

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033890.D
 Acq On : 25 Jan 2023 16:11
 Operator : JC/MD
 Sample : 01308-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:01:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

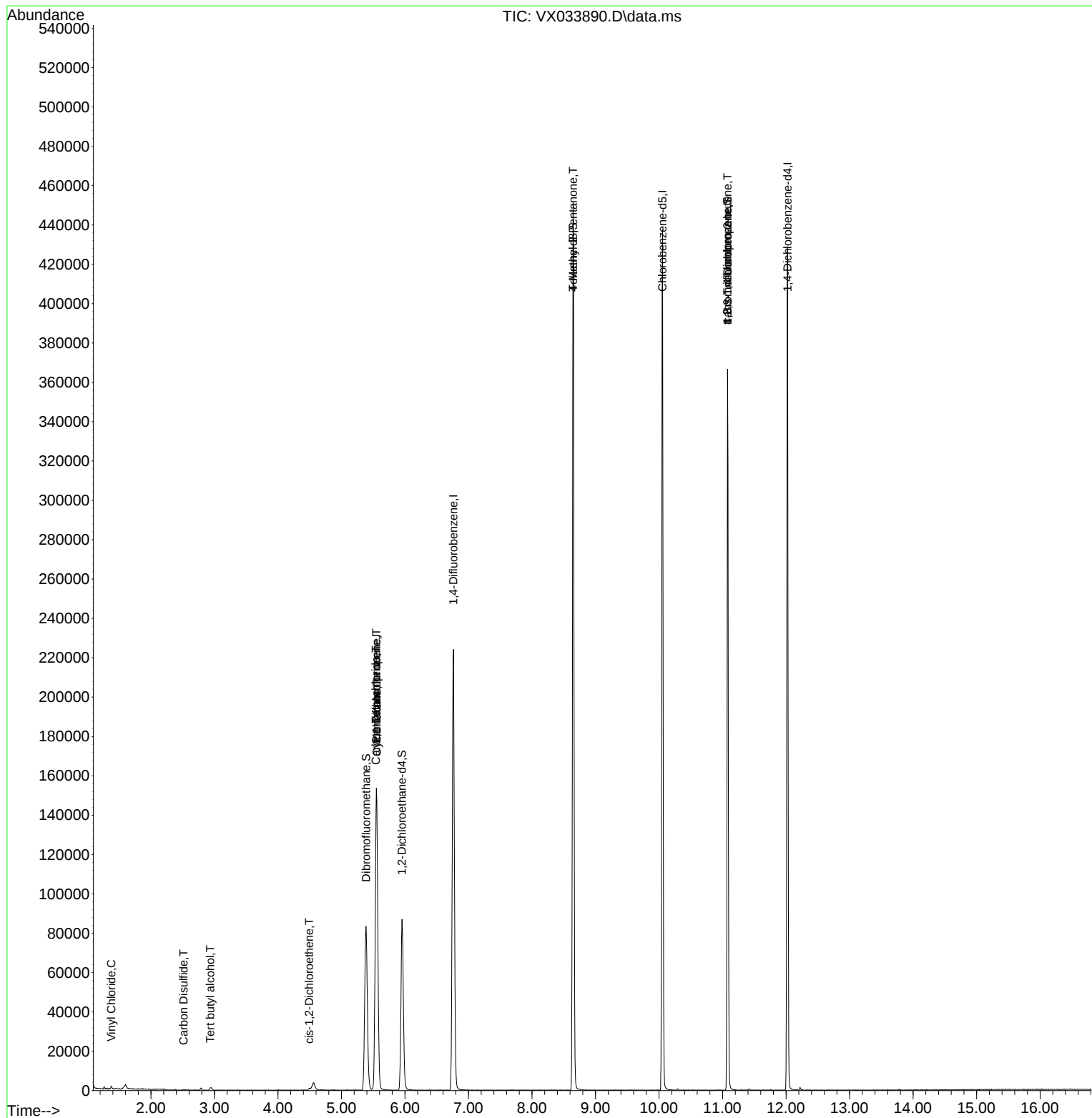
Internal Standards						
1) Pentafluorobenzene	5.550	168	167085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80807	45.933	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.860%	
35) Dibromofluoromethane	5.385	113	74365	48.772	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.540%	
50) Toluene-d8	8.647	98	274716	49.450	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.900%	
62) 4-Bromofluorobenzene	11.079	95	94468	45.800	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	824	0.582	ug/l	98
11) Tert butyl alcohol	2.934	59	917	3.001	ug/l #	86
16) Acetone	2.374	43	473	Below Cal	#	47
17) Carbon Disulfide	2.514	76	267	1.897	ug/l #	76
20) Methylene Chloride	2.788	84	517	Below Cal	#	76
27) cis-1,2-Dichloroethene	4.489	96	741	0.406	ug/l	72
31) Cyclohexane	5.556	56	2388	0.922	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10036	4.510	ug/l #	48
37) Ethyl Acetate	4.568	43	159	Below Cal	#	1
38) Carbon Tetrachloride	5.544	117	14483	6.284	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1073	0.497	ug/l #	1
73) Isopropylbenzene	11.079	105	122	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43762	22.982	ug/l #	34
79) 2-Chlorotoluene	11.378	91	20	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43762	71.426	ug/l #	8
82) 4-Chlorotoluene	11.378	91	20	Below Cal	#	43

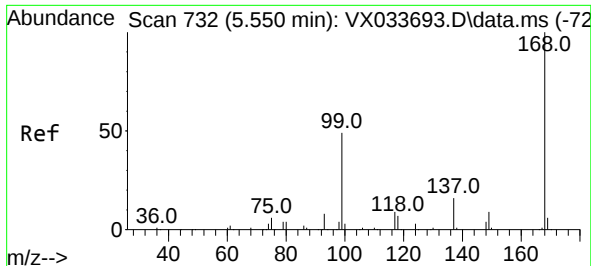
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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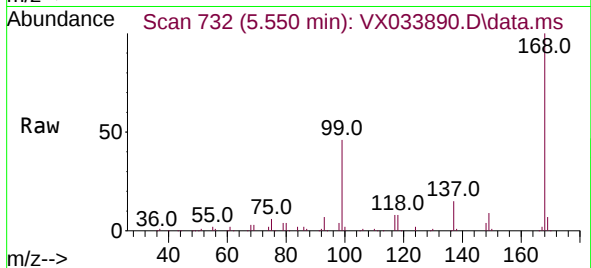
Quant Time: Jan 26 06:01:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



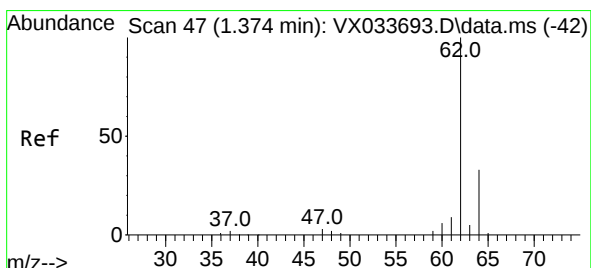
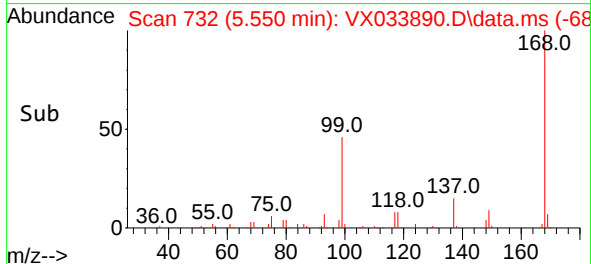
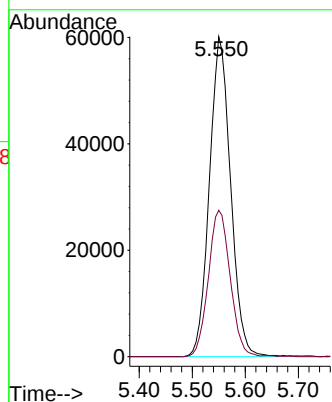


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :

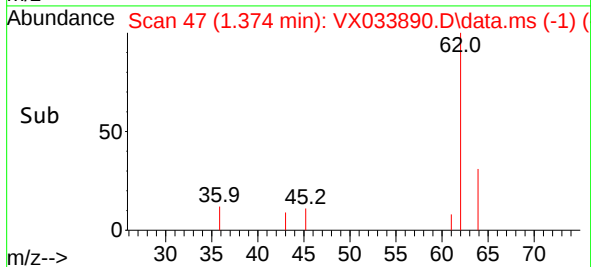
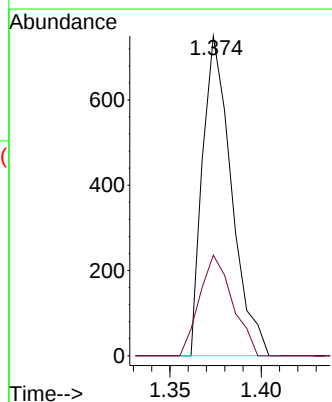
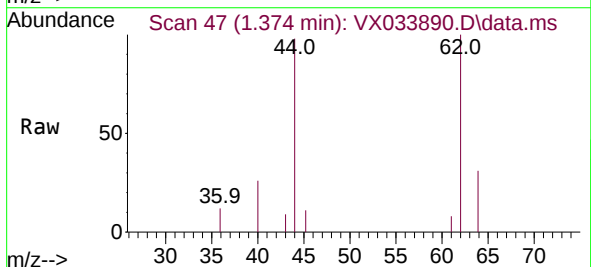


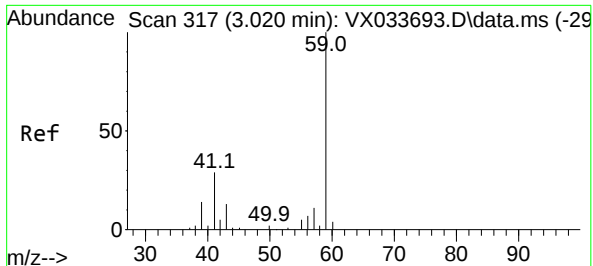
Tgt Ion:168 Resp: 167085
Ion Ratio Lower Upper
168 100
99 45.7 39.6 59.4



#4
Vinyl Chloride
Concen: 0.582 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Tgt Ion: 62 Resp: 824
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4





#11

Tert butyl alcohol

Concen: 3.001 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.085 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Instrument :

MSVOA_X

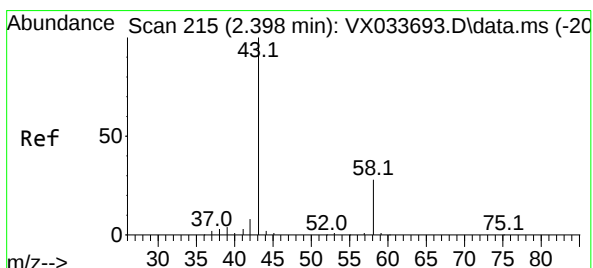
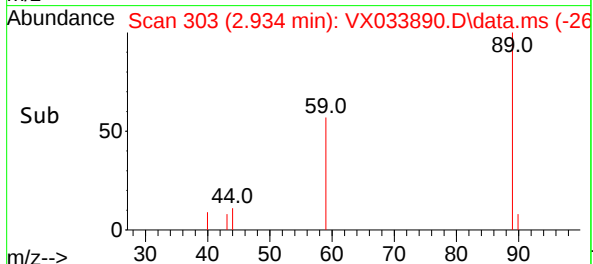
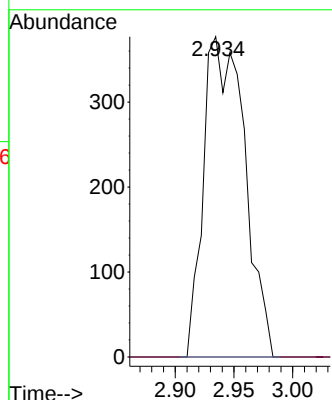
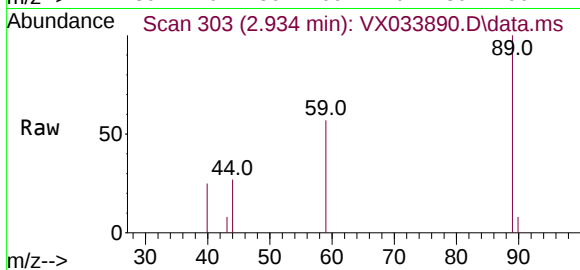
ClientSampleId :

Tgt Ion: 59 Resp: 917

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. -0.024 min

Lab File: VX033890.D

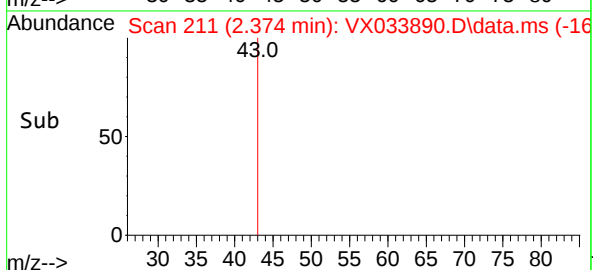
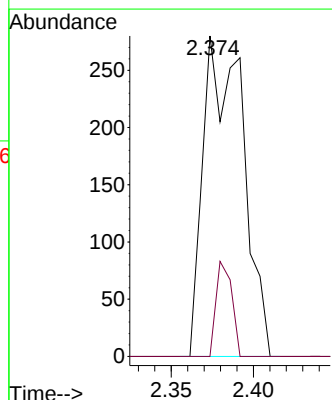
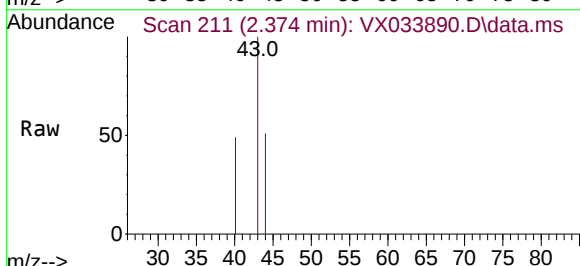
Acq: 25 Jan 2023 16:11

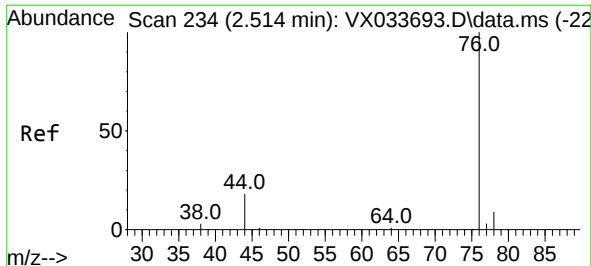
Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.897 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

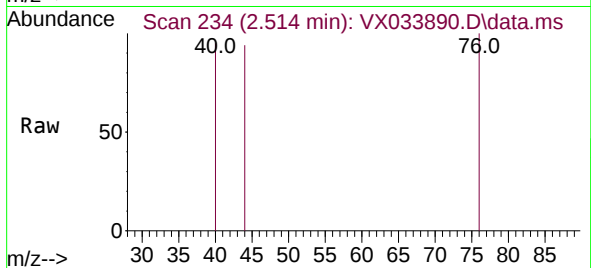
Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

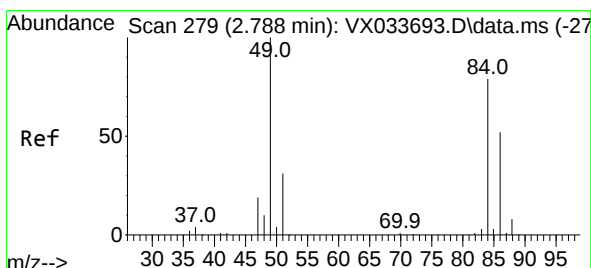
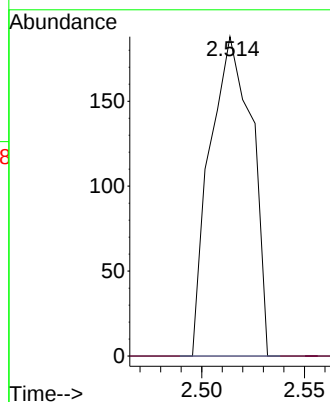


Tgt Ion: 76 Resp: 267

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Tgt Ion: 84 Resp: 517

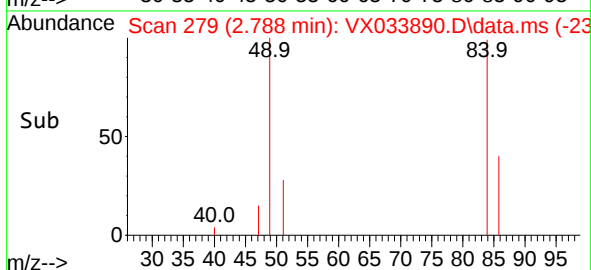
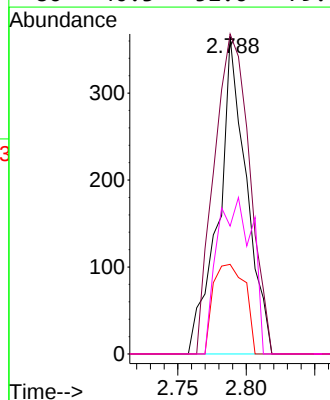
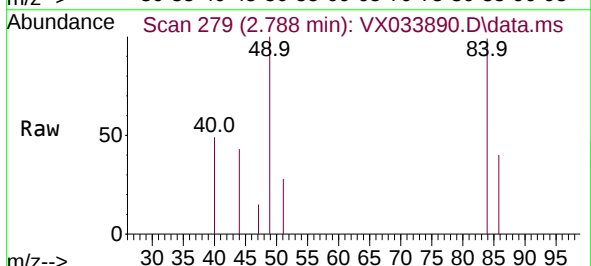
Ion Ratio Lower Upper

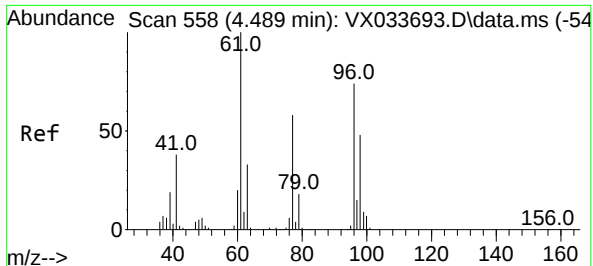
84 100

49 100.8 101.1 151.7#

51 28.2 31.0 46.6#

86 40.3 52.6 79.0#





#27

cis-1,2-Dichloroethene

Concen: 0.406 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

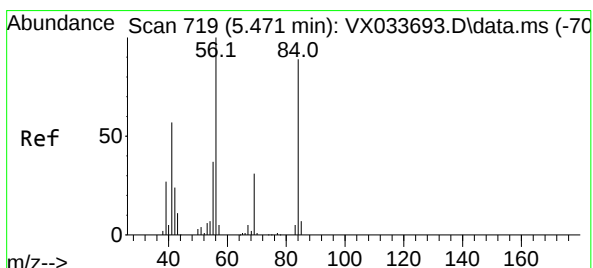
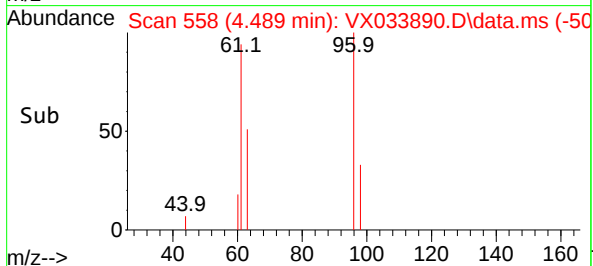
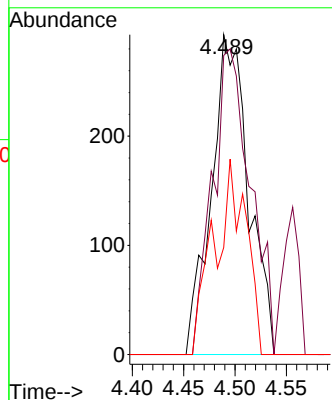
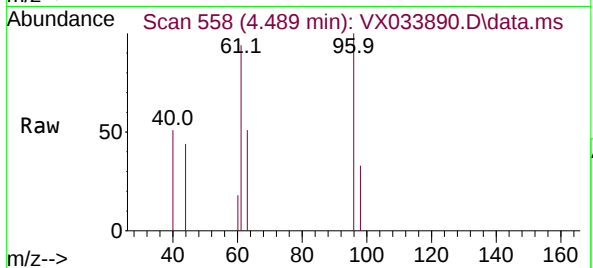
Tgt Ion: 96 Resp: 741

Ion Ratio Lower Upper

96 100

61 97.3 0.0 277.6

98 52.1 0.0 128.0



#31

Cyclohexane

Concen: 0.922 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

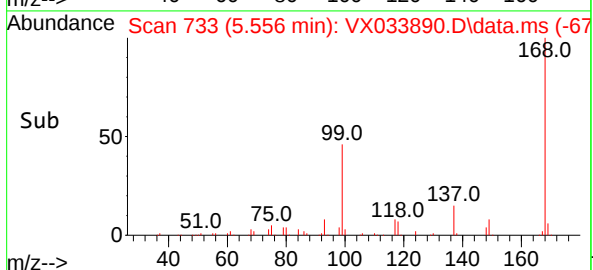
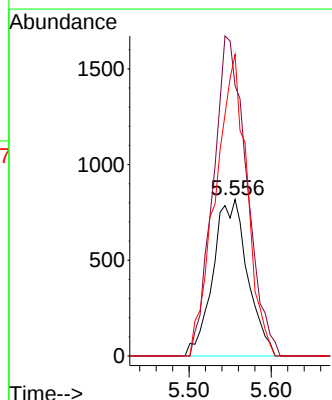
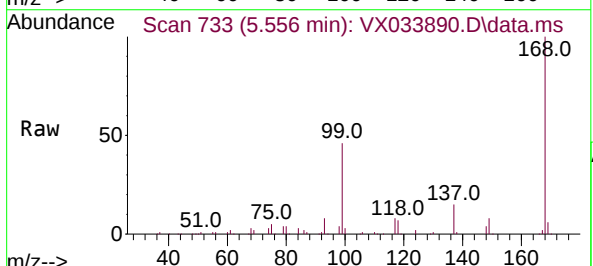
Tgt Ion: 56 Resp: 2388

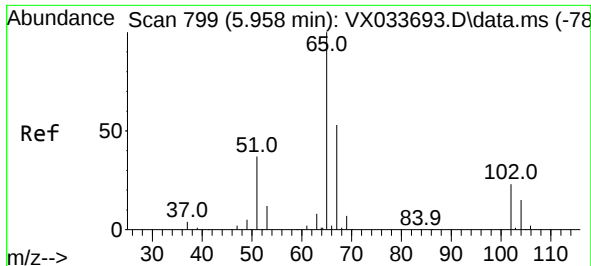
Ion Ratio Lower Upper

56 100

69 172.6 24.6 37.0#

84 192.5 71.0 106.6#

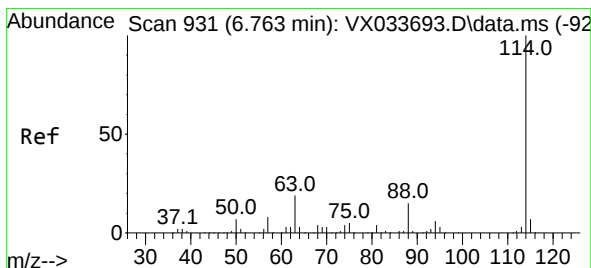
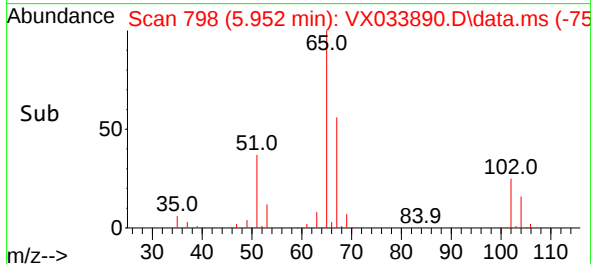
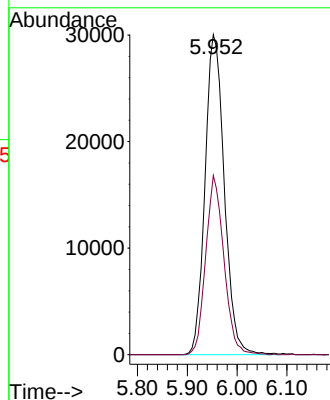
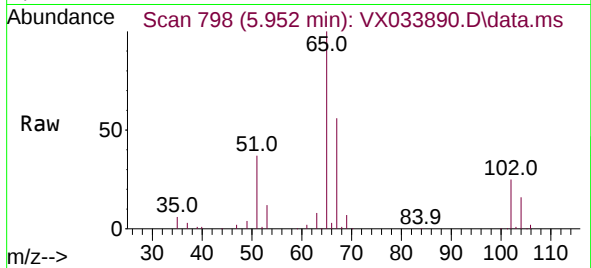




#33
 1,2-Dichloroethane-d4
 Concen: 45.933 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033890.D
 Acq: 25 Jan 2023 16:11

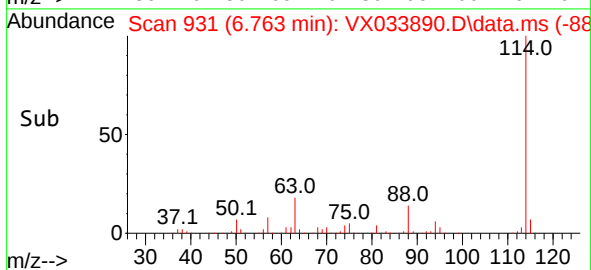
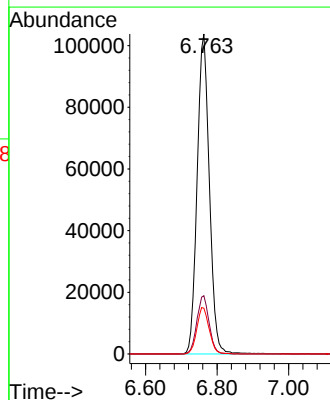
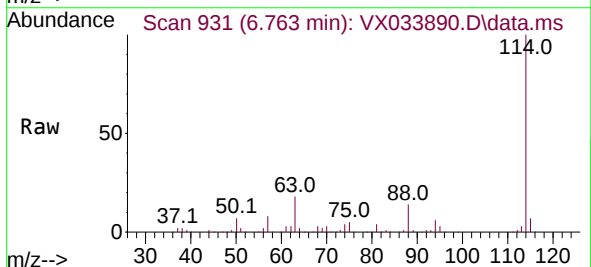
Instrument :
 MSVOA_X
 ClientSampleId :

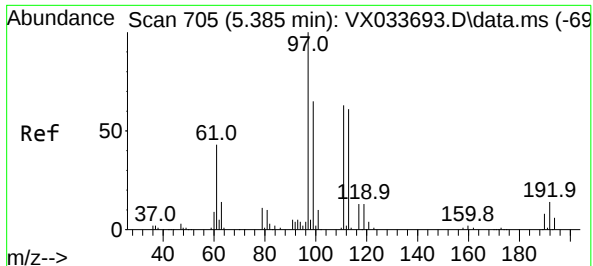
Tgt Ion: 65 Resp: 80807
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033890.D
 Acq: 25 Jan 2023 16:11

Tgt Ion: 114 Resp: 245551
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.4
 88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.772 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

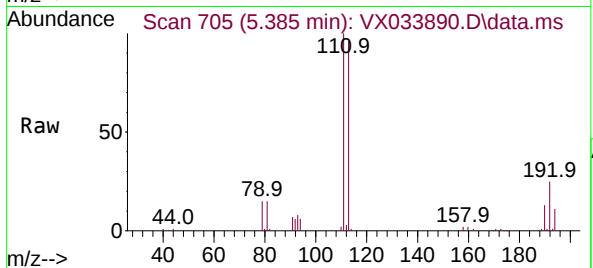
Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

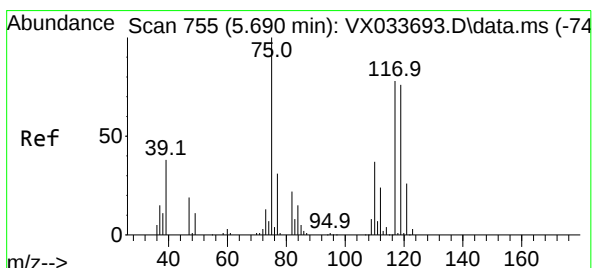
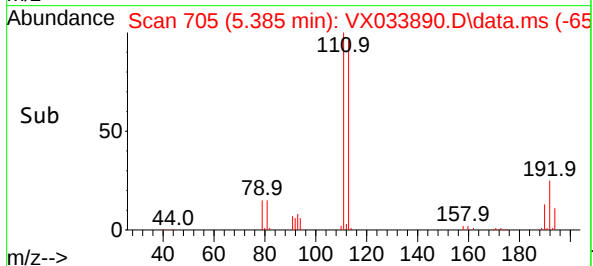
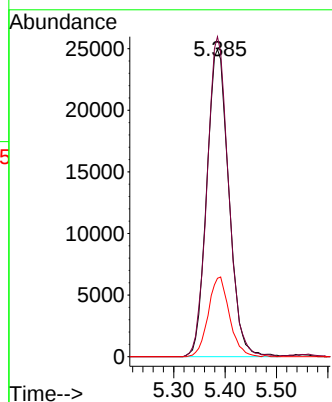
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	74365
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.6
192	24.8	19.0	28.4



#36

1,1-Dichloropropene

Concen: 4.510 ug/l

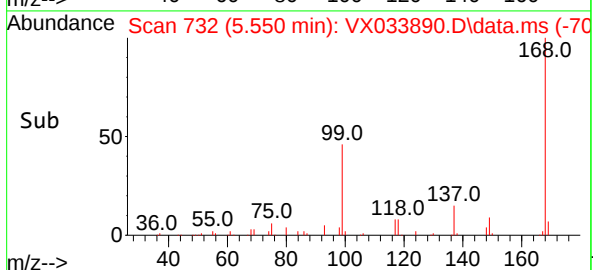
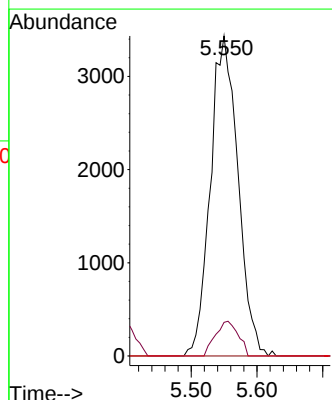
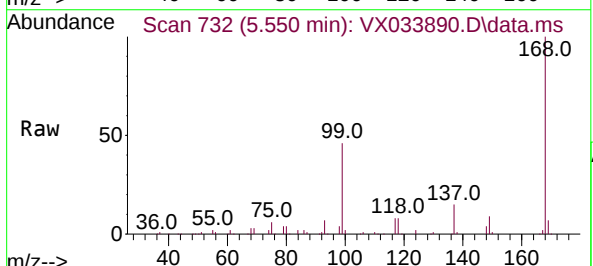
RT: 5.550 min Scan# 732

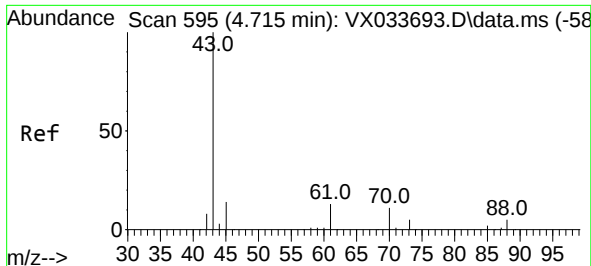
Delta R.T. -0.140 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Tgt Ion:	75	Resp:	10036
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.8	56.4#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.568 min Scan# 51

Delta R.T. -0.147 min

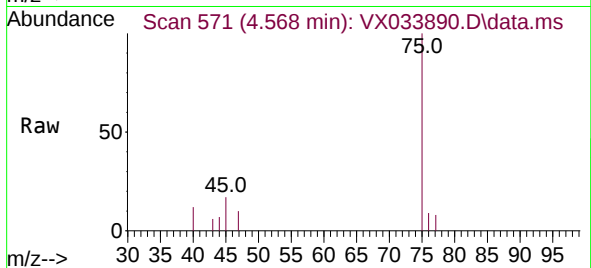
Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

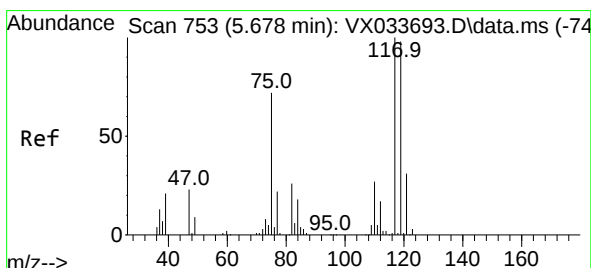
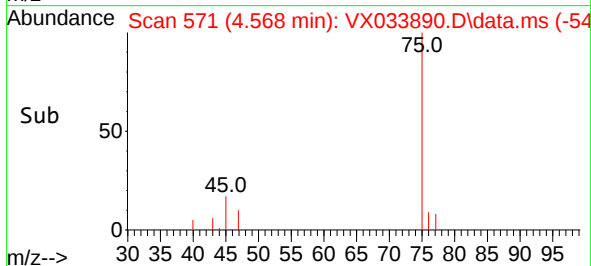
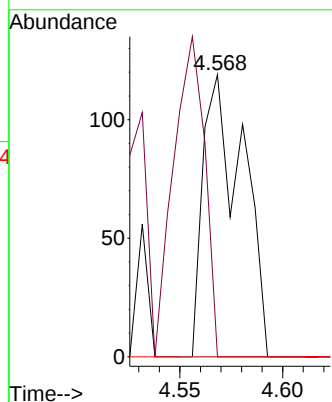
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	159
Ion	Ratio	Lower	Upper
43	100		
61	89.3	11.1	16.7#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

Concen: 6.284 ug/l

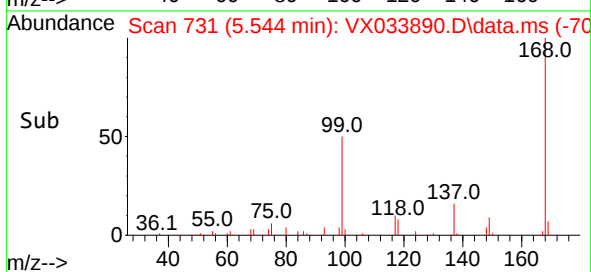
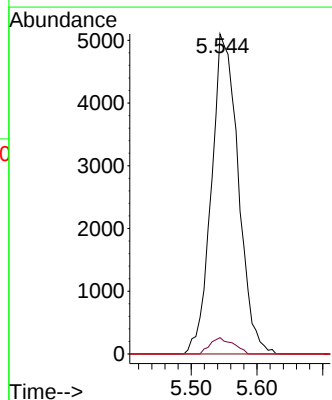
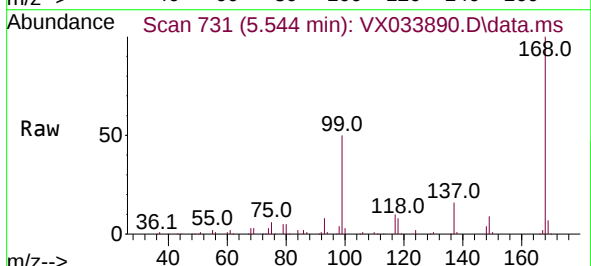
RT: 5.544 min Scan# 731

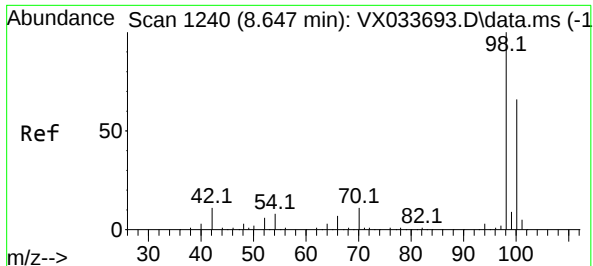
Delta R.T. -0.134 min

Lab File: VX033890.D

Acq: 25 Jan 2023 16:11

Tgt Ion:	117	Resp:	14483
Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.0	117.0#
121	0.0	24.4	36.6#

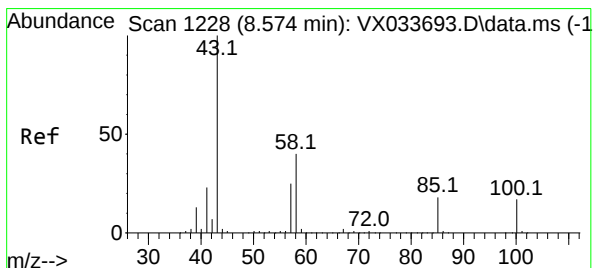
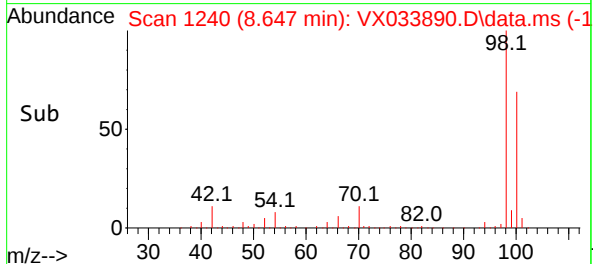
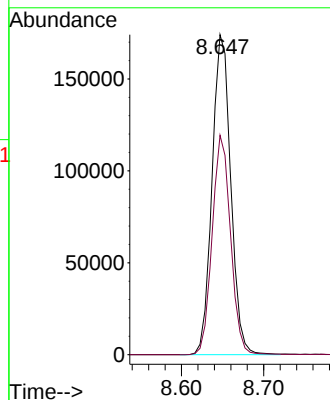
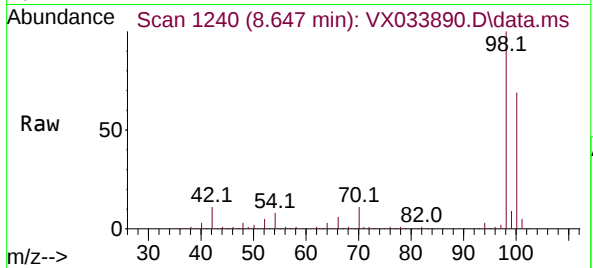




#50
Toluene-d8
Concen: 49.450 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

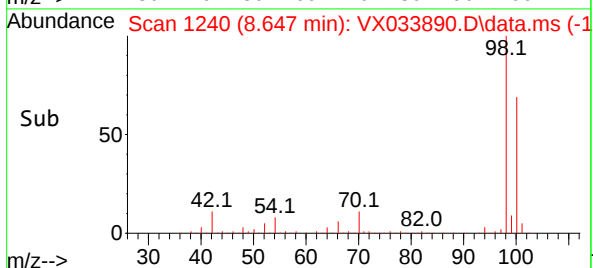
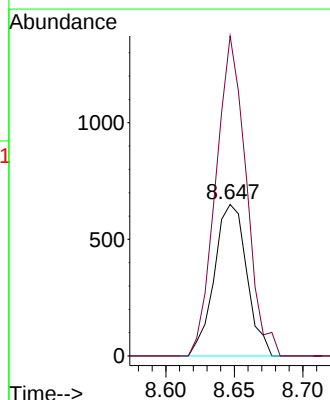
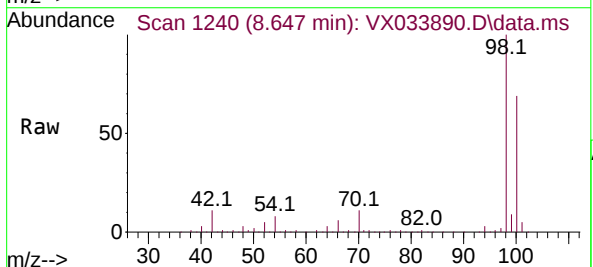
Instrument :
MSVOA_X
ClientSampleId :

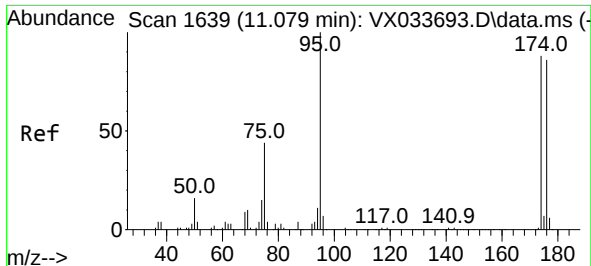
Tgt Ion: 98 Resp: 274716
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 196.8 31.2 46.8#

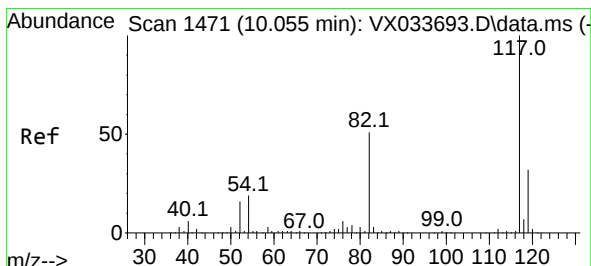
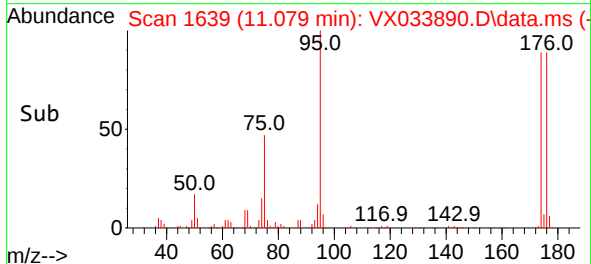
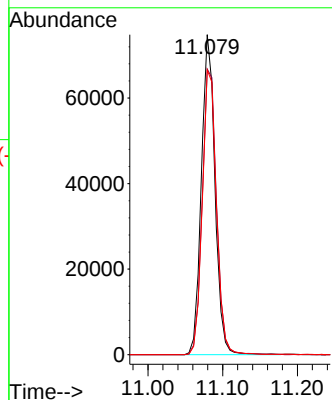
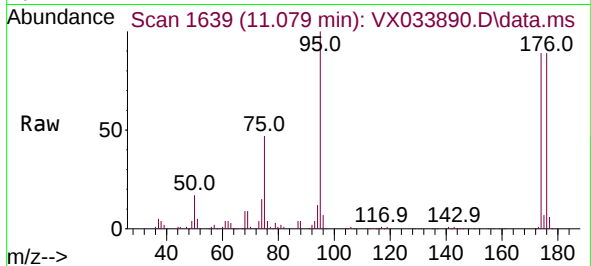




#62
4-Bromofluorobenzene
Concen: 45.800 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

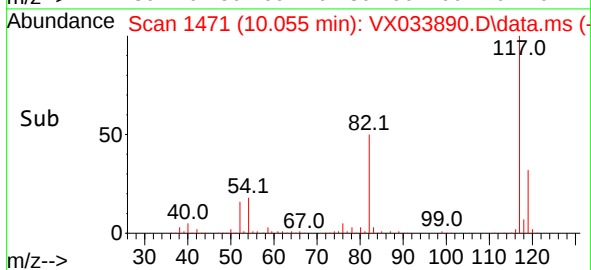
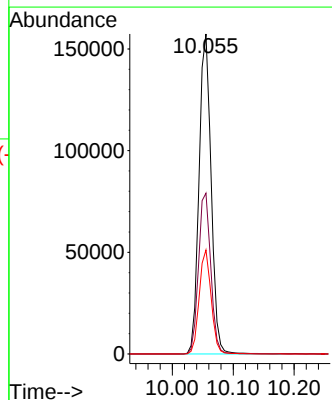
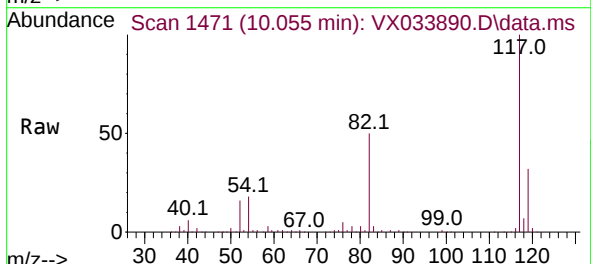
Instrument :
MSVOA_X
ClientSampleId :

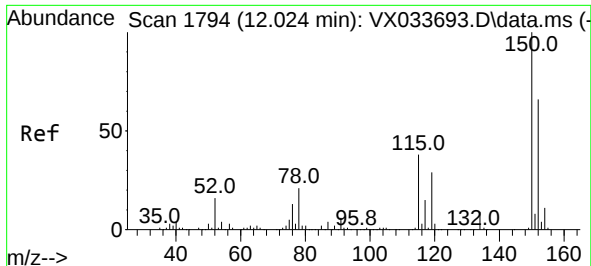
Tgt Ion: 95 Resp: 94468
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.4
176 92.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

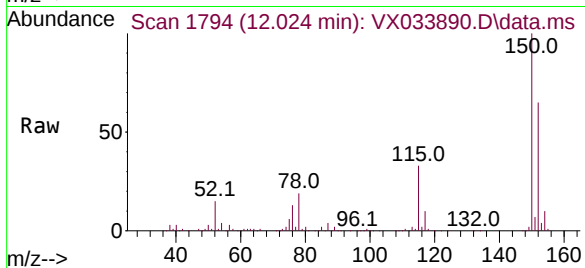
Tgt Ion: 117 Resp: 216086
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.5 25.6 38.4



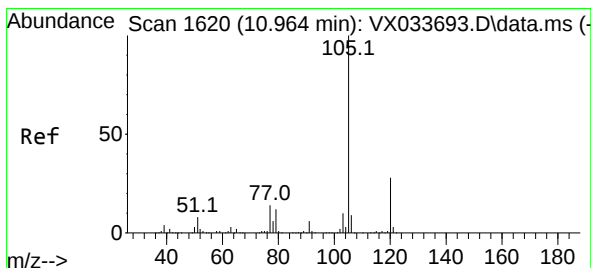
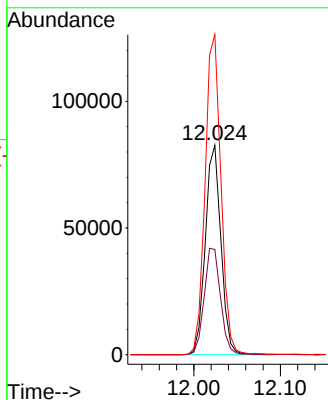
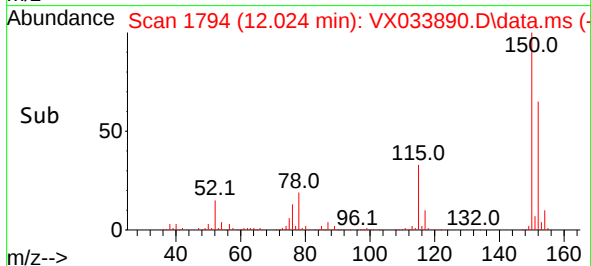


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033890.D
 Acq: 25 Jan 2023 16:11

Instrument :
 MSVOA_X
 ClientSampleId :

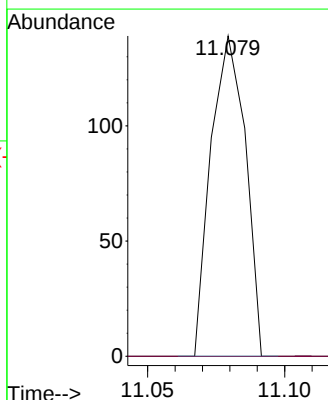
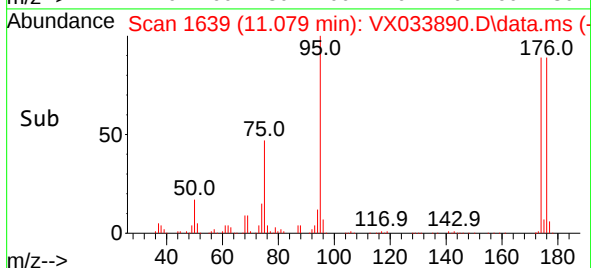
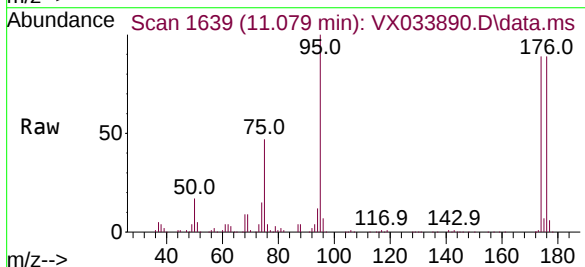


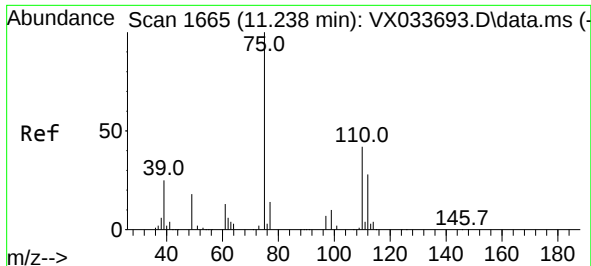
Tgt Ion:152 Resp: 103637
 Ion Ratio Lower Upper
 152 100
 115 53.2 38.7 116.1
 150 155.0 0.0 348.2



#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.115 min
 Lab File: VX033890.D
 Acq: 25 Jan 2023 16:11

Tgt Ion:105 Resp: 122
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.8#

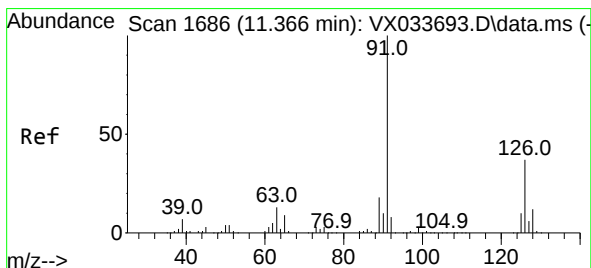
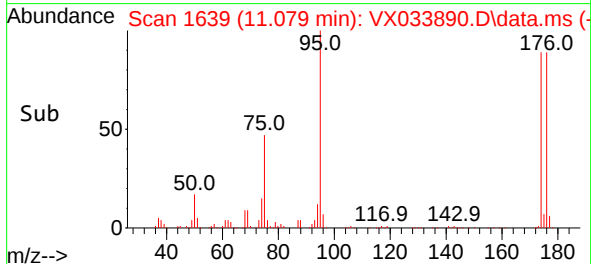
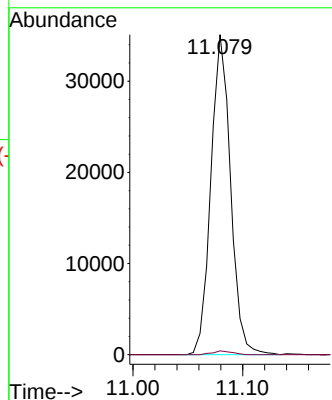
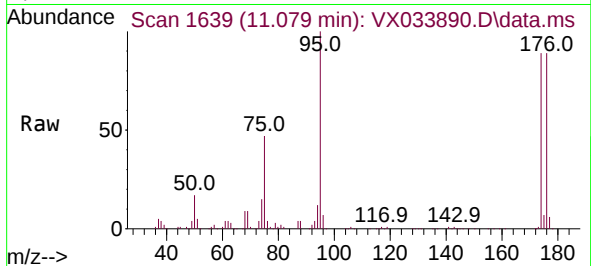




#76
1,2,3-Trichloropropane
Concen: 22.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

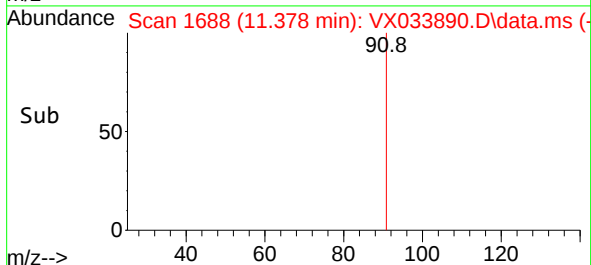
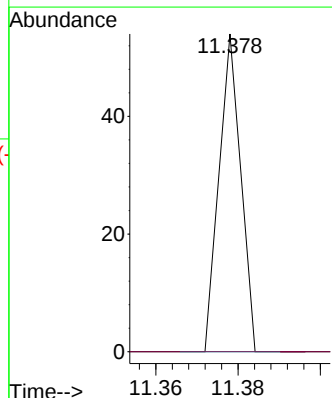
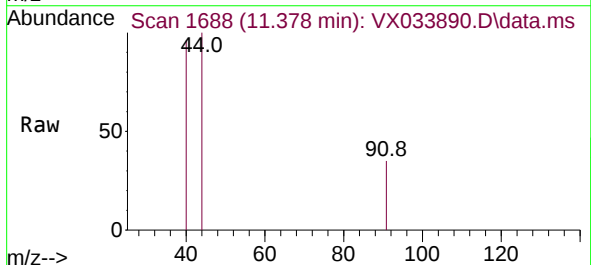
Instrument :
MSVOA_X
ClientSampleId :

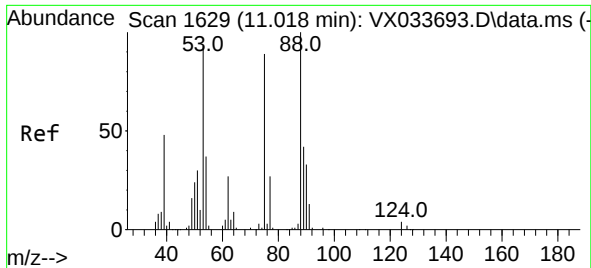
Tgt Ion: 75 Resp: 43762
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

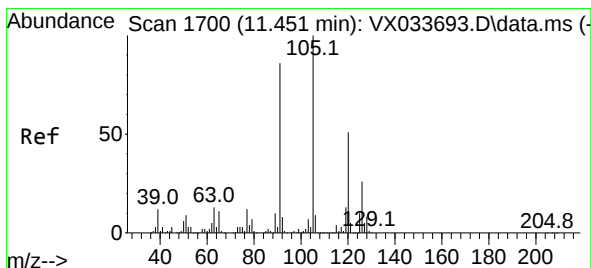
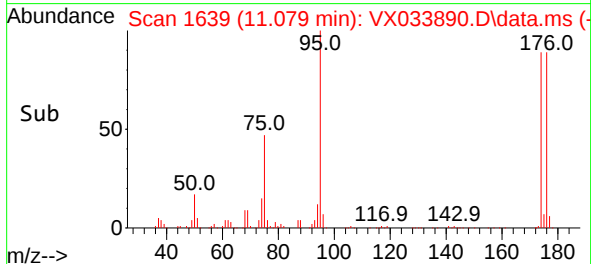
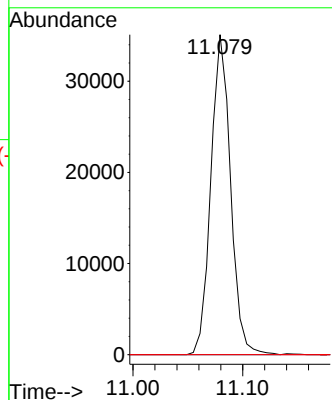
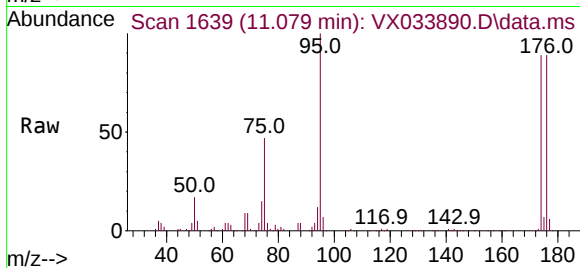




#81
trans-1,4-Dichloro-2-butene
Concen: 71.426 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43762
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. -0.073 min
Lab File: VX033890.D
Acq: 25 Jan 2023 16:11

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

