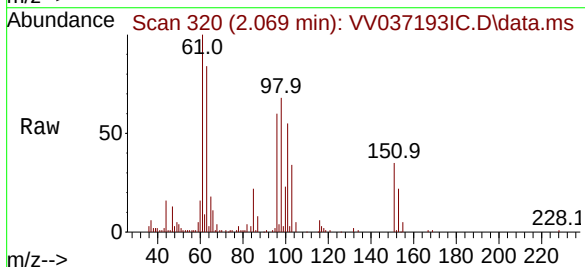
Instrument :
MSVOA_V
ClientSampleId :

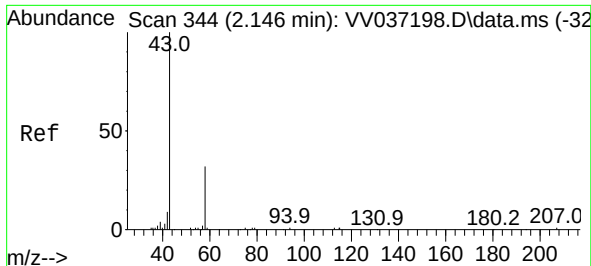
Tgt Ion:	101	Resp:	21657
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.7	52.1
151	64.6	54.3	81.5



#12
1,1-Dichloroethene
Concen: 2.580 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:	96	Resp:	19977
Ion Ratio	Lower	Upper	
96	100		
61	166.7	126.8	235.6
63	139.2	110.4	205.0





#13

Acetone

Concen: 0.073 ug/L

RT: 2.323 min Scan# 344

Delta R.T. 0.177 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

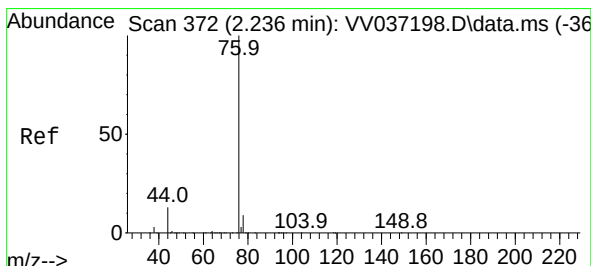
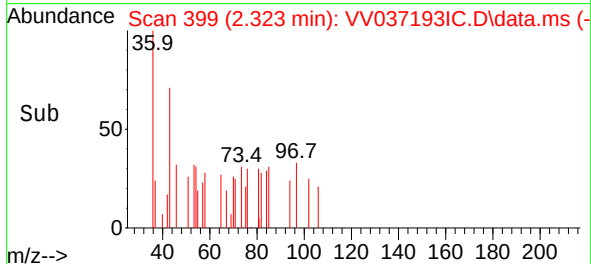
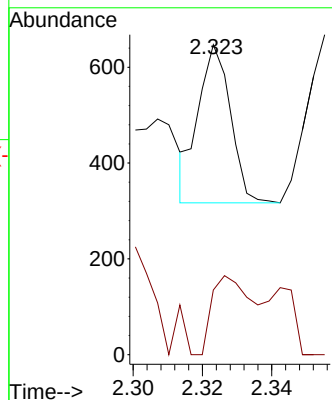
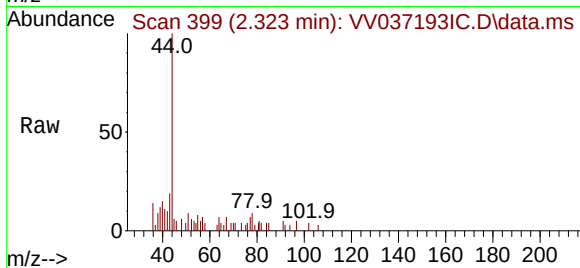
ClientSampleId :

Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

58 9.4 0.0 22.2



#14

Carbon disulfide

Concen: 2.533 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037193IC.D

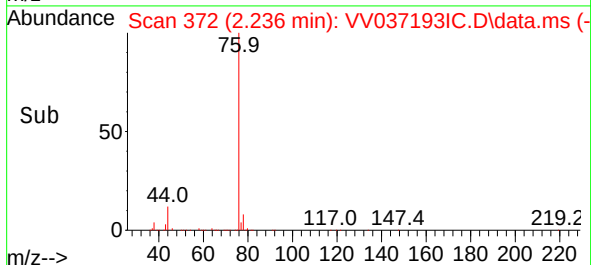
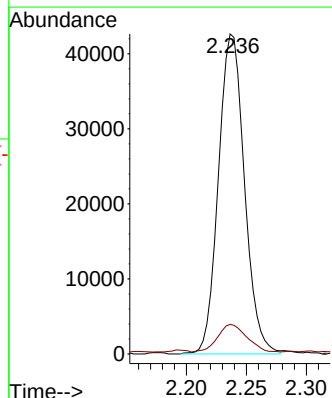
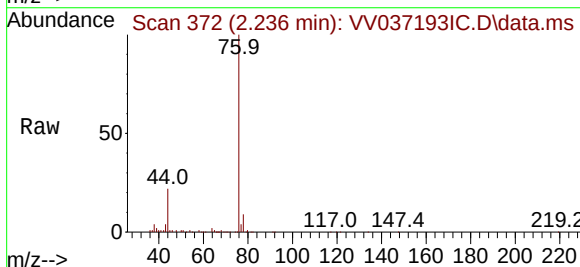
Acq: 04 Sep 2024 08:44

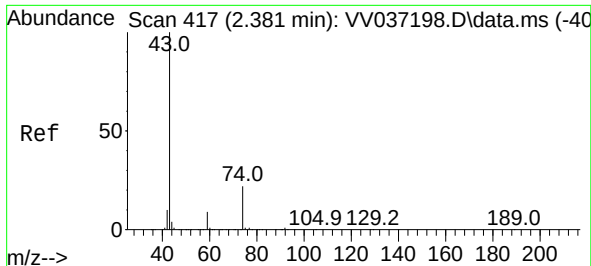
Tgt Ion: 76 Resp: 64364

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methyl Acetate

Concen: 2.208 ug/L

RT: 2.381 min Scan# 417

Delta R.T. -0.000 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

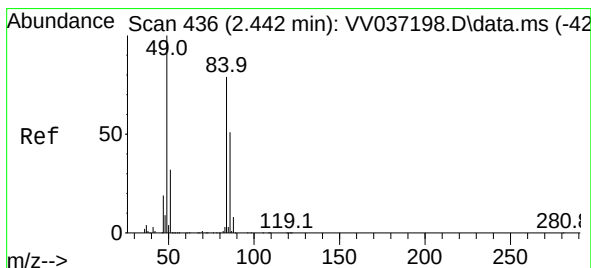
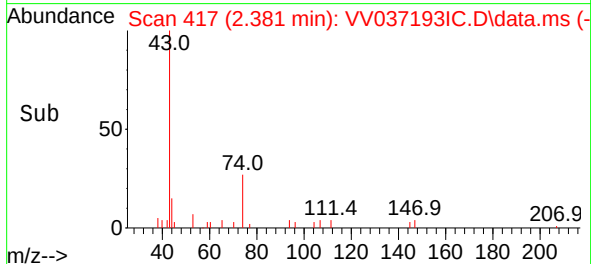
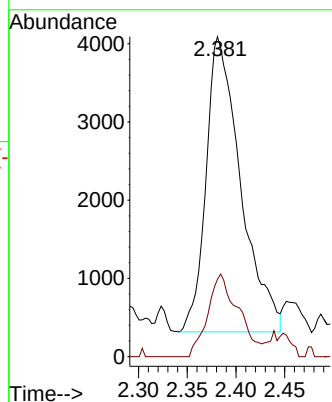
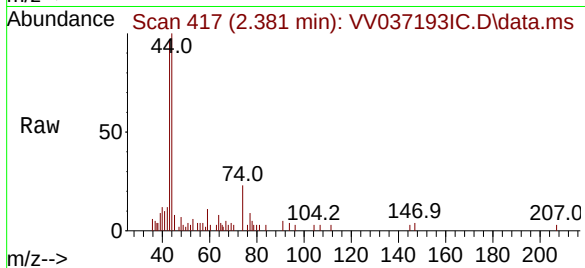
ClientSampleId :

Tgt Ion: 43 Resp: 9316

Ion Ratio Lower Upper

43 100

74 24.8 19.0 28.4



#16

Methylene chloride

Concen: 2.616 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

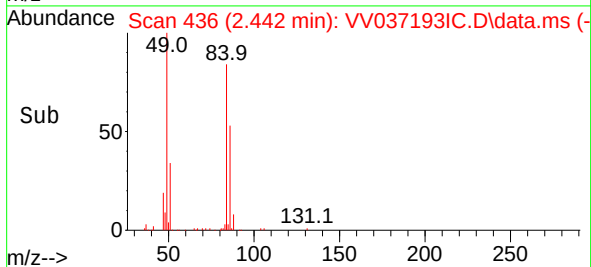
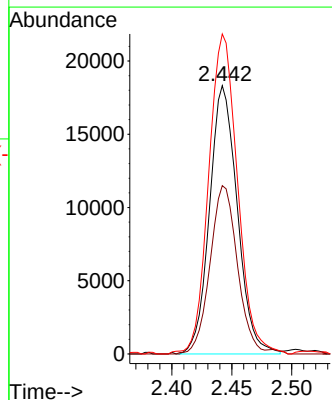
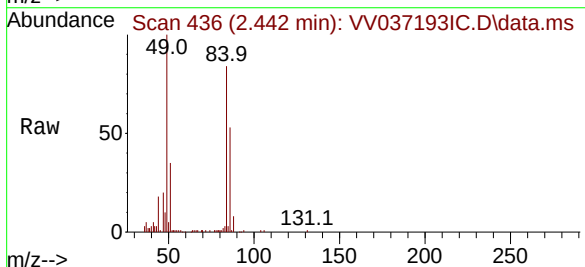
Tgt Ion: 84 Resp: 29534

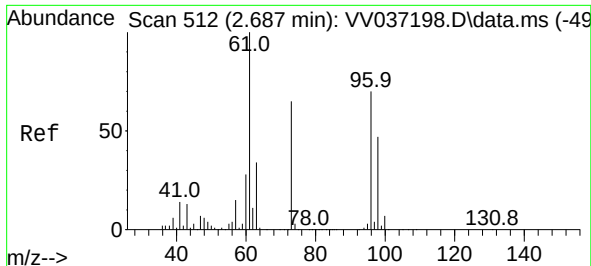
Ion Ratio Lower Upper

84 100

86 62.8 45.4 84.2

49 119.3 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 2.525 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

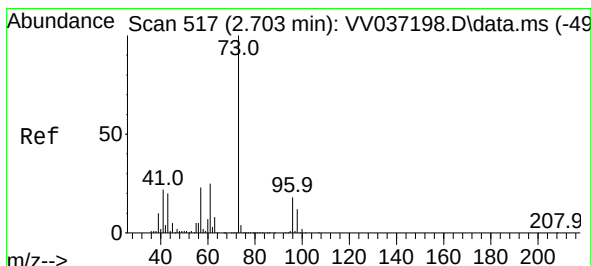
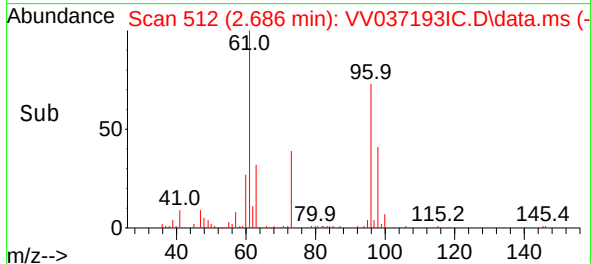
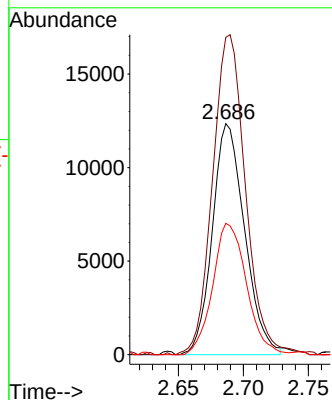
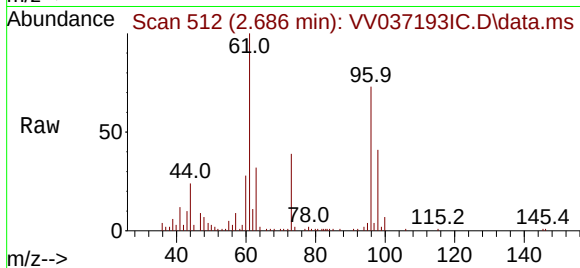
Tgt Ion: 96 Resp: 21329

Ion Ratio Lower Upper

96 100

61 137.3 99.7 185.1

98 56.8 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 2.260 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

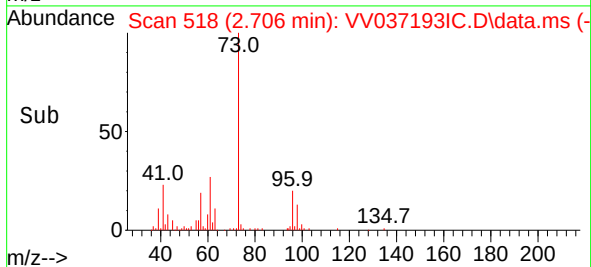
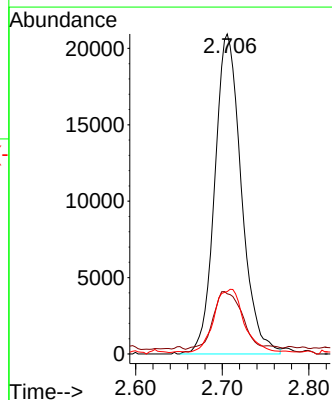
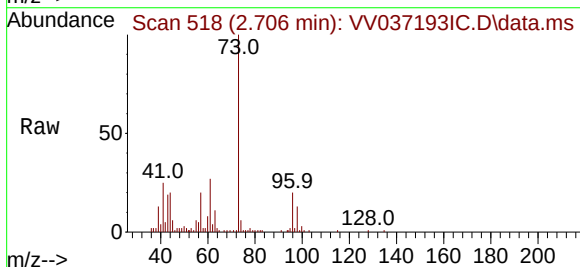
Tgt Ion: 73 Resp: 44681

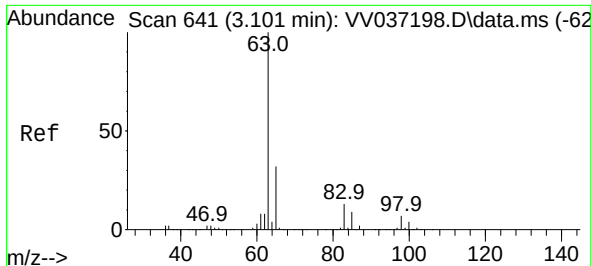
Ion Ratio Lower Upper

73 100

43 19.5 15.7 23.5

57 21.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 2.389 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

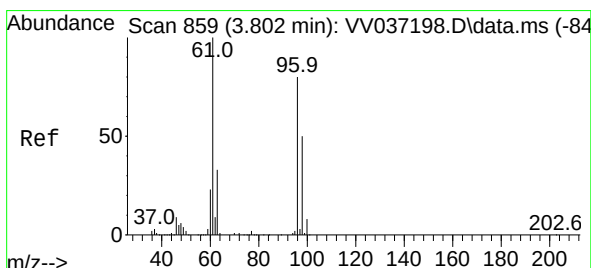
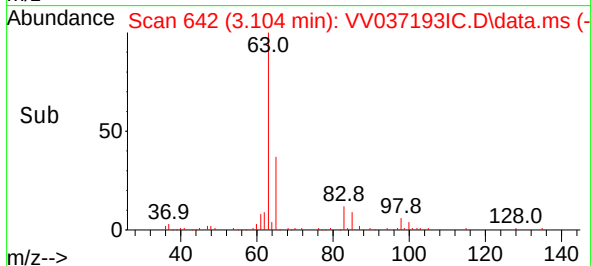
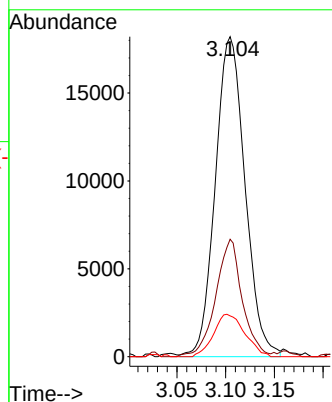
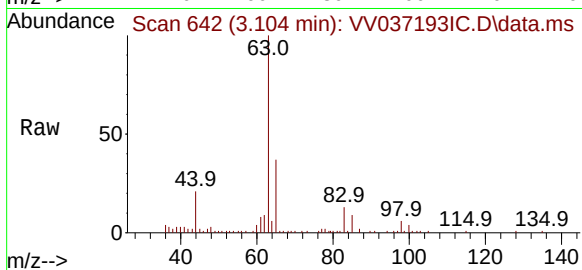
Tgt Ion: 63 Resp: 38635

Ion Ratio Lower Upper

63 100

65 36.7 22.4 41.6

83 12.8 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 2.319 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.013 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

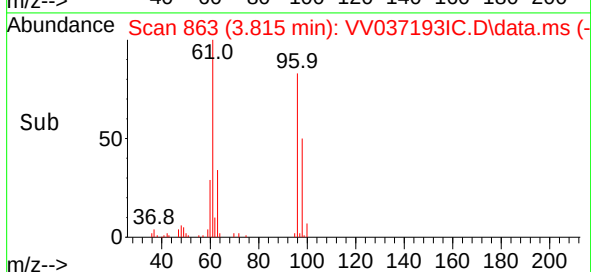
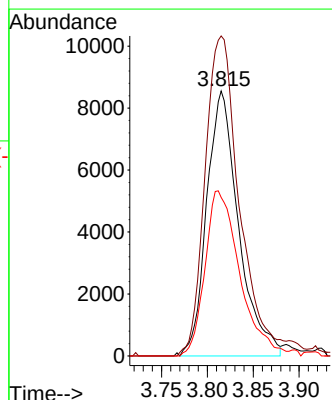
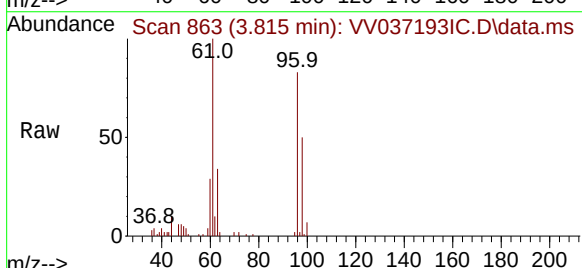
Tgt Ion: 96 Resp: 20681

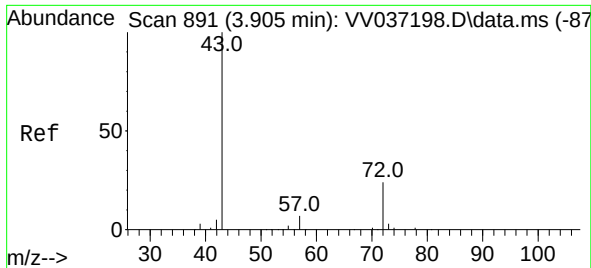
Ion Ratio Lower Upper

96 100

61 120.8 87.6 162.6

98 61.3 44.0 81.6

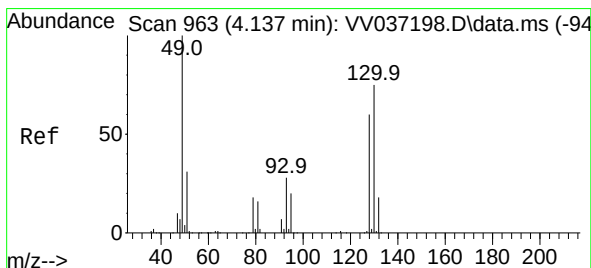
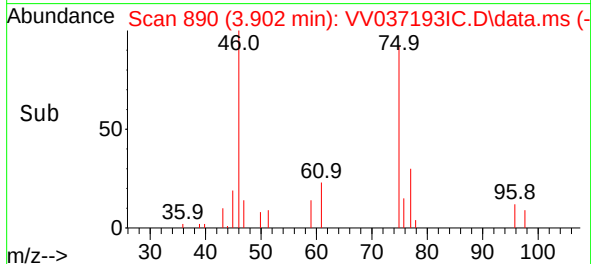
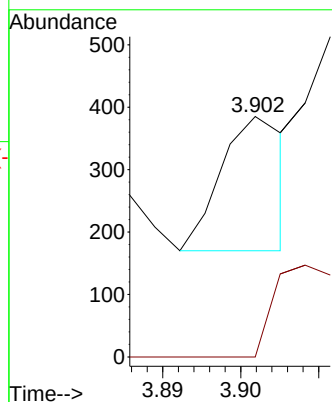
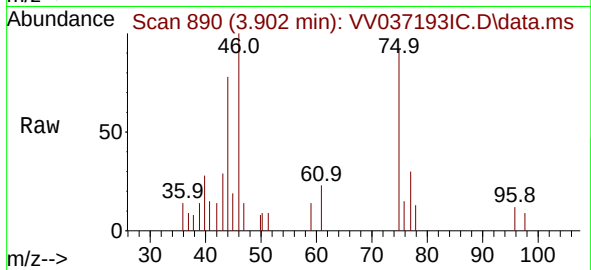




#22
2-Butanone
Concen: 0.050 ug/L
RT: 3.902 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

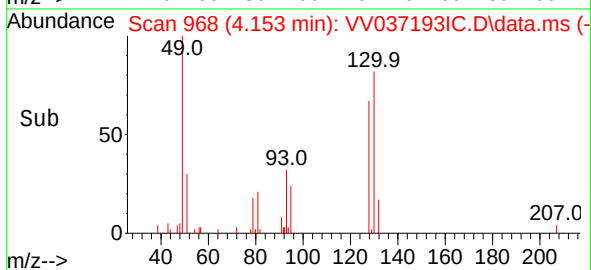
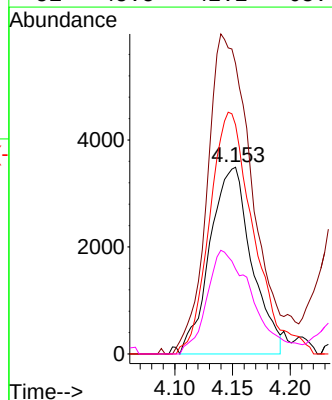
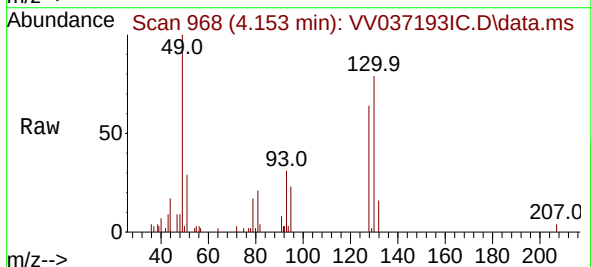
Instrument :
MSVOA_V
ClientSampleId :

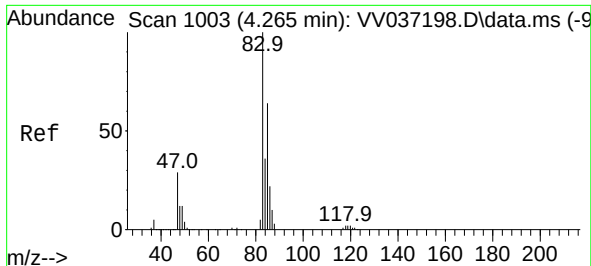
Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
72 64.8 10.2 30.6#



#23
Bromochloromethane
Concen: 2.202 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.016 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:128 Resp: 8751
Ion Ratio Lower Upper
128 100
49 155.5 117.8 218.8
130 122.7 88.4 164.2
51 45.5 42.2 63.4





#25

Chloroform

Concen: 2.382 ug/L

RT: 4.275 min Scan# 1003

Delta R.T. 0.010 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

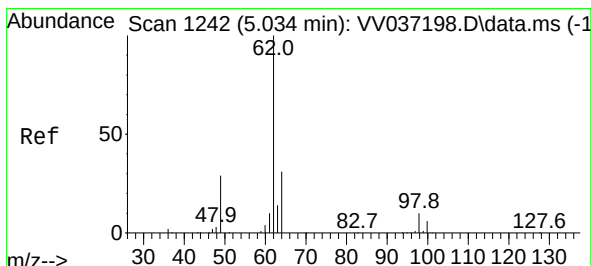
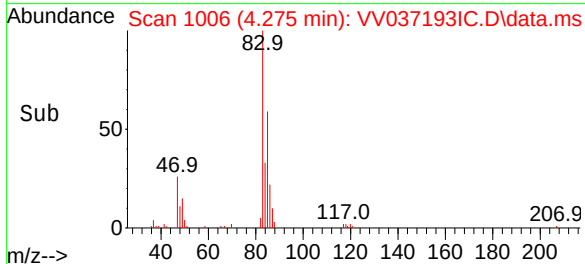
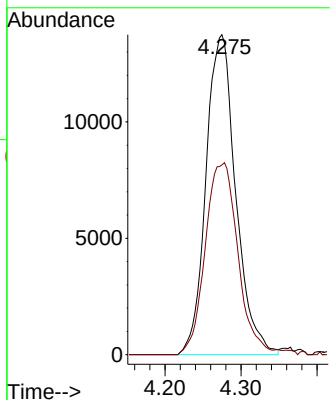
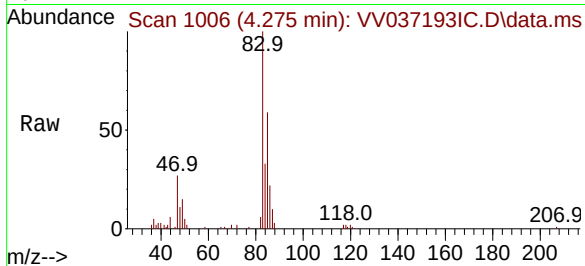
ClientSampleId :

Tgt Ion: 83 Resp: 37406

Ion Ratio Lower Upper

83 100

85 59.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 2.253 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.016 min

Lab File: VV037193IC.D

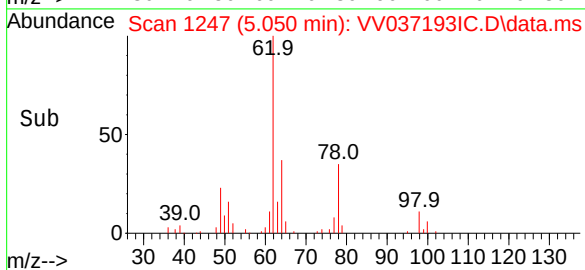
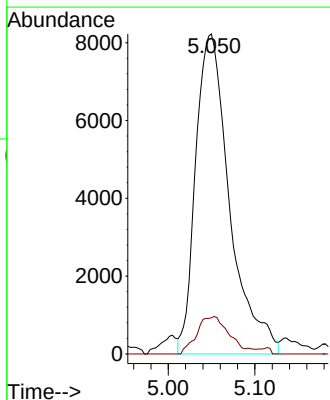
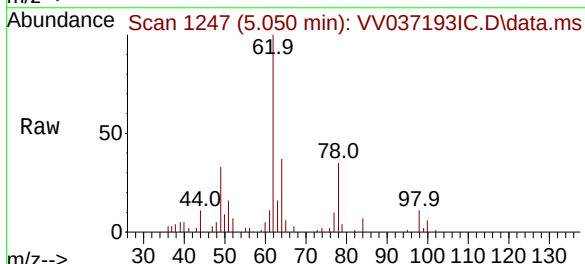
Acq: 04 Sep 2024 08:44

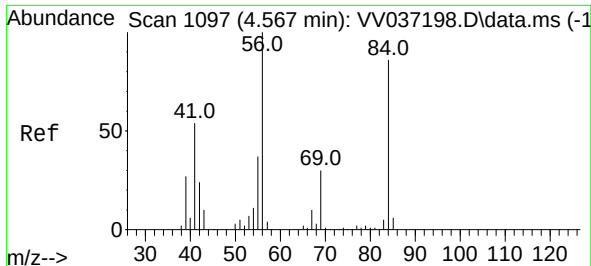
Tgt Ion: 62 Resp: 22420

Ion Ratio Lower Upper

62 100

98 11.3 8.3 12.5





#29

Cyclohexane

Concen: 2.457 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

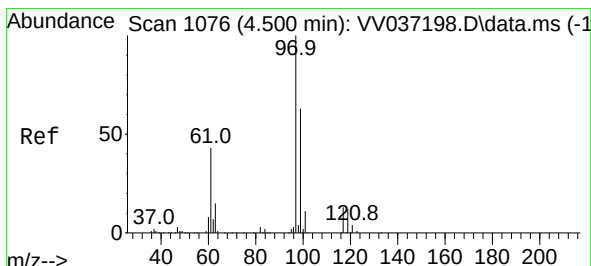
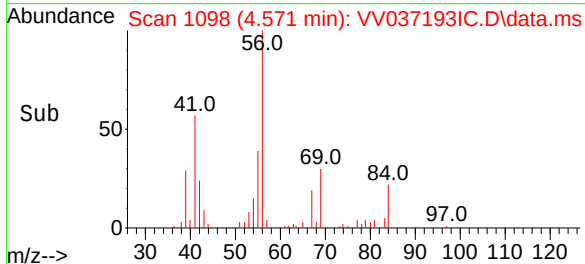
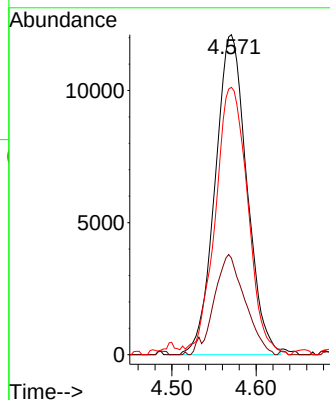
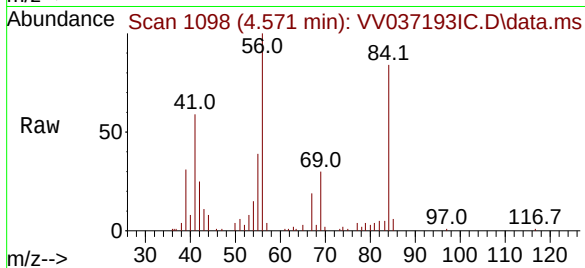
Tgt Ion: 56 Resp: 31665

Ion Ratio Lower Upper

56 100

69 29.3 24.3 36.5

84 85.6 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 2.433 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

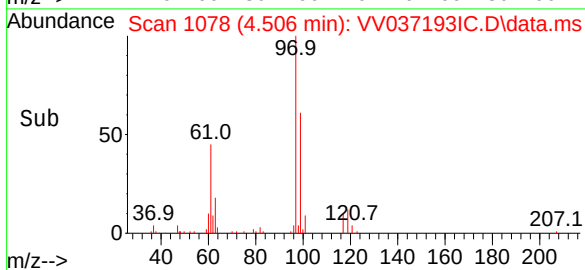
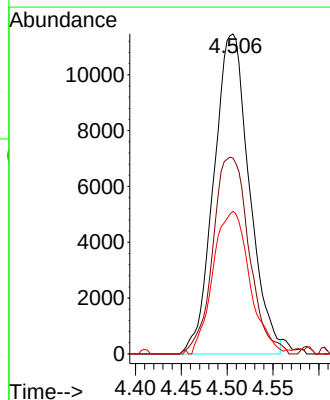
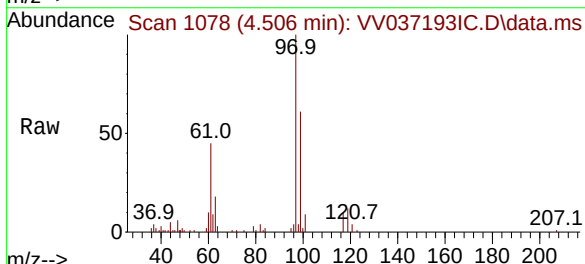
Tgt Ion: 97 Resp: 30860

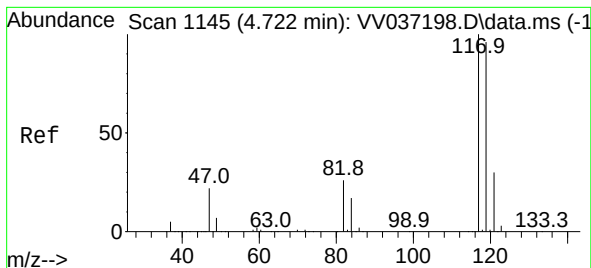
Ion Ratio Lower Upper

97 100

99 62.6 51.5 77.3

61 45.9 35.4 53.2





#31

Carbon tetrachloride

Concen: 2.401 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

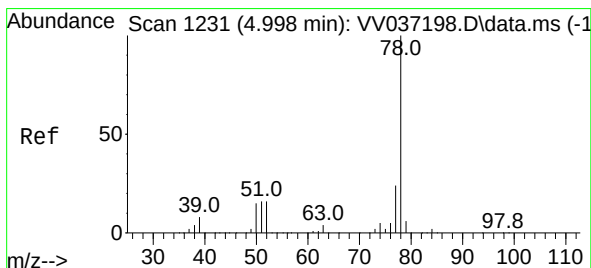
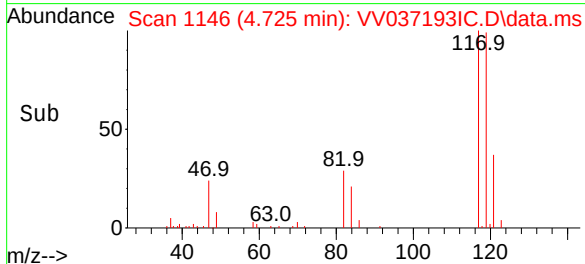
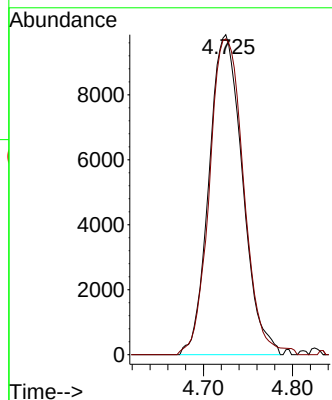
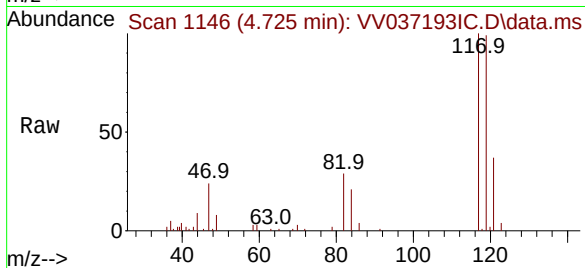
ClientSampleId :

Tgt Ion:117 Resp: 25744

Ion Ratio Lower Upper

117 100

119 100.7 76.2 114.4



#33

Benzene

Concen: 2.355 ug/L

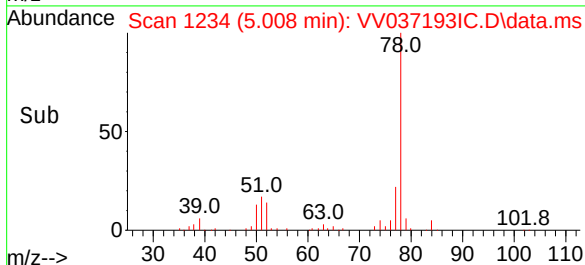
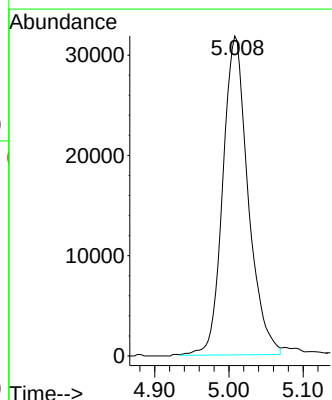
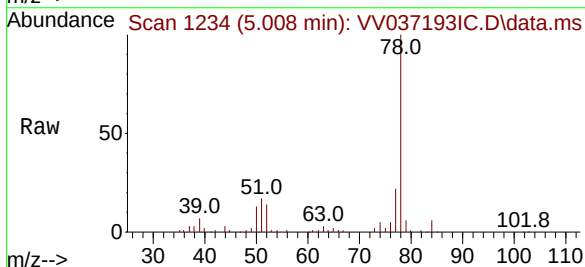
RT: 5.008 min Scan# 1234

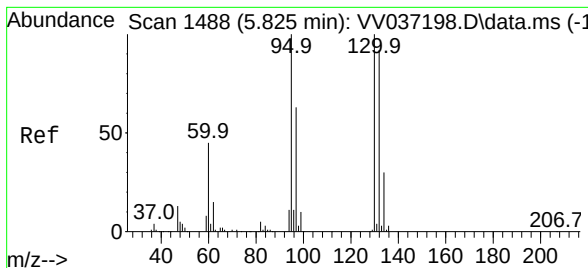
Delta R.T. 0.010 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Tgt Ion: 78 Resp: 75458





#34

Trichloroethene

Concen: 2.384 ug/L

RT: 5.834 min Scan# 1488

Delta R.T. 0.010 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 20790

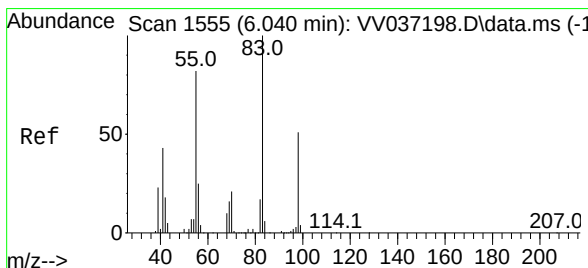
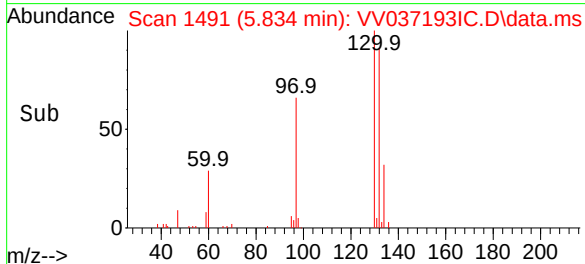
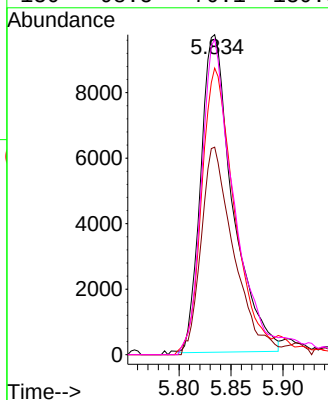
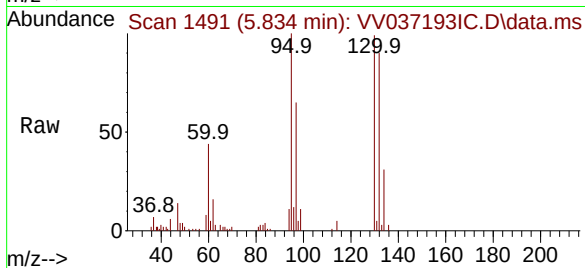
Ion Ratio Lower Upper

95 100

97 64.8 44.0 81.6

132 89.5 64.3 119.5

130 98.5 70.1 130.3



#35

Methylcyclohexane

Concen: 2.478 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

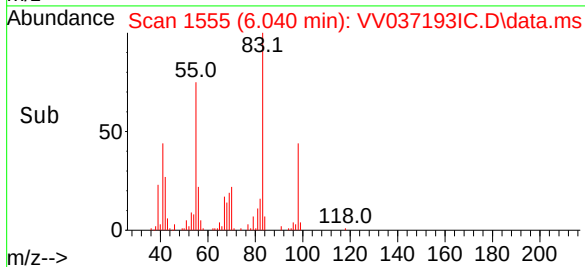
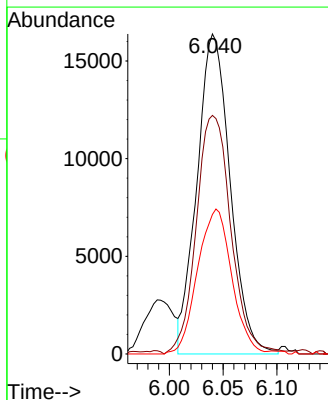
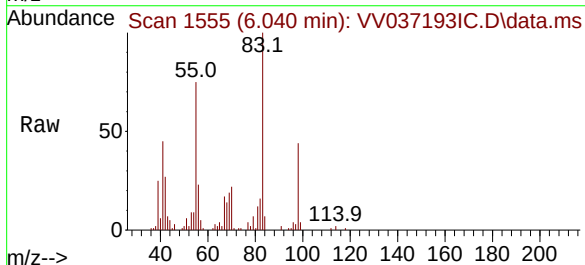
Tgt Ion: 83 Resp: 35214

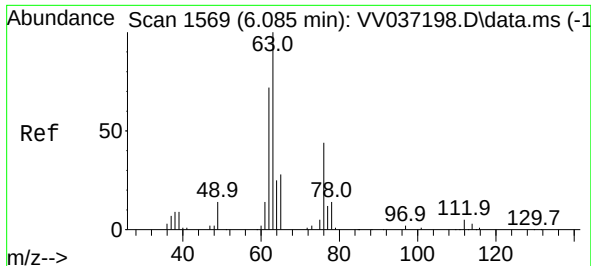
Ion Ratio Lower Upper

83 100

55 77.8 61.6 92.4

98 46.5 38.5 57.7

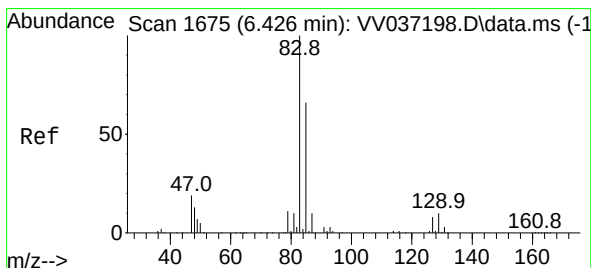
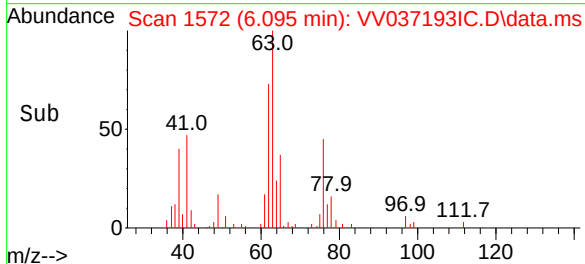
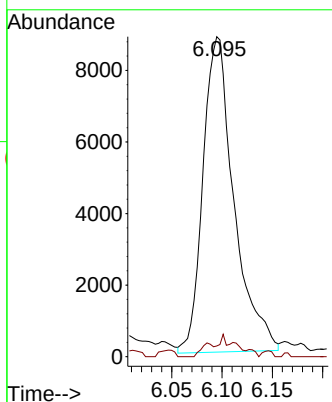
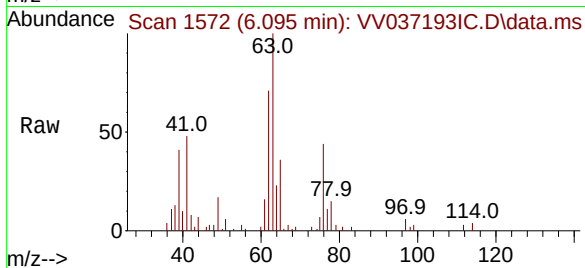




#37
1,2-Dichloropropane
Concen: 2.276 ug/L
RT: 6.095 min Scan# 1569
Delta R.T. 0.010 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

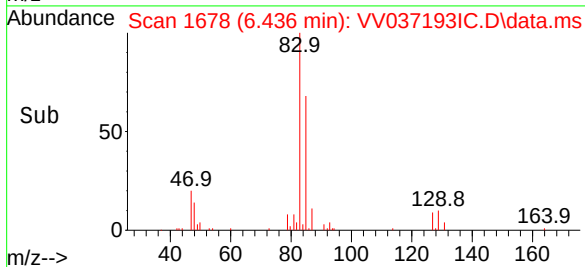
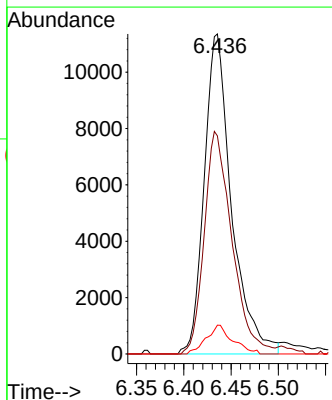
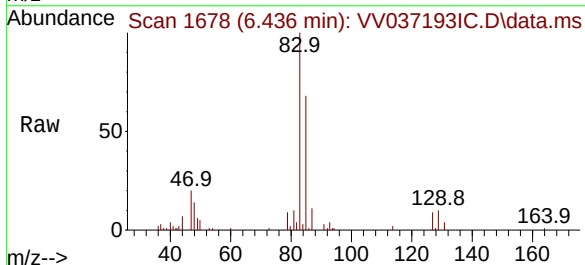
Instrument :
MSVOA_V
ClientSampleId :

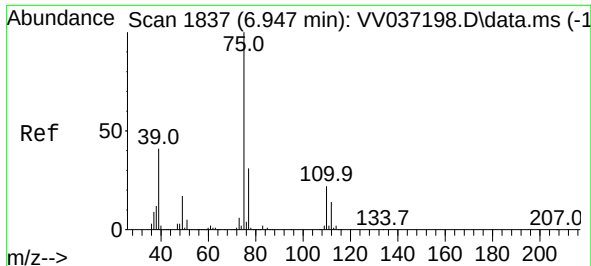
Tgt Ion: 63 Resp: 18912
Ion Ratio Lower Upper
63 100
112 1.3 3.8 5.6#



#38
Bromodichloromethane
Concen: 2.177 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.010 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion: 83 Resp: 22832
Ion Ratio Lower Upper
83 100
85 68.1 45.9 85.3
127 9.0 6.5 9.7

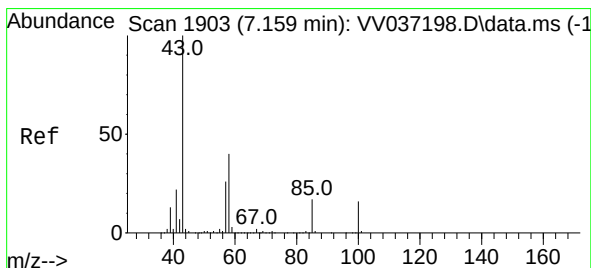
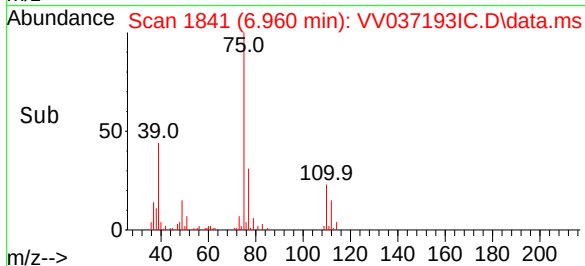
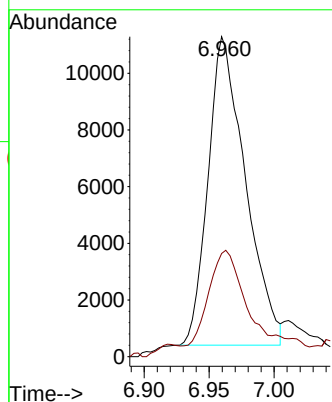
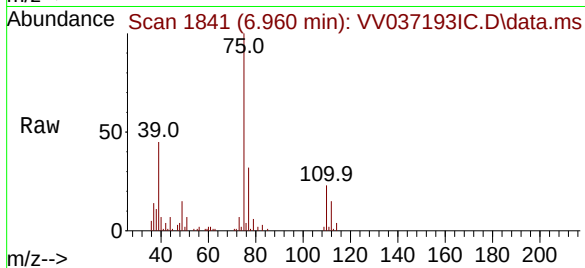




#39
 cis-1,3-Dichloropropene
 Concen: 1.771 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.013 min
 Lab File: VV037193IC.D
 Acq: 04 Sep 2024 08:44

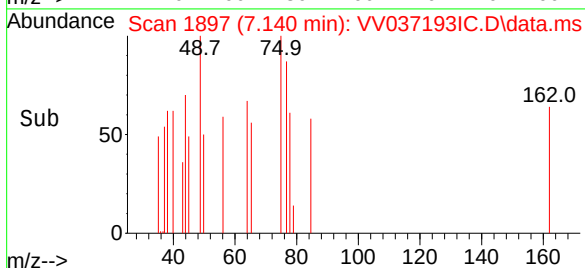
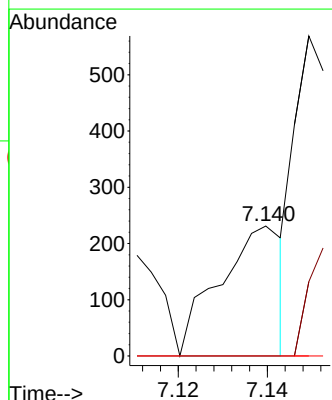
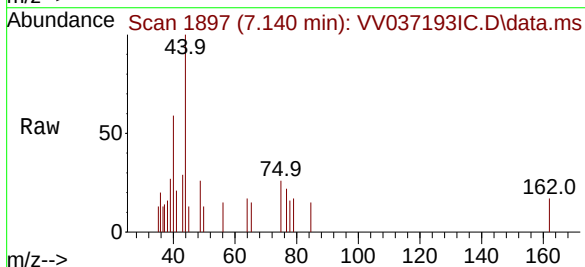
Instrument :
 MSVOA_V
 ClientSampleId :

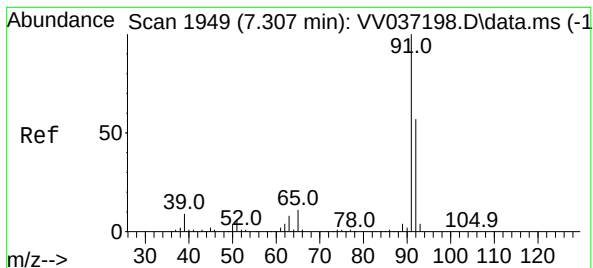
Tgt Ion: 75 Resp: 21789
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 0.049 ug/L
 RT: 7.140 min Scan# 1897
 Delta R.T. -0.019 min
 Lab File: VV037193IC.D
 Acq: 04 Sep 2024 08:44

Tgt Ion: 43 Resp: 227
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.3 45.5#
 100 0.0 11.6 17.4#





#42

Toluene

Concen: 2.242 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

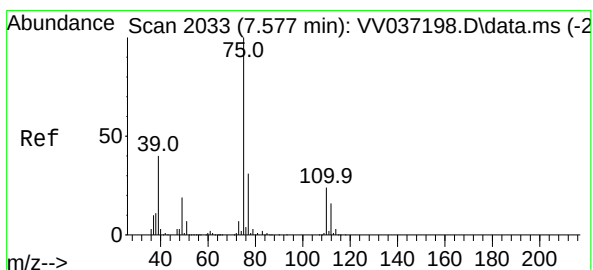
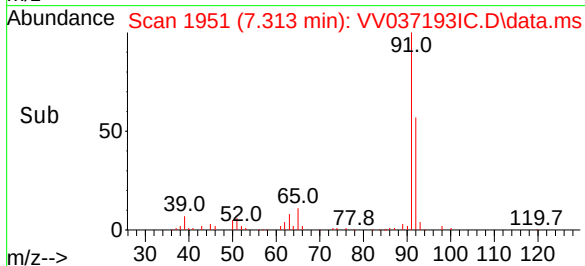
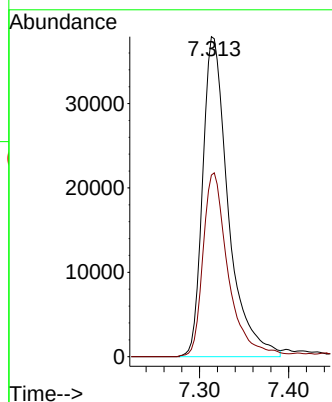
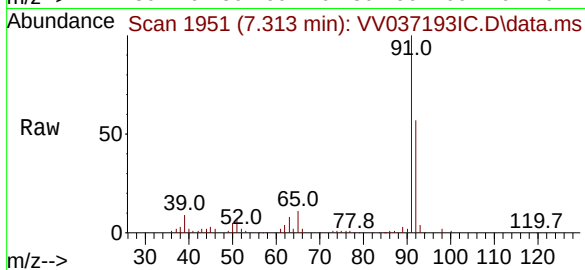
ClientSampleId :

Tgt Ion: 91 Resp: 75598

Ion Ratio Lower Upper

91 100

92 56.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 1.864 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV037193IC.D

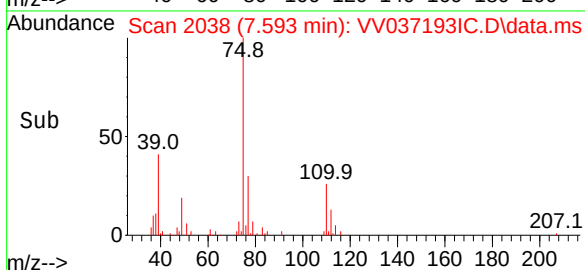
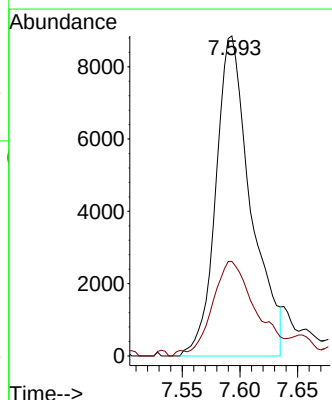
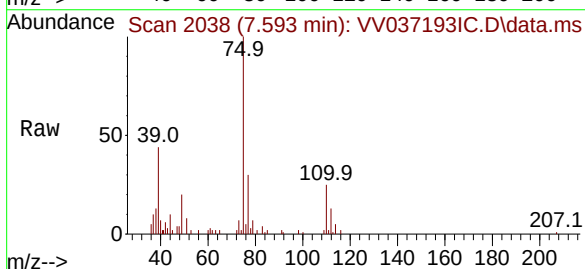
Acq: 04 Sep 2024 08:44

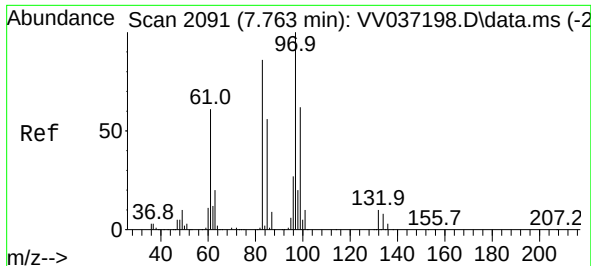
Tgt Ion: 75 Resp: 18636

Ion Ratio Lower Upper

75 100

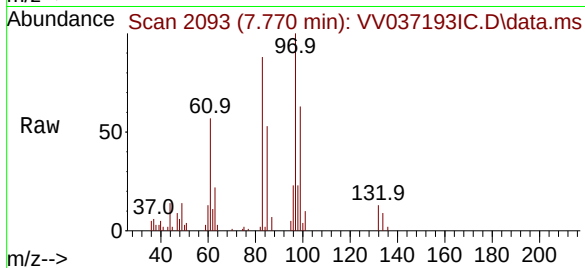
77 29.5 21.8 40.4



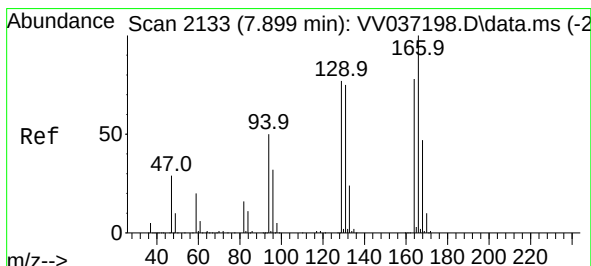
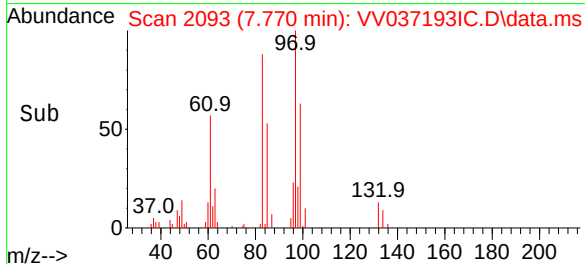
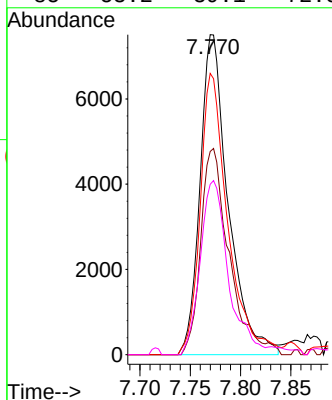


#45
1,1,2-Trichloroethane
Concen: 2.339 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.006 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Instrument :
MSVOA_V
ClientSampleId :

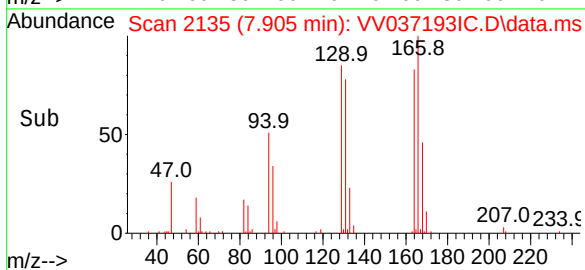
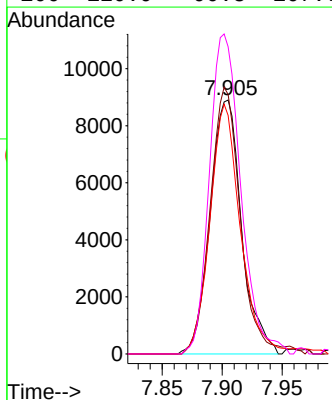
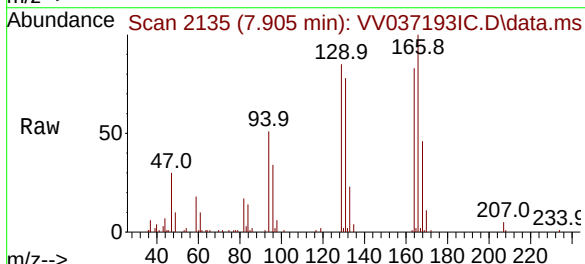


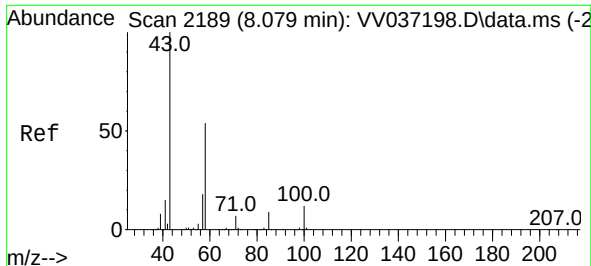
Tgt Ion:	97	Resp:	14650
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.2	80.2
83	87.9	60.0	111.4
85	53.2	39.1	72.5



#46
Tetrachloroethene
Concen: 2.531 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:	164	Resp:	16226
Ion	Ratio	Lower	Upper
164	100		
129	102.2	70.0	130.0
131	94.0	68.0	126.2
166	120.9	90.3	167.7





#48

2-Hexanone

Concen: 0.073 ug/L

RT: 8.050 min Scan# 2180

Delta R.T. -0.029 min

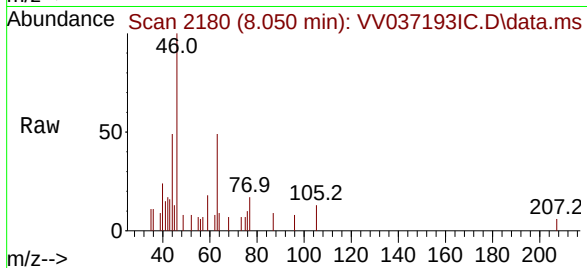
Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 254

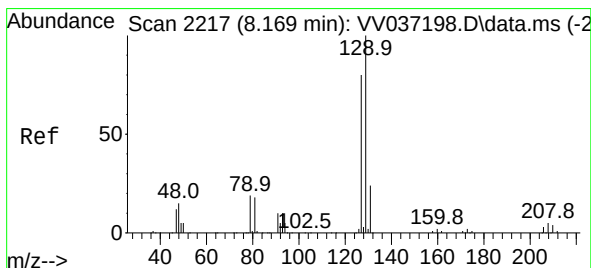
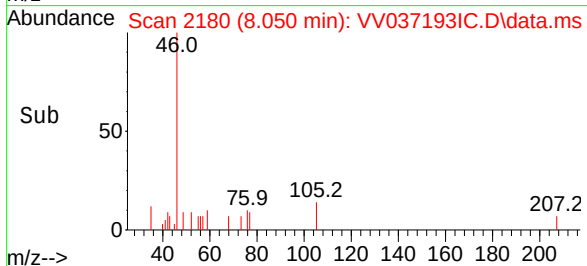
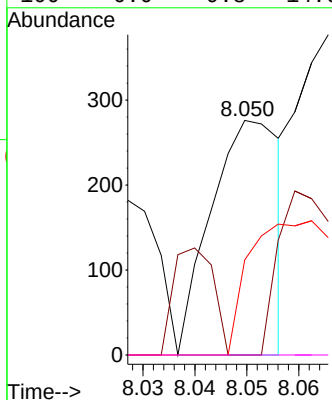
Ion Ratio Lower Upper

43 100

58 50.8 42.9 64.3

57 65.0 14.6 21.8#

100 0.0 9.8 14.6#



#49

Dibromochloromethane

Concen: 2.236 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV037193IC.D

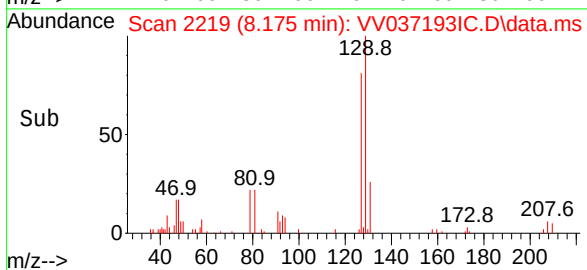
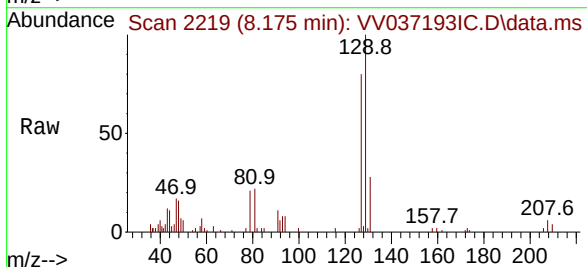
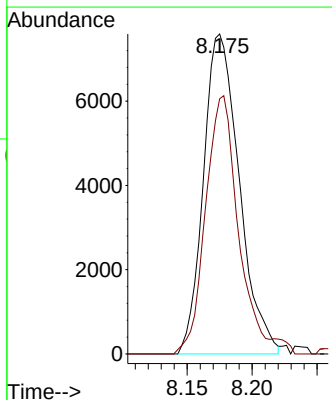
Acq: 04 Sep 2024 08:44

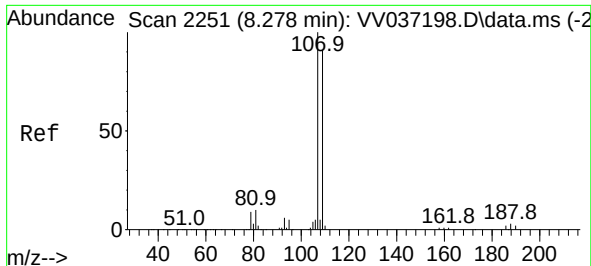
Tgt Ion: 129 Resp: 14567

Ion Ratio Lower Upper

129 100

127 79.7 56.0 104.0





#50

1,2-Dibromoethane

Concen: 2.125 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV037193IC.D

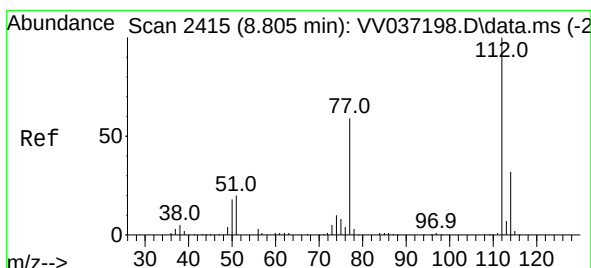
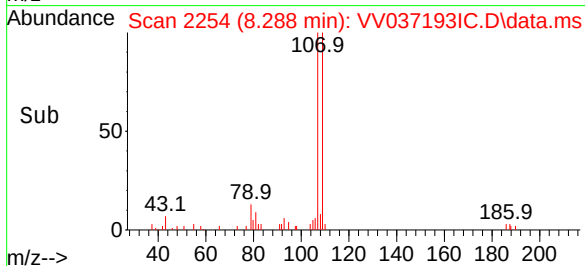
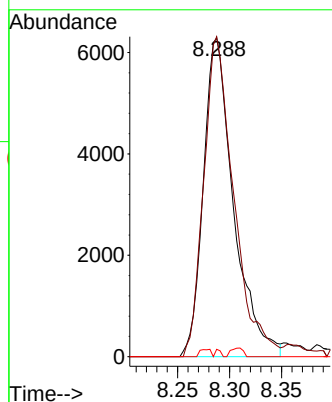
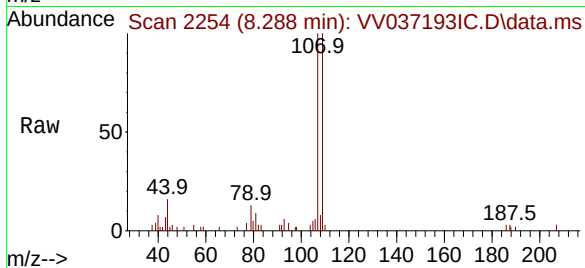
Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	12712
Ion Ratio	Lower	Upper
107	100	
109	100.4	63.5 117.9
188	2.3	2.5 3.7#



#51

Chlorobenzene

Concen: 2.323 ug/L

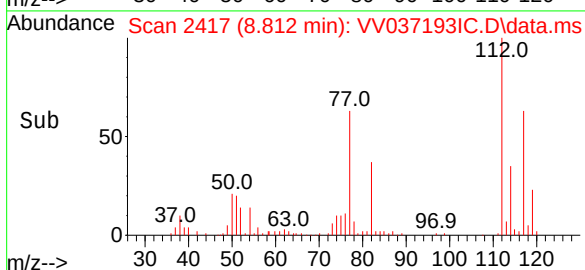
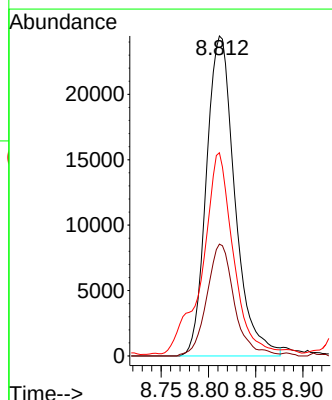
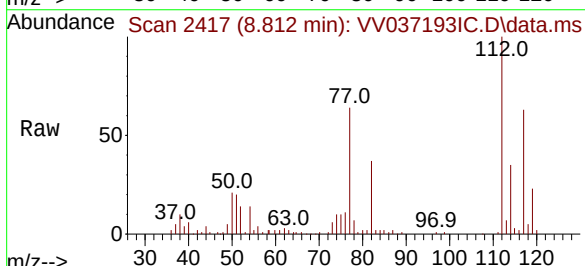
RT: 8.812 min Scan# 2417

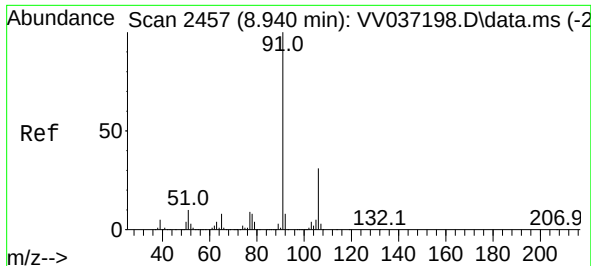
Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Tgt Ion:112	Resp:	51260
Ion Ratio	Lower	Upper
112	100	
114	35.0	22.4 41.6
77	63.5	47.5 71.3





#52

Ethylbenzene

Concen: 2.270 ug/L

RT: 8.943 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

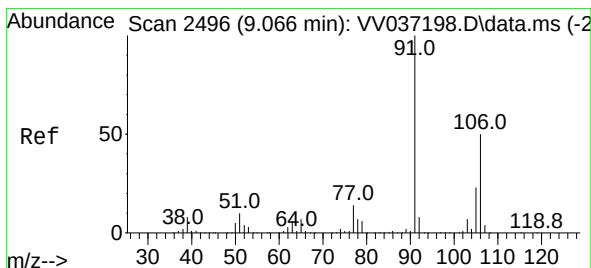
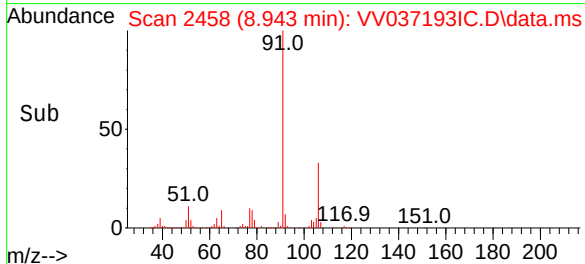
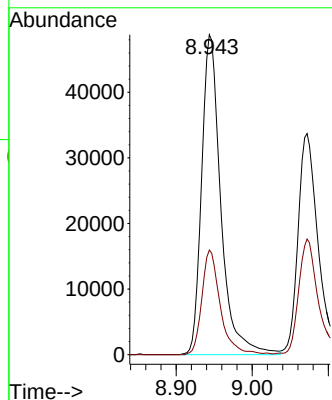
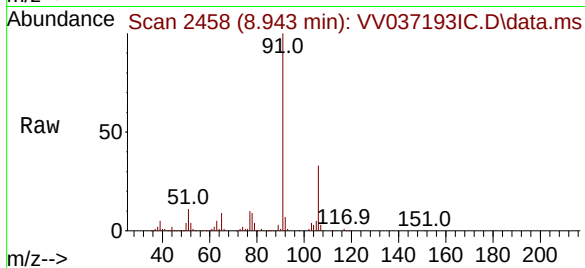
ClientSampleId :

Tgt Ion: 91 Resp: 85741

Ion Ratio Lower Upper

91 100

106 32.7 21.5 39.9



#53

m,p-Xylene

Concen: 2.197 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.006 min

Lab File: VV037193IC.D

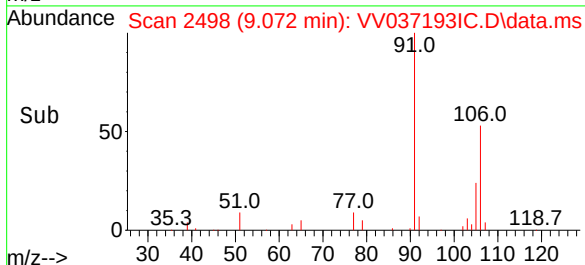
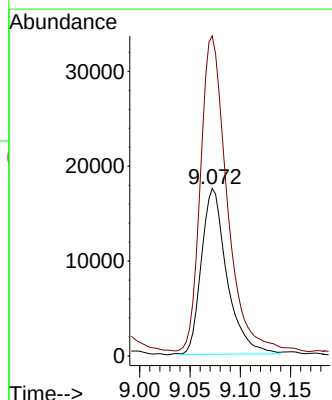
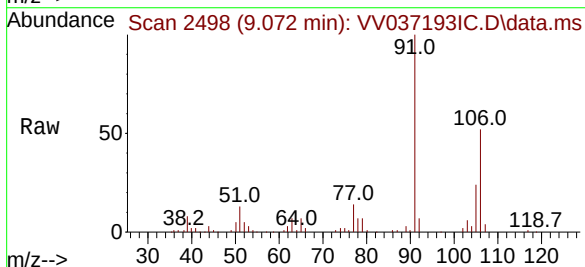
Acq: 04 Sep 2024 08:44

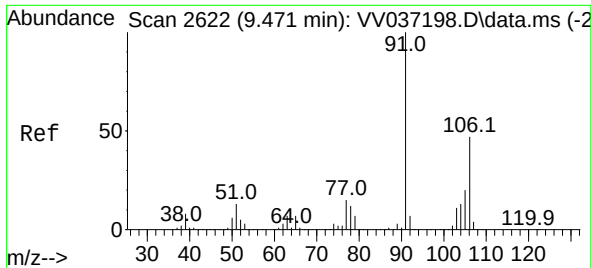
Tgt Ion: 106 Resp: 30775

Ion Ratio Lower Upper

106 100

91 191.1 141.6 263.0

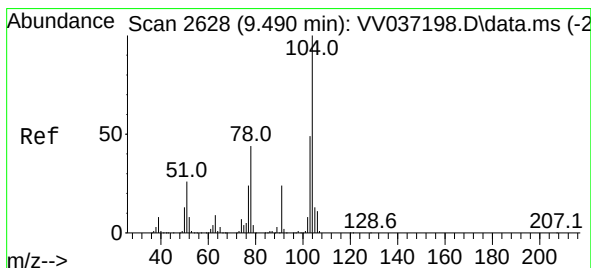
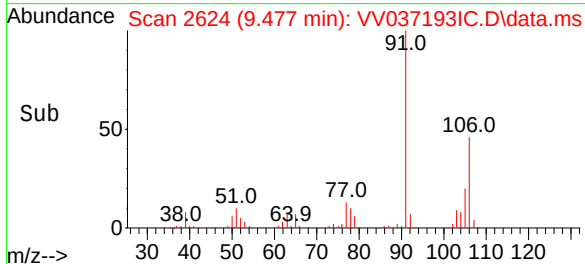
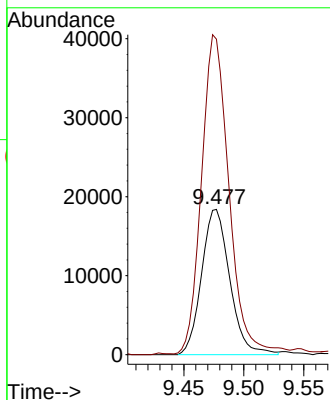
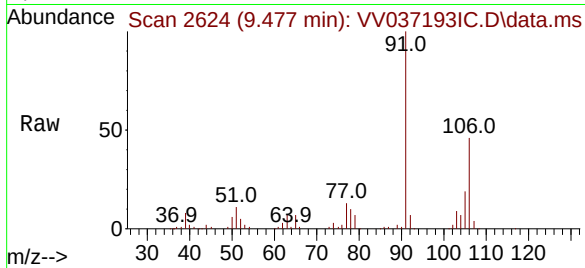




#54
o-Xylene
Concen: 2.232 ug/L
RT: 9.477 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

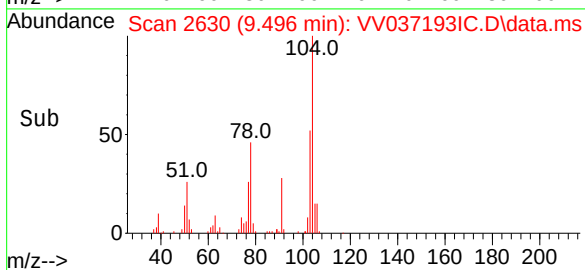
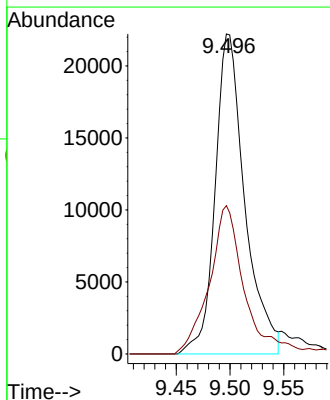
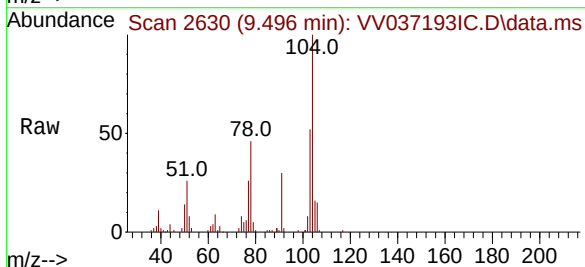
Instrument :
MSVOA_V
ClientSampleId :

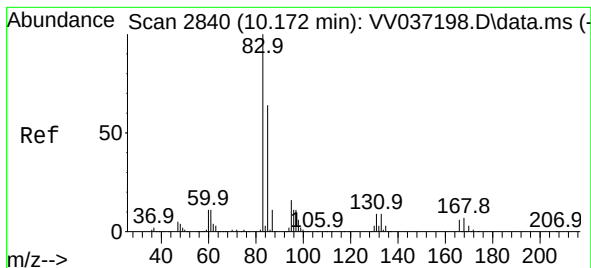
Tgt Ion:106 Resp: 30119
Ion Ratio Lower Upper
106 100
91 217.1 150.4 279.4



#55
Styrene
Concen: 1.877 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:104 Resp: 42568
Ion Ratio Lower Upper
104 100
78 46.3 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.159 ug/L

RT: 10.178 min Scan# 2840

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

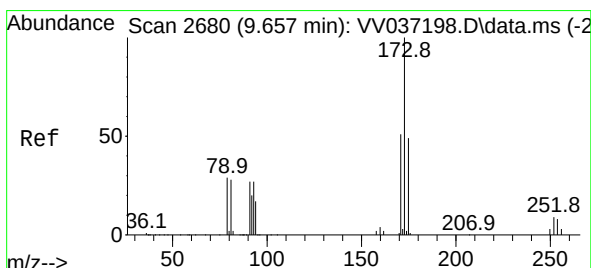
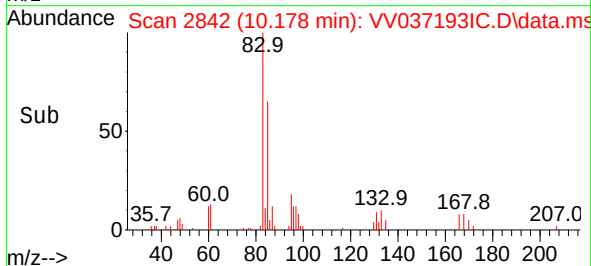
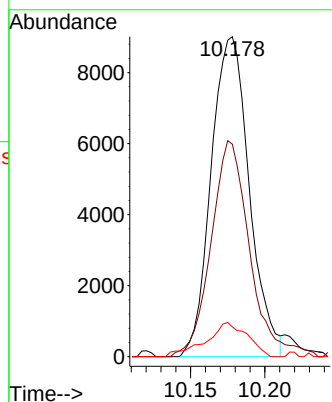
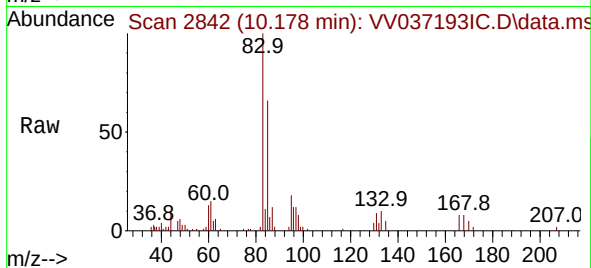
Tgt Ion: 83 Resp: 16109

Ion Ratio Lower Upper

83 100

85 66.4 44.9 83.3

131 9.3 7.1 10.7



#59

Bromoform

Concen: 2.082 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

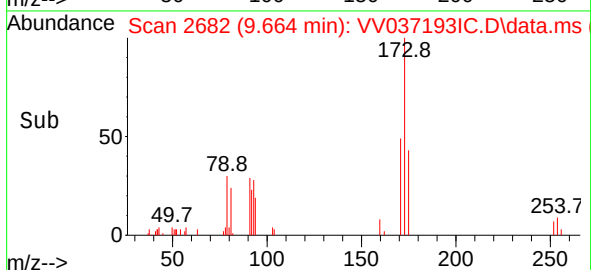
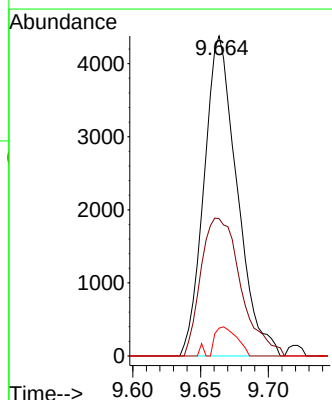
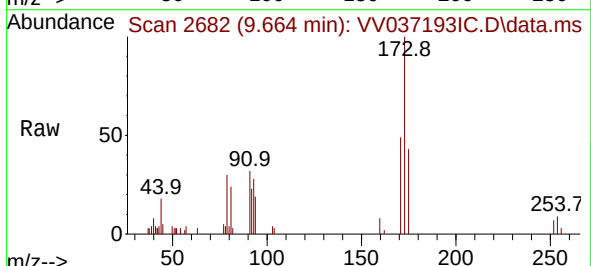
Tgt Ion: 173 Resp: 7396

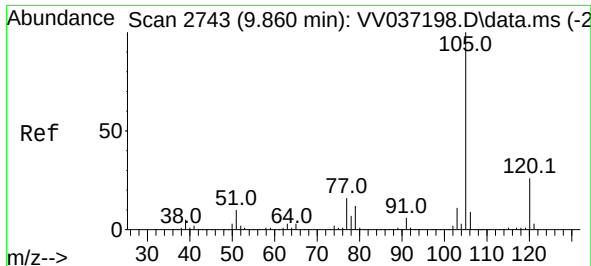
Ion Ratio Lower Upper

173 100

175 52.2 38.6 57.8

254 6.0 6.6 9.8#





#60

Isopropylbenzene

Concen: 2.248 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037193IC.D

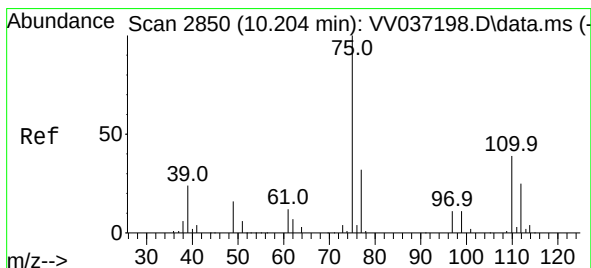
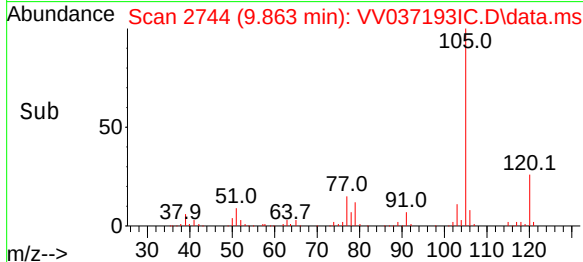
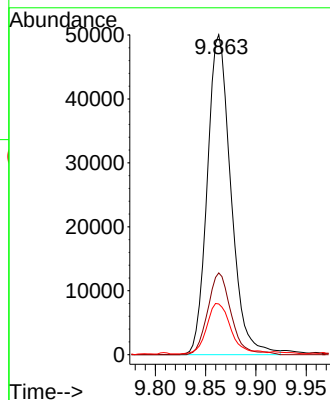
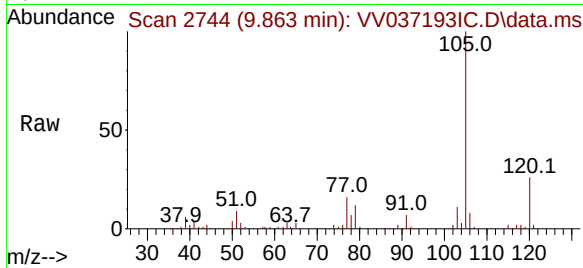
Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	81680
Ion Ratio	Lower	Upper
105	100	
120	25.0	20.6 31.0
77	15.8	12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 2.420 ug/L

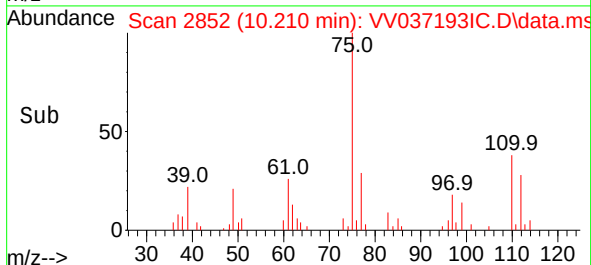
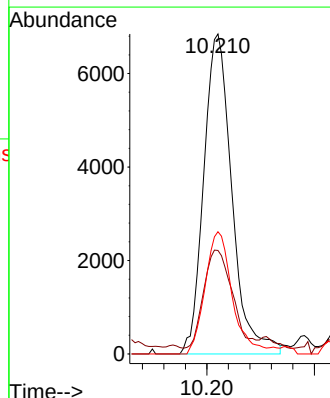
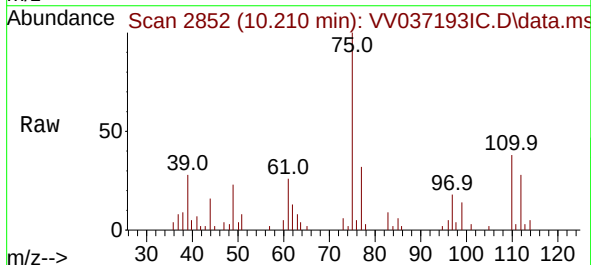
RT: 10.210 min Scan# 2852

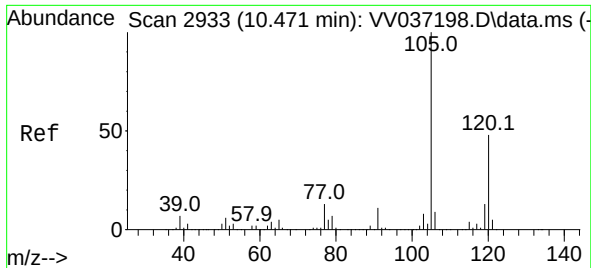
Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Tgt Ion: 75	Resp:	12475
Ion Ratio	Lower	Upper
75	100	
77	30.4	24.6 36.8
110	36.7	30.8 46.2

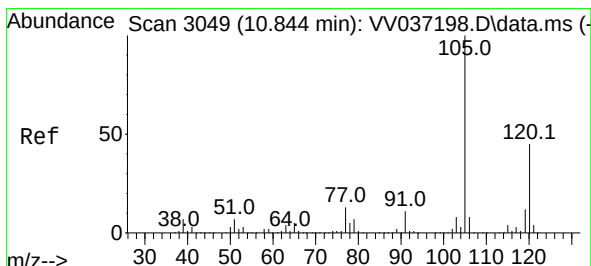
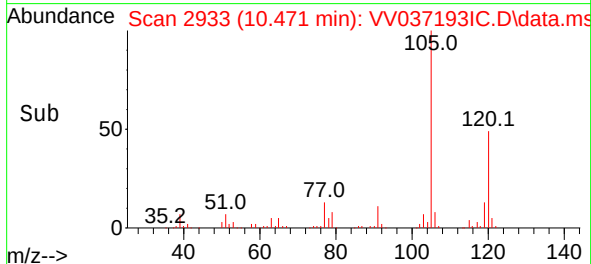
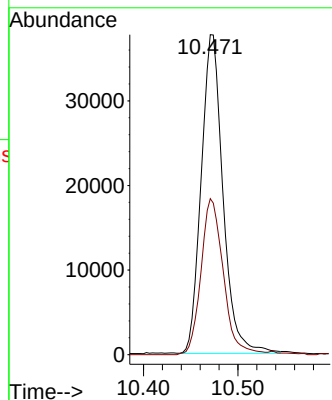
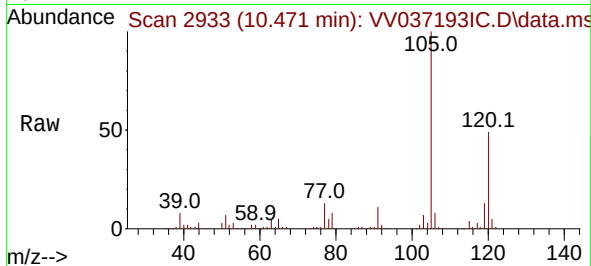




#62
1,3,5-Trimethylbenzene
Concen: 2.093 ug/L
RT: 10.471 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

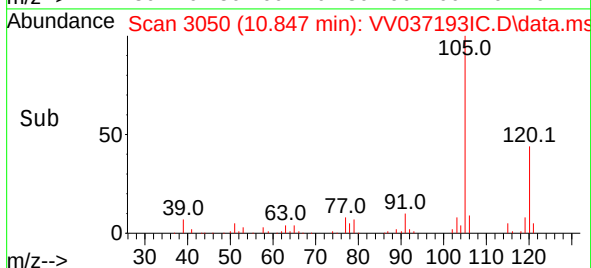
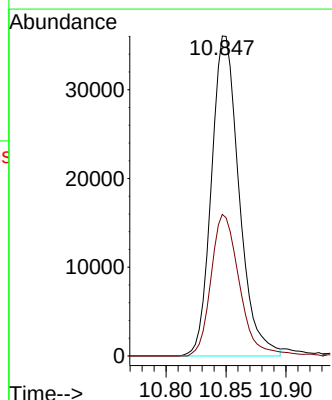
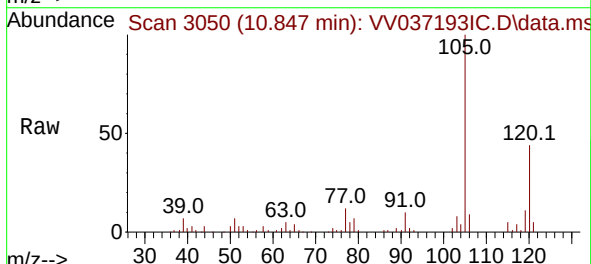
Instrument :
MSVOA_V
ClientSampleId :

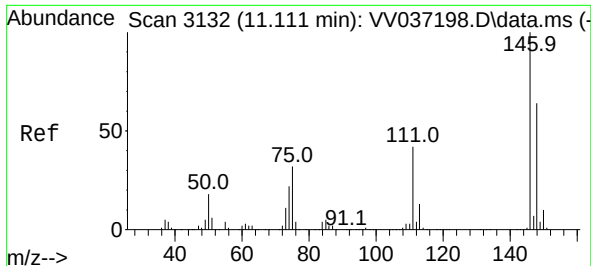
Tgt Ion:105 Resp: 60393
Ion Ratio Lower Upper
105 100
120 49.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 2.019 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VV037193IC.D
Acq: 04 Sep 2024 08:44

Tgt Ion:105 Resp: 57785
Ion Ratio Lower Upper
105 100
120 45.5 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 2.289 ug/L

RT: 11.117 min Scan# 3132

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

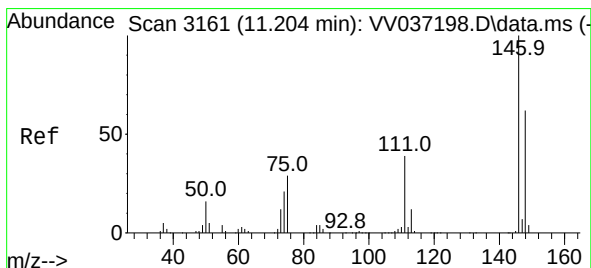
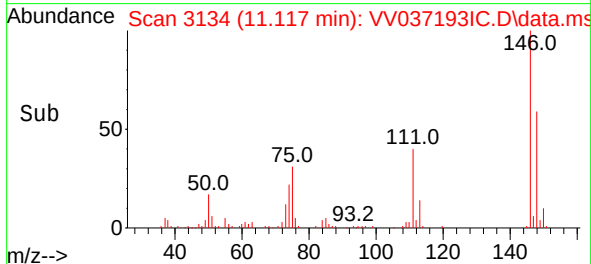
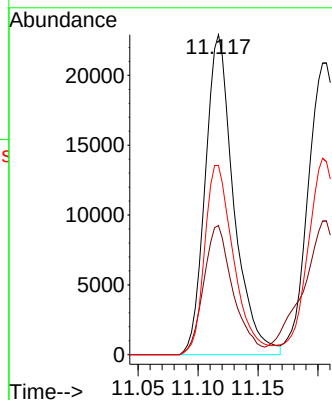
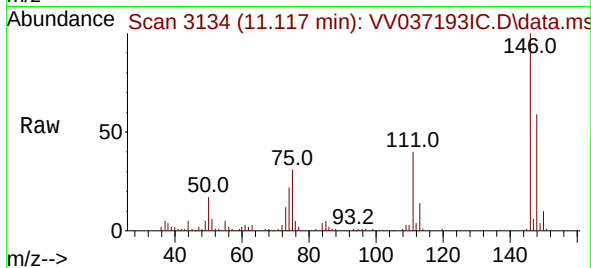
Tgt Ion:146 Resp: 37927

Ion Ratio Lower Upper

146 100

111 40.4 29.7 55.1

148 59.2 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 2.444 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

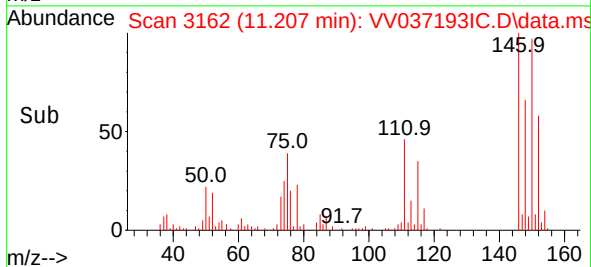
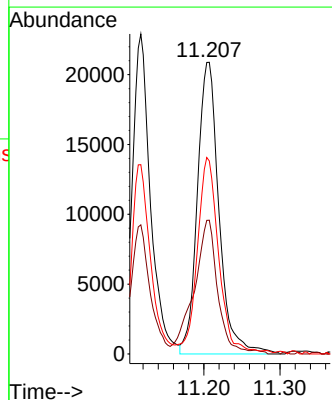
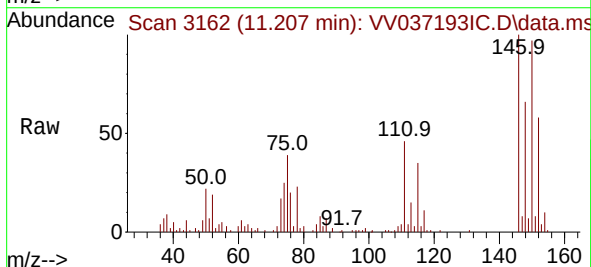
Tgt Ion:146 Resp: 41277

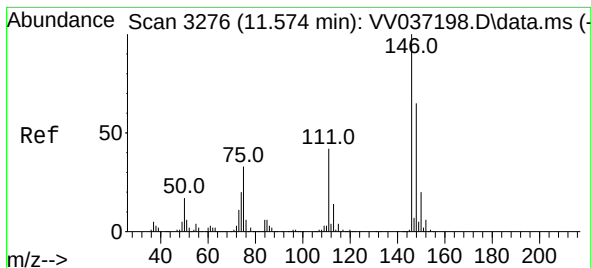
Ion Ratio Lower Upper

146 100

111 45.9 27.6 51.4

148 66.2 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 2.301 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

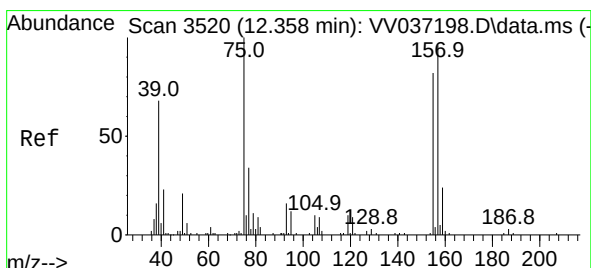
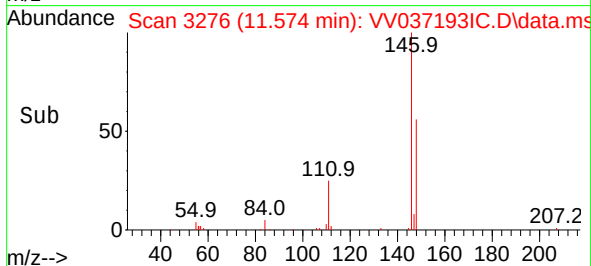
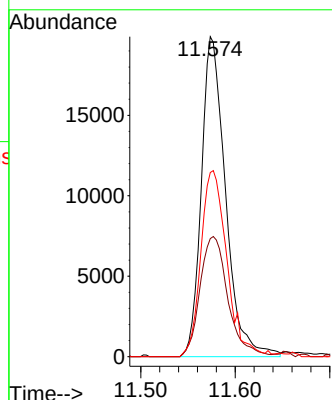
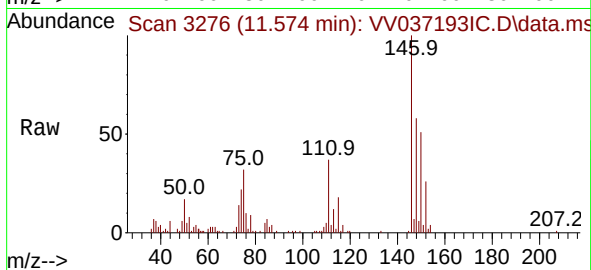
Tgt Ion:146 Resp: 35364

Ion Ratio Lower Upper

146 100

111 36.9 34.1 51.1

148 57.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.013 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.010 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

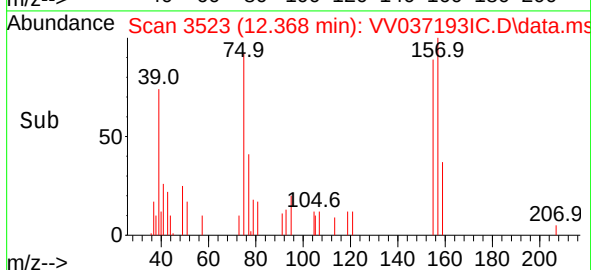
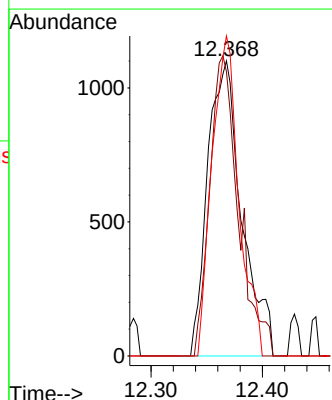
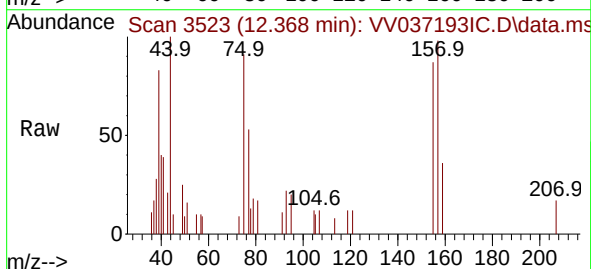
Tgt Ion: 75 Resp: 2342

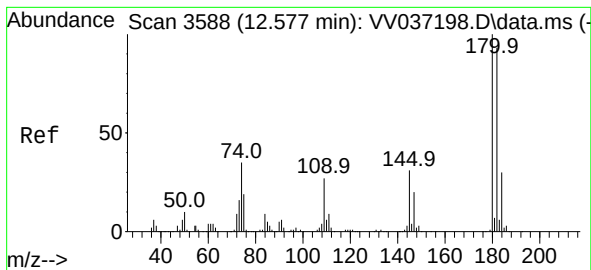
Ion Ratio Lower Upper

75 100

155 96.4 65.6 98.4

157 108.4 76.9 115.3





#69

1,3,5-Trichlorobenzene

Concen: 2.357 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

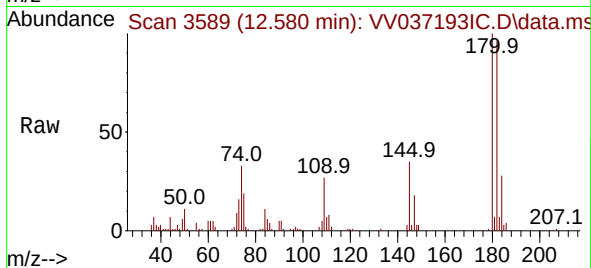
Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 27702

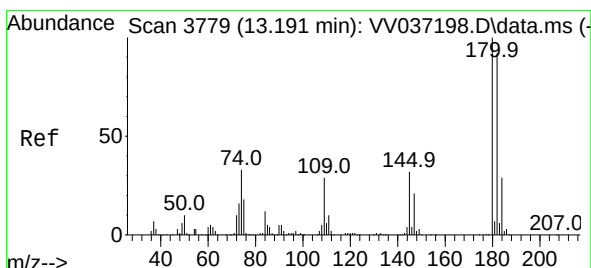
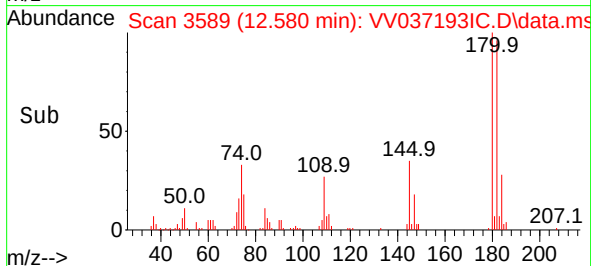
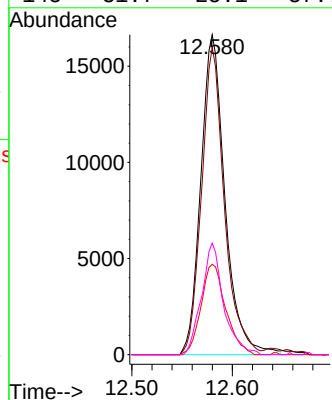
Ion Ratio Lower Upper

180 100

182 90.5 74.6 111.8

184 28.9 23.8 35.8

145 31.7 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 2.045 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

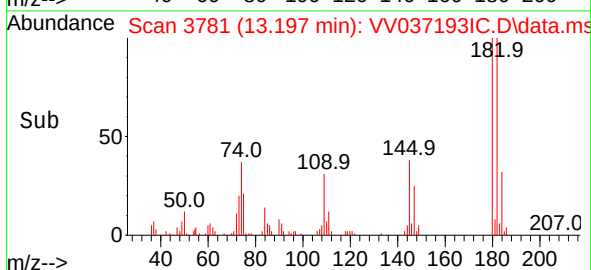
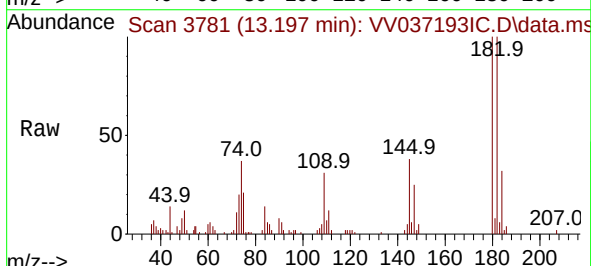
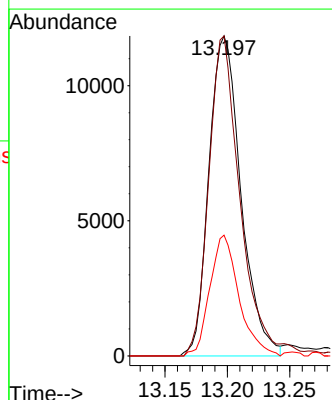
Tgt Ion:180 Resp: 21222

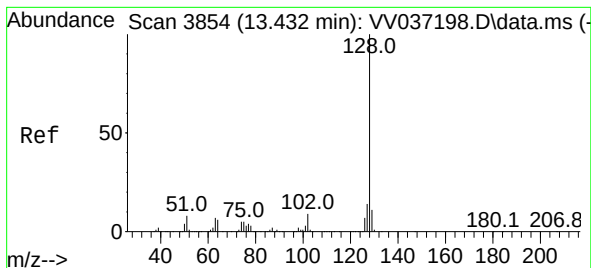
Ion Ratio Lower Upper

180 100

182 95.6 74.9 112.3

145 34.2 25.4 38.0





#71

Naphthalene

Concen: 1.874 ug/L

RT: 13.438 min Scan# 3854

Delta R.T. 0.006 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Instrument :

MSVOA_V

ClientSampleId :

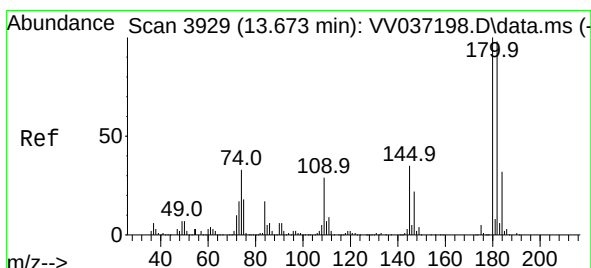
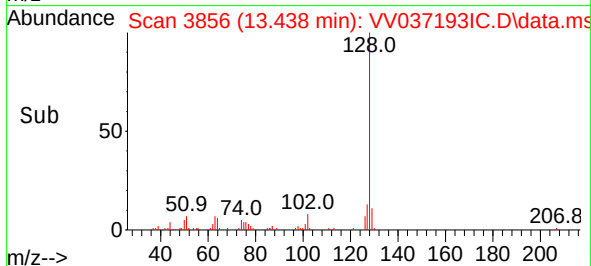
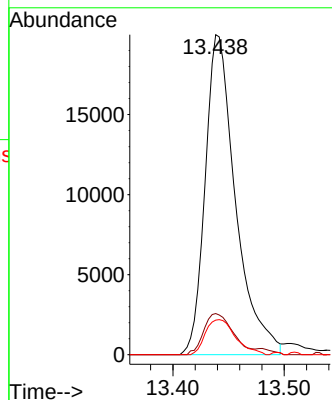
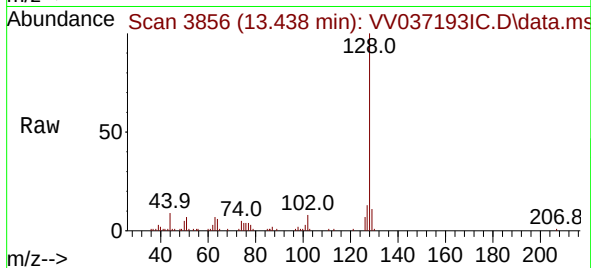
Tgt Ion:128 Resp: 37939

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.8 8.2 12.2



#72

1,2,3-Trichlorobenzene

Concen: 2.063 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037193IC.D

Acq: 04 Sep 2024 08:44

Tgt Ion:180 Resp: 19656

Ion Ratio Lower Upper

180 100

182 94.1 78.0 117.0

145 39.3 27.9 41.9

