

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029405.D
 Acq On : 28 Jun 2024 17:58
 Operator : SY/MD
 Sample : P3102-03MS
 Misc : 4.67g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 02:14:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	359894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88141	17.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.760%
7) Chloroethane-d5	2.899	69	77002	18.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.240%
11) 1,1-Dichloroethene-d2	4.021	65	44128	18.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	63473	42.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.180%
24) Chloroform-d	7.654	84	229198	21.349	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	8.307	65	130293	21.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.276	84	421849	24.998	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.276	67	140445	26.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	10.325	98	343173	22.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.575	79	47660	22.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.200%
47) 2-Hexanone-d5	10.922	63	41815	49.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95593	22.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	66631	21.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54364	15.483	ug/L	95
3) Chloromethane	2.222	50	88338	17.645	ug/L	100
5) Vinyl chloride	2.375	62	103805	18.055	ug/L	98
6) Bromomethane	2.789	94	57624	16.675	ug/L	93
8) Chloroethane	2.936	64	68755	19.551	ug/L	98
9) Trichlorofluoromethane	3.265	101	97799	21.941	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85624	17.422	ug/L	97
12) 1,1-Dichloroethene	4.045	96	86451	20.731	ug/L	86
13) Acetone	4.118	43	38303	30.242	ug/L	97
14) Carbon disulfide	4.393	76	214662	15.769	ug/L	99
15) Methyl Acetate	4.667	43	42795	17.020	ug/L	98
16) Methylene chloride	4.917	84	108911	17.210	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	93977	20.293	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	181248	24.462	ug/L	99
19) 1,1-Dichloroethane	6.222	63	220295	22.025	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110321	21.603	ug/L	96
22) 2-Butanone	7.167	43	66916	38.542	ug/L	99
23) Bromochloromethane	7.514	128	47260	20.788	ug/L	95
25) Chloroform	7.673	83	213092	21.818	ug/L	95

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 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

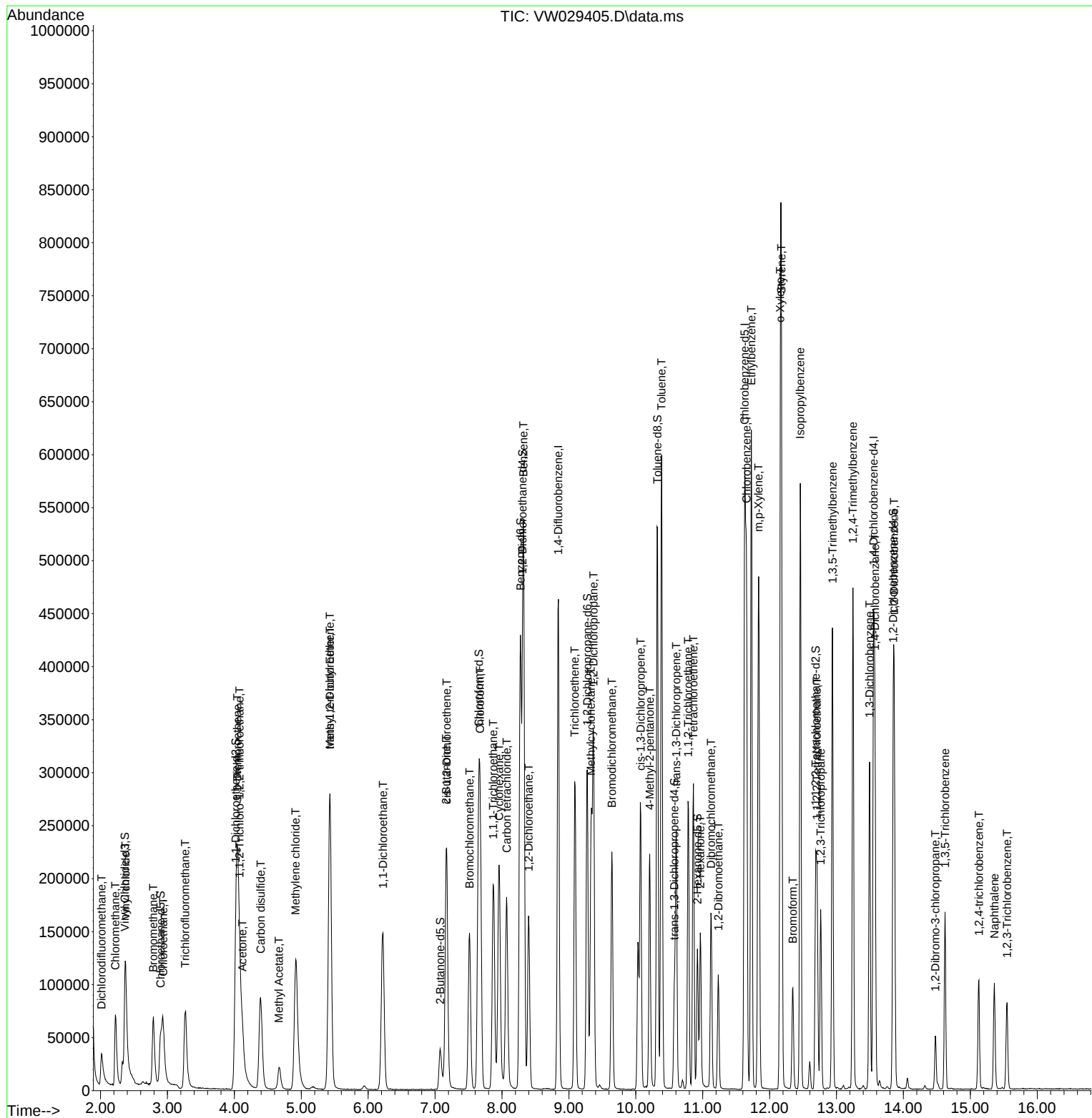
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150920	20.951	ug/L	99
29) Cyclohexane	7.959	56	124075	19.535	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	160199	25.930	ug/L	96
31) Carbon tetrachloride	8.069	117	135628	24.032	ug/L	97
33) Benzene	8.319	78	437467	26.206	ug/L	100
34) Trichloroethene	9.087	95	104537	23.472	ug/L	94
35) Methylcyclohexane	9.331	83	93316	13.323	ug/L	99
37) 1,2-Dichloropropane	9.368	63	122375	26.088	ug/L	99
38) Bromodichloromethane	9.642	83	146892	25.612	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	151783	22.891	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	149813	51.528	ug/L	98
42) Toluene	10.386	91	418593	24.391	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	127909	22.845	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81554	24.963	ug/L	97
46) Tetrachloroethene	10.861	164	61814	19.854	ug/L	88
48) 2-Hexanone	10.965	43	95555	46.318	ug/L	100
49) Dibromochloromethane	11.123	129	84205	24.657	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69305	23.632	ug/L	94
51) Chlorobenzene	11.654	112	232792	20.889	ug/L	98
52) Ethylbenzene	11.727	91	413124	21.207	ug/L	97
53) m,p-Xylene	11.837	106	146934	20.650	ug/L	94
54) o-Xylene	12.160	106	140609	21.144	ug/L	90
55) Styrene	12.178	104	237184	20.456	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	87453	21.641	ug/L	95
59) Bromoform	12.349	173	43243	34.929	ug/L	99
60) Isopropylbenzene	12.458	105	343135	28.509	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68156	34.593	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	220741	25.324	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	238469	25.427	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	114554	21.993	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	116912	21.096	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	103898	21.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	12949	28.164	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	45161	12.847	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	31245	10.965	ug/L	95
71) Naphthalene	15.360	128	79843	14.196	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25143	9.684	ug/L	97

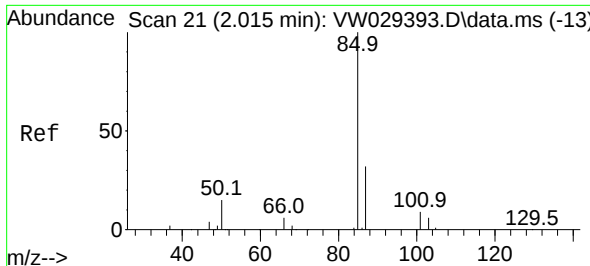
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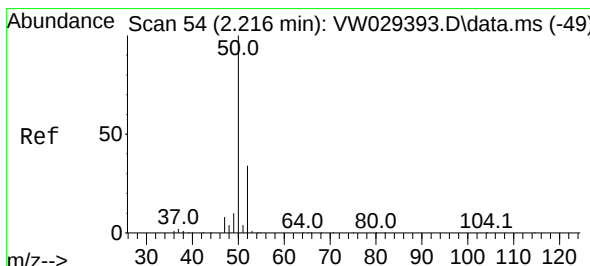
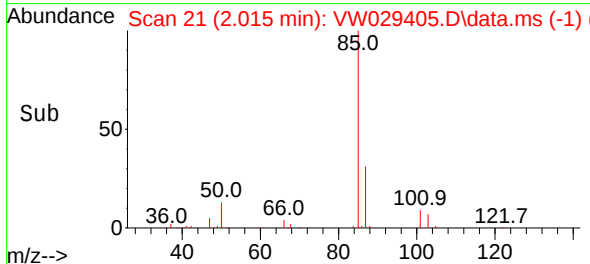
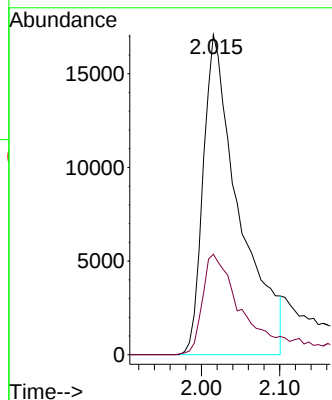
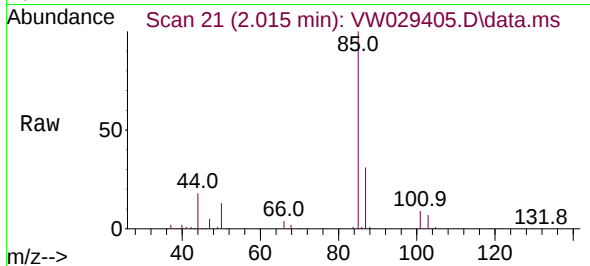




#2
 Dichlorodifluoromethane
 Concen: 15.483 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029405.D
 Acq: 28 Jun 2024 17:58

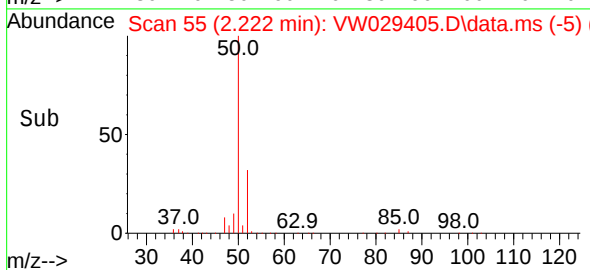
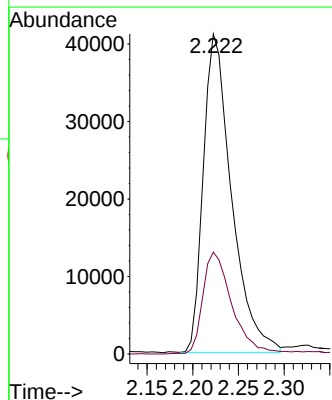
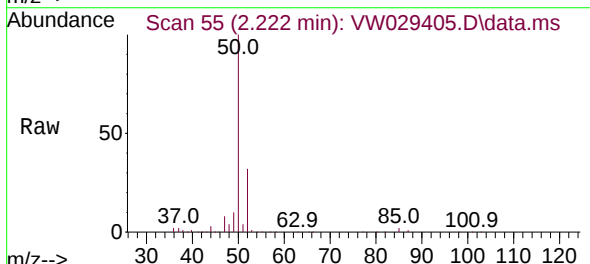
Instrument :
 MSVOA_W
 ClientSampleId :

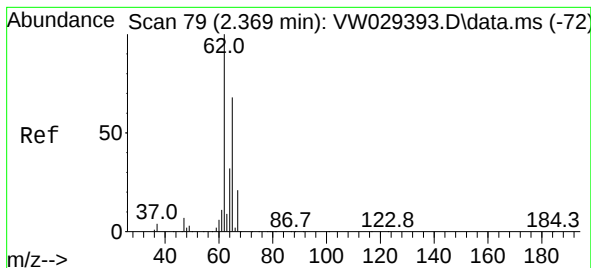
Tgt Ion: 85 Resp: 54364
 Ion Ratio Lower Upper
 85 100
 87 32.4 23.8 35.6



#3
 Chloromethane
 Concen: 17.645 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW029405.D
 Acq: 28 Jun 2024 17:58

Tgt Ion: 50 Resp: 88338
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.5





#5

Vinyl chloride

Concen: 18.055 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

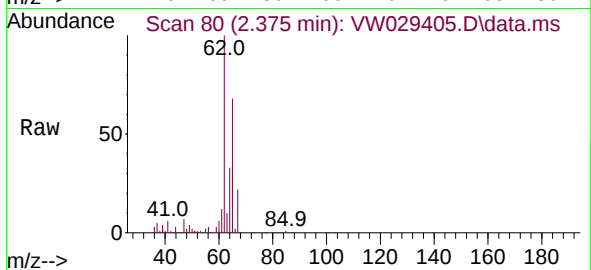
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Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

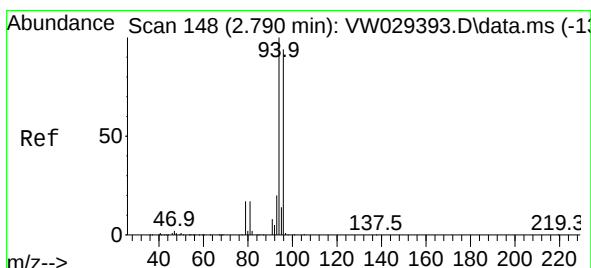
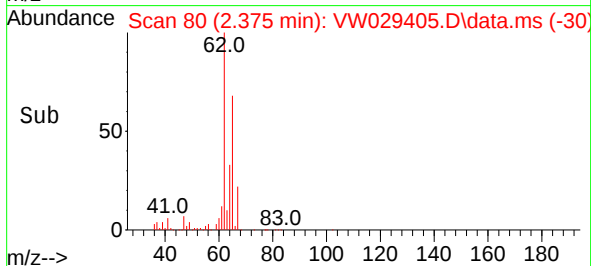
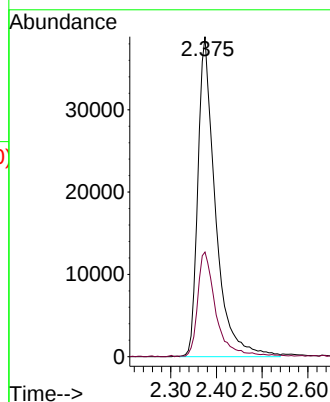


Tgt Ion: 62 Resp: 103805

Ion Ratio Lower Upper

62 100

64 32.7 22.0 40.8



#6

Bromomethane

Concen: 16.675 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029405.D

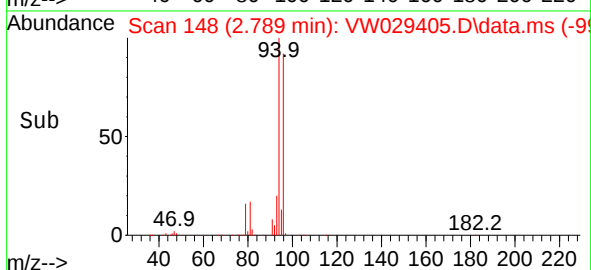
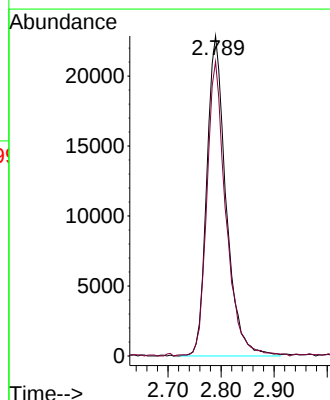
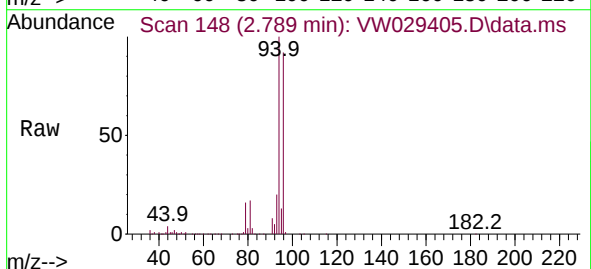
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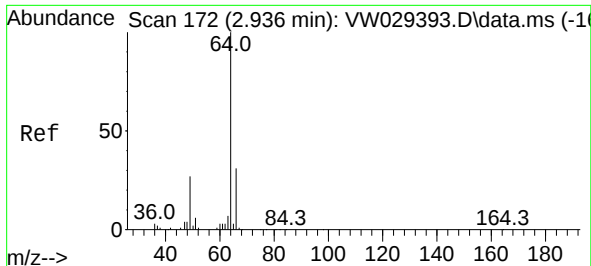
Tgt Ion: 94 Resp: 57624

Ion Ratio Lower Upper

94 100

96 92.0 69.5 129.1

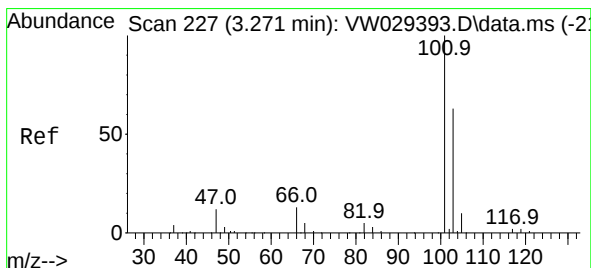
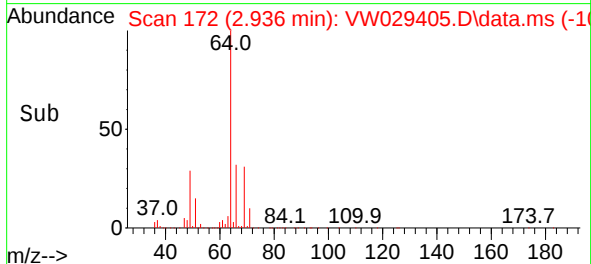
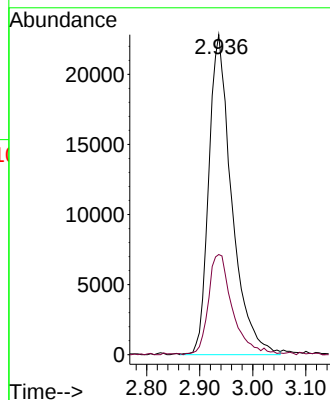
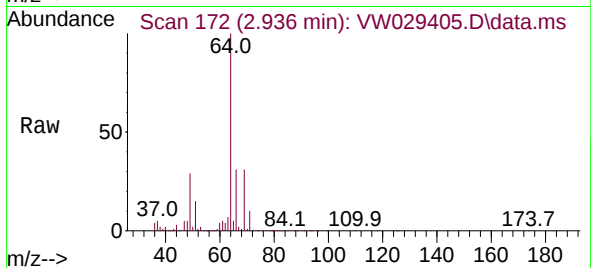




#8
Chloroethane
Concen: 19.551 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

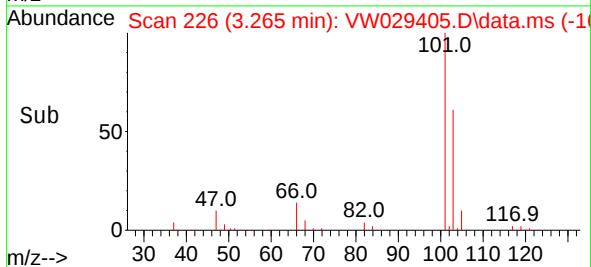
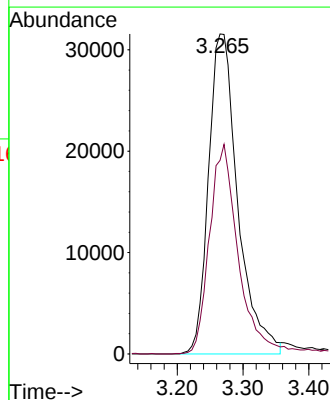
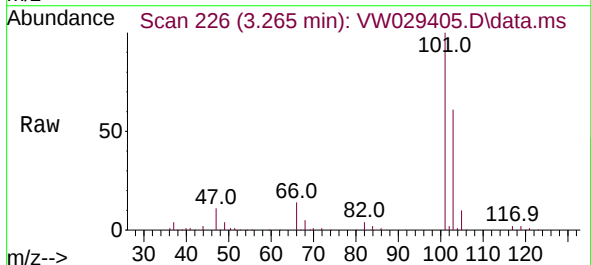
Instrument :
MSVOA_W
ClientSampleId :

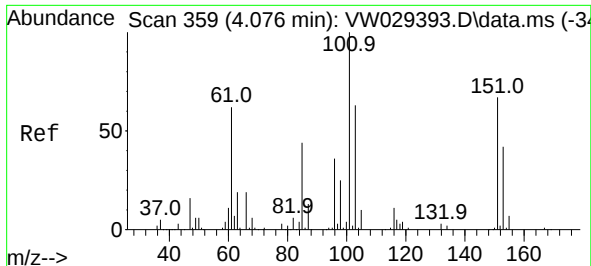
Tgt Ion: 64 Resp: 68755
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.941 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion:101 Resp: 97799
Ion Ratio Lower Upper
101 100
103 63.6 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 17.422 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

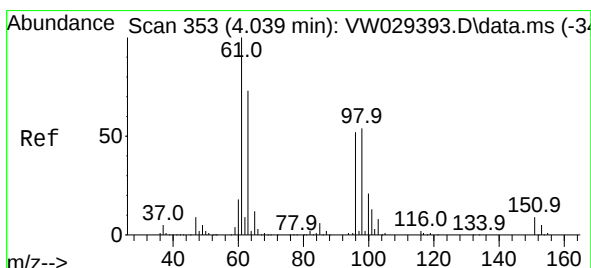
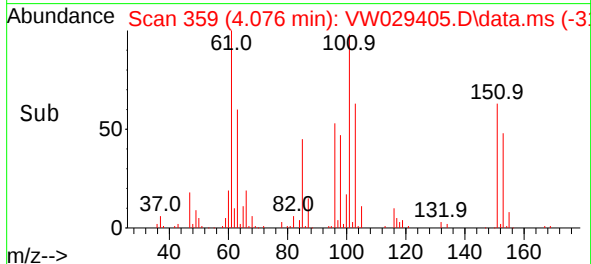
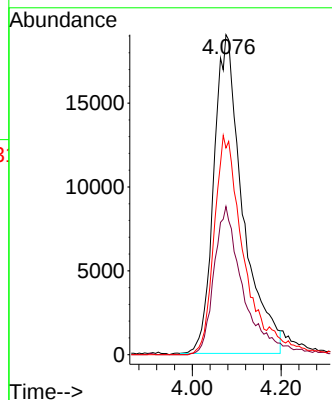
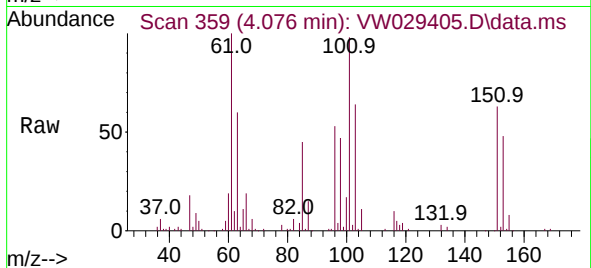
Tgt Ion:101 Resp: 85624

Ion Ratio Lower Upper

101 100

85 41.1 30.2 45.2

151 66.0 52.2 78.4



#12

1,1-Dichloroethene

Concen: 20.731 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

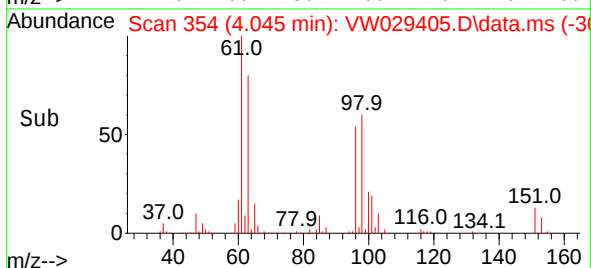
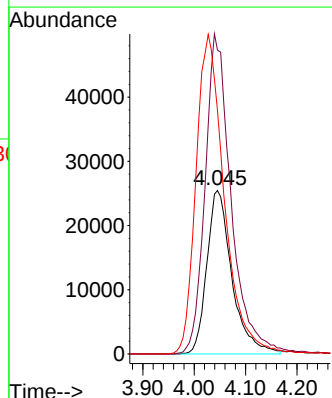
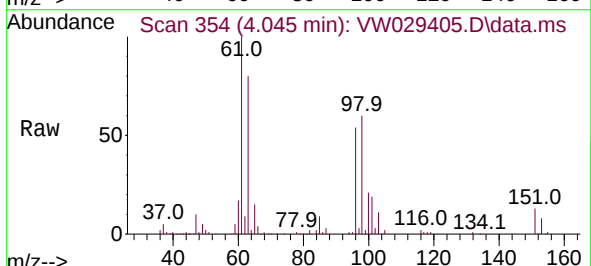
Tgt Ion: 96 Resp: 86451

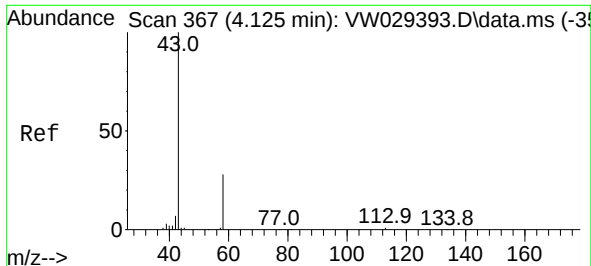
Ion Ratio Lower Upper

96 100

61 185.8 140.1 260.3

63 148.9 122.0 226.6

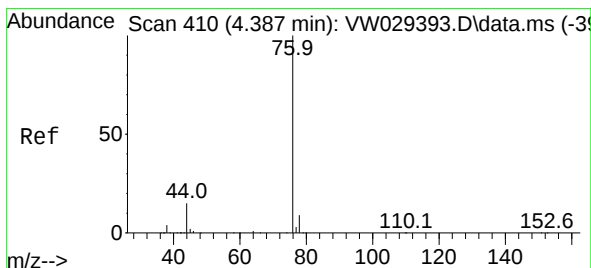
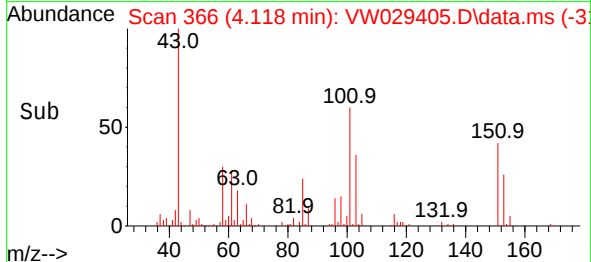
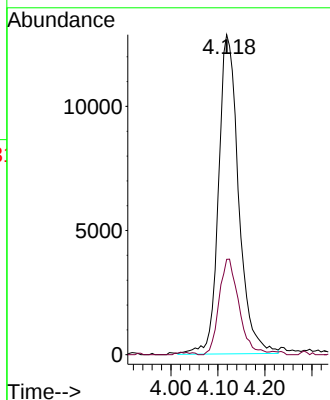
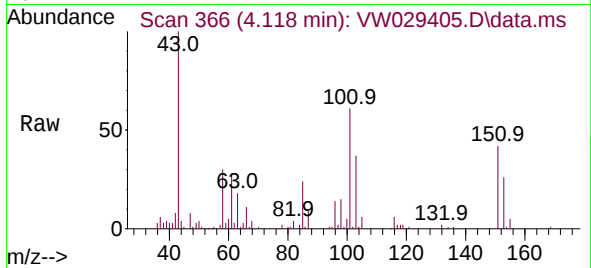




#13
Acetone
Concen: 30.242 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

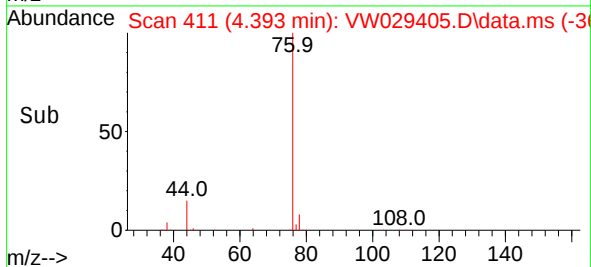
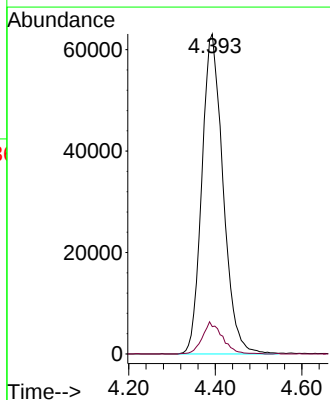
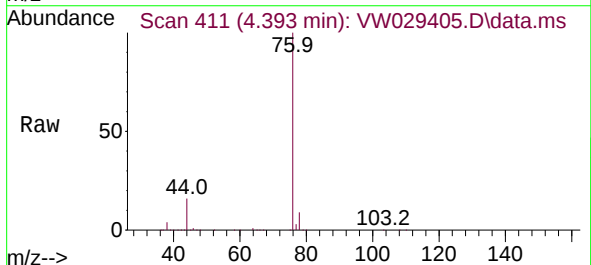
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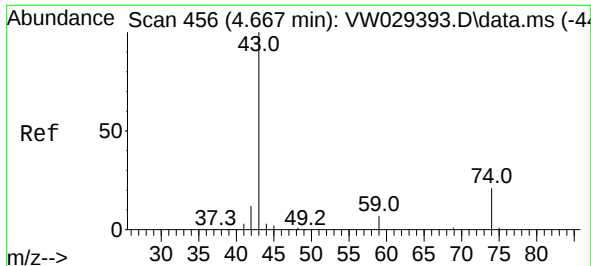
Tgt Ion: 43 Resp: 38303
Ion Ratio Lower Upper
43 100
58 29.0 0.0 61.4



#14
Carbon disulfide
Concen: 15.769 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 214662
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

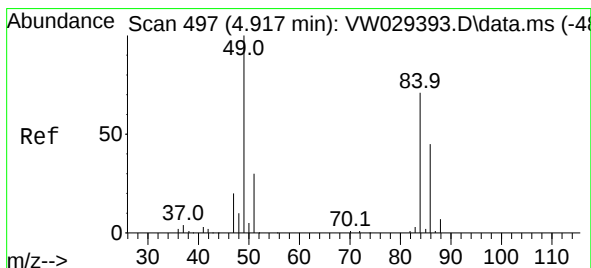
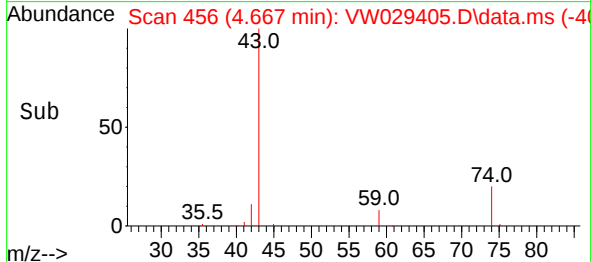
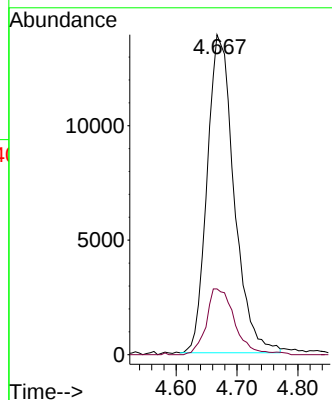
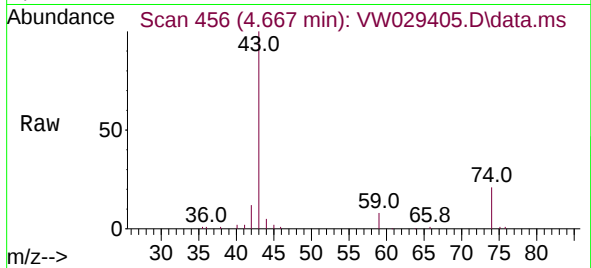




#15
Methyl Acetate
Concen: 17.020 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

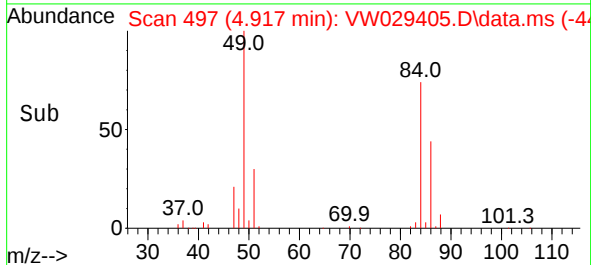
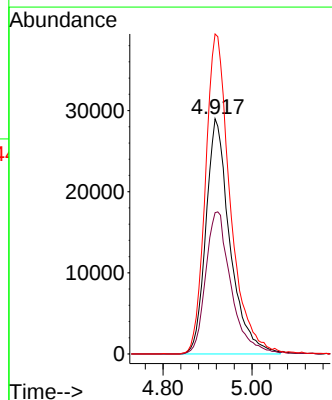
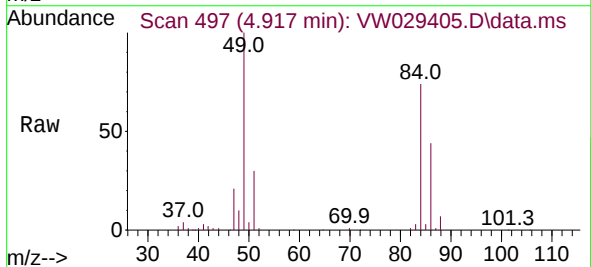
Instrument :
MSVOA_W
ClientSampleId :

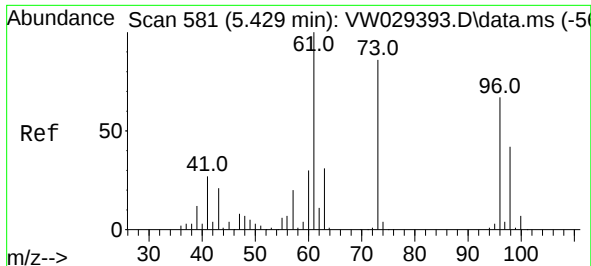
Tgt Ion: 43 Resp: 42795
Ion Ratio Lower Upper
43 100
74 21.5 16.6 25.0



#16
Methylene chloride
Concen: 17.210 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion: 84 Resp: 108911
Ion Ratio Lower Upper
84 100
86 60.1 41.4 77.0
49 136.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 20.293 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

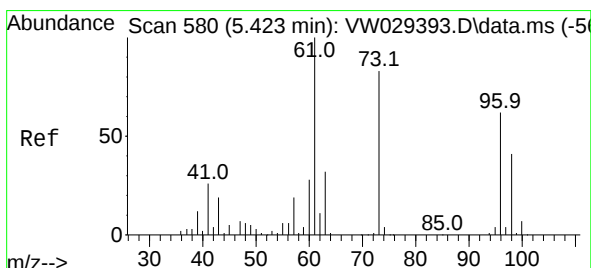
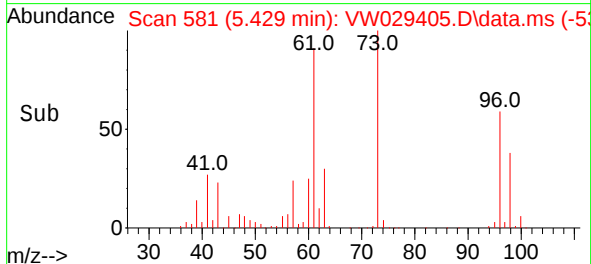
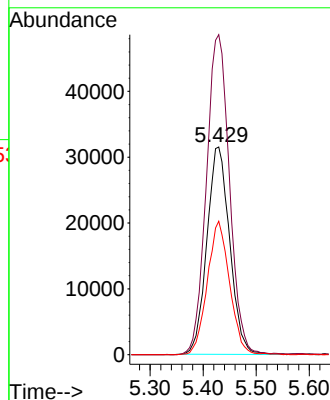
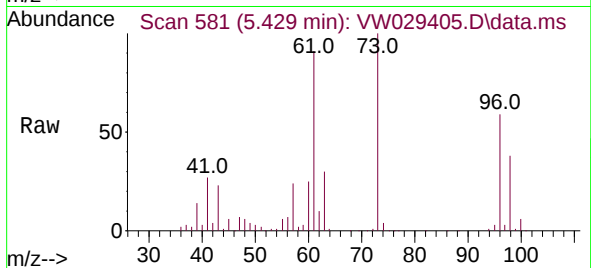
Tgt Ion: 96 Resp: 93977

Ion Ratio Lower Upper

96 100

61 154.0 101.5 188.5

98 64.2 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.462 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

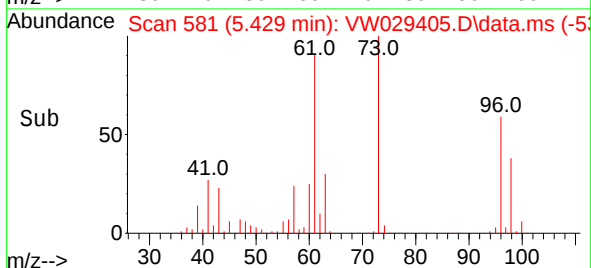
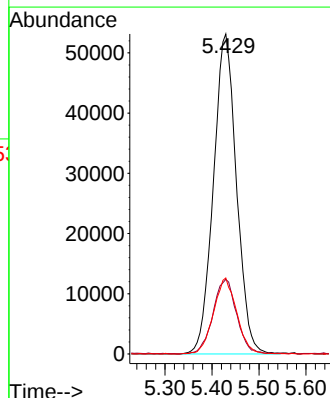
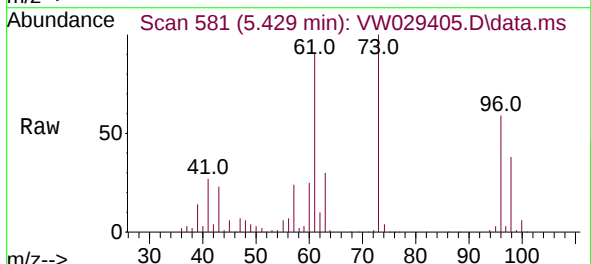
Tgt Ion: 73 Resp: 181248

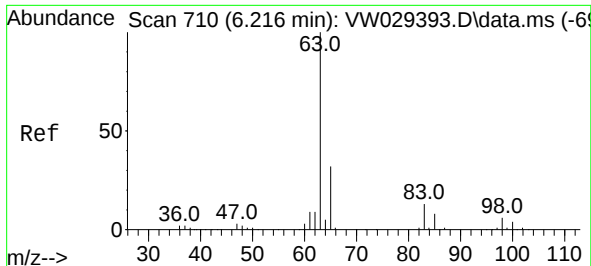
Ion Ratio Lower Upper

73 100

43 24.0 19.5 29.3

57 23.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.025 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

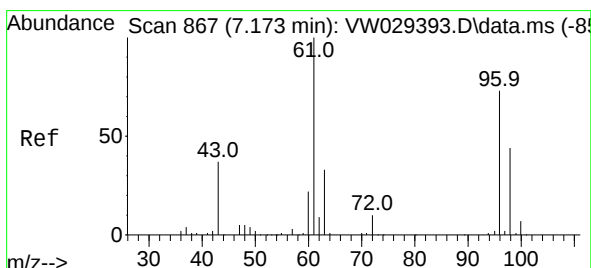
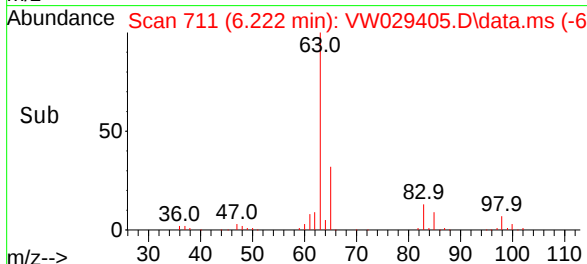
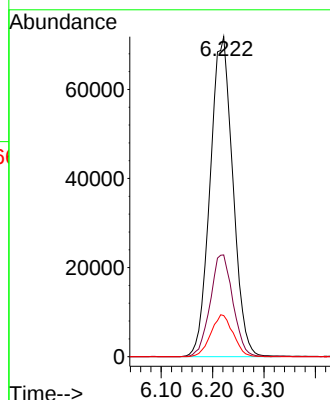
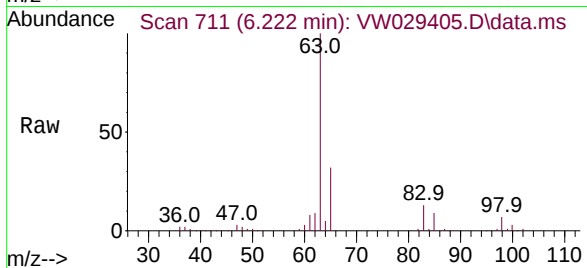
Tgt Ion: 63 Resp: 220295

Ion Ratio Lower Upper

63 100

65 31.8 23.4 43.4

83 12.8 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 21.603 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

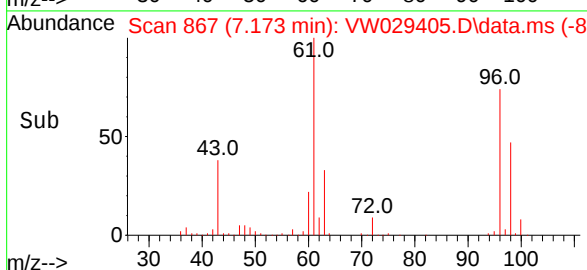
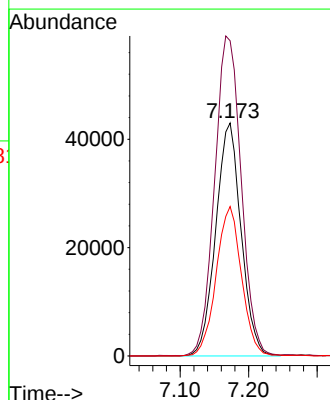
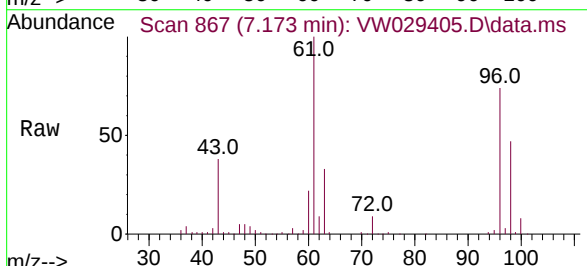
Tgt Ion: 96 Resp: 110321

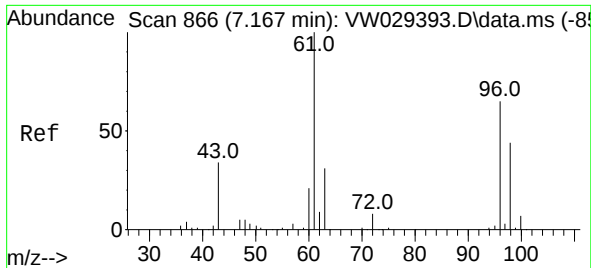
Ion Ratio Lower Upper

96 100

61 135.2 97.8 181.6

98 64.2 43.0 79.8

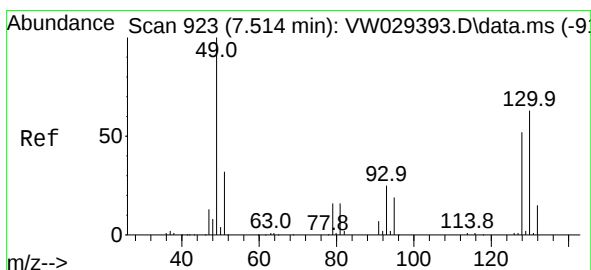
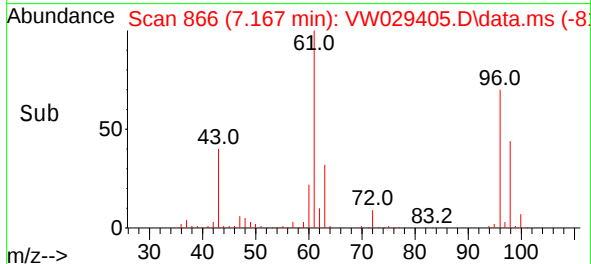
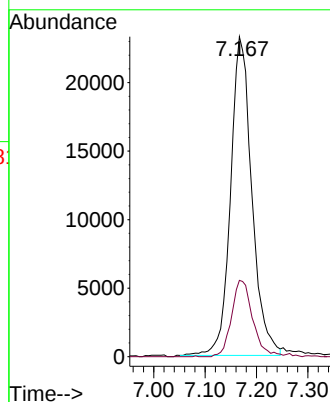
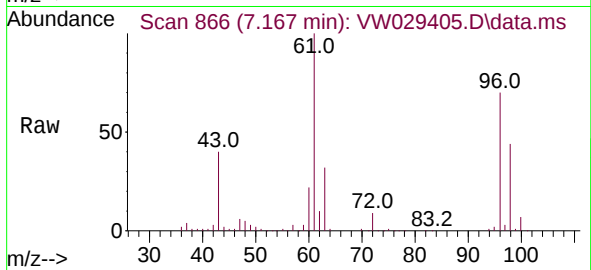




#22
2-Butanone
Concen: 38.542 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

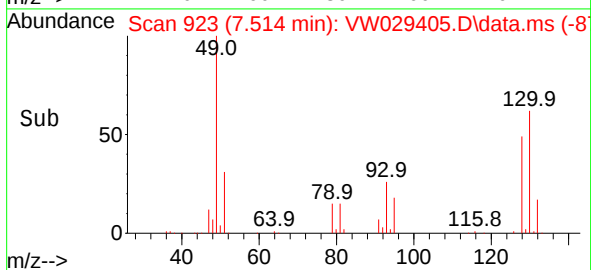
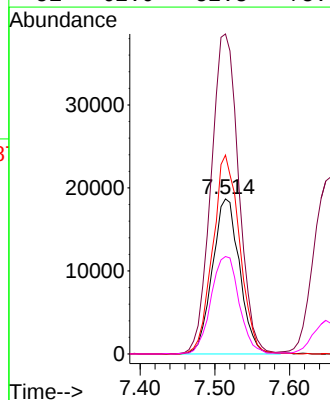
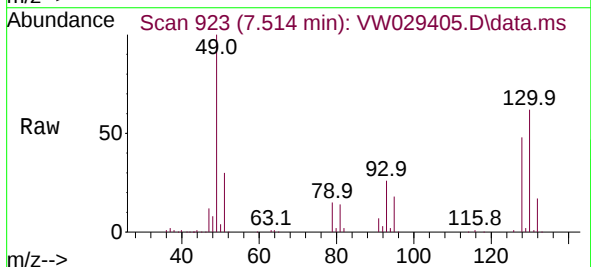
Instrument :
MSVOA_W
ClientSampleId :

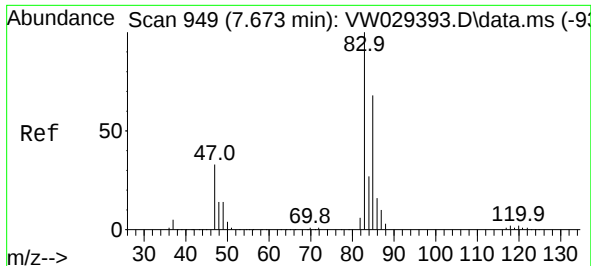
Tgt Ion: 43 Resp: 66916
Ion Ratio Lower Upper
43 100
72 23.2 11.9 35.7



#23
Bromochloromethane
Concen: 20.788 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion: 128 Resp: 47260
Ion Ratio Lower Upper
128 100
49 206.3 142.6 264.8
130 128.2 79.7 148.1
51 62.9 52.3 78.5





#25

Chloroform

Concen: 21.818 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

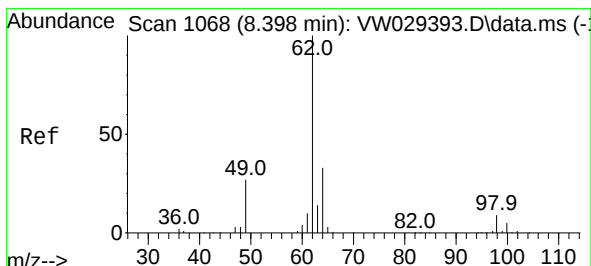
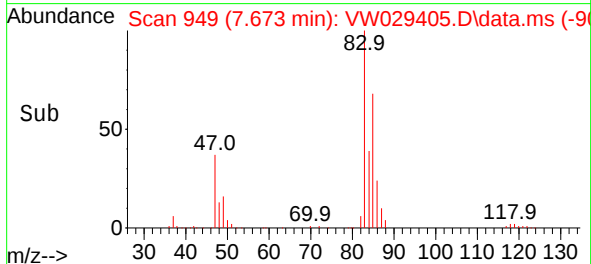
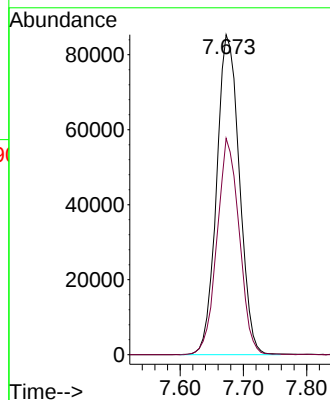
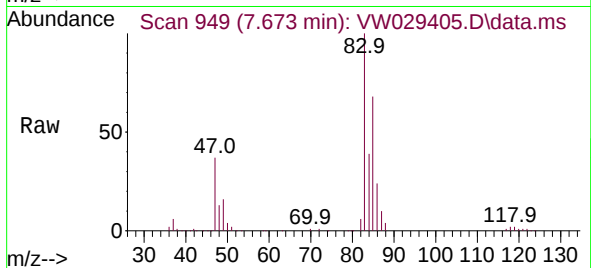
ClientSampleId :

Tgt Ion: 83 Resp: 213092

Ion Ratio Lower Upper

83 100

85 67.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 20.951 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029405.D

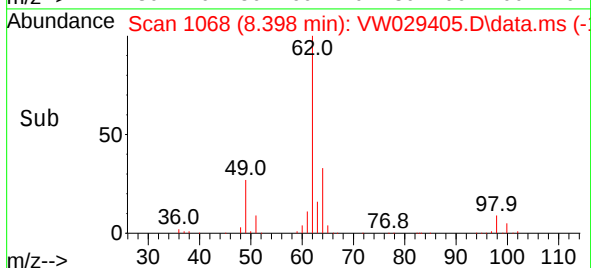
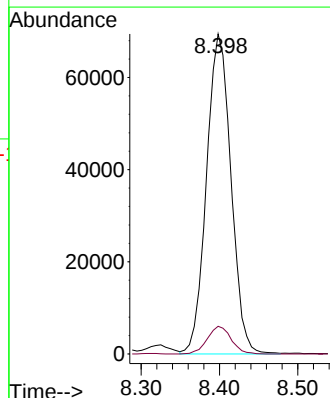
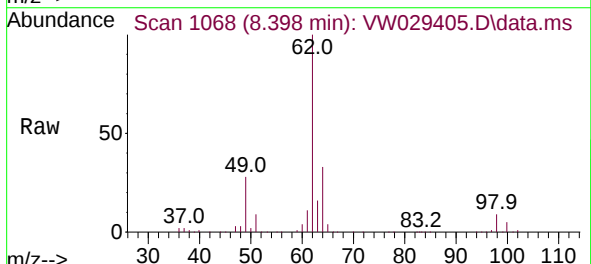
Acq: 28 Jun 2024 17:58

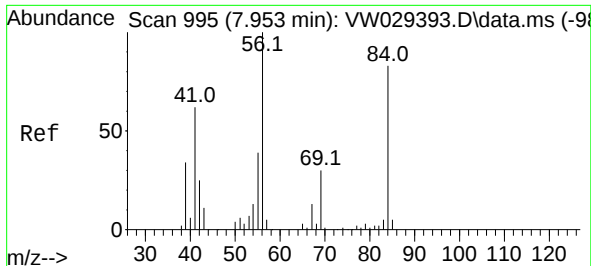
Tgt Ion: 62 Resp: 150920

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 19.535 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

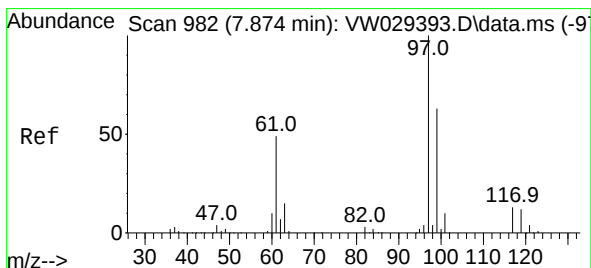
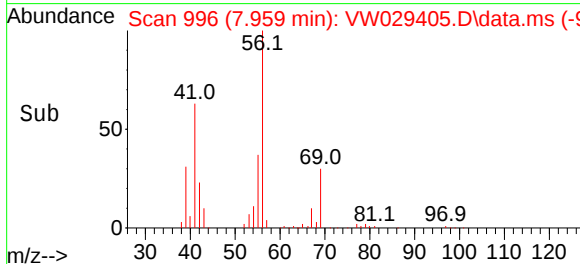
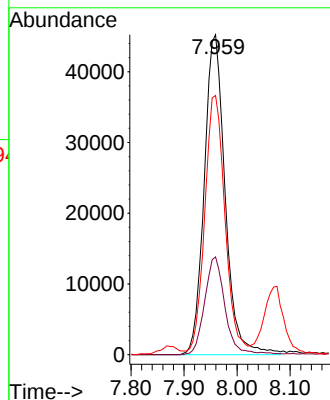
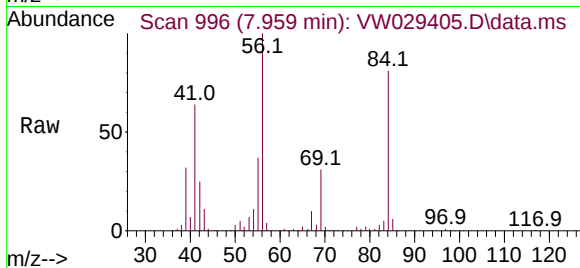
Tgt Ion: 56 Resp: 124075

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 78.6 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 25.930 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

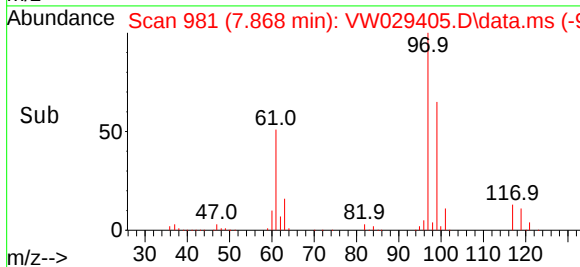
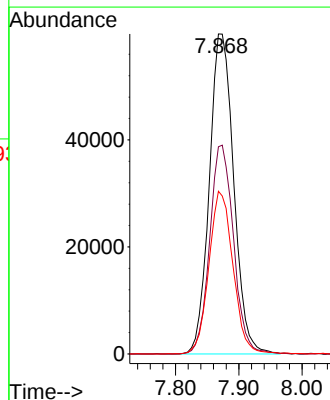
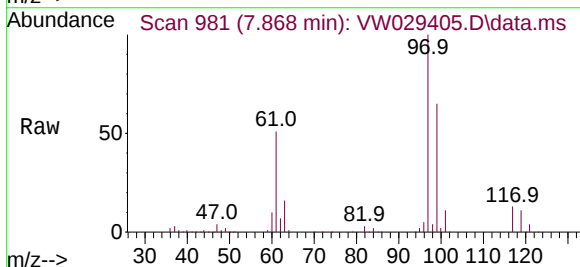
Tgt Ion: 97 Resp: 160199

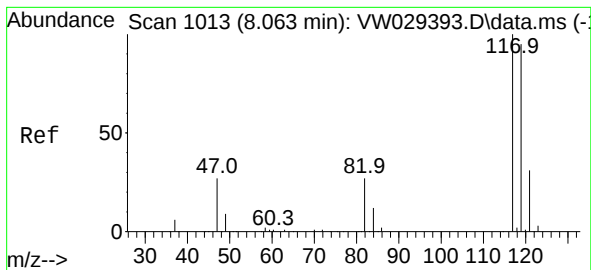
Ion Ratio Lower Upper

97 100

99 63.8 53.0 79.4

61 50.3 43.0 64.4





#31

Carbon tetrachloride

Concen: 24.032 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

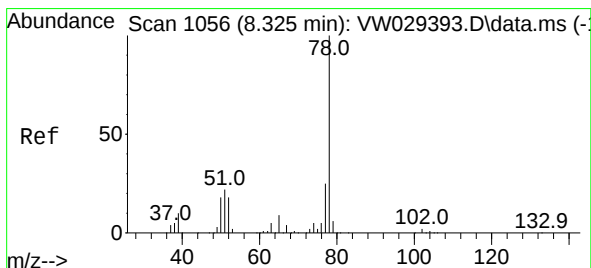
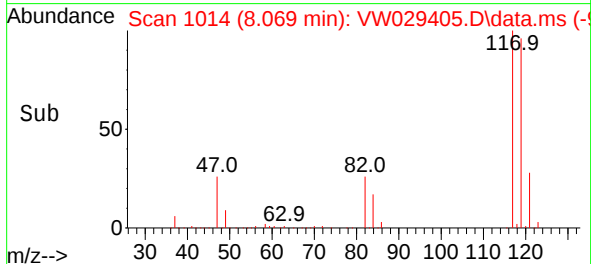
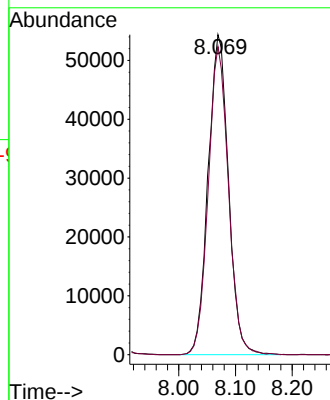
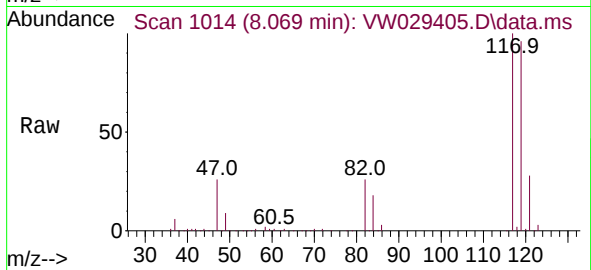
ClientSampleId :

Tgt Ion:117 Resp: 135628

Ion Ratio Lower Upper

117 100

119 95.3 79.0 118.4



#33

Benzene

Concen: 26.206 ug/L

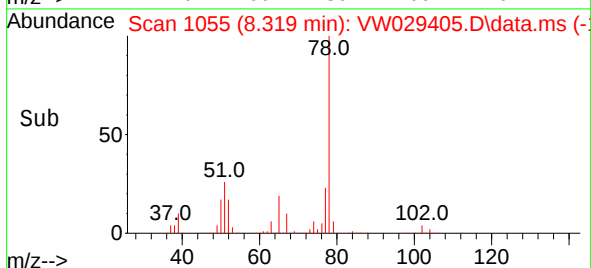
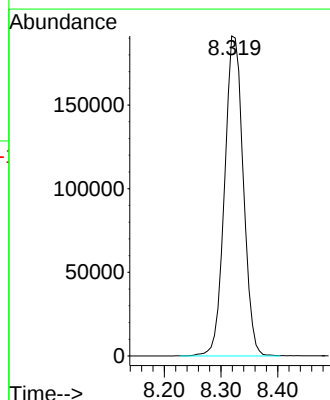
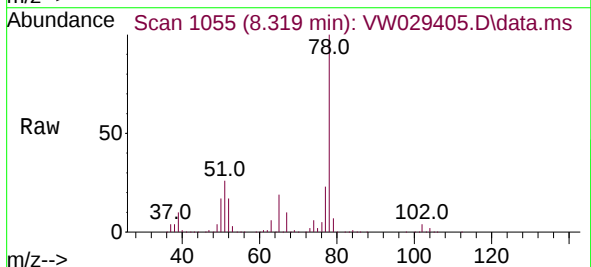
RT: 8.319 min Scan# 1055

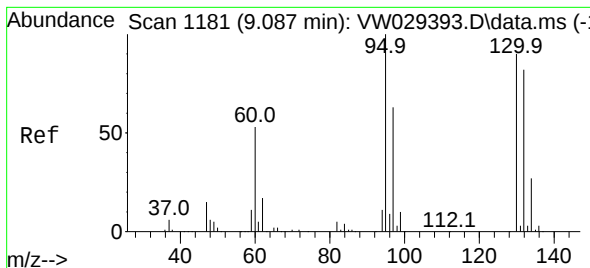
Delta R.T. -0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Tgt Ion: 78 Resp: 437467





#34

Trichloroethene

Concen: 23.472 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 104537

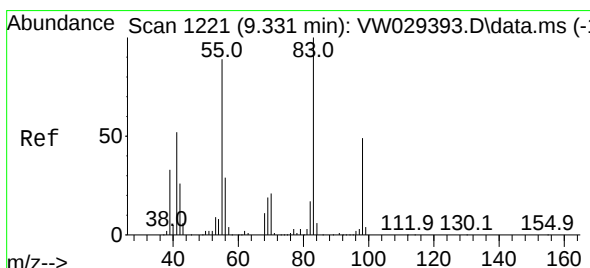
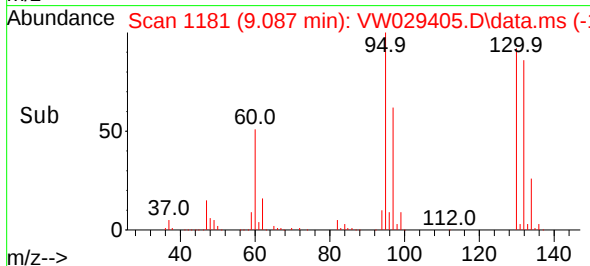
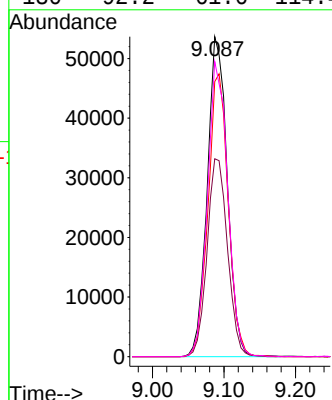
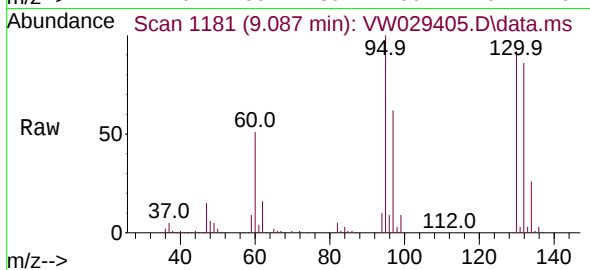
Ion Ratio Lower Upper

95 100

97 61.8 45.7 84.9

132 86.0 66.4 123.4

130 92.2 61.6 114.4



#35

Methylcyclohexane

Concen: 13.323 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

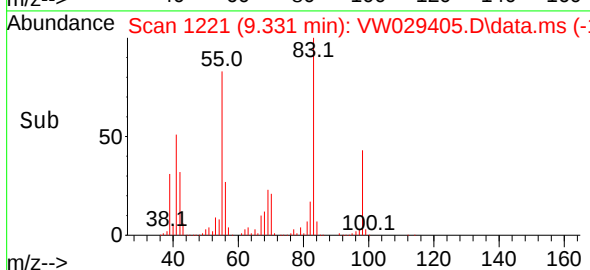
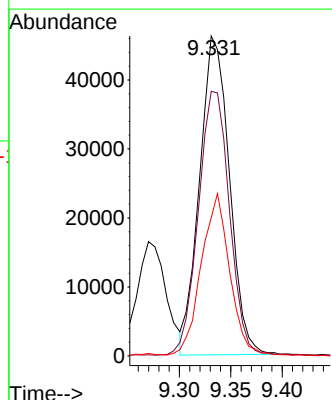
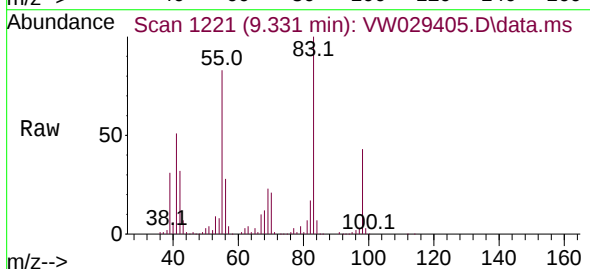
Tgt Ion: 83 Resp: 93316

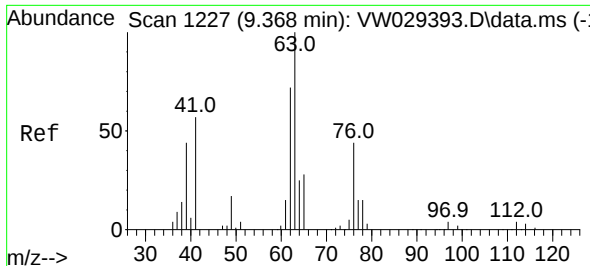
Ion Ratio Lower Upper

83 100

55 87.2 69.5 104.3

98 48.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.088 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

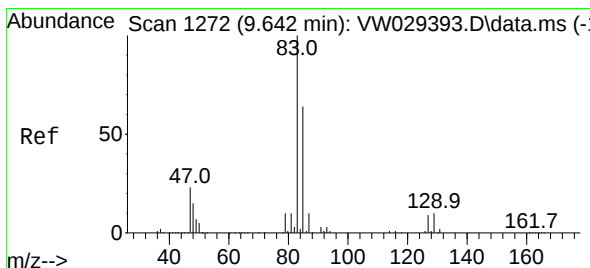
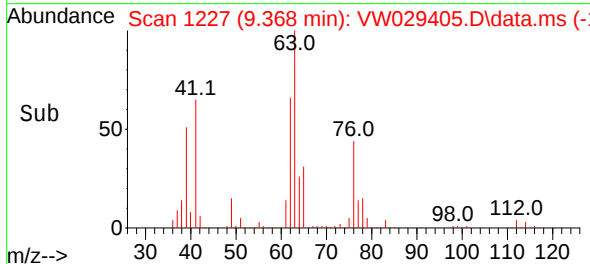
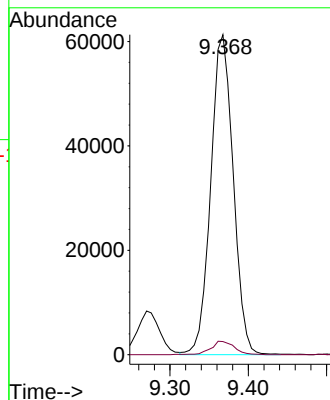
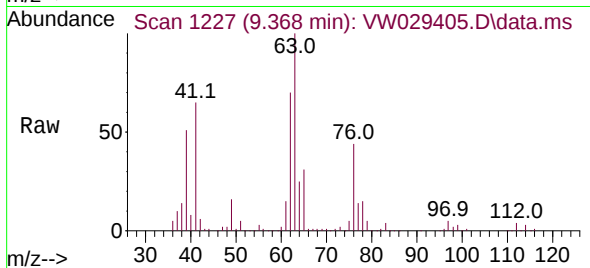
ClientSampleId :

Tgt Ion: 63 Resp: 122375

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 25.612 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

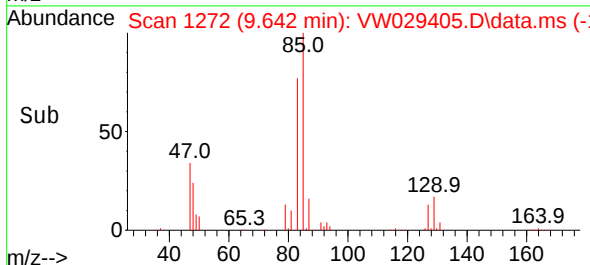
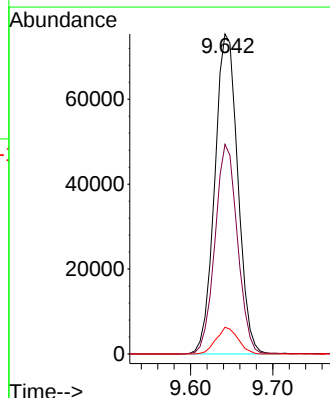
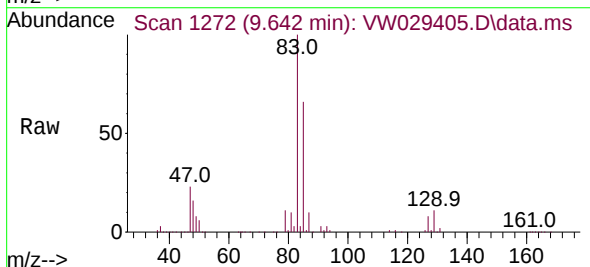
Tgt Ion: 83 Resp: 146892

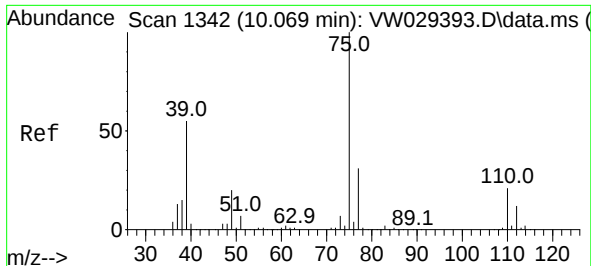
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

127 8.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 22.891 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

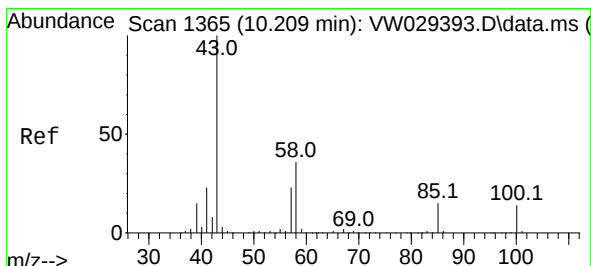
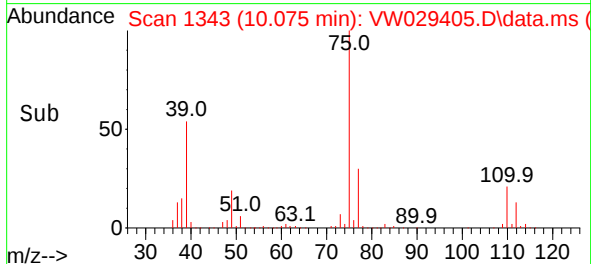
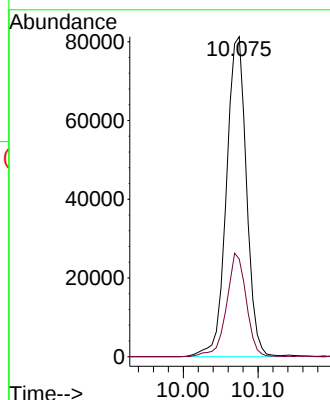
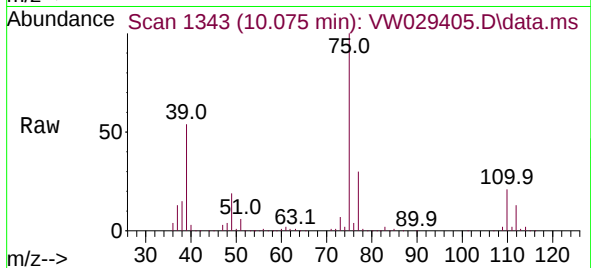
ClientSampleId :

Tgt Ion: 75 Resp: 151783

Ion Ratio Lower Upper

75 100

77 30.5 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 51.528 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

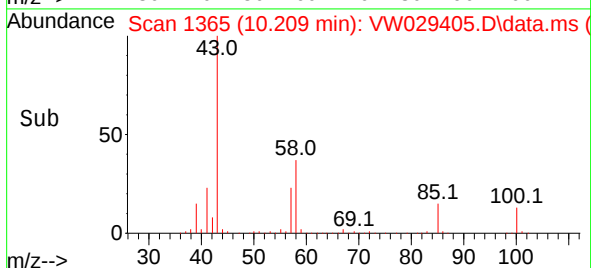
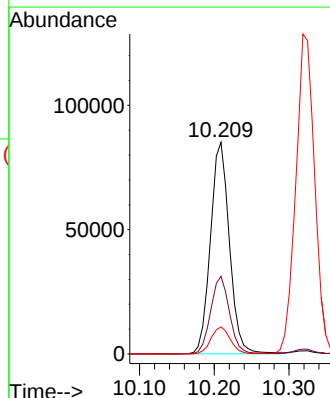
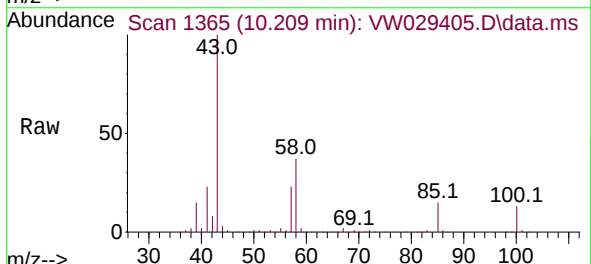
Tgt Ion: 43 Resp: 149813

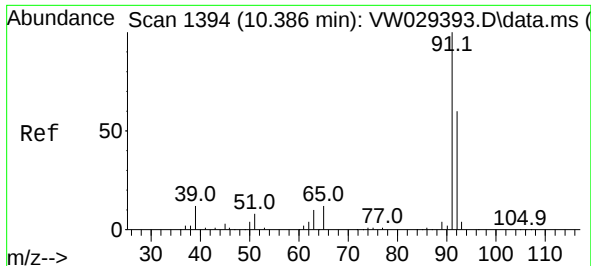
Ion Ratio Lower Upper

43 100

58 36.6 28.2 42.4

100 13.0 11.0 16.4





#42

Toluene

Concen: 24.391 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

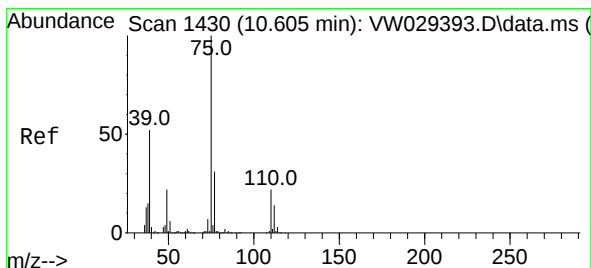
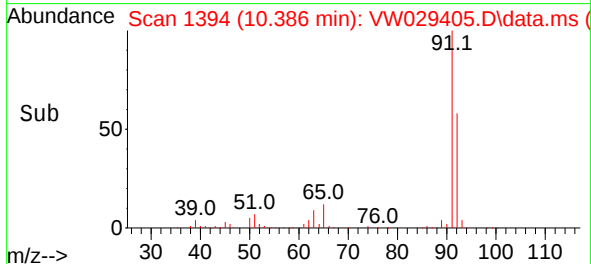
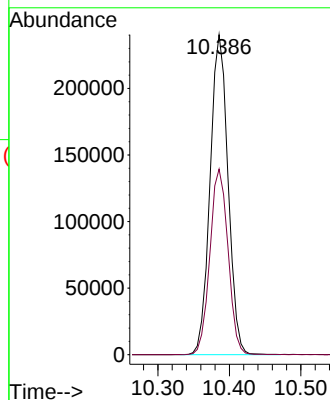
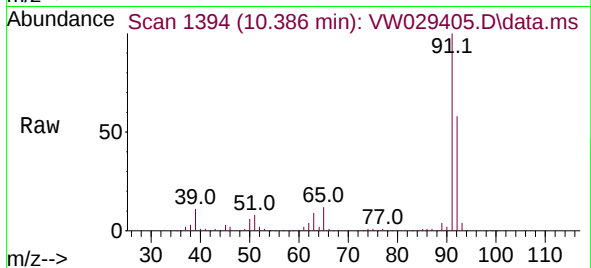
ClientSampleId :

Tgt Ion: 91 Resp: 418593

Ion Ratio Lower Upper

91 100

92 58.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 22.845 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029405.D

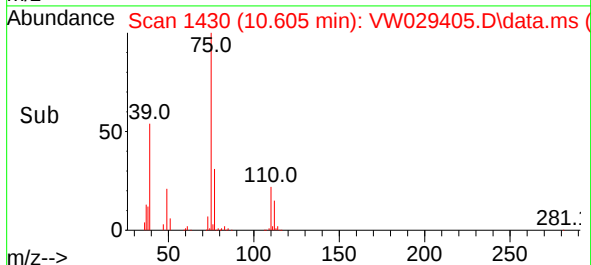
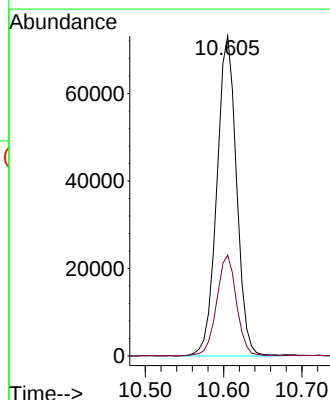
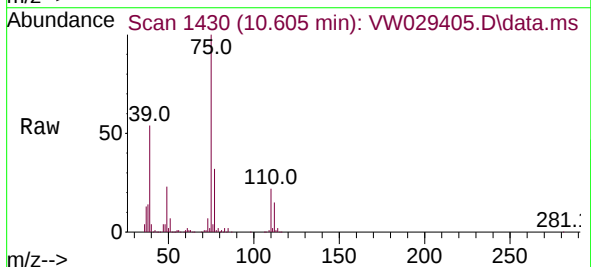
Acq: 28 Jun 2024 17:58

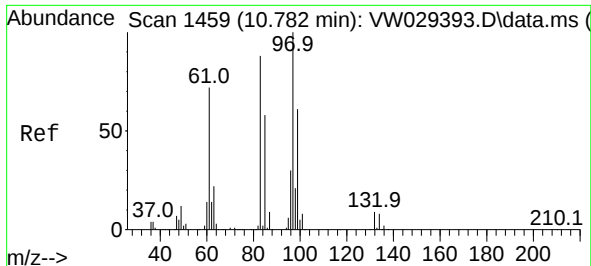
Tgt Ion: 75 Resp: 127909

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.963 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 81554

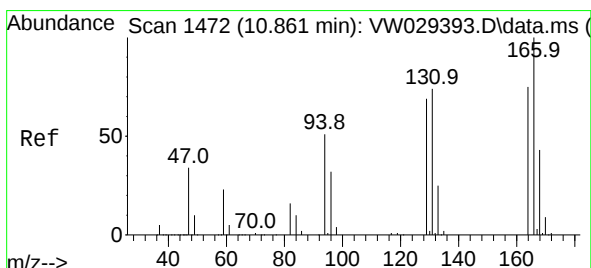
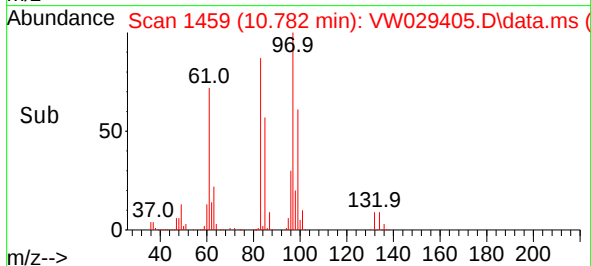
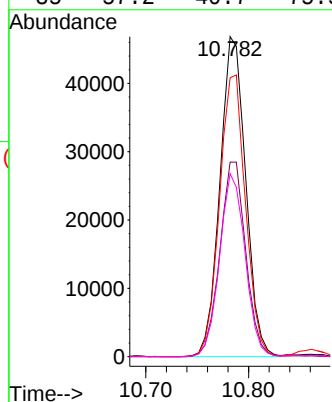
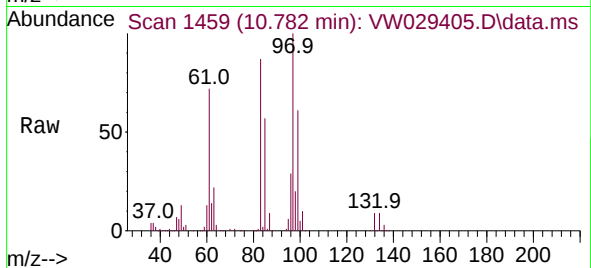
Ion Ratio Lower Upper

97 100

99 60.8 42.3 78.5

83 87.2 57.7 107.1

85 57.2 40.7 75.5



#46

Tetrachloroethene

Concen: 19.854 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Tgt Ion:164 Resp: 61814

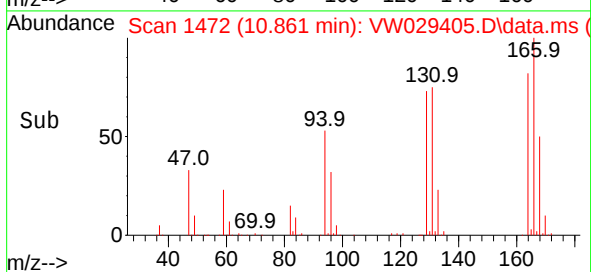
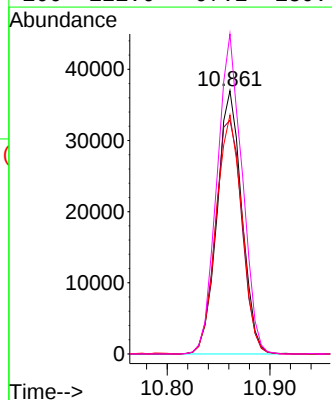
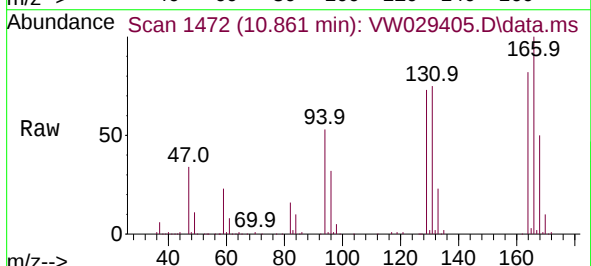
Ion Ratio Lower Upper

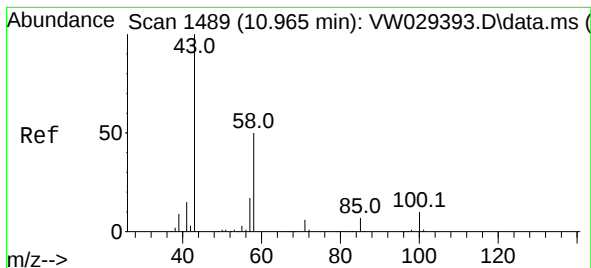
164 100

129 88.8 68.5 127.3

131 90.8 71.8 133.4

166 121.6 97.2 180.4





#48

2-Hexanone

Concen: 46.318 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 95555

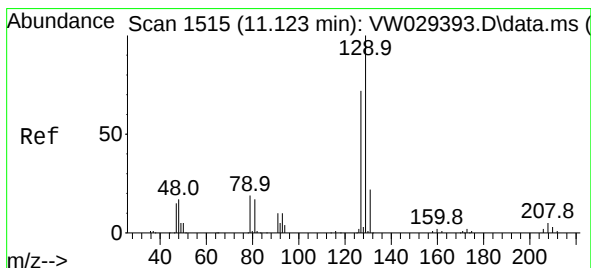
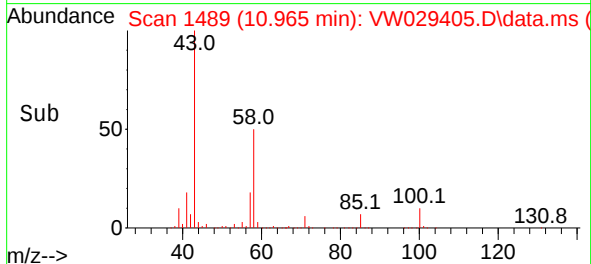
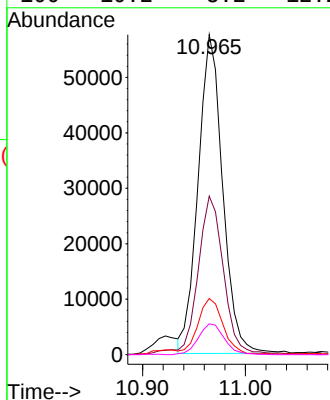
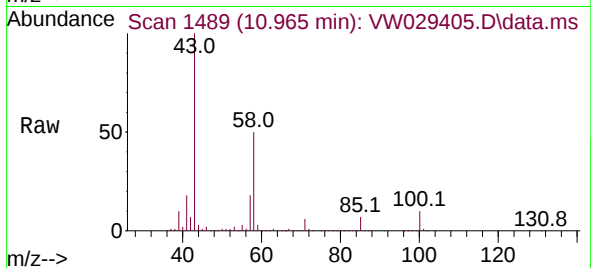
Ion Ratio Lower Upper

43 100

58 49.4 39.6 59.4

57 18.2 14.6 21.8

100 10.2 8.2 12.2



#49

Dibromochloromethane

Concen: 24.657 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029405.D

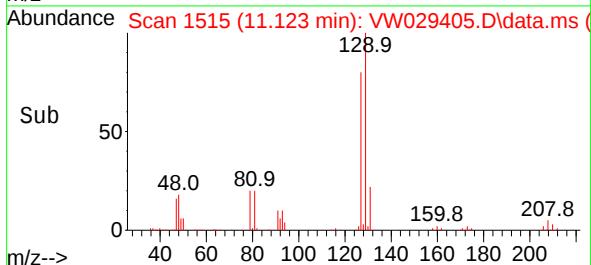
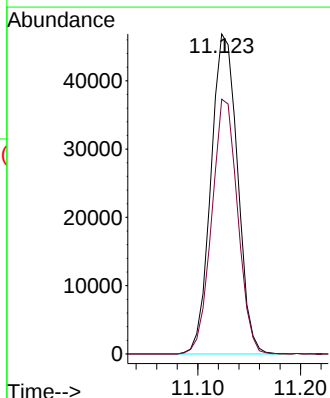
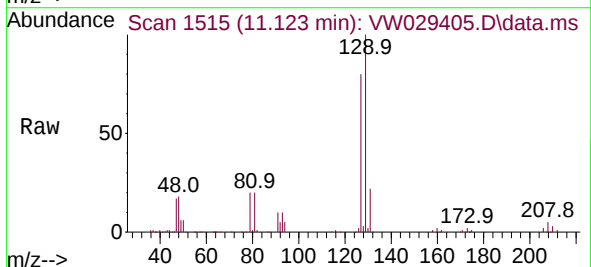
Acq: 28 Jun 2024 17:58

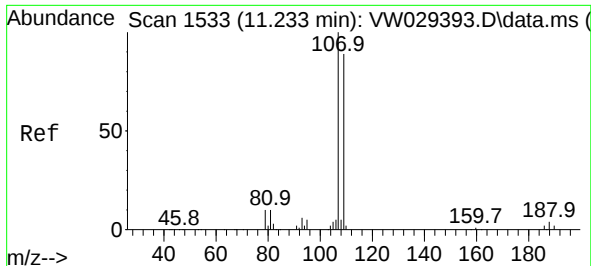
Tgt Ion:129 Resp: 84205

Ion Ratio Lower Upper

129 100

127 79.6 54.8 101.8





#50

1,2-Dibromoethane

Concen: 23.632 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

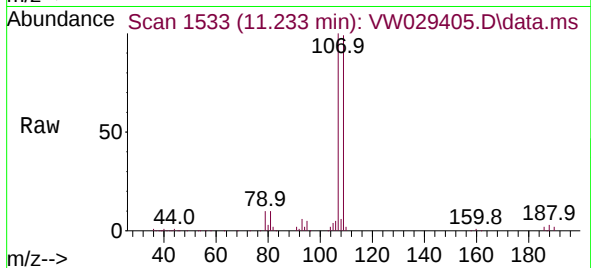
Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :



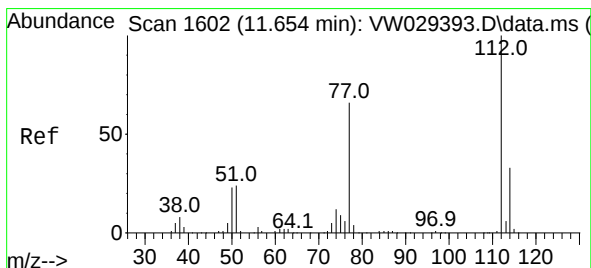
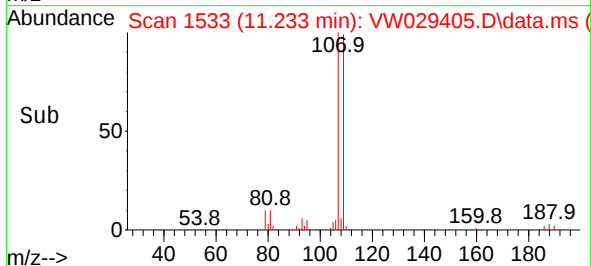
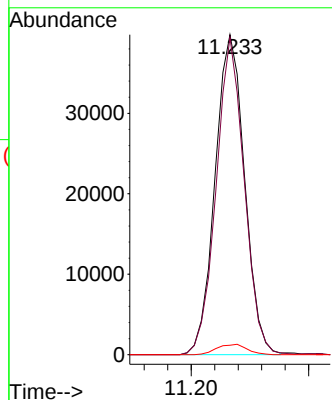
Tgt Ion:107 Resp: 69305

Ion Ratio Lower Upper

107 100

109 99.1 65.5 121.6

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 20.889 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

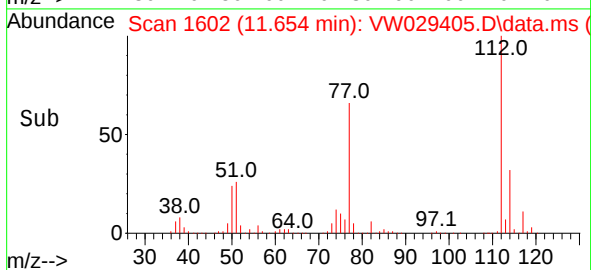
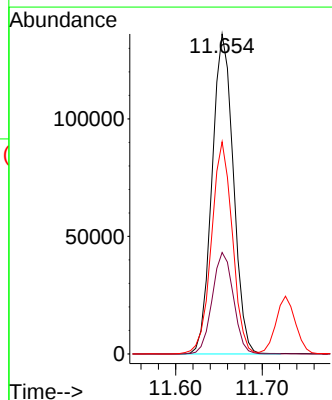
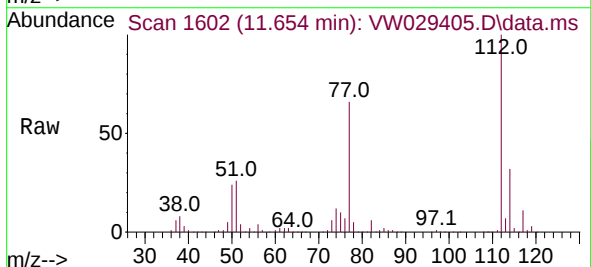
Tgt Ion:112 Resp: 232792

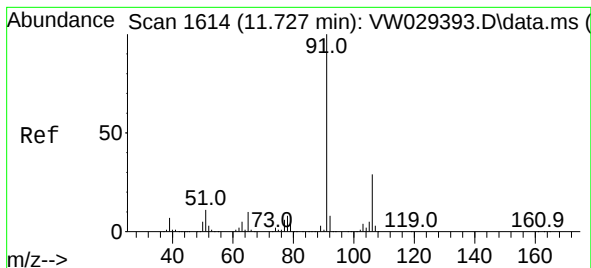
Ion Ratio Lower Upper

112 100

114 31.7 22.6 42.0

77 66.3 51.0 76.6





#52

Ethylbenzene

Concen: 21.207 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

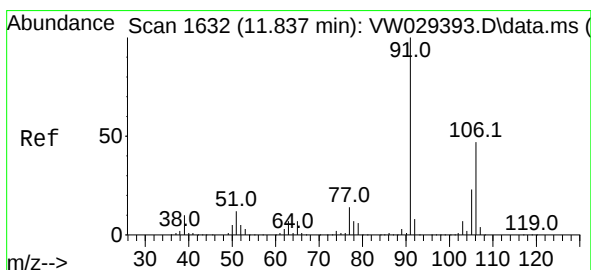
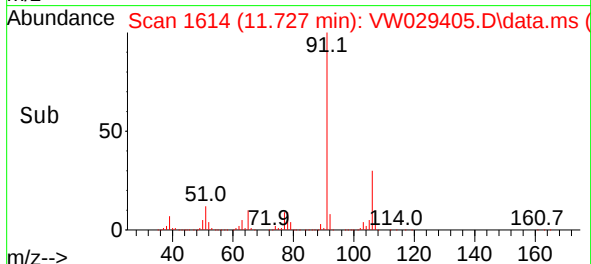
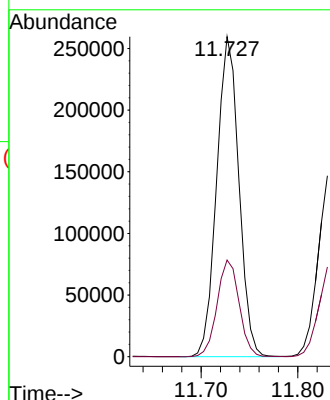
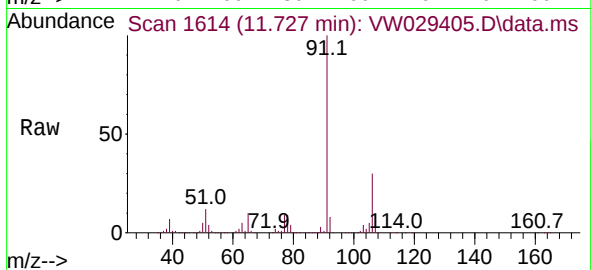
ClientSampleId :

Tgt Ion: 91 Resp: 413124

Ion Ratio Lower Upper

91 100

106 30.2 19.9 37.0



#53

m,p-Xylene

Concen: 20.650 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029405.D

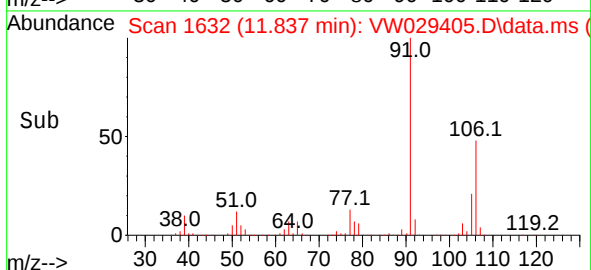
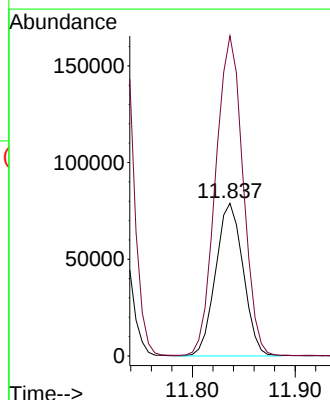
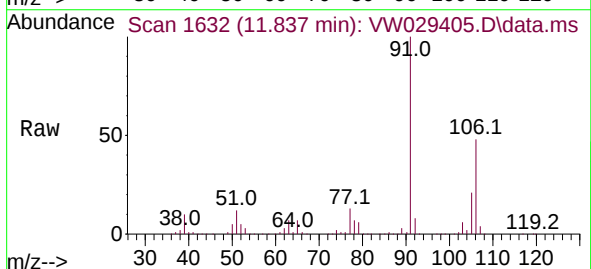
Acq: 28 Jun 2024 17:58

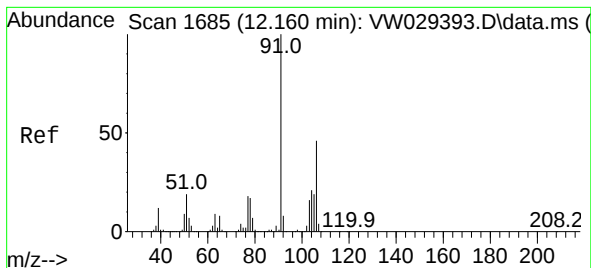
Tgt Ion:106 Resp: 146934

Ion Ratio Lower Upper

106 100

91 209.6 140.5 260.9

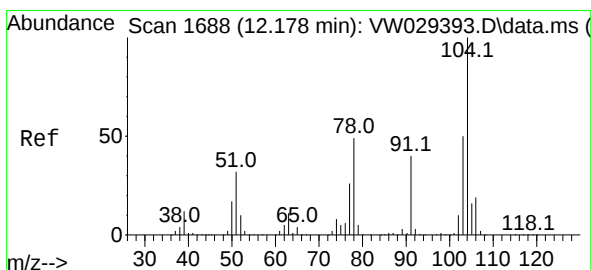
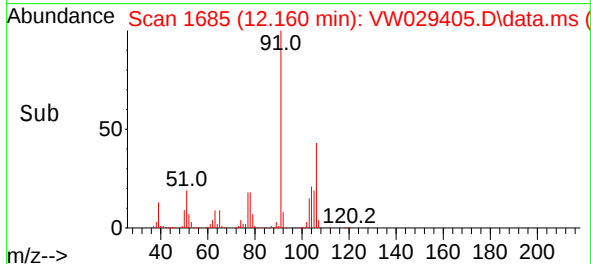
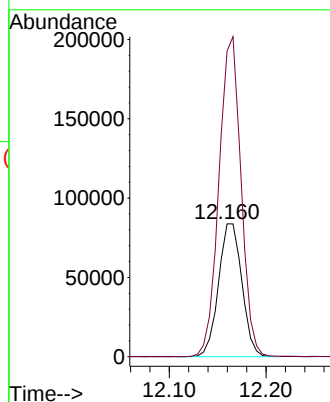
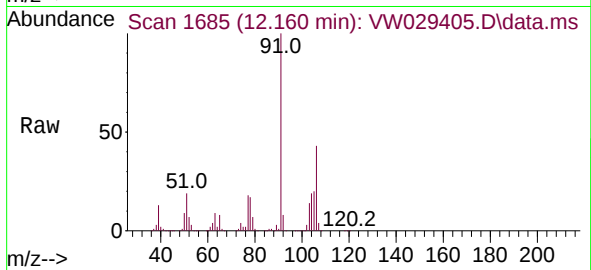




#54
o-Xylene
Concen: 21.144 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

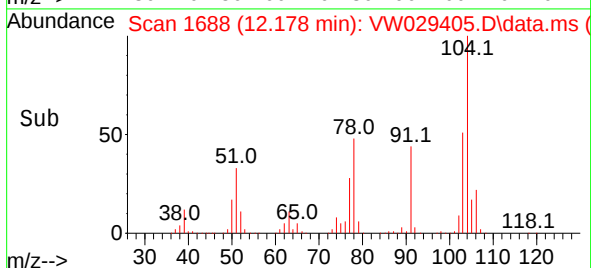
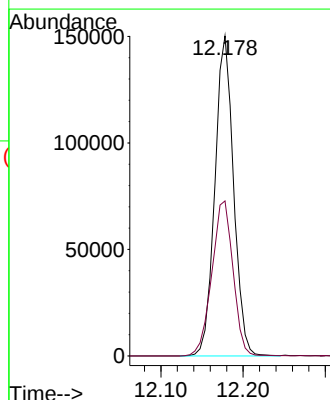
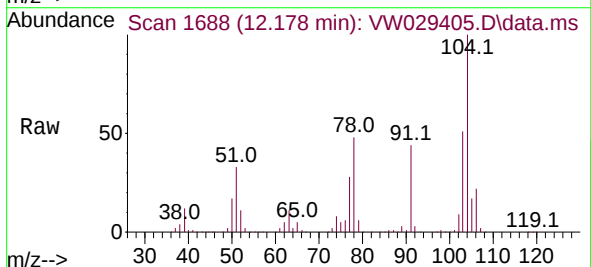
Instrument :
MSVOA_W
ClientSampleId :

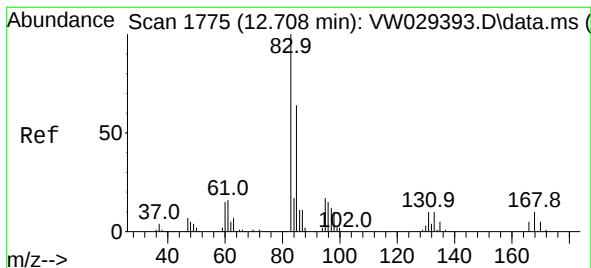
Tgt Ion:106 Resp: 140609
Ion Ratio Lower Upper
106 100
91 230.2 149.9 278.5



#55
Styrene
Concen: 20.456 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion:104 Resp: 237184
Ion Ratio Lower Upper
104 100
78 48.4 35.4 65.7

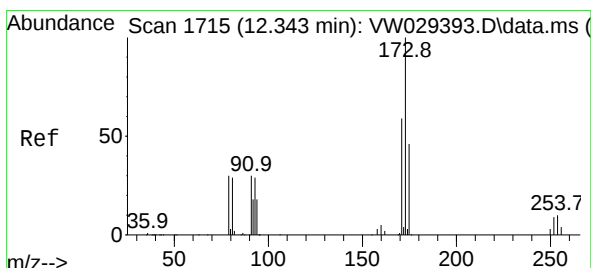
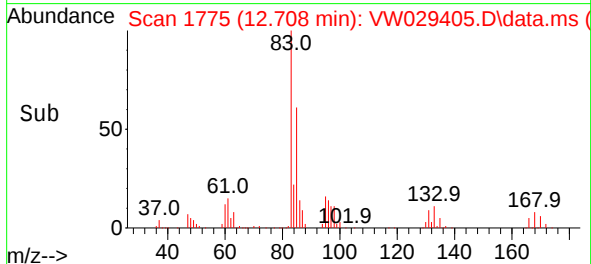
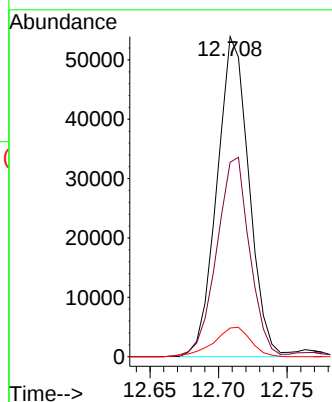
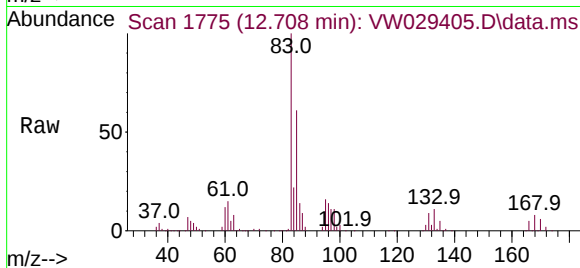




#57
1,1,2,2-Tetrachloroethane
Concen: 21.641 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

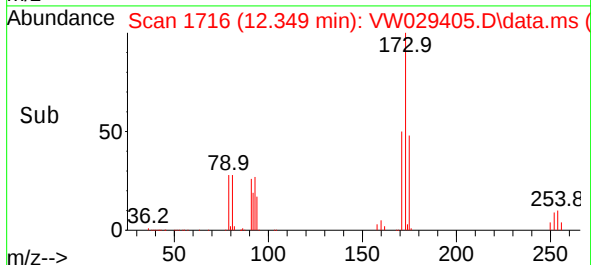
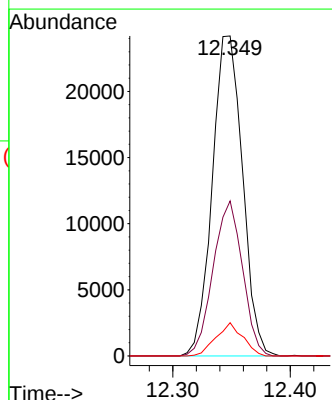
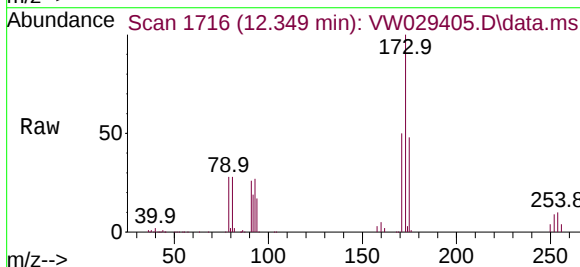
Instrument :
MSVOA_W
ClientSampleId :

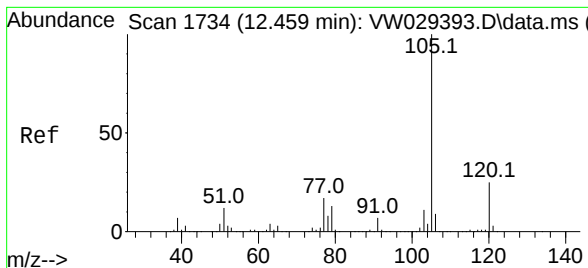
Tgt Ion: 83 Resp: 87453
Ion Ratio Lower Upper
83 100
85 60.8 45.8 85.0
131 8.9 7.8 11.6



#59
Bromoform
Concen: 34.929 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion:173 Resp: 43243
Ion Ratio Lower Upper
173 100
175 47.0 37.8 56.8
254 9.2 7.8 11.6





#60

Isopropylbenzene

Concen: 28.509 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

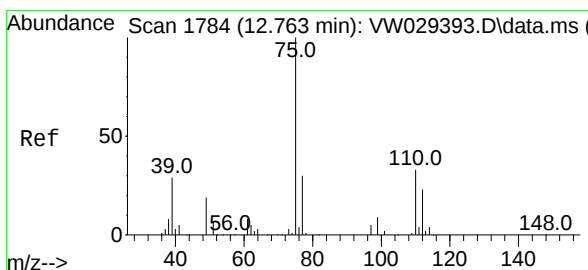
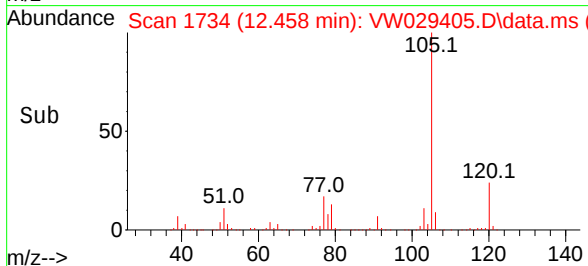
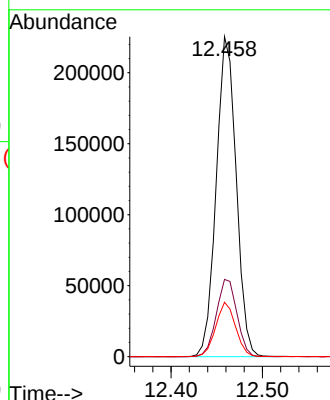
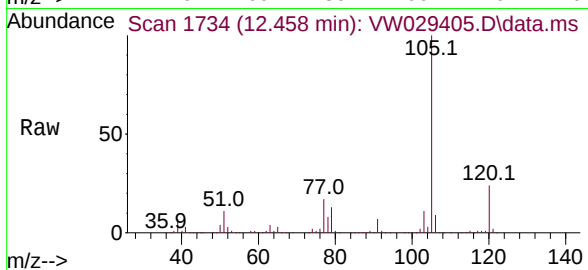
Tgt Ion:105 Resp: 343135

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 34.593 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

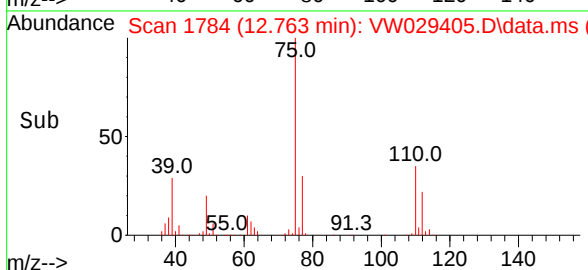
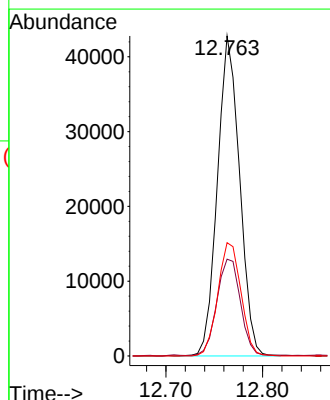
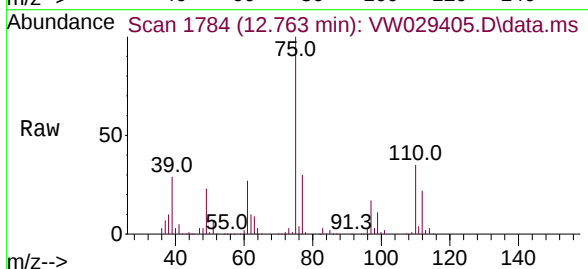
Tgt Ion: 75 Resp: 68156

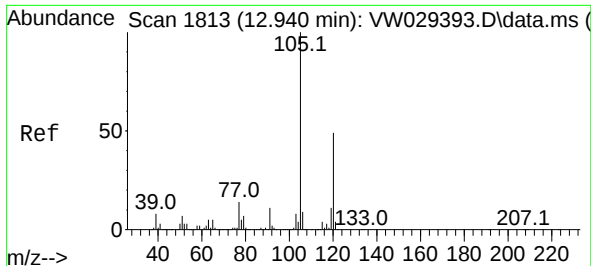
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 36.9 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 25.324 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

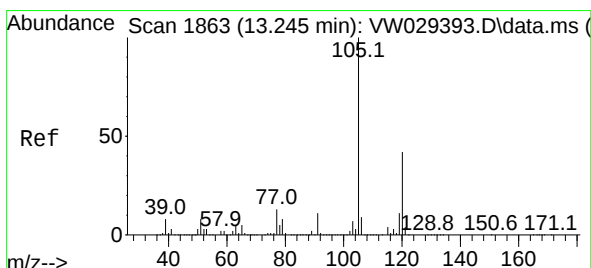
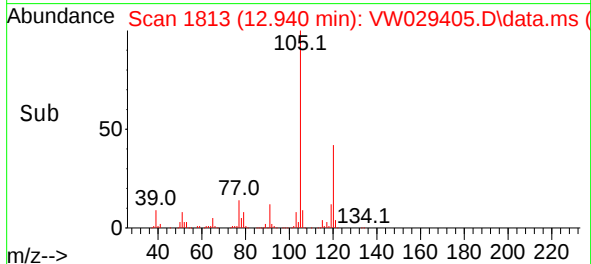
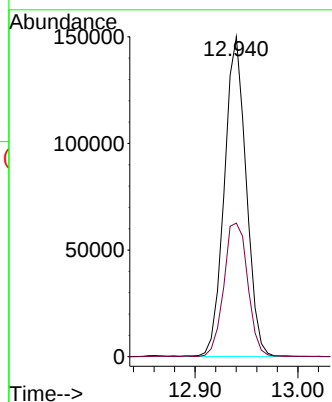
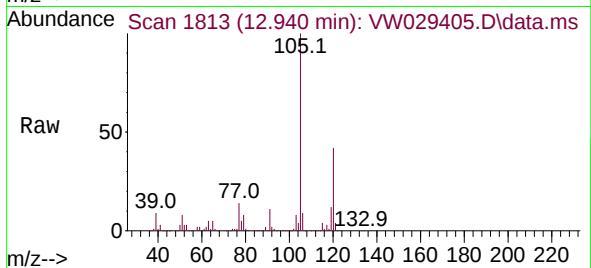
ClientSampleId :

Tgt Ion:105 Resp: 220741

Ion Ratio Lower Upper

105 100

120 46.0 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 25.427 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029405.D

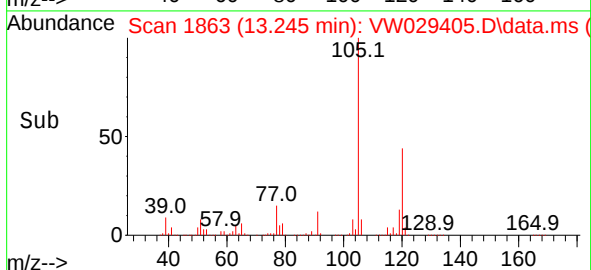
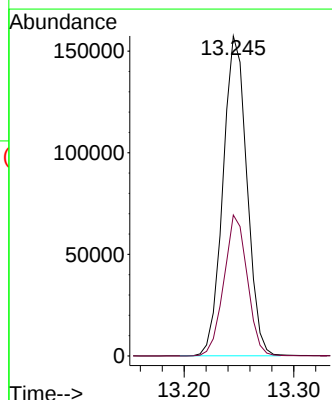
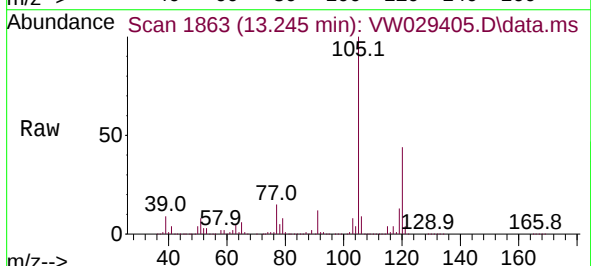
Acq: 28 Jun 2024 17:58

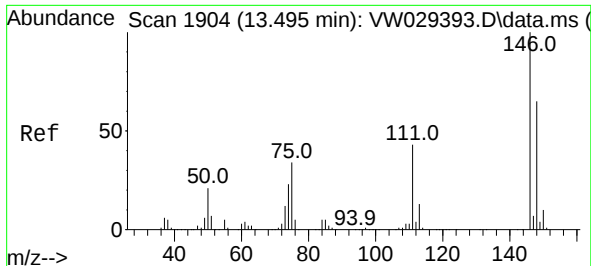
Tgt Ion:105 Resp: 238469

Ion Ratio Lower Upper

105 100

120 43.2 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 21.993 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

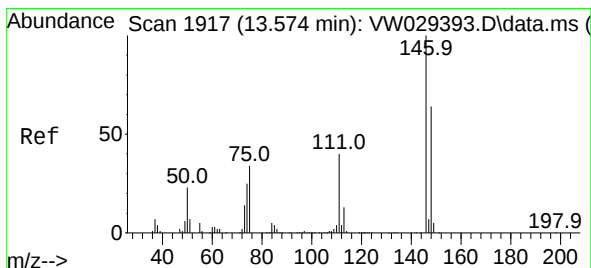
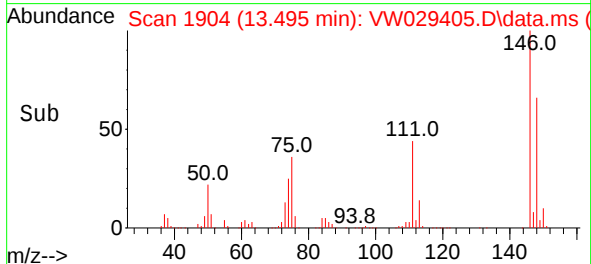
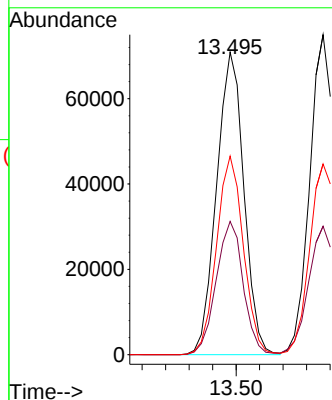
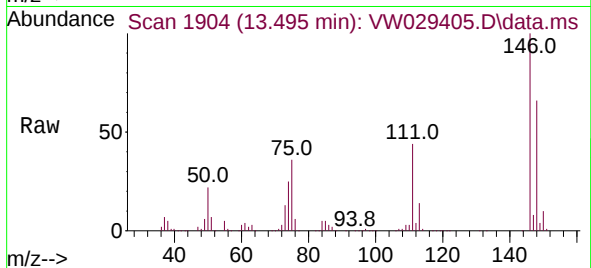
Tgt Ion:146 Resp: 114554

Ion Ratio Lower Upper

146 100

111 44.0 33.0 61.2

148 65.6 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 21.096 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

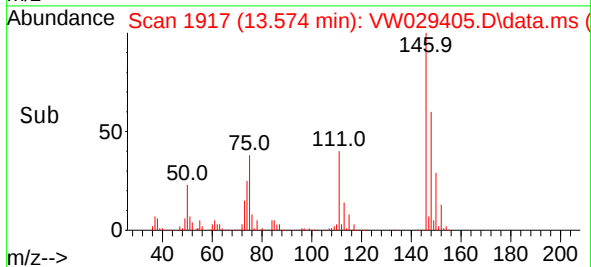
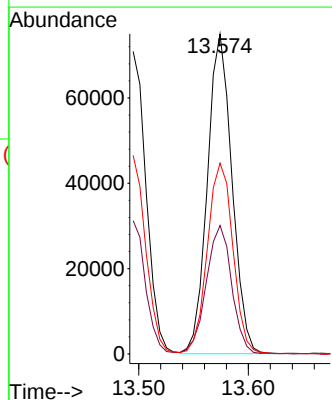
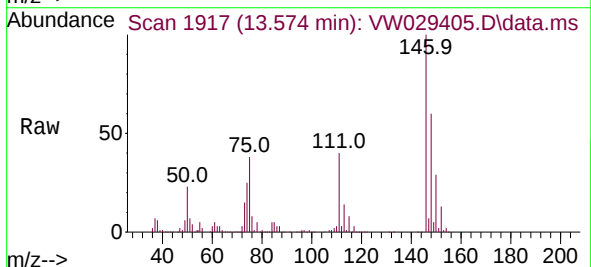
Tgt Ion:146 Resp: 116912

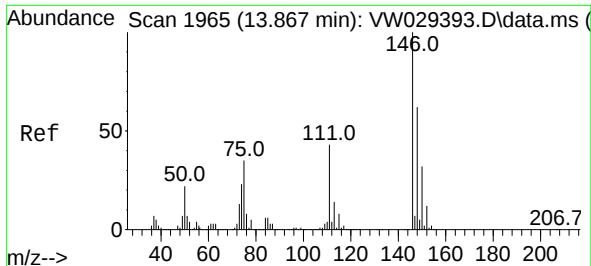
Ion Ratio Lower Upper

146 100

111 40.1 28.9 53.7

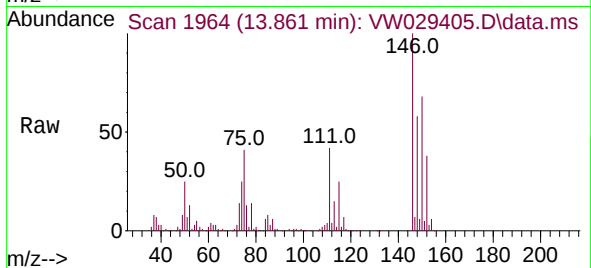
148 59.6 42.0 78.0



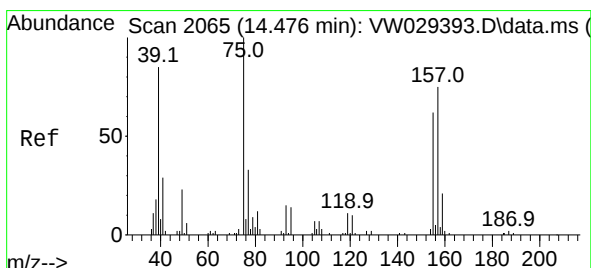
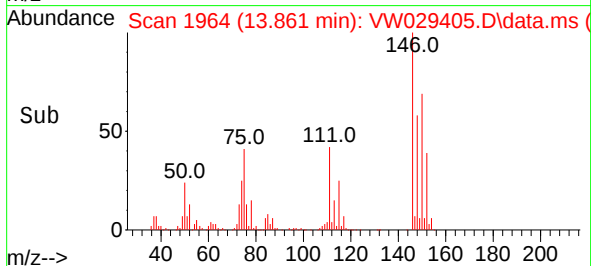
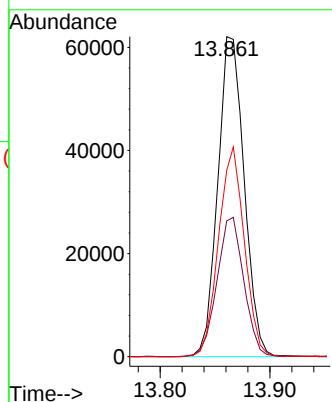


#67
1,2-Dichlorobenzene
Concen: 21.577 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Instrument :
MSVOA_W
ClientSampleId :

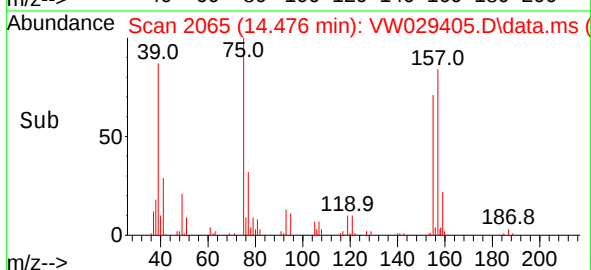
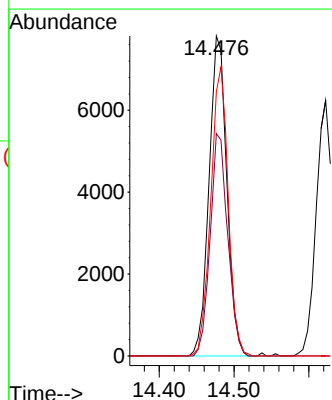
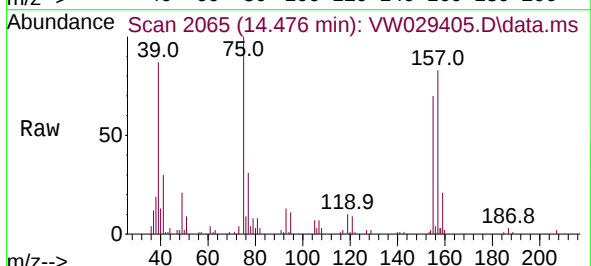


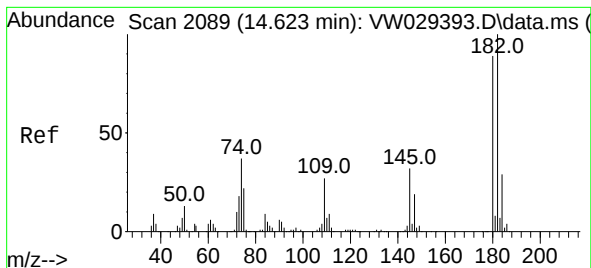
Tgt Ion:146 Resp: 103898
Ion Ratio Lower Upper
146 100
111 42.4 34.2 51.4
148 58.2 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 28.164 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029405.D
Acq: 28 Jun 2024 17:58

Tgt Ion: 75 Resp: 12949
Ion Ratio Lower Upper
75 100
155 69.5 51.0 76.6
157 82.6 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 12.847 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

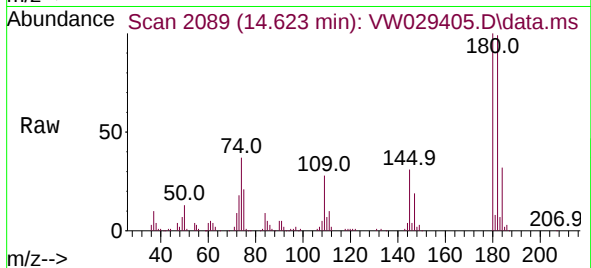
Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 45161

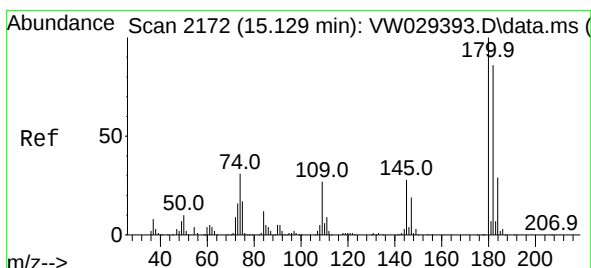
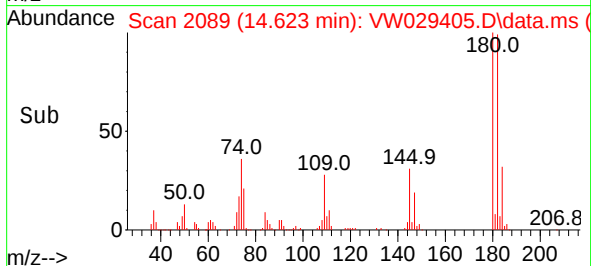
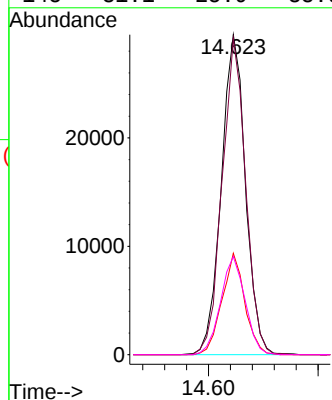
Ion Ratio Lower Upper

180 100

182 96.0 72.9 109.3

184 29.9 23.8 35.6

145 31.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 10.965 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

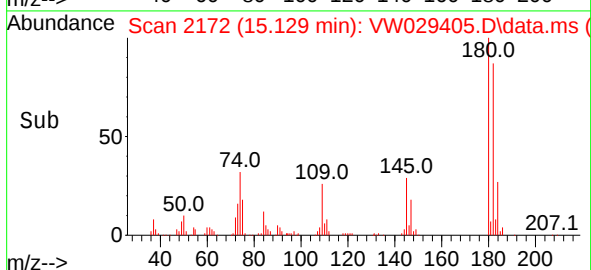
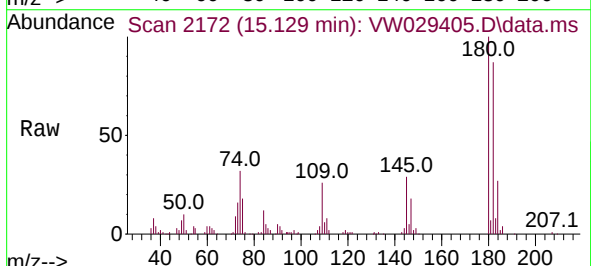
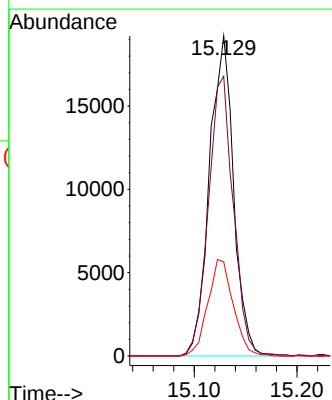
Tgt Ion:180 Resp: 31245

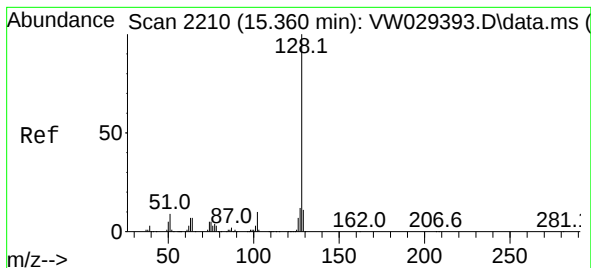
Ion Ratio Lower Upper

180 100

182 90.5 77.7 116.5

145 31.8 25.7 38.5





#71

Naphthalene

Concen: 14.196 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Instrument :

MSVOA_W

ClientSampleId :

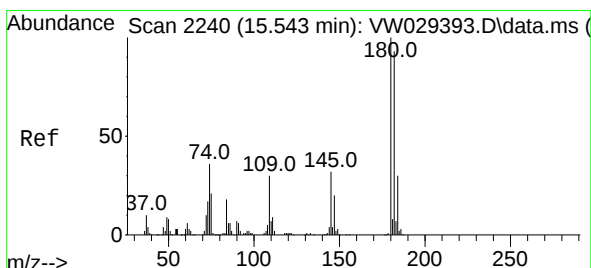
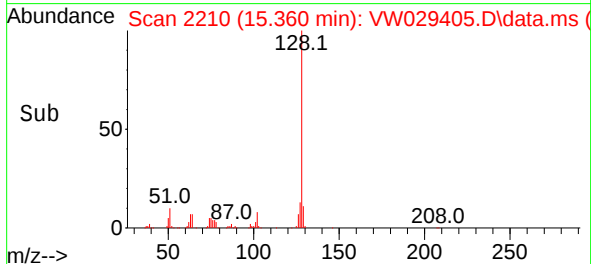
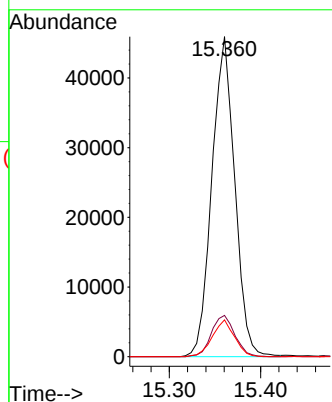
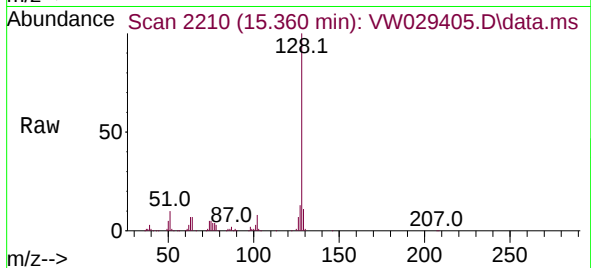
Tgt Ion:128 Resp: 79843

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.684 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029405.D

Acq: 28 Jun 2024 17:58

Tgt Ion:180 Resp: 25143

Ion Ratio Lower Upper

180 100

182 94.1 73.0 109.6

145 33.7 28.1 42.1

