

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042821.D
 Acq On : 02 Aug 2024 03:28
 Operator : JC/MD
 Sample : P3426-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 927-K1-WS-073124-FD

Quant Time: Aug 02 05:42:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

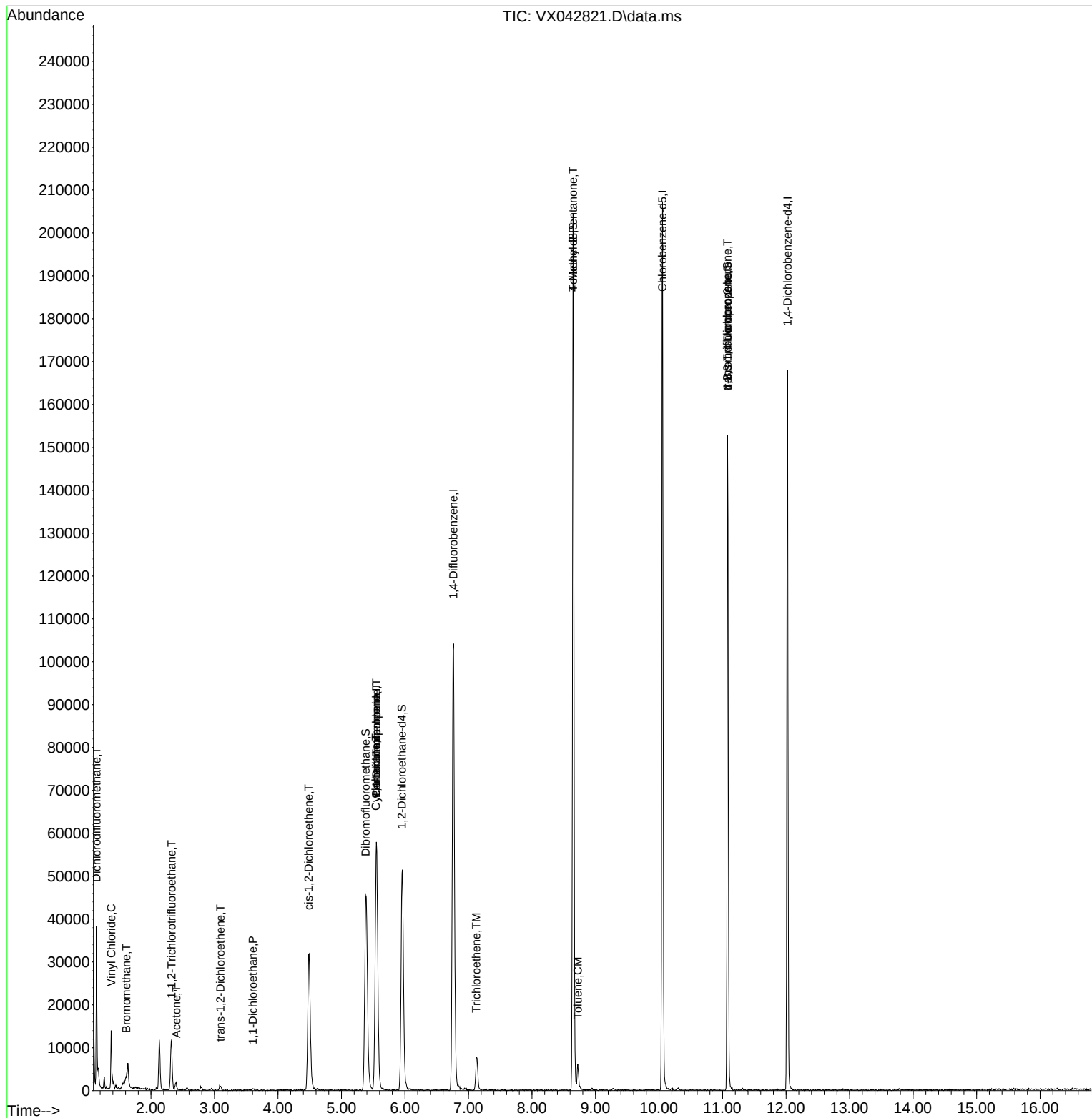
Internal Standards						
1) Pentafluorobenzene	5.550	168	52408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52304	62.120	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	124.240%#
35) Dibromofluoromethane	5.379	113	41868	55.747	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.500%
50) Toluene-d8	8.647	98	123050	45.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.280%#
62) 4-Bromofluorobenzene	11.079	95	41699	41.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	3337	4.018	ug/l	88
3) Chloromethane	1.294	50	173	Below Cal	#	53
4) Vinyl Chloride	1.374	62	8324	12.805	ug/l	98
5) Bromomethane	1.611	94	143	0.638	ug/l #	3
9) 1,1,2-Trichlorotrifluo...	2.325	101	4671	7.098	ug/l	98
11) Tert butyl alcohol	2.971	59	68	Below Cal	#	78
16) Acetone	2.398	43	2090	6.836	ug/l	98
20) Methylene Chloride	2.794	84	507	Below Cal	#	43
21) trans-1,2-Dichloroethene	3.093	96	600	0.912	ug/l #	59
24) 1,1-Dichloroethane	3.605	63	524	0.459	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	21703	28.209	ug/l	81
31) Cyclohexane	5.544	56	1160	1.250	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	4514	4.635	ug/l #	51
38) Carbon Tetrachloride	5.550	117	6187	5.512	ug/l #	18
44) Trichloroethene	7.123	130	3486	4.357	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	609	0.591	ug/l #	1
52) Toluene	8.720	92	2310	1.165	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	22672	28.325	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	22672	83.836	ug/l #	5

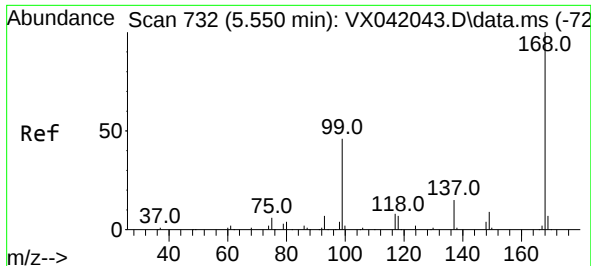
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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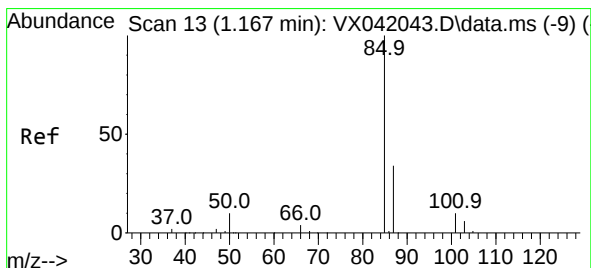
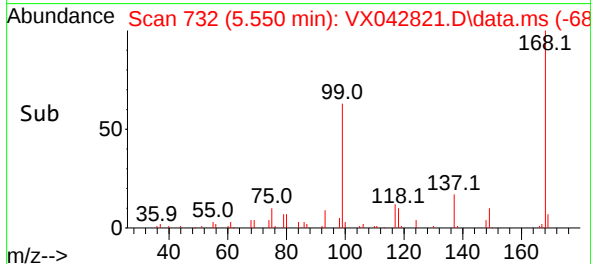
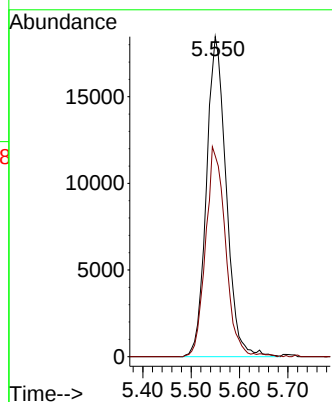
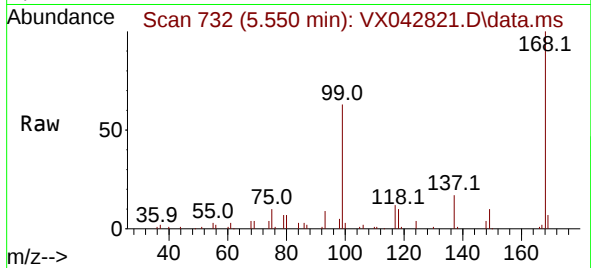




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

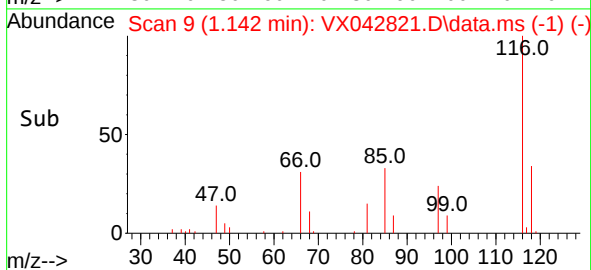
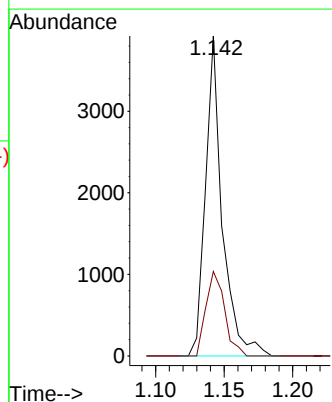
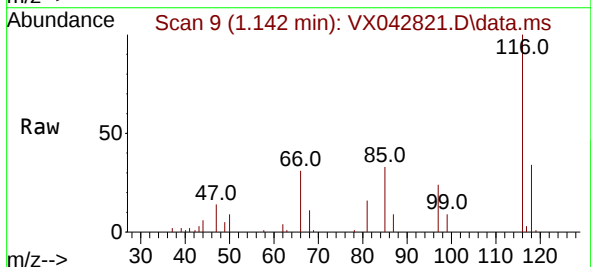
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

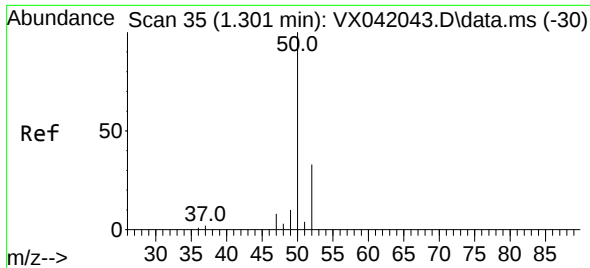
Tgt Ion:168 Resp: 52408
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 4.018 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 85 Resp: 3337
Ion Ratio Lower Upper
85 100
87 26.4 16.7 50.1

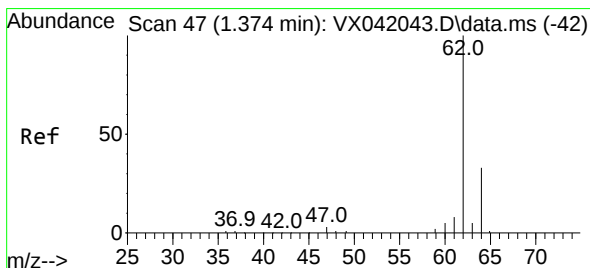
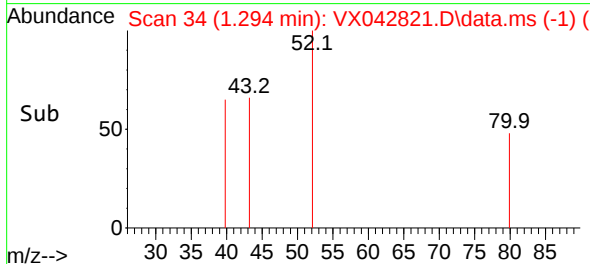
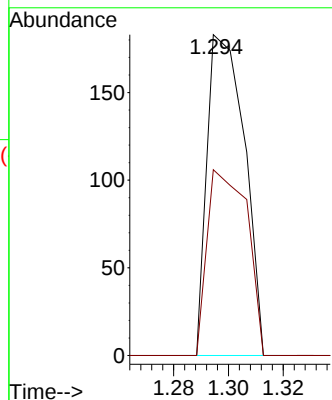
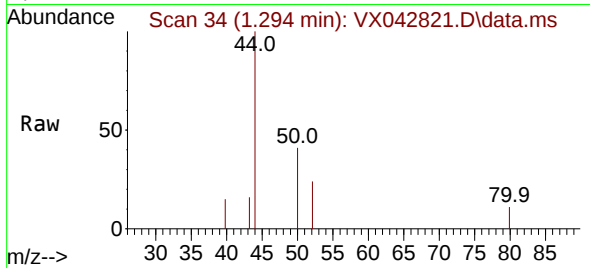




#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

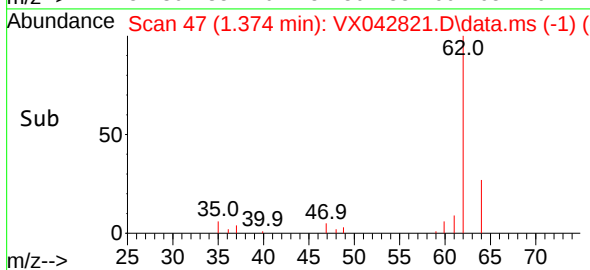
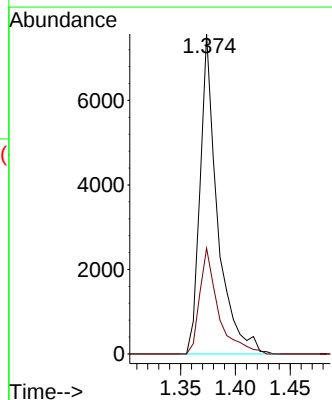
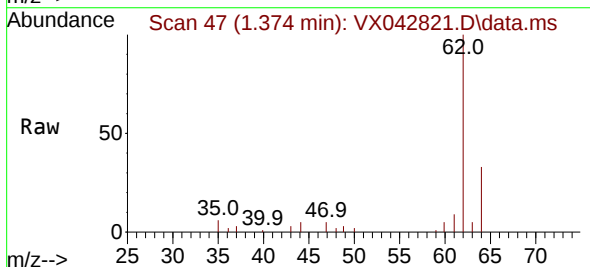
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

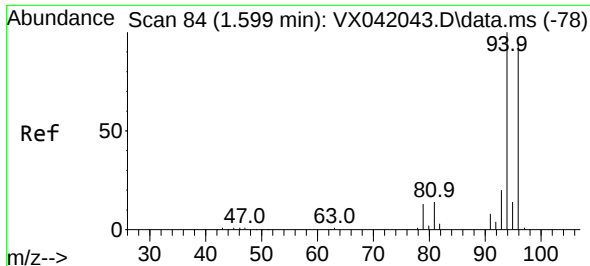
Tgt Ion: 50 Resp: 173
Ion Ratio Lower Upper
50 100
52 57.9 25.5 38.3#



#4
Vinyl Chloride
Concen: 12.805 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 62 Resp: 8324
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

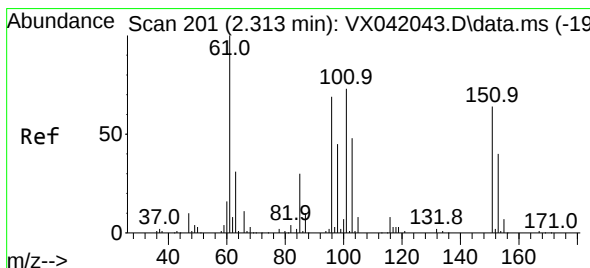
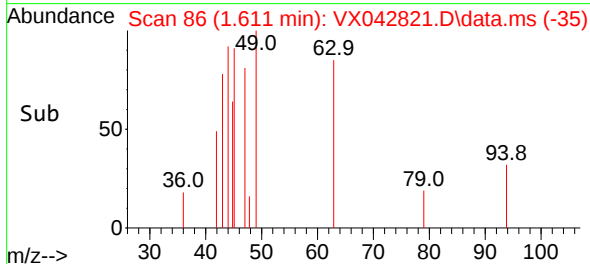
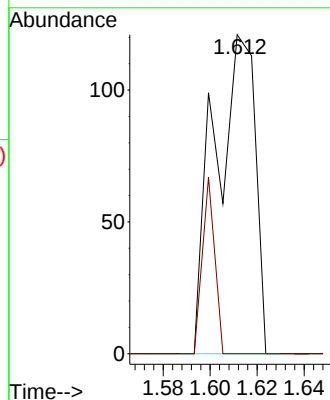
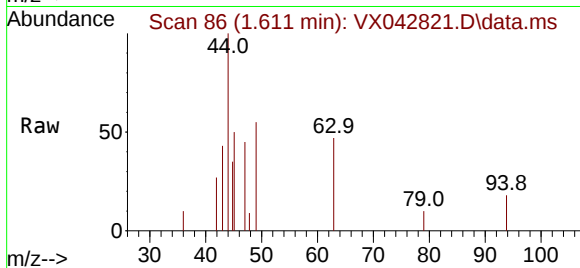




#5
Bromomethane
Concen: 0.638 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

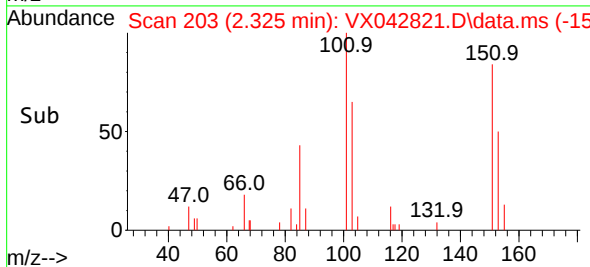
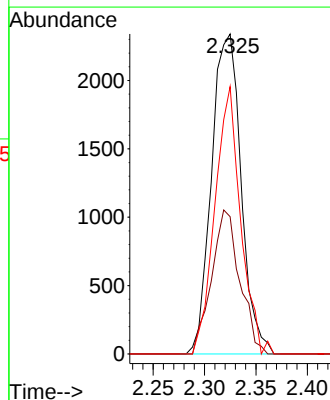
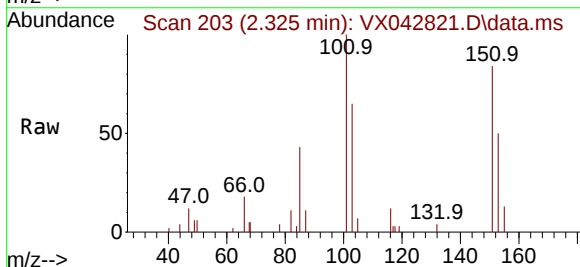
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

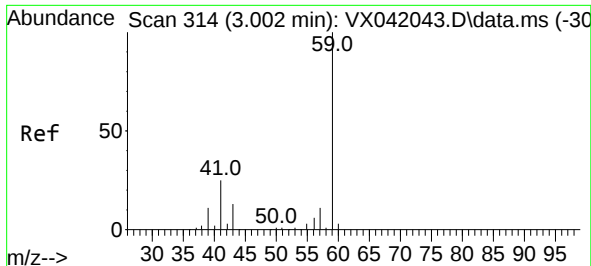
Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.098 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.013 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 101 Resp: 4671
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 72.9 58.6 87.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 30

Delta R.T. -0.036 min

Lab File: VX042821.D

Acq: 02 Aug 2024 03:28

Instrument :

MSVOA_X

ClientSampleId :

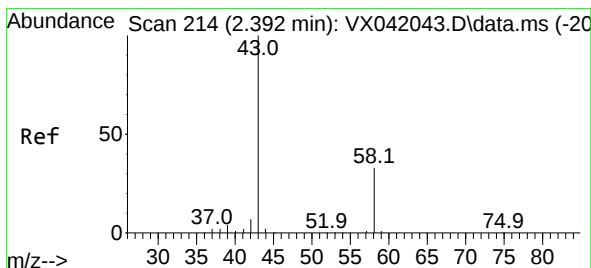
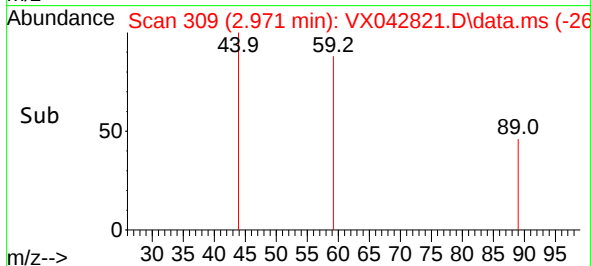
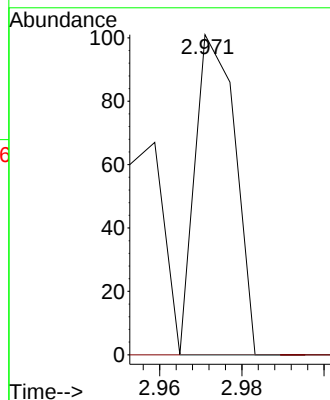
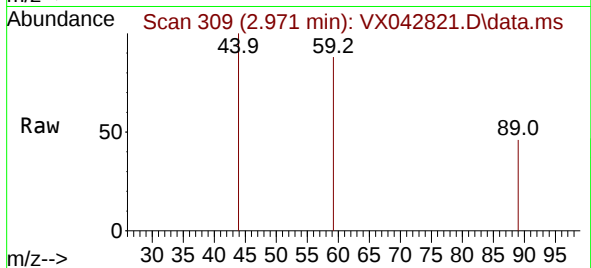
927-K1-WS-073124-FD

Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 6.836 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX042821.D

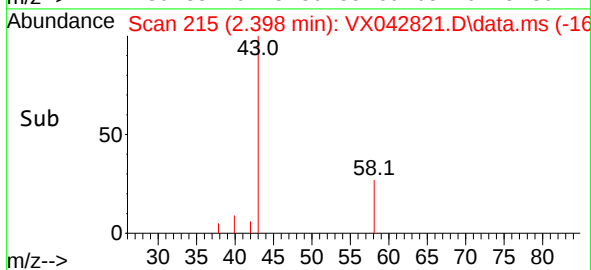
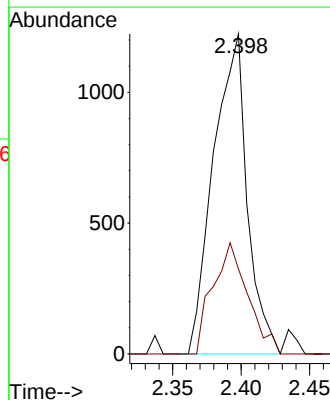
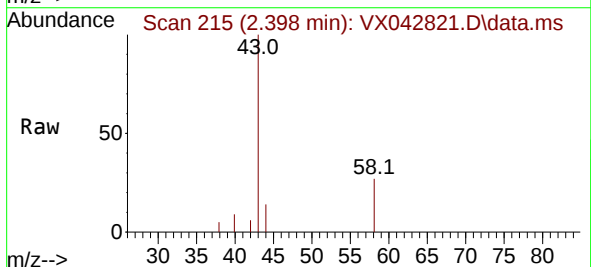
Acq: 02 Aug 2024 03:28

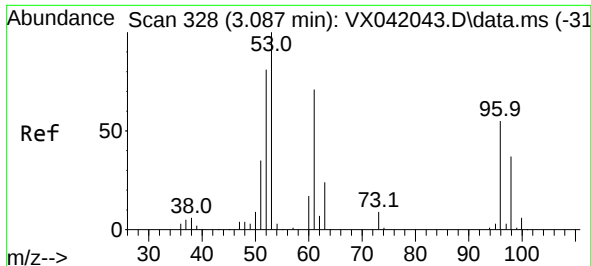
Tgt Ion: 43 Resp: 2090

Ion Ratio Lower Upper

43 100

58 26.6 21.9 32.9

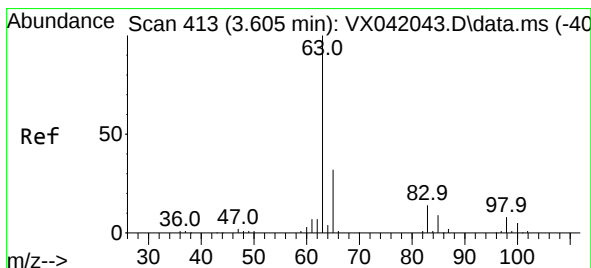
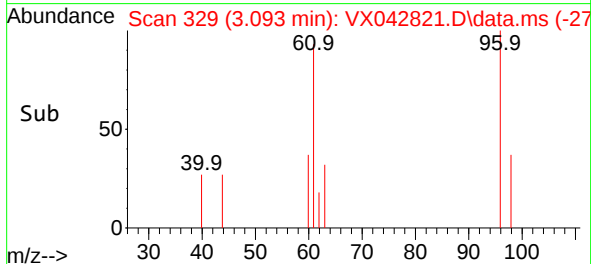
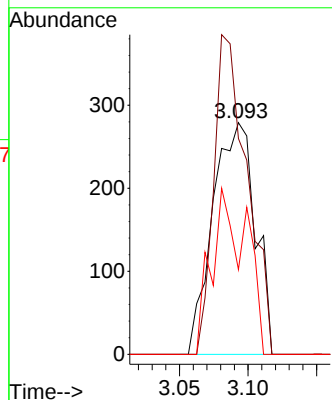
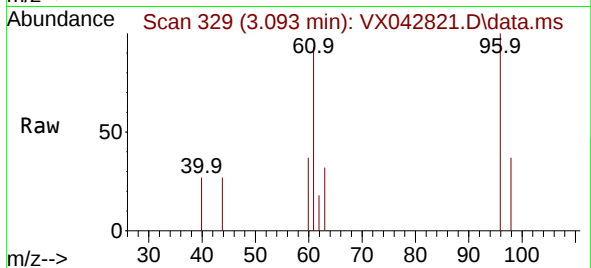




#21
trans-1,2-Dichloroethene
Concen: 0.912 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

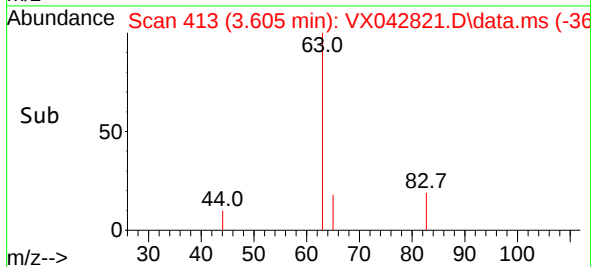
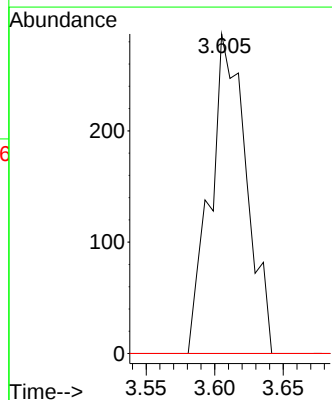
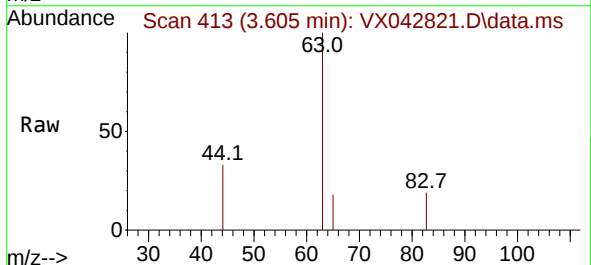
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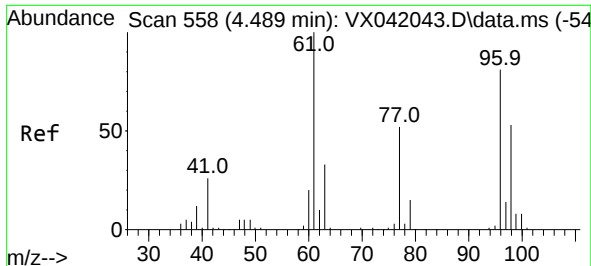
Tgt Ion: 96 Resp: 600
Ion Ratio Lower Upper
96 100
61 93.2 119.2 178.8#
98 36.6 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 0.459 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 63 Resp: 524
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 28.209 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042821.D

Acq: 02 Aug 2024 03:28

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WS-073124-FD

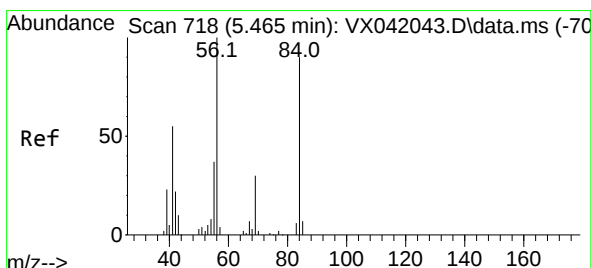
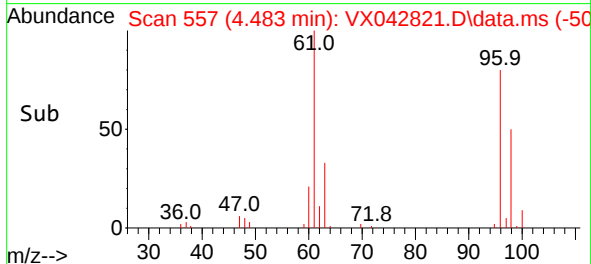
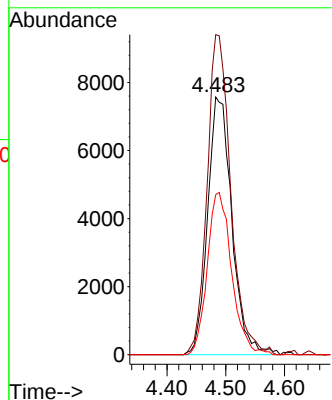
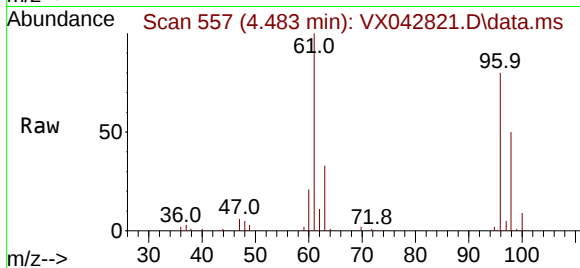
Tgt Ion: 96 Resp: 21703

Ion Ratio Lower Upper

96 100

61 121.3 0.0 312.2

98 63.3 0.0 129.0



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.080 min

Lab File: VX042821.D

Acq: 02 Aug 2024 03:28

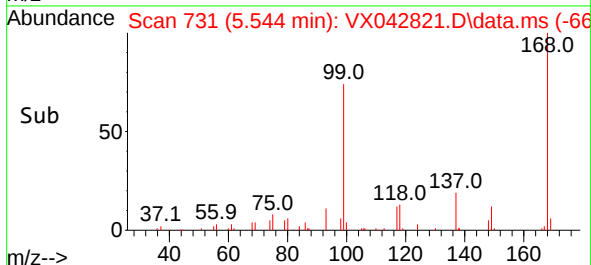
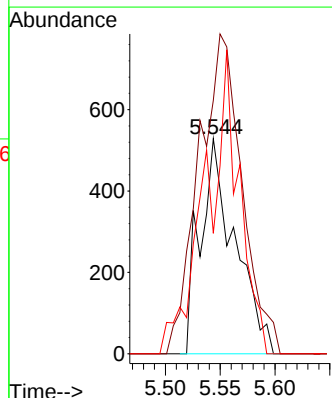
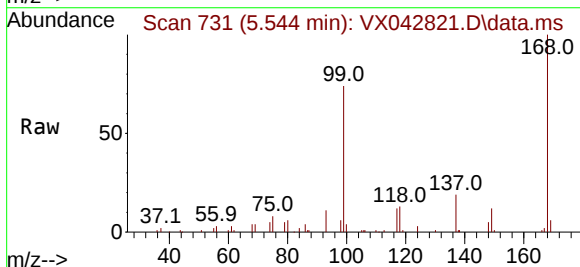
Tgt Ion: 56 Resp: 1160

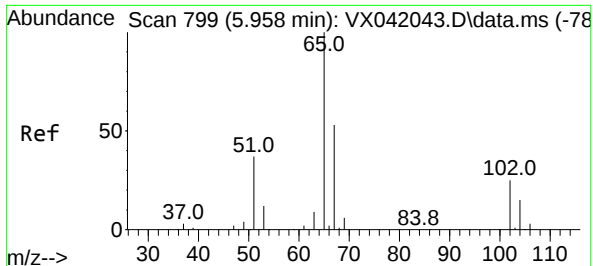
Ion Ratio Lower Upper

56 100

69 117.8 23.4 35.2#

84 56.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 62.120 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042821.D

Acq: 02 Aug 2024 03:28

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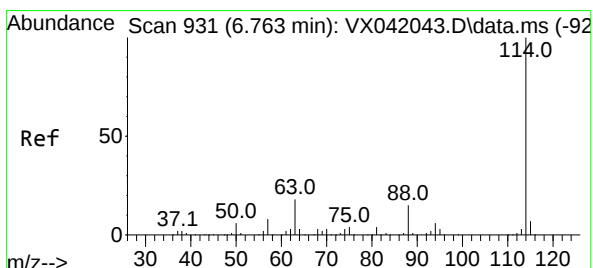
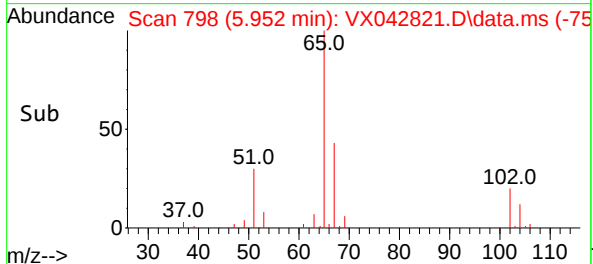
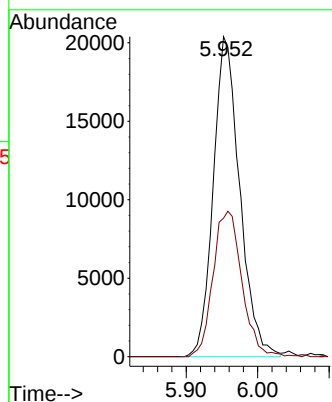
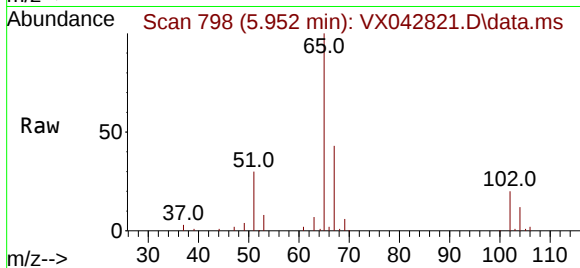
927-K1-WS-073124-FD

Tgt Ion: 65 Resp: 52304

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042821.D

Acq: 02 Aug 2024 03:28

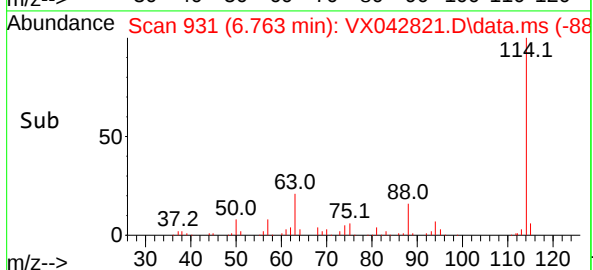
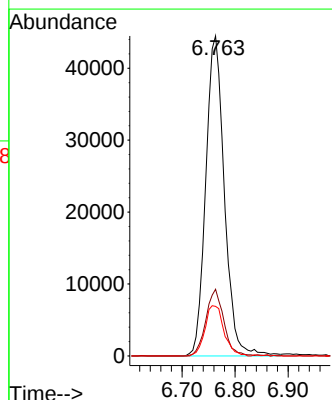
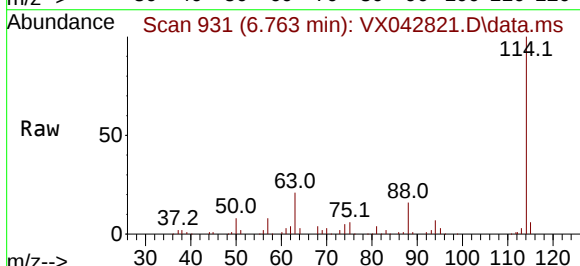
Tgt Ion: 114 Resp: 108718

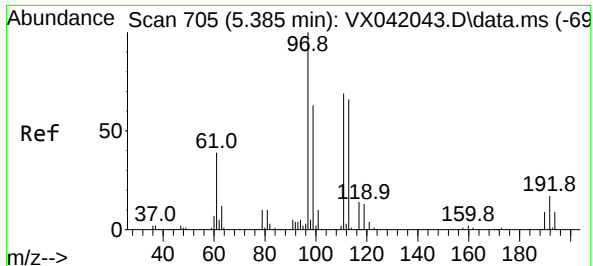
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

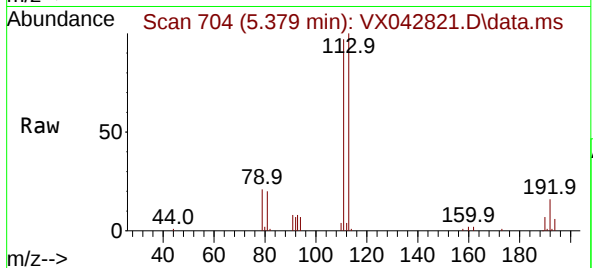
88 15.5 0.0 36.6





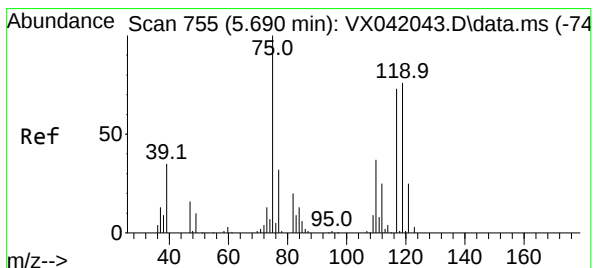
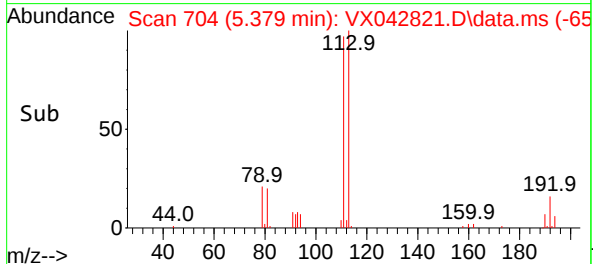
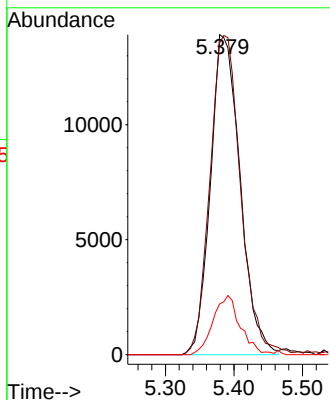
#35
Dibromofluoromethane
Concen: 55.747 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD



Tgt Ion:113 Resp: 41868

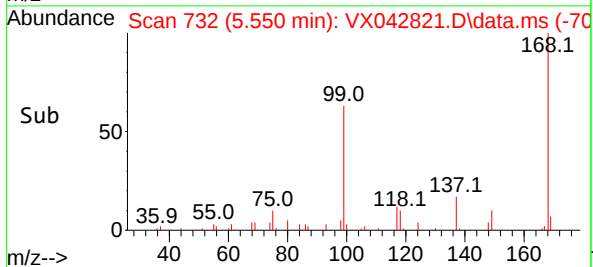
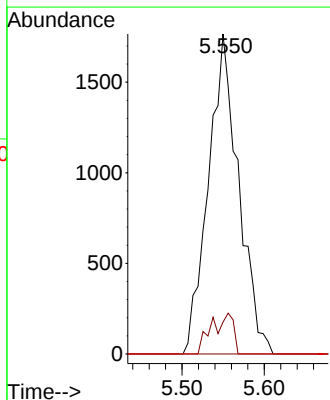
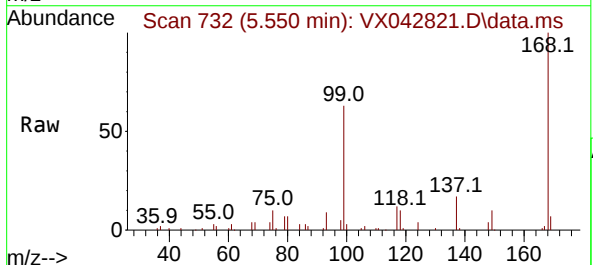
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	16.9	13.3	19.9

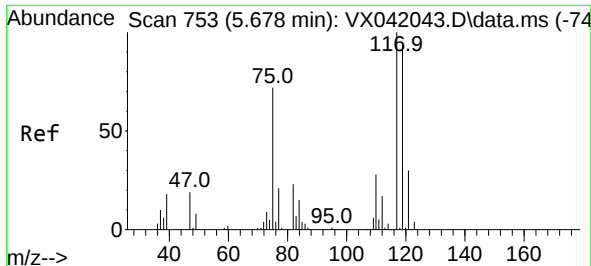


#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 75 Resp: 4514

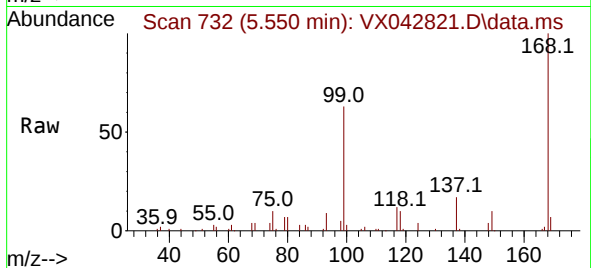
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



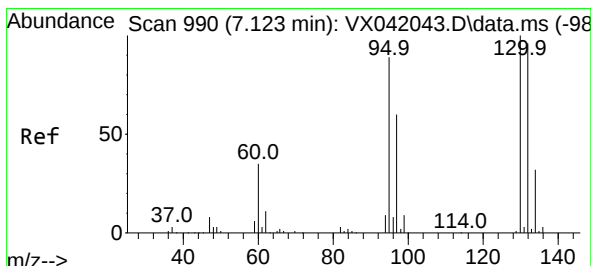
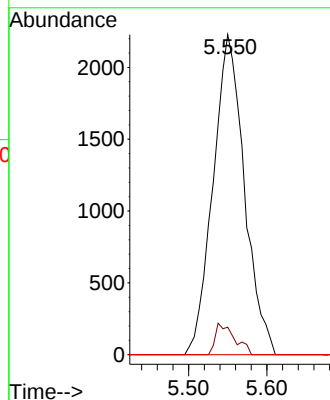
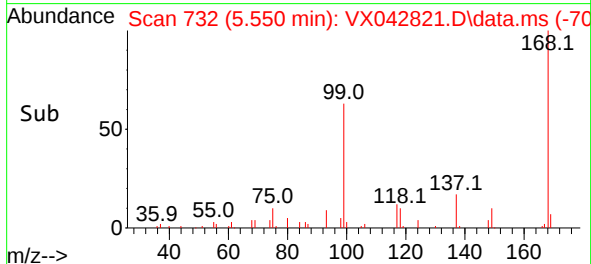


#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

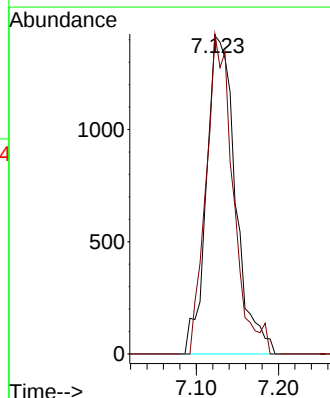
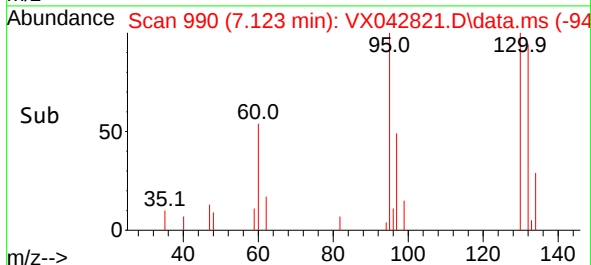
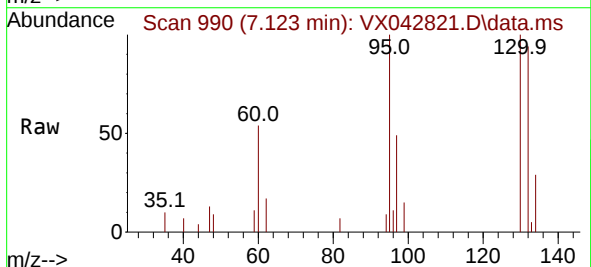


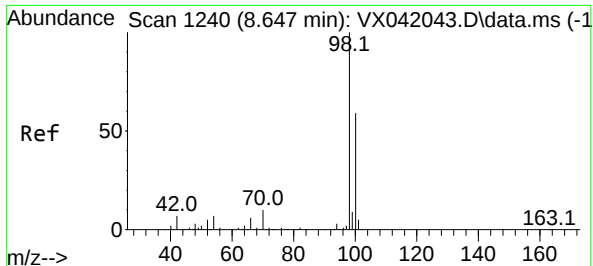
Tgt Ion:117 Resp: 6187
Ion Ratio Lower Upper
117 100
119 8.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.357 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion:130 Resp: 3486
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.4

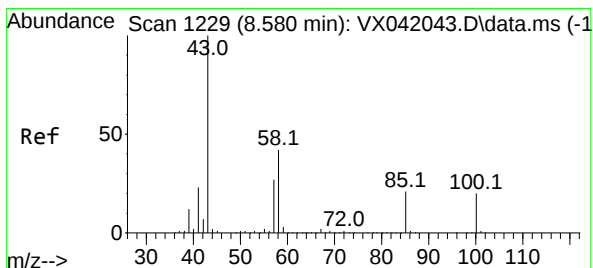
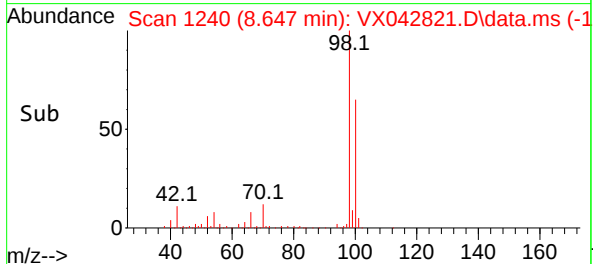
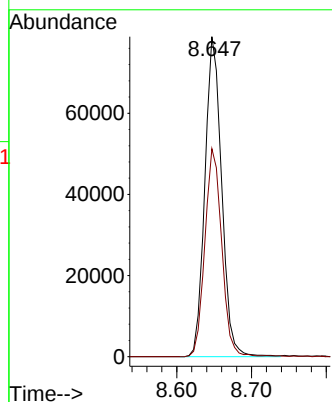
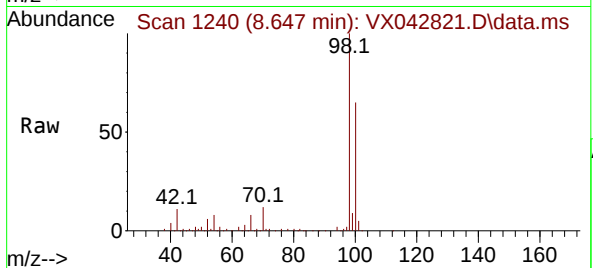




#50
Toluene-d8
Concen: 45.138 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

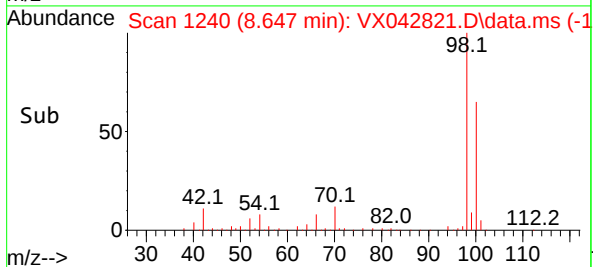
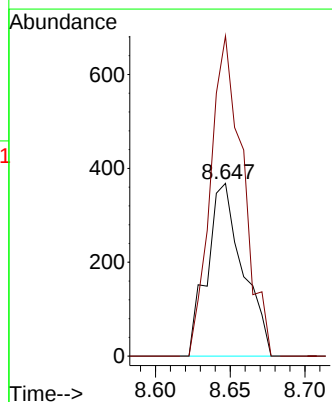
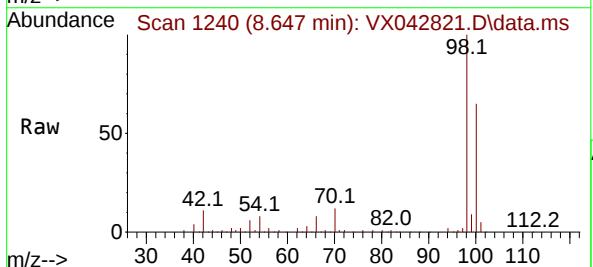
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

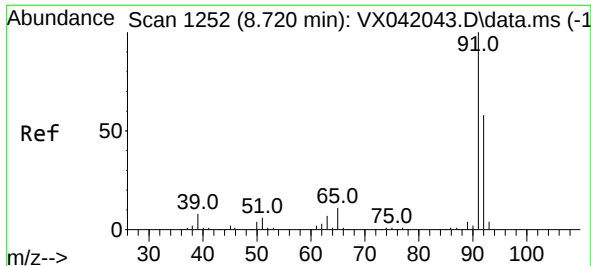
Tgt Ion: 98 Resp: 123050
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 169.6 30.4 45.6#

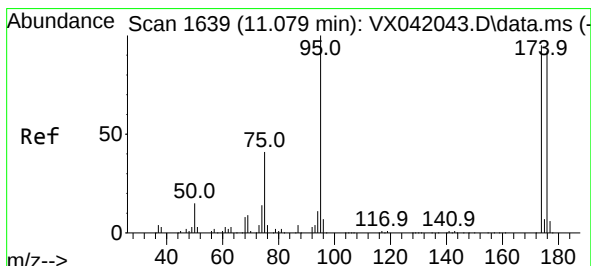
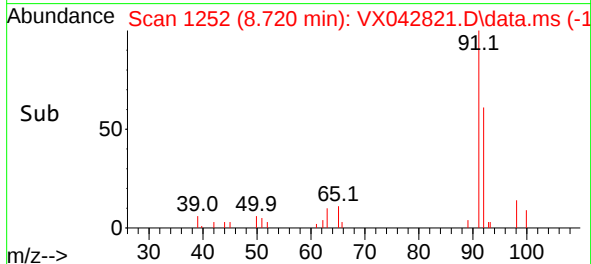
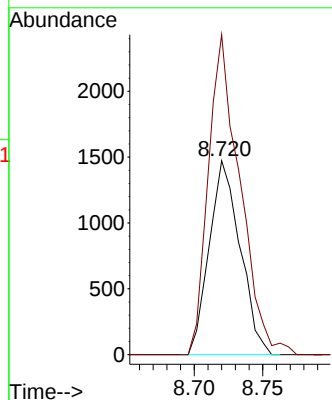
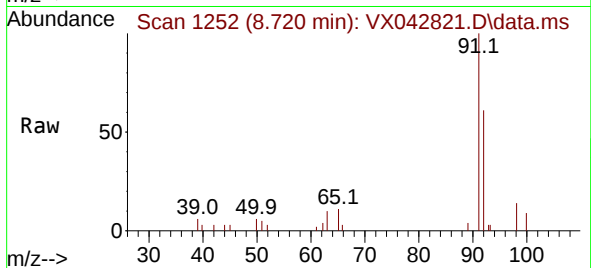




#52
Toluene
Concen: 1.165 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

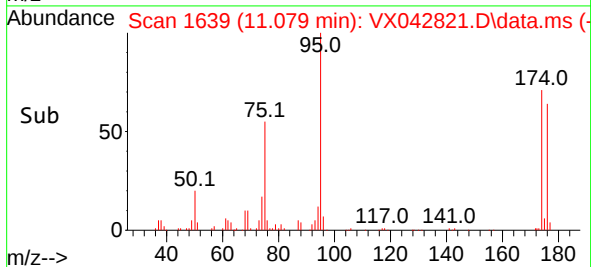
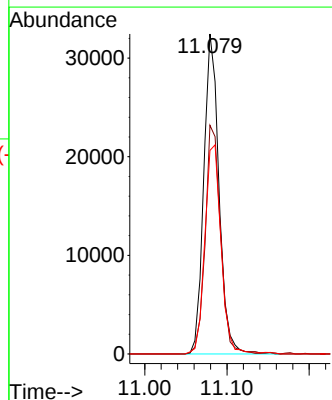
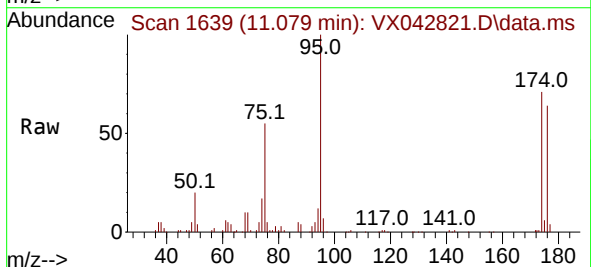
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

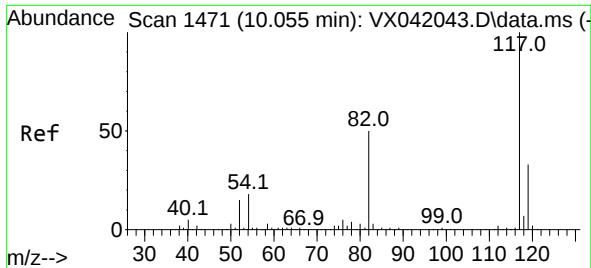
Tgt Ion: 92 Resp: 2310
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 41.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 95 Resp: 41699
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 69.9 0.0 131.0

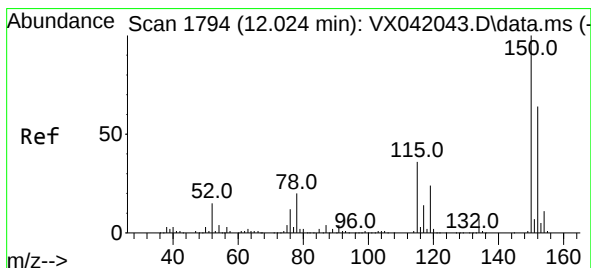
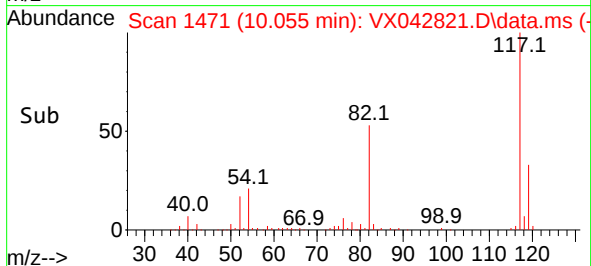
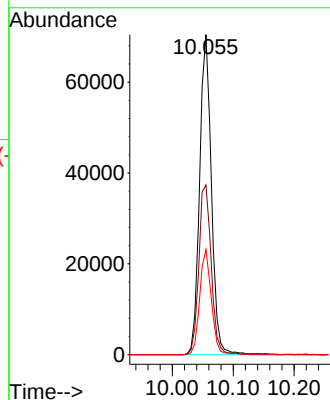
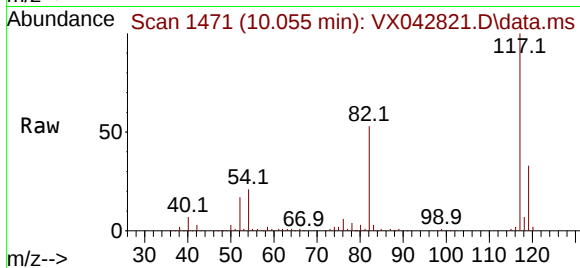




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

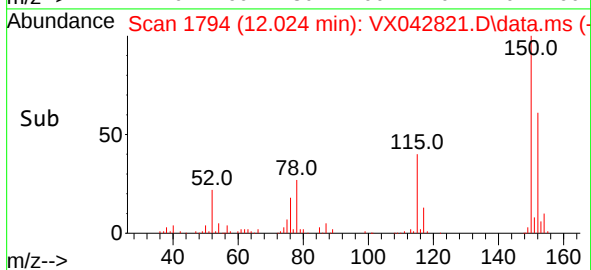
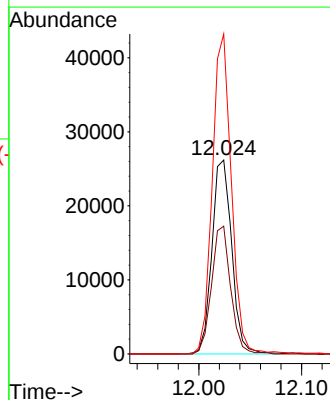
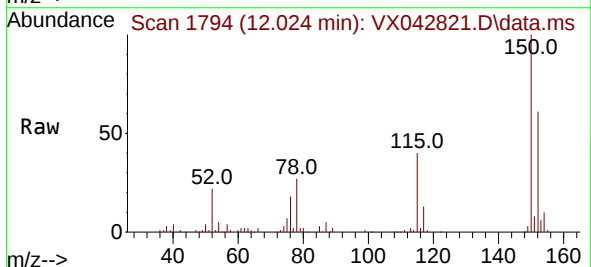
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

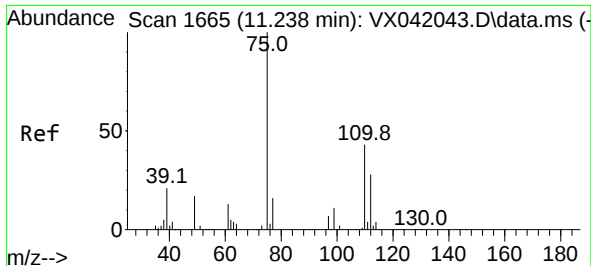
Tgt Ion:	117	Resp:	94626
Ion Ratio	Lower	Upper	
117	100		
82	53.1	46.2	69.4
119	32.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion:	152	Resp:	35029
Ion Ratio	Lower	Upper	
152	100		
115	63.7	43.3	129.9
150	158.5	0.0	345.0

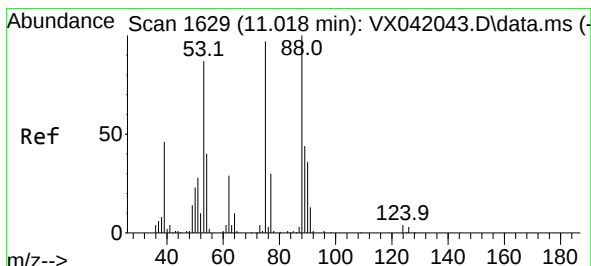
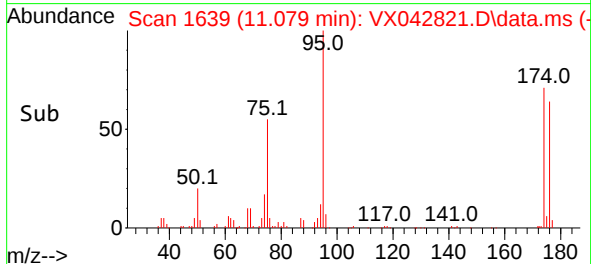
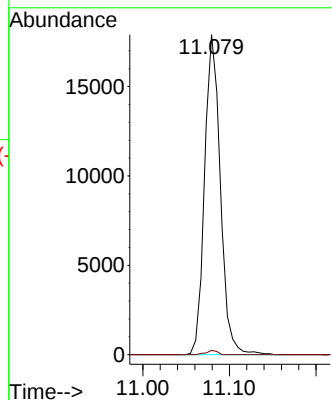
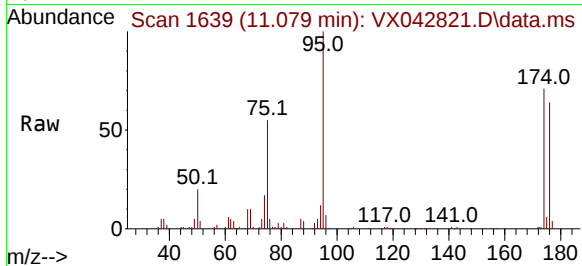




#76
1,2,3-Trichloropropane
Concen: 28.325 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124-FD

Tgt Ion: 75 Resp: 22672
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042821.D
Acq: 02 Aug 2024 03:28

Tgt Ion: 75 Resp: 22672
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

