

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041425.D
 Acq On : 09 May 2024 10:13
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 22:39:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	269998	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	299852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	159652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	15350	10.024	ug/L	0.00
7) Chloroethane-d5	1.648	69	11693	10.408	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	6711	8.708	ug/L	0.00
21) 2-Butanone-d5	4.477	46	21152	18.528	ug/L	0.01
24) Chloroform-d	5.056	84	29559	8.729	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	20830	8.551	ug/L	0.00
32) Benzene-d6	5.971	84	56252	6.867	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	16171	6.644	ug/L	0.00
41) Toluene-d8	8.647	98	67199	7.943	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8774	7.195	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	17987	15.859	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	31110	8.122	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	28547	8.751	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	20129	10.828	ug/L	97
3) Chloromethane	1.301	50	18211	11.486	ug/L	94
5) Vinyl chloride	1.374	62	18327	11.223	ug/L	97
6) Bromomethane	1.599	94	11890	10.446	ug/L	96
8) Chloroethane	1.666	64	10579	11.314	ug/L	98
9) Trichlorofluoromethane	1.868	101	33025	11.489	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	17368	9.835	ug/L	99
12) 1,1-Dichloroethene	2.313	96	15284	9.721	ug/L	# 75
13) Acetone	2.386	43	26751	22.823	ug/L	99
14) Carbon disulfide	2.502	76	33105	8.755	ug/L	97
15) Methyl Acetate	2.709	43	19655	9.936	ug/L	100
16) Methylene chloride	2.788	84	17006	9.768	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	15469	9.596	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	53425	9.713	ug/L	99
19) 1,1-Dichloroethane	3.605	63	28731	9.625	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	17956	9.649	ug/L	95
22) 2-Butanone	4.568	43	28923	19.762	ug/L	98
23) Bromochloromethane	4.898	128	9342	9.433	ug/L	98
25) Chloroform	5.093	83	31215	9.684	ug/L	99
27) 1,2-Dichloroethane	6.086	62	25283	9.413	ug/L	99
29) Cyclohexane	5.465	56	25916	7.773	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	26941	7.633	ug/L	99
31) Carbon tetrachloride	5.672	117	22875	7.301	ug/L	97
33) Benzene	6.038	78	63767	7.600	ug/L	100
34) Trichloroethene	7.123	95	17003	7.399	ug/L	95
35) Methylcyclohexane	7.373	83	25874	7.266	ug/L	99
37) 1,2-Dichloropropane	7.428	63	15928	7.539	ug/L	100
38) Bromodichloromethane	7.818	83	20569	7.203	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	29204	8.347	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	61318	18.034	ug/L	99
42) Toluene	8.714	91	84707	9.252	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	26334	8.071	ug/L	96

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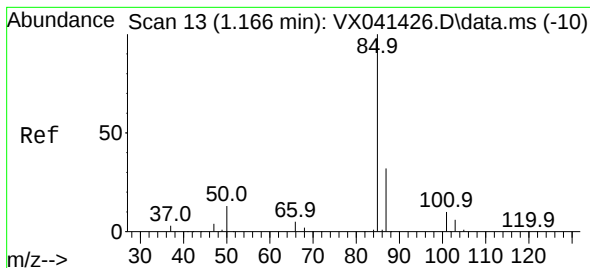
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 22:39:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 22:38:49 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	9.153	97	21436	9.175	ug/L	98
46) Tetrachloroethene	9.275	164	19895	9.046	ug/L	97
48) 2-Hexanone	9.433	43	50468	18.527	ug/L	97
49) Dibromochloromethane	9.519	129	20438	8.654	ug/L	99
50) 1,2-Dibromoethane	9.610	107	22743	9.356	ug/L	99
51) Chlorobenzene	10.080	112	57873	9.479	ug/L	97
52) Ethylbenzene	10.195	91	92904	9.248	ug/L	99
53) m,p-Xylene	10.299	106	36870	9.176	ug/L	98
54) o-Xylene	10.640	106	36185	8.837	ug/L	99
55) Styrene	10.653	104	59448	8.693	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	35366	9.123	ug/L	97
59) Bromoform	10.799	173	16805	8.995	ug/L	98
60) Isopropylbenzene	10.964	105	94379	9.689	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	28144	10.312	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	62986	9.571	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	75459	9.463	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	47196	9.524	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	48877	9.689	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	50127	9.768	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	6761	9.207	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	34796	9.408	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	31083	9.203	ug/L	99
71) Naphthalene	13.774	128	94233	9.347	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	33135	9.409	ug/L	99

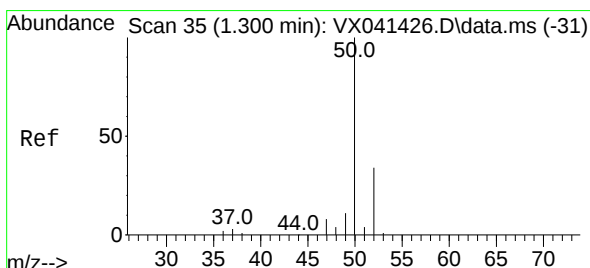
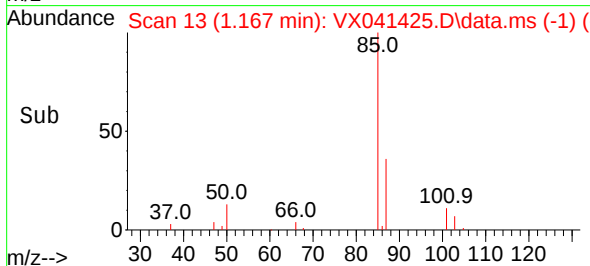
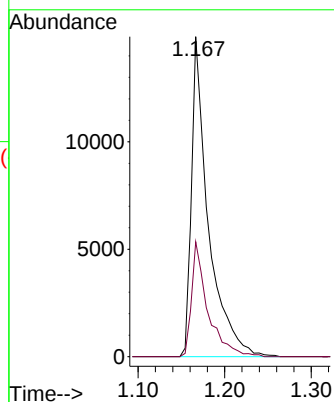
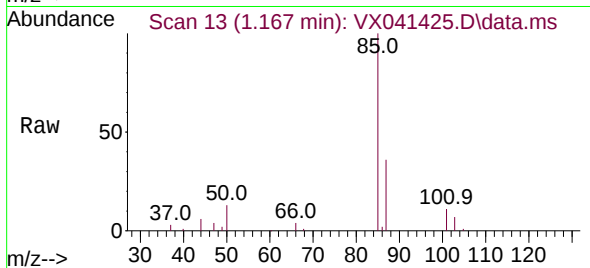
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.828 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

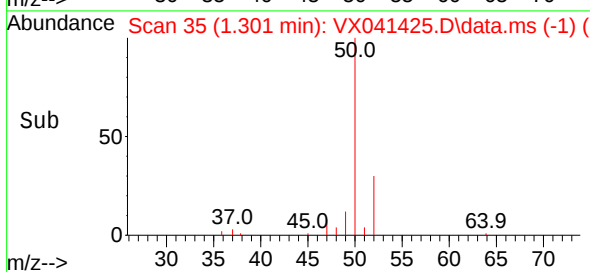
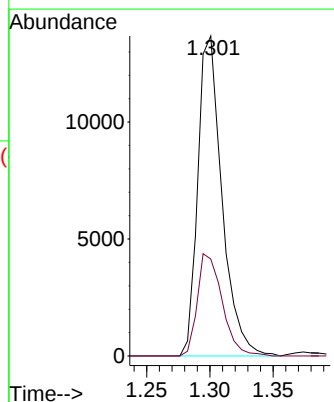
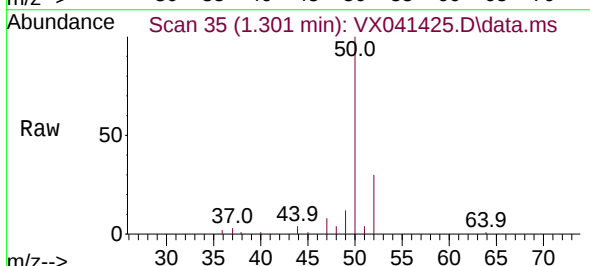
Instrument :
 MSVOA_X
 ClientSampleId :

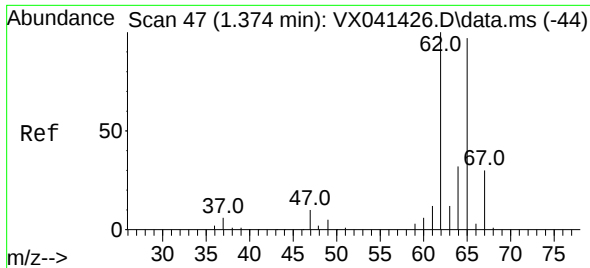
Tgt Ion: 85 Resp: 20129
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.2 39.2



#3
 Chloromethane
 Concen: 11.486 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

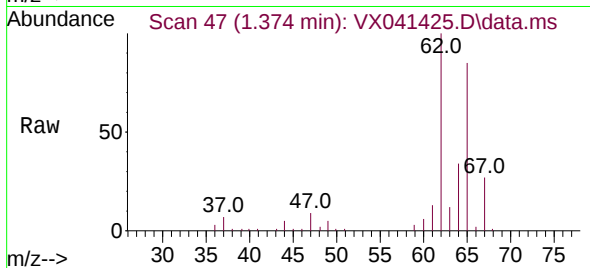
Tgt Ion: 50 Resp: 18211
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.7 44.1



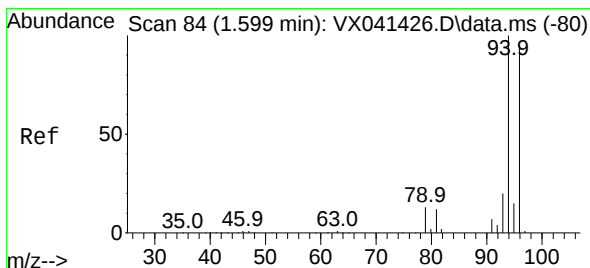
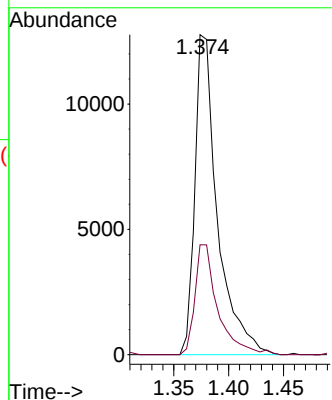
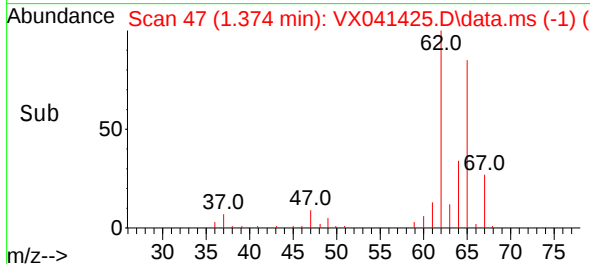


#5
 Vinyl chloride
 Concen: 11.223 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

Instrument :
 MSVOA_X
 ClientSampleId :

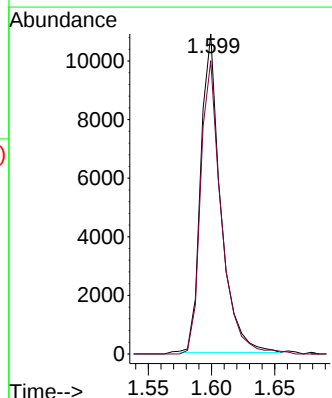
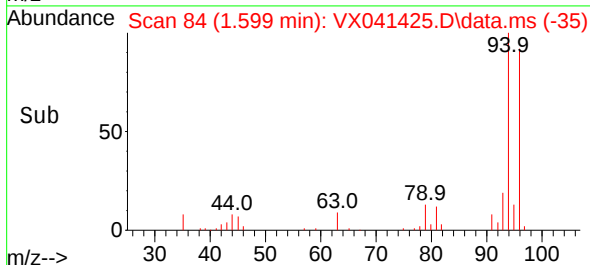
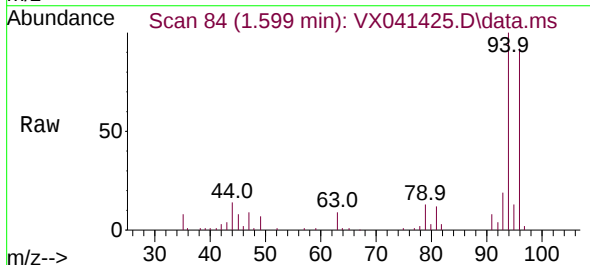


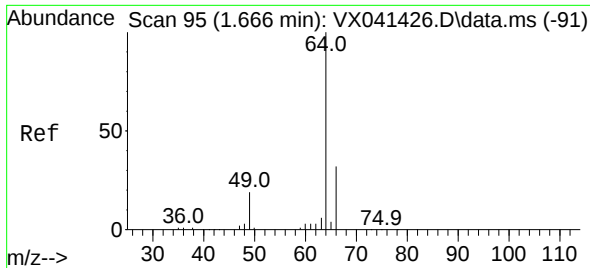
Tgt Ion: 62 Resp: 18327
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.1



#6
 Bromomethane
 Concen: 10.446 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

Tgt Ion: 94 Resp: 11890
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.6 123.8

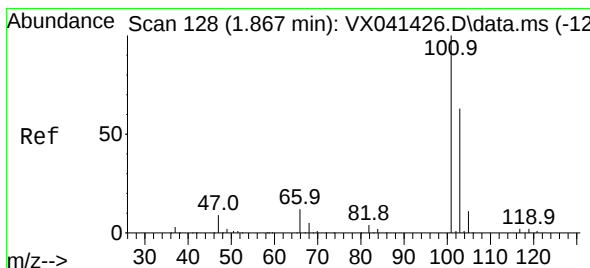
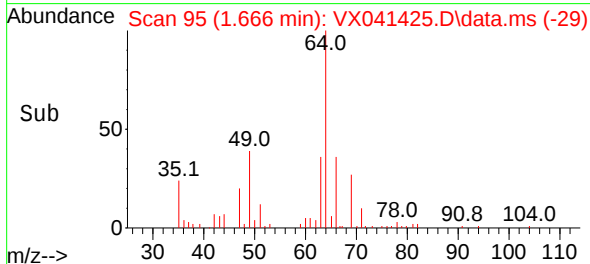
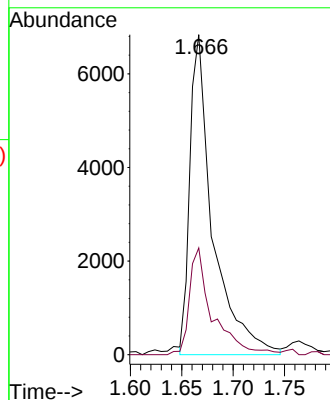
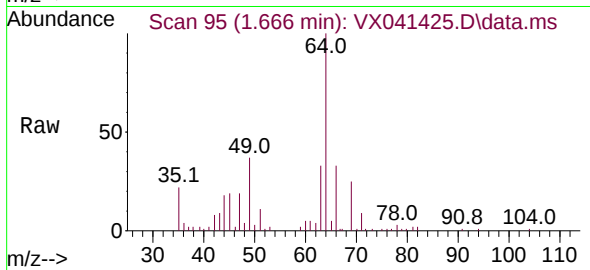




#8
Chloroethane
Concen: 11.314 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

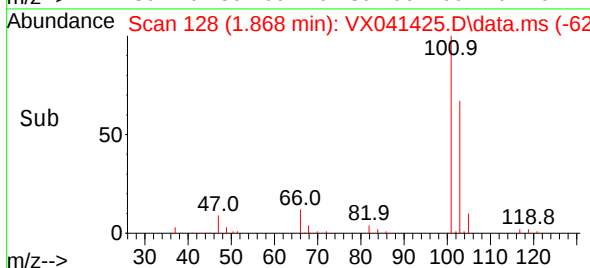
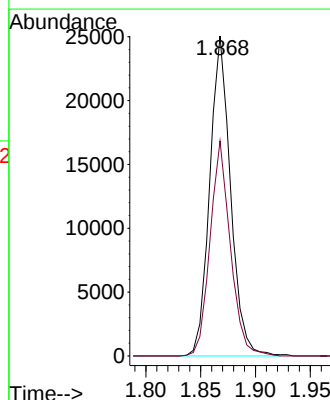
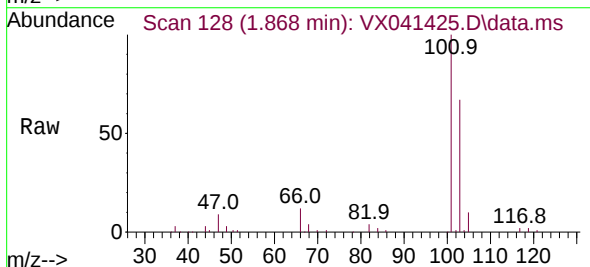
Instrument :
MSVOA_X
ClientSampleId :

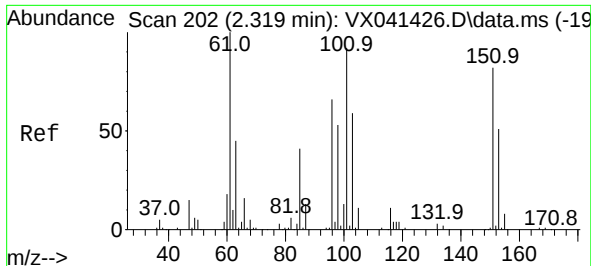
Tgt Ion: 64 Resp: 10579
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 11.489 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion:101 Resp: 33025
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5





#10

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

Concen: 9.835 ug/L

RT: 2.319 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

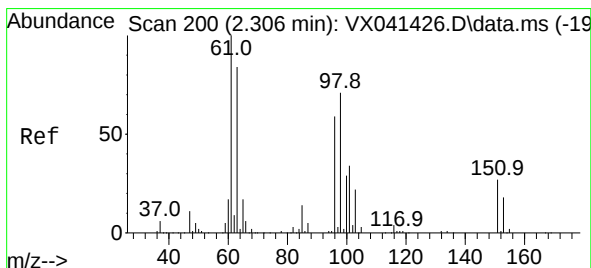
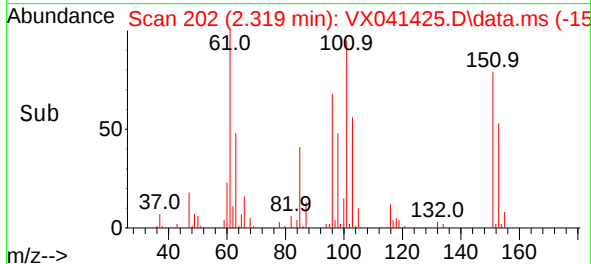
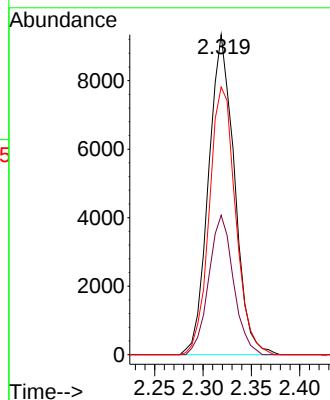
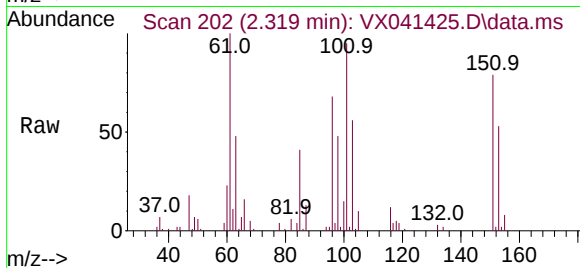
Tgt Ion:101 Resp: 17368

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

151 84.9 68.7 103.1



#12

1,1-Dichloroethene

Concen: 9.721 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

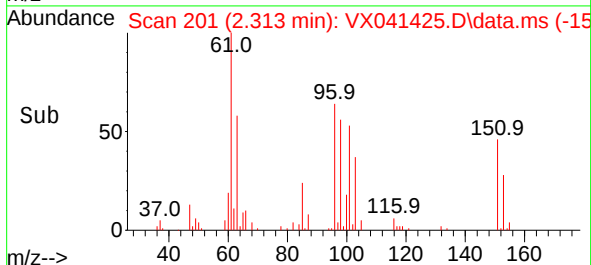
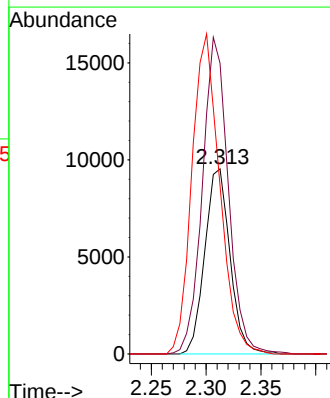
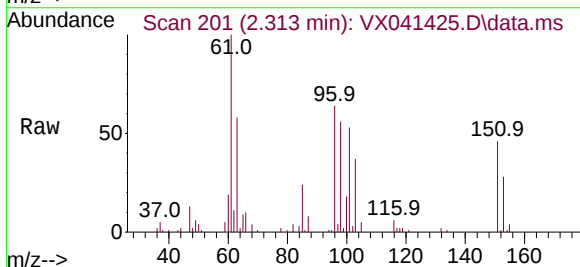
Tgt Ion: 96 Resp: 15284

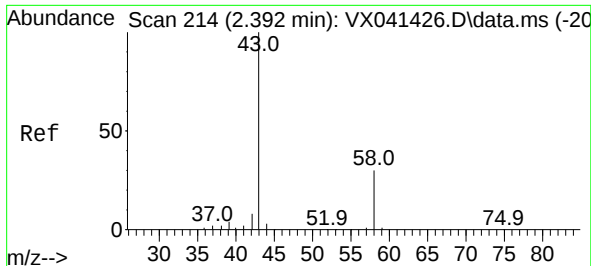
Ion Ratio Lower Upper

96 100

61 157.1 119.3 221.7

63 90.9 100.0 185.8#





#13

Acetone

Concen: 22.823 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

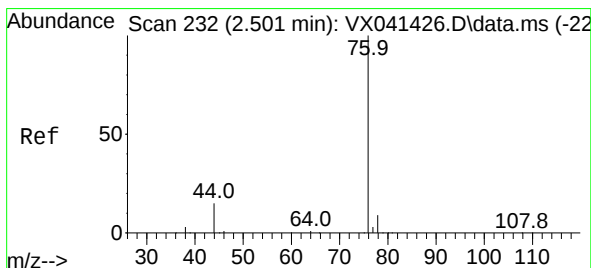
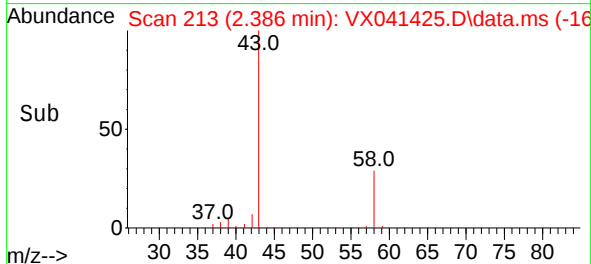
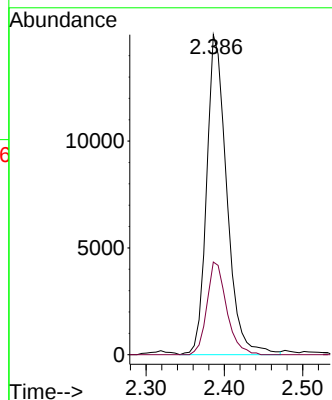
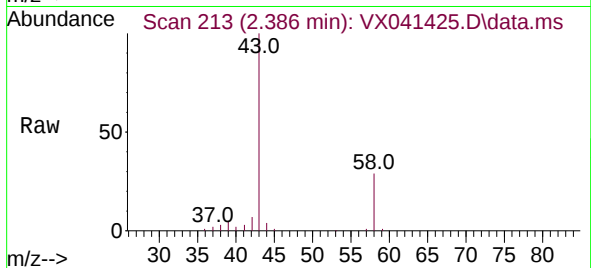
ClientSampleId :

Tgt Ion: 43 Resp: 26751

Ion Ratio Lower Upper

43 100

58 28.3 0.0 58.0



#14

Carbon disulfide

Concen: 8.755 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX041425.D

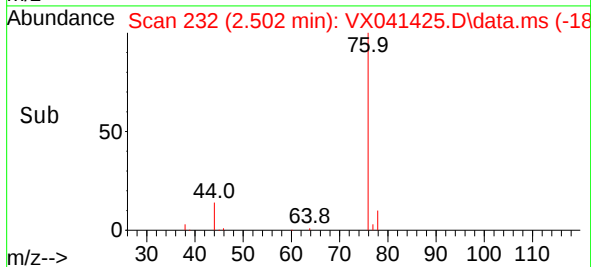
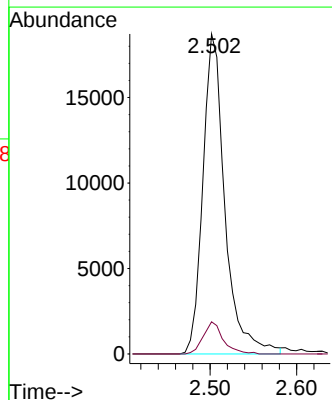
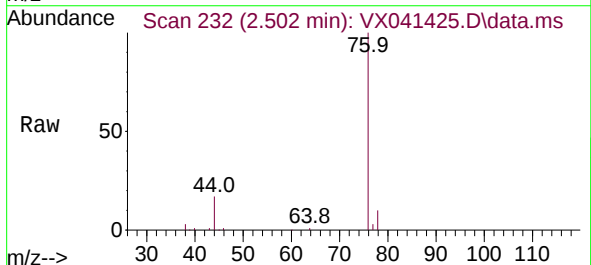
Acq: 09 May 2024 10:13

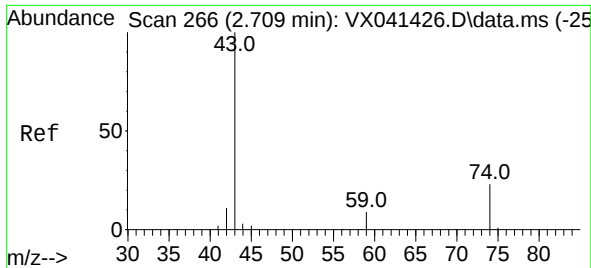
Tgt Ion: 76 Resp: 33105

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9





#15

Methyl Acetate

Concen: 9.936 ug/L

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

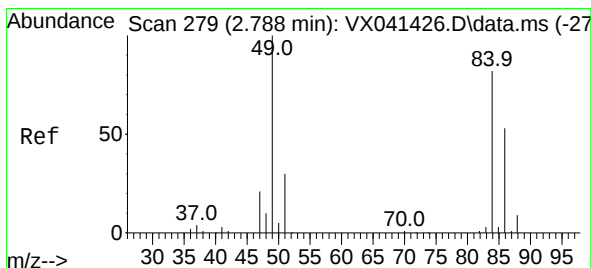
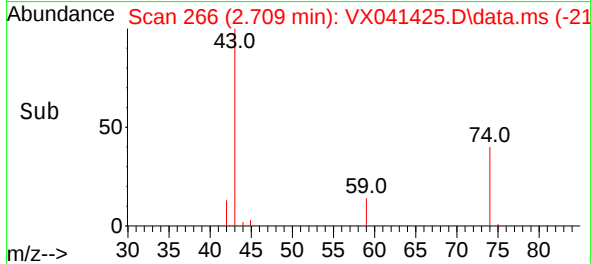
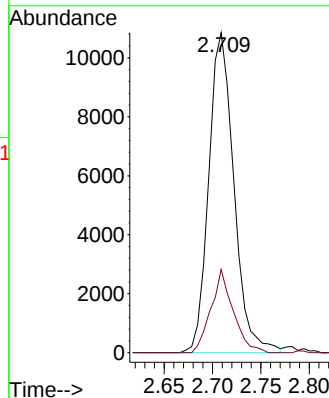
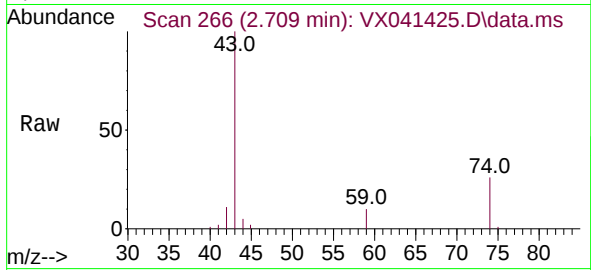
ClientSampleId :

Tgt Ion: 43 Resp: 19655

Ion Ratio Lower Upper

43 100

74 22.9 18.5 27.7



#16

Methylene chloride

Concen: 9.768 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

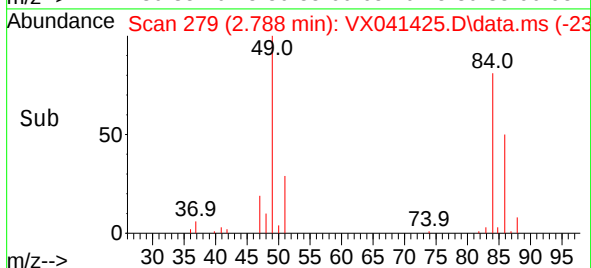
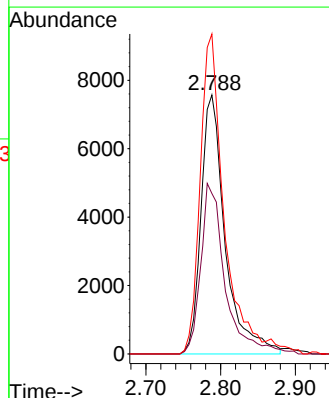
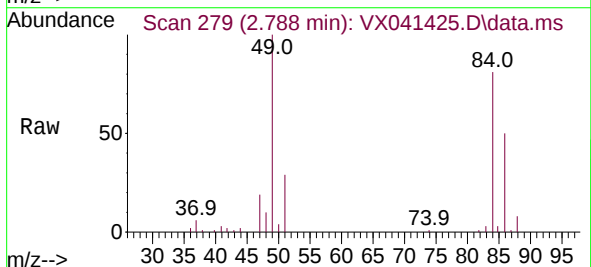
Tgt Ion: 84 Resp: 17006

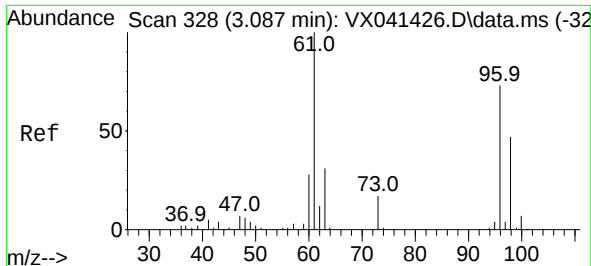
Ion Ratio Lower Upper

84 100

86 61.9 44.9 83.5

49 123.5 85.5 158.7





#17

trans-1,2-Dichloroethene

Concen: 9.596 ug/L

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

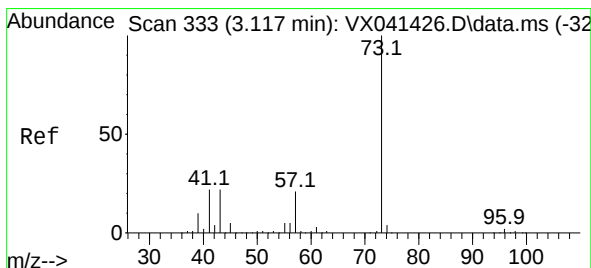
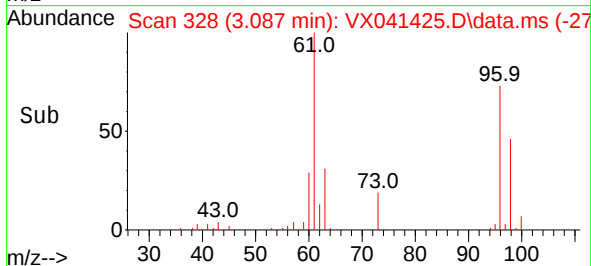
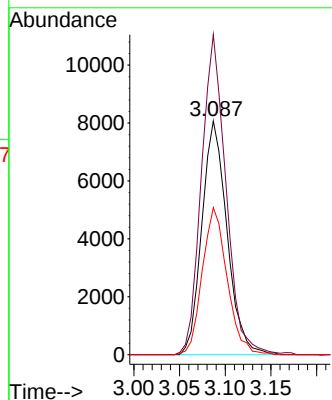
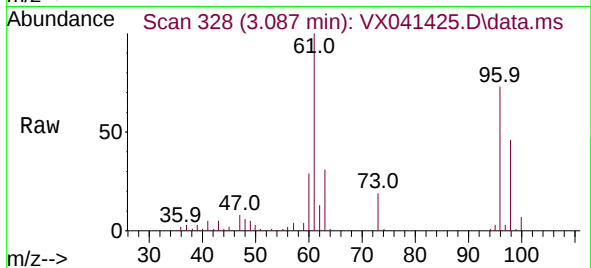
Tgt Ion: 96 Resp: 15469

Ion Ratio Lower Upper

96 100

61 136.9 95.8 177.8

98 62.9 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 9.713 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

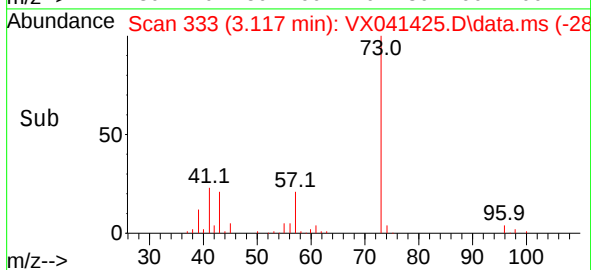
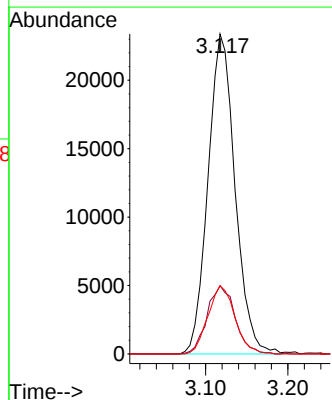
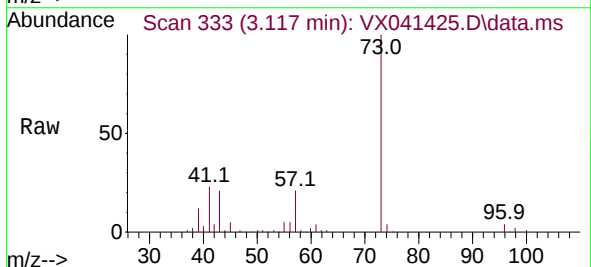
Tgt Ion: 73 Resp: 53425

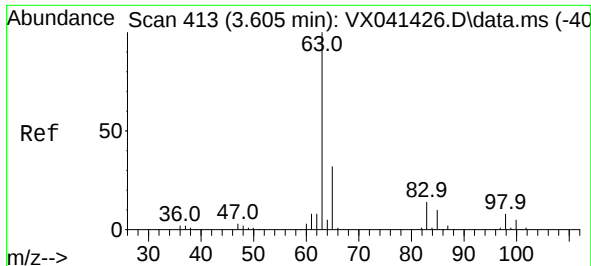
Ion Ratio Lower Upper

73 100

43 22.1 17.4 26.0

57 21.3 16.7 25.1





#19

1,1-Dichloroethane

Concen: 9.625 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

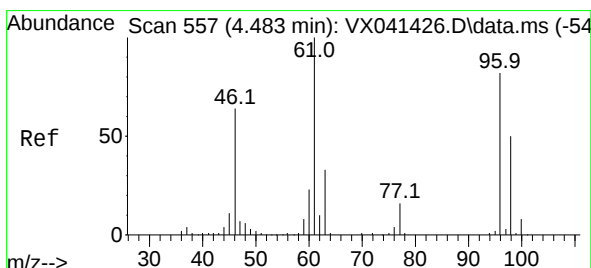
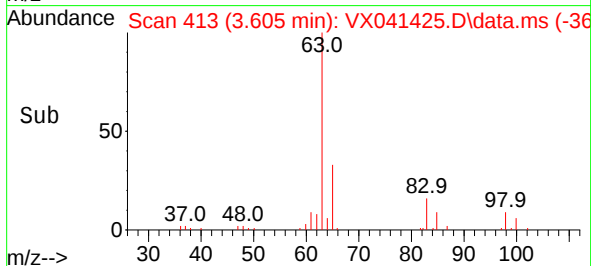
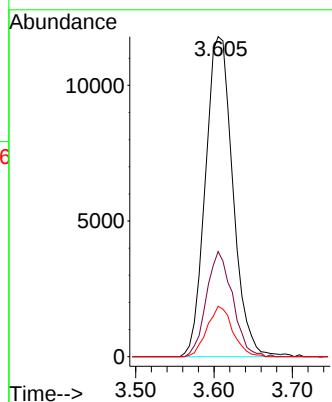
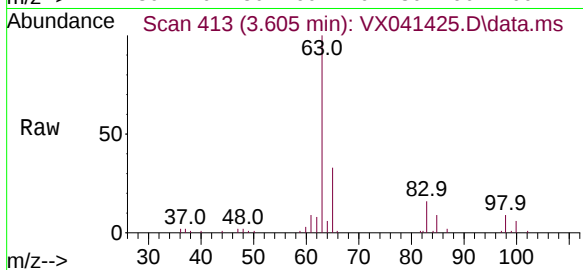
Tgt Ion: 63 Resp: 28731

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 15.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 9.649 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

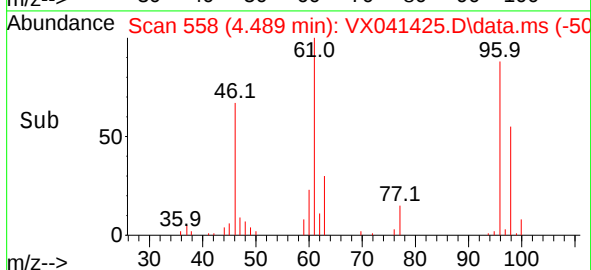
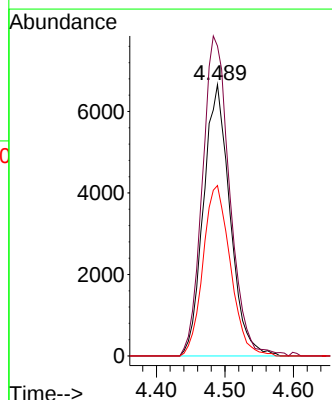
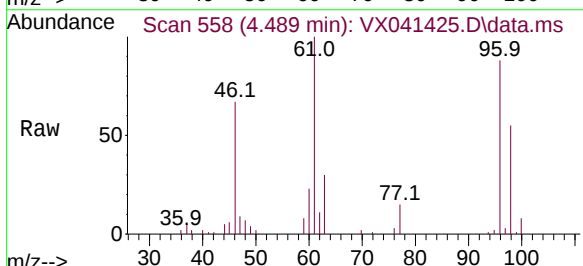
Tgt Ion: 96 Resp: 17956

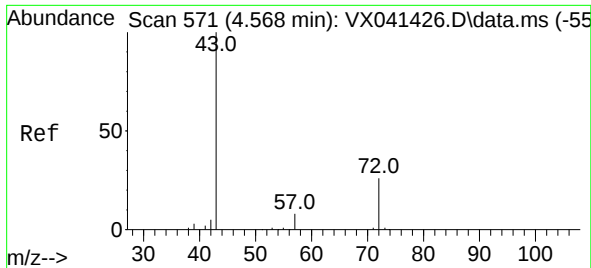
Ion Ratio Lower Upper

96 100

61 114.2 85.5 158.9

98 62.8 43.0 80.0

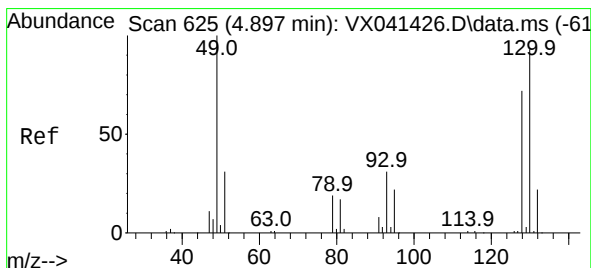
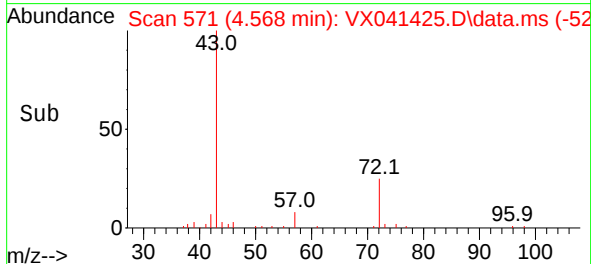
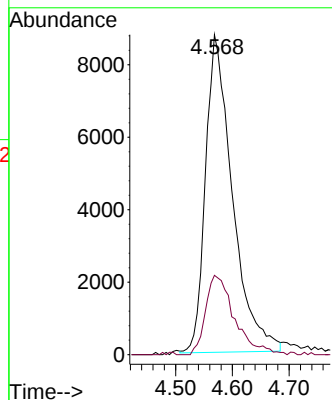
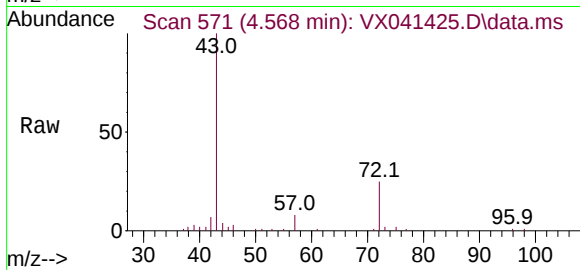




#22
2-Butanone
Concen: 19.762 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

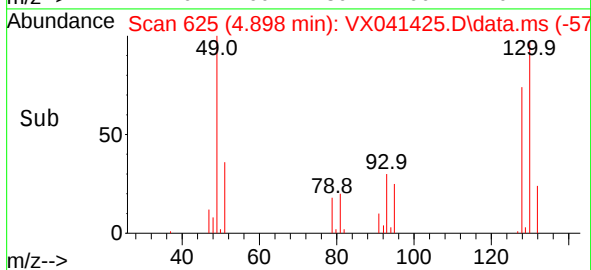
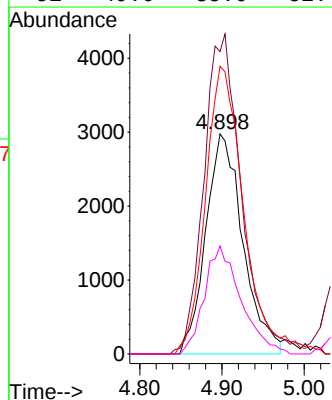
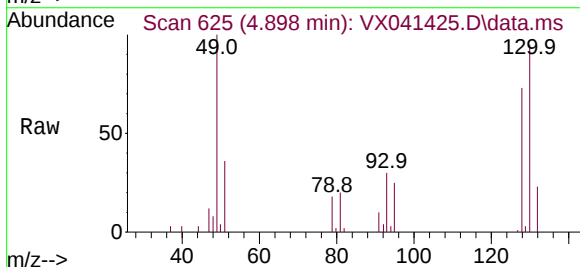
Instrument :
MSVOA_X
ClientSampleId :

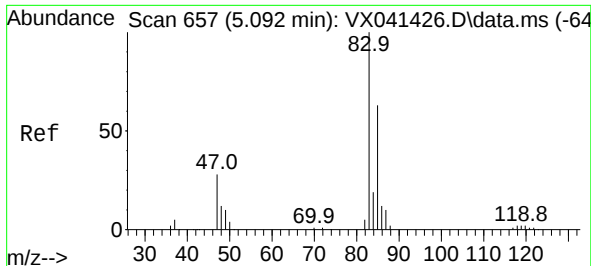
Tgt Ion: 43 Resp: 28923
Ion Ratio Lower Upper
43 100
72 25.7 12.4 37.4



#23
Bromochloromethane
Concen: 9.433 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion: 128 Resp: 9342
Ion Ratio Lower Upper
128 100
49 137.4 97.7 181.5
130 130.7 90.5 168.1
51 49.0 35.0 52.4





#25

Chloroform

Concen: 9.684 ug/L

RT: 5.093 min Scan# 60

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

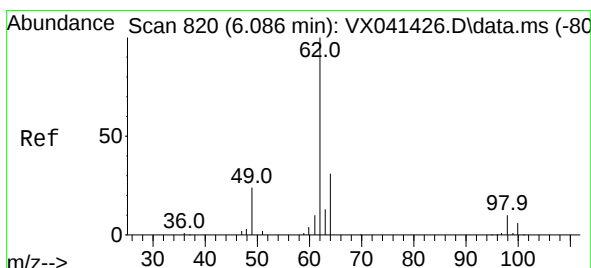
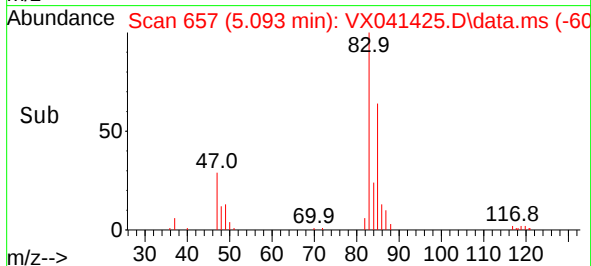
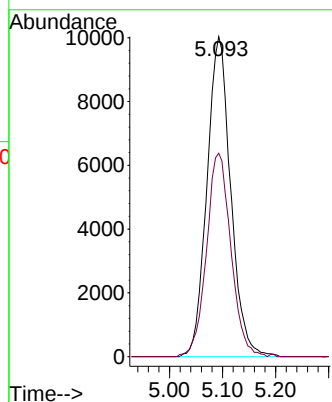
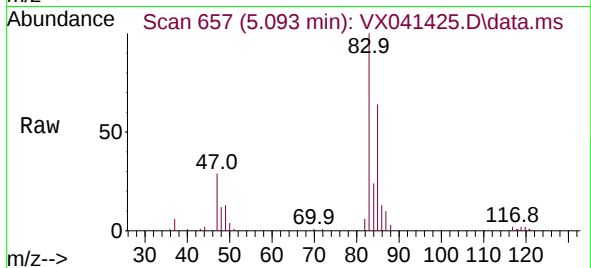
ClientSampleId :

Tgt Ion: 83 Resp: 31215

Ion Ratio Lower Upper

83 100

85 63.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 9.413 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX041425.D

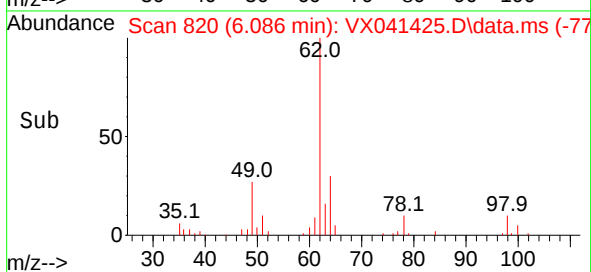
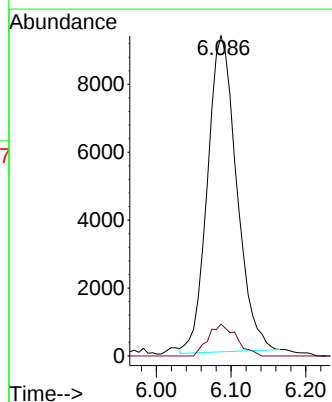
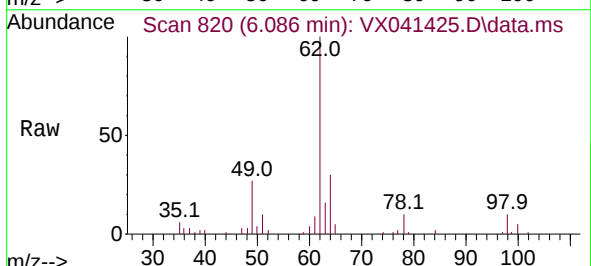
Acq: 09 May 2024 10:13

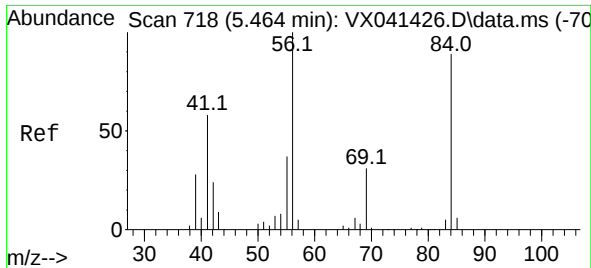
Tgt Ion: 62 Resp: 25283

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.2





#29

Cyclohexane

Concen: 7.773 ug/L

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

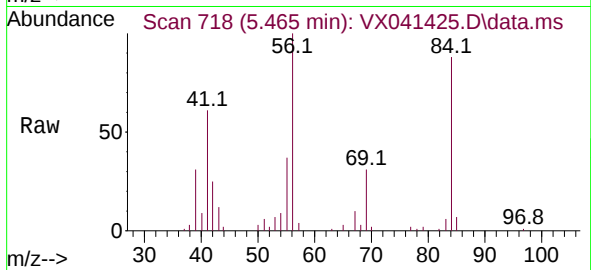
Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :



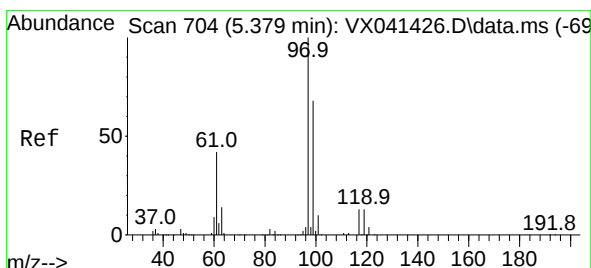
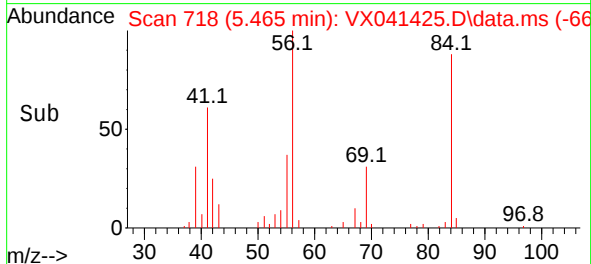
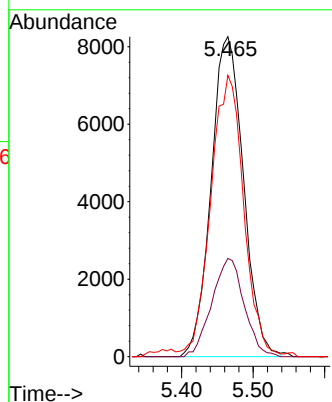
Tgt Ion: 56 Resp: 25916

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

84 89.5 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 7.633 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

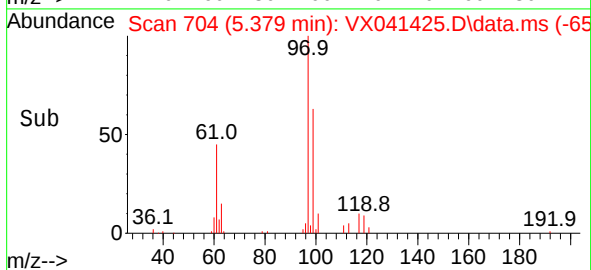
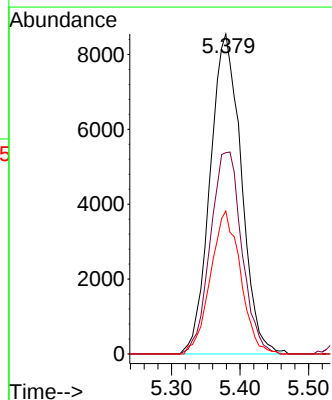
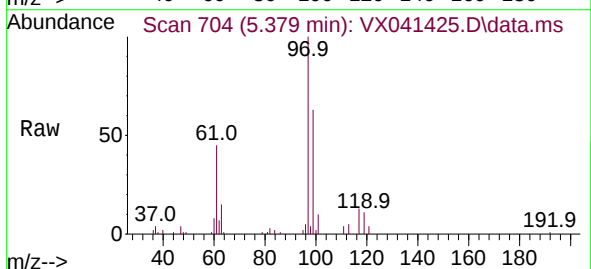
Tgt Ion: 97 Resp: 26941

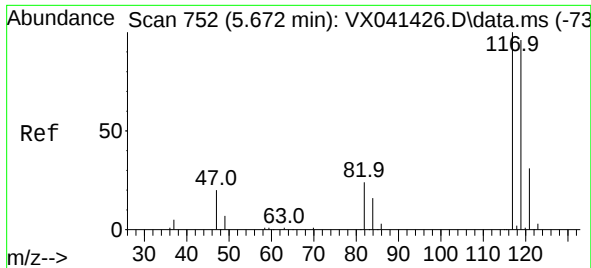
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 43.2 34.6 51.8

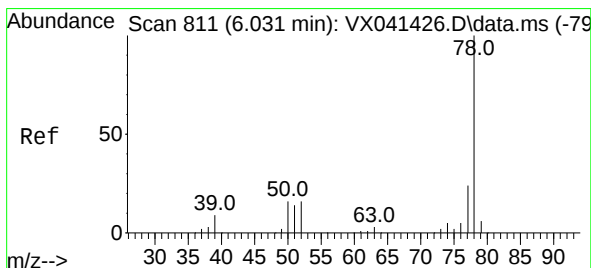
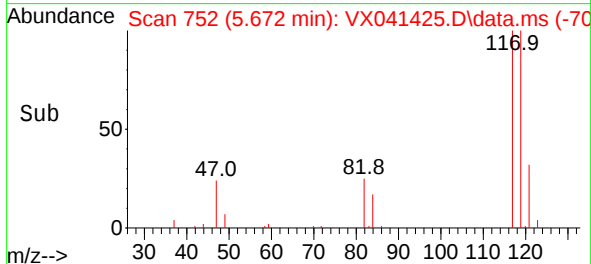
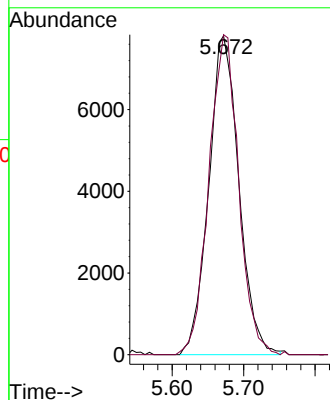
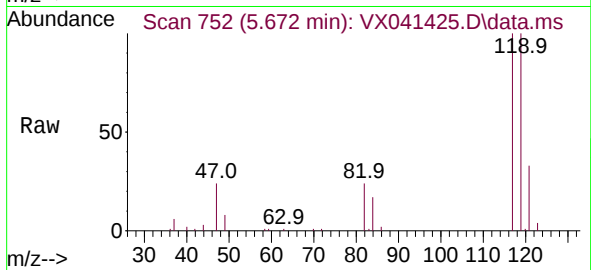




#31
Carbon tetrachloride
Concen: 7.301 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

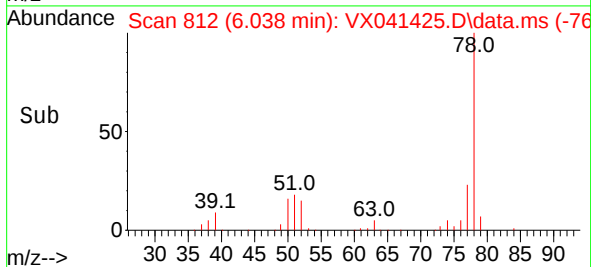
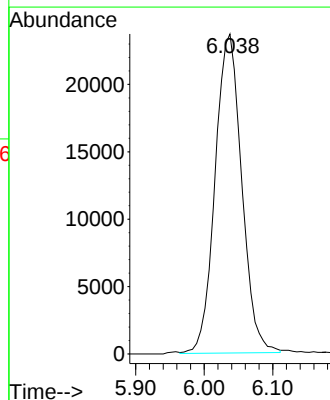
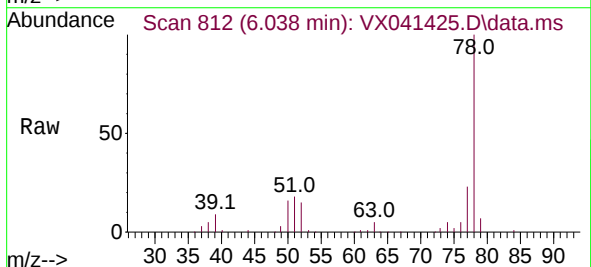
Instrument :
MSVOA_X
ClientSampleId :

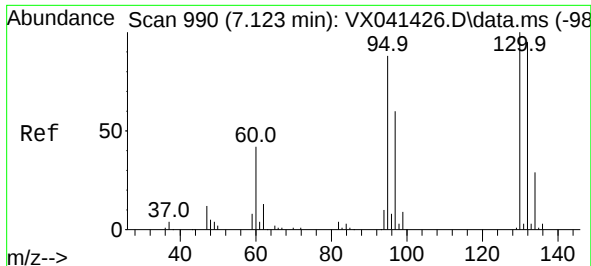
Tgt Ion:117 Resp: 22875
Ion Ratio Lower Upper
117 100
119 98.8 76.3 114.5



#33
Benzene
Concen: 7.600 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion: 78 Resp: 63767





#34

Trichloroethene

Concen: 7.399 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

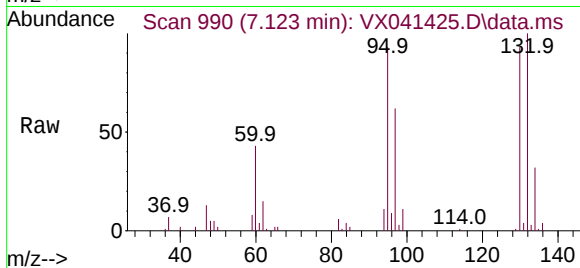
Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 17003

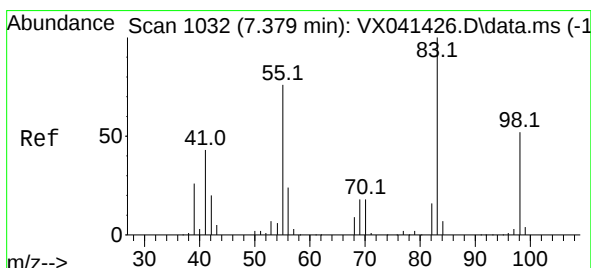
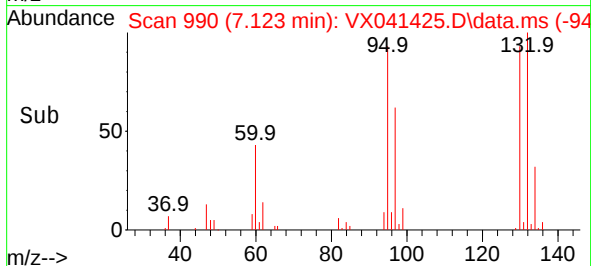
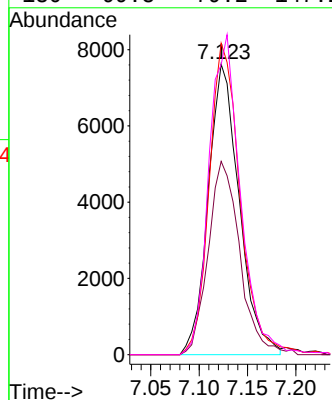
Ion Ratio Lower Upper

95 100

97 66.5 47.3 87.9

132 107.2 75.0 139.4

130 99.8 79.2 147.2



#35

Methylcyclohexane

Concen: 7.266 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

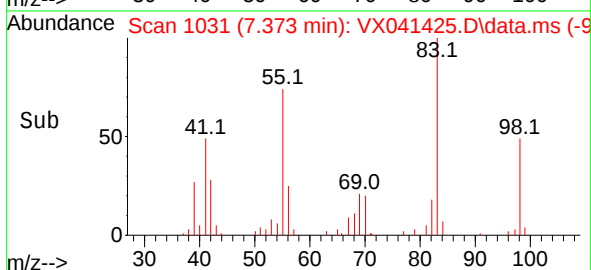
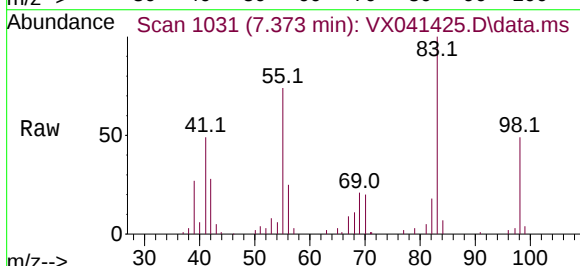
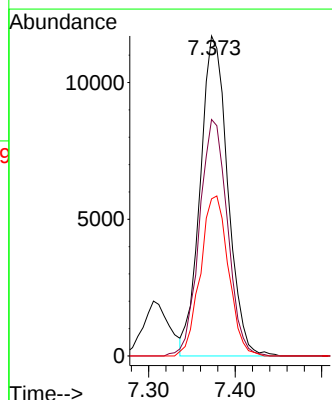
Tgt Ion: 83 Resp: 25874

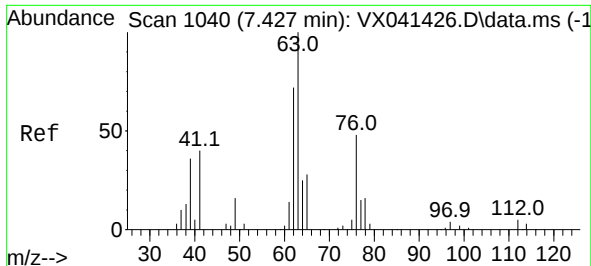
Ion Ratio Lower Upper

83 100

55 75.1 59.0 88.4

98 50.8 40.8 61.2

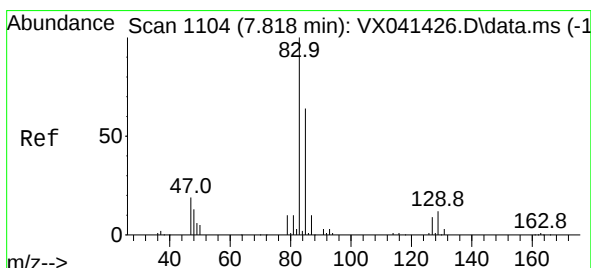
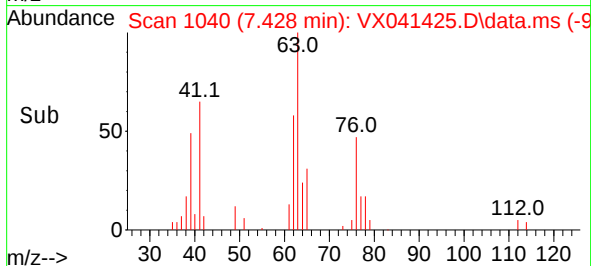
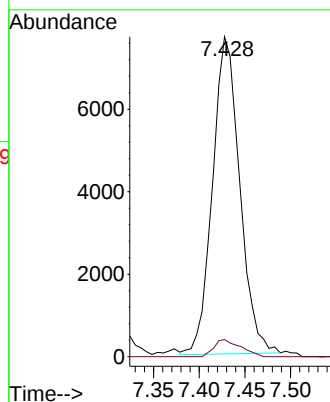
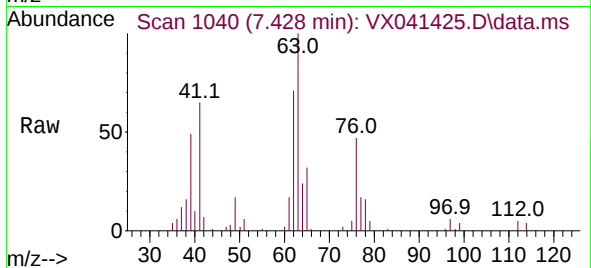




#37
1,2-Dichloropropane
Concen: 7.539 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

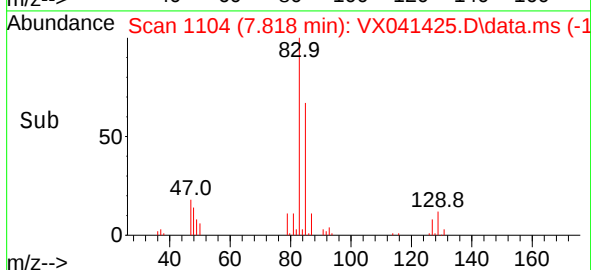
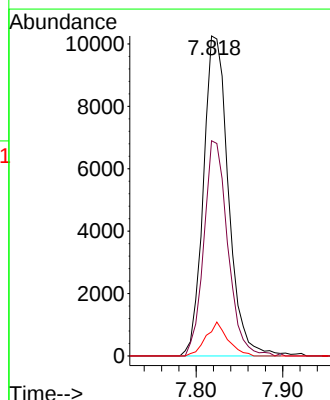
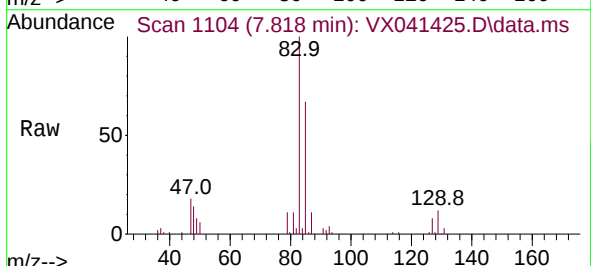
Instrument :
MSVOA_X
ClientSampleId :

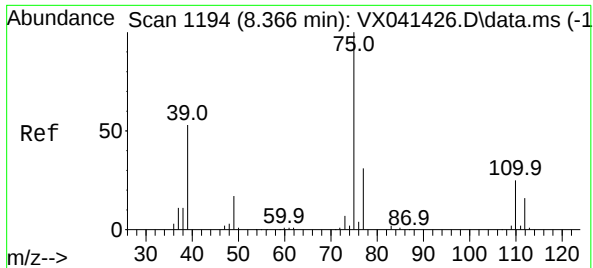
Tgt Ion: 63 Resp: 15928
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 7.203 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion: 83 Resp: 20569
Ion Ratio Lower Upper
83 100
85 67.3 44.7 83.1
127 7.5 7.0 10.4

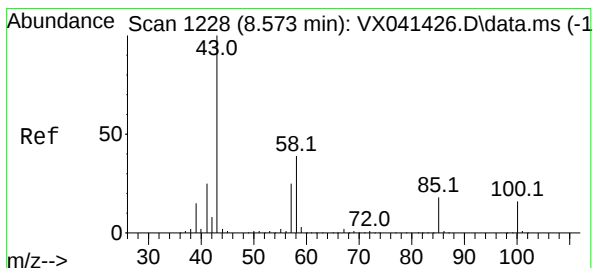
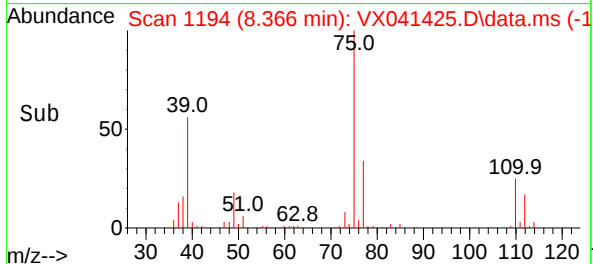
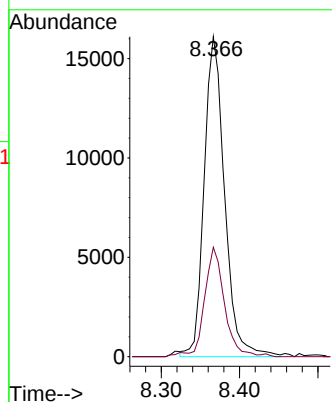
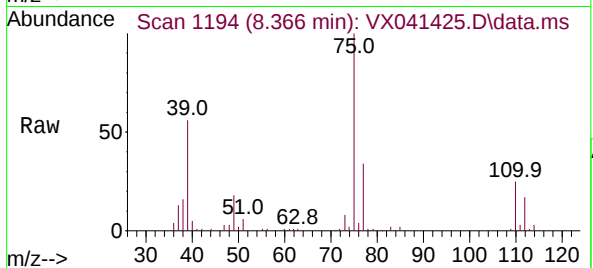




#39
 cis-1,3-Dichloropropene
 Concen: 8.347 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

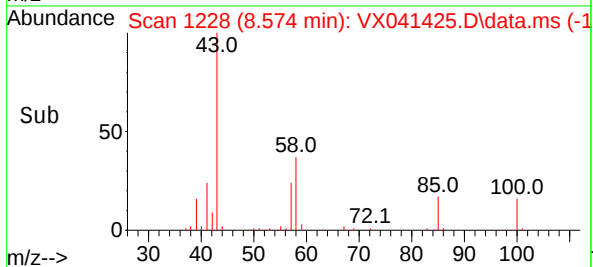
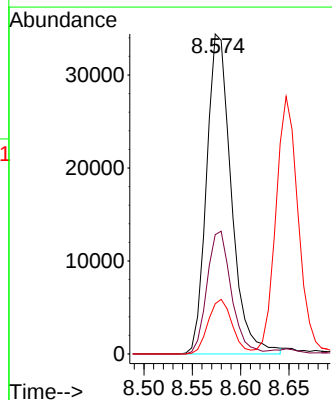
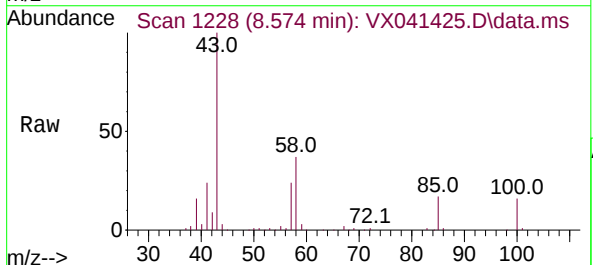
Instrument :
 MSVOA_X
 ClientSampleId :

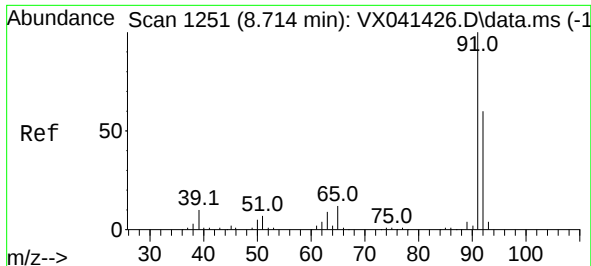
Tgt Ion: 75 Resp: 29204
 Ion Ratio Lower Upper
 75 100
 77 34.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 18.034 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX041425.D
 Acq: 09 May 2024 10:13

Tgt Ion: 43 Resp: 61318
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.9 46.3
 100 16.5 13.6 20.4





#42

Toluene

Concen: 9.252 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

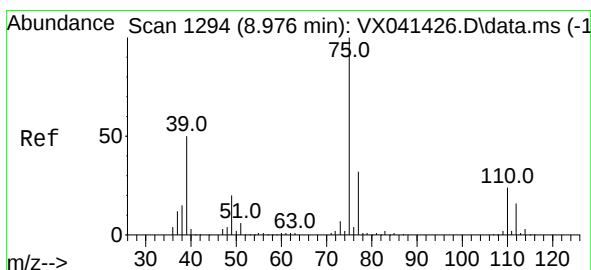
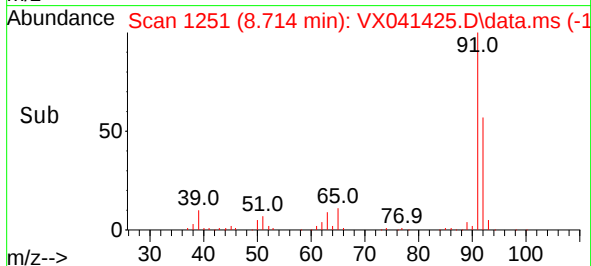
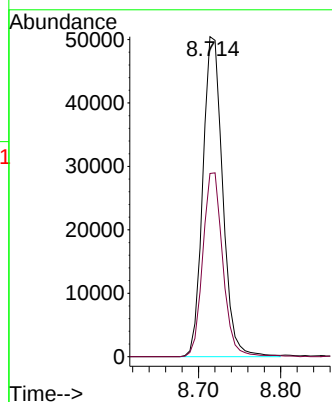
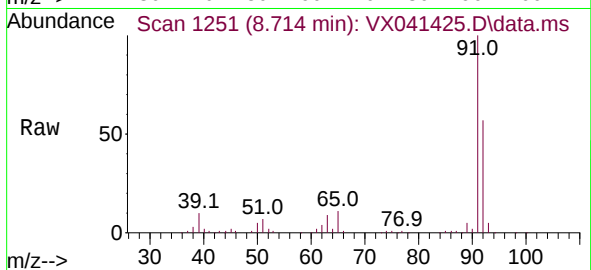
ClientSampleId :

Tgt Ion: 91 Resp: 84707

Ion Ratio Lower Upper

91 100

92 57.3 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 8.071 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041425.D

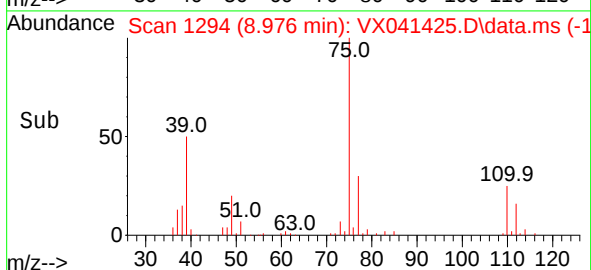
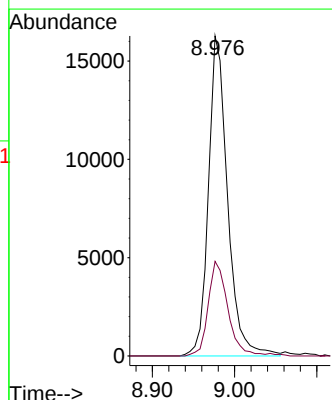
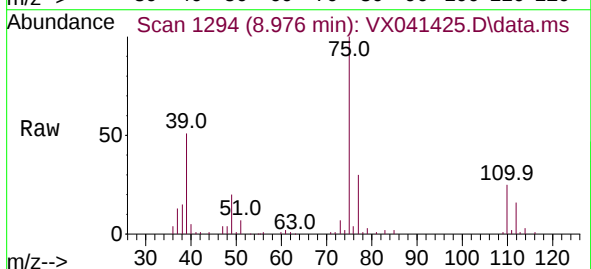
Acq: 09 May 2024 10:13

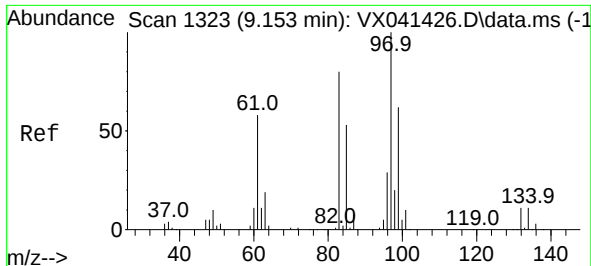
Tgt Ion: 75 Resp: 26334

Ion Ratio Lower Upper

75 100

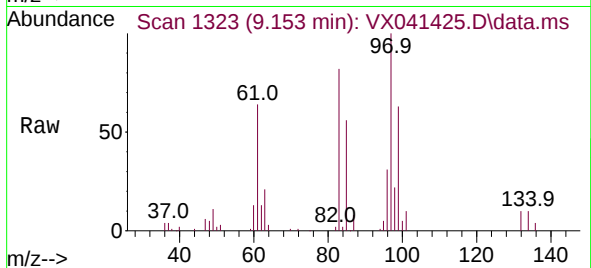
77 29.5 22.3 41.3



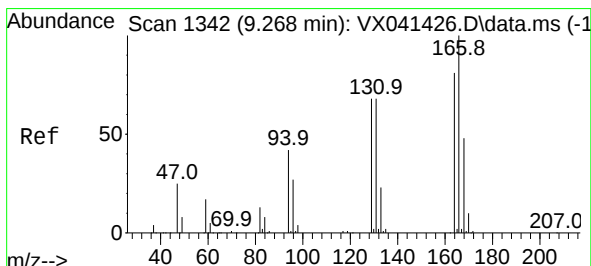
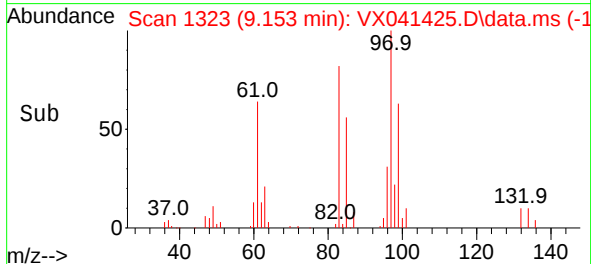
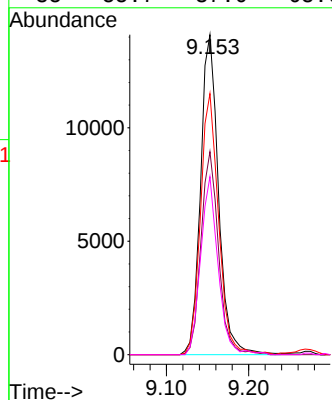


#45
1,1,2-Trichloroethane
Concen: 9.175 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Instrument :
MSVOA_X
ClientSampleId :

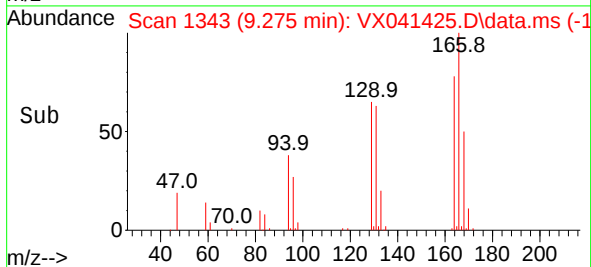
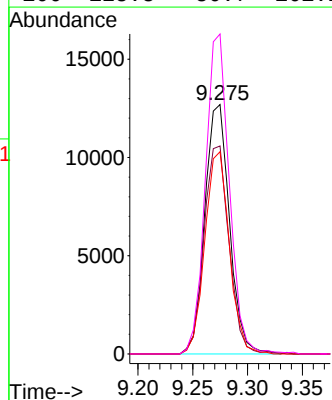
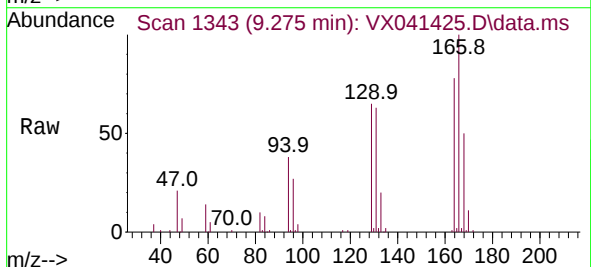


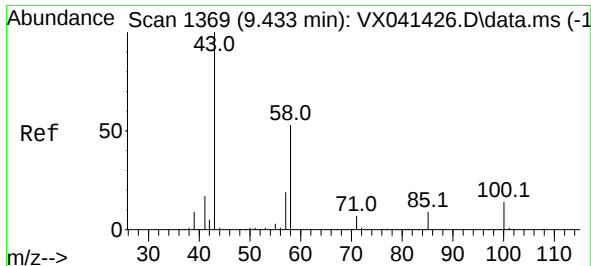
Tgt Ion:	97	Resp:	21436
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.4	80.6
83	81.6	56.1	104.3
85	55.7	37.0	68.6



#46
Tetrachloroethene
Concen: 9.046 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion:	164	Resp:	19895
Ion	Ratio	Lower	Upper
164	100		
129	83.4	59.4	110.4
131	81.1	58.7	108.9
166	128.3	86.7	161.1

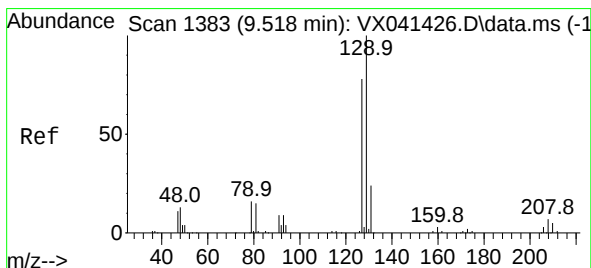
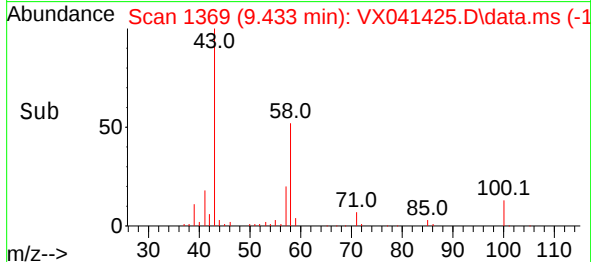
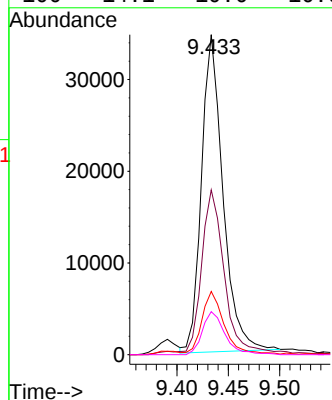
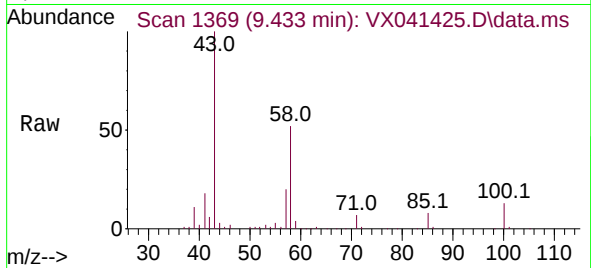




#48
2-Hexanone
Concen: 18.527 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

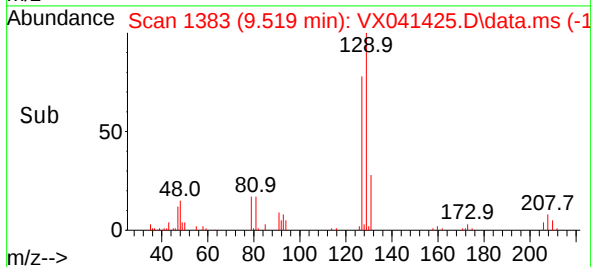
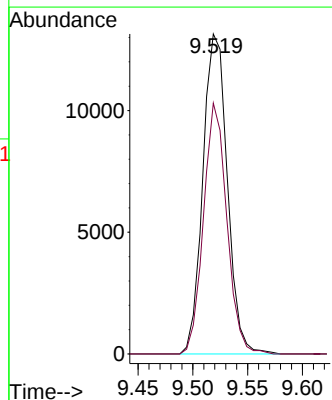
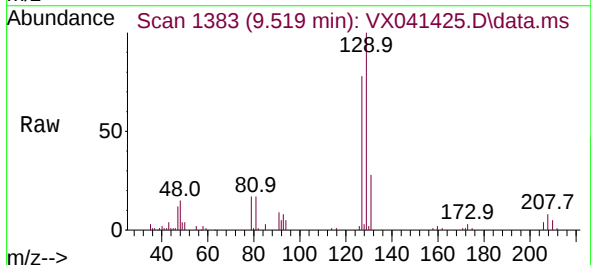
Instrument :
MSVOA_X
ClientSampleId :

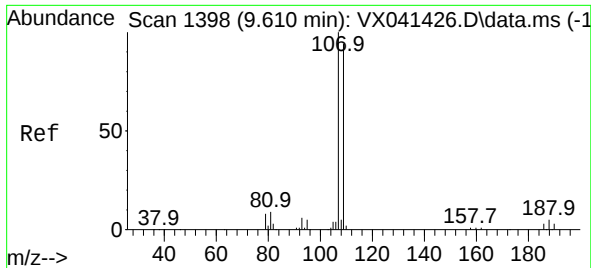
Tgt Ion: 43	Resp: 50468
Ion Ratio	Lower Upper
43	100
58	54.5 42.3 63.5
57	20.6 15.1 22.7
100	14.1 10.6 16.0



#49
Dibromochloromethane
Concen: 8.654 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion: 129	Resp: 20438
Ion Ratio	Lower Upper
129	100
127	78.4 54.4 101.0

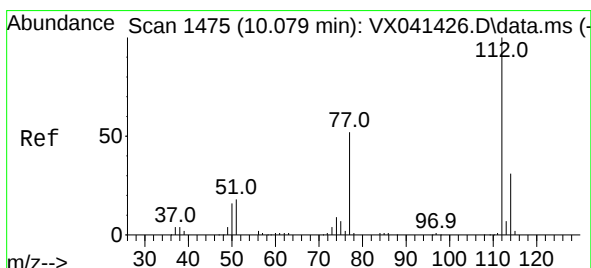
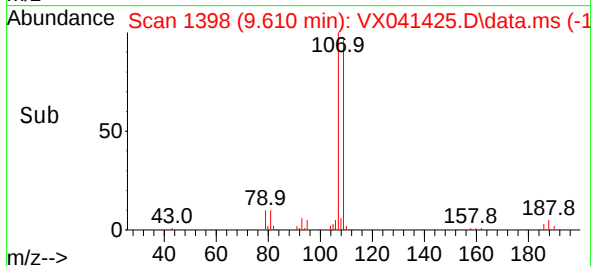
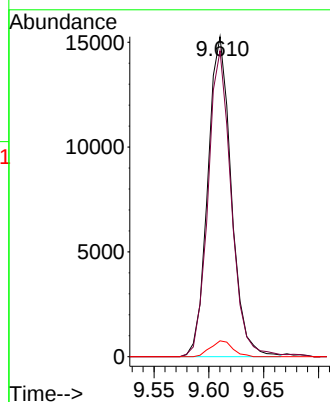
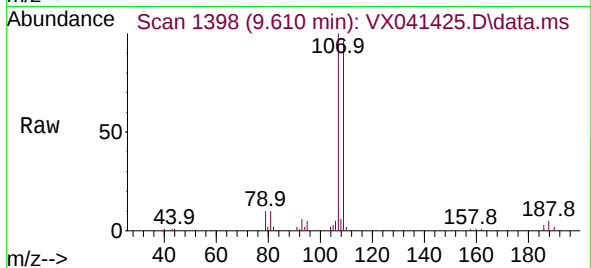




#50
1,2-Dibromoethane
Concen: 9.356 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

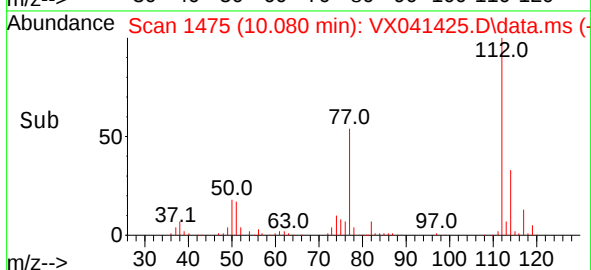
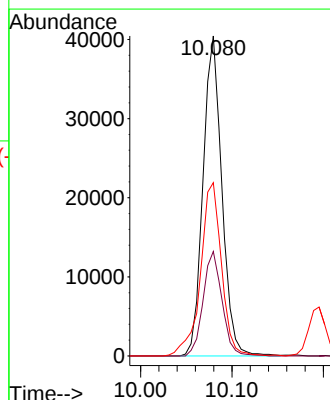
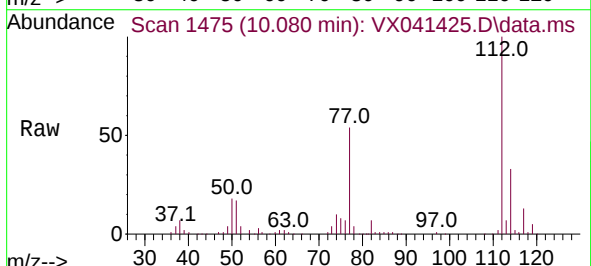
Instrument :
MSVOA_X
ClientSampleId :

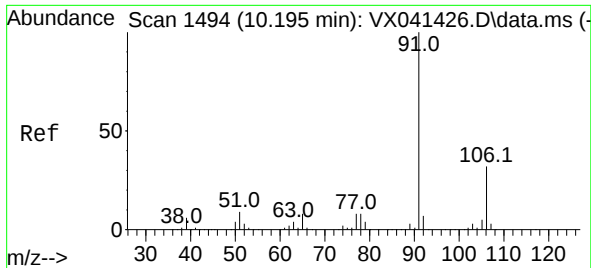
Tgt Ion:107 Resp: 22743
Ion Ratio Lower Upper
107 100
109 95.6 66.1 122.7
188 4.9 4.0 6.0



#51
Chlorobenzene
Concen: 9.479 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion:112 Resp: 57873
Ion Ratio Lower Upper
112 100
114 32.7 22.0 41.0
77 54.1 41.7 62.5

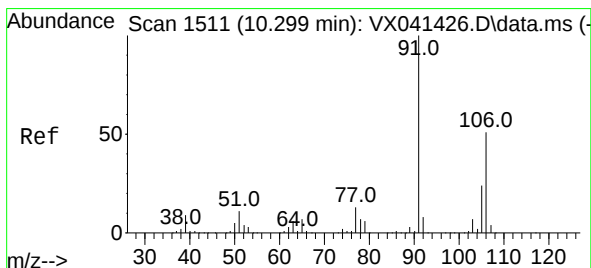
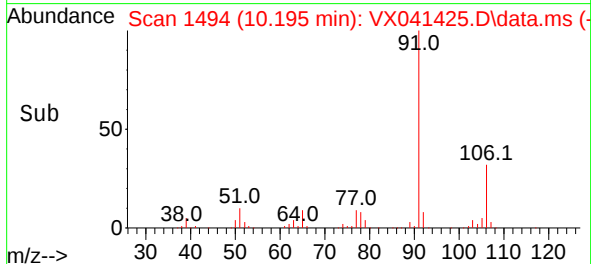
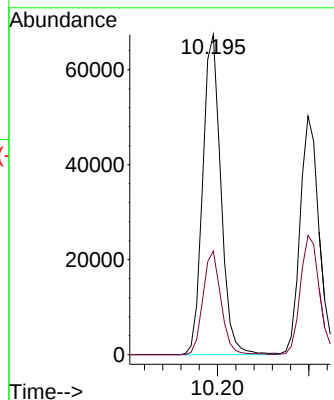
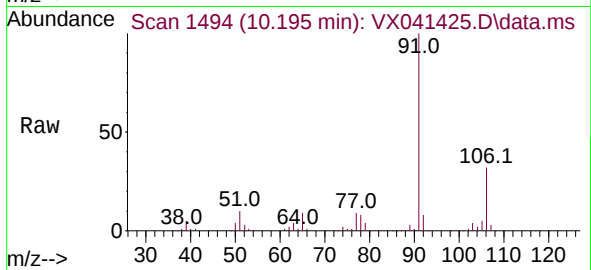




#52
Ethylbenzene
Concen: 9.248 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

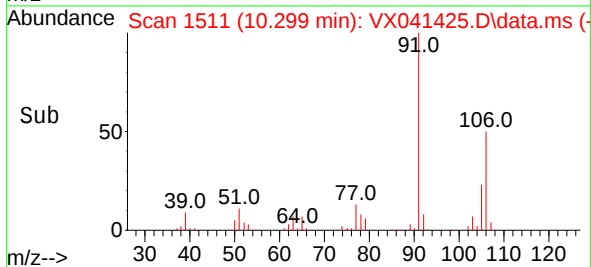
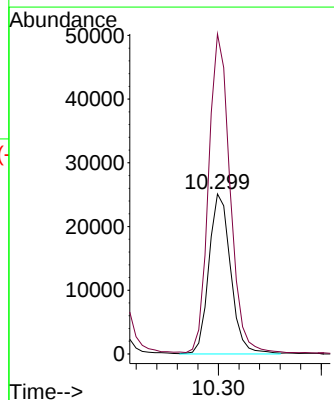
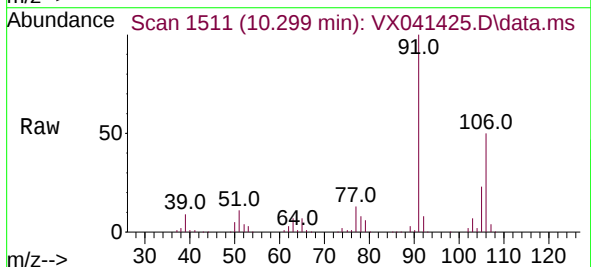
Instrument :
MSVOA_X
ClientSampleId :

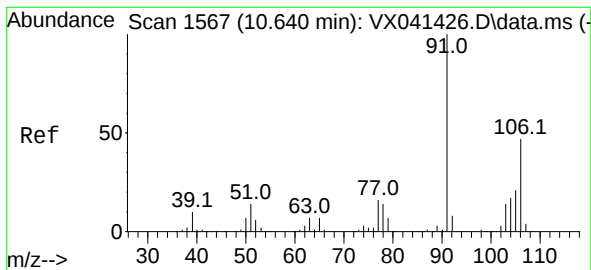
Tgt Ion: 91 Resp: 92904
Ion Ratio Lower Upper
91 100
106 32.4 22.2 41.2



#53
m,p-Xylene
Concen: 9.176 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion: 106 Resp: 36870
Ion Ratio Lower Upper
106 100
91 200.1 138.1 256.5

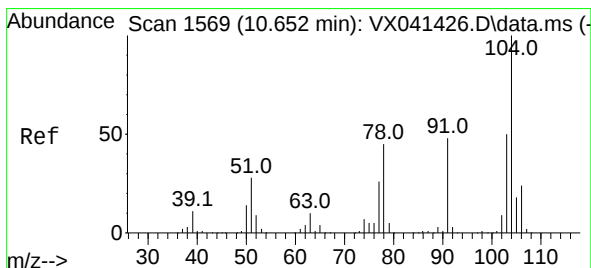
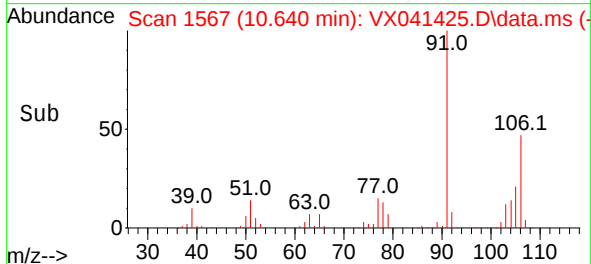
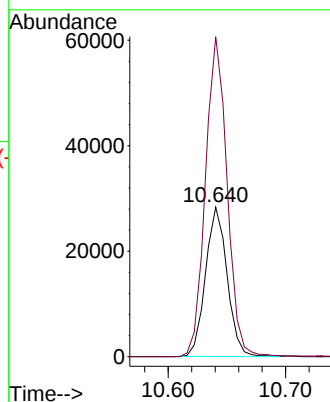
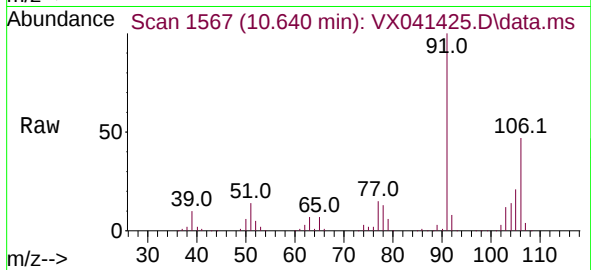




#54
o-Xylene
Concen: 8.837 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

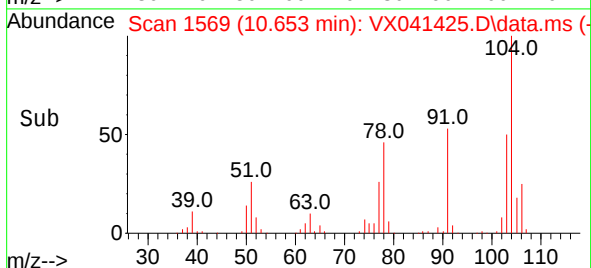
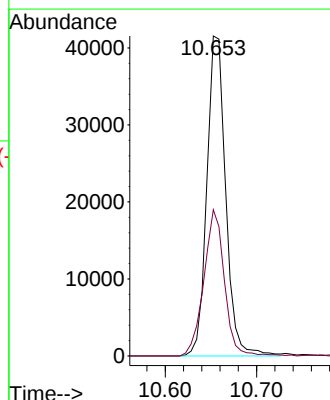
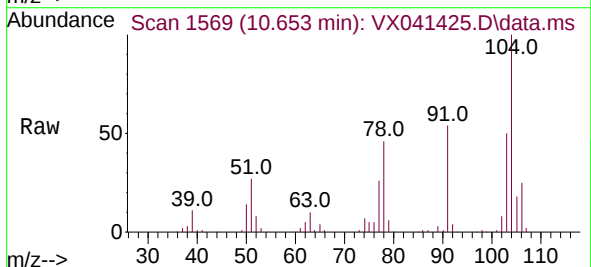
Instrument :
MSVOA_X
ClientSampleId :

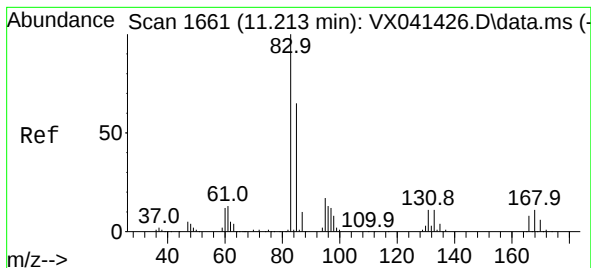
Tgt Ion:106 Resp: 36185
Ion Ratio Lower Upper
106 100
91 214.1 148.4 275.6



#55
Styrene
Concen: 8.693 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion:104 Resp: 59448
Ion Ratio Lower Upper
104 100
78 45.7 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 9.123 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

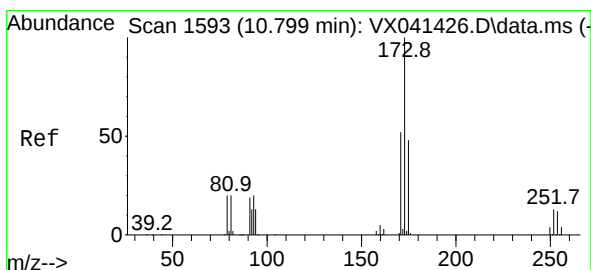
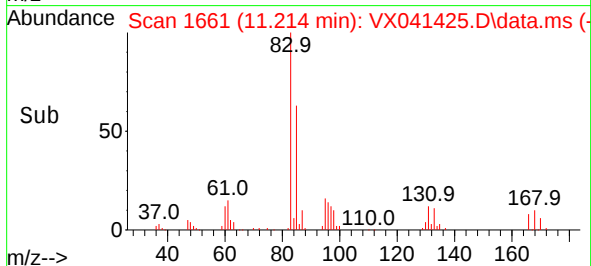
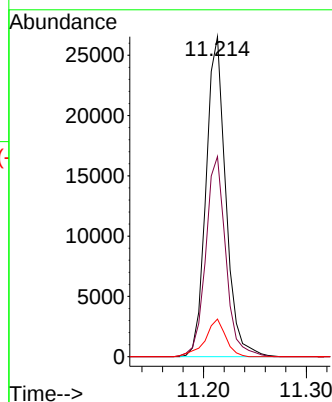
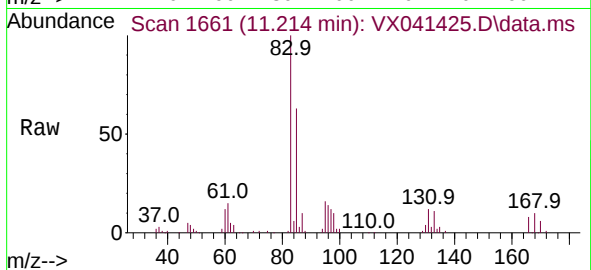
Tgt Ion: 83 Resp: 35366

Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.4

131 11.8 9.0 13.4



#59

Bromoform

Concen: 8.995 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

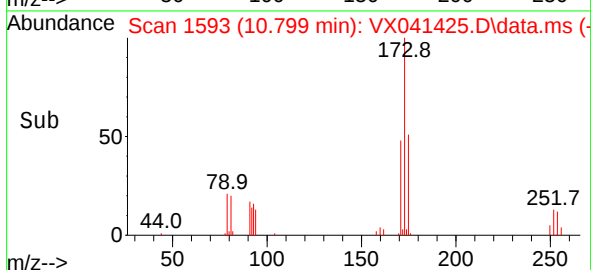
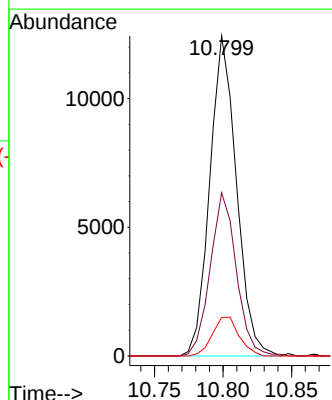
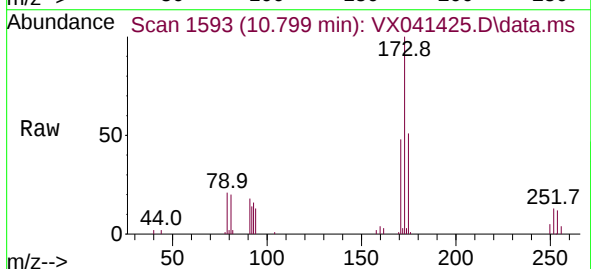
Tgt Ion:173 Resp: 16805

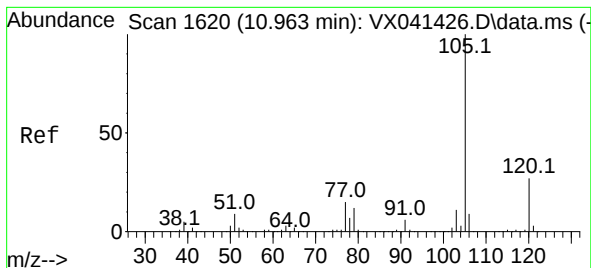
Ion Ratio Lower Upper

173 100

175 50.0 38.6 58.0

254 12.2 10.0 15.0





#60

Isopropylbenzene

Concen: 9.689 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

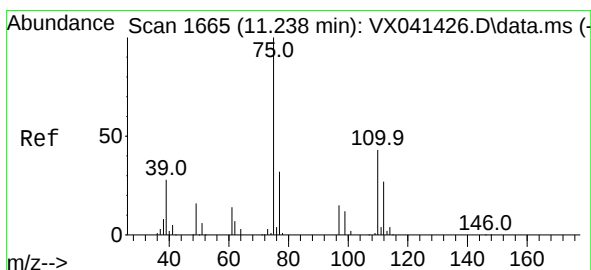
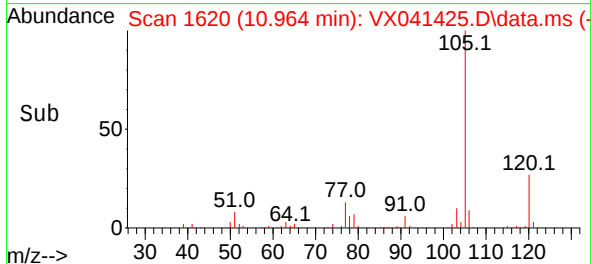
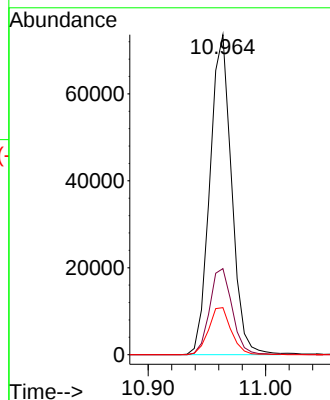
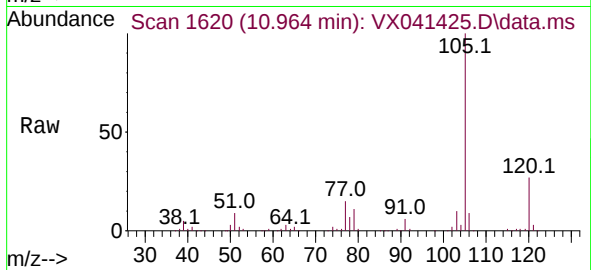
Tgt Ion:105 Resp: 94379

Ion Ratio Lower Upper

105 100

120 27.9 22.0 33.0

77 15.2 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 10.312 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

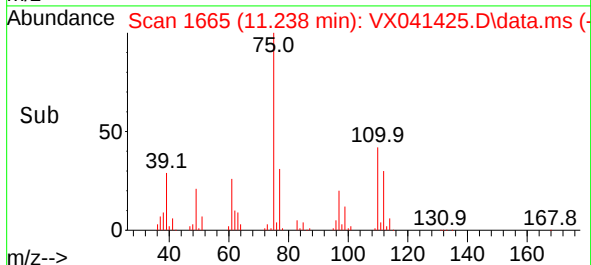
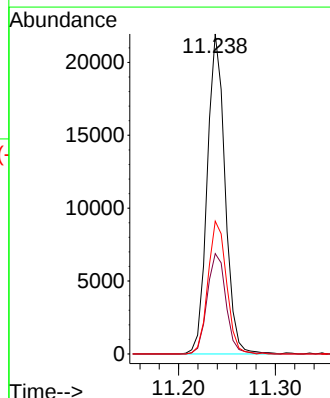
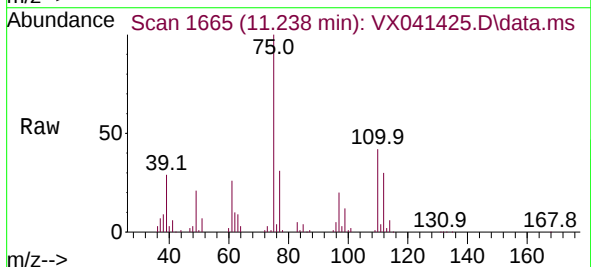
Tgt Ion: 75 Resp: 28144

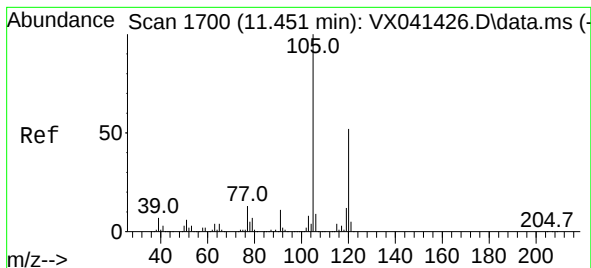
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

110 43.0 34.8 52.2





#62

1,3,5-Trimethylbenzene

Concen: 9.571 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

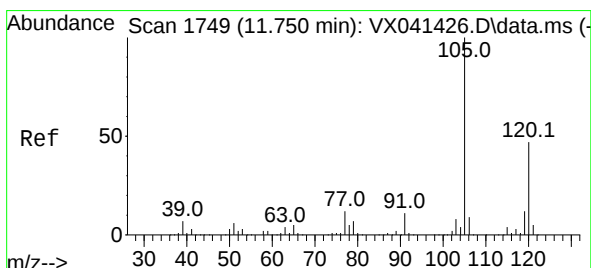
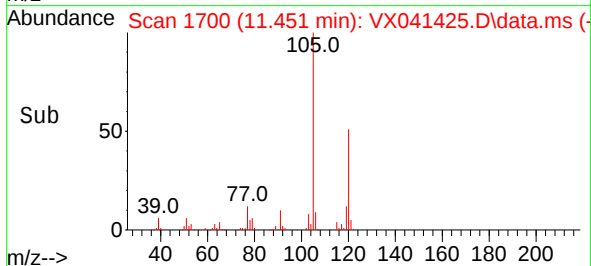
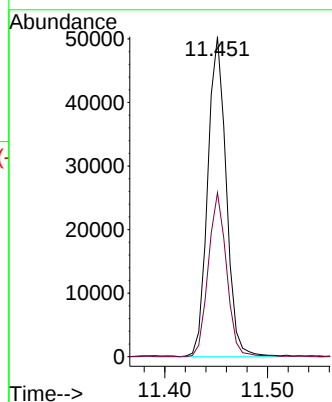
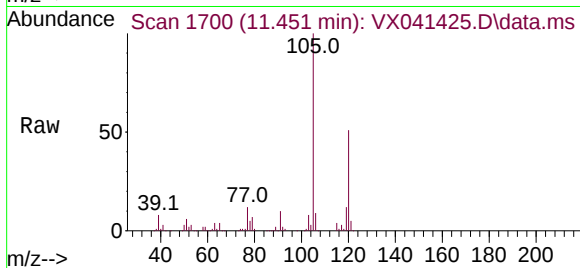
ClientSampleId :

Tgt Ion:105 Resp: 62986

Ion Ratio Lower Upper

105 100

120 50.6 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 9.463 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041425.D

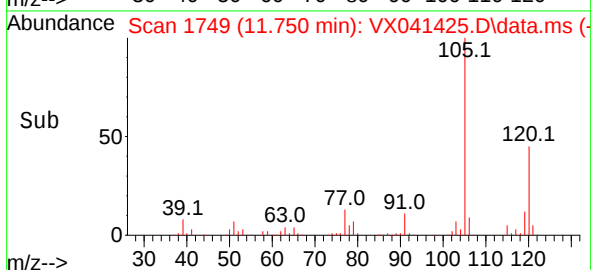
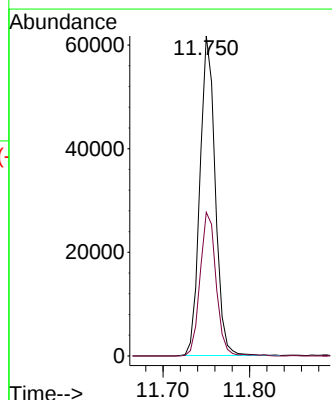
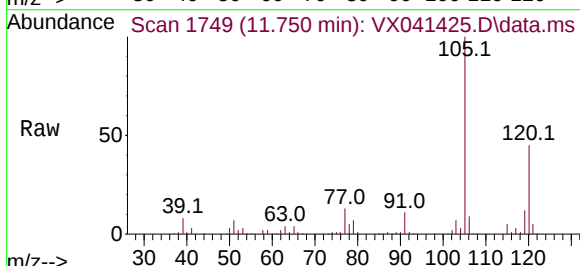
Acq: 09 May 2024 10:13

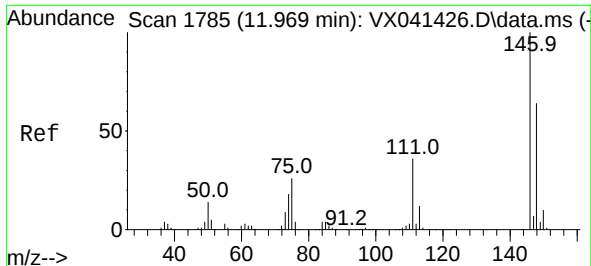
Tgt Ion:105 Resp: 75459

Ion Ratio Lower Upper

105 100

120 46.7 37.9 56.9





#64

1,3-Dichlorobenzene

Concen: 9.524 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

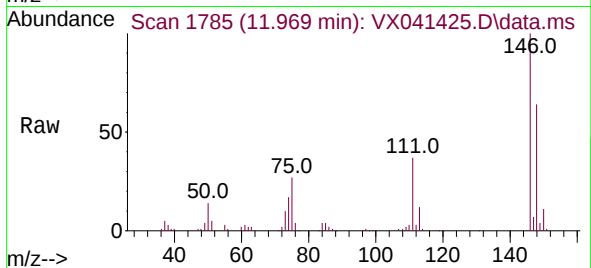
Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :



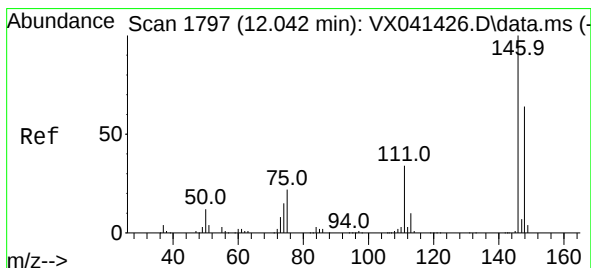
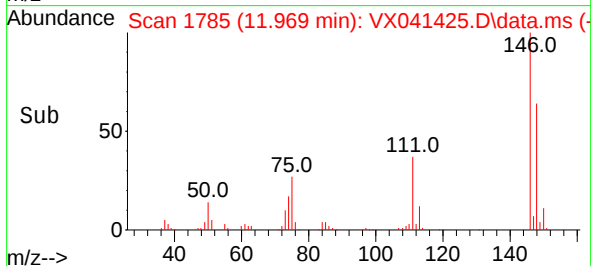
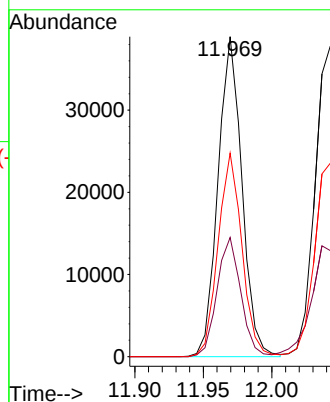
Tgt Ion:146 Resp: 47196

Ion Ratio Lower Upper

146 100

111 37.2 24.8 46.1

148 63.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 9.689 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

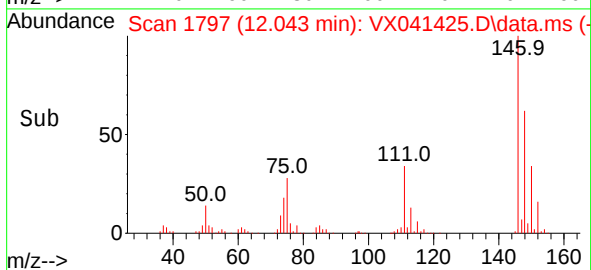
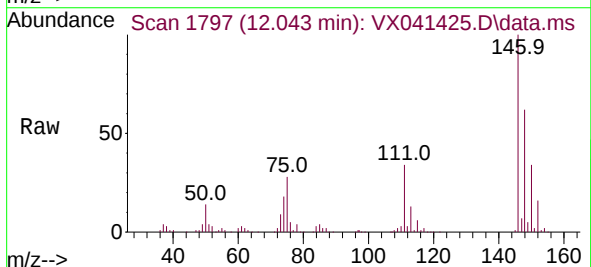
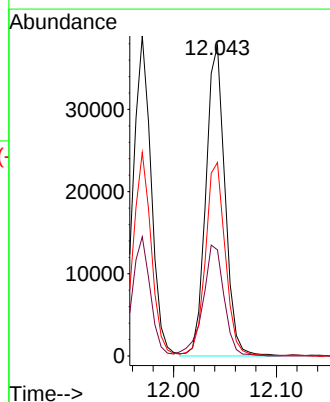
Tgt Ion:146 Resp: 48877

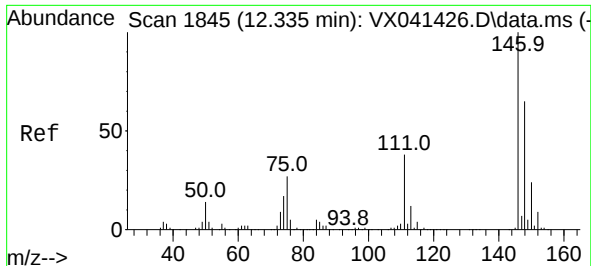
Ion Ratio Lower Upper

146 100

111 34.2 24.1 44.8

148 62.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 9.768 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :

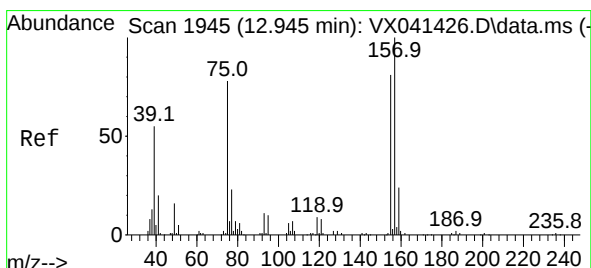
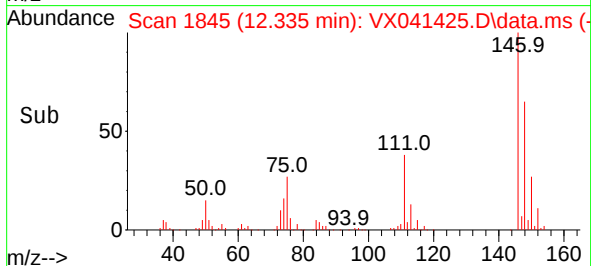
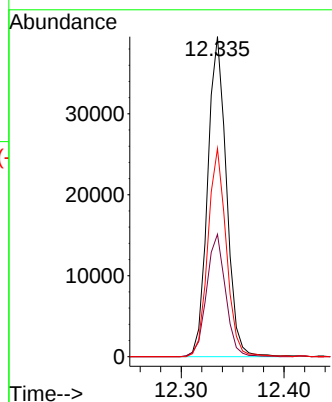
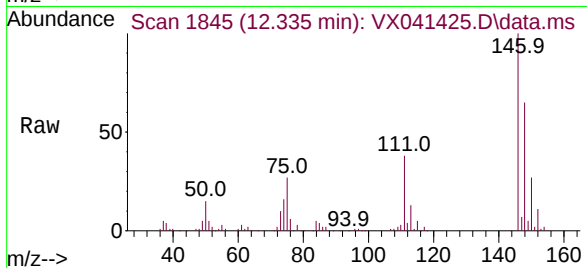
Tgt Ion:146 Resp: 50127

Ion Ratio Lower Upper

146 100

111 38.2 30.2 45.2

148 65.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 9.207 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

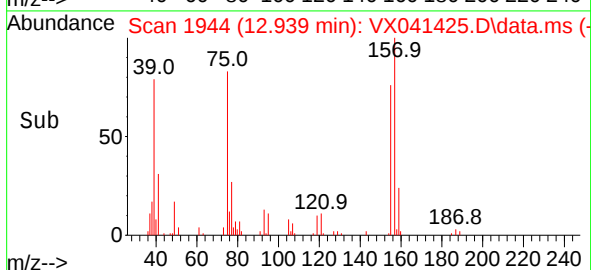
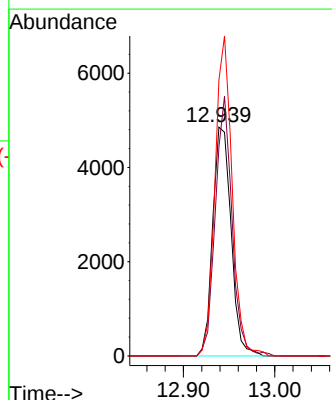
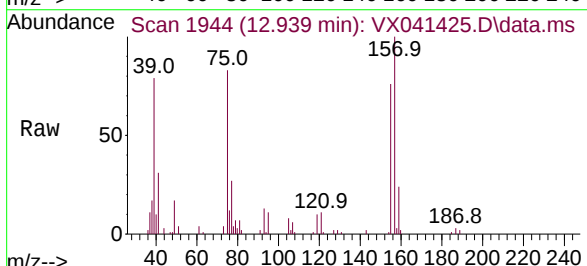
Tgt Ion: 75 Resp: 6761

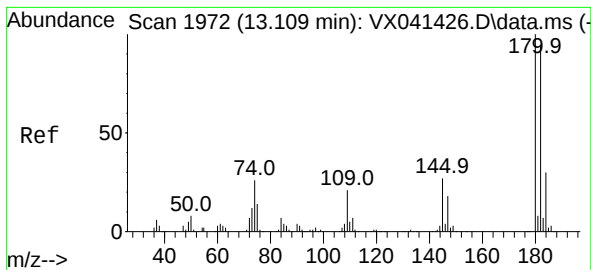
Ion Ratio Lower Upper

75 100

155 91.3 83.2 124.8

157 120.6 103.0 154.6





#69

1,3,5-Trichlorobenzene

Concen: 9.408 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

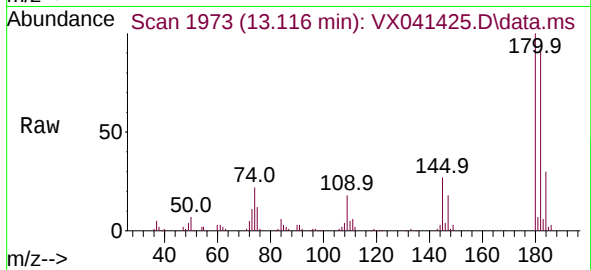
Lab File: VX041425.D

Acq: 09 May 2024 10:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 34796

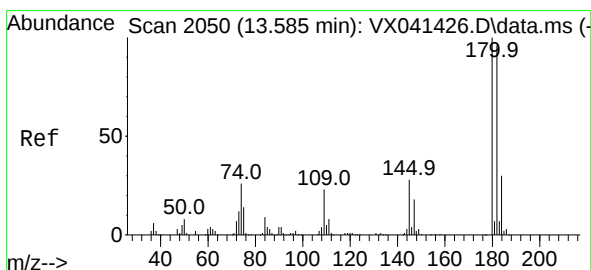
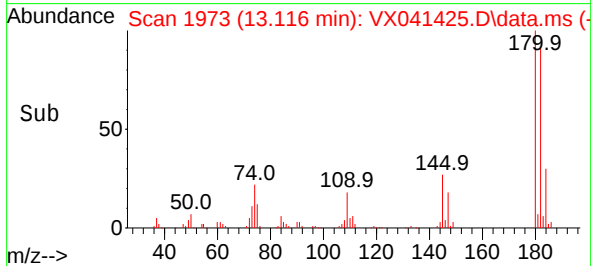
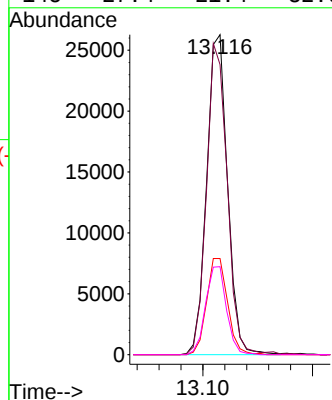
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

184 30.3 24.3 36.5

145 27.4 21.4 32.0



#70

1,2,4-trichlorobenzene

Concen: 9.203 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041425.D

Acq: 09 May 2024 10:13

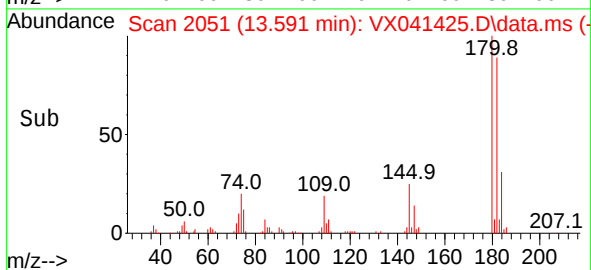
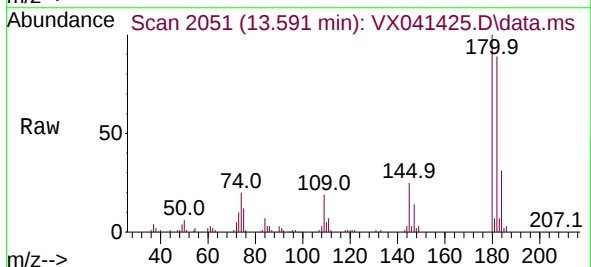
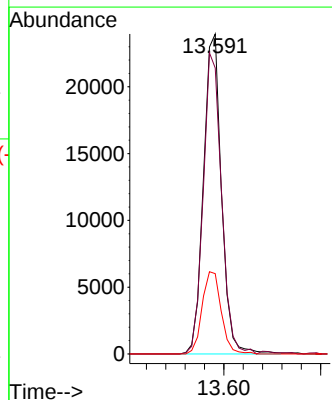
Tgt Ion:180 Resp: 31083

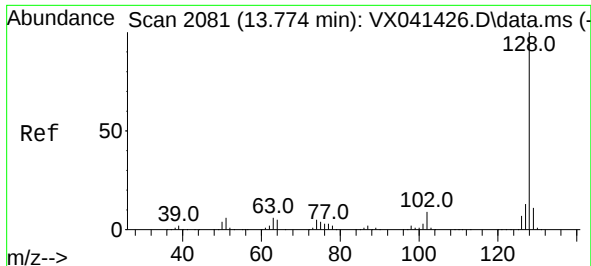
Ion Ratio Lower Upper

180 100

182 94.7 76.3 114.5

145 27.0 22.0 33.0

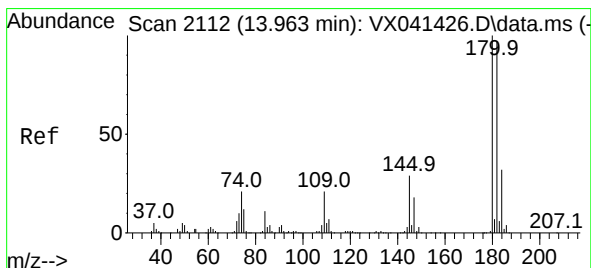
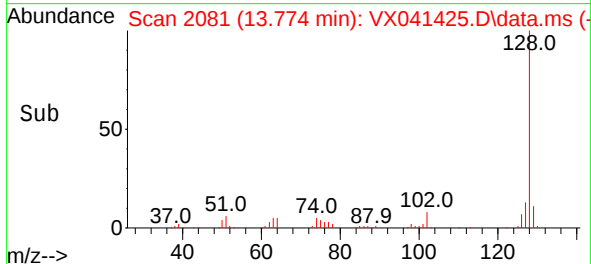
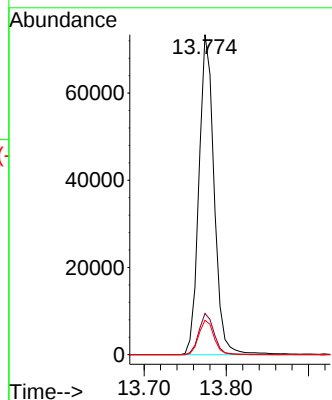
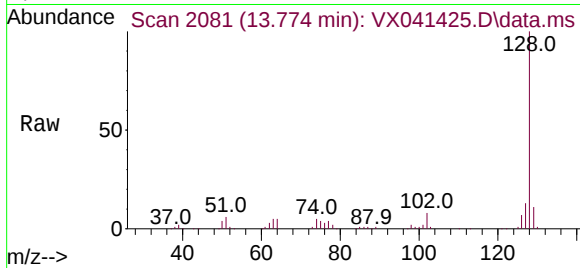




#71
Naphthalene
Concen: 9.347 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 94233
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 9.409 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041425.D
Acq: 09 May 2024 10:13

Tgt Ion:180 Resp: 33135
Ion Ratio Lower Upper
180 100
182 98.5 77.5 116.3
145 29.3 23.8 35.8

