

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044190.D
 Acq On : 09 Dec 2024 16:04
 Operator : JC/MD
 Sample : P5145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:44:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

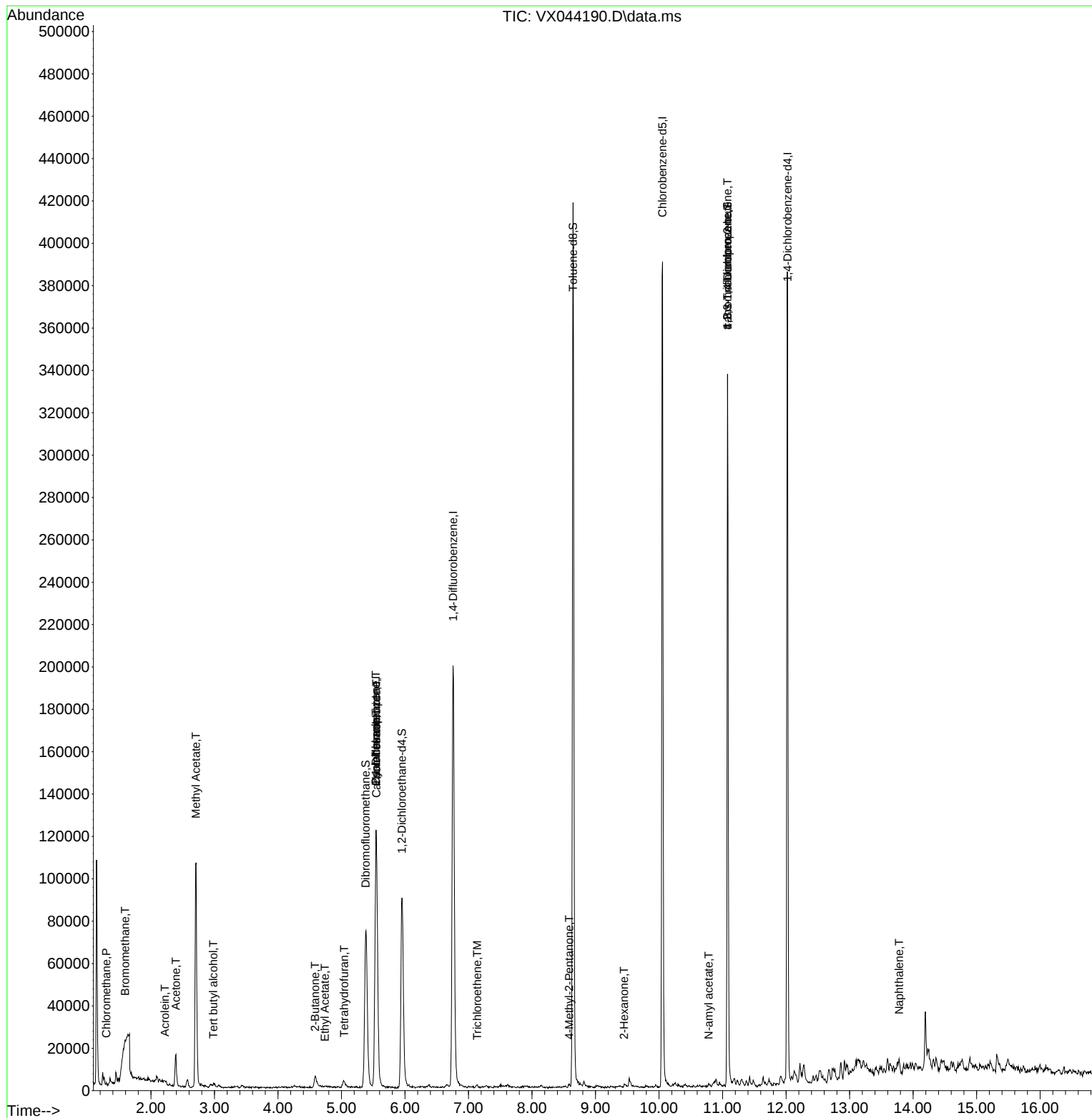
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	105331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91293	50.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.060%
35) Dibromofluoromethane	5.379	113	64266	45.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	8.647	98	242903	49.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	84067	50.502	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	379	0.270	ug/l #	73
5) Bromomethane	1.593	94	446	0.485	ug/l #	65
11) Tert butyl alcohol	2.983	59	2406	8.297	ug/l #	95
13) Acrolein	2.221	56	238	0.779	ug/l #	74
16) Acetone	2.392	43	16875	20.337	ug/l	97
18) Methyl Acetate	2.709	43	125584	64.992	ug/l	99
25) 2-Butanone	4.587	43	10061	9.397	ug/l	97
29) Tetrahydrofuran	5.044	42	2915	4.441	ug/l #	89
31) Cyclohexane	5.544	56	3129	1.554	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	10058	5.688	ug/l #	49
37) Ethyl Acetate	4.739	43	1557	0.709	ug/l #	76
38) Carbon Tetrachloride	5.550	117	12215	6.148	ug/l #	18
44) Trichloroethene	7.135	130	478	0.307	ug/l	40
51) 4-Methyl-2-Pentanone	8.586	43	1110	0.521	ug/l	99
59) 2-Hexanone	9.452	43	921	0.575	ug/l	83
74) N-amyl acetate	10.781	43	1191	0.439	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	46835	28.026	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46835	76.476	ug/l #	6
95) Naphthalene	13.780	128	2830	0.519	ug/l #	90

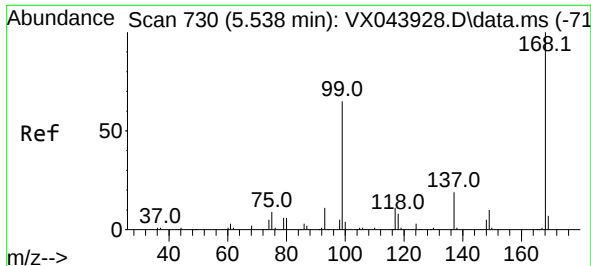
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 10 01:44:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



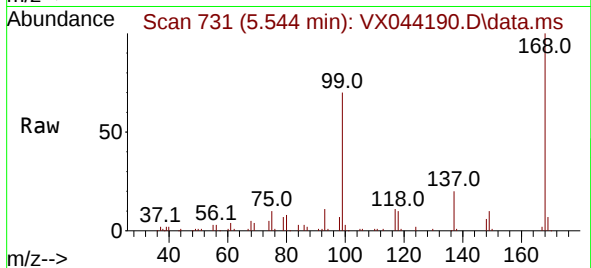


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

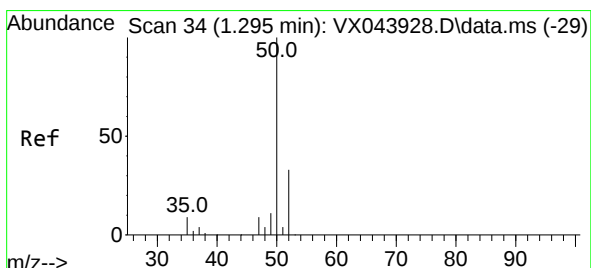
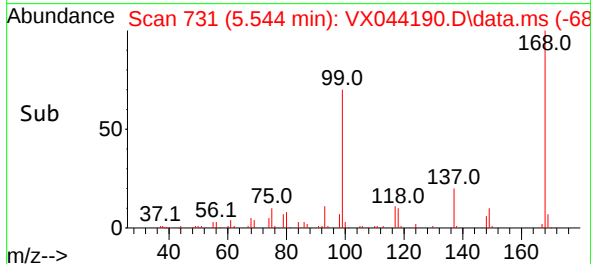
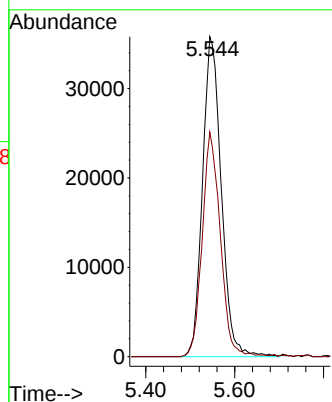
Instrument :

MSVOA_X

ClientSampleId :

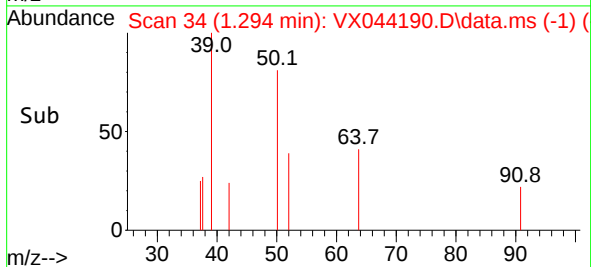
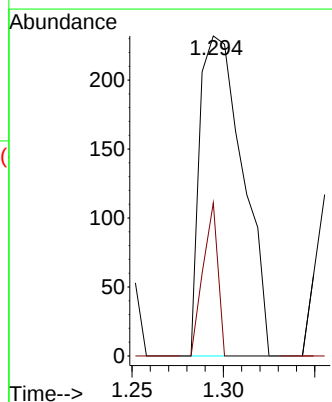
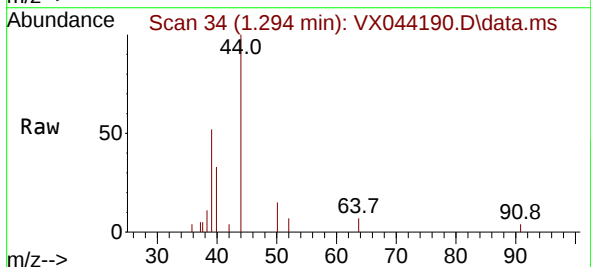


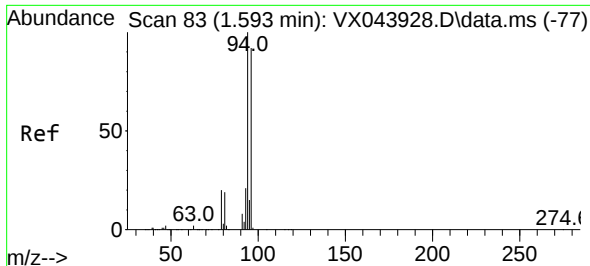
Tgt Ion:168 Resp: 105331
Ion Ratio Lower Upper
168 100
99 70.2 51.8 77.8



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 47.8 26.1 39.1#

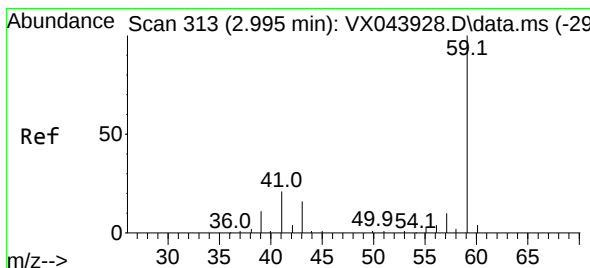
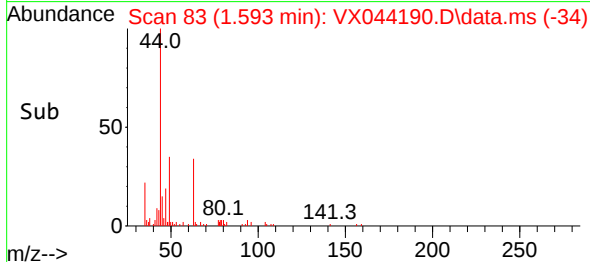
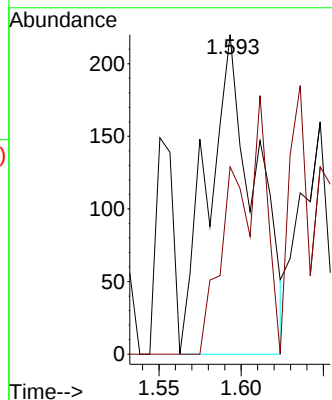
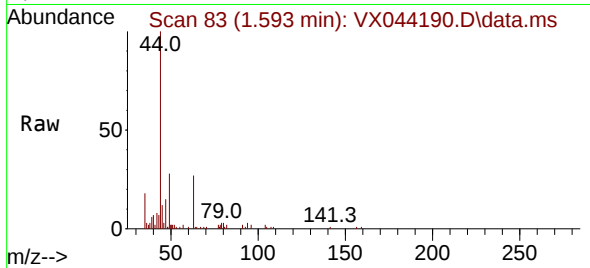




#5
Bromomethane
Concen: 0.485 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

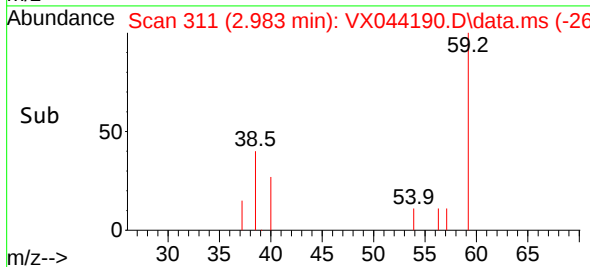
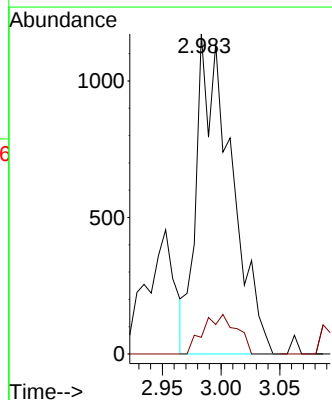
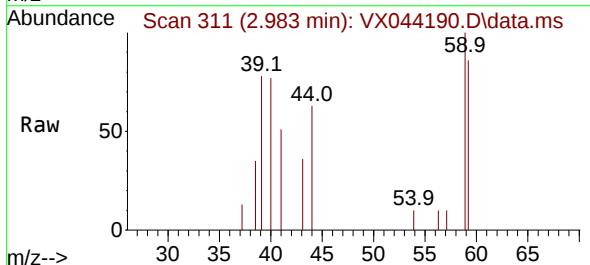
Instrument :
MSVOA_X
ClientSampleId :

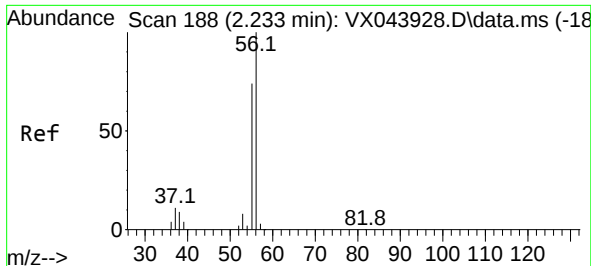
Tgt Ion: 94 Resp: 446
Ion Ratio Lower Upper
94 100
96 58.6 73.9 110.9#



#11
Tert butyl alcohol
Concen: 8.297 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 59 Resp: 2406
Ion Ratio Lower Upper
59 100
57 11.9 7.9 11.9#

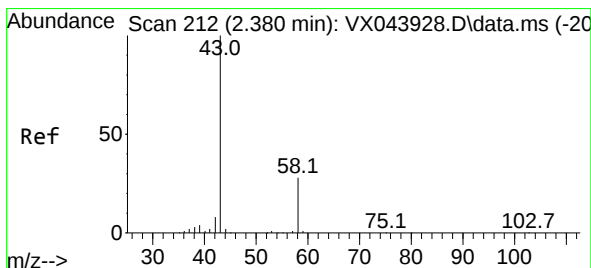
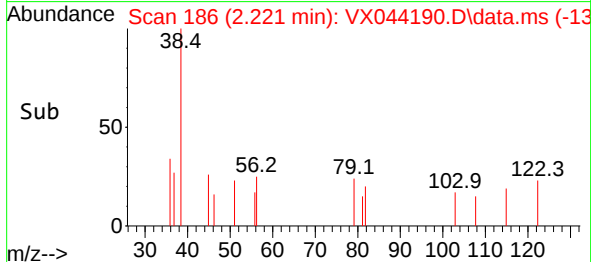
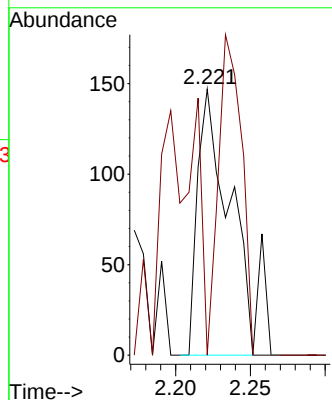
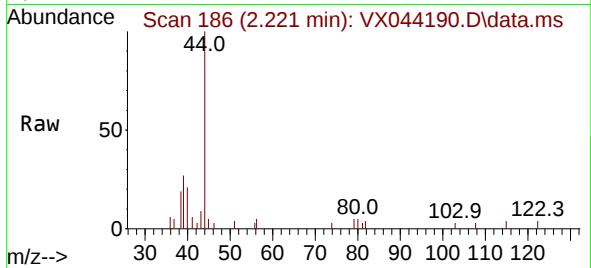




#13
Acrolein
Concen: 0.779 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

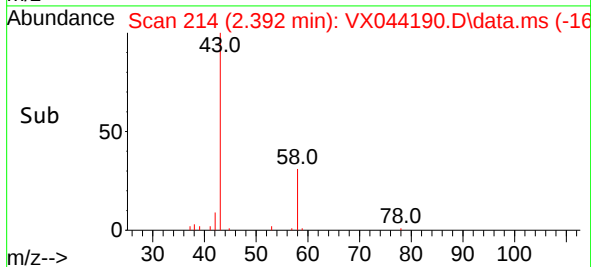
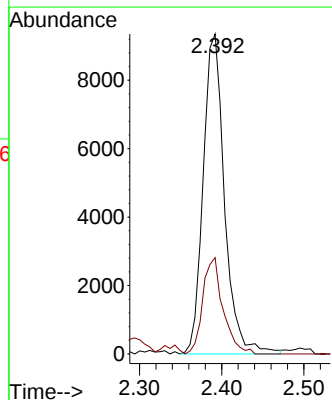
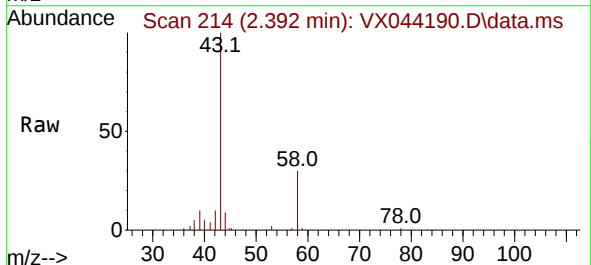
Instrument :
MSVOA_X
ClientSampleId :

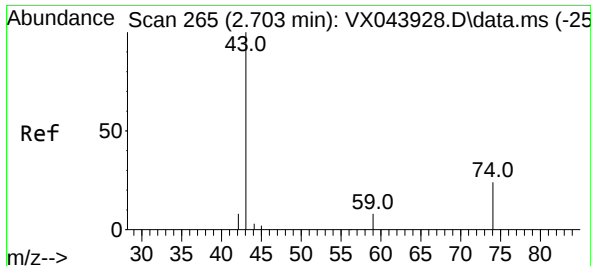
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 94.5 58.2 87.2#



#16
Acetone
Concen: 20.337 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 43 Resp: 16875
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

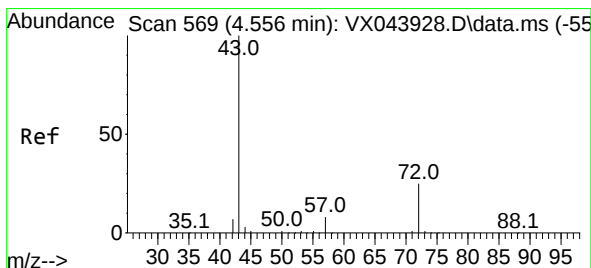
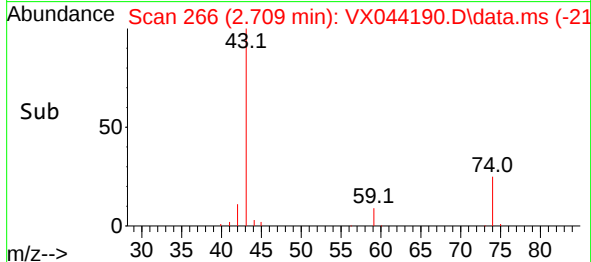
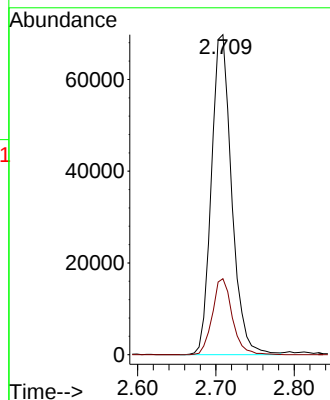
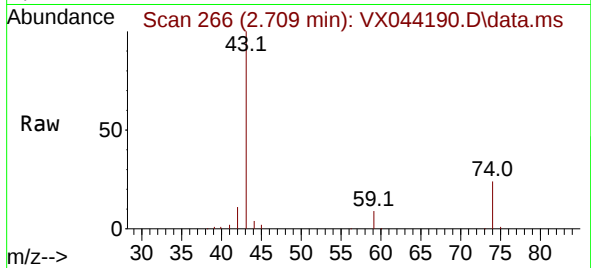




#18
Methyl Acetate
Concen: 64.992 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

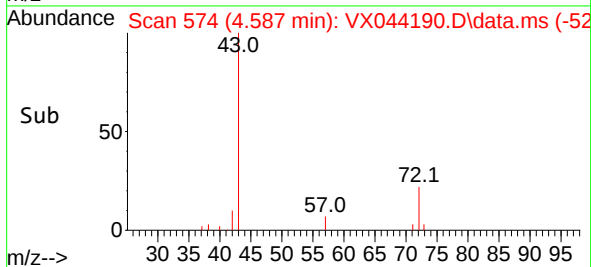
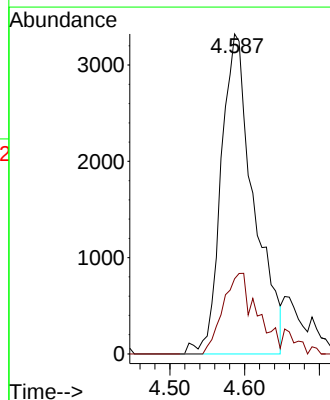
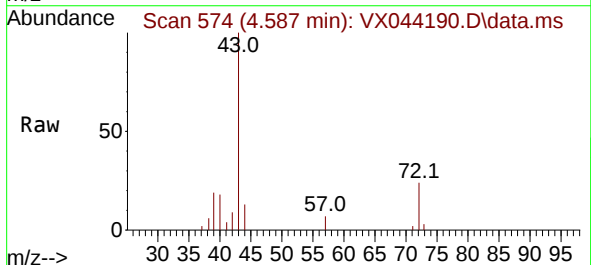
Instrument :
MSVOA_X
ClientSampleId :

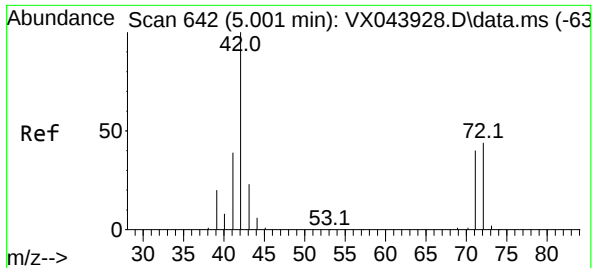
Tgt Ion: 43 Resp: 125584
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3



#25
2-Butanone
Concen: 9.397 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 43 Resp: 10061
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.2





#29

Tetrahydrofuran

Concen: 4.441 ug/l

RT: 5.044 min Scan# 642

Delta R.T. 0.043 min

Lab File: VX044190.D

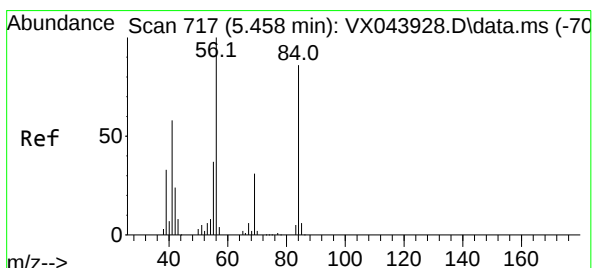
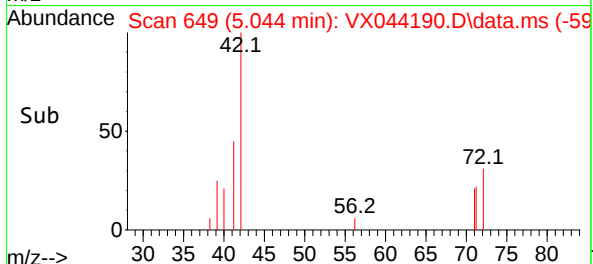
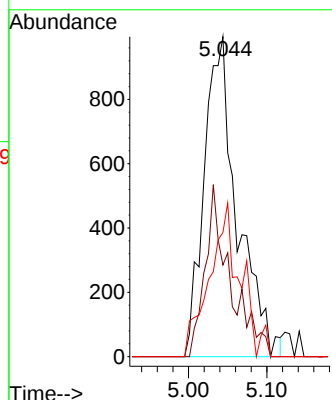
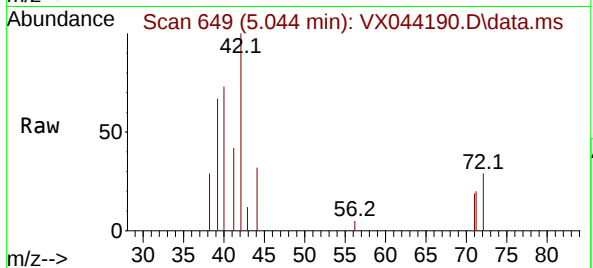
Acq: 09 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	2915
Ion	Ratio	Lower	Upper
42	100		
72	32.6	36.4	54.6#
71	42.7	33.4	50.0



#31

Cyclohexane

Concen: 1.554 ug/l

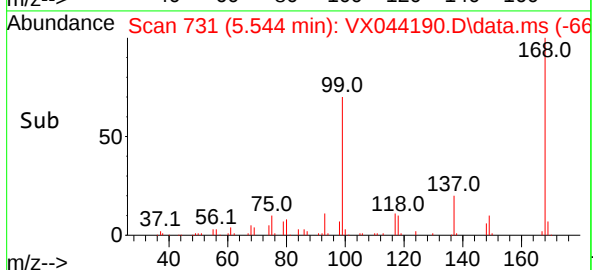
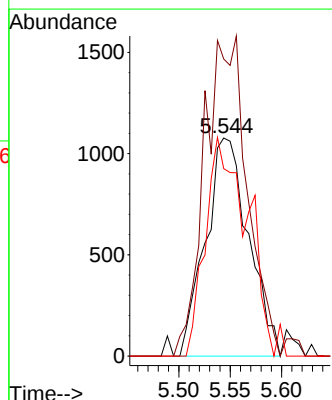
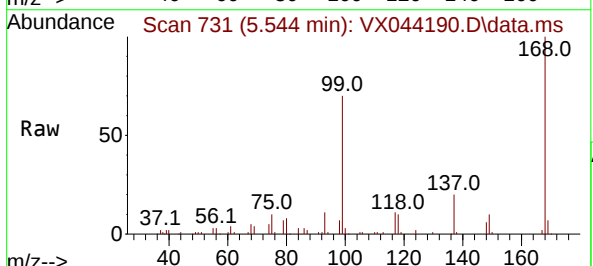
RT: 5.544 min Scan# 731

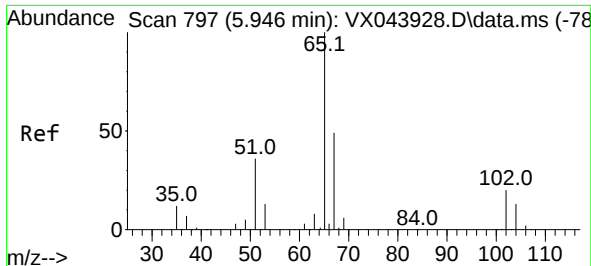
Delta R.T. 0.085 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

Tgt Ion:	56	Resp:	3129
Ion	Ratio	Lower	Upper
56	100		
69	136.2	24.7	37.1#
84	86.0	68.7	103.1





#33

1,2-Dichloroethane-d4

Concen: 50.533 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

Instrument :

MSVOA_X

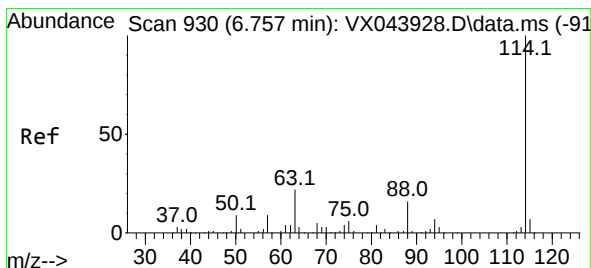
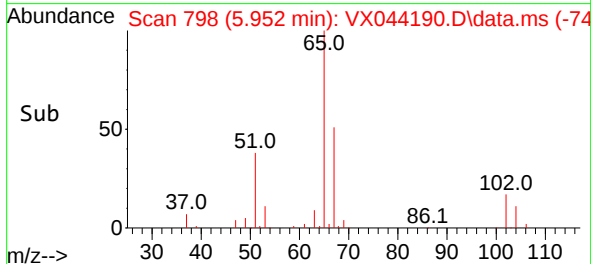
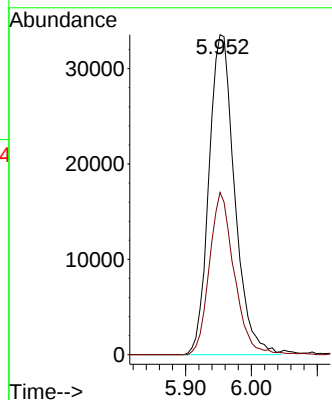
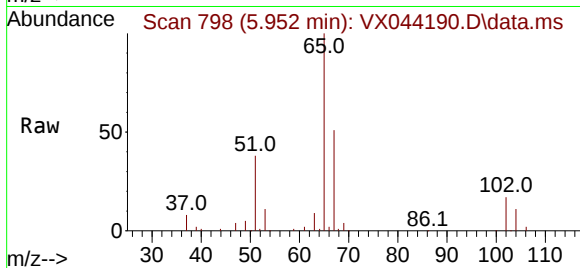
ClientSampleId :

Tgt Ion: 65 Resp: 91293

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

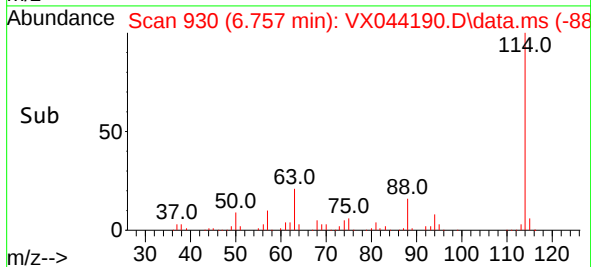
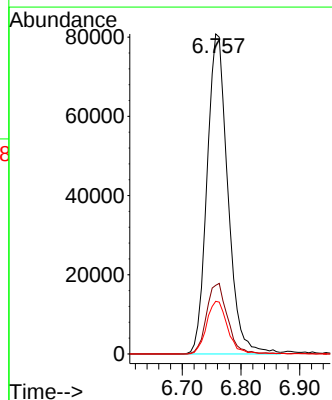
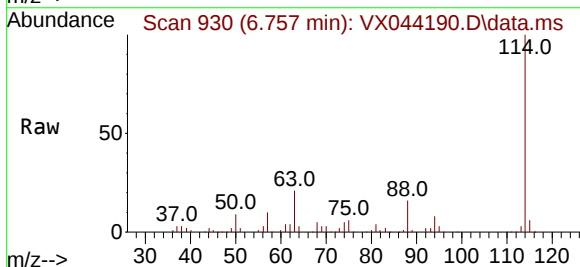
Tgt Ion: 114 Resp: 198577

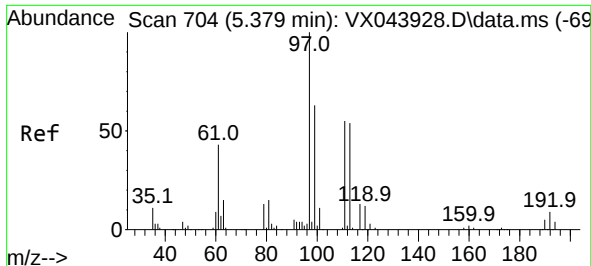
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

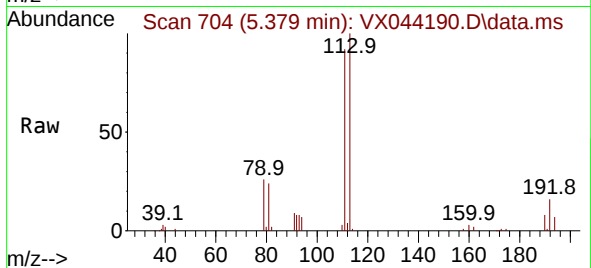
88 16.4 0.0 32.4



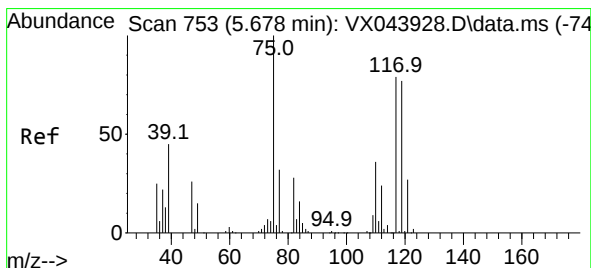
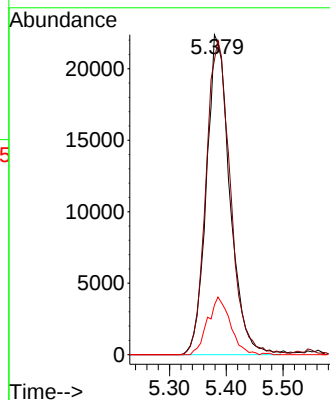
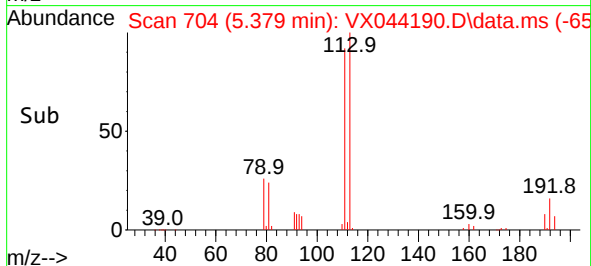


#35
Dibromofluoromethane
Concen: 45.292 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

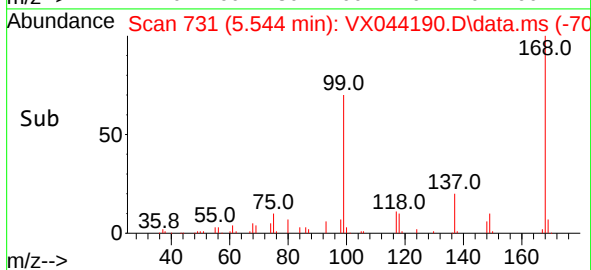
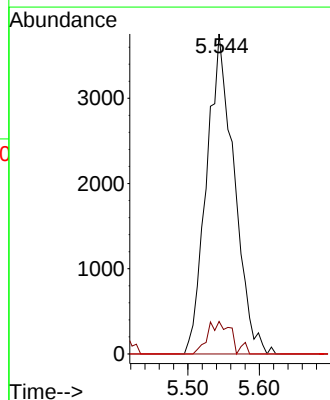
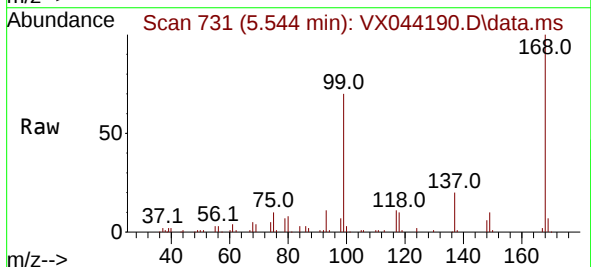


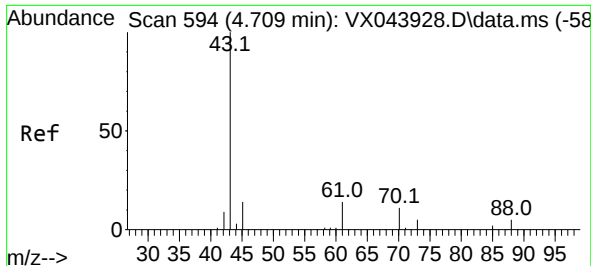
Tgt Ion:113 Resp: 64266
Ion Ratio Lower Upper
113 100
111 102.3 81.0 121.4
192 17.4 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.688 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 75 Resp: 10058
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.2#
77 0.0 25.8 38.8#





#37

Ethyl Acetate

Concen: 0.709 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.030 min

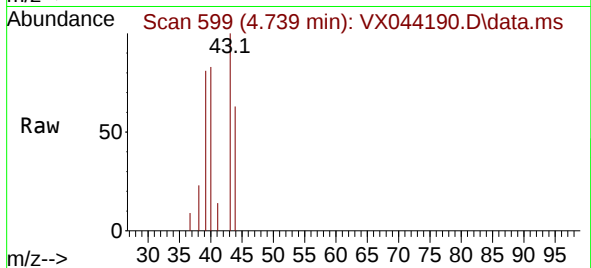
Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

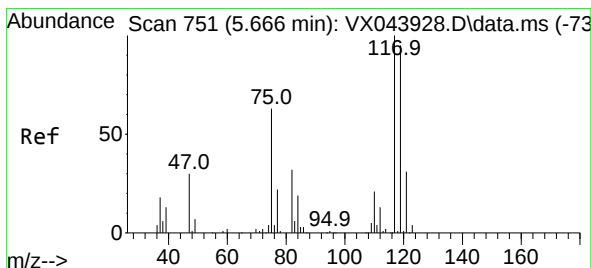
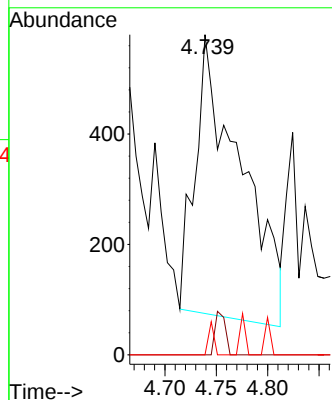
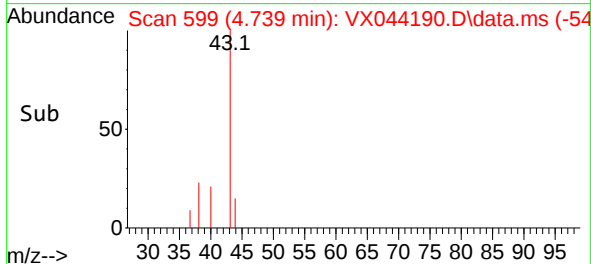
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1557
Ion	Ratio	Lower	Upper
43	100		
61	3.5	10.7	16.1#
70	1.4	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 6.148 ug/l

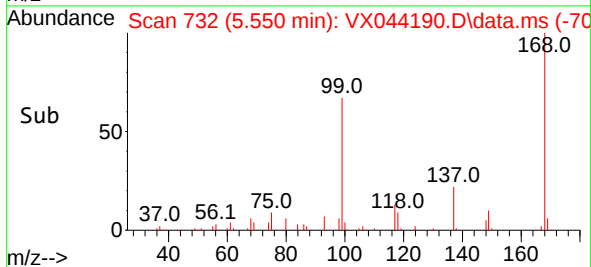
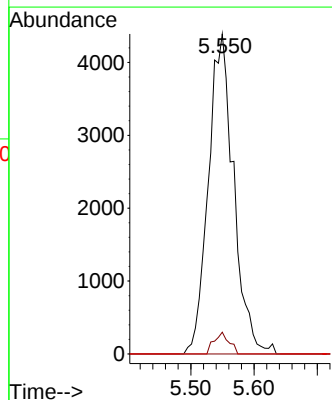
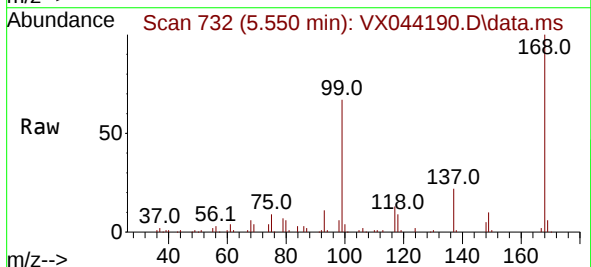
RT: 5.550 min Scan# 732

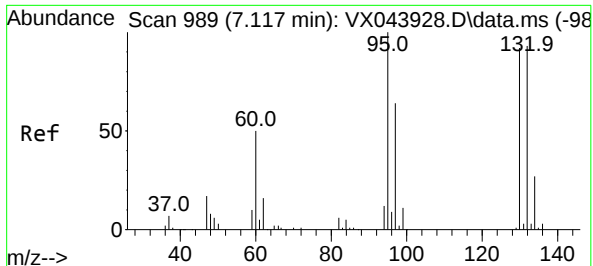
Delta R.T. -0.116 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

Tgt Ion:	117	Resp:	12215
Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.2	112.8#
121	0.0	24.5	36.7#

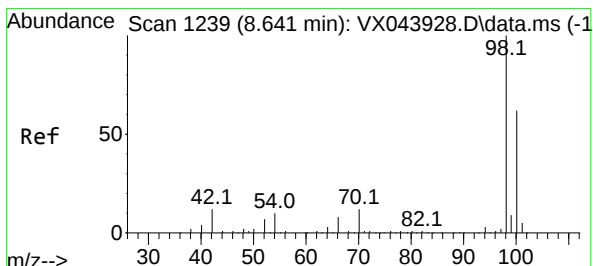
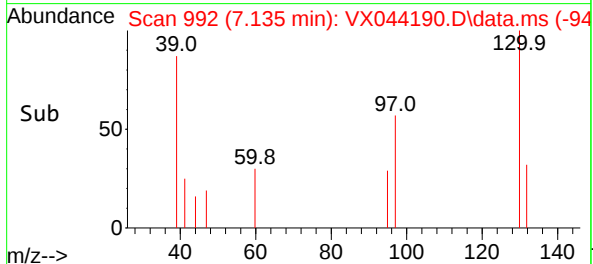
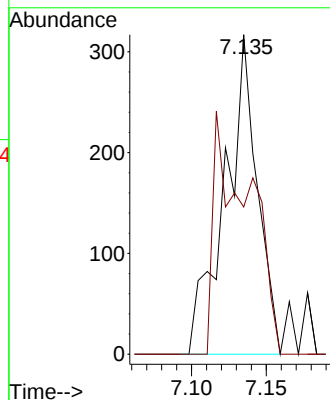
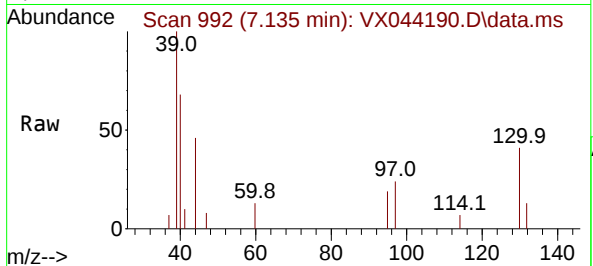




#44
Trichloroethene
Concen: 0.307 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

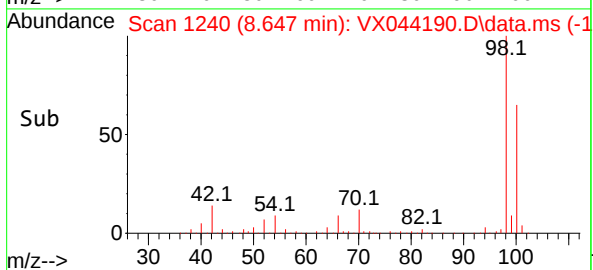
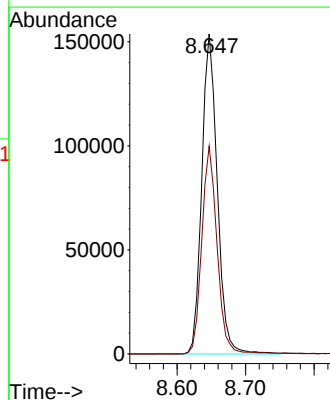
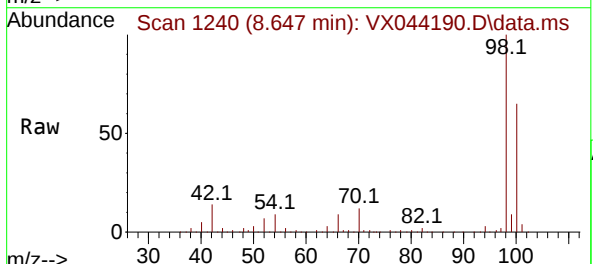
Instrument :
MSVOA_X
ClientSampleId :

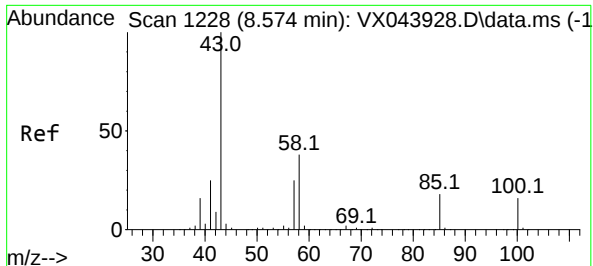
Tgt Ion:130 Resp: 478
Ion Ratio Lower Upper
130 100
95 46.1 0.0 217.8



#50
Toluene-d8
Concen: 49.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 98 Resp: 242903
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0

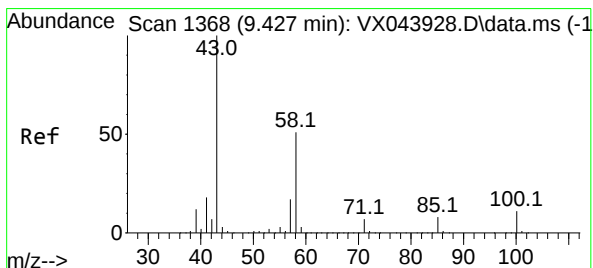
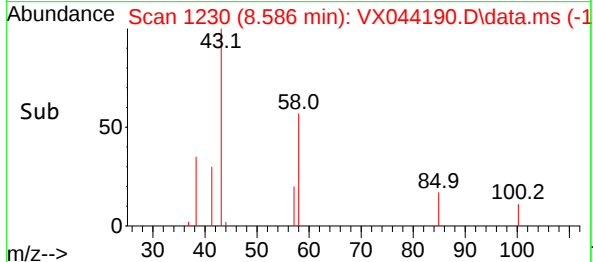
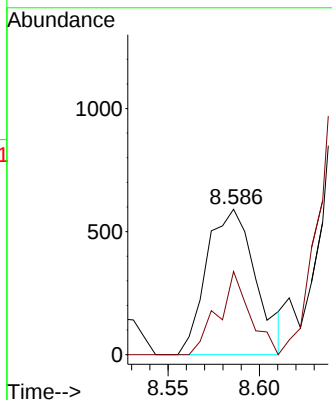
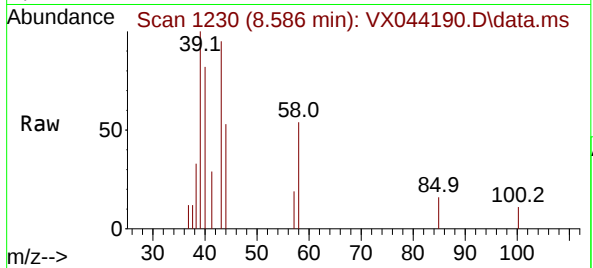




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.586 min Scan# 1110
Delta R.T. 0.012 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

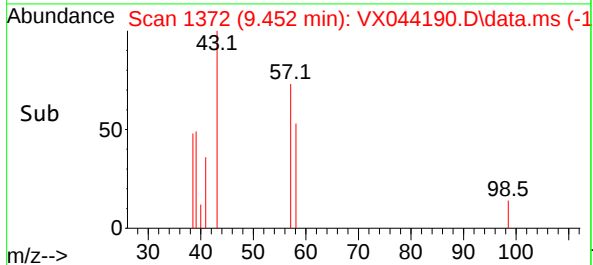
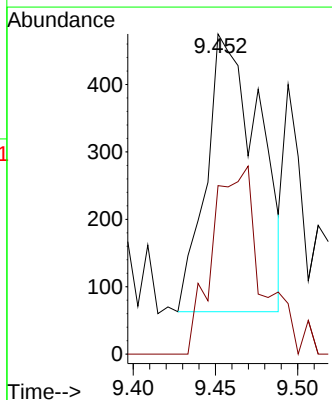
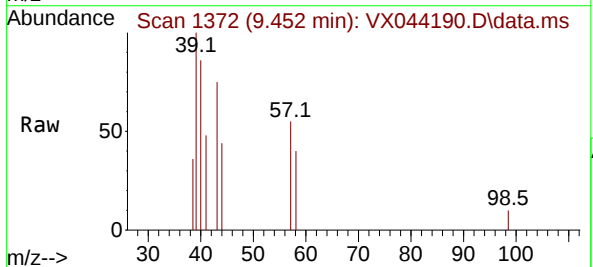
Instrument :
MSVOA_X
ClientSampleId :

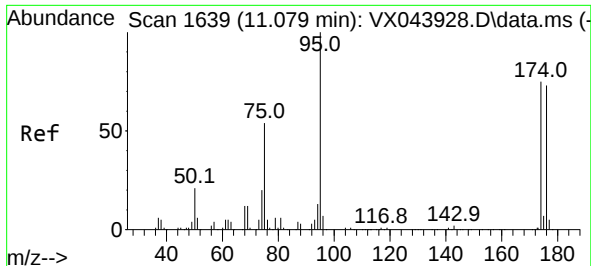
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 36.8 30.0 45.0



#59
2-Hexanone
Concen: 0.575 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 63.8 25.9 77.6

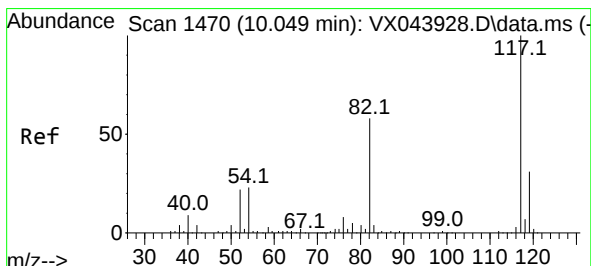
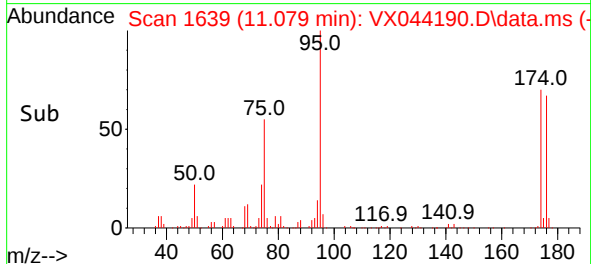
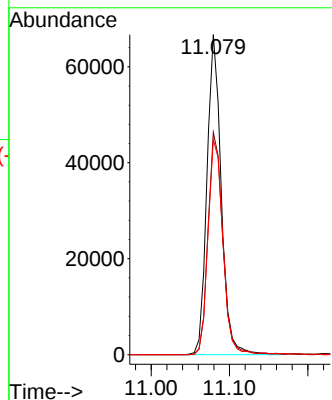
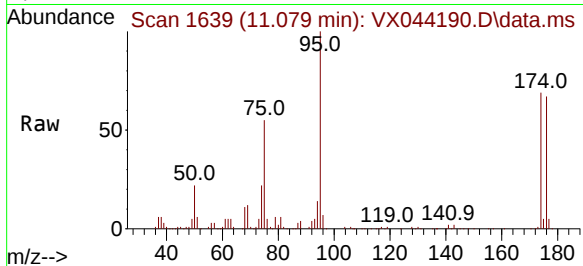




#62
4-Bromofluorobenzene
Concen: 50.502 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

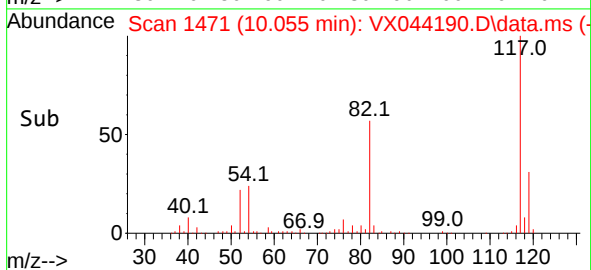
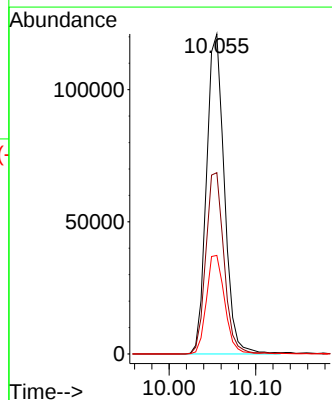
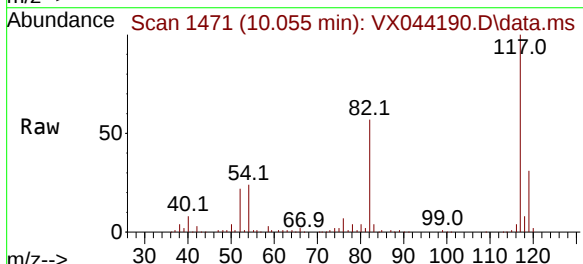
Instrument :
MSVOA_X
ClientSampleId :

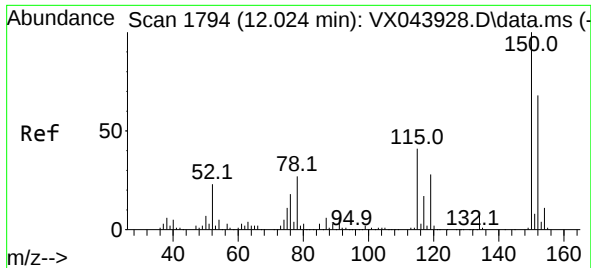
Tgt Ion: 95 Resp: 84067
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.4
176 71.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Tgt Ion: 117 Resp: 173539
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 30.8 24.6 37.0

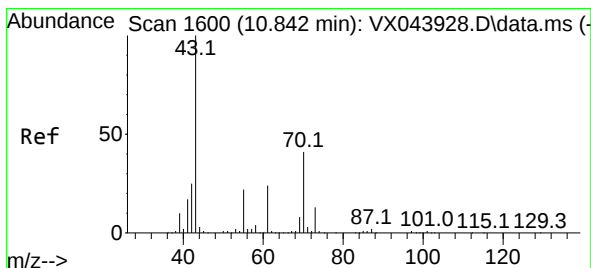
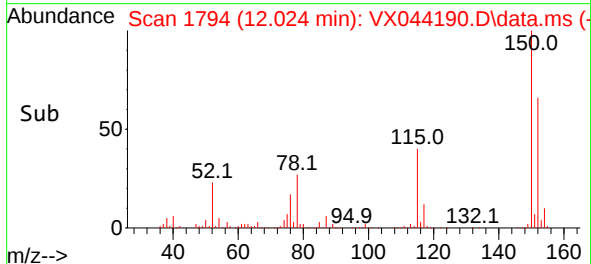
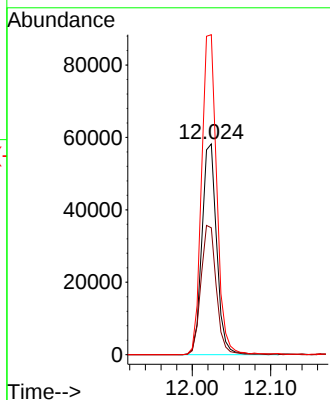
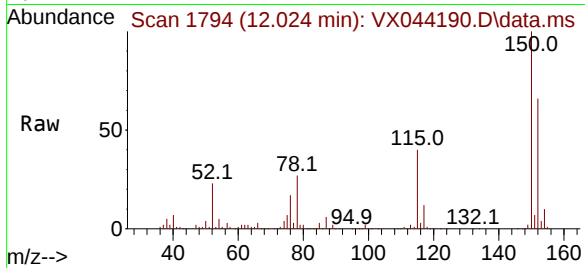




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044190.D
 Acq: 09 Dec 2024 16:04

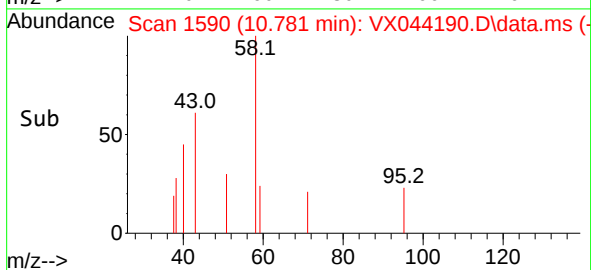
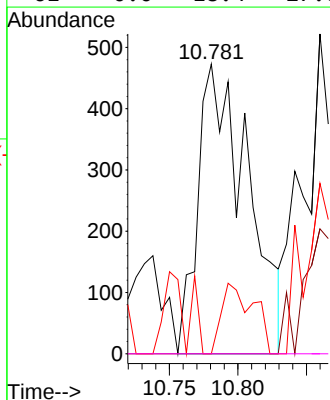
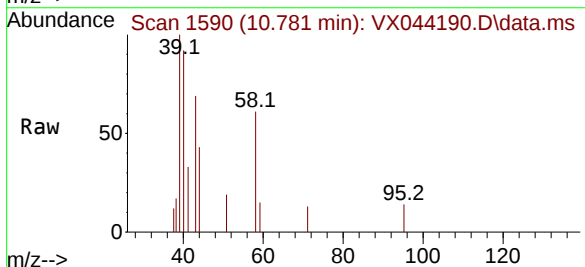
Instrument :
 MSVOA_X
 ClientSampleId :

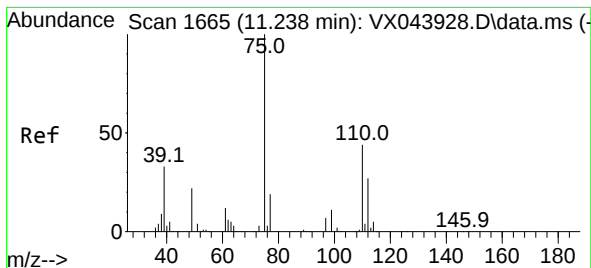
Tgt Ion:152 Resp: 76204
 Ion Ratio Lower Upper
 152 100
 115 63.7 45.4 136.2
 150 156.1 0.0 353.0



#74
 N-ethyl acetate
 Concen: 0.439 ug/l
 RT: 10.781 min Scan# 1590
 Delta R.T. -0.061 min
 Lab File: VX044190.D
 Acq: 09 Dec 2024 16:04

Tgt Ion: 43 Resp: 1191
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.2 48.2#
 55 15.7 18.1 27.1#
 61 0.0 18.4 27.6#





#76

1,2,3-Trichloropropane

Concen: 28.026 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

Instrument :

MSVOA_X

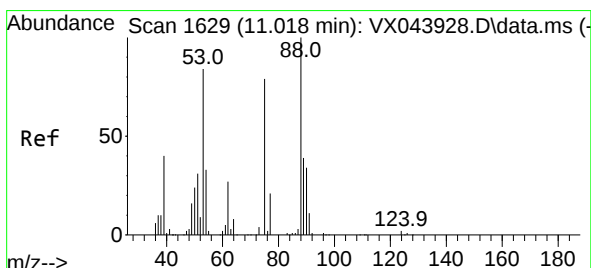
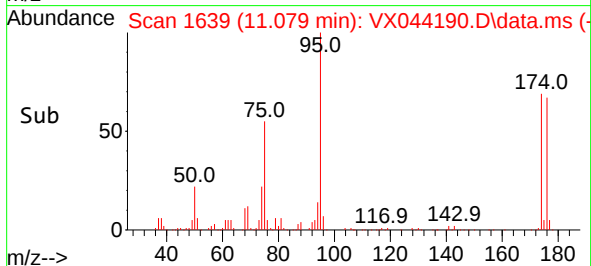
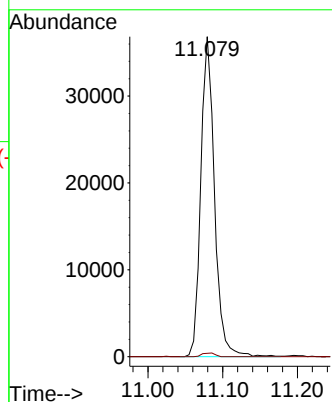
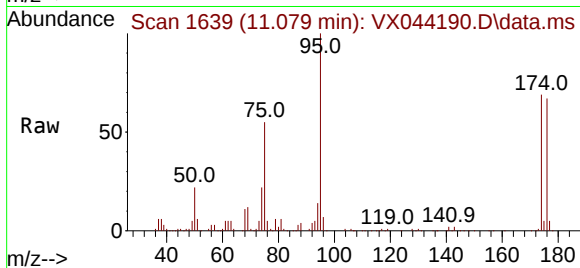
ClientSampleId :

Tgt Ion: 75 Resp: 46835

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.476 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044190.D

Acq: 09 Dec 2024 16:04

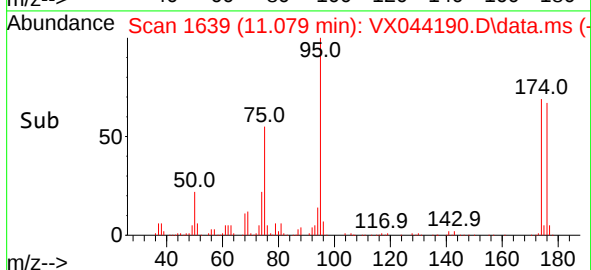
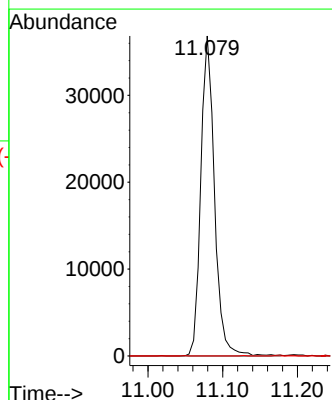
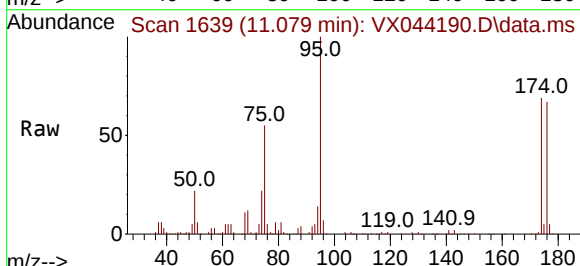
Tgt Ion: 75 Resp: 46835

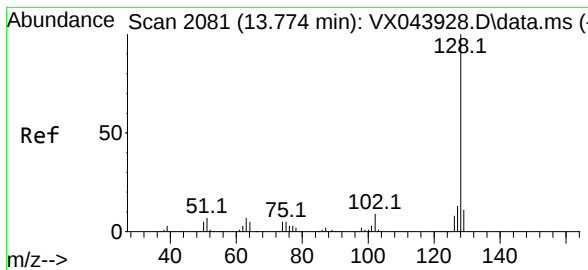
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

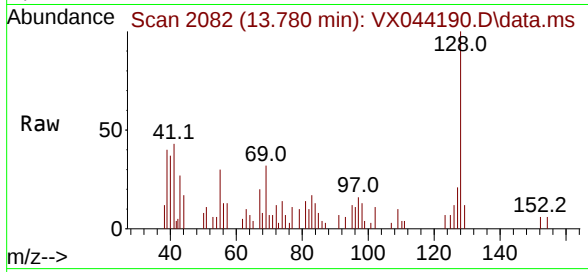
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.519 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044190.D
Acq: 09 Dec 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2830
Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.2	15.2#
129	14.1	8.6	12.8#

