

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036625.D
 Acq On : 24 Jul 2023 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118650	45.322	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.640%
35) Dibromofluoromethane	5.385	113	99971	46.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	377858	49.311	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	145098	50.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.294	85	20	0.009	ug/l #	41
3) Chloromethane	1.294	50	315	0.148	ug/l #	83
4) Vinyl Chloride	1.374	62	99	0.046	ug/l #	45
6) Chloroethane	1.697	64	95	0.090	ug/l #	1
7) Trichlorofluoromethane	1.892	101	54	0.016	ug/l #	48
8) Diethyl Ether	1.916	74	50	0.039	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	137	0.068	ug/l #	33
10) Methyl Iodide	2.453	142	245	0.117	ug/l #	56
12) 1,1-Dichloroethene	2.325	96	180	0.091	ug/l #	48
14) Allyl chloride	2.648	41	86	0.022	ug/l #	45
18) Methyl Acetate	2.703	43	568	0.124	ug/l #	53
21) trans-1,2-Dichloroethene	3.105	96	250	0.113	ug/l #	55
22) Diisopropyl ether	3.764	45	65	0.009	ug/l #	56
23) Vinyl Acetate	3.739	43	442	0.078	ug/l #	73
25) 2-Butanone	4.550	43	145	0.082	ug/l #	51
26) 2,2-Dichloropropane	4.489	77	26	0.007	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	147	0.056	ug/l	45
29) Tetrahydrofuran	5.001	42	153	0.135	ug/l #	48
30) Chloroform	5.117	83	270	0.064	ug/l #	19
31) Cyclohexane	5.458	56	236	0.065	ug/l #	7
32) 1,1,1-Trichloroethane	5.599	97	47	0.012	ug/l #	23
37) Ethyl Acetate	4.721	43	38	0.010	ug/l #	69
39) Methylcyclohexane	7.379	83	287	0.072	ug/l #	58
40) Benzene	6.031	78	164	0.018	ug/l #	51
41) Methacrylonitrile	4.897	41	101	0.052	ug/l #	25
42) 1,2-Dichloroethane	6.092	62	286	0.083	ug/l #	77
43) Isopropyl Acetate	6.330	43	59	0.009	ug/l #	62
44) Trichloroethene	7.129	130	100	0.041	ug/l	54
46) Dibromomethane	7.586	93	28	0.016	ug/l #	7
47) Bromodichloromethane	7.824	83	49	0.014	ug/l #	26
48) Methyl methacrylate	7.696	41	146	0.050	ug/l #	34
51) 4-Methyl-2-Pentanone	8.574	43	345	0.099	ug/l #	37
52) Toluene	8.720	92	203	0.035	ug/l #	12
53) t-1,3-Dichloropropene	8.988	75	232	0.057	ug/l #	42
54) cis-1,3-Dichloropropene	8.366	75	147	0.034	ug/l #	90
56) Ethyl methacrylate	9.122	69	281	0.070	ug/l #	36

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036625.D
 Acq On : 24 Jul 2023 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

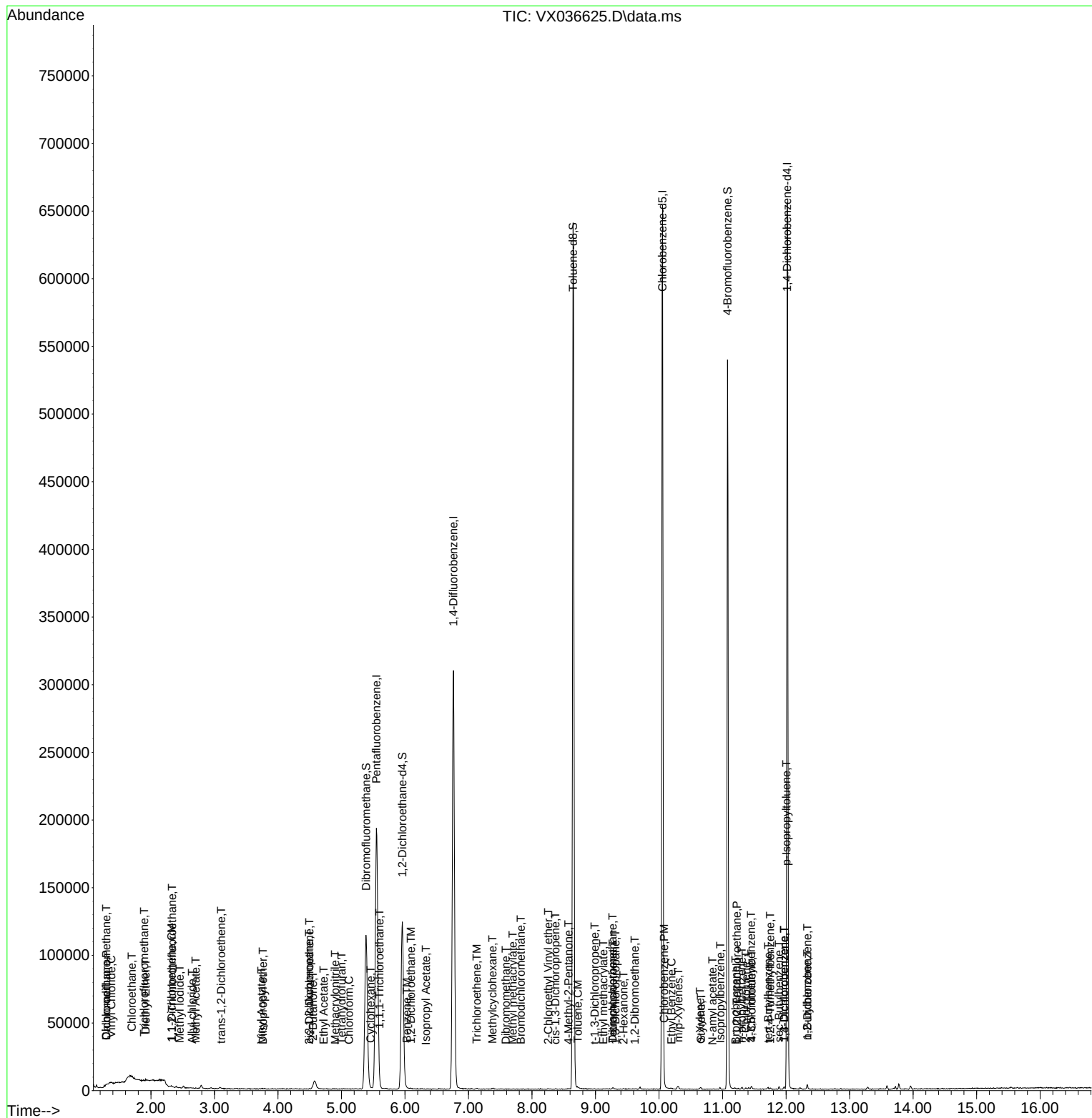
57) 1,3-Dichloropropane	9.311	76	59	0.014	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.257	63	127	0.064	ug/l #	47
59) 2-Hexanone	9.439	43	292	0.113	ug/l	98
60) Dibromochloromethane	9.269	129	129	0.048	ug/l #	11
61) 1,2-Dibromoethane	9.616	107	84	0.033	ug/l #	62
64) Tetrachloroethene	9.275	164	112	0.052	ug/l #	84
65) Chlorobenzene	10.079	112	402	0.063	ug/l #	76
67) Ethyl Benzene	10.195	91	522	0.045	ug/l	93
68) m/p-Xylenes	10.305	106	509	0.117	ug/l	98
69) o-Xylene	10.646	106	119	0.027	ug/l #	1
70) Styrene	10.659	104	416	0.058	ug/l #	84
73) Isopropylbenzene	10.963	105	603	0.056	ug/l	82
74) N-amyl acetate	10.842	43	318	0.063	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	11.226	83	93	0.025	ug/l #	26
77) Bromobenzene	11.207	156	121	0.049	ug/l #	11
78) n-propylbenzene	11.305	91	1086	0.087	ug/l	90
79) 2-Chlorotoluene	11.366	91	667	0.088	ug/l	78
80) 1,3,5-Trimethylbenzene	11.451	105	564	0.062	ug/l	91
82) 4-Chlorotoluene	11.457	91	920	0.106	ug/l	88
83) tert-Butylbenzene	11.719	119	543	0.061	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	636	0.070	ug/l	89
85) sec-Butylbenzene	11.890	105	994	0.089	ug/l	96
86) p-Isopropyltoluene	12.006	119	781	0.085	ug/l #	18
87) 1,3-Dichlorobenzene	11.969	146	592	0.129	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	592	0.130	ug/l	90
89) n-Butylbenzene	12.335	91	1250	0.153	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	470	0.107	ug/l	88

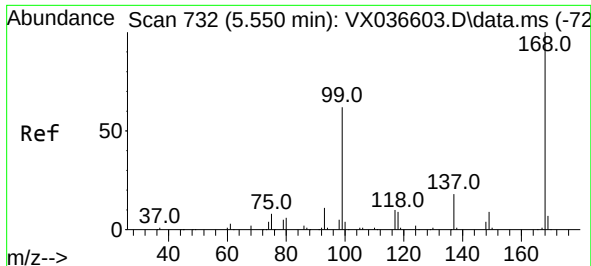
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036625.D
 Acq On : 24 Jul 2023 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

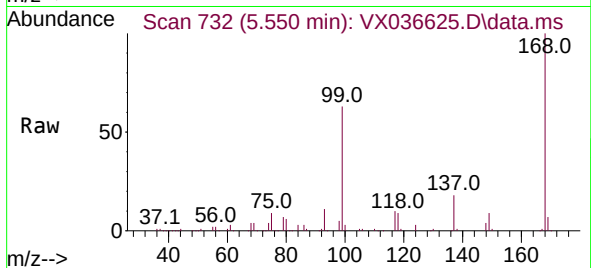
Quant Time: Jul 25 06:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration



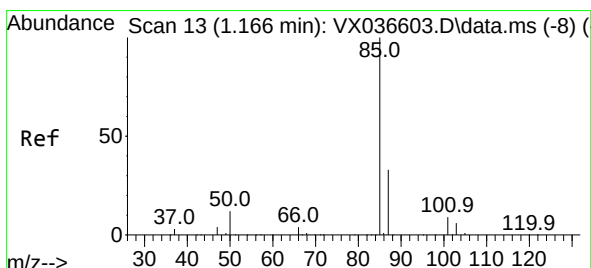
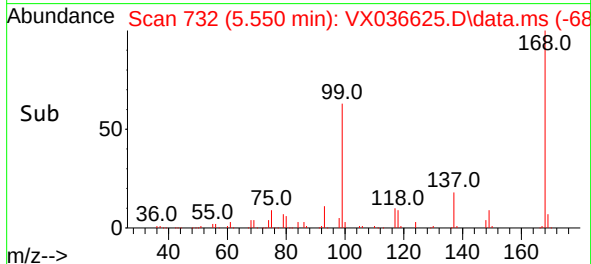
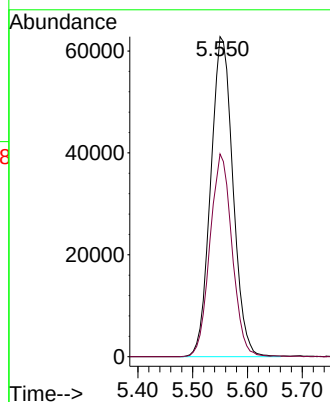


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

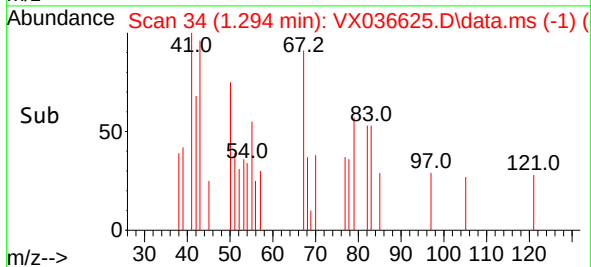
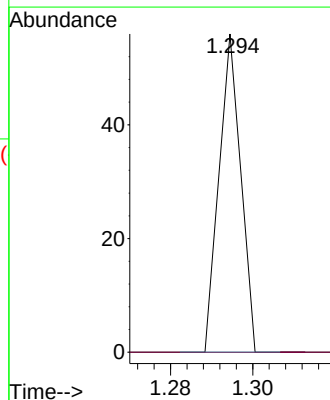
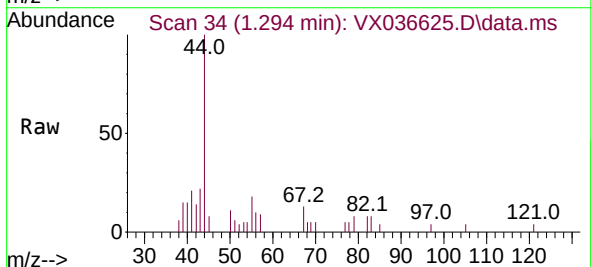


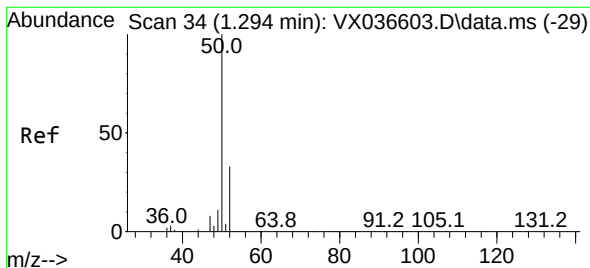
Tgt Ion:168 Resp: 176928
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.009 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.128 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3

Chloromethane

Concen: 0.148 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

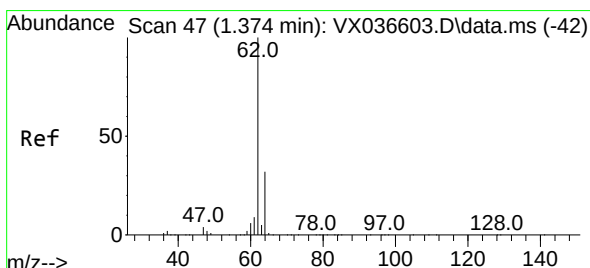
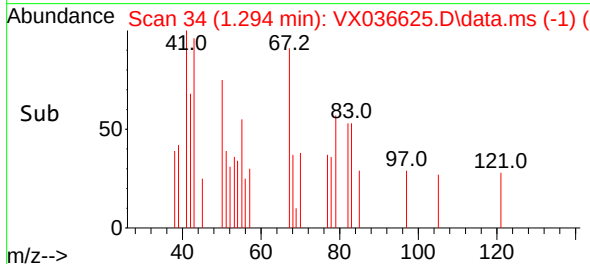
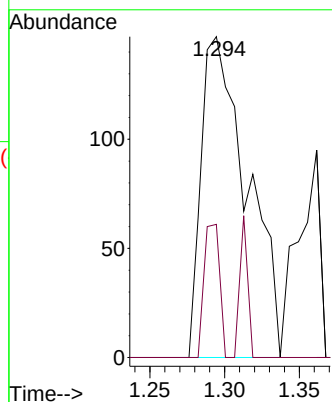
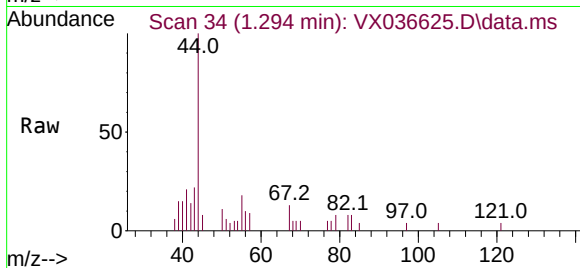
IBLK

Tgt Ion: 50 Resp: 315

Ion Ratio Lower Upper

50 100

52 41.5 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.046 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036625.D

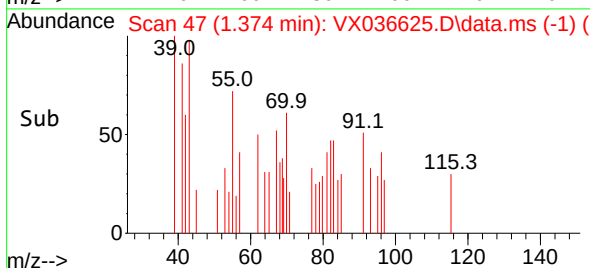
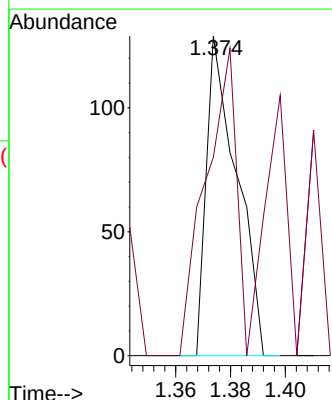
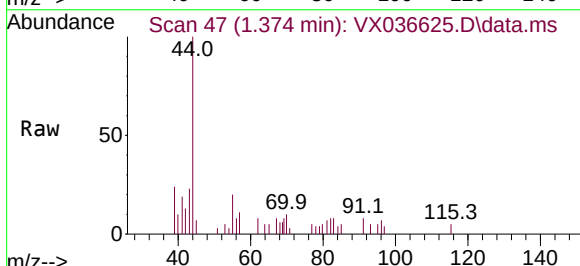
Acq: 24 Jul 2023 12:32

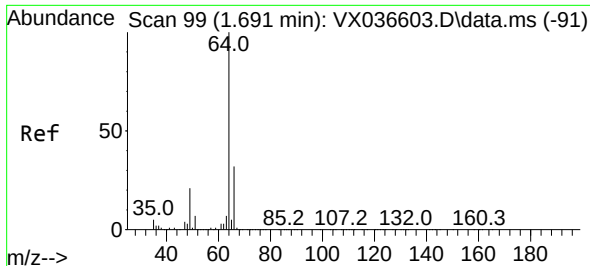
Tgt Ion: 62 Resp: 99

Ion Ratio Lower Upper

62 100

64 62.0 25.4 38.0#

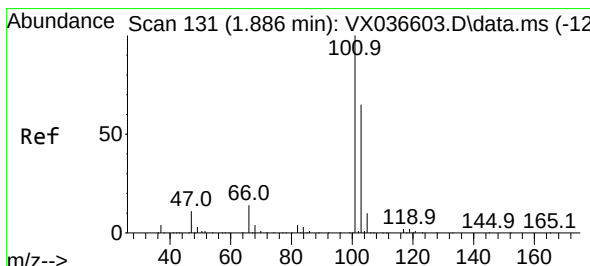
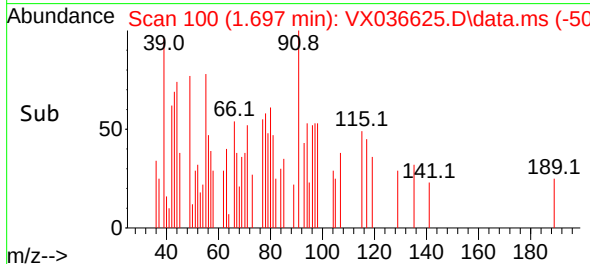
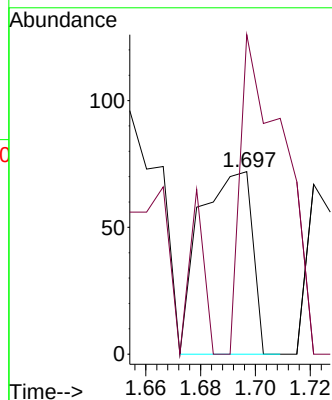
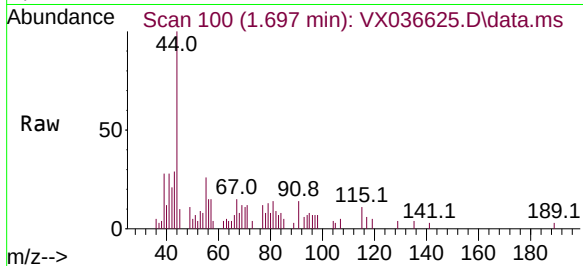




#6
Chloroethane
Concen: 0.090 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

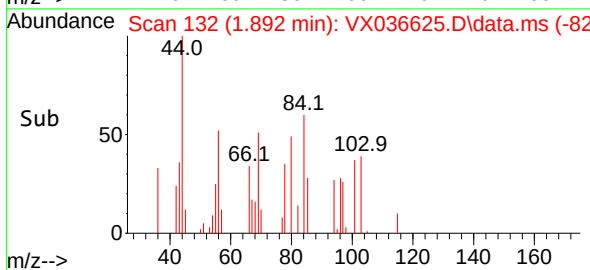
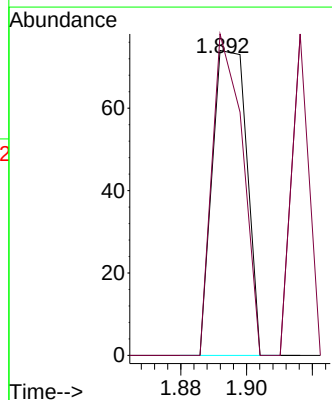
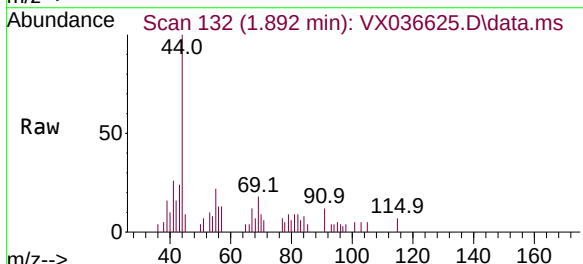
Instrument :
MSVOA_X
ClientSampleId :
IBLK

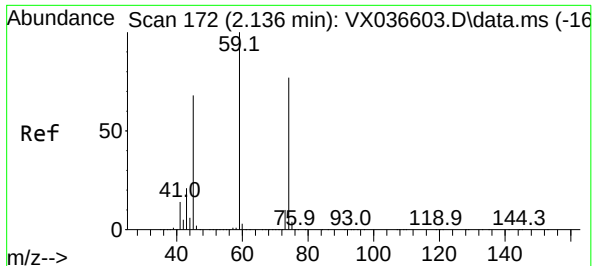
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 175.0 25.1 37.7#



#7
Trichlorofluoromethane
Concen: 0.016 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 101 Resp: 54
Ion Ratio Lower Upper
101 100
103 105.4 51.4 77.2#

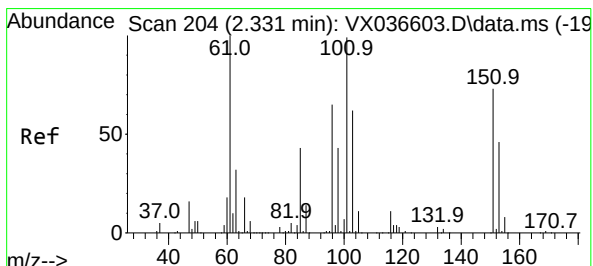
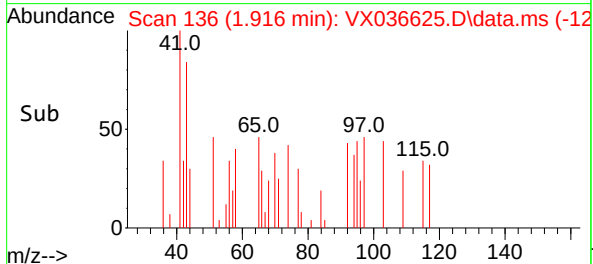
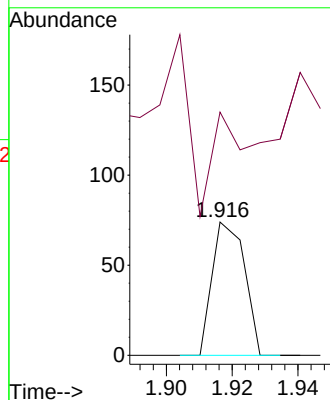
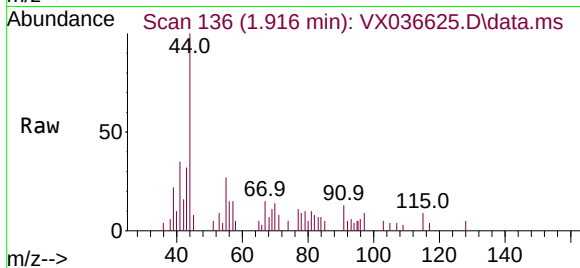




#8
Diethyl Ether
Concen: 0.039 ug/l
RT: 1.916 min Scan# 11
Delta R.T. -0.219 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

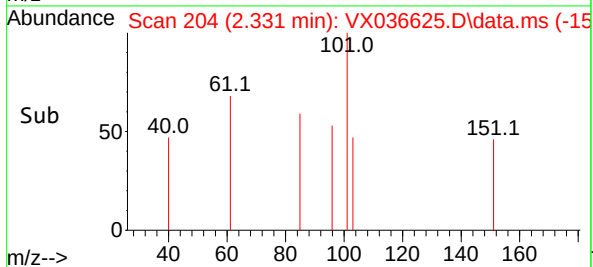
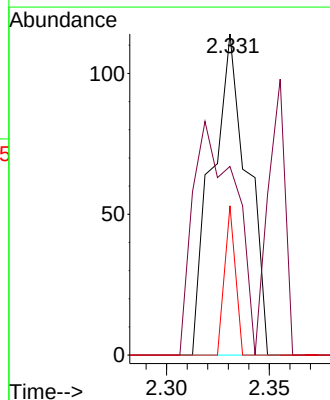
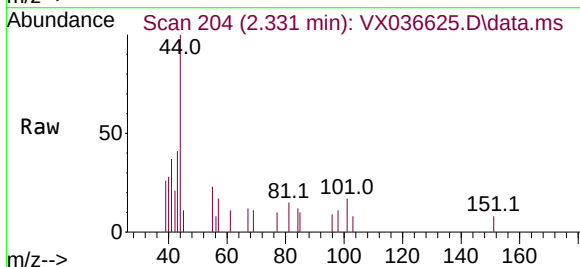
Instrument :
MSVOA_X
ClientSampleId :
IBLK

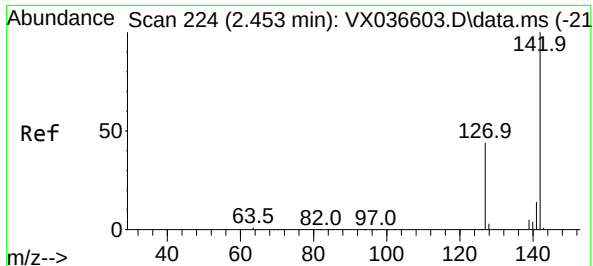
Tgt Ion: 74 Resp: 50
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.068 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 101 Resp: 137
Ion Ratio Lower Upper
101 100
85 86.9 37.0 55.6#
151 13.9 58.6 87.8#

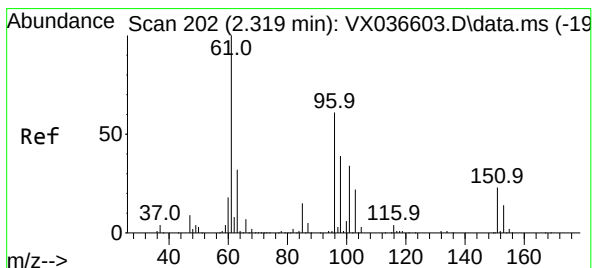
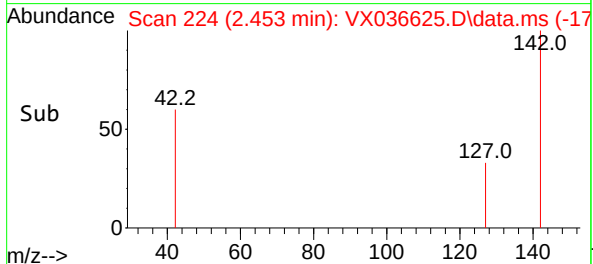
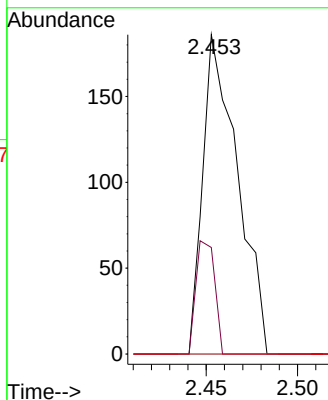
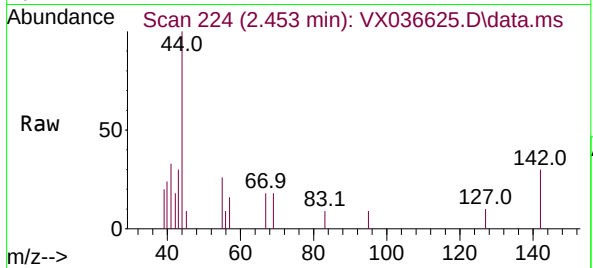




#10
Methyl Iodide
Concen: 0.117 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

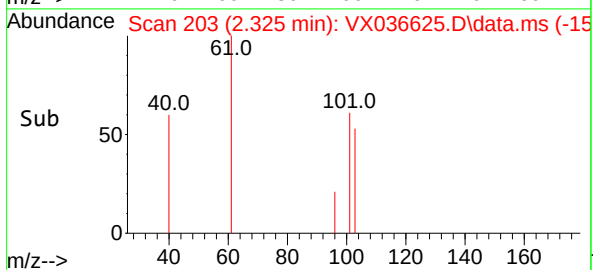
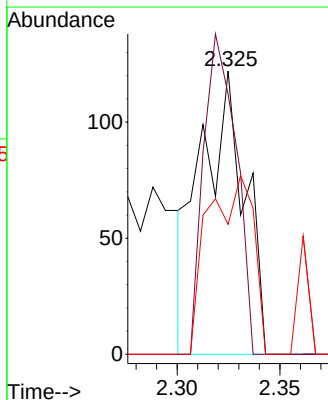
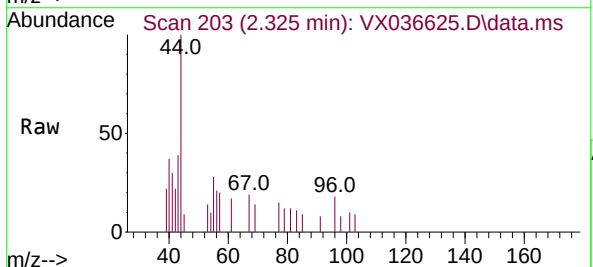
Instrument :
MSVOA_X
ClientSampleId :
IBLK

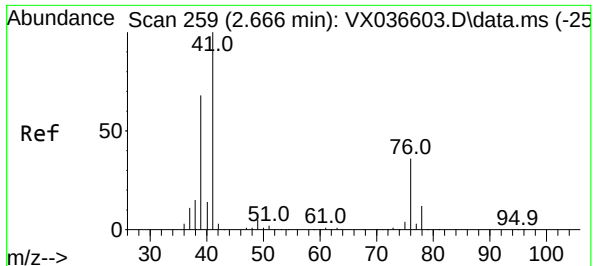
Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
142 100
127 19.2 41.6 62.4#
141 0.0 11.6 17.4#



#12
1,1-Dichloroethene
Concen: 0.091 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 96 Resp: 180
Ion Ratio Lower Upper
96 100
61 91.8 144.6 216.8#
98 45.9 50.4 75.6#

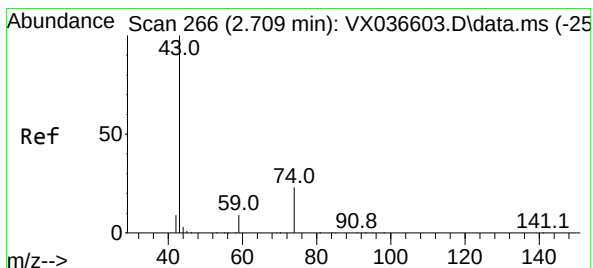
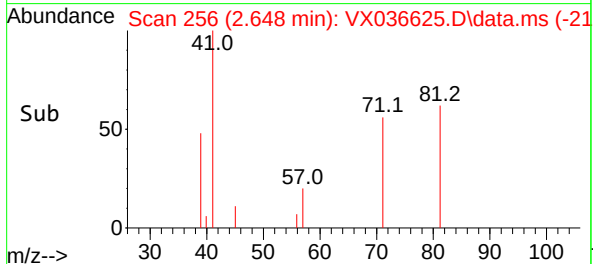
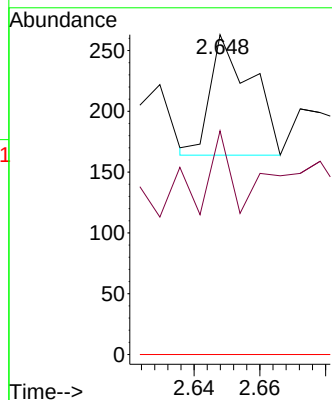
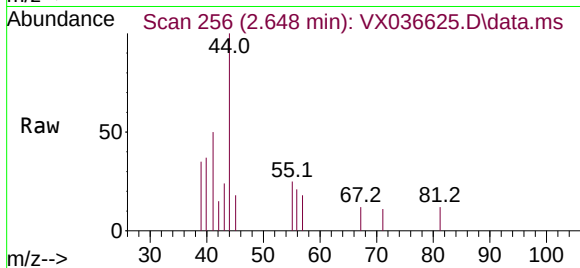




#14
 Allyl chloride
 Concen: 0.022 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

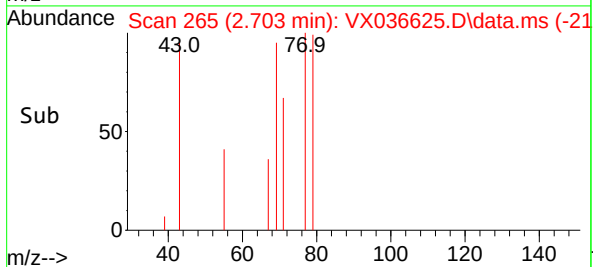
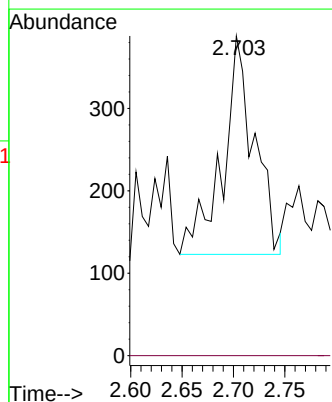
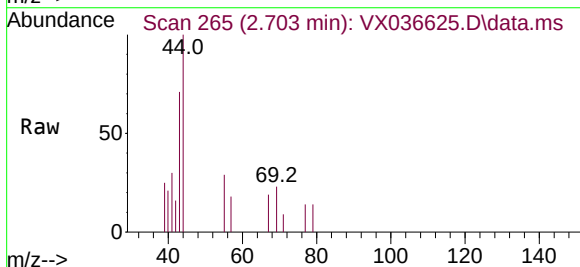
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

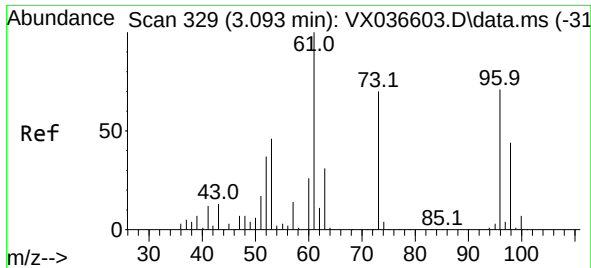
Tgt Ion: 41 Resp: 86
 Ion Ratio Lower Upper
 41 100
 39 114.0 55.8 83.6#
 76 0.0 24.3 36.5#



#18
 Methyl Acetate
 Concen: 0.124 ug/l
 RT: 2.703 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Tgt Ion: 43 Resp: 568
 Ion Ratio Lower Upper
 43 100
 74 0.0 17.8 26.8#

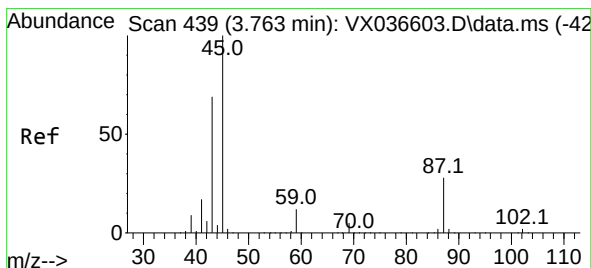
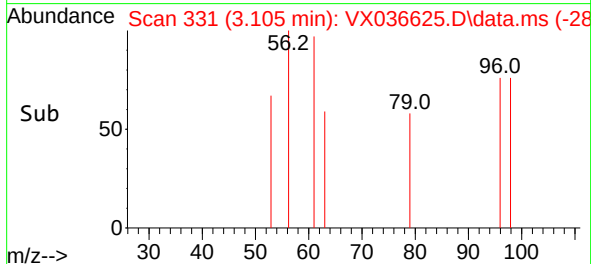
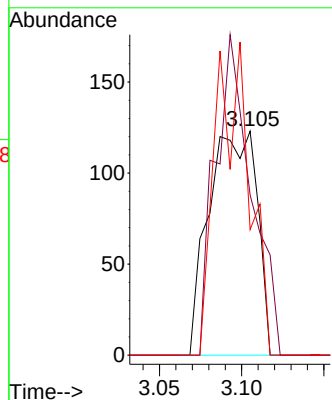
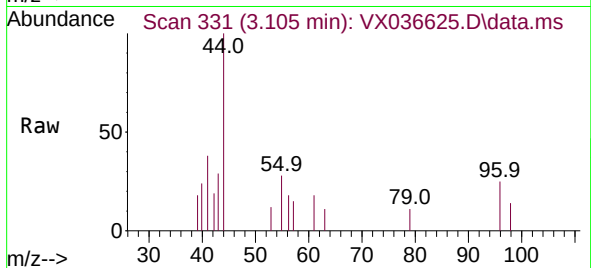




#21
trans-1,2-Dichloroethene
Concen: 0.113 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

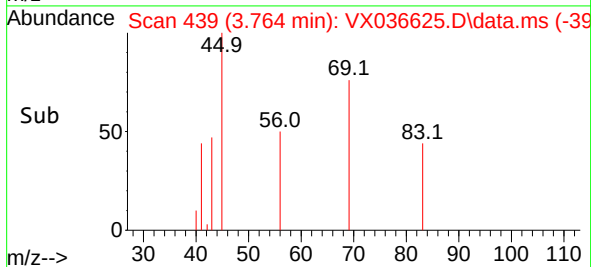
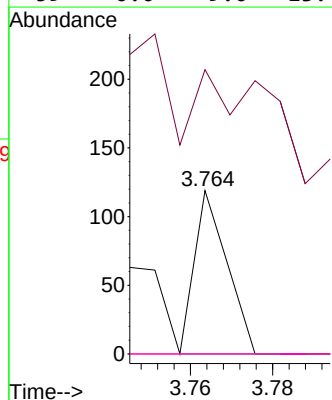
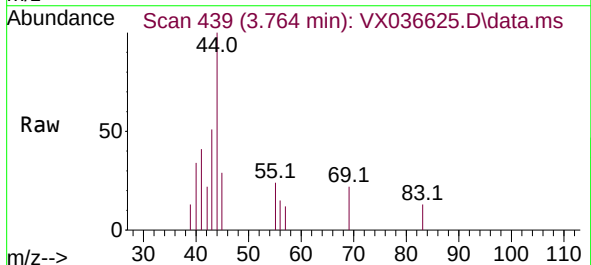
Instrument :
MSVOA_X
ClientSampleId :
IBLK

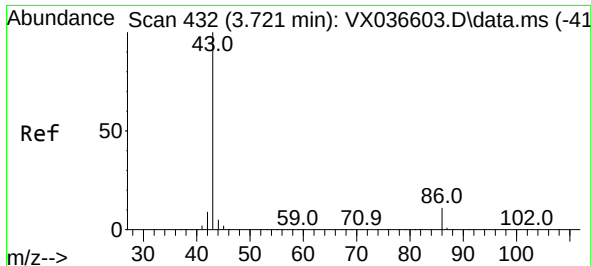
Tgt Ion: 96 Resp: 250
Ion Ratio Lower Upper
96 100
61 71.5 119.2 178.8#
98 56.1 48.7 73.1



#22
Diisopropyl ether
Concen: 0.009 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 45 Resp: 65
Ion Ratio Lower Upper
45 100
43 46.2 69.7 104.5#
87 0.0 20.8 31.2#
59 0.0 9.0 13.4#

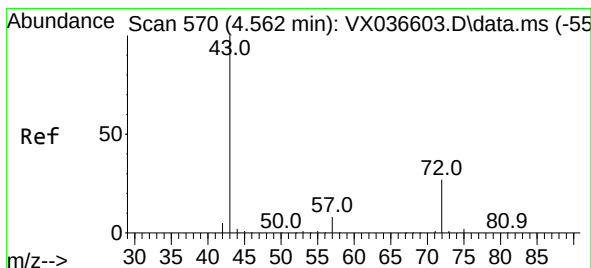
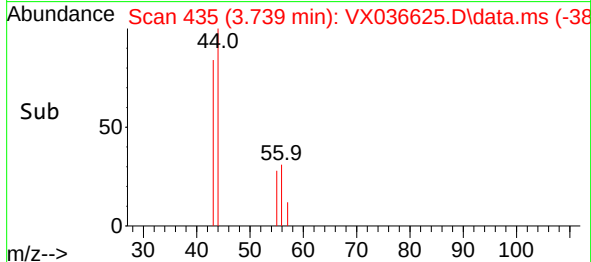
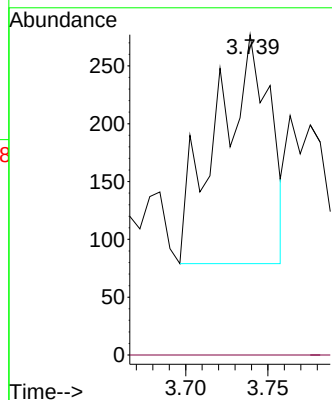
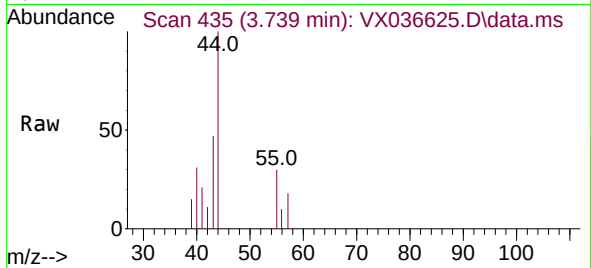




#23
 Vinyl Acetate
 Concen: 0.078 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

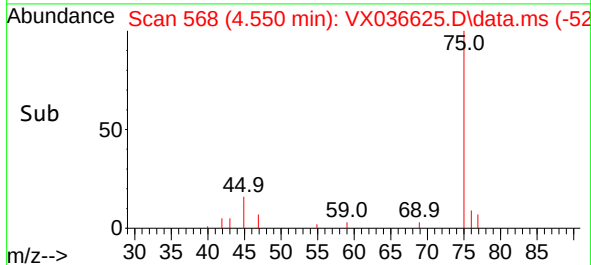
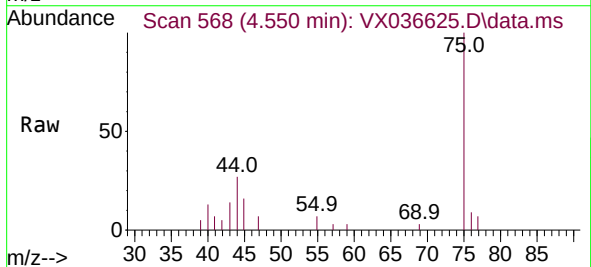
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

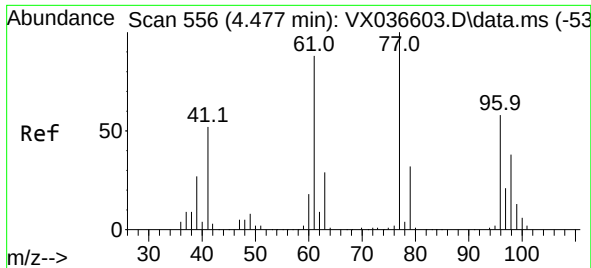
Tgt Ion: 43 Resp: 442
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.082 ug/l
 RT: 4.550 min Scan# 568
 Delta R.T. -0.012 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Tgt Ion: 43 Resp: 145
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.007 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

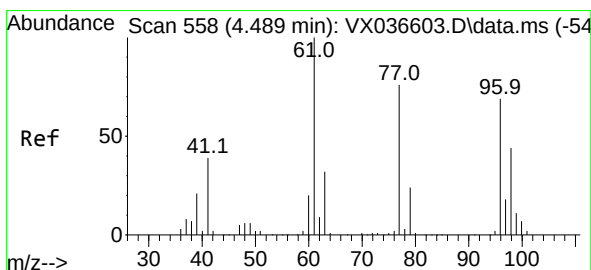
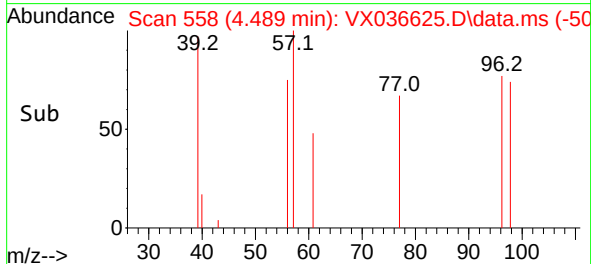
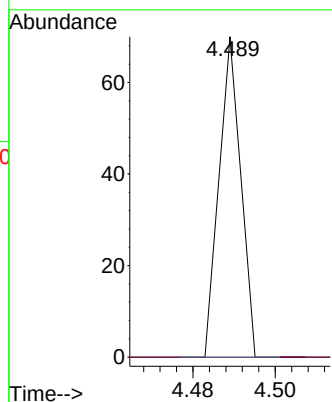
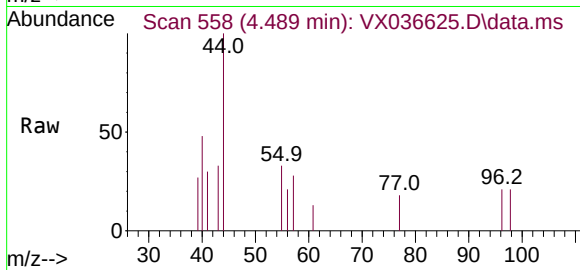
IBLK

Tgt Ion: 77 Resp: 26

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#27

cis-1,2-Dichloroethene

Concen: 0.056 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

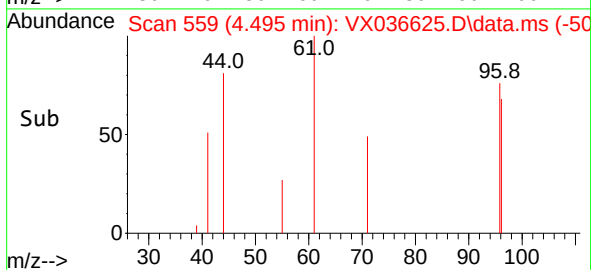
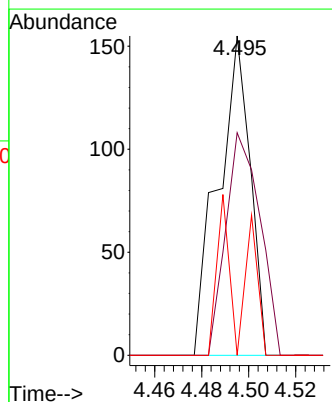
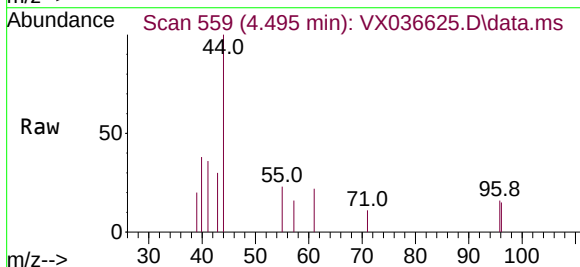
Tgt Ion: 96 Resp: 147

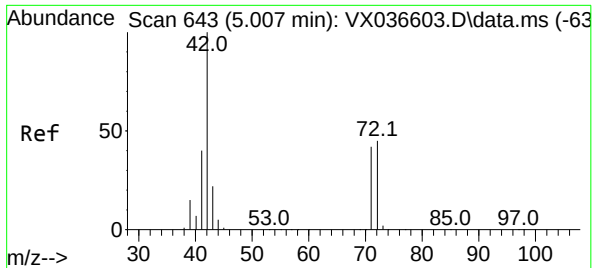
Ion Ratio Lower Upper

96 100

61 74.1 0.0 312.2

98 36.1 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.135 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

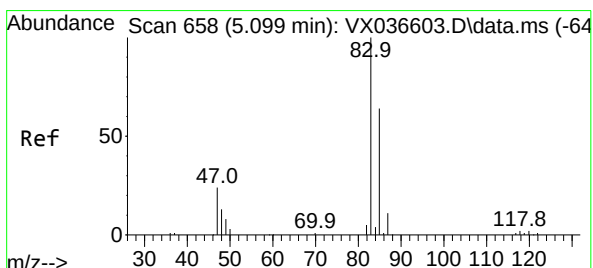
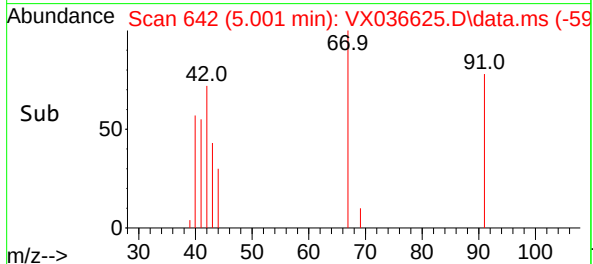
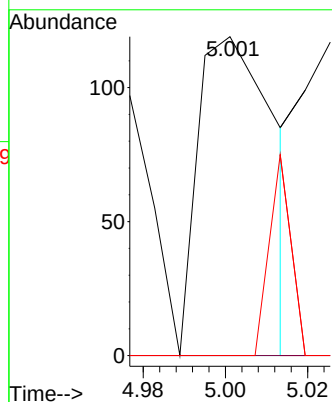
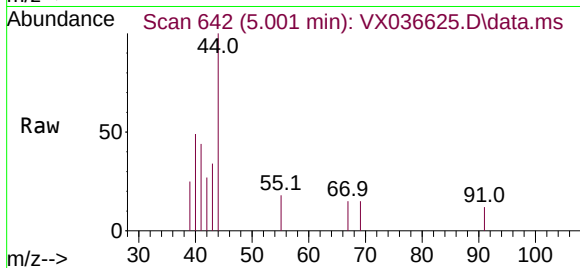
Tgt Ion: 42 Resp: 153

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 17.6 32.2 48.2#



#30

Chloroform

Concen: 0.064 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.018 min

Lab File: VX036625.D

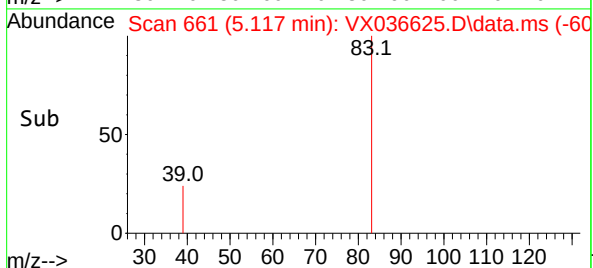
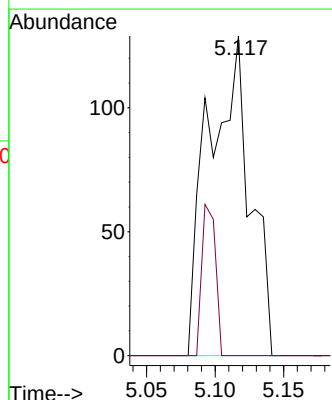
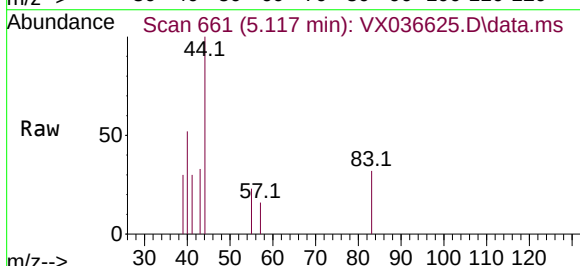
Acq: 24 Jul 2023 12:32

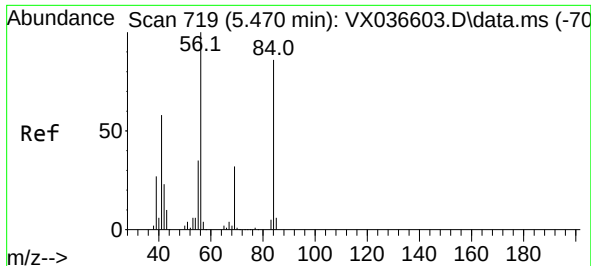
Tgt Ion: 83 Resp: 270

Ion Ratio Lower Upper

83 100

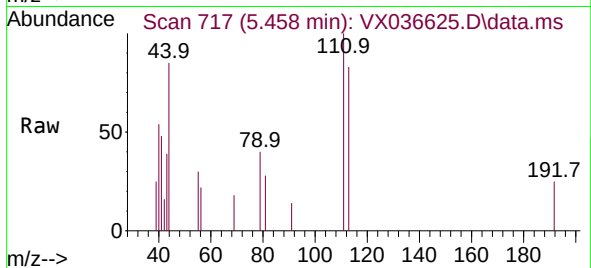
85 0.0 50.3 75.5#





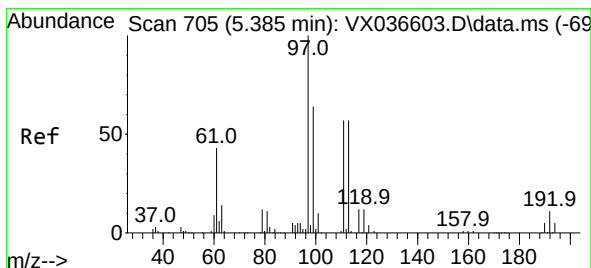
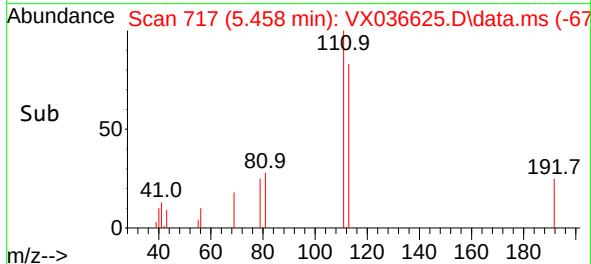
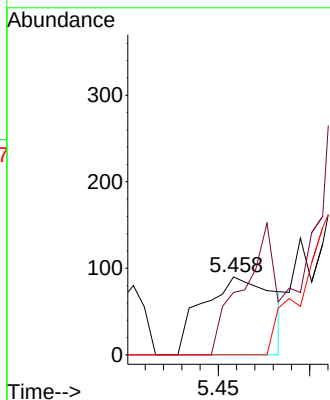
#31
Cyclohexane
Concen: 0.065 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 56 Resp: 236

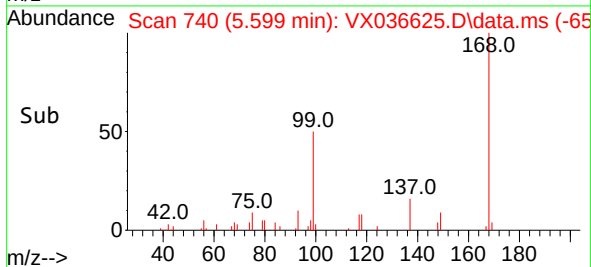
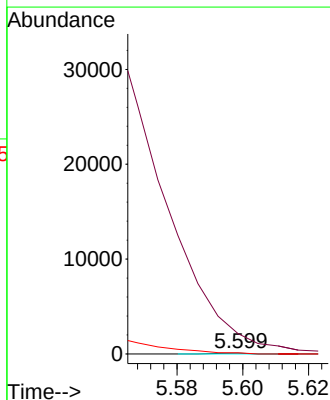
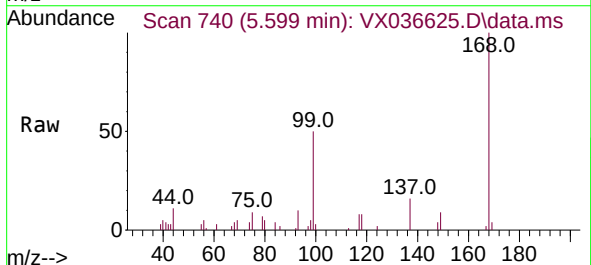
Ion	Ratio	Lower	Upper
56	100		
69	80.0	23.4	35.2#
84	0.0	65.9	98.9#

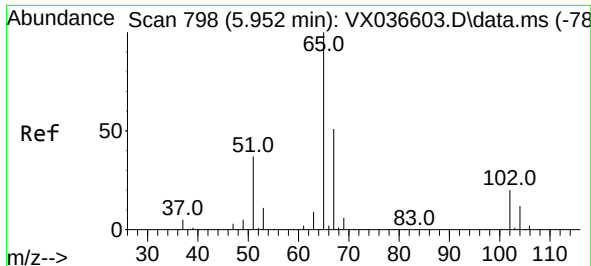


#32
1,1,1-Trichloroethane
Concen: 0.012 ug/l
RT: 5.599 min Scan# 740
Delta R.T. 0.213 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 97 Resp: 47

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	0.0	36.4	54.6#





#33

1,2-Dichloroethane-d4

Concen: 45.322 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

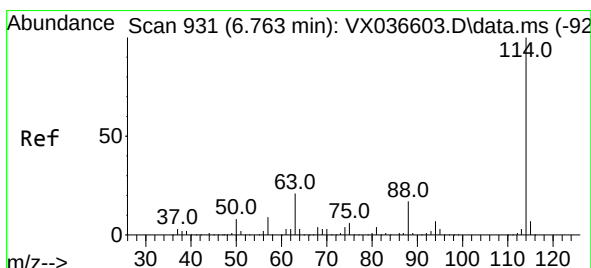
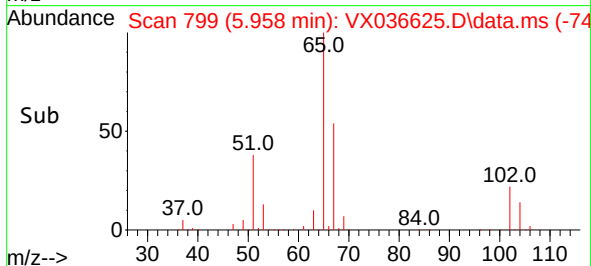
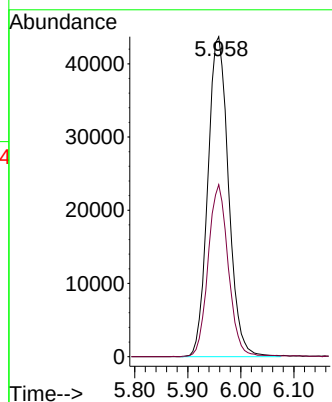
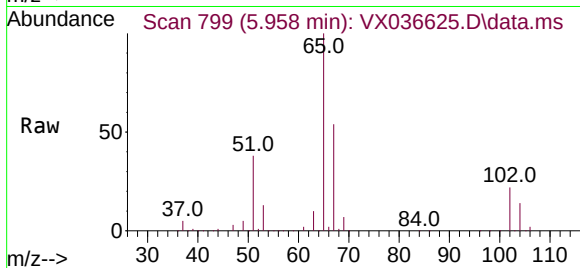
IBLK

Tgt Ion: 65 Resp: 118650

Ion Ratio Lower Upper

65 100

67 52.5 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: VX036625.D

Acq: 24 Jul 2023 12:32

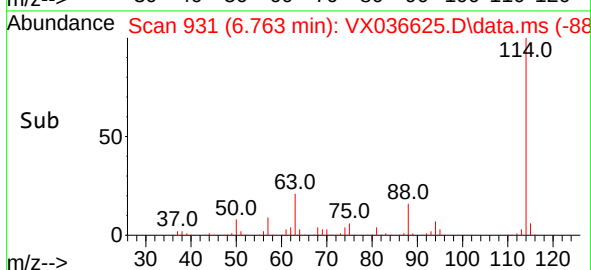
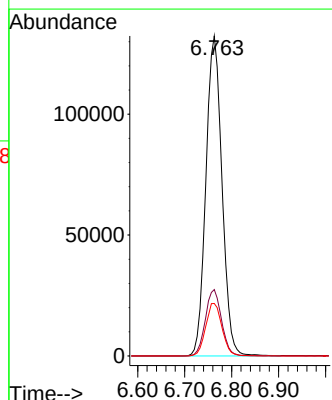
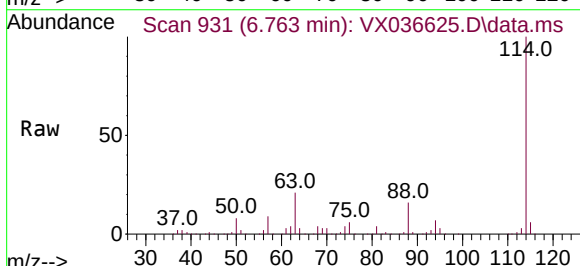
Tgt Ion: 114 Resp: 314372

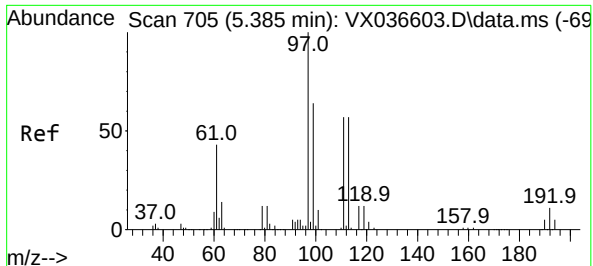
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.4 0.0 36.6

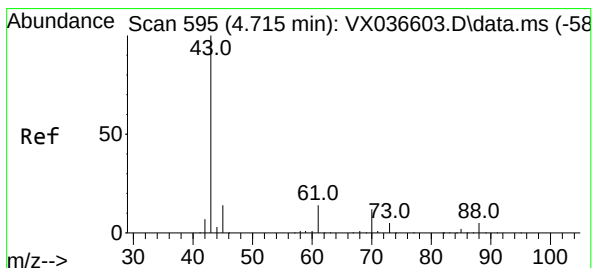
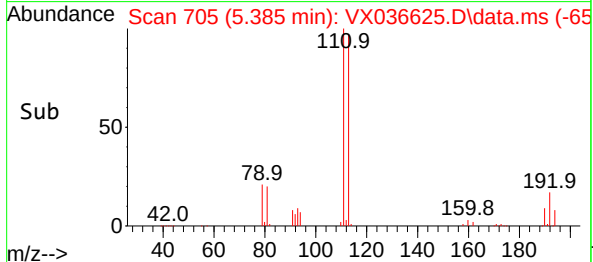
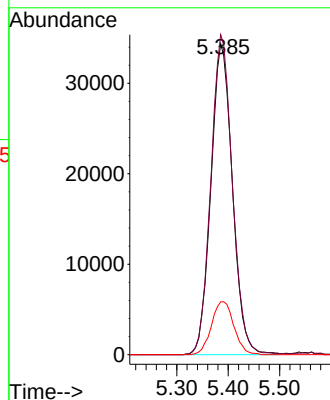
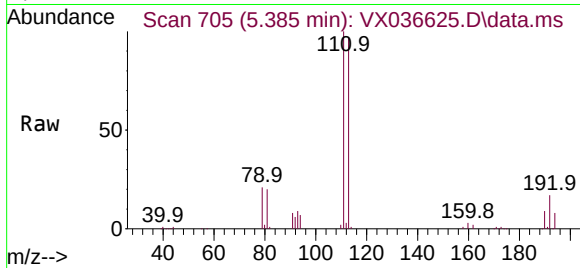




#35
Dibromofluoromethane
Concen: 46.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

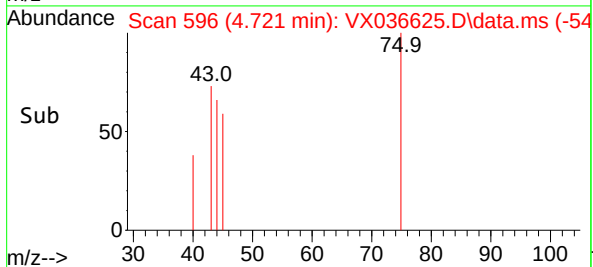
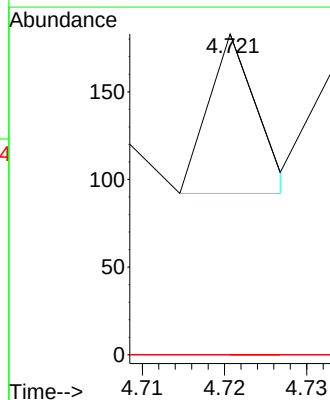
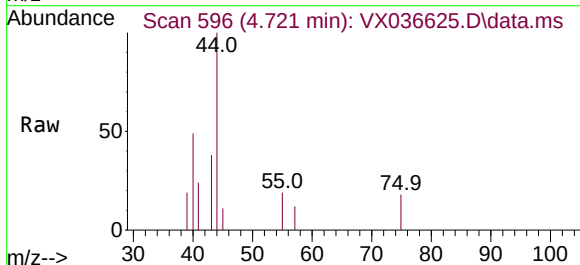
Instrument :
MSVOA_X
ClientSampleId :
IBLK

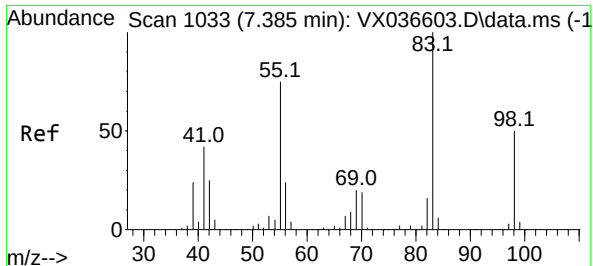
Tgt Ion:113 Resp: 99971
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.8 13.3 19.9



#37
Ethyl Acetate
Concen: 0.010 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#39

Methylcyclohexane

Concen: 0.072 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

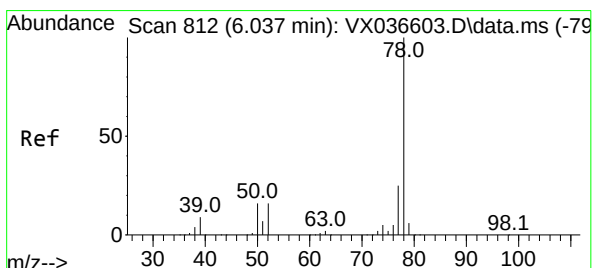
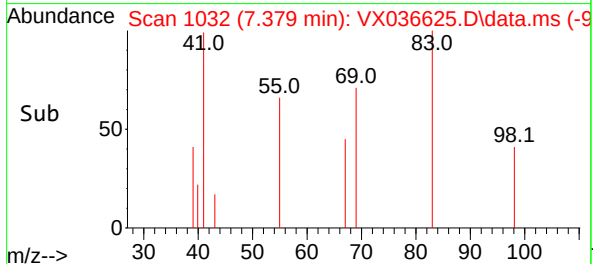
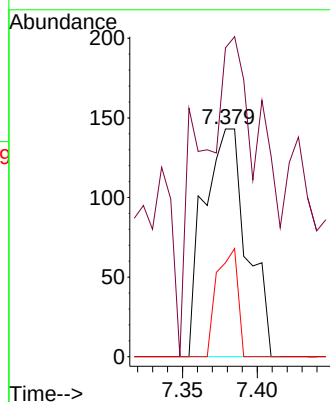
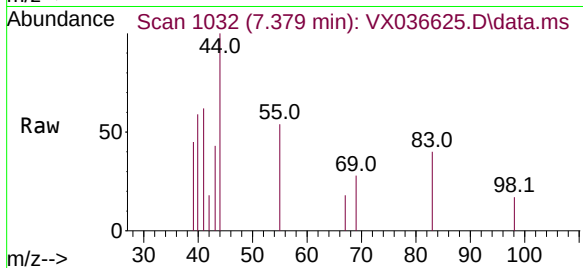
Tgt Ion: 83 Resp: 287

Ion Ratio Lower Upper

83 100

55 135.7 64.6 97.0#

98 41.3 36.7 55.1



#40

Benzene

Concen: 0.018 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036625.D

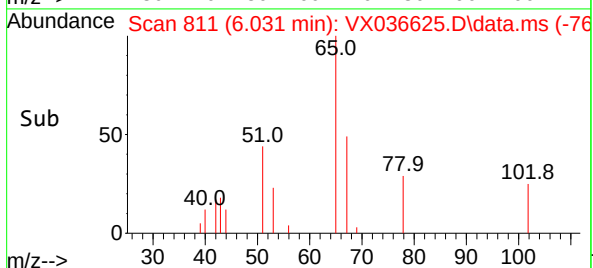
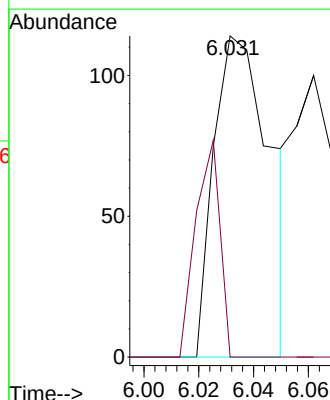
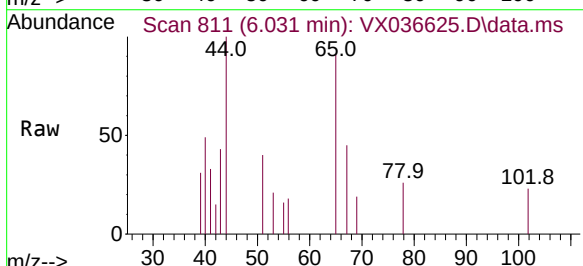
Acq: 24 Jul 2023 12:32

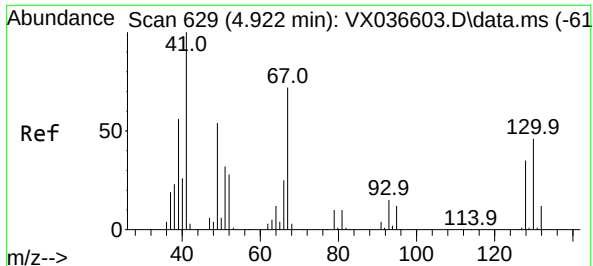
Tgt Ion: 78 Resp: 164

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#

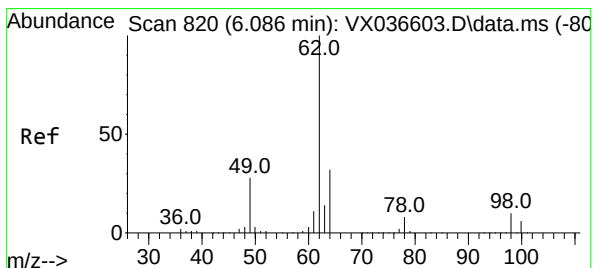
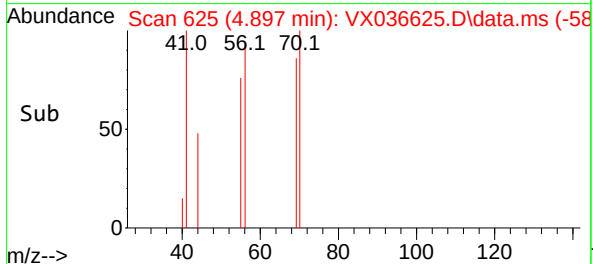
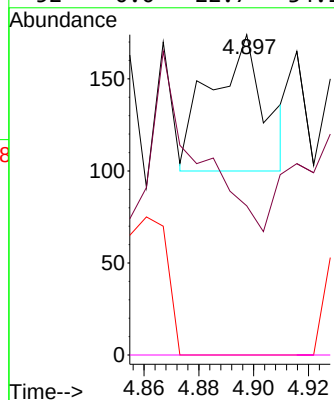
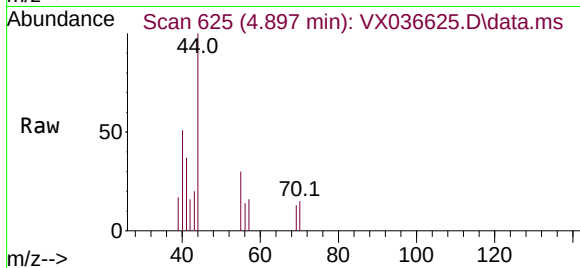




#41
Methacrylonitrile
Concen: 0.052 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

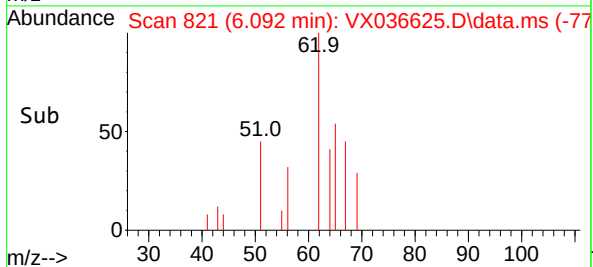
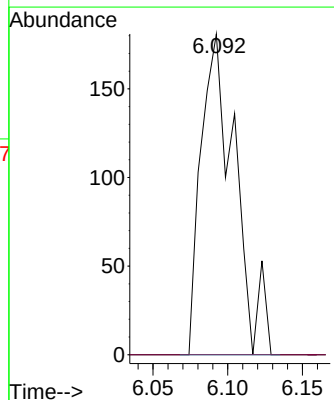
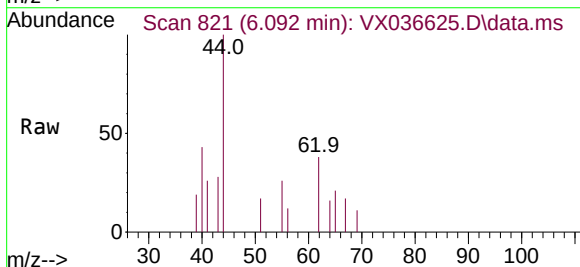
Instrument :
MSVOA_X
ClientSampleId :
IBLK

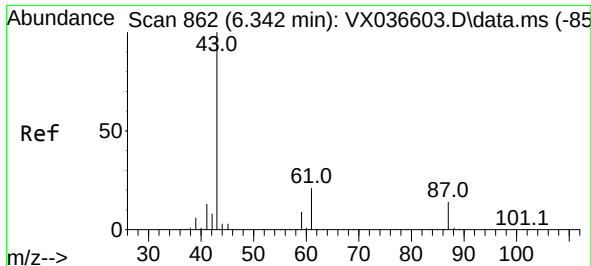
Tgt Ion: 41	Resp:	101
Ion	Ratio	Lower Upper
41	100	
39	0.0	45.2 67.8#
67	0.0	52.6 78.8#
52	0.0	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 0.083 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 62	Resp:	286
Ion	Ratio	Lower Upper
62	100	
98	0.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.009 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

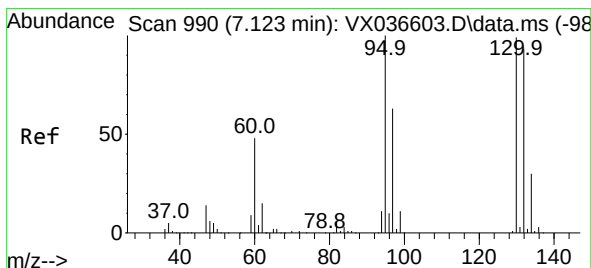
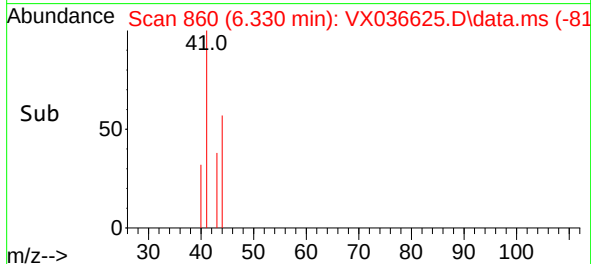
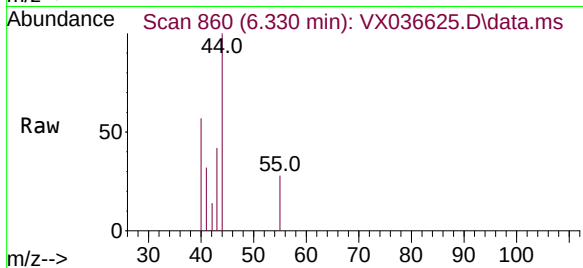
Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.041 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036625.D

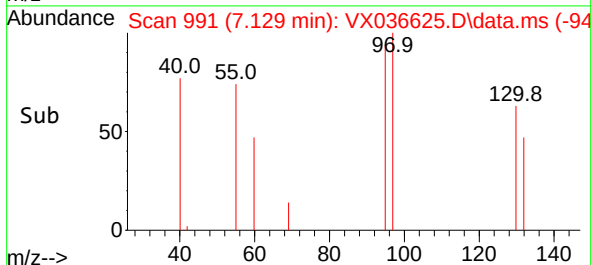
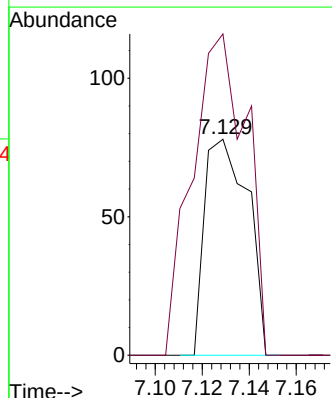
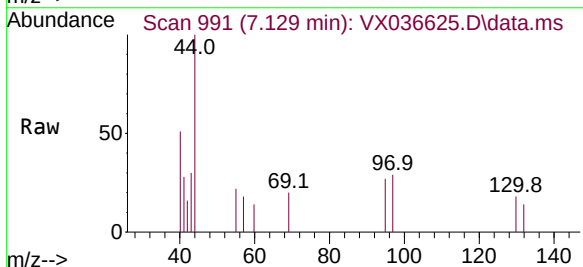
Acq: 24 Jul 2023 12:32

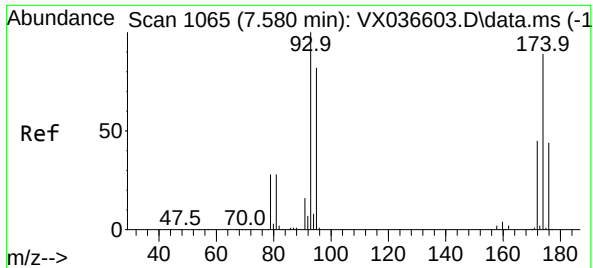
Tgt Ion:130 Resp: 100

Ion Ratio Lower Upper

130 100

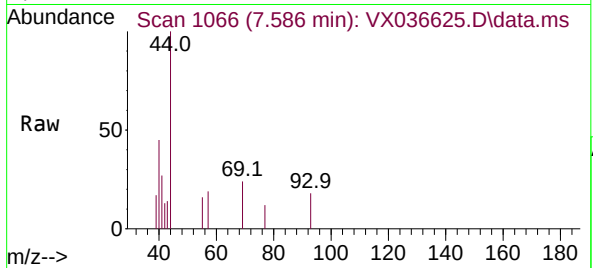
95 148.7 0.0 204.4





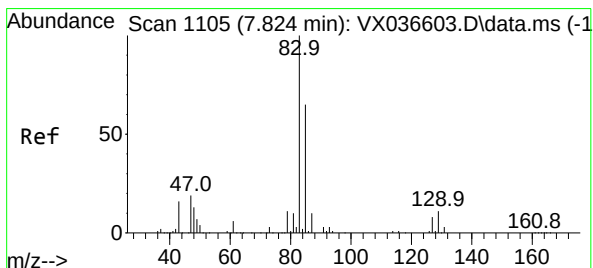
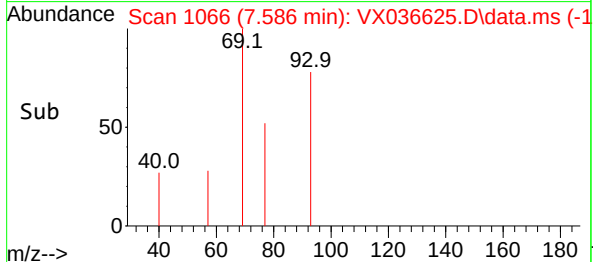
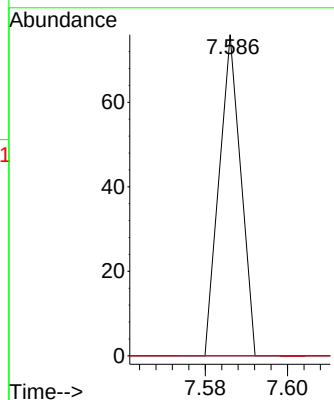
#46
 Dibromomethane
 Concen: 0.016 ug/l
 RT: 7.586 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 93 Resp: 28

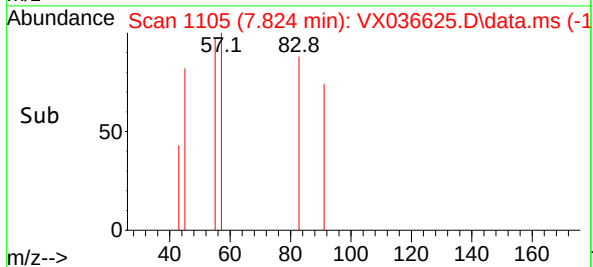
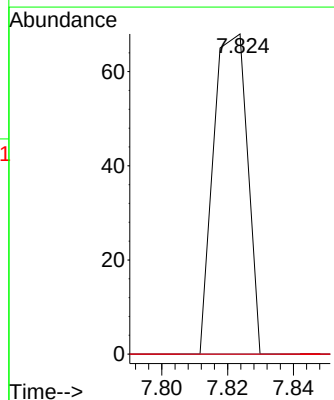
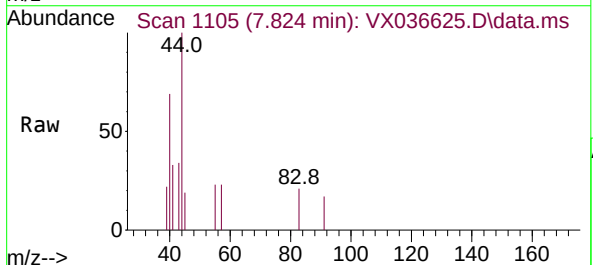
Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.6	100.0#
174	0.0	69.4	104.0#

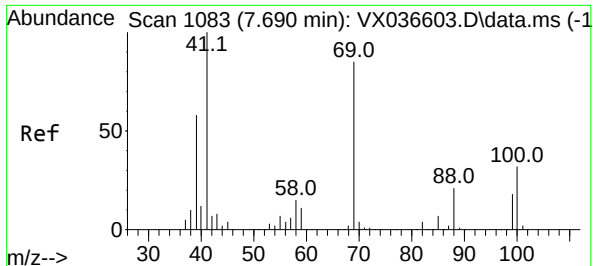


#47
 Bromodichloromethane
 Concen: 0.014 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Tgt Ion: 83 Resp: 49

Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.8	74.6#
127	0.0	7.1	10.7#

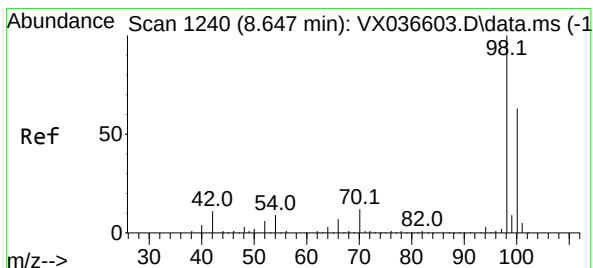
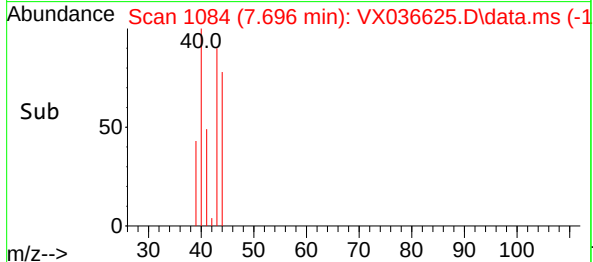
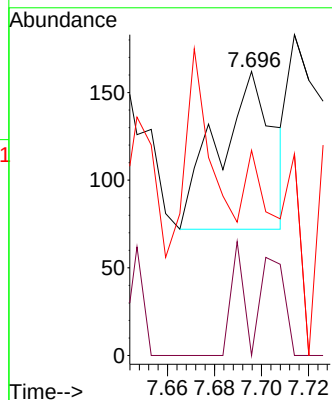
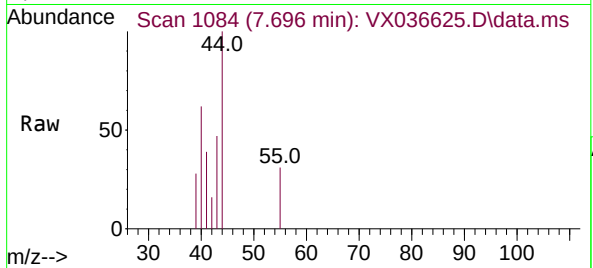




#48
Methyl methacrylate
Concen: 0.050 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

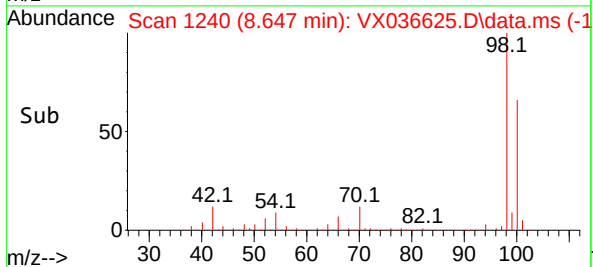
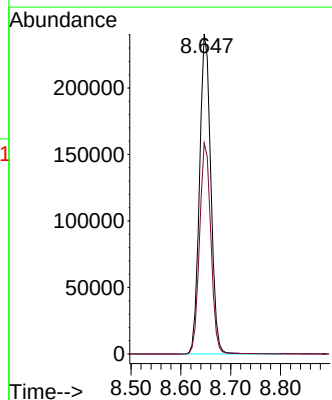
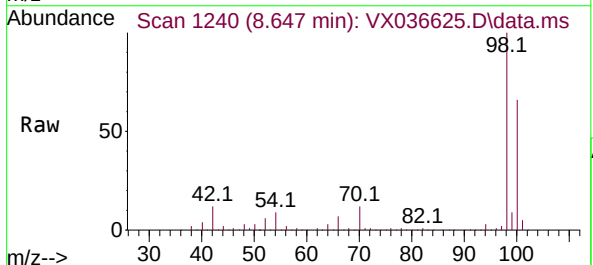
Instrument :
MSVOA_X
ClientSampleId :
IBLK

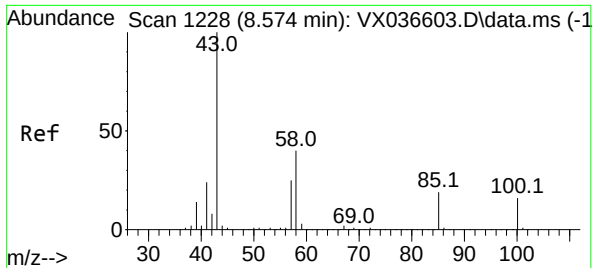
Tgt Ion: 41 Resp: 146
Ion Ratio Lower Upper
41 100
69 27.4 59.2 88.8#
39 0.0 47.7 71.5#



#50
Toluene-d8
Concen: 49.311 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 98 Resp: 377858
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

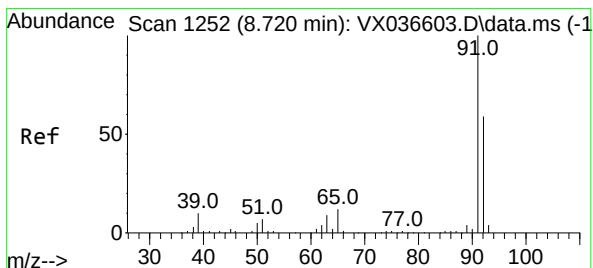
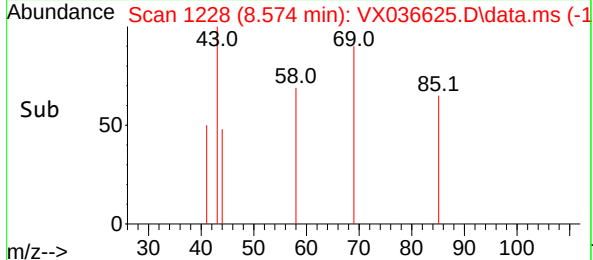
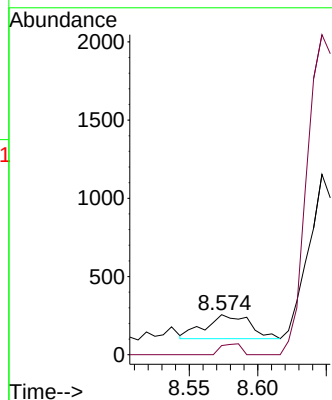
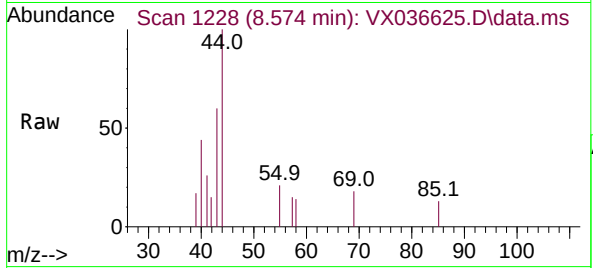




#51
4-Methyl-2-Pentanone
Concen: 0.099 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

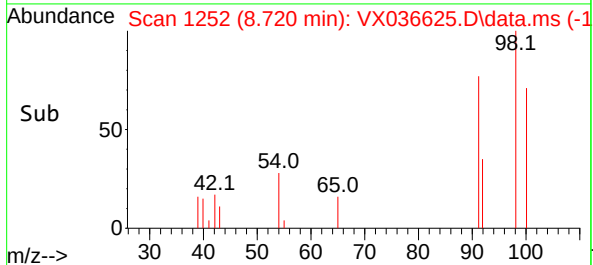
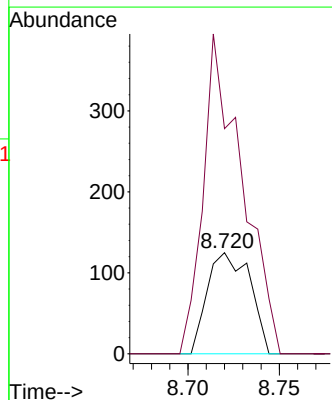
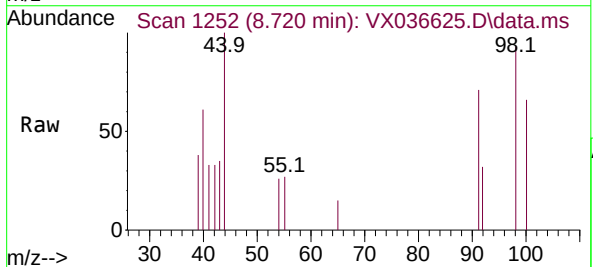
Instrument :
MSVOA_X
ClientSampleId :
IBLK

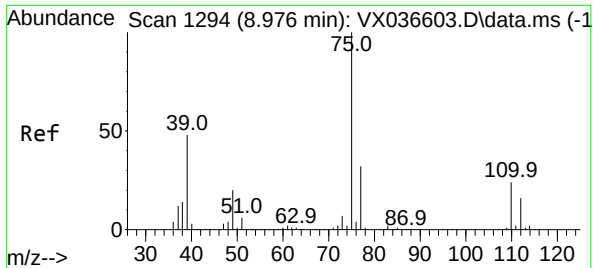
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 0.035 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 92 Resp: 203
Ion Ratio Lower Upper
92 100
91 286.7 134.2 201.2#





#53

t-1,3-Dichloropropene

Concen: 0.057 ug/l

RT: 8.988 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

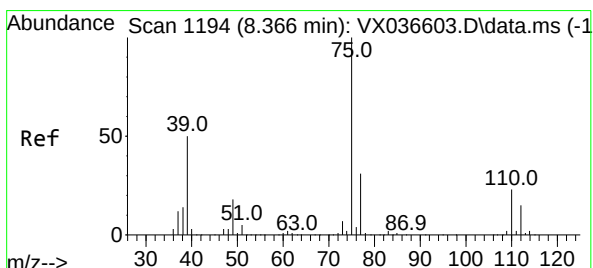
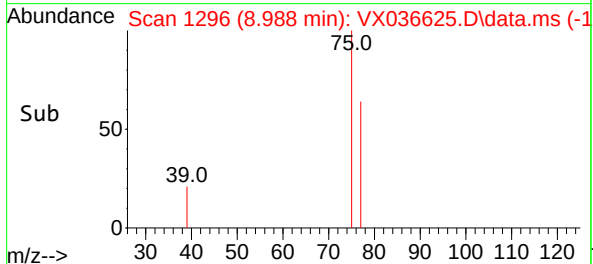
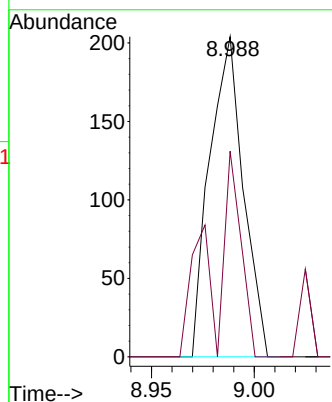
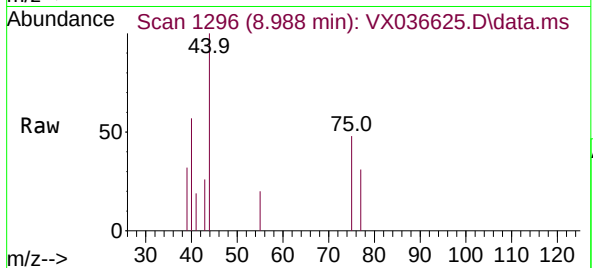
IBLK

Tgt Ion: 75 Resp: 232

Ion Ratio Lower Upper

75 100

77 64.2 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 0.034 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

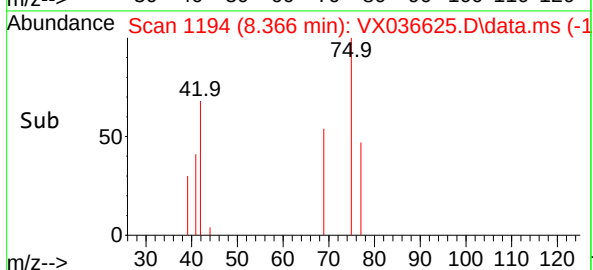
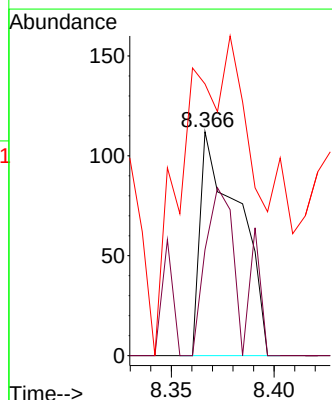
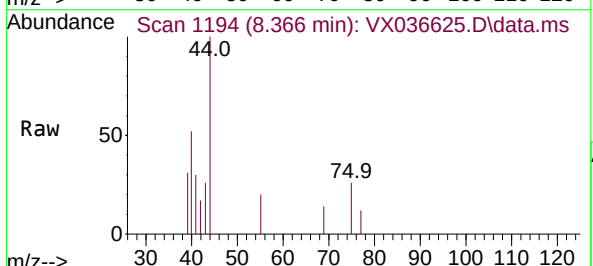
Tgt Ion: 75 Resp: 147

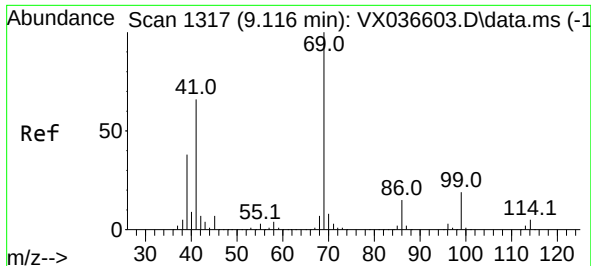
Ion Ratio Lower Upper

75 100

77 47.3 25.3 37.9#

39 58.0 46.7 70.1

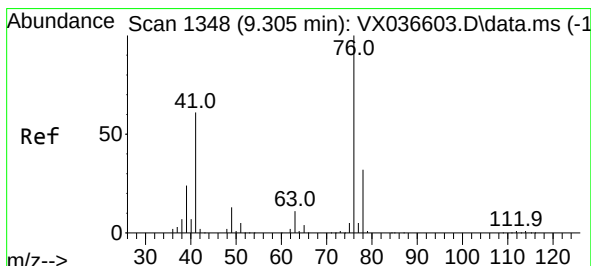
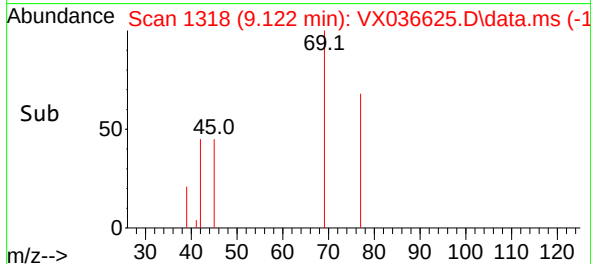
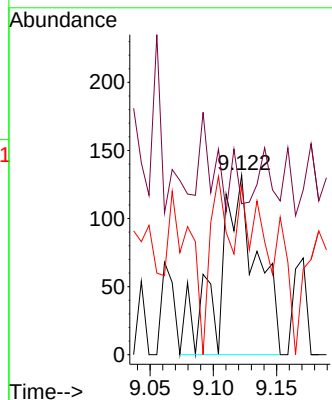
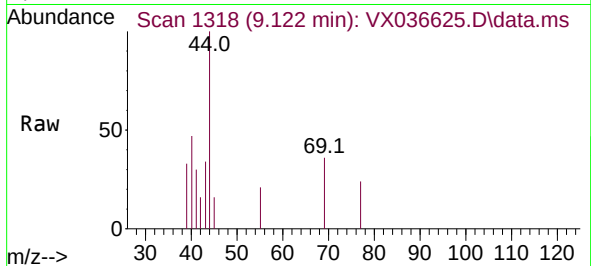




#56
Ethyl methacrylate
Concen: 0.070 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

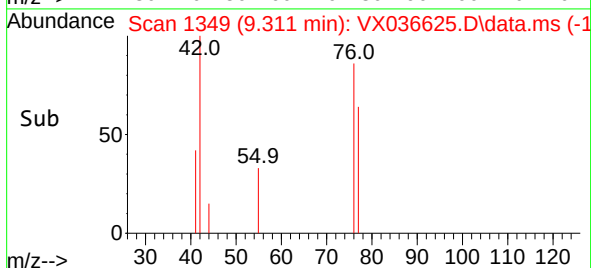
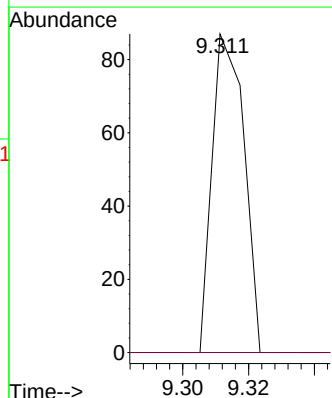
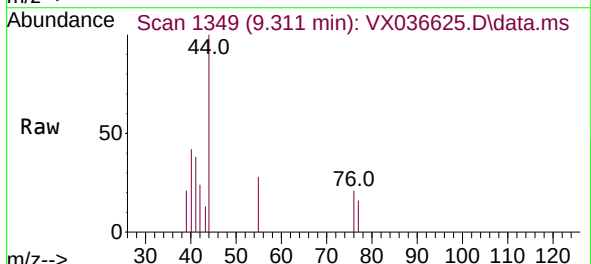
Instrument :
MSVOA_X
ClientSampleId :
IBLK

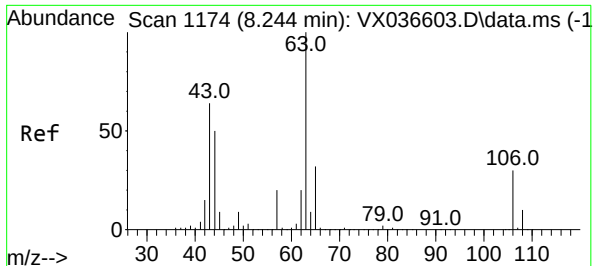
Tgt Ion: 69 Resp: 281
Ion Ratio Lower Upper
69 100
41 19.2 56.8 85.2#
39 81.5 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.014 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 76 Resp: 59
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

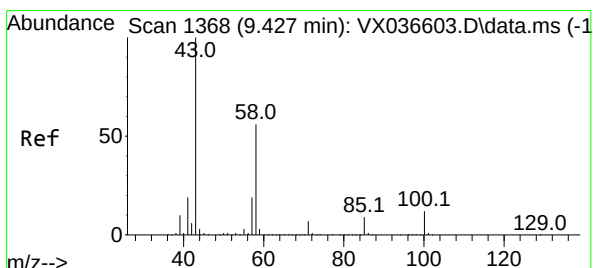
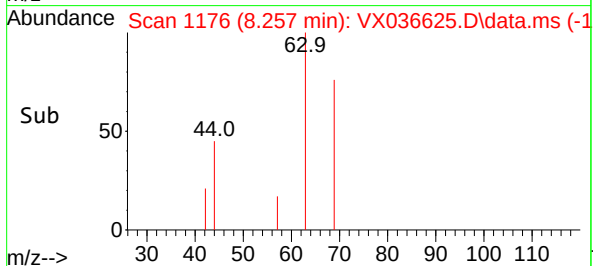
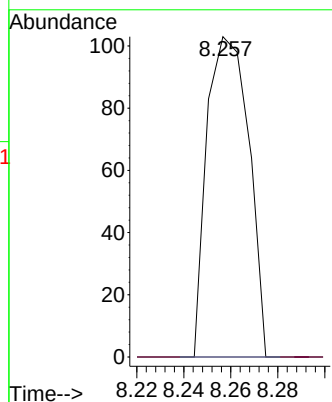
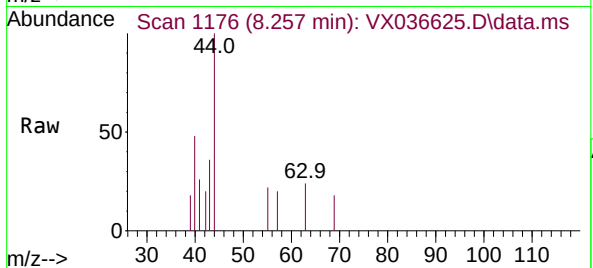




#58
2-Chloroethyl Vinyl ether
Concen: 0.064 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

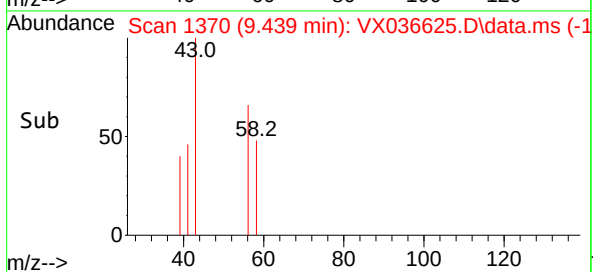
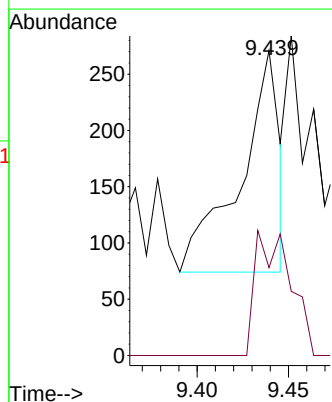
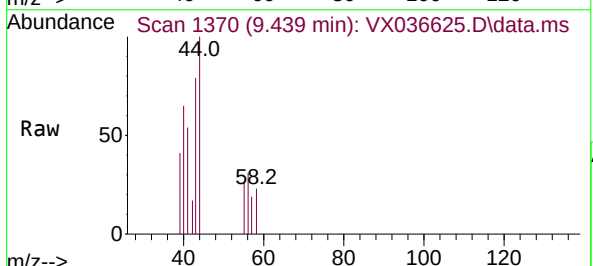
Instrument :
MSVOA_X
ClientSampleId :
IBLK

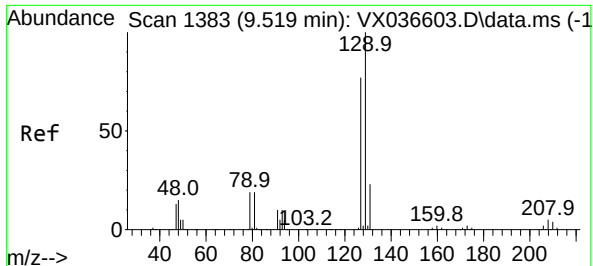
Tgt Ion: 63 Resp: 127
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 0.113 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 43 Resp: 292
Ion Ratio Lower Upper
43 100
58 50.7 26.2 78.5

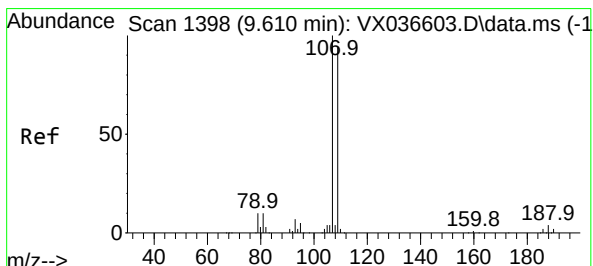
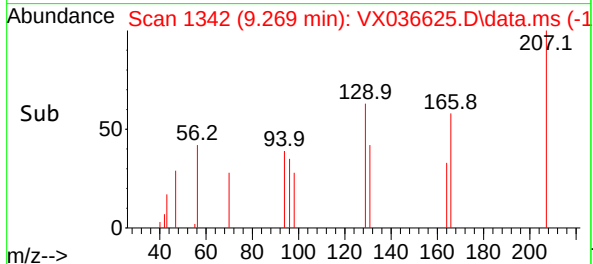
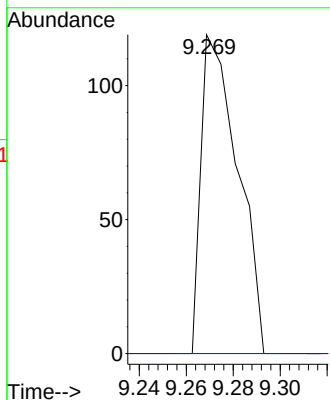
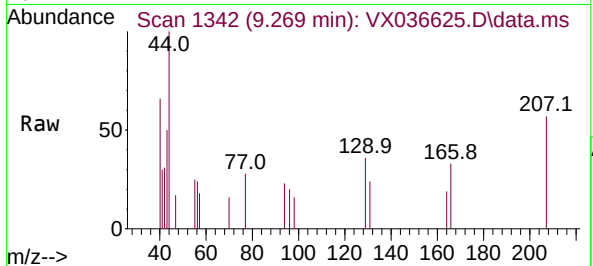




#60
 Dibromochloromethane
 Concen: 0.048 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

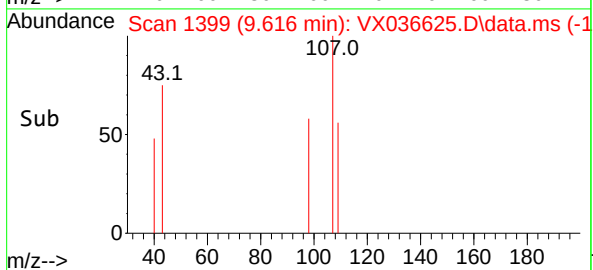
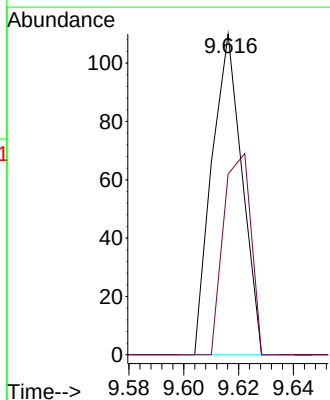
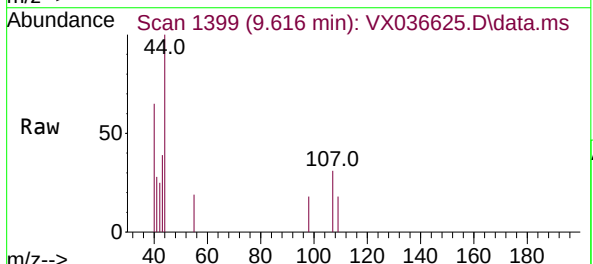
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

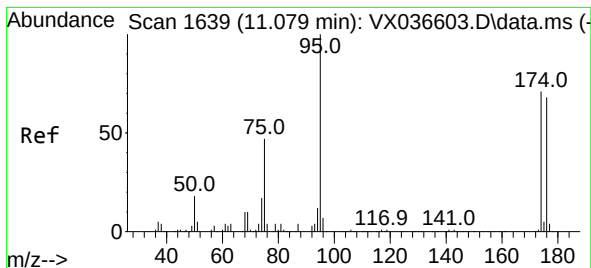
Tgt Ion:129 Resp: 129
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#61
 1,2-Dibromoethane
 Concen: 0.033 ug/l
 RT: 9.616 min Scan# 1399
 Delta R.T. 0.006 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Tgt Ion:107 Resp: 84
 Ion Ratio Lower Upper
 107 100
 109 57.1 75.2 112.8#

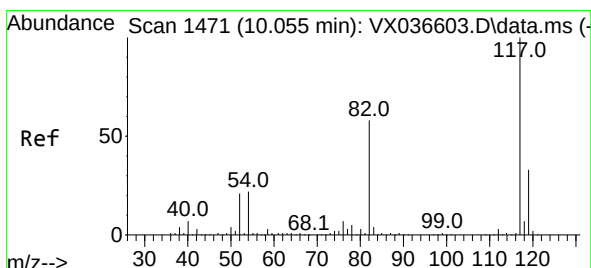
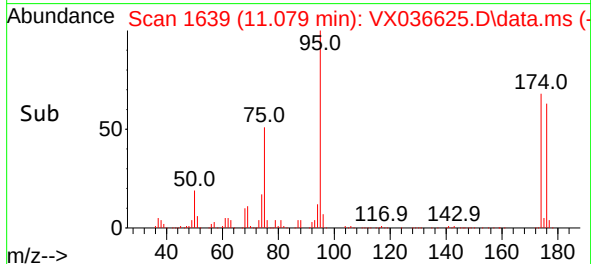
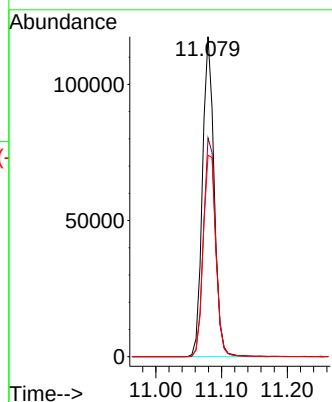
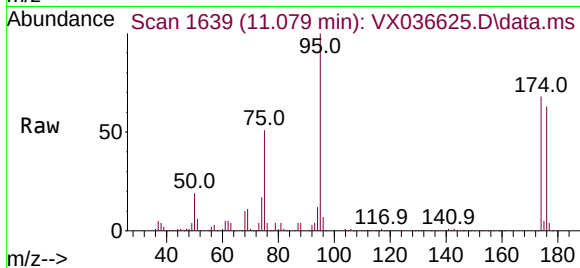




#62
4-Bromofluorobenzene
Concen: 50.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

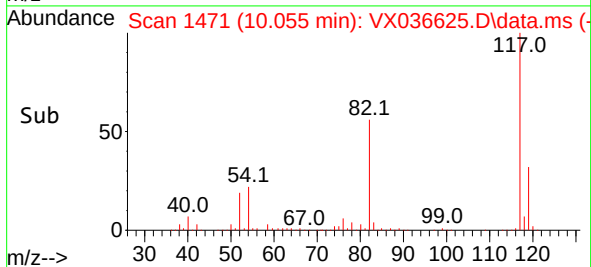
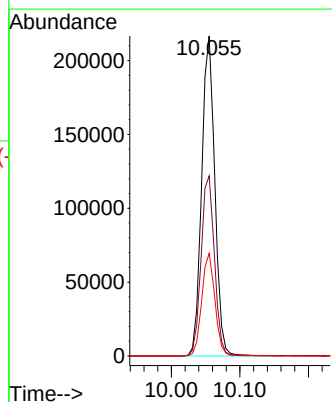
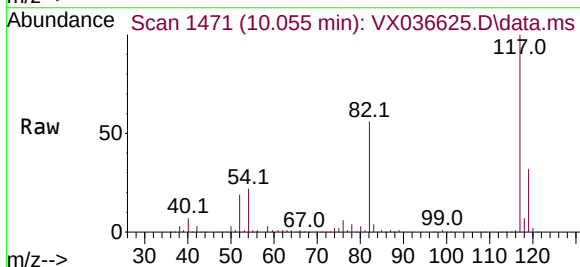
Instrument :
MSVOA_X
ClientSampleId :
IBLK

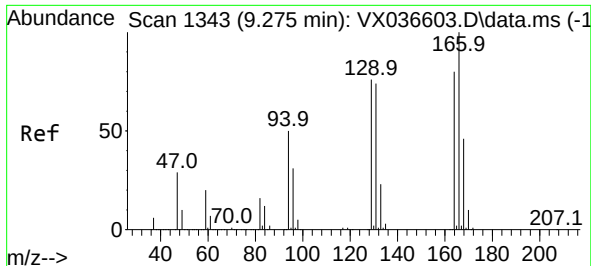
Tgt Ion: 95 Resp: 145098
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 68.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 117 Resp: 290093
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.1 25.5 38.3

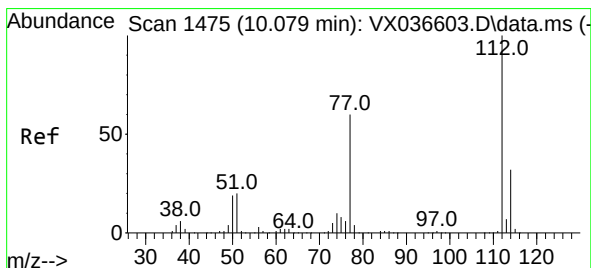
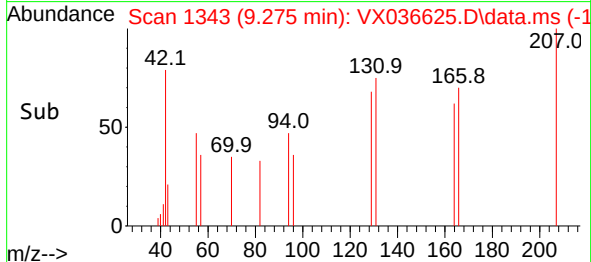
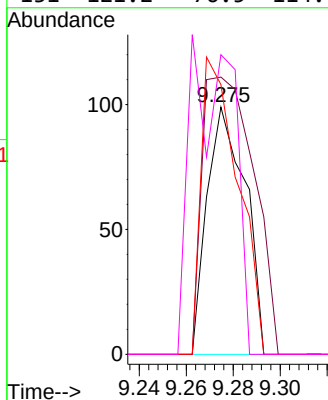
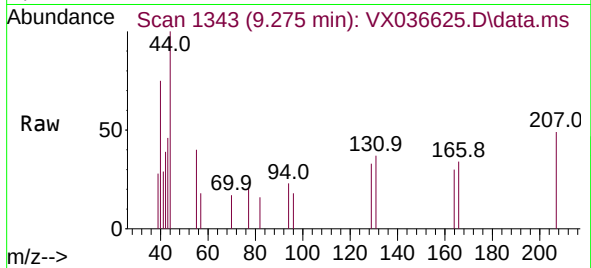




#64
Tetrachloroethene
Concen: 0.052 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

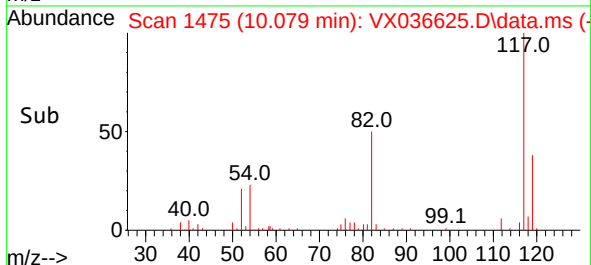
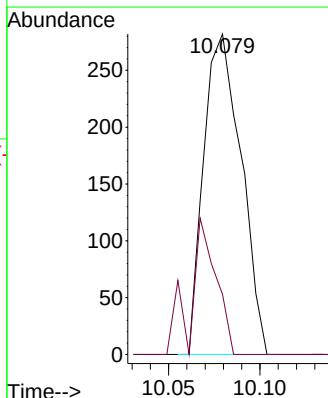
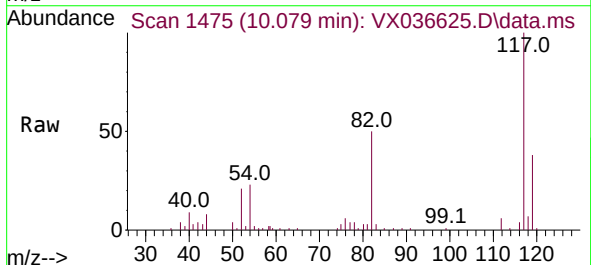
Instrument :
MSVOA_X
ClientSampleId :
IBLK

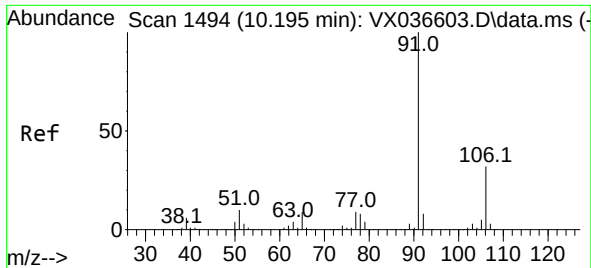
Tgt Ion:164 Resp: 112
Ion Ratio Lower Upper
164 100
166 112.1 102.7 154.1
129 109.1 80.4 120.6
131 121.2 76.5 114.7#



#65
Chlorobenzene
Concen: 0.063 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion:112 Resp: 402
Ion Ratio Lower Upper
112 100
114 18.8 25.7 38.5#

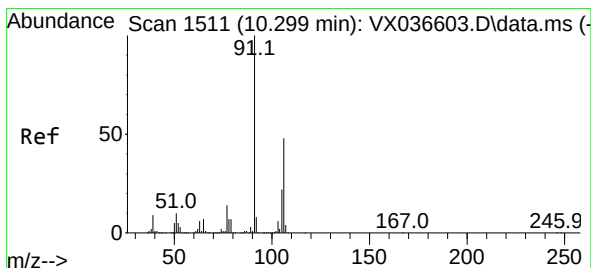
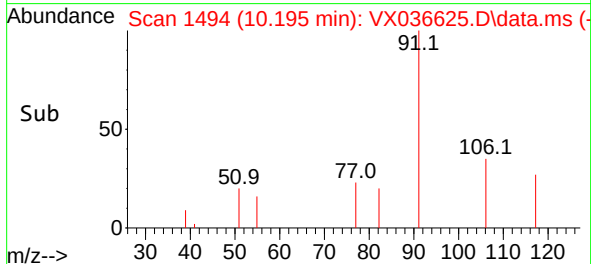
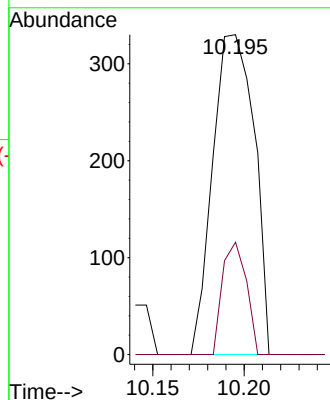
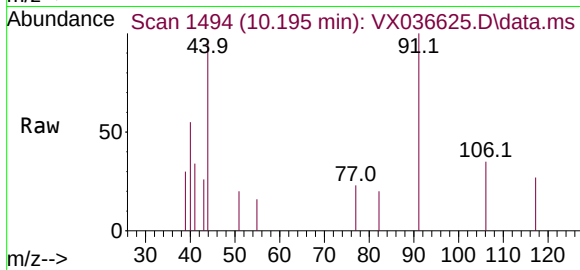




#67
Ethyl Benzene
Concen: 0.045 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

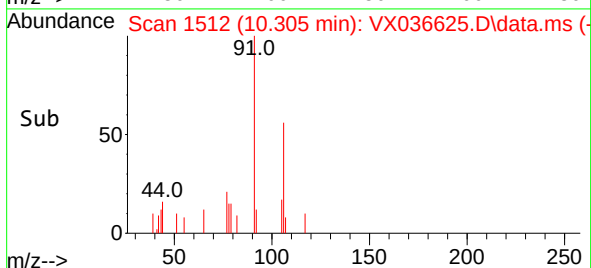
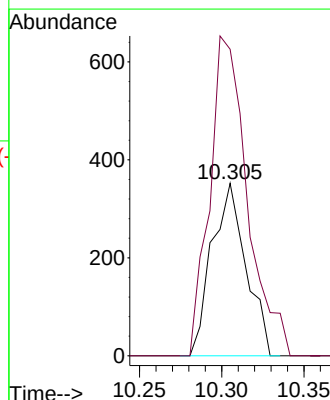
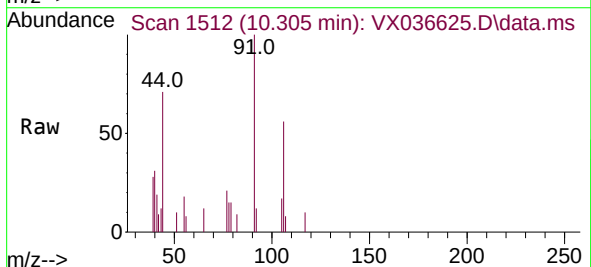
Instrument :
MSVOA_X
ClientSampleId :
IBLK

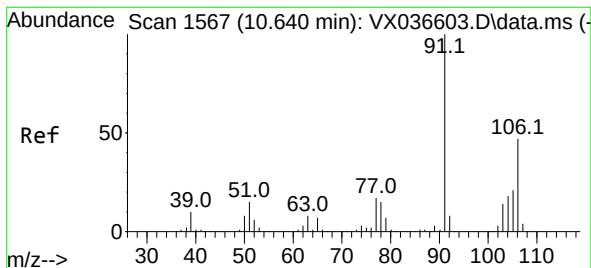
Tgt Ion: 91 Resp: 522
Ion Ratio Lower Upper
91 100
106 35.2 24.9 37.3



#68
m/p-Xylenes
Concen: 0.117 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 106 Resp: 509
Ion Ratio Lower Upper
106 100
91 204.1 165.5 248.3





#69

o-Xylene

Concen: 0.027 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

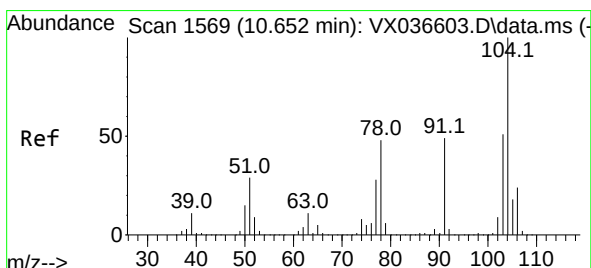
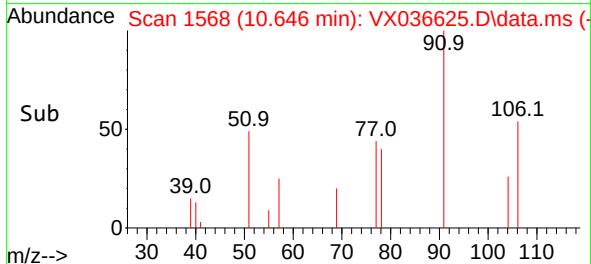
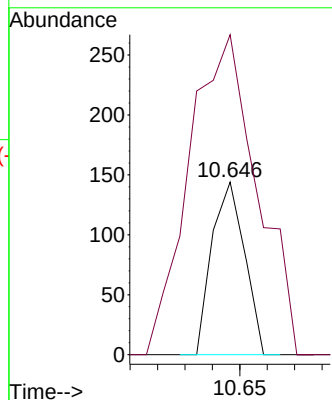
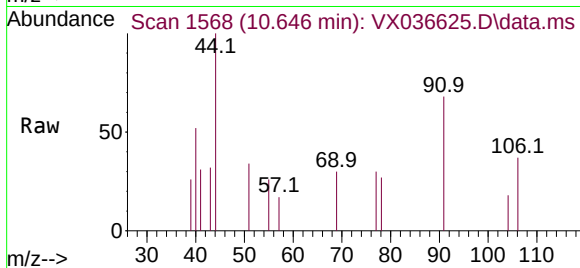
IBLK

Tgt Ion:106 Resp: 119

Ion Ratio Lower Upper

106 100

91 386.6 108.9 326.8#



#70

Styrene

Concen: 0.058 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

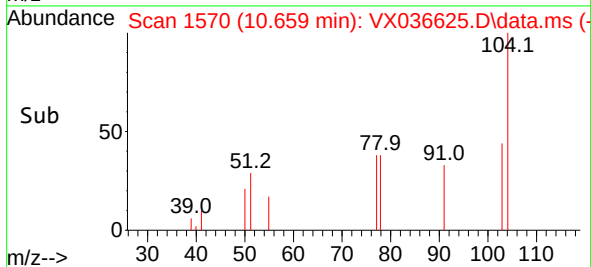
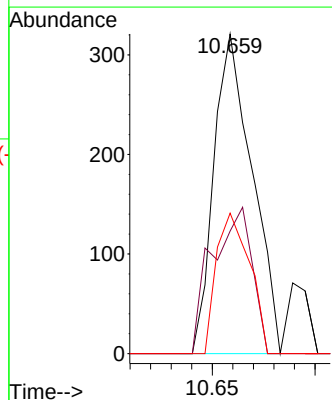
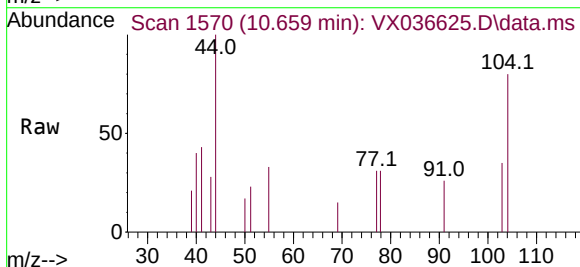
Tgt Ion:104 Resp: 416

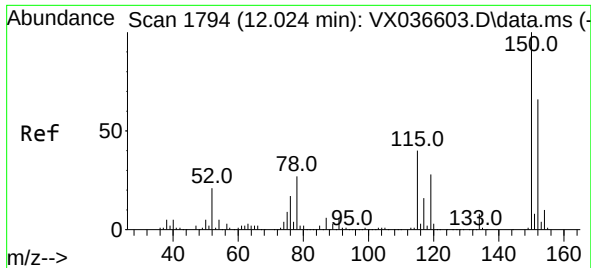
Ion Ratio Lower Upper

104 100

78 47.8 43.6 65.4

103 38.2 43.6 65.4#

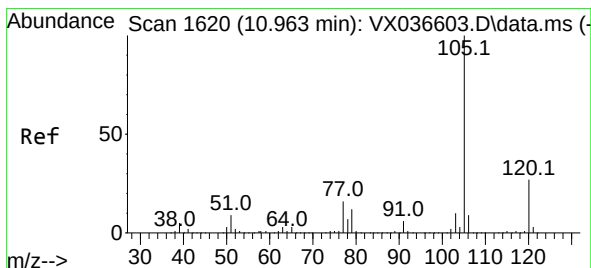
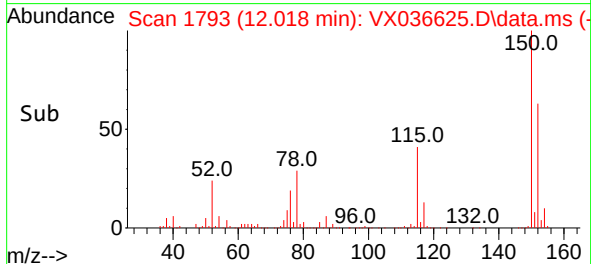
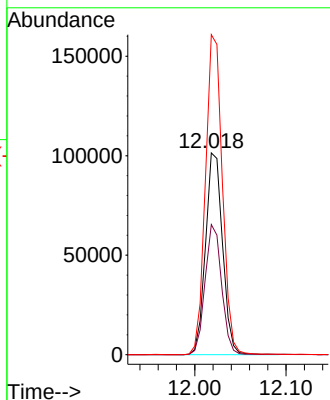
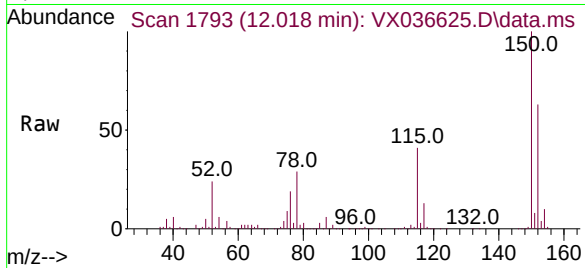




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

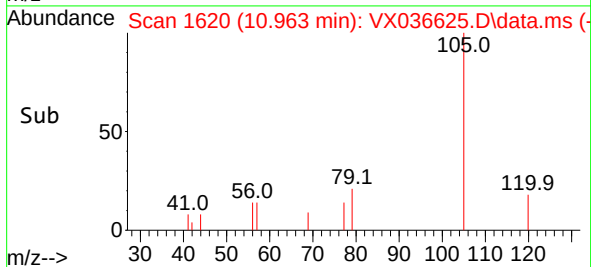
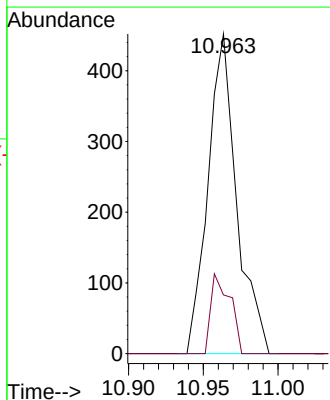
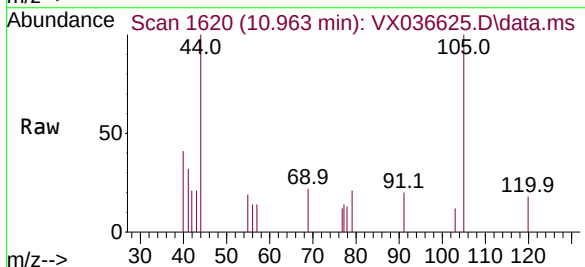
Instrument :
MSVOA_X
ClientSampleId :
IBLK

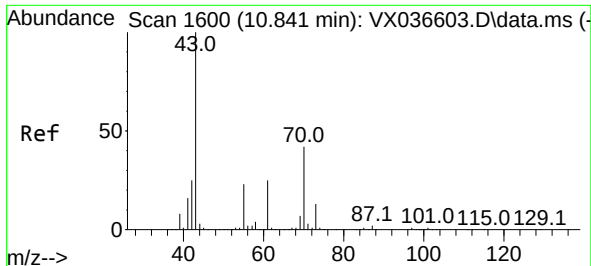
Tgt Ion:152 Resp: 131001
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 157.3 0.0 345.0



#73
Isopropylbenzene
Concen: 0.056 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion:105 Resp: 603
Ion Ratio Lower Upper
105 100
120 16.7 12.9 38.6

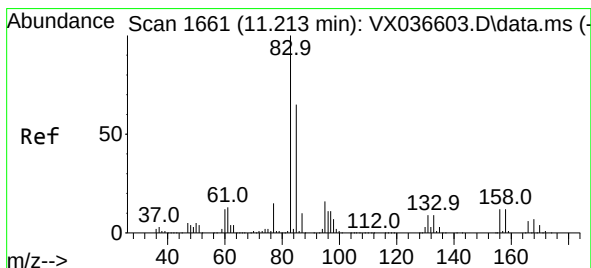
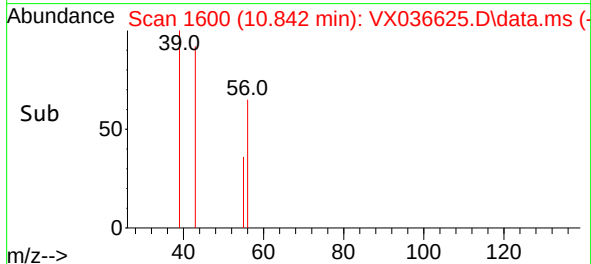
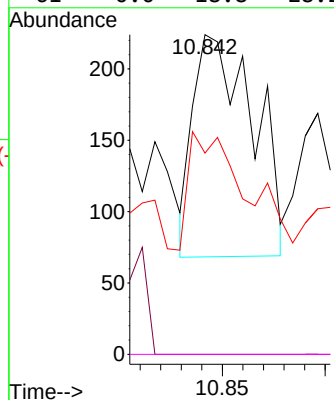
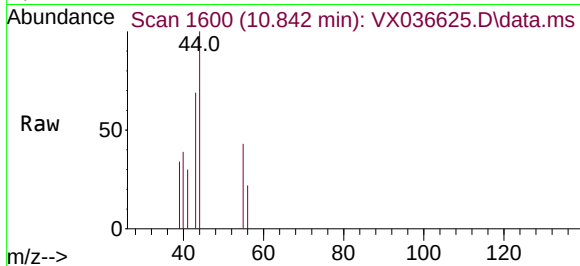




#74
N-amy1 acetate
Concen: 0.063 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

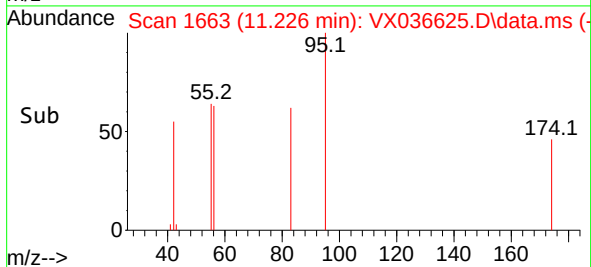
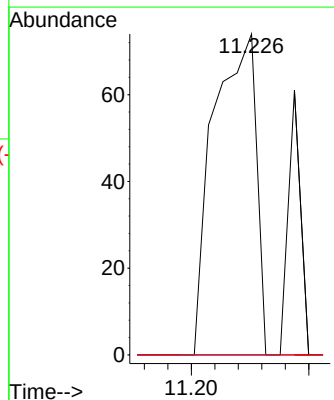
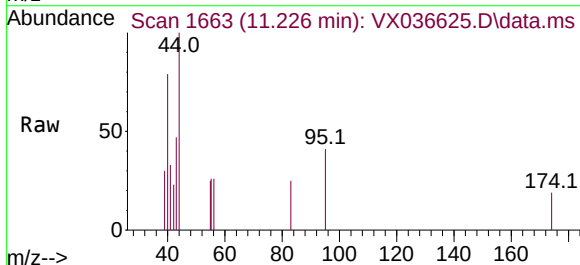
Instrument :
MSVOA_X
ClientSampleId :
IBLK

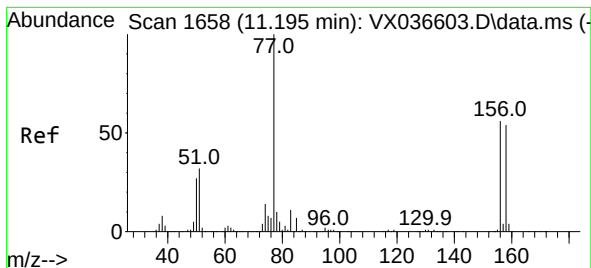
Tgt Ion: 43	Resp: 318
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 64.5	19.3 28.9#
61 0.0	18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.025 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 83	Resp: 93
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 15.8#
85 0.0	32.0 96.2#





#77

Bromobenzene

Concen: 0.049 ug/l

RT: 11.207 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

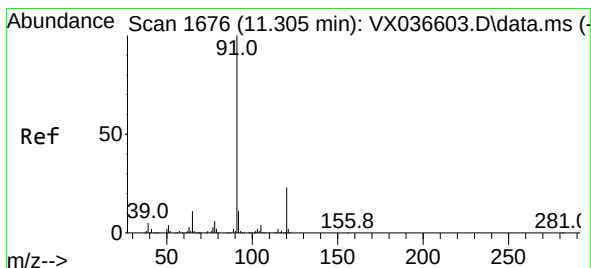
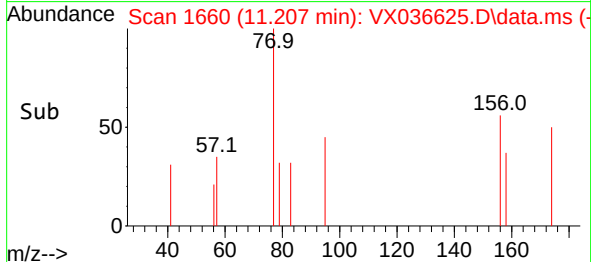
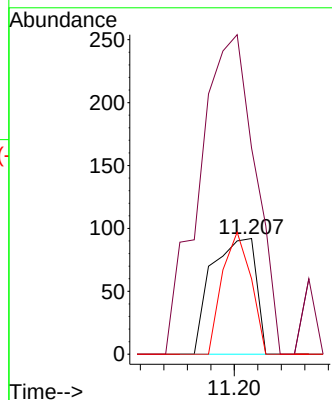
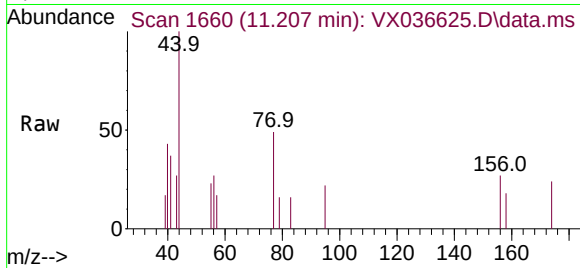
Tgt Ion:156 Resp: 121

Ion Ratio Lower Upper

156 100

77 347.1 88.4 265.3#

158 67.8 48.0 144.0



#78

n-propylbenzene

Concen: 0.087 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036625.D

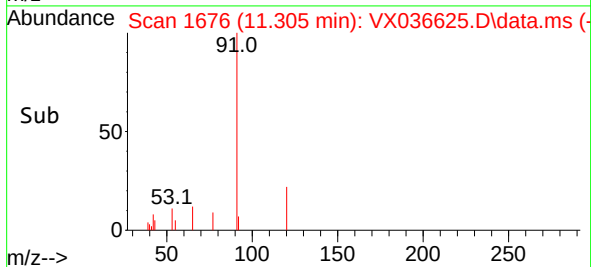
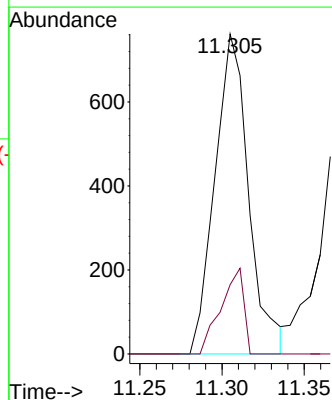
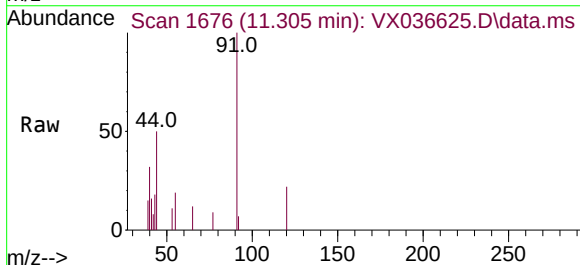
Acq: 24 Jul 2023 12:32

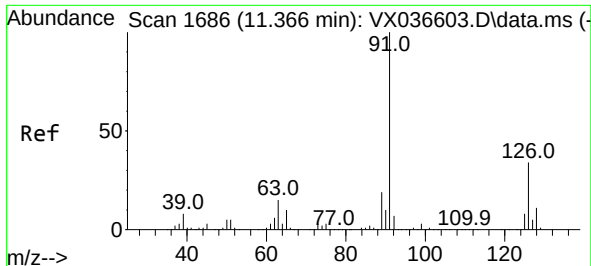
Tgt Ion: 91 Resp: 1086

Ion Ratio Lower Upper

91 100

120 18.0 11.5 34.4

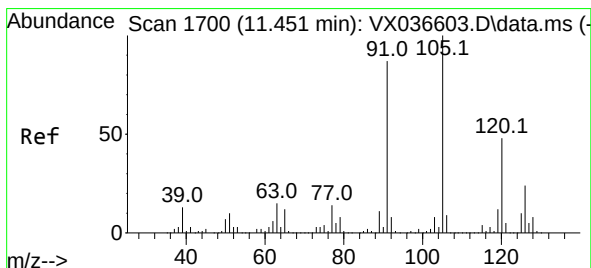
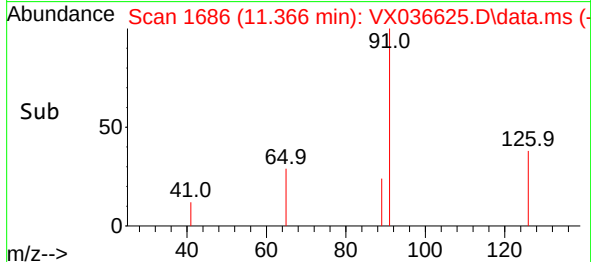
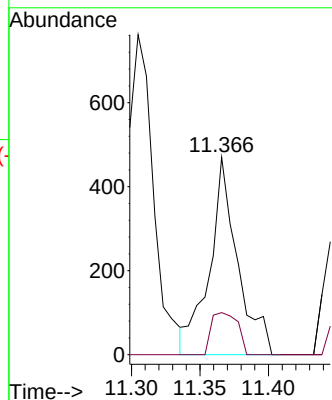
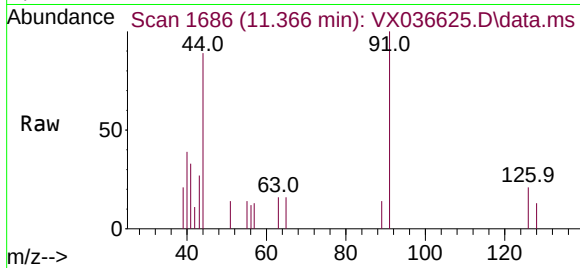




#79
2-Chlorotoluene
Concen: 0.088 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

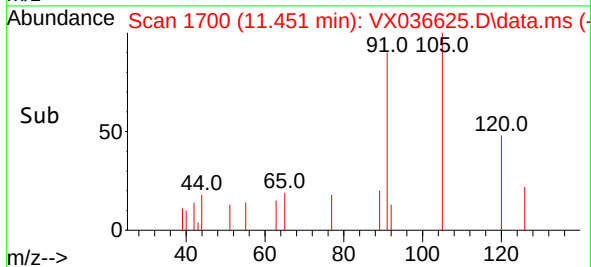
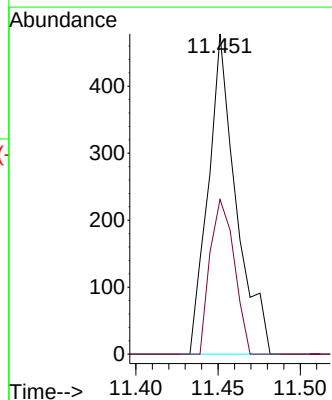
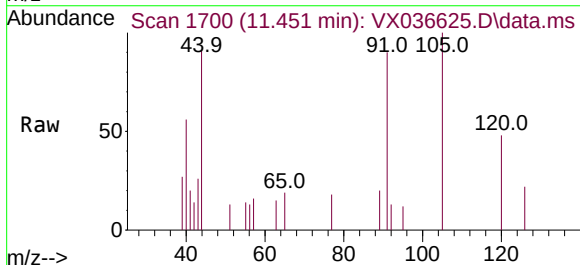
Instrument :
MSVOA_X
ClientSampleId :
IBLK

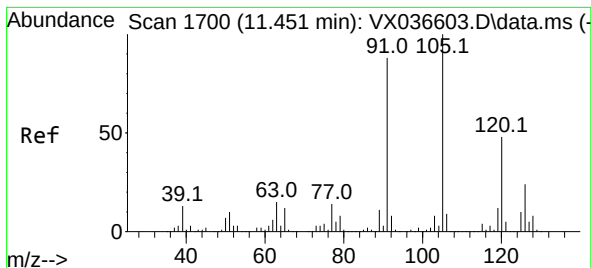
Tgt Ion: 91 Resp: 667
Ion Ratio Lower Upper
91 100
126 19.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.062 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 105 Resp: 564
Ion Ratio Lower Upper
105 100
120 41.8 24.1 72.3

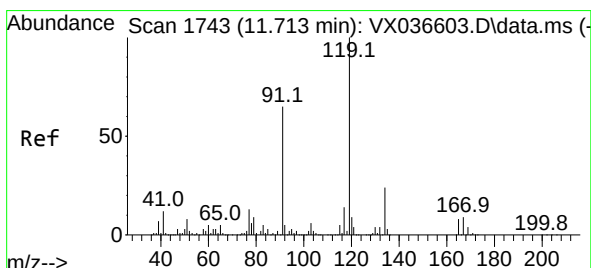
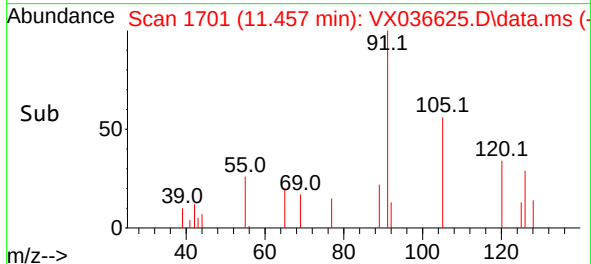
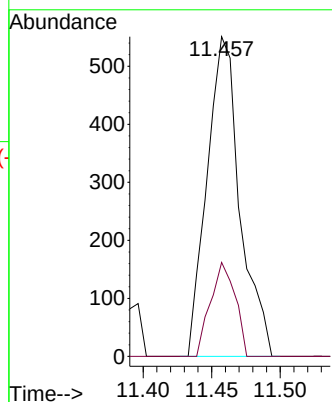
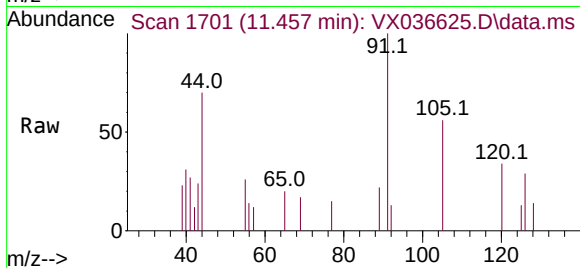




#82
4-Chlorotoluene
Concen: 0.106 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

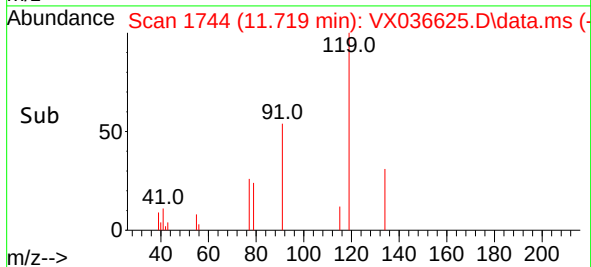
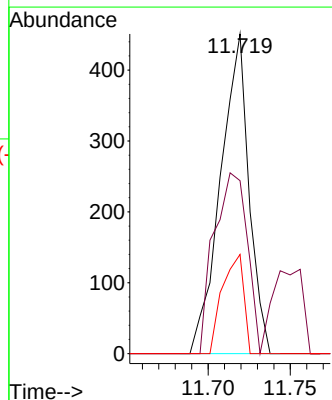
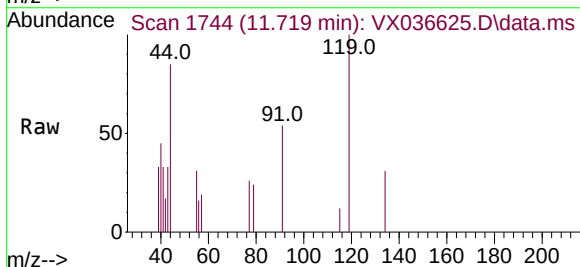
Instrument :
MSVOA_X
ClientSampleId :
IBLK

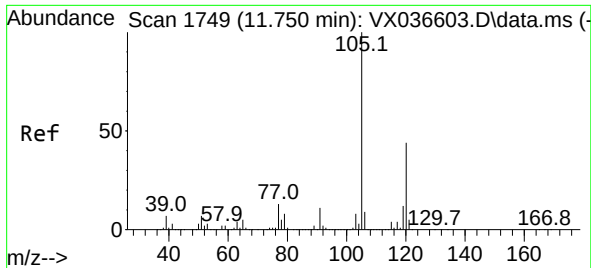
Tgt Ion: 91 Resp: 920
Ion Ratio Lower Upper
91 100
126 22.1 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.061 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 119 Resp: 543
Ion Ratio Lower Upper
119 100
91 65.9 31.2 93.6
134 23.2 11.7 35.0

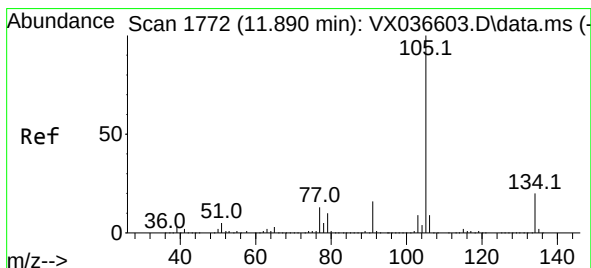
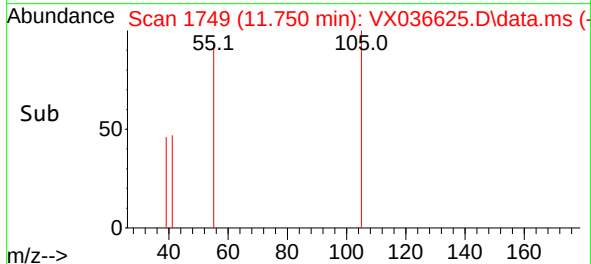
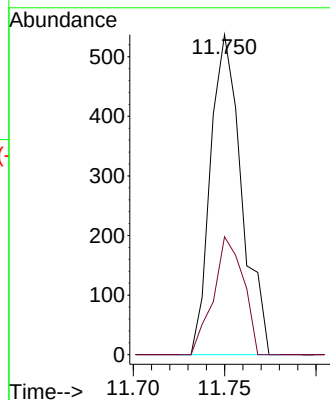
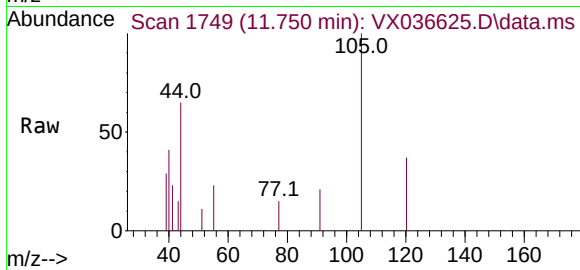




#84
1,2,4-Trimethylbenzene
Concen: 0.070 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

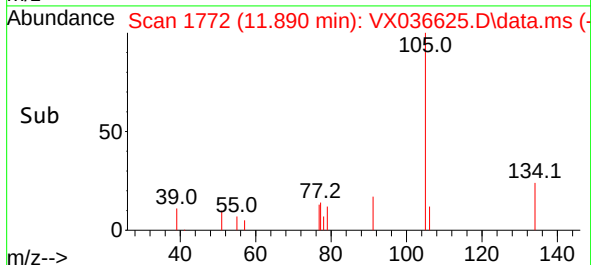
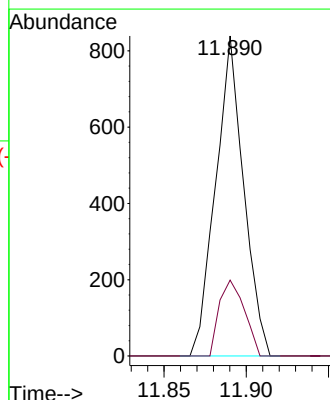
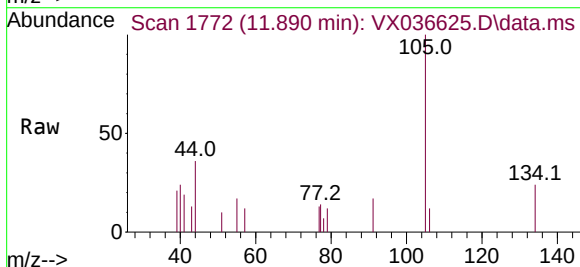
Instrument :
MSVOA_X
ClientSampleId :
IBLK

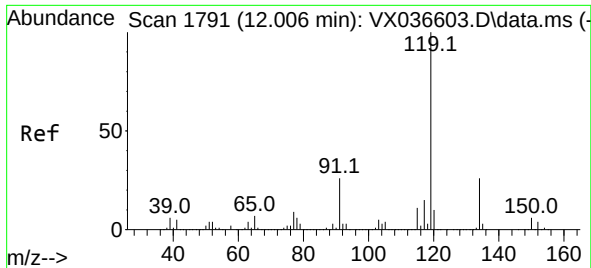
Tgt Ion:105 Resp: 636
Ion Ratio Lower Upper
105 100
120 35.4 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.089 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion:105 Resp: 994
Ion Ratio Lower Upper
105 100
134 21.2 9.8 29.4

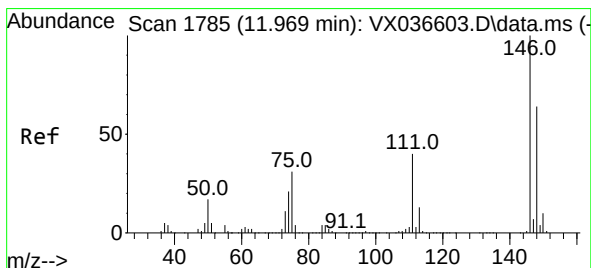
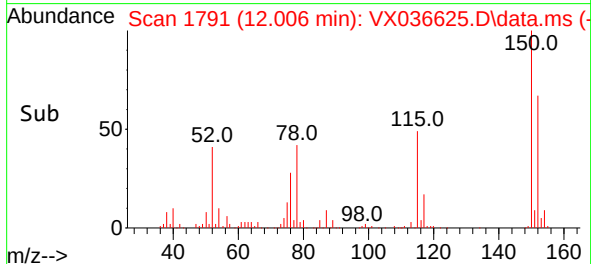
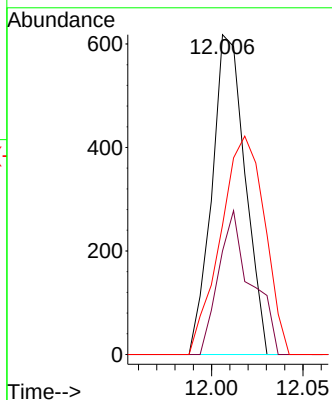
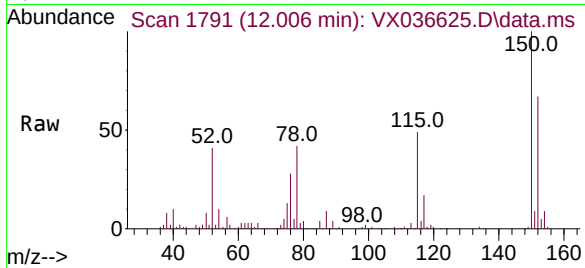




#86
p-Isopropyltoluene
Concen: 0.085 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

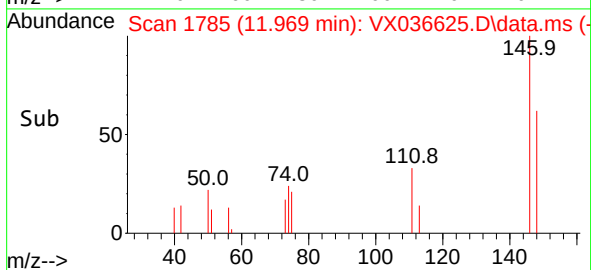
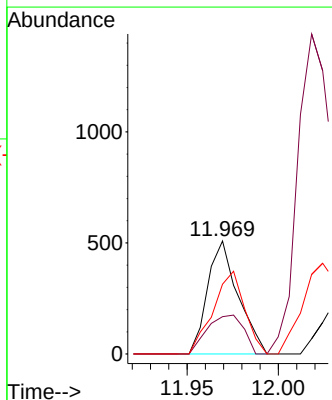
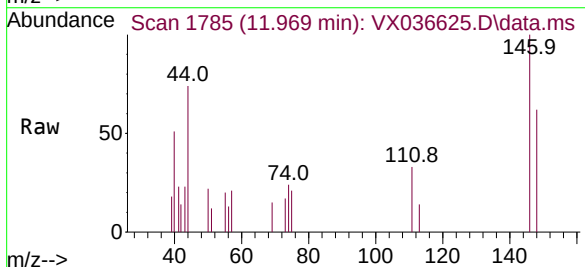
Instrument :
MSVOA_X
ClientSampleId :
IBLK

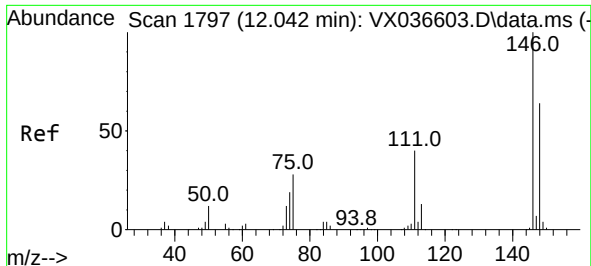
Tgt Ion:119 Resp: 781
Ion Ratio Lower Upper
119 100
134 44.3 12.8 38.3#
91 90.9 13.1 39.3#



#87
1,3-Dichlorobenzene
Concen: 0.129 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion:146 Resp: 592
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.1
148 75.5 31.8 95.3

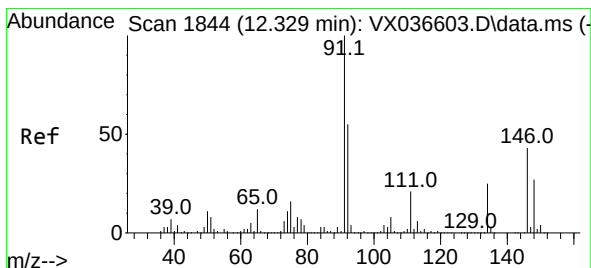
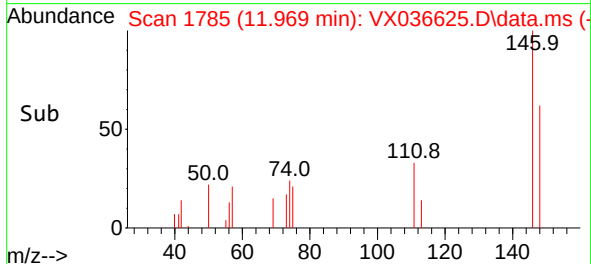
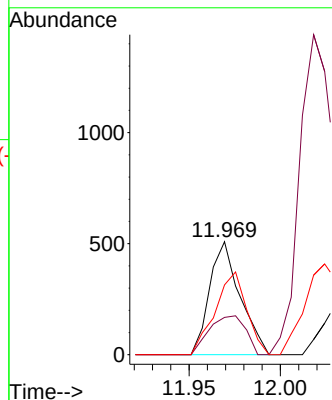
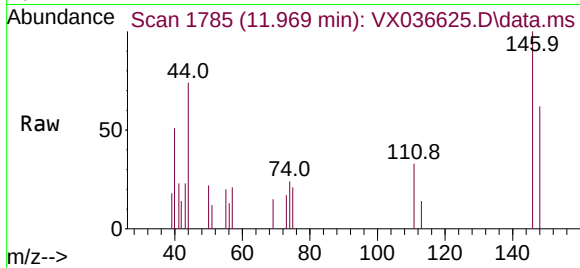




#88
1,4-Dichlorobenzene
Concen: 0.130 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

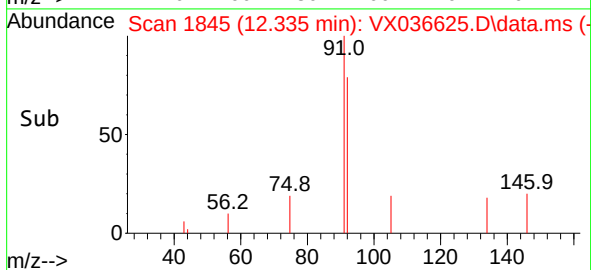
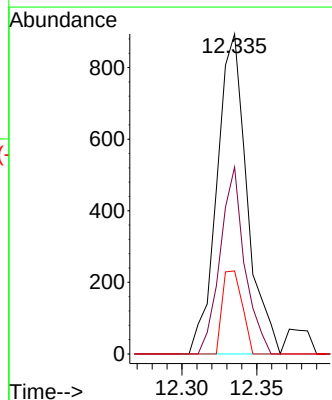
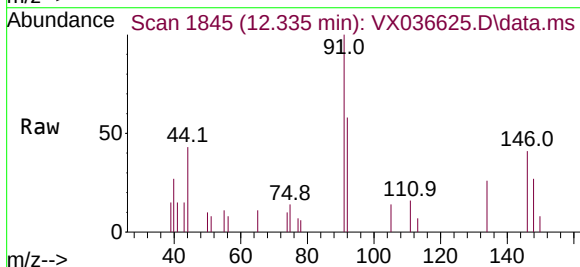
Instrument :
MSVOA_X
ClientSampleId :
IBLK

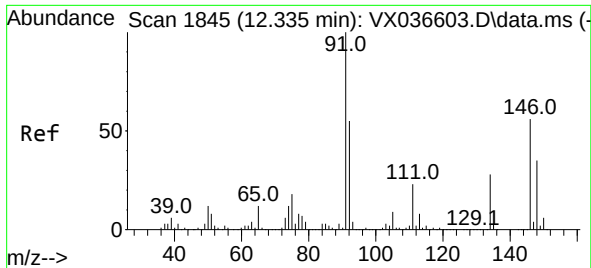
Tgt Ion:146 Resp: 592
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.7
148 75.5 31.8 95.4



#89
n-Butylbenzene
Concen: 0.153 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 91 Resp: 1250
Ion Ratio Lower Upper
91 100
92 47.4 27.4 82.0
134 17.0 12.6 37.8





#91

1,2-Dichlorobenzene

Concen: 0.107 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036625.D

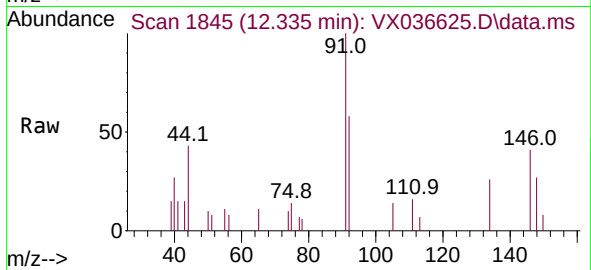
Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:146 Resp: 470

Ion Ratio Lower Upper

146 100

111 34.3 22.4 67.0

148 56.8 31.6 95.0

