

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : 005.D
 Acq On : 27 Oct 2023 21:37
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 02:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	448023	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	435632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	235317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	13816	4.305	ug/L	0.00
7) Chloroethane-d5	1.672	69	11197	3.400	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	6093	4.411	ug/L	0.00
21) 2-Butanone-d5	4.458	46	21155	9.478	ug/L	0.00
24) Chloroform-d	5.056	84	27532	4.681	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	19544	4.961	ug/L	0.00
32) Benzene-d6	5.976	84	54232	4.422	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	15499	4.053	ug/L	0.00
41) Toluene-d8	8.647	98	56430	4.758	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6105	3.334	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	16125	9.116	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	24639	4.737	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	21432	4.759	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10896	3.265	ug/L	98
3) Chloromethane	1.294	50	8573	2.458	ug/L	99
5) Vinyl chloride	1.374	62	9870	2.652	ug/L #	80
6) Bromomethane	1.618	94	6548	1.980	ug/L	90
8) Chloroethane	1.691	64	5768	2.255	ug/L	88
9) Trichlorofluoromethane	1.892	101	15465	2.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9493	3.165	ug/L	97
12) 1,1-Dichloroethene	2.319	96	8490	2.990	ug/L #	76
13) Acetone	2.380	43	9998	6.117	ug/L	98
14) Carbon disulfide	2.514	76	22701	2.953	ug/L	99
15) Methyl Acetate	2.709	43	9864	3.013	ug/L	98
16) Methylene chloride	2.788	84	10434	3.403	ug/L	93
17) trans-1,2-Dichloroethene	3.099	96	8936	3.136	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	27250	2.862	ug/L	99
19) 1,1-Dichloroethane	3.611	63	14958	2.778	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	10049	3.039	ug/L	91
22) 2-Butanone	4.562	43	13899	5.797	ug/L	98
23) Bromochloromethane	4.904	128	5104	3.076	ug/L	89
25) Chloroform	5.099	83	17517	3.053	ug/L	99
27) 1,2-Dichloroethane	6.098	62	13081	2.906	ug/L	98
29) Cyclohexane	5.470	56	12396	2.548	ug/L #	95
30) 1,1,1-Trichloroethane	5.385	97	14113	2.779	ug/L	97
31) Carbon tetrachloride	5.672	117	12656	2.913	ug/L	97
33) Benzene	6.044	78	36025	2.890	ug/L	100
34) Trichloroethene	7.129	95	10614	3.058	ug/L	96
35) Methylcyclohexane	7.379	83	14100	2.696	ug/L	97
37) 1,2-Dichloropropane	7.434	63	9088	2.707	ug/L #	97
38) Bromodichloromethane	7.824	83	11190	2.619	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	11984	2.266	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	25088	5.340	ug/L	97
42) Toluene	8.720	91	39387	2.926	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	10328	2.114	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : 005.D
 Acq On : 27 Oct 2023 21:37
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 28 02:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

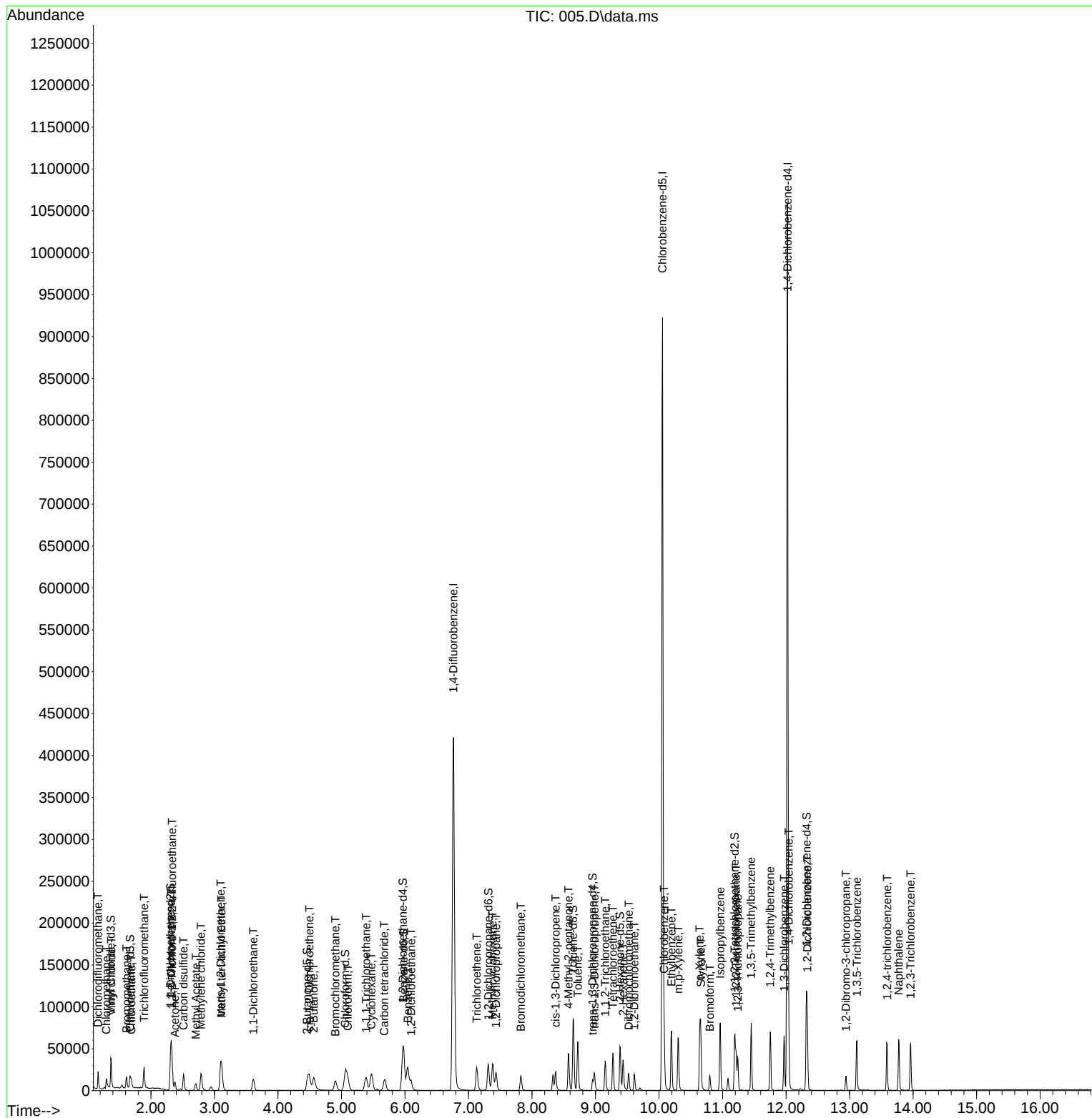
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	9960	3.039	ug/L	99
46) Tetrachloroethene	9.275	164	8336	3.239	ug/L	93
48) 2-Hexanone	9.433	43	20735	5.637	ug/L	92
49) Dibromochloromethane	9.525	129	9190	2.768	ug/L	92
50) 1,2-Dibromoethane	9.610	107	10441	2.938	ug/L	99
51) Chlorobenzene	10.079	112	28556	3.244	ug/L	98
52) Ethylbenzene	10.195	91	44070	2.950	ug/L	96
53) m,p-Xylene	10.305	106	16798	2.928	ug/L	93
54) o-Xylene	10.640	106	15893	2.821	ug/L	98
55) Styrene	10.659	104	25937	2.749	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.213	83	16564	3.205	ug/L	96
59) Bromoform	10.799	173	6699	2.619	ug/L	98
60) Isopropylbenzene	10.963	105	42610	2.724	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	12788	3.002	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	34325	2.632	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	32311	2.492	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	22270	3.150	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	23918	3.342	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	21701	3.108	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	3139	2.652	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.115	180	15938	3.315	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	14393	3.173	ug/L	98
71) Naphthalene	13.774	128	40783	2.735	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	14445	3.267	ug/L	98

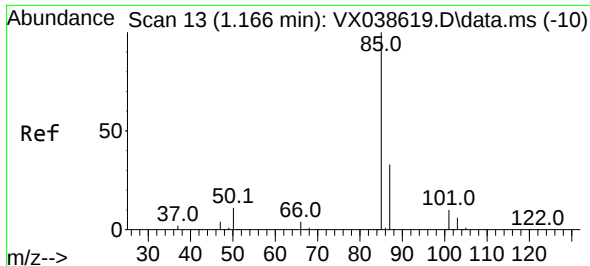
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\  
Data File : 005.D  
Acq On    : 27 Oct 2023   21:37  
Operator  : JC/MD  
Sample    : VSTD005  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 32   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 28 02:22:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM102823WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 28 02:22:08 2023
Response via : Initial Calibration

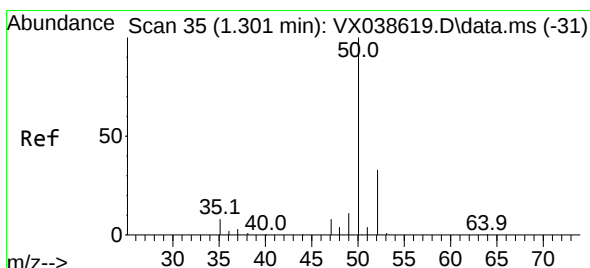
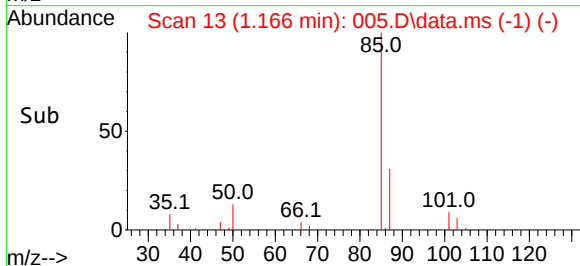
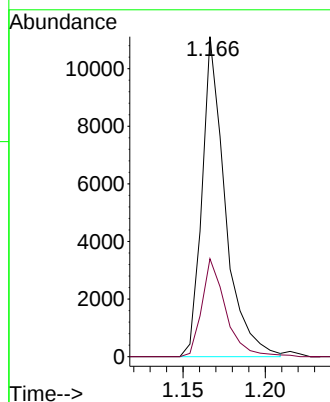
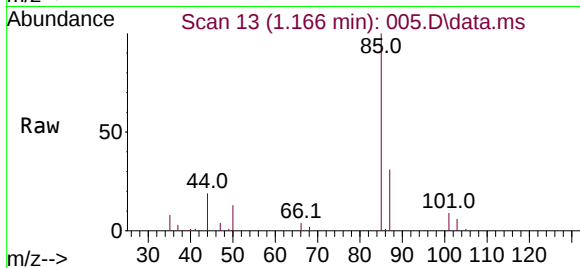




#2
 Dichlorodifluoromethane
 Concen: 3.265 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

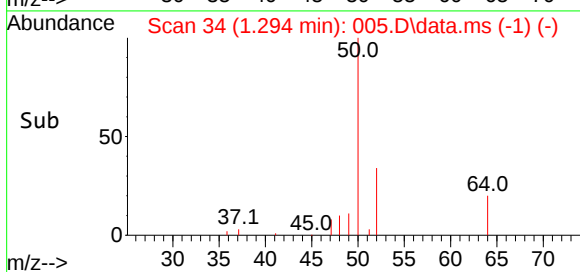
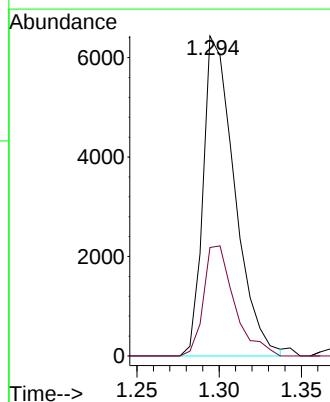
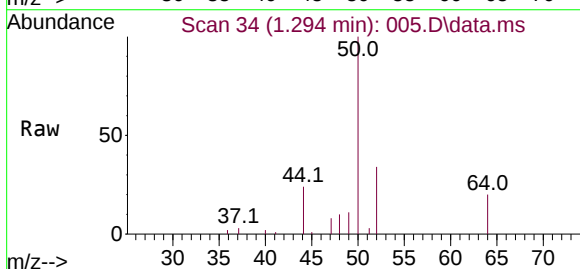
Instrument :
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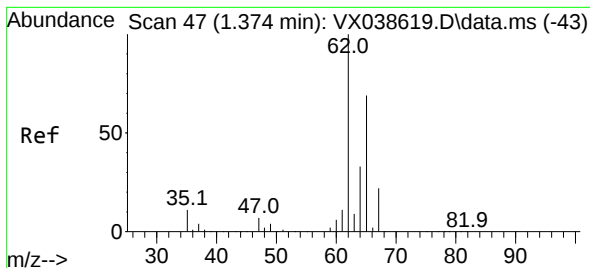
Tgt Ion: 85 Resp: 10896
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.1 39.1



#3
 Chloromethane
 Concen: 2.458 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 50 Resp: 8573
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.3 43.3

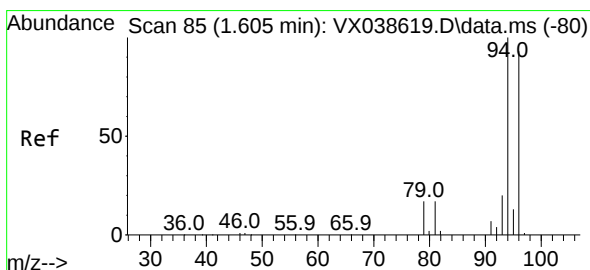
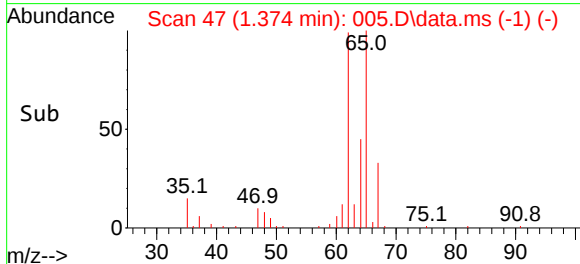
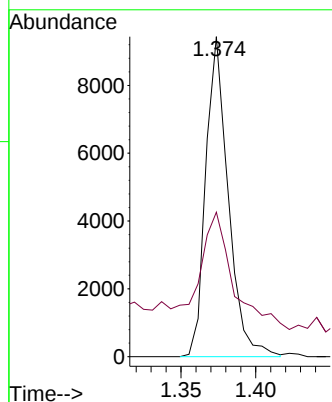
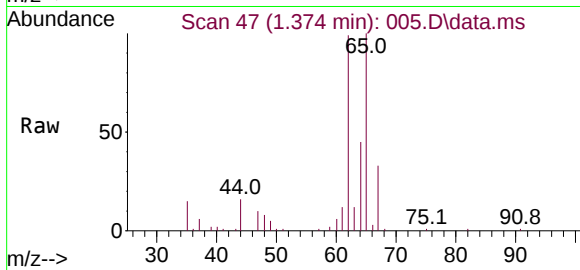




#5
 Vinyl chloride
 Concen: 2.652 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

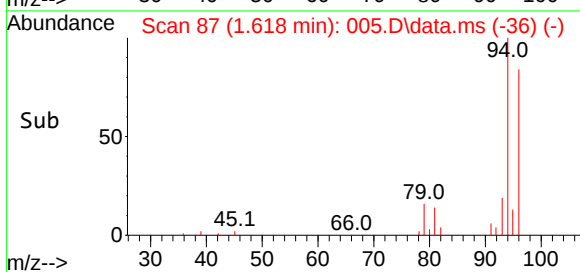
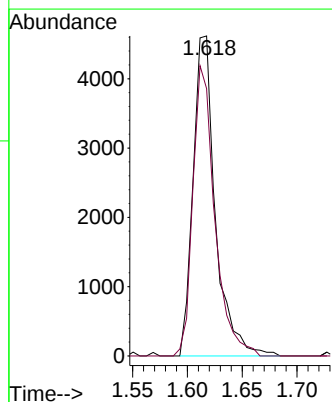
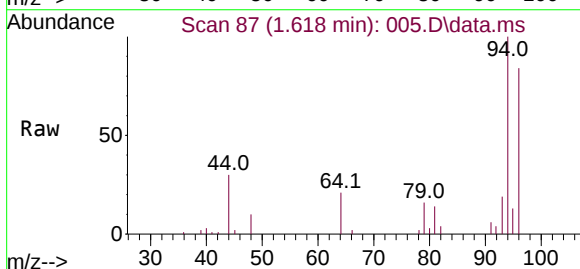
Instrument :
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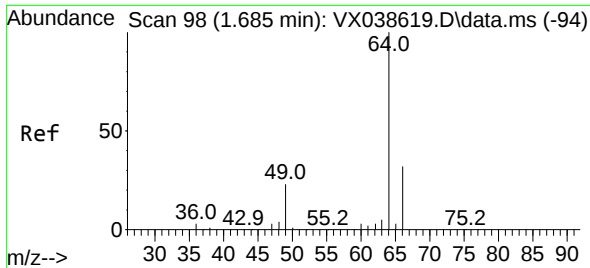
Tgt Ion: 62 Resp: 9870
 Ion Ratio Lower Upper
 62 100
 64 45.2 23.7 43.9#



#6
 Bromomethane
 Concen: 1.980 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 94 Resp: 6548
 Ion Ratio Lower Upper
 94 100
 96 83.6 65.4 121.4

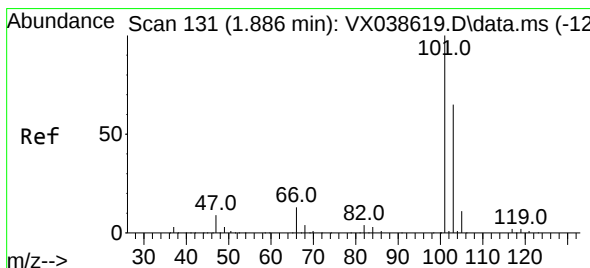
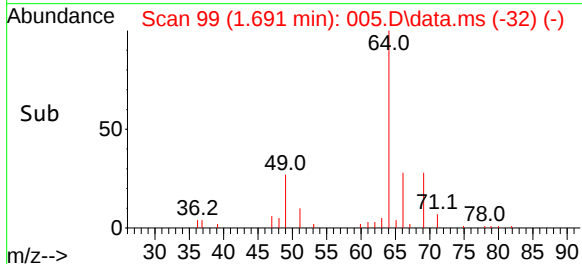
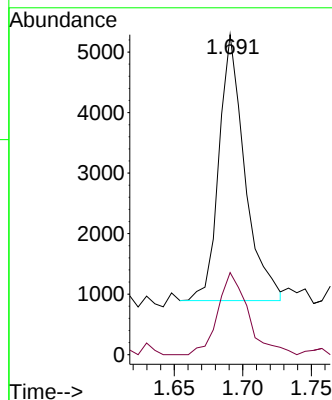
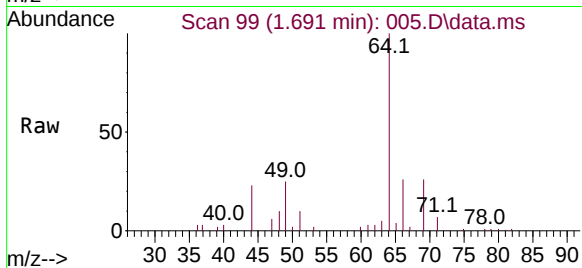




#8
Chloroethane
Concen: 2.255 ug/L
RT: 1.691 min Scan# 94
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

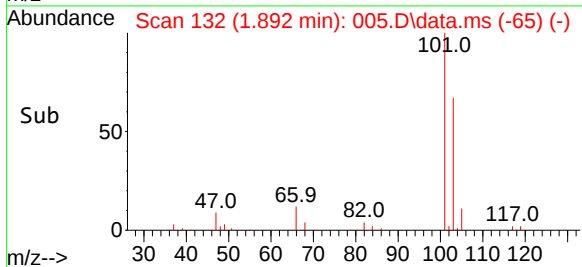
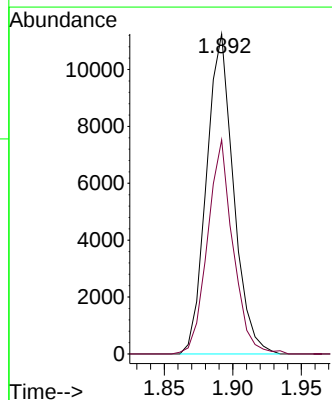
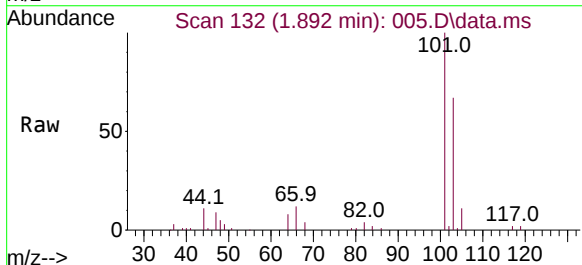
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MSVOA_X
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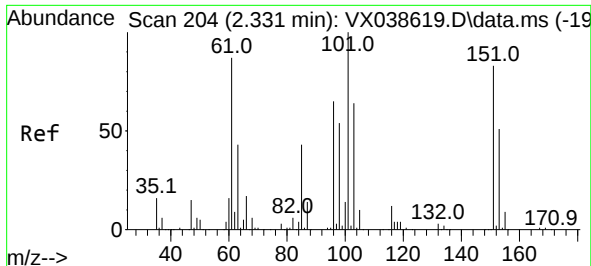
Tgt Ion: 64 Resp: 5768
Ion Ratio Lower Upper
64 100
66 25.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.581 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 101 Resp: 15465
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6

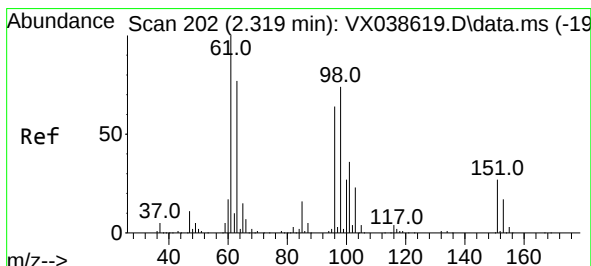
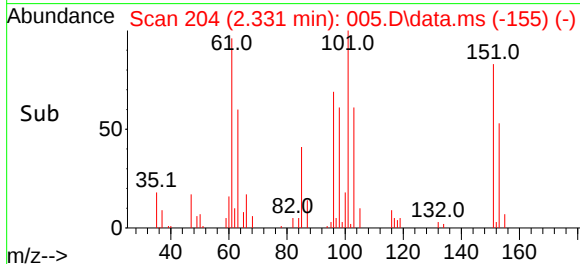
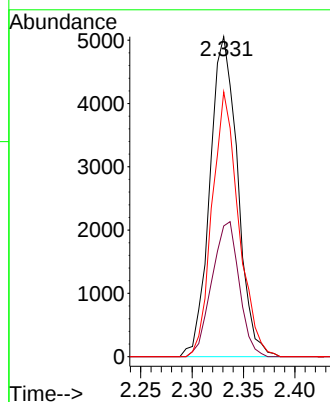
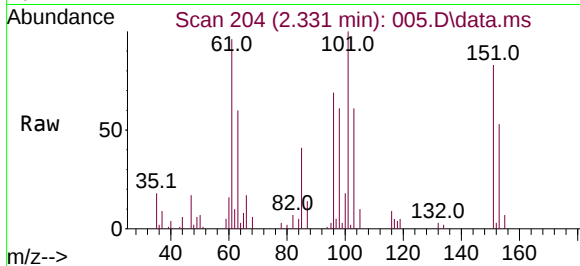




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.165 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

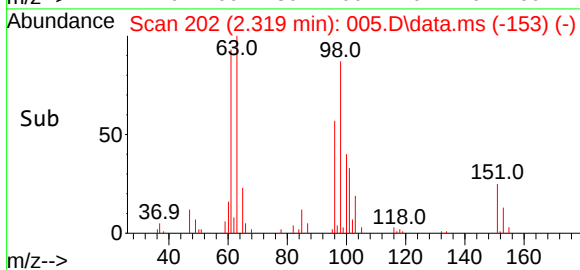
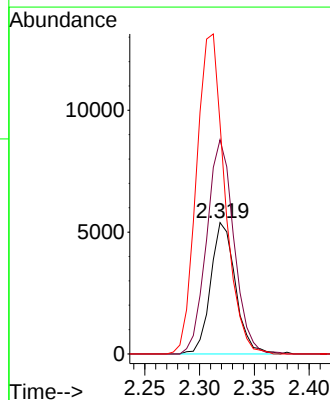
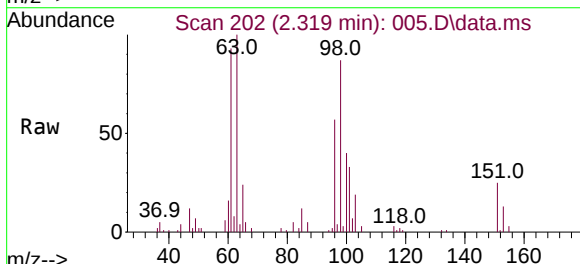
Instrument :
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 ClientSampleId :

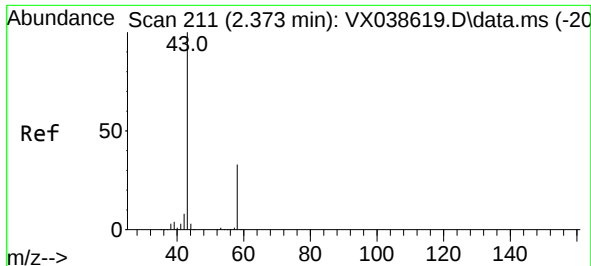
Tgt Ion:101	Resp:	9493
Ion	Ratio	Lower Upper
101	100	
85	41.4	34.3 51.5
151	78.9	65.8 98.8



#12
 1,1-Dichloroethene
 Concen: 2.990 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 96	Resp:	8490
Ion	Ratio	Lower Upper
96	100	
61	163.1	109.6 203.6
63	175.3	84.9 157.7





#13

Acetone

Concen: 6.117 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

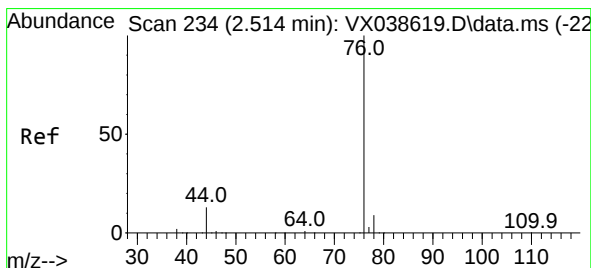
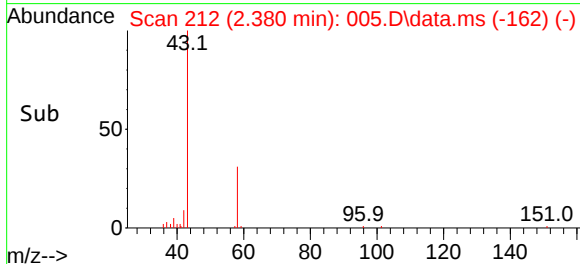
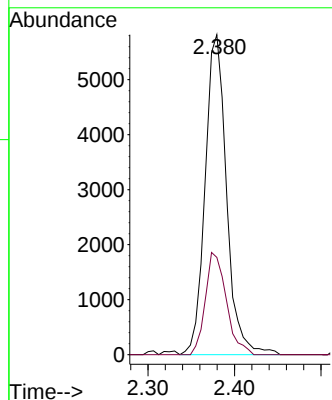
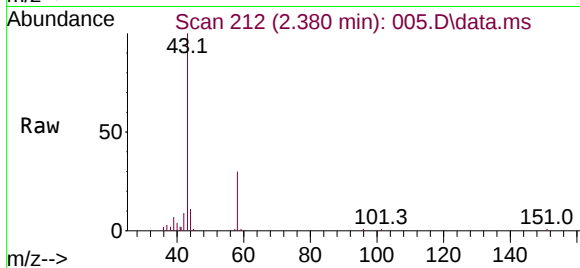
ClientSampleId :

Tgt Ion: 43 Resp: 9998

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.2



#14

Carbon disulfide

Concen: 2.953 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: 005.D

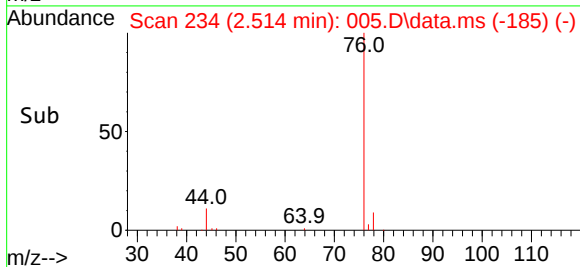
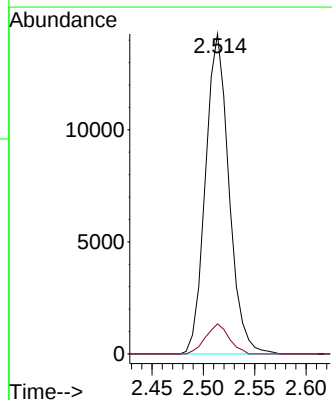
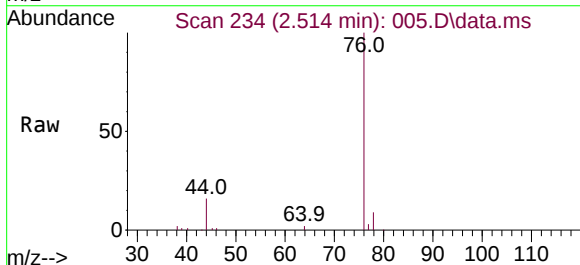
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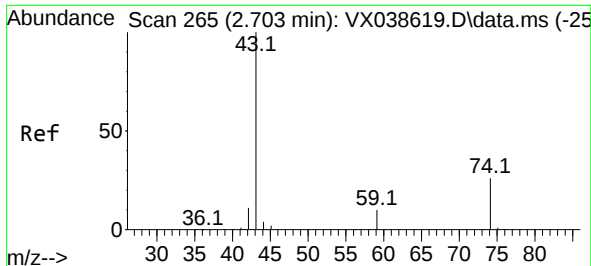
Tgt Ion: 76 Resp: 22701

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 3.013 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

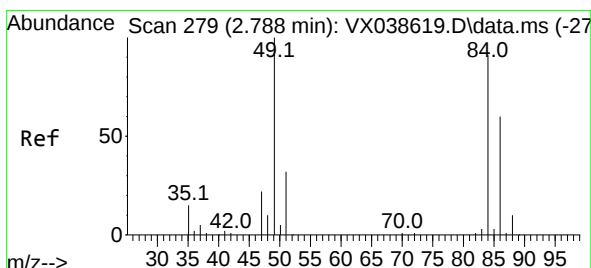
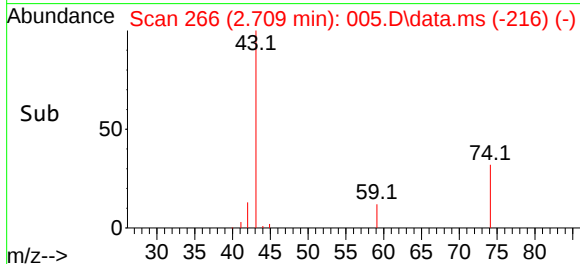
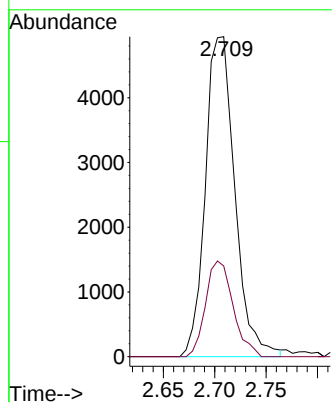
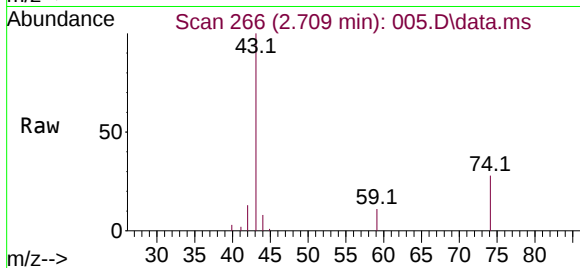
ClientSampleId :

Tgt Ion: 43 Resp: 9864

Ion Ratio Lower Upper

43 100

74 27.9 21.7 32.5



#16

Methylene chloride

Concen: 3.403 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

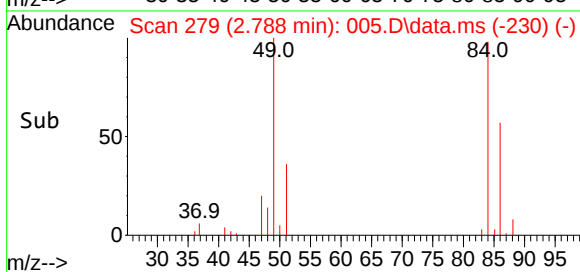
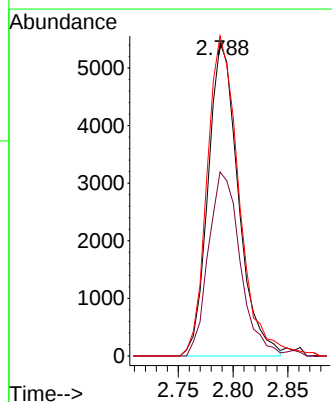
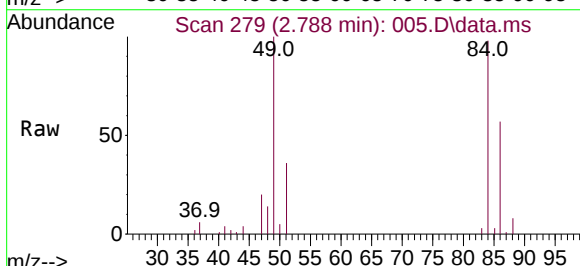
Tgt Ion: 84 Resp: 10434

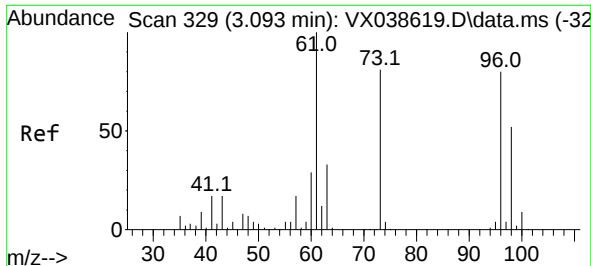
Ion Ratio Lower Upper

84 100

86 58.7 45.6 84.8

49 102.2 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 3.136 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :

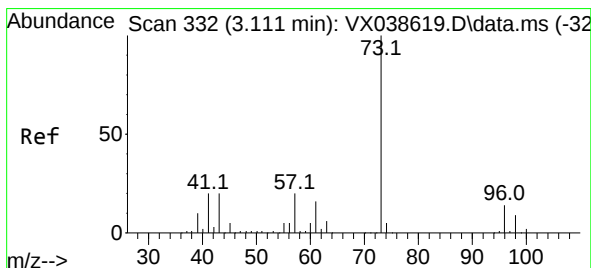
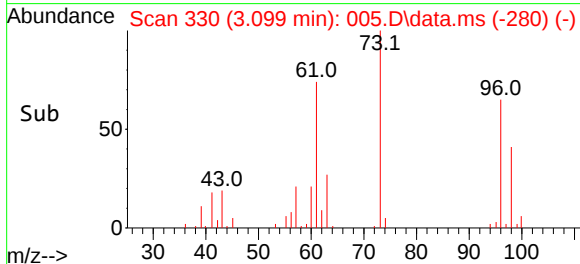
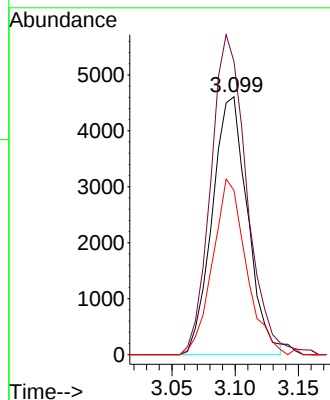
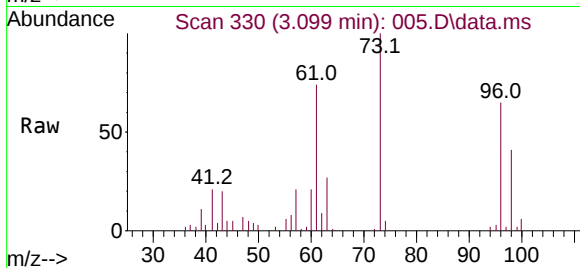
Tgt Ion: 96 Resp: 8936

Ion Ratio Lower Upper

96 100

61 113.8 87.1 161.7

98 63.7 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 2.862 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

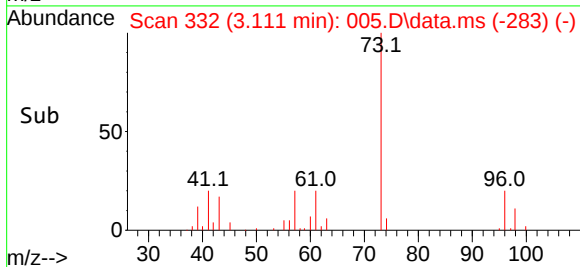
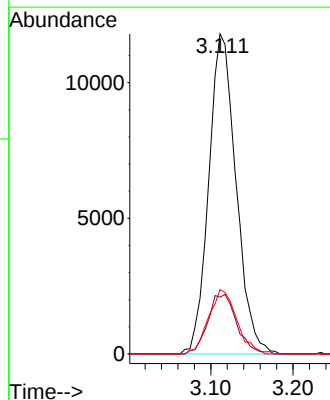
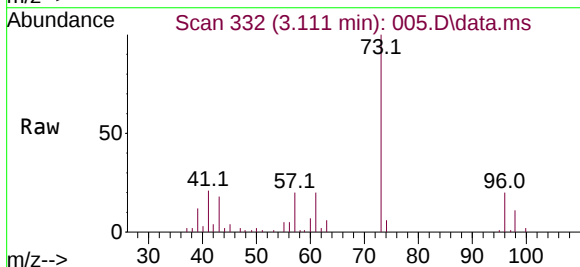
Tgt Ion: 73 Resp: 27250

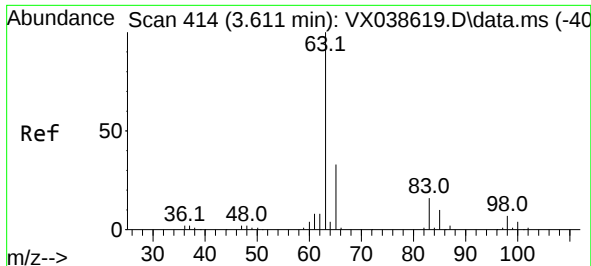
Ion Ratio Lower Upper

73 100

43 19.6 16.2 24.4

57 20.6 16.2 24.4





#19

1,1-Dichloroethane

Concen: 2.778 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :

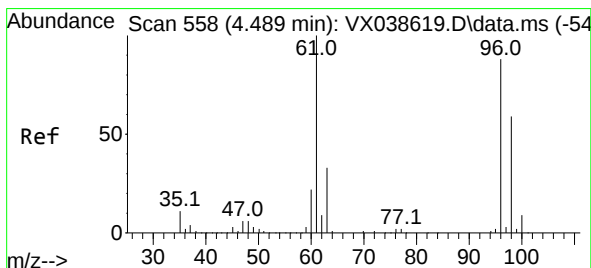
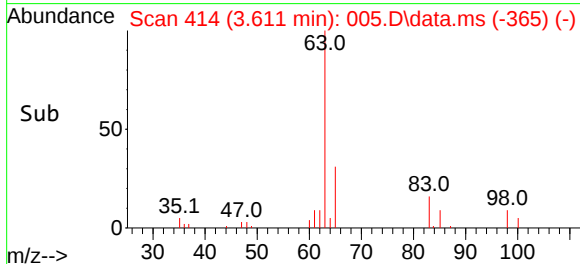
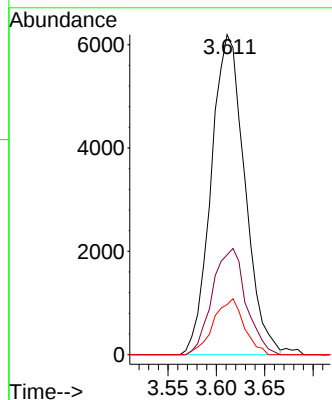
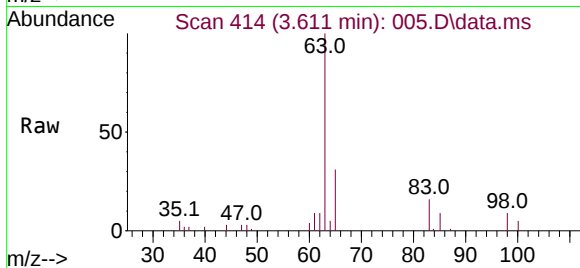
Tgt Ion: 63 Resp: 14958

Ion Ratio Lower Upper

63 100

65 31.2 22.8 42.4

83 15.6 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 3.039 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

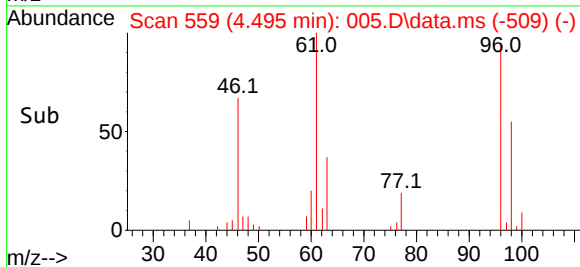
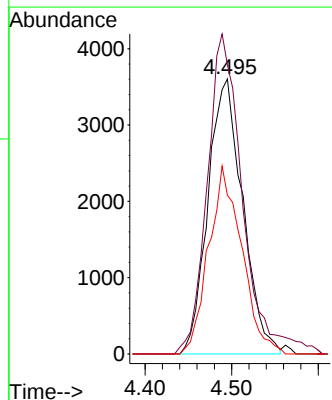
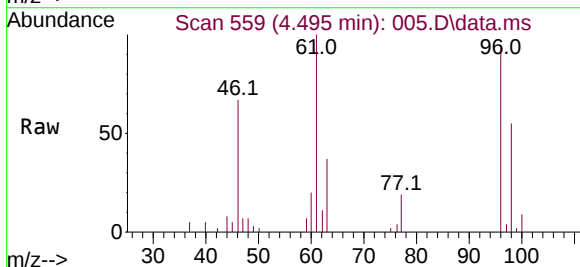
Tgt Ion: 96 Resp: 10049

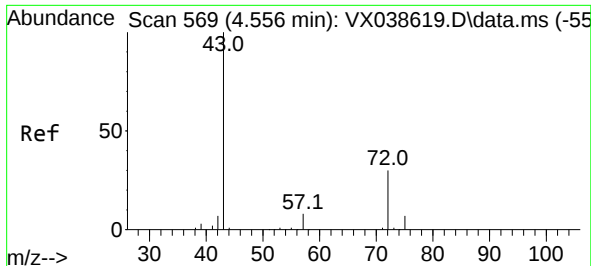
Ion Ratio Lower Upper

96 100

61 105.1 79.4 147.4

98 57.7 46.5 86.5

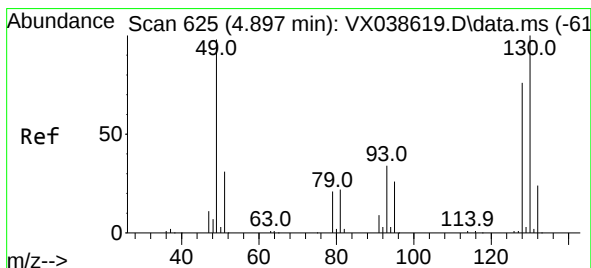
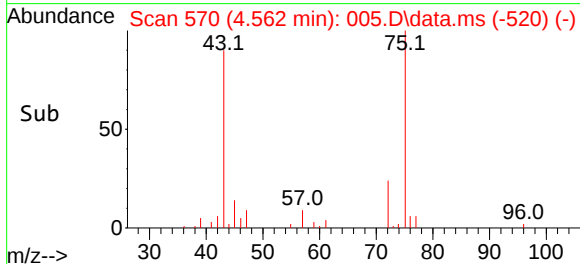
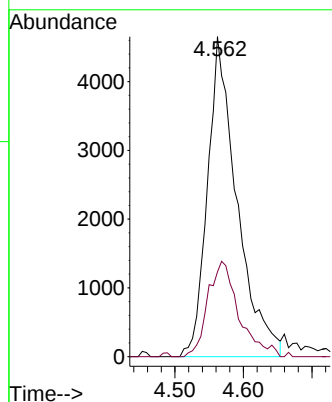
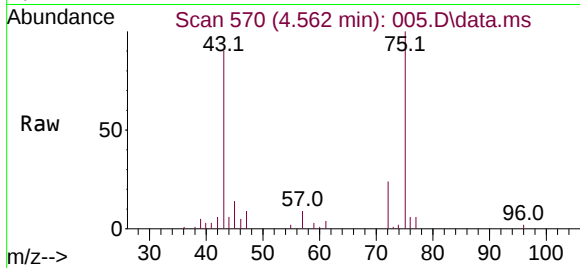




#22
2-Butanone
Concen: 5.797 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

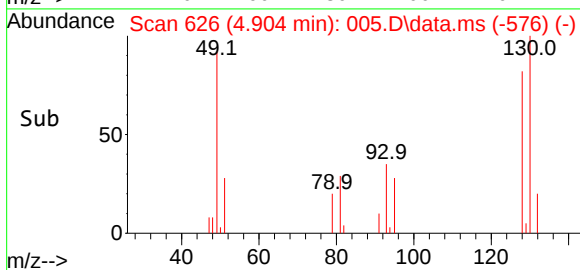
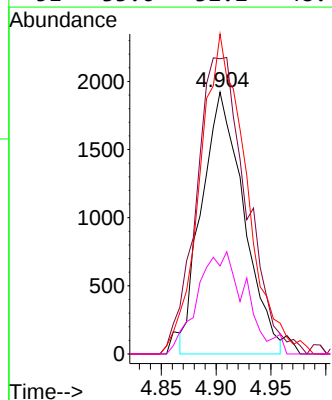
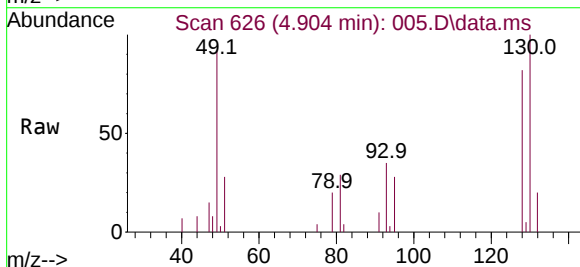
Instrument :
MSVOA_X
ClientSampleId :

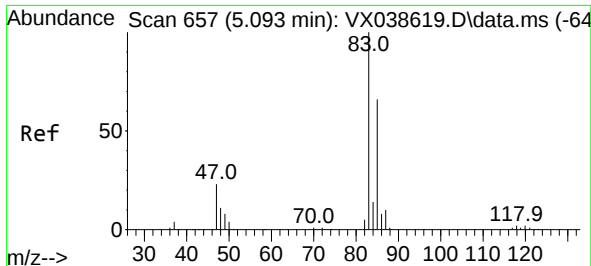
Tgt Ion: 43 Resp: 13899
Ion Ratio Lower Upper
43 100
72 30.6 14.9 44.5



#23
Bromochloromethane
Concen: 3.076 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 128 Resp: 5104
Ion Ratio Lower Upper
128 100
49 112.8 90.9 168.9
130 122.2 92.5 171.7
51 33.6 32.2 48.4





#25

Chloroform

Concen: 3.053 ug/L

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

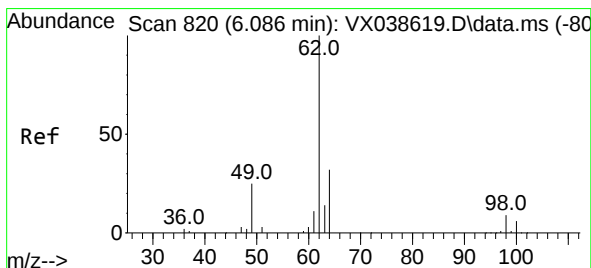
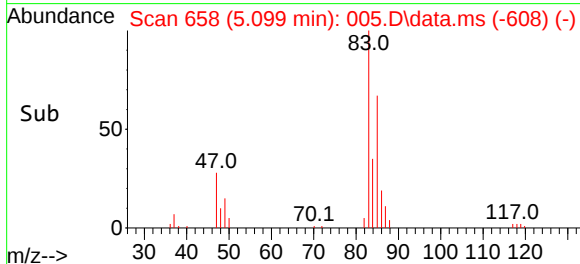
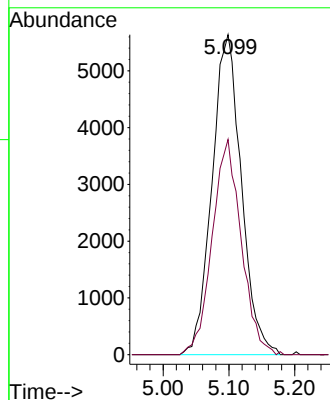
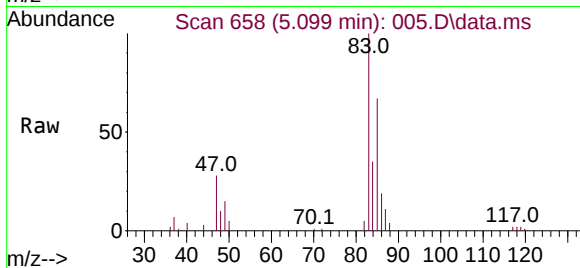
ClientSampleId :

Tgt Ion: 83 Resp: 17517

Ion Ratio Lower Upper

83 100

85 67.3 46.3 86.1



#27

1,2-Dichloroethane

Concen: 2.906 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.012 min

Lab File: 005.D

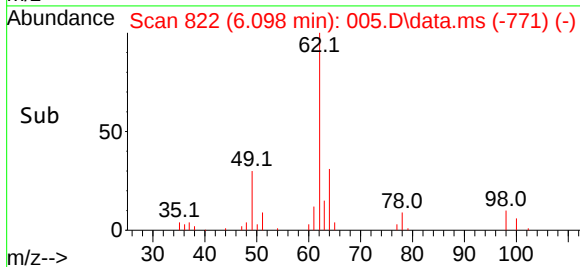
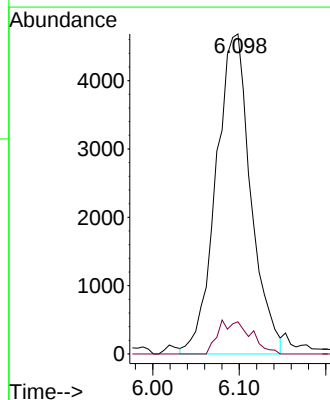
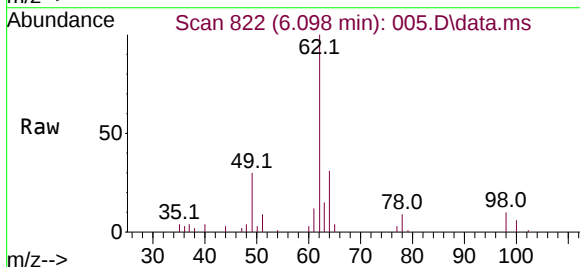
Acq: 27 Oct 2023 21:37

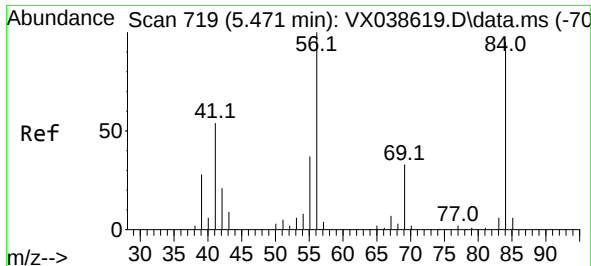
Tgt Ion: 62 Resp: 13081

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 2.548 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

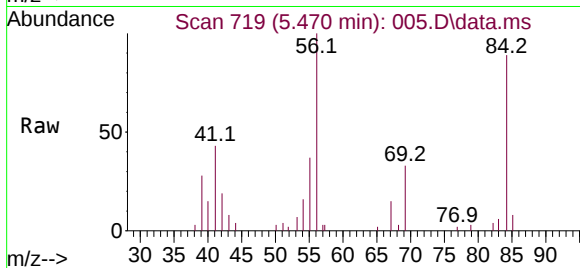
Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :



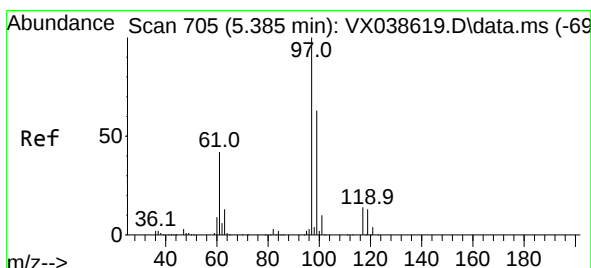
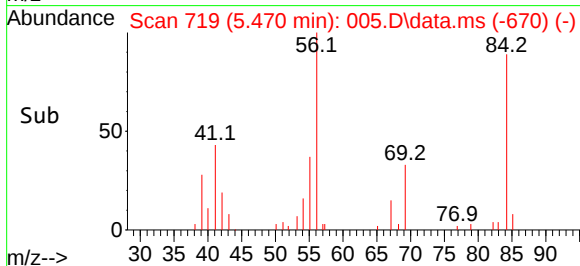
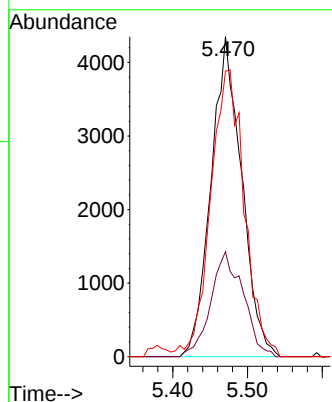
Tgt Ion: 56 Resp: 12396

Ion Ratio Lower Upper

56 100

69 24.4 26.9 40.3#

84 98.2 77.6 116.4



#30

1,1,1-Trichloroethane

Concen: 2.779 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

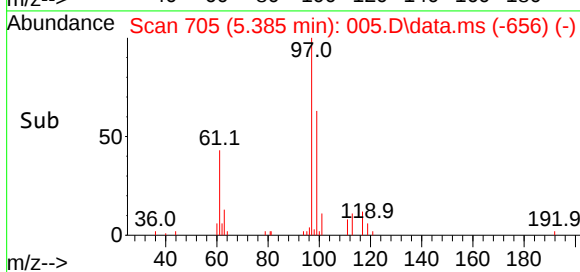
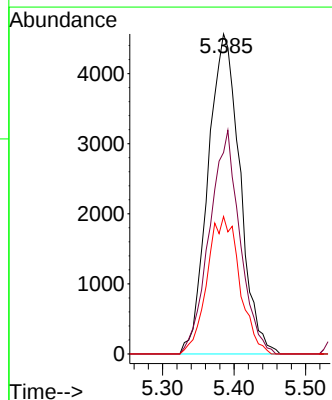
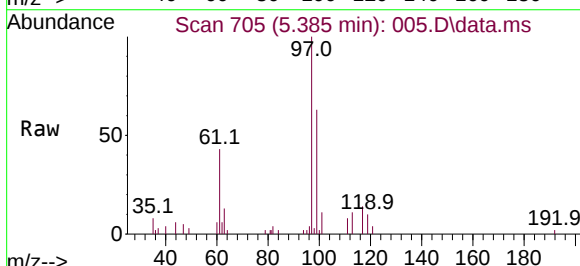
Tgt Ion: 97 Resp: 14113

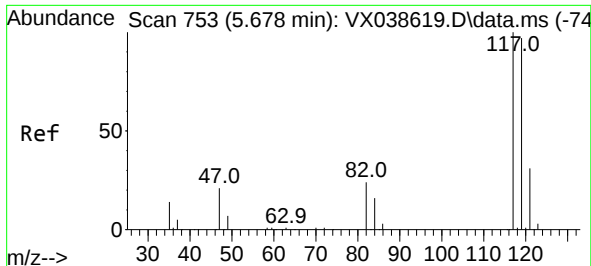
Ion Ratio Lower Upper

97 100

99 66.8 52.1 78.1

61 43.9 33.2 49.8

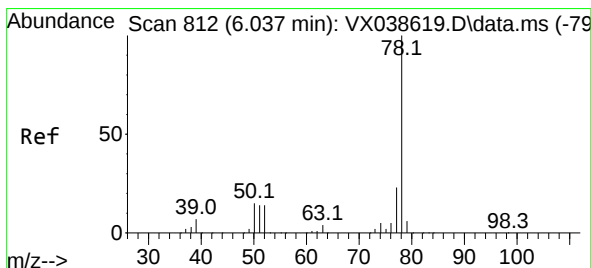
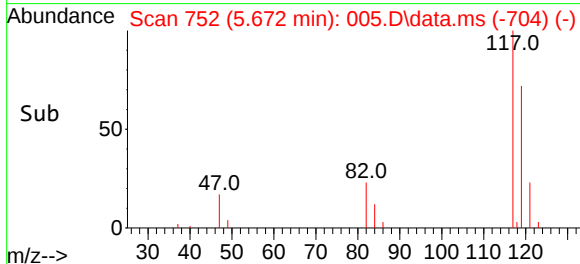
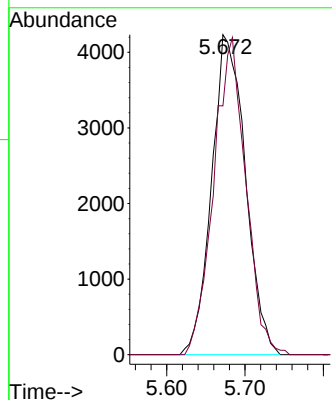
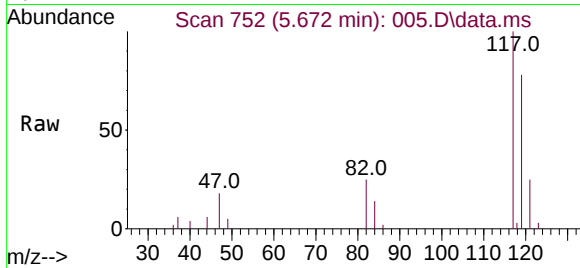




#31
Carbon tetrachloride
Concen: 2.913 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

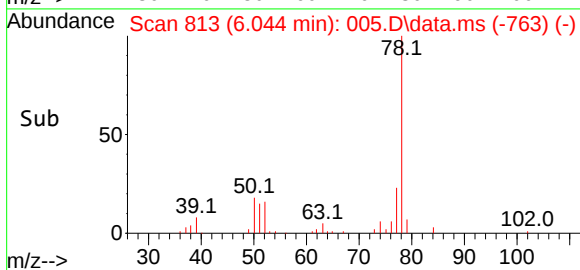
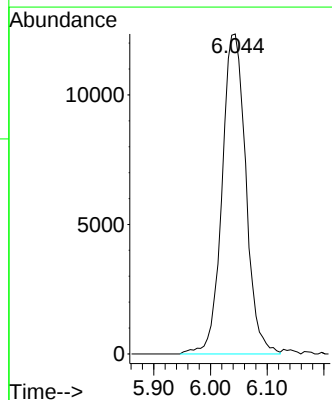
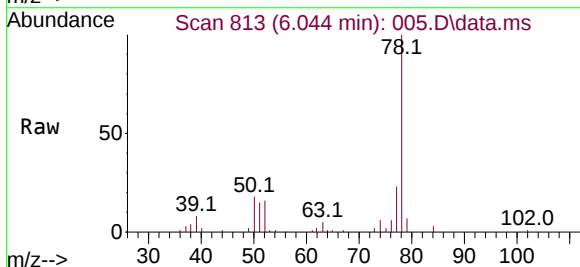
Instrument :
MSVOA_X
ClientSampleId :

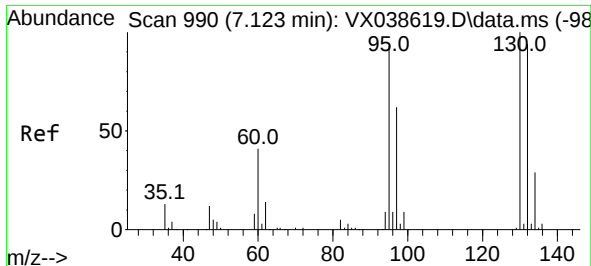
Tgt Ion:117 Resp: 12656
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9



#33
Benzene
Concen: 2.890 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 78 Resp: 36025

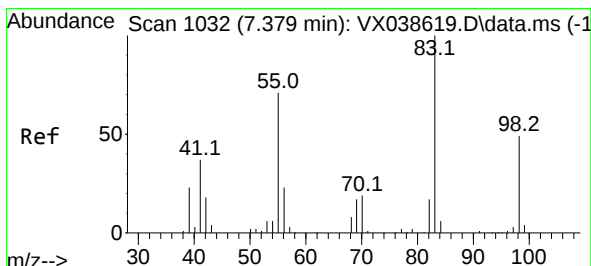
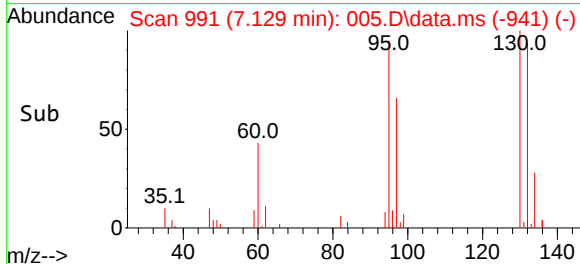
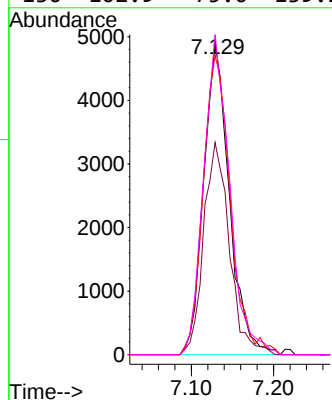
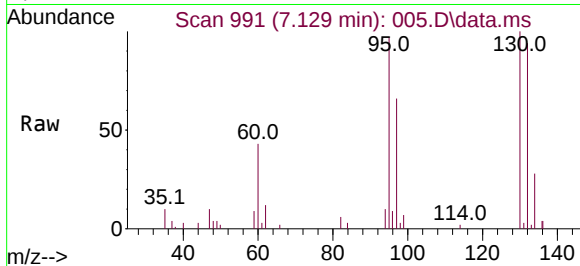




#34
 Trichloroethene
 Concen: 3.058 ug/L
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

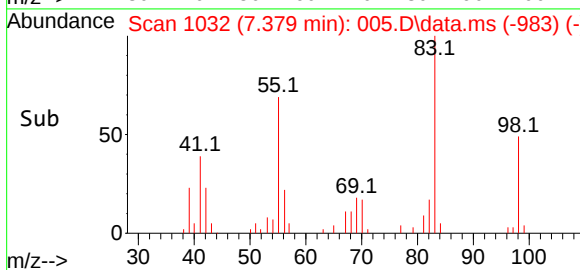
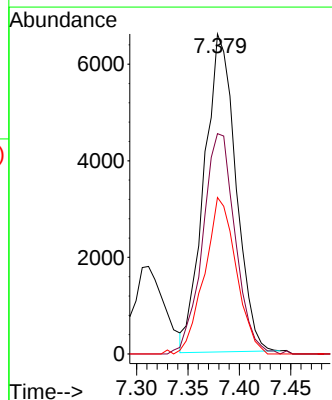
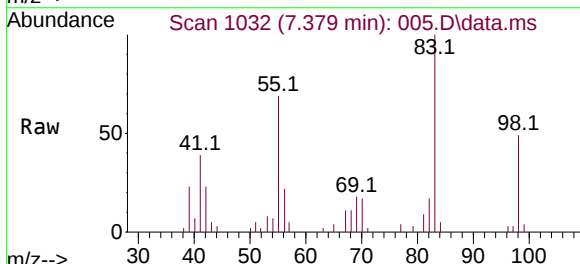
Instrument :
 MSVOA_X
 ClientSampleId :

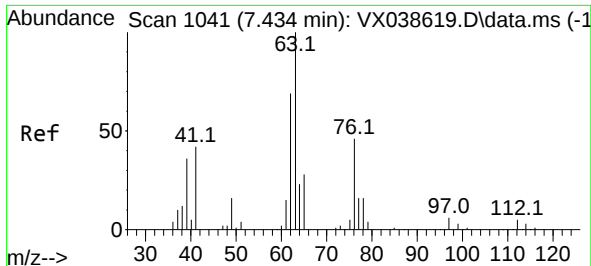
Tgt Ion: 95 Resp: 10614
 Ion Ratio Lower Upper
 95 100
 97 68.2 46.3 86.1
 132 96.3 70.7 131.3
 130 102.9 75.0 139.2



#35
 Methylcyclohexane
 Concen: 2.696 ug/L
 RT: 7.379 min Scan# 1032
 Delta R.T. -0.000 min
 Lab File: 005.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 83 Resp: 14100
 Ion Ratio Lower Upper
 83 100
 55 71.4 54.3 81.5
 98 49.1 39.1 58.7





#37

1,2-Dichloropropane

Concen: 2.707 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

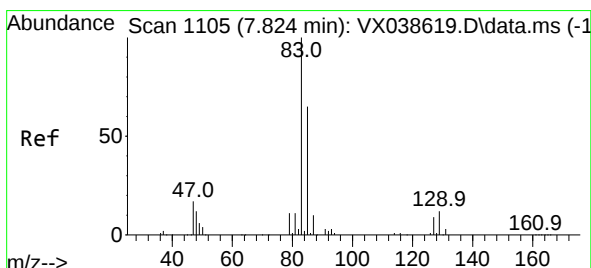
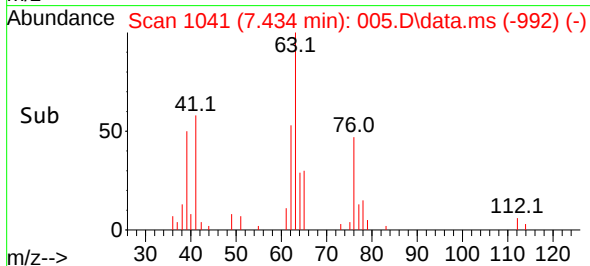
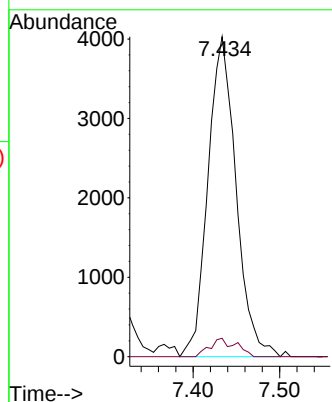
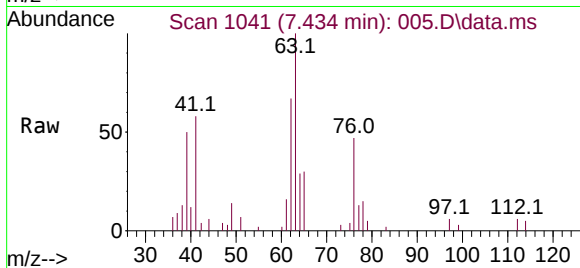
ClientSampleId :

Tgt Ion: 63 Resp: 9088

Ion Ratio Lower Upper

63 100

112 3.5 3.6 5.4#



#38

Bromodichloromethane

Concen: 2.619 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

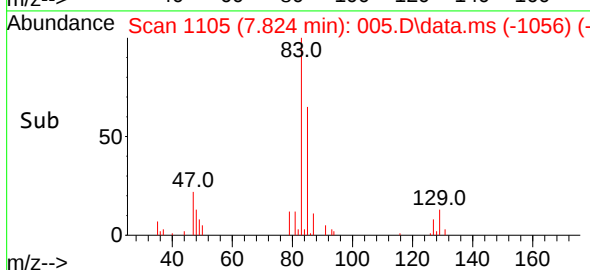
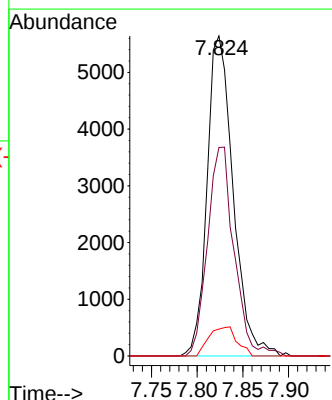
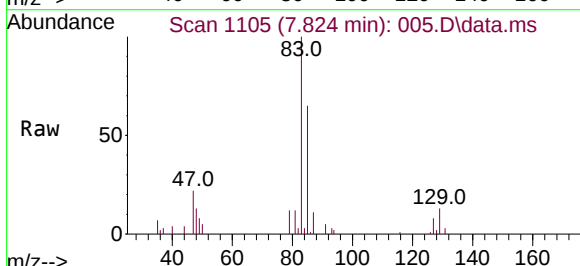
Tgt Ion: 83 Resp: 11190

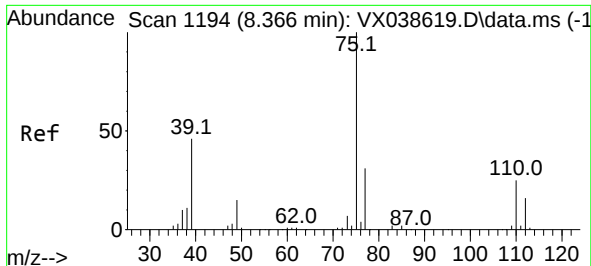
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 8.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 2.266 ug/L

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

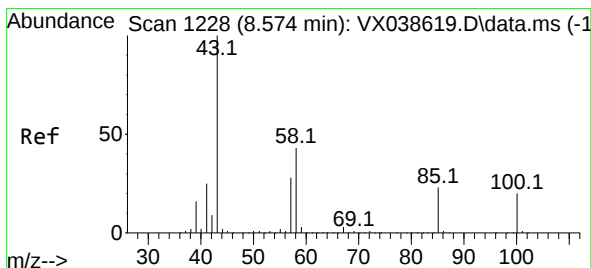
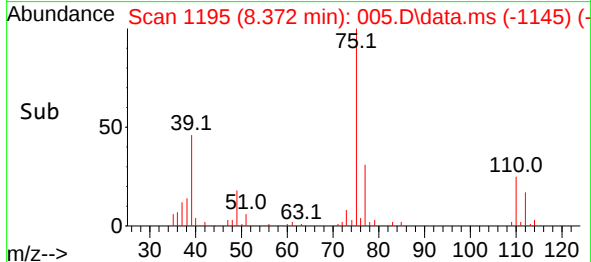
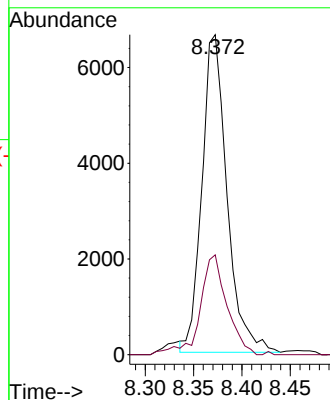
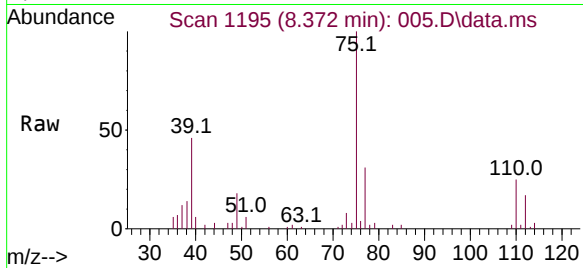
ClientSampleId :

Tgt Ion: 75 Resp: 11984

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 5.340 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

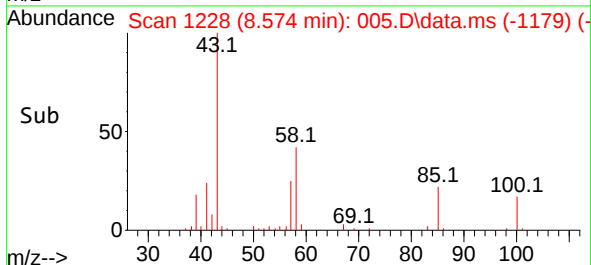
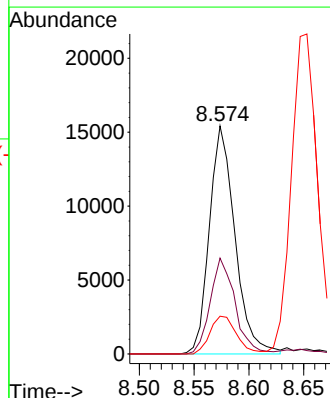
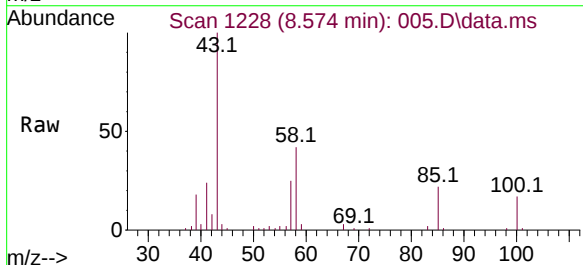
Tgt Ion: 43 Resp: 25088

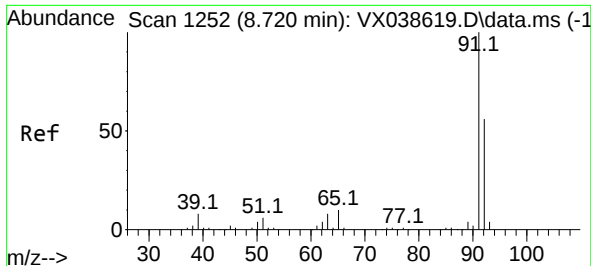
Ion Ratio Lower Upper

43 100

58 40.8 33.9 50.9

100 17.2 15.0 22.6





#42

Toluene

Concen: 2.926 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

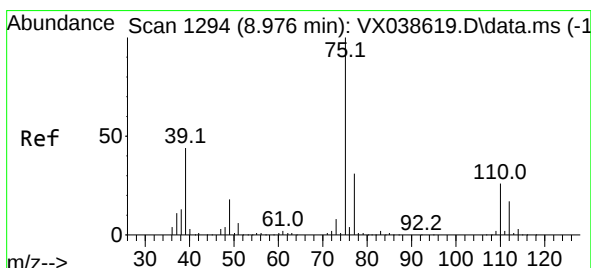
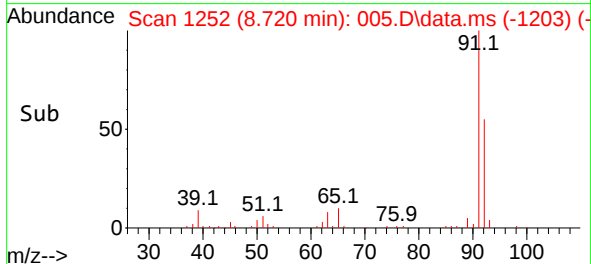
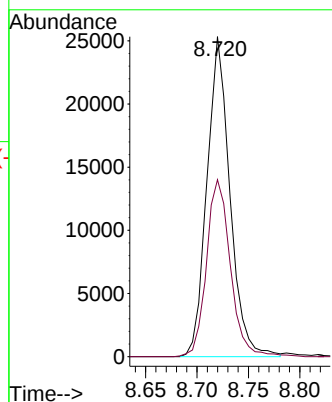
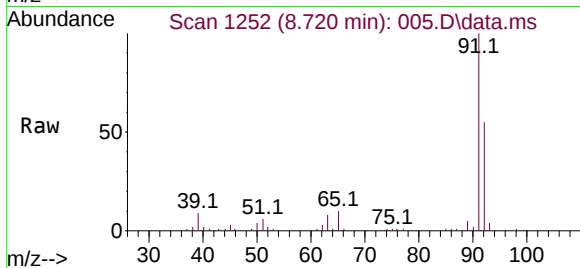
ClientSampleId :

Tgt Ion: 91 Resp: 39387

Ion Ratio Lower Upper

91 100

92 55.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.114 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: 005.D

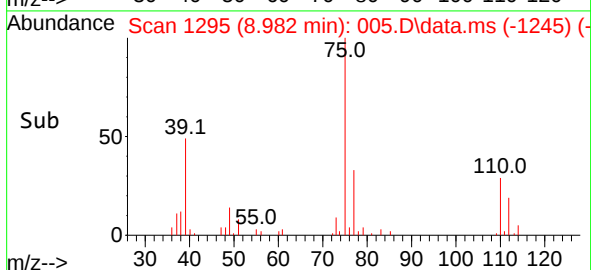
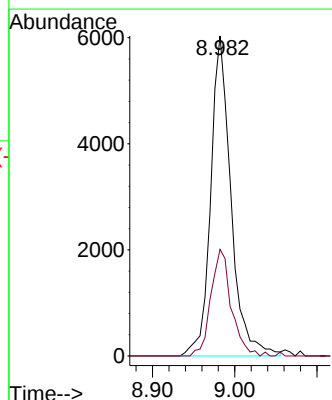
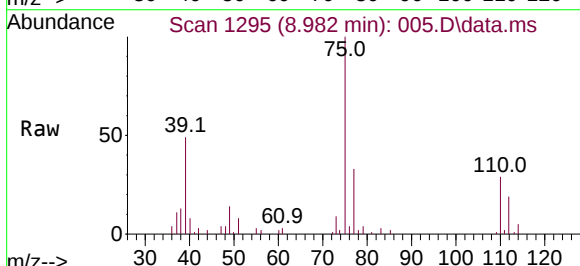
Acq: 27 Oct 2023 21:37

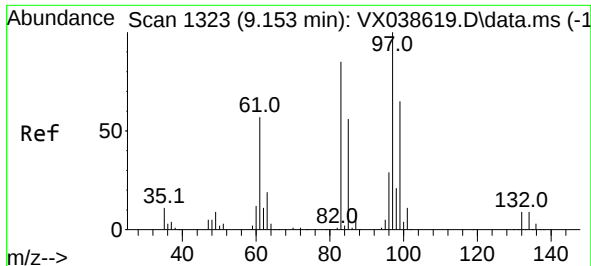
Tgt Ion: 75 Resp: 10328

Ion Ratio Lower Upper

75 100

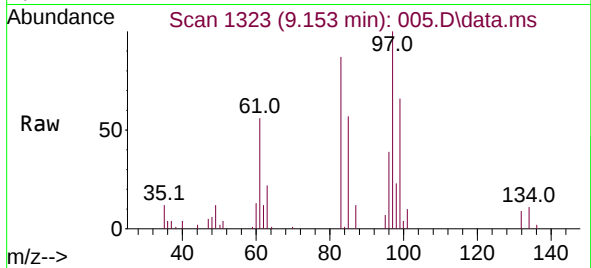
77 33.3 21.4 39.8



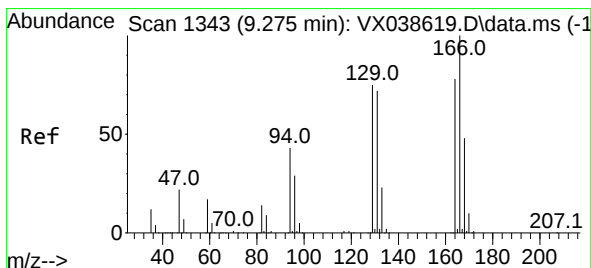
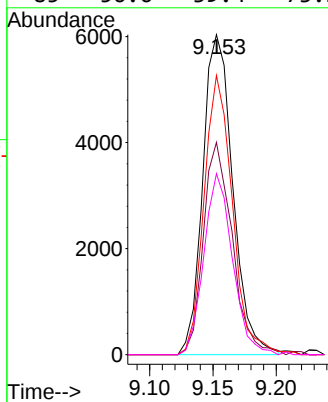
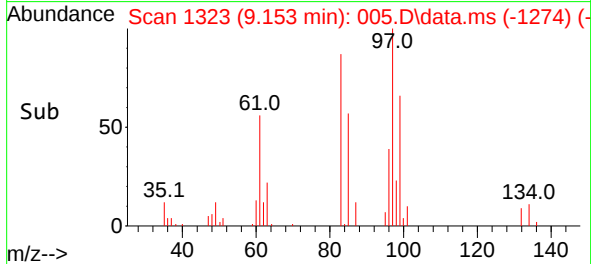


#45
1,1,2-Trichloroethane
Concen: 3.039 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

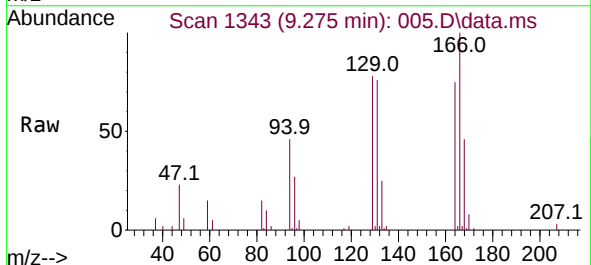
Instrument :
MSVOA_X
ClientSampleId :



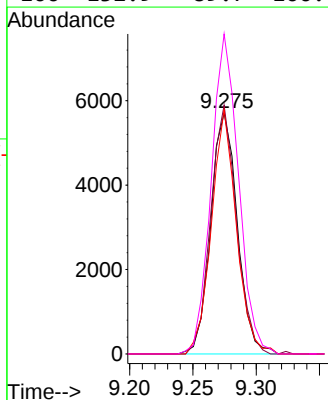
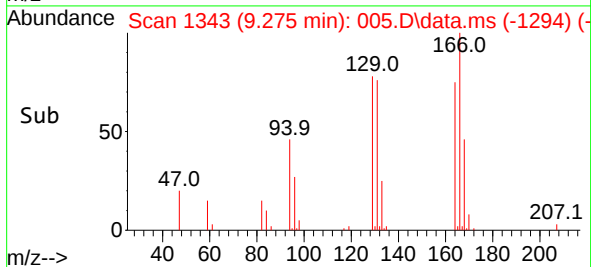
Tgt Ion: 97	Resp: 9960
Ion Ratio	Lower Upper
97 100	
99 66.4	45.7 84.9
83 87.3	59.8 111.0
85 56.6	39.4 73.2

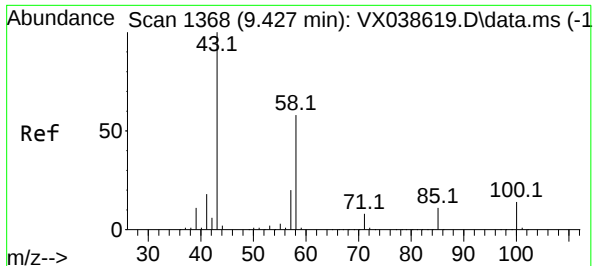


#46
Tetrachloroethene
Concen: 3.239 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37



Tgt	Ion:164	Resp:	8336
Ion	Ratio	Lower	Upper
164	100		
129	103.3	67.5	125.4
131	101.4	64.5	119.9
166	132.9	89.7	166.7





#48

2-Hexanone

Concen: 5.637 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.006 min

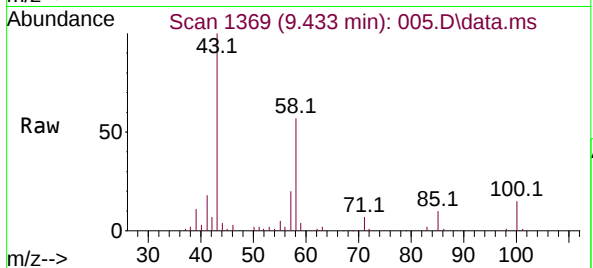
Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 20735

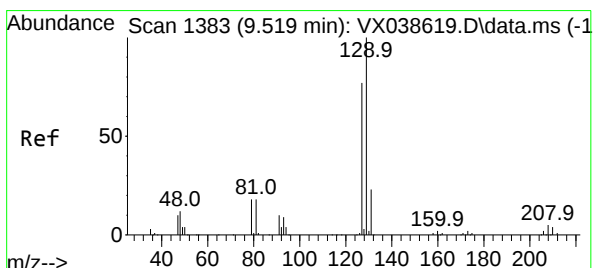
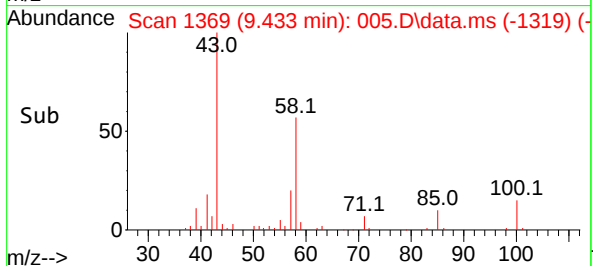
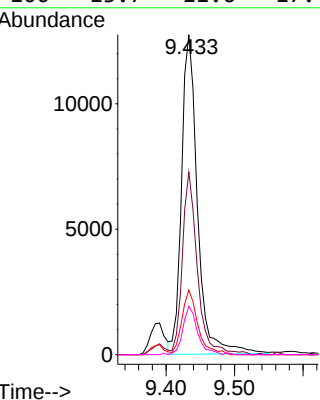
Ion Ratio Lower Upper

43 100

58 49.0 46.6 69.8

57 20.0 16.6 24.8

100 13.7 11.6 17.4



#49

Dibromochloromethane

Concen: 2.768 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: 005.D

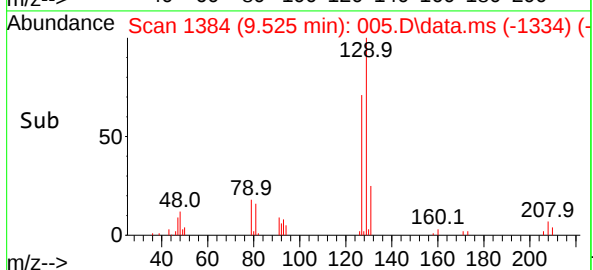
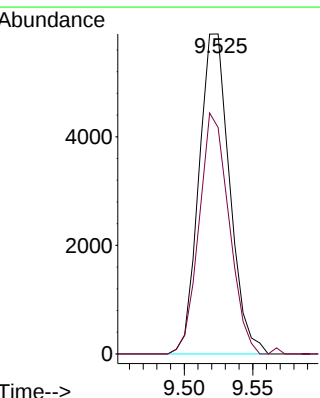
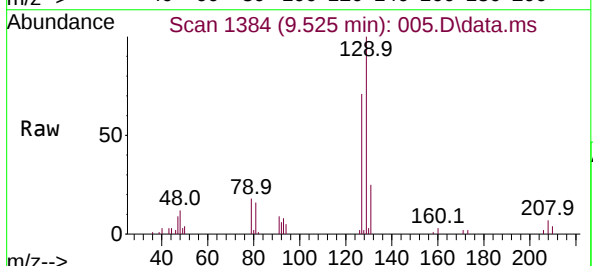
Acq: 27 Oct 2023 21:37

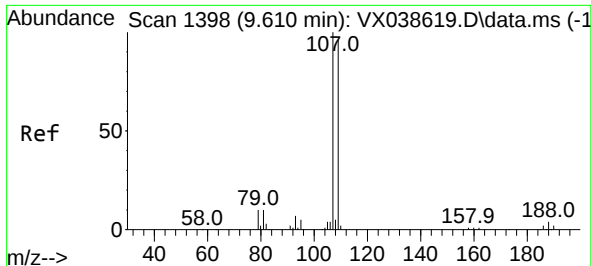
Tgt Ion: 129 Resp: 9190

Ion Ratio Lower Upper

129 100

127 70.7 54.2 100.6





#50

1,2-Dibromoethane

Concen: 2.938 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: 005.D

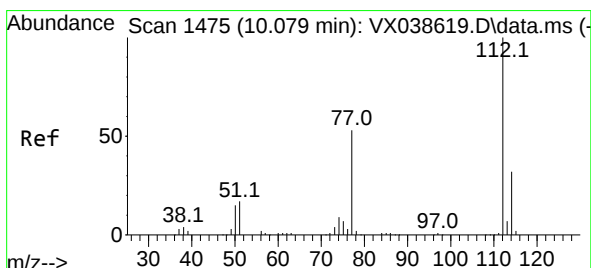
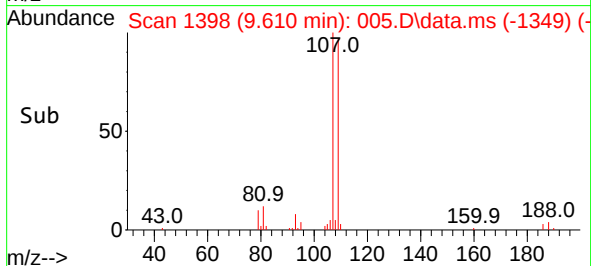
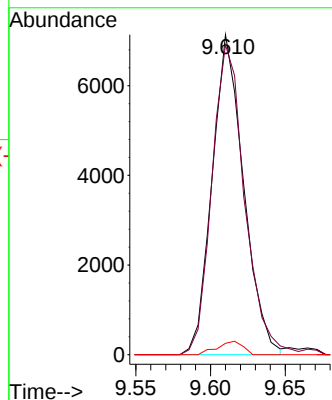
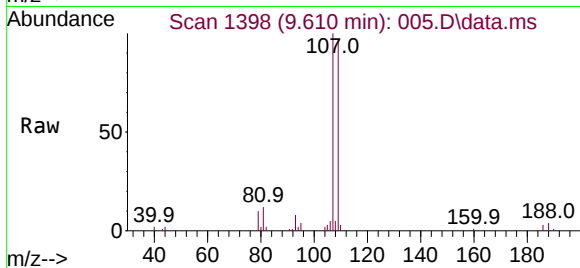
Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	10441
Ion	Ratio	Lower	Upper
107	100		
109	96.9	66.9	124.3
188	3.5	3.0	4.4



#51

Chlorobenzene

Concen: 3.244 ug/L

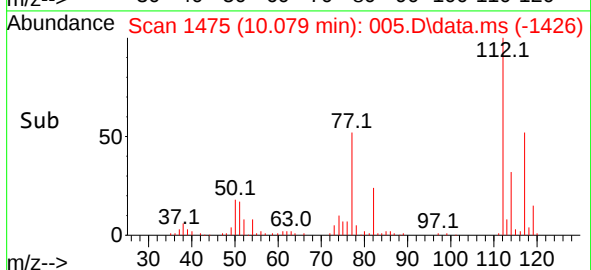
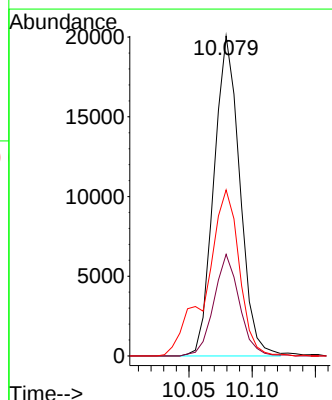
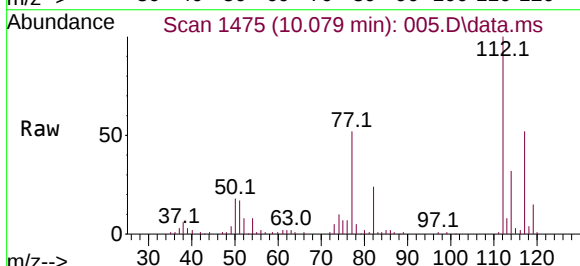
RT: 10.079 min Scan# 1475

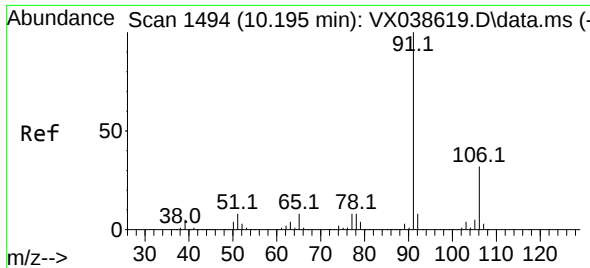
Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	112	Resp:	28556
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	51.9	43.1	64.7

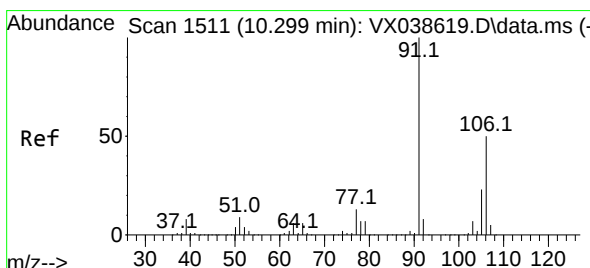
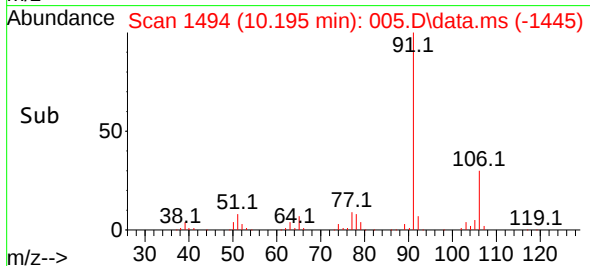
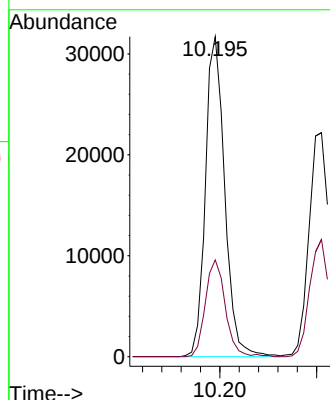
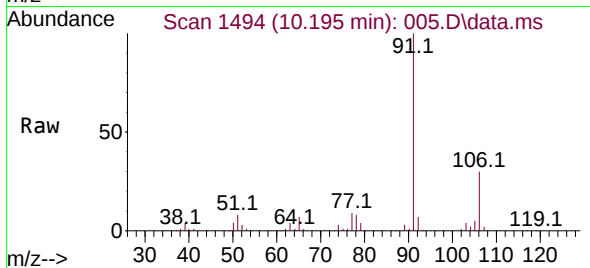




#52
Ethylbenzene
Concen: 2.950 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

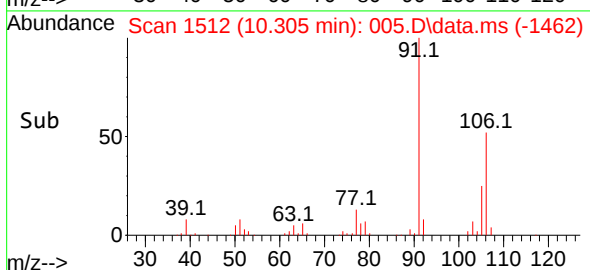
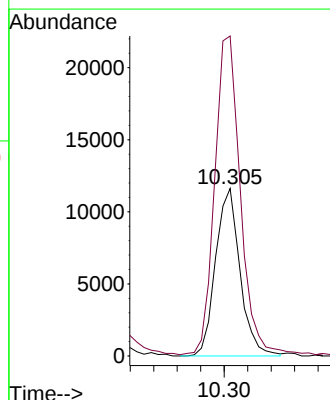
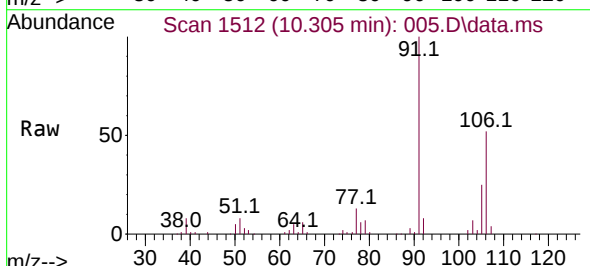
Instrument :
MSVOA_X
ClientSampleId :

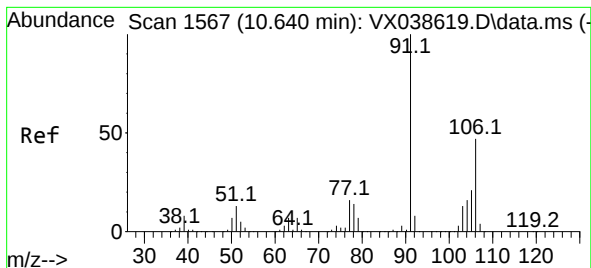
Tgt Ion: 91 Resp: 44070
Ion Ratio Lower Upper
91 100
106 30.3 22.7 42.1



#53
m,p-Xylene
Concen: 2.928 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 106 Resp: 16798
Ion Ratio Lower Upper
106 100
91 191.0 141.2 262.2





#54

o-Xylene

Concen: 2.821 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

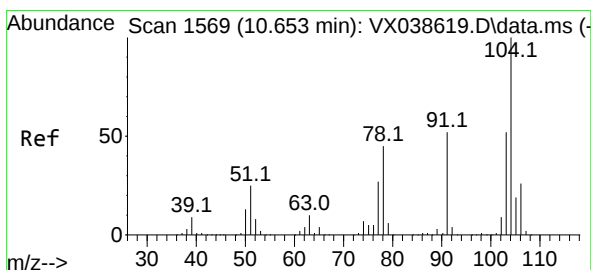
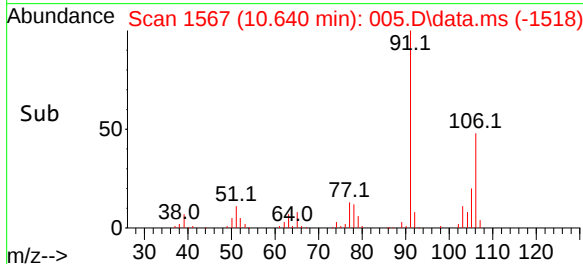
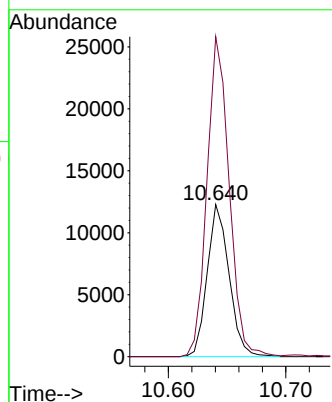
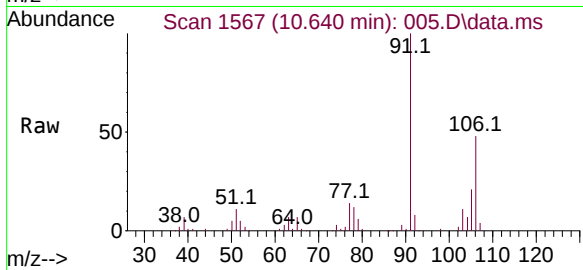
ClientSampleId :

Tgt Ion:106 Resp: 15893

Ion Ratio Lower Upper

106 100

91 210.3 149.0 276.8



#55

Styrene

Concen: 2.749 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: 005.D

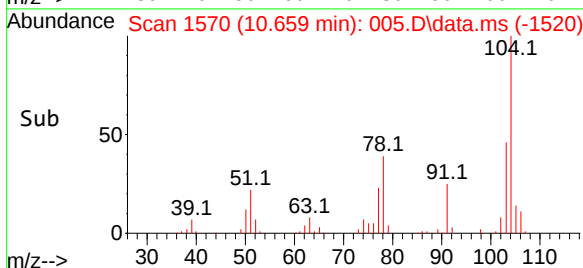
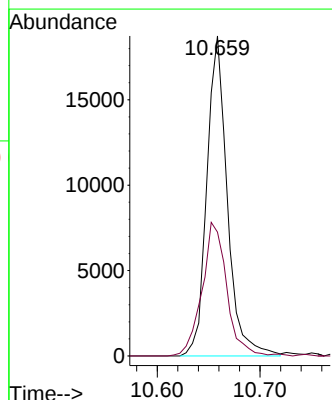
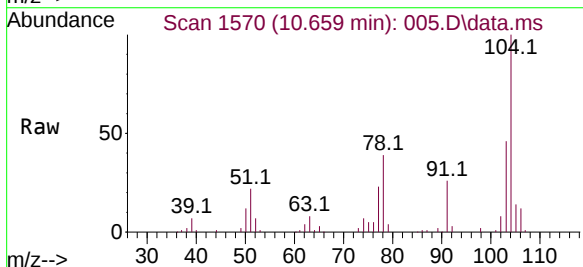
Acq: 27 Oct 2023 21:37

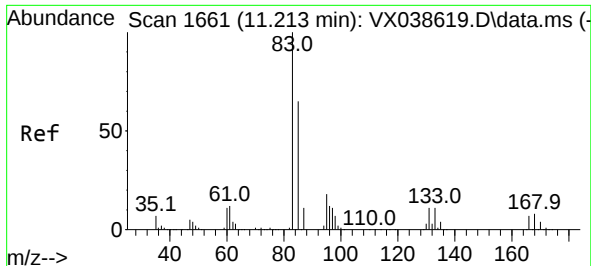
Tgt Ion:104 Resp: 25937

Ion Ratio Lower Upper

104 100

78 38.7 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 3.205 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: 005.D

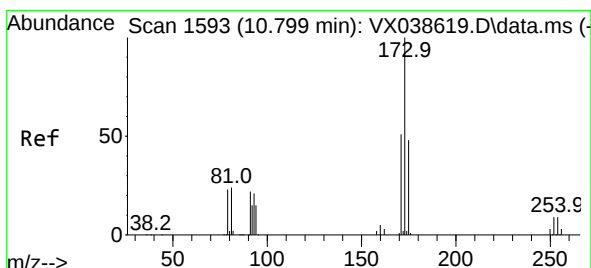
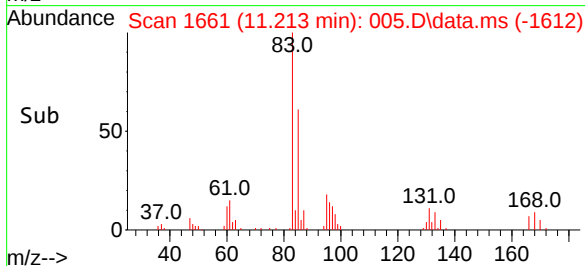
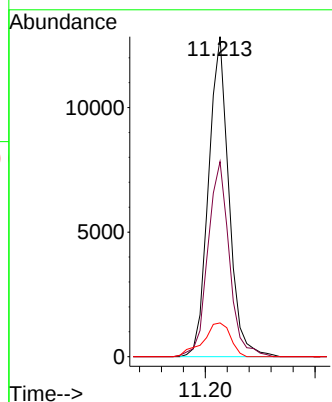
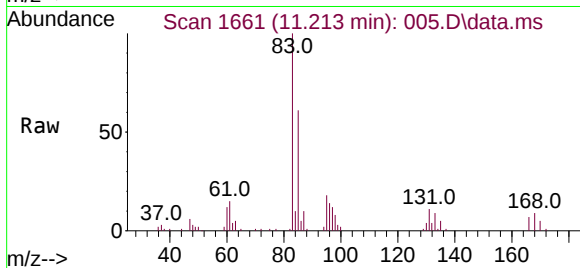
Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	83	Resp:	16564
Ion	Ratio	Lower	Upper
83	100		
85	61.0	45.4	84.4
131	10.5	8.8	13.2



#59

Bromoform

Concen: 2.619 ug/L

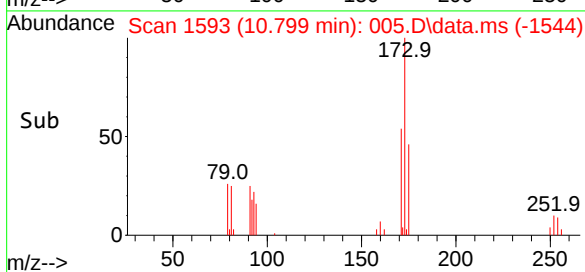
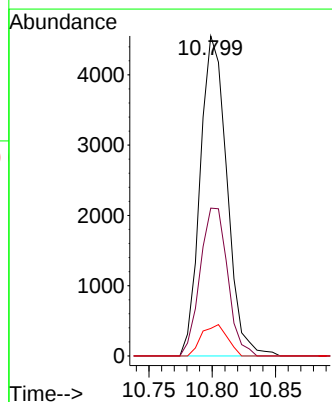
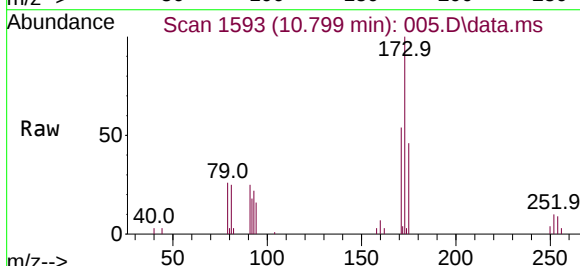
RT: 10.799 min Scan# 1593

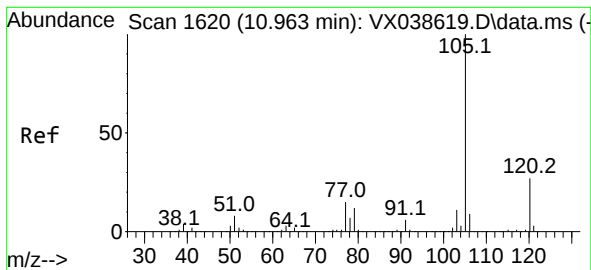
Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	173	Resp:	6699
Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.0	58.6
254	9.4	7.6	11.4





#60

Isopropylbenzene

Concen: 2.724 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: 005.D

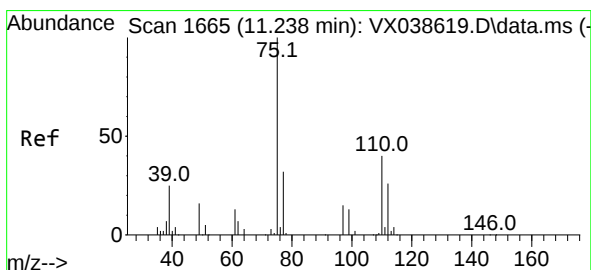
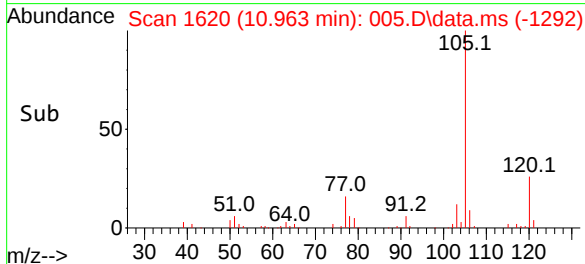
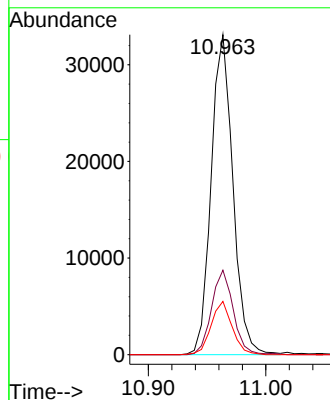
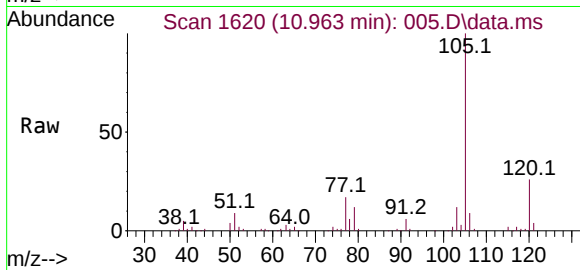
Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	105	Resp:	42610
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.6	32.4
77	16.1	12.1	18.1



#61

1,2,3-Trichloropropane

Concen: 3.002 ug/L

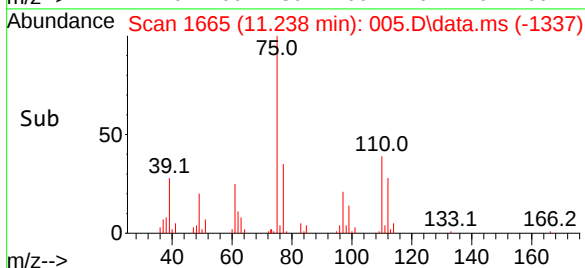
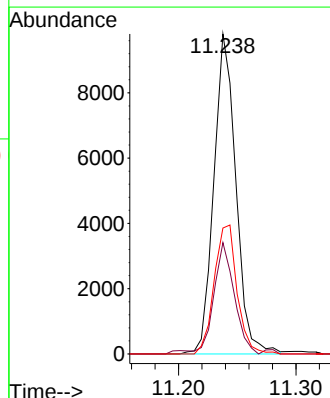
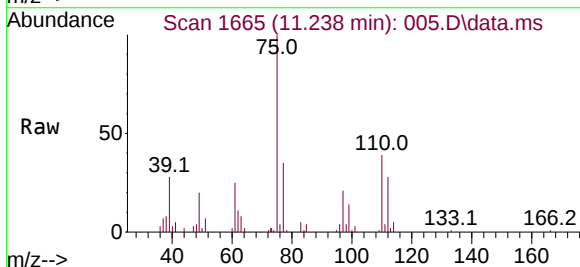
RT: 11.238 min Scan# 1665

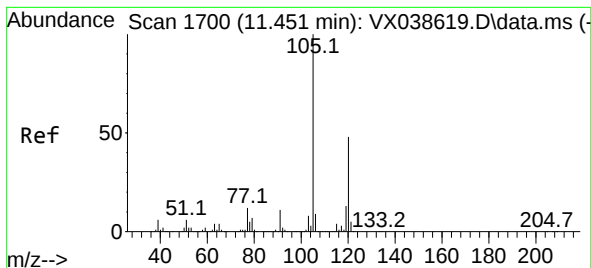
Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	75	Resp:	12788
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
110	41.8	33.6	50.4





#62

1,3,5-Trimethylbenzene

Concen: 2.632 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

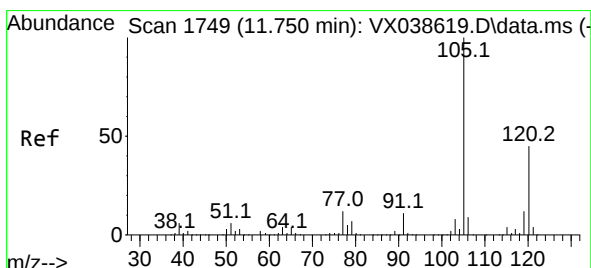
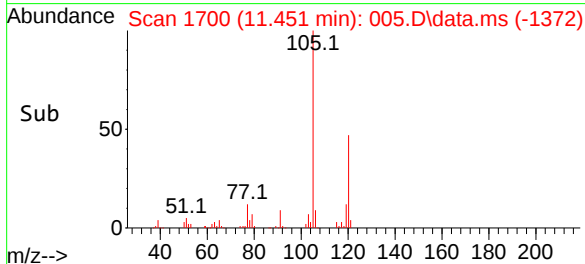
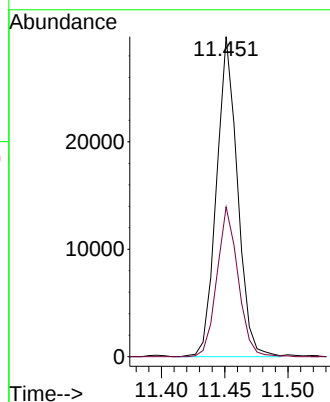
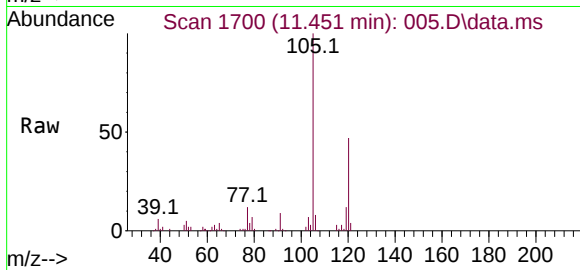
ClientSampleId :

Tgt Ion:105 Resp: 34325

Ion Ratio Lower Upper

105 100

120 47.1 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 2.492 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: 005.D

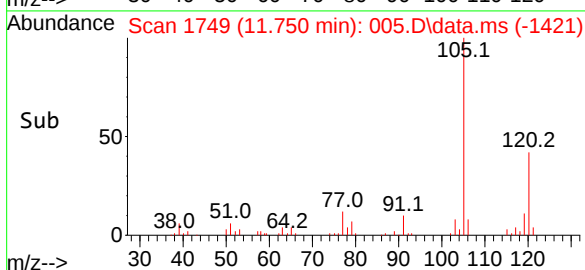
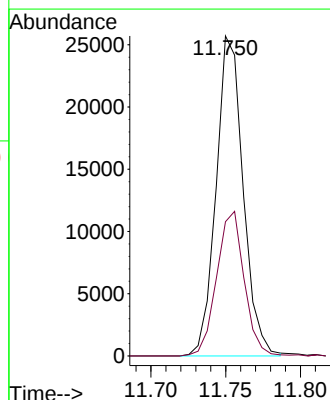
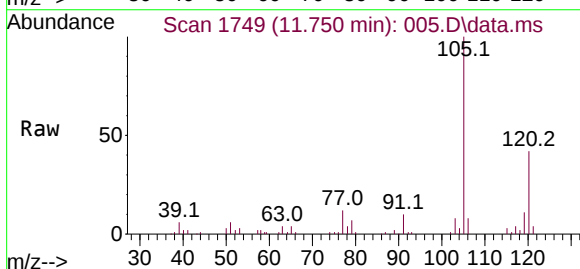
Acq: 27 Oct 2023 21:37

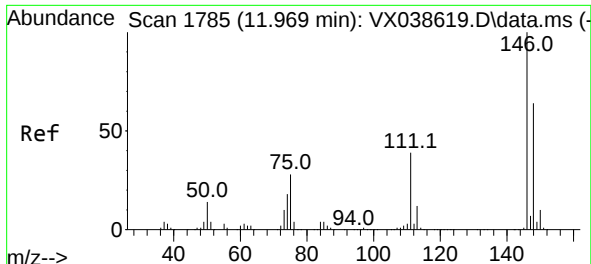
Tgt Ion:105 Resp: 32311

Ion Ratio Lower Upper

105 100

120 46.0 36.6 54.8

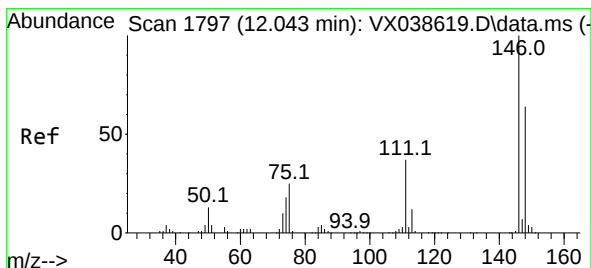
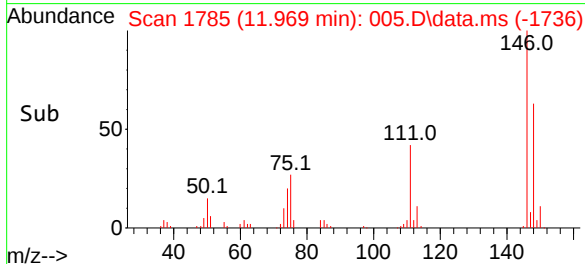
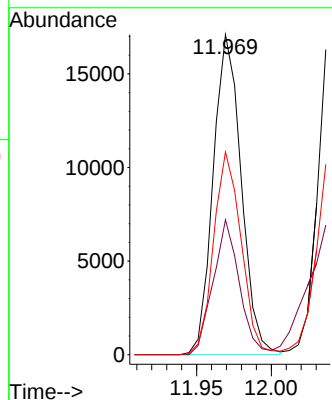
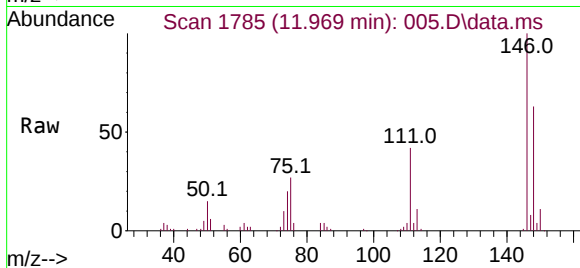




#64
1,3-Dichlorobenzene
Concen: 3.150 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

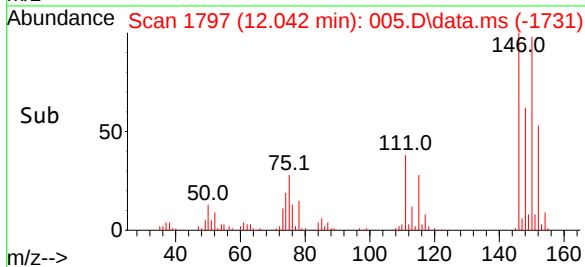
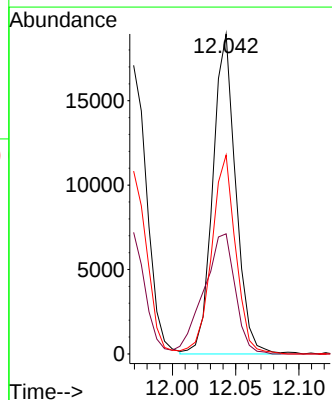
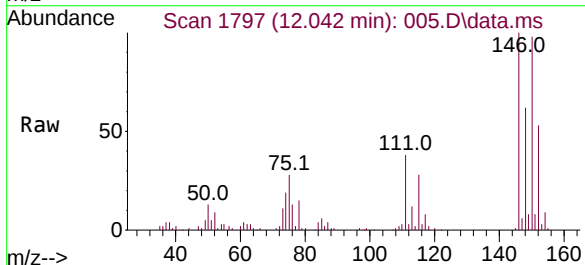
Instrument :
MSVOA_X
ClientSampleId :

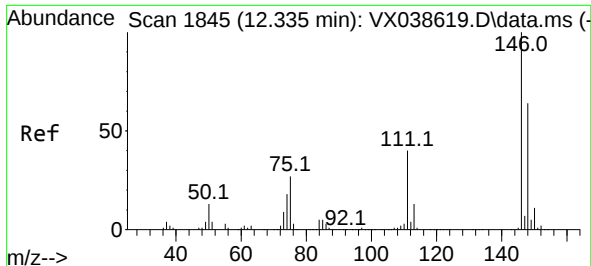
Tgt Ion:146 Resp: 22270
Ion Ratio Lower Upper
146 100
111 42.1 27.0 50.2
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 3.342 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: 005.D
Acq: 27 Oct 2023 21:37

Tgt Ion:146 Resp: 23918
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 62.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 3.108 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

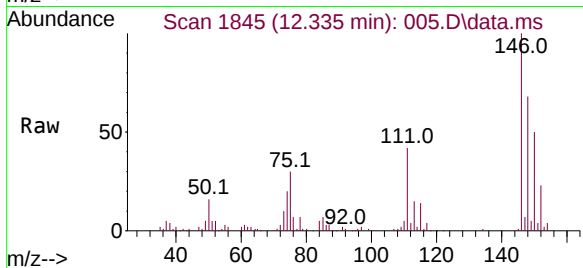
Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :



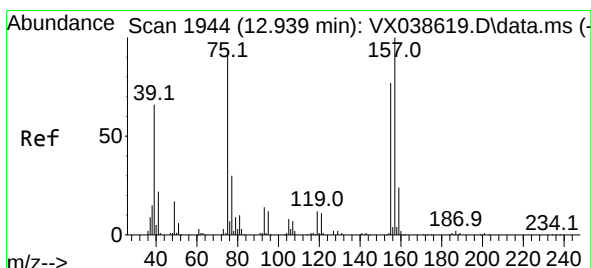
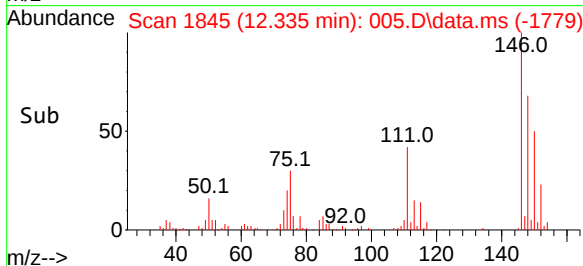
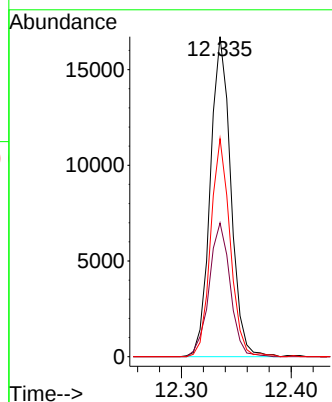
Tgt Ion:146 Resp: 21701

Ion Ratio Lower Upper

146 100

111 41.8 32.2 48.2

148 68.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.652 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

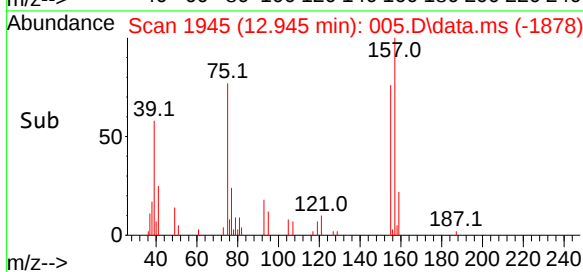
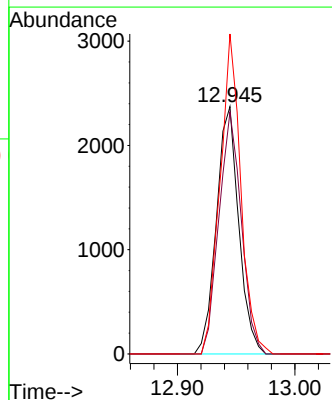
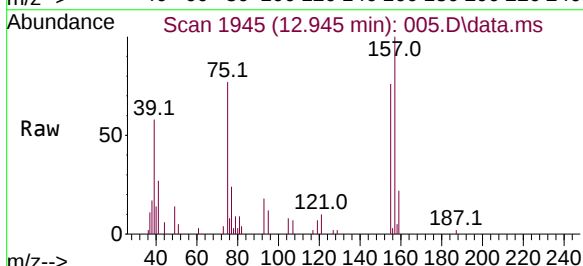
Tgt Ion: 75 Resp: 3139

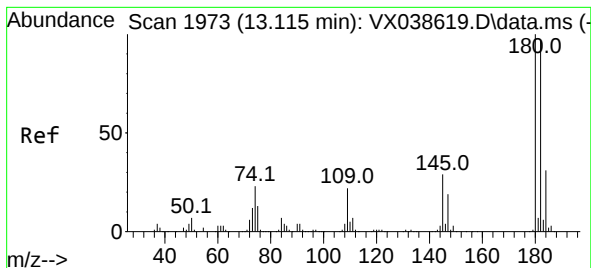
Ion Ratio Lower Upper

75 100

155 97.8 66.6 99.8

157 129.4 85.9 128.9#





#69

1,3,5-Trichlorobenzene

Concen: 3.315 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

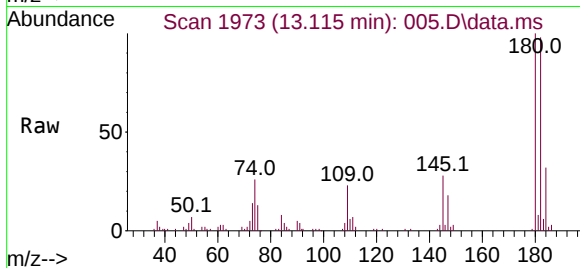
Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 15938

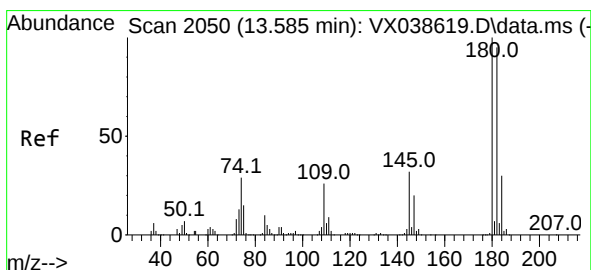
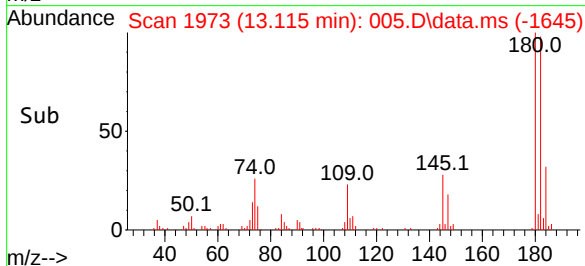
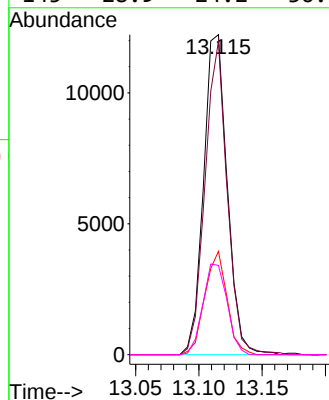
Ion Ratio Lower Upper

180 100

182 91.5 76.9 115.3

184 30.3 24.5 36.7

145 28.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 3.173 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

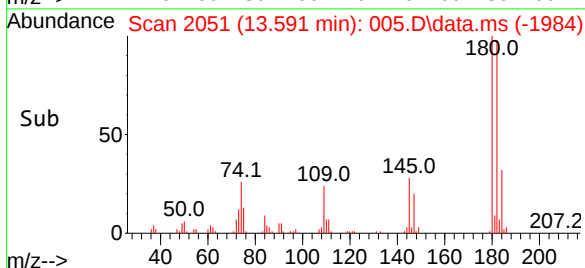
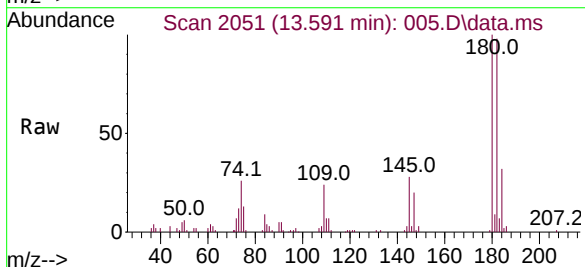
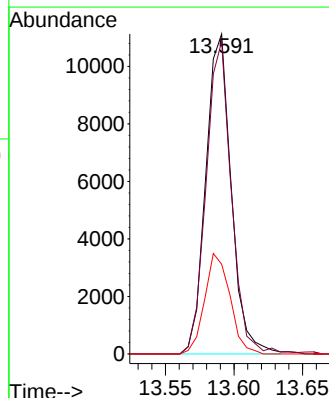
Tgt Ion:180 Resp: 14393

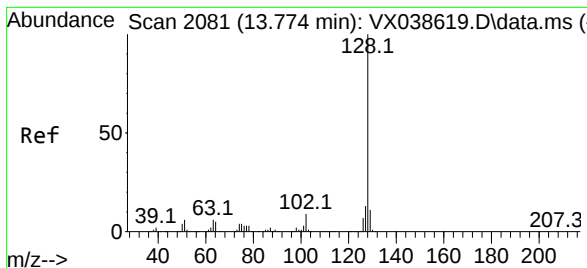
Ion Ratio Lower Upper

180 100

182 96.7 75.9 113.9

145 31.2 24.5 36.7





#71

Naphthalene

Concen: 2.735 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

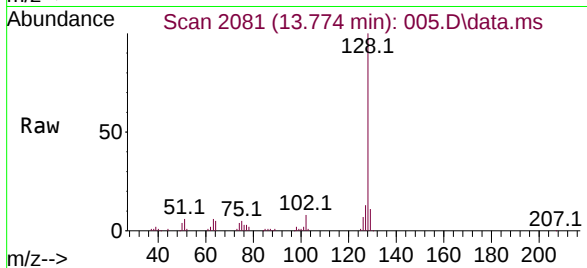
Lab File: 005.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_X

ClientSampleId :



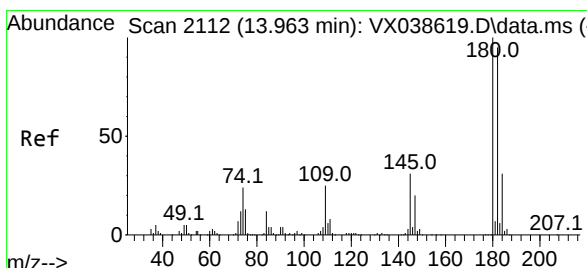
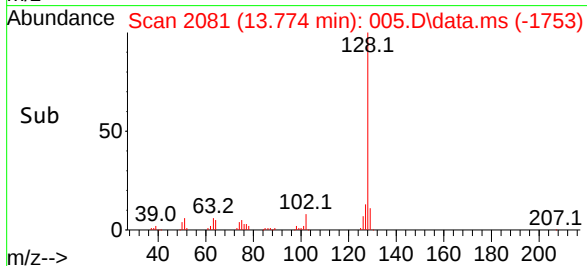
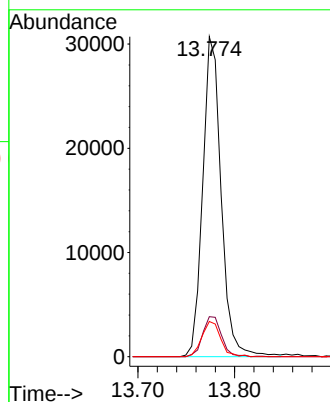
Tgt Ion:128 Resp: 40783

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 3.267 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: 005.D

Acq: 27 Oct 2023 21:37

Tgt Ion:180 Resp: 14445

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 31.9 25.8 38.6

