

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033368.D
 Acq On : 12 Dec 2022 12:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 13 07:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	13539	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	96510	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100940	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35464	29.825	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.400%
60) 4-Bromofluorobenzene	11.079	95	52323	27.988	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.300%
63) Toluene-d8	8.647	98	100731	29.999	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	272	0.275	ug/l	93
3) Chloromethane	1.295	50	206	0.206	ug/l #	87
4) Vinyl Chloride	1.380	62	245	0.205	ug/l #	73
5) Bromomethane	1.624	94	562	0.642	ug/l	99
6) Chloroethane	1.685	64	205	0.232	ug/l #	44
7) Trichlorofluoromethane	1.892	101	505	0.207	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	399	0.322	ug/l	92
10) 1,1-Dichloroethene	2.325	96	424	0.363	ug/l	87
11) Methyl Iodide	2.459	142	394	0.297	ug/l #	85
13) Acrolein	2.239	56	280	1.076	ug/l	96
14) Acrylonitrile	3.069	53	428	0.716	ug/l #	30
15) Acetone	2.398	58	67	0.326	ug/l #	1
16) Carbon Disulfide	2.514	76	4828	1.536	ug/l	96
18) Methylene Chloride	2.794	84	597	0.441	ug/l #	83
19) trans-1,2-Dichloroethene	3.093	96	775	0.570	ug/l	85
23) tert-Butyl Alcohol	2.953	59	1307	5.121	ug/l #	1
26) Cyclohexane	5.471	56	456	0.219	ug/l #	53
37) Trichloroethene	7.129	130	503	0.317	ug/l	97
38) Methylcyclohexane	7.379	83	755	0.328	ug/l	82
40) Dibromomethane	7.592	93	294	0.276	ug/l	64
42) Vinyl Acetate	3.739	43	1059	0.335	ug/l #	73
53) Dibromochloromethane	9.281	129	507	0.286	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.257	63	497	0.502	ug/l #	86
59) 2-Hexanone	9.458	43	330	0.264	ug/l #	65
61) Tetrachloroethene	9.275	164	536	0.397	ug/l #	44
64) Chlorobenzene	10.079	112	901	0.232	ug/l #	88
67) m/p-Xylenes	10.305	106	1121	0.415	ug/l	93
73) Bromobenzene	11.201	156	486	0.282	ug/l	80
74) n-propylbenzene	11.305	91	2173	0.272	ug/l	99
75) 2-Chlorotoluene	11.366	91	1082	0.225	ug/l	100
77) t-1,4-Dichloro-2-butene	11.079	75	26624	43.574	ug/l #	9
78) 4-Chlorotoluene	11.457	91	1838	0.334	ug/l	99
79) tert-butylbenzene	11.719	119	1199	0.206	ug/l	91
80) 1,2,4-Trimethylbenzene	11.756	105	1379	0.239	ug/l	89
81) sec-Butylbenzene	11.890	105	2278	0.326	ug/l	96
82) p-Isopropyltoluene	12.012	119	1929	0.324	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	1349	0.425	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	1537	0.481	ug/l	97
85) n-Butylbenzene	12.335	91	2832	0.569	ug/l	96

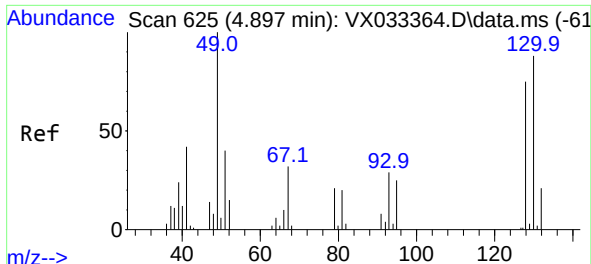
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
Data File : VX033368.D
Acq On : 12 Dec 2022 12:30
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Quant Time: Dec 13 07:29:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Dec 12 12:37:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Hexachloroethane	12.536	117	240	0.227	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	952	0.304	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	1681	0.869	ug/l	99
90) Hexachlorobutadiene	13.725	225	2503	3.050	ug/l	96
91) Naphthalene	13.780	128	4519	0.722	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	1939	1.001	ug/l	92

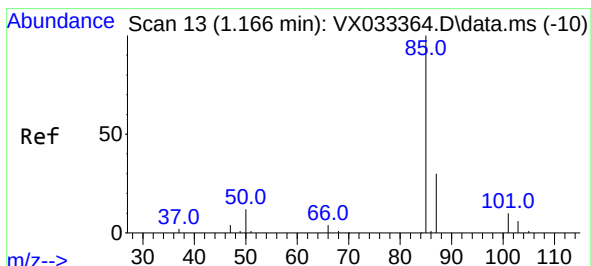
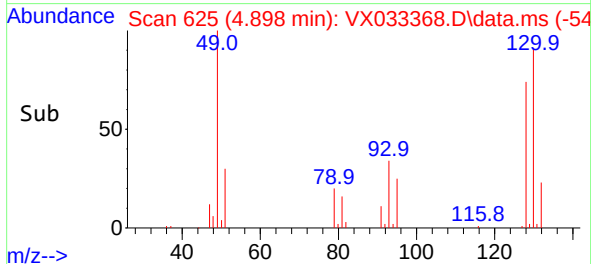
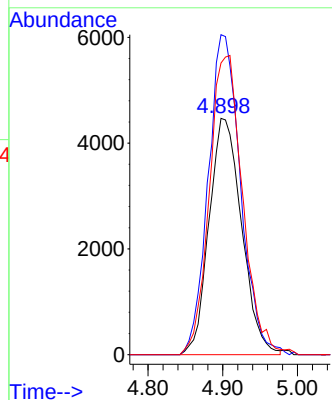
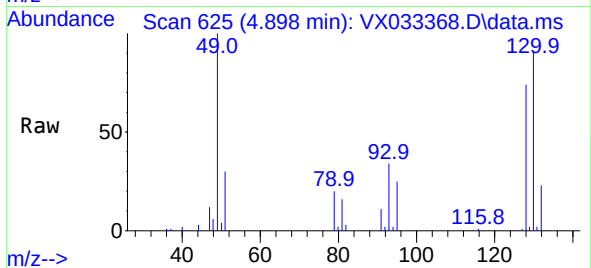
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

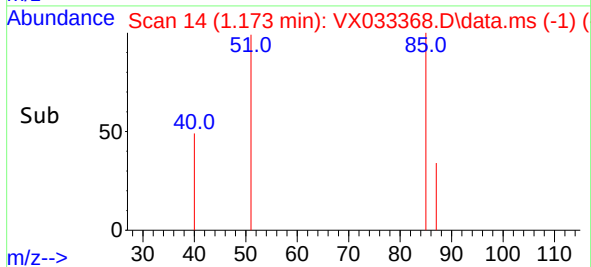
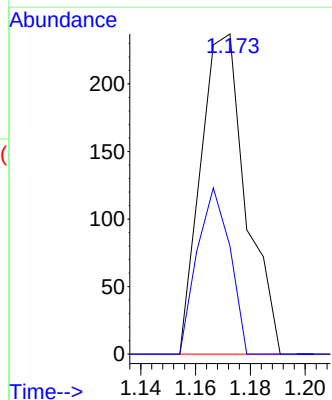
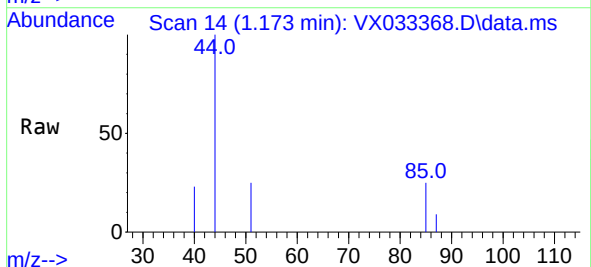
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 13539
Ion Ratio Lower Upper
128 100
49 134.4 0.0 339.5
130 129.2 0.0 318.0

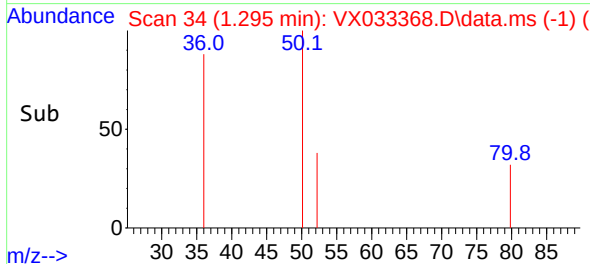
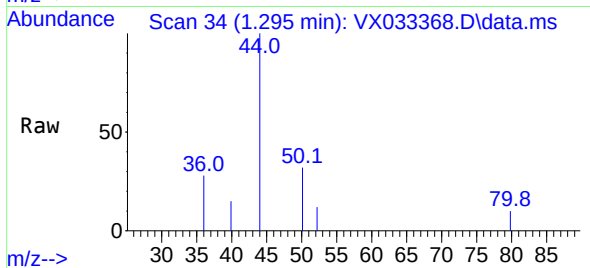
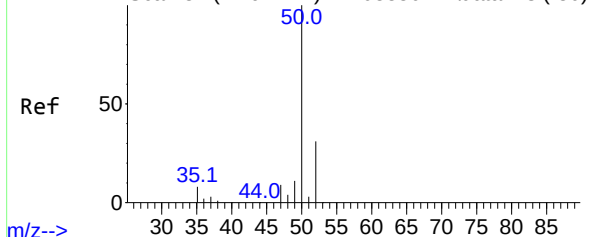


#2
Dichlorodifluoromethane
Concen: 0.275 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 85 Resp: 272
Ion Ratio Lower Upper
85 100
87 33.8 14.9 44.7



Abundance Scan 34 (1.294 min): VX033364.D\data.ms (-30)



#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

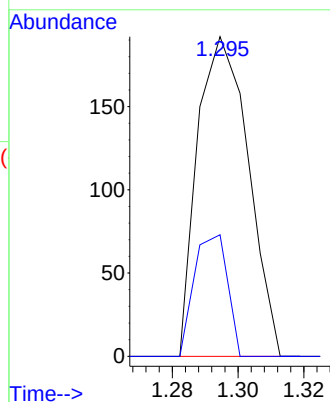
IBLK

Tgt Ion: 50 Resp: 206

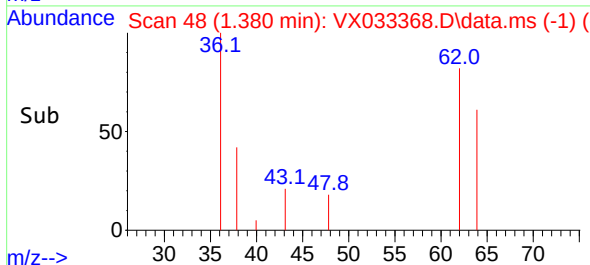
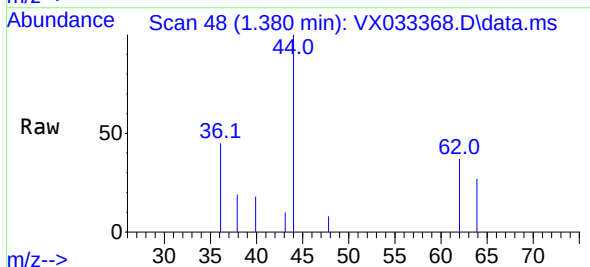
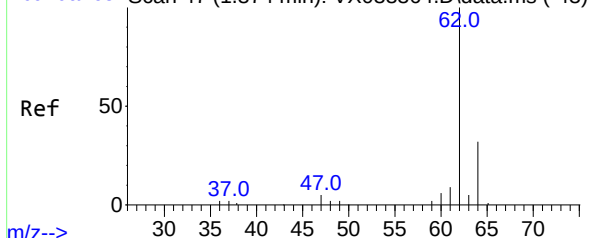
Ion Ratio Lower Upper

50 100

52 38.0 24.6 36.8#



Abundance Scan 47 (1.374 min): VX033364.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 0.205 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.006 min

Lab File: VX033368.D

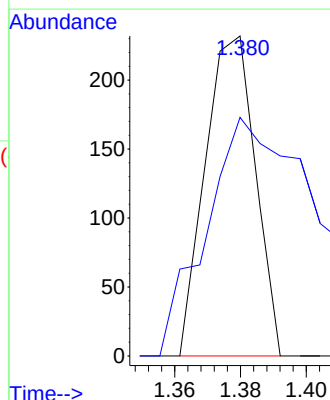
Acq: 12 Dec 2022 12:30

Tgt Ion: 62 Resp: 245

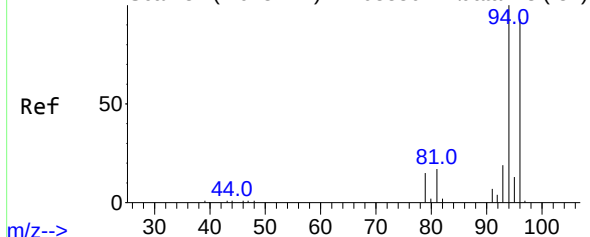
Ion Ratio Lower Upper

62 100

64 47.4 25.9 38.9#



Abundance Scan 87 (1.618 min): VX033364.D\data.ms (-82)



#5

Bromomethane

Concen: 0.642 ug/l

RT: 1.624 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

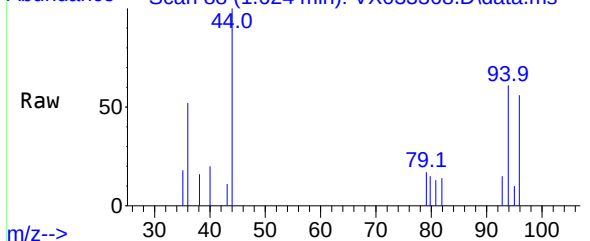
Tgt Ion: 94 Resp: 562

Ion Ratio Lower Upper

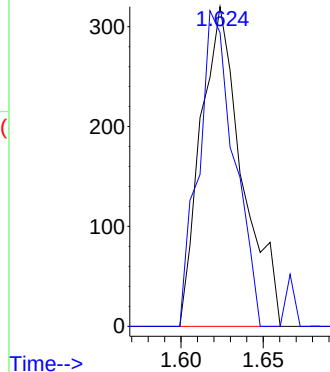
94 100

96 91.9 74.2 111.2

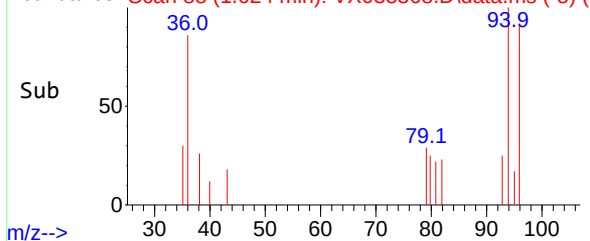
Abundance Scan 88 (1.624 min): VX033368.D\data.ms



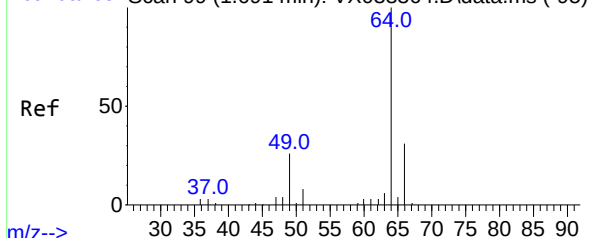
Abundance



Abundance Scan 88 (1.624 min): VX033368.D\data.ms (-5)



Abundance Scan 99 (1.691 min): VX033364.D\data.ms (-95)



#6

Chloroethane

Concen: 0.232 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

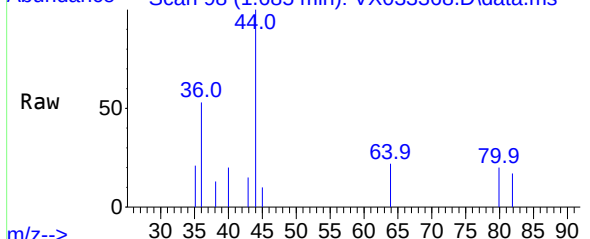
Tgt Ion: 64 Resp: 205

Ion Ratio Lower Upper

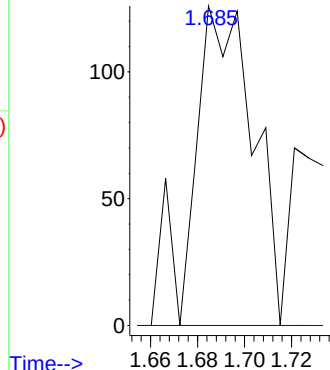
64 100

66 0.0 24.8 37.2#

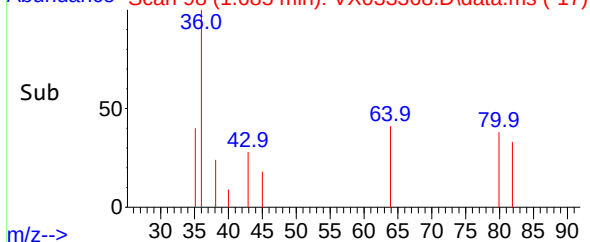
Abundance Scan 98 (1.685 min): VX033368.D\data.ms

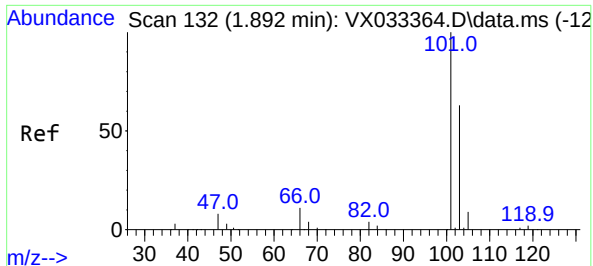


Abundance



Abundance Scan 98 (1.685 min): VX033368.D\data.ms (-17)

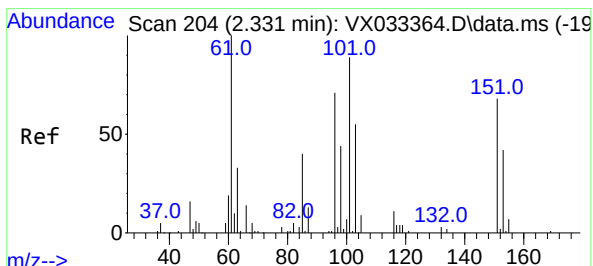
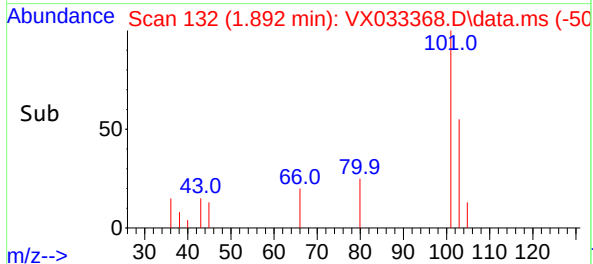
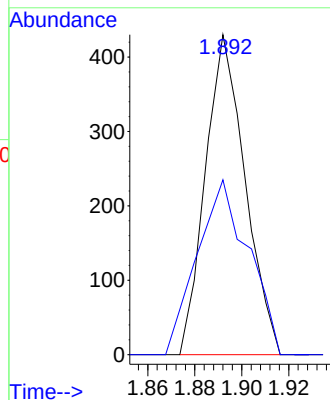
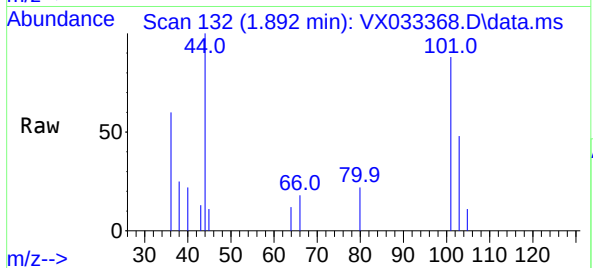




#7
 Trichlorofluoromethane
 Concen: 0.207 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033368.D
 Acq: 12 Dec 2022 12:30

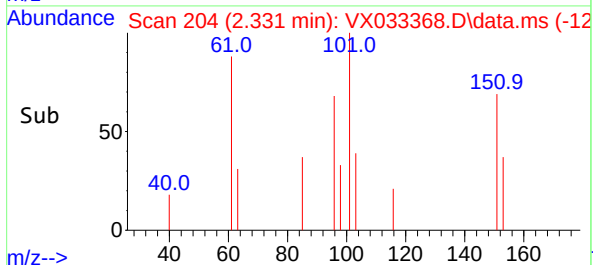
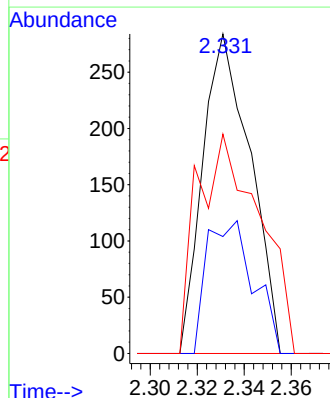
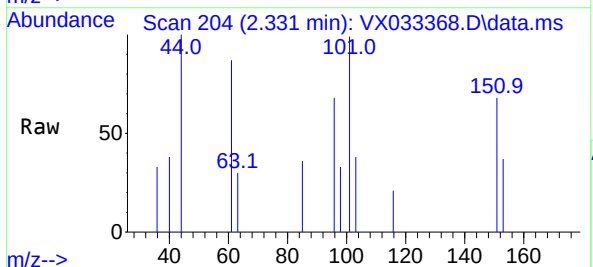
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

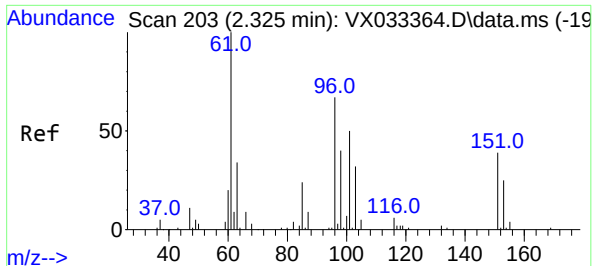
Tgt Ion:101 Resp: 505
 Ion Ratio Lower Upper
 101 100
 103 54.7 50.3 75.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.322 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033368.D
 Acq: 12 Dec 2022 12:30

Tgt Ion:101 Resp: 399
 Ion Ratio Lower Upper
 101 100
 85 40.9 0.0 88.8
 151 89.7 0.0 162.2

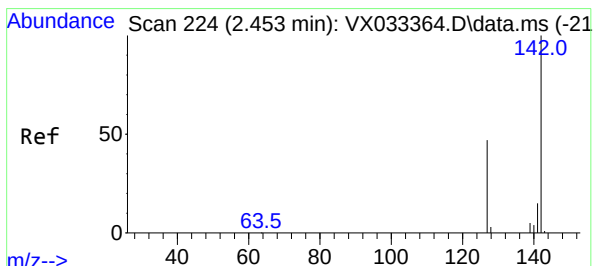
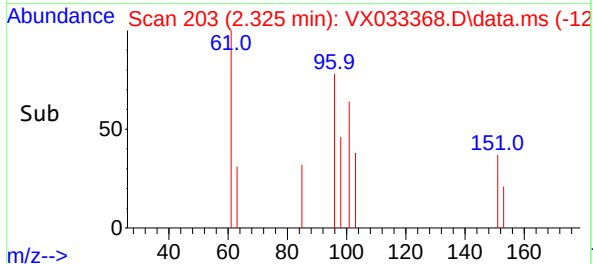
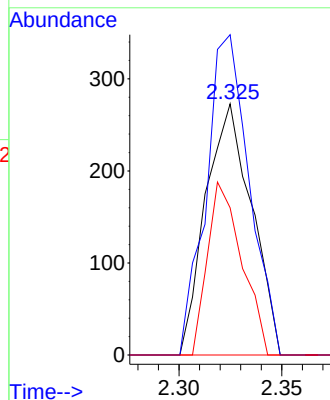
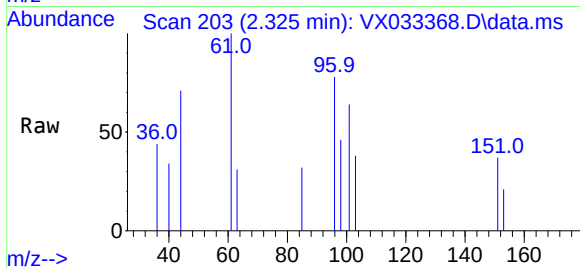




#10
1,1-Dichloroethene
Concen: 0.363 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

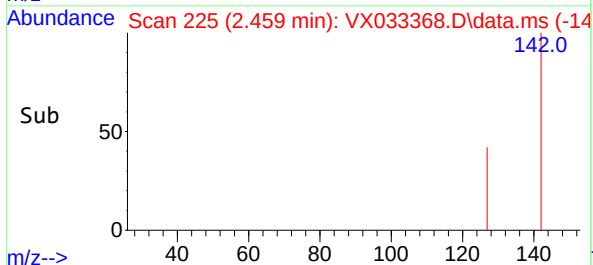
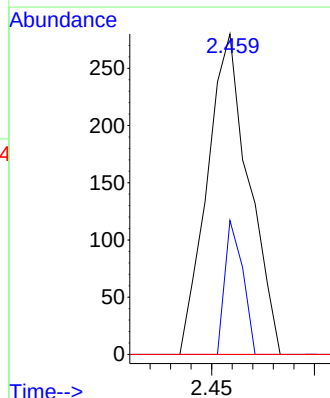
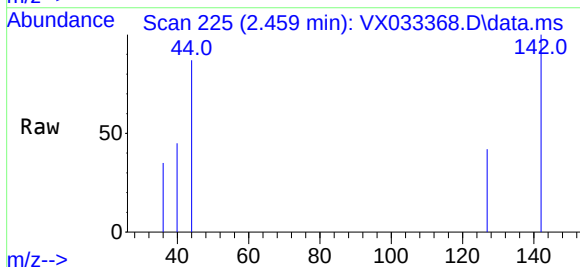
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	96	Resp:	424
Ion	Ratio	Lower	Upper
96	100		
61	127.5	120.5	180.7
98	58.6	47.8	71.6

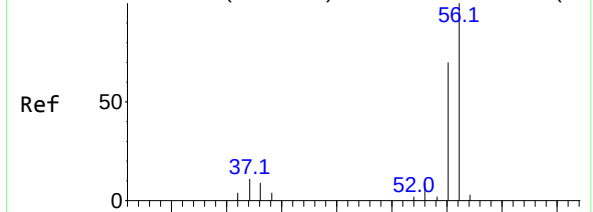


#11
Methyl Iodide
Concen: 0.297 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:	142	Resp:	394
Ion	Ratio	Lower	Upper
142	100		
127	41.8	23.4	70.3
141	0.0	7.8	23.3

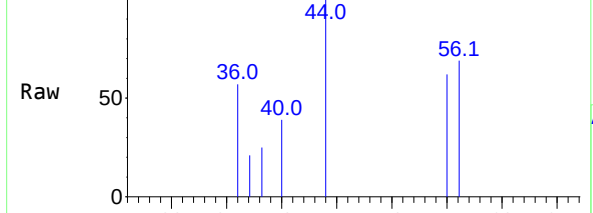


Abundance Scan 189 (2.239 min): VX033364.D\data.ms (-18



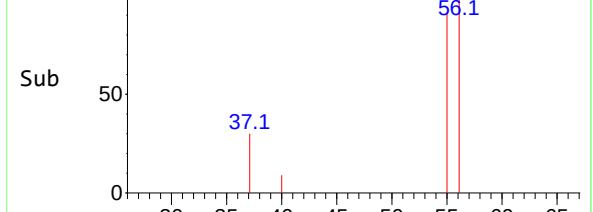
m/z-->

Abundance Scan 189 (2.239 min): VX033368.D\data.ms



m/z-->

Abundance Scan 189 (2.239 min): VX033368.D\data.ms (-10



m/z-->

#13

Acrolein

Concen: 1.076 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

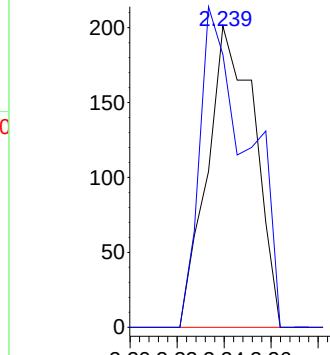
Tgt Ion: 56 Resp: 280

Ion Ratio Lower Upper

56 100

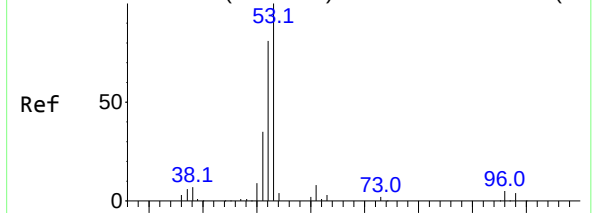
55 75.0 57.2 85.8

Abundance



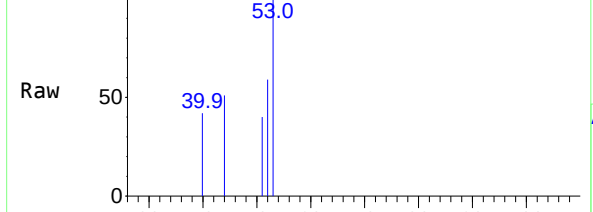
Time-->

Abundance Scan 325 (3.068 min): VX033364.D\data.ms (-31



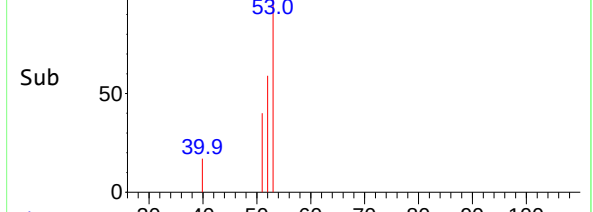
m/z-->

Abundance Scan 325 (3.069 min): VX033368.D\data.ms



m/z-->

Abundance Scan 325 (3.069 min): VX033368.D\data.ms (-24



m/z-->

#14

Acrylonitrile

Concen: 0.716 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Tgt Ion: 53 Resp: 428

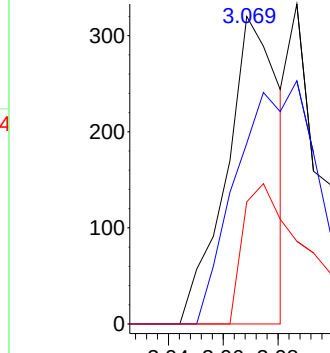
Ion Ratio Lower Upper

53 100

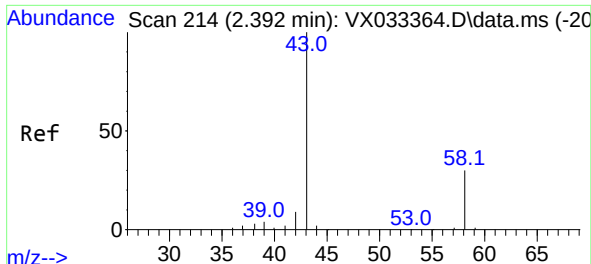
52 0.0 40.3 120.8#

51 50.9 18.4 55.4

Abundance



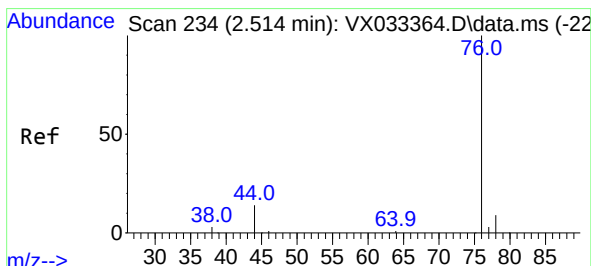
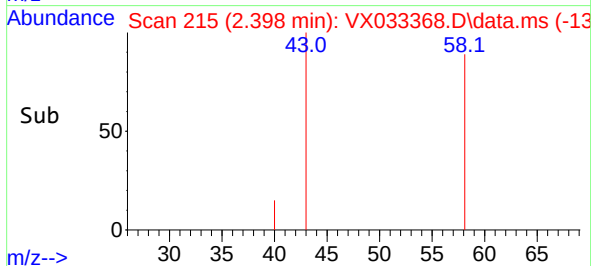
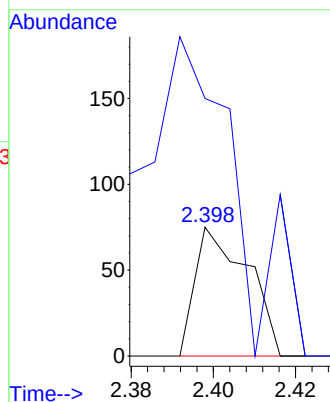
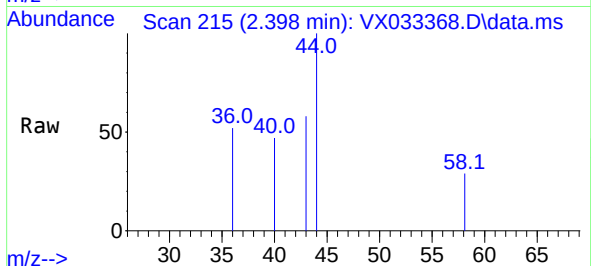
Time-->



#15
Acetone
Concen: 0.326 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

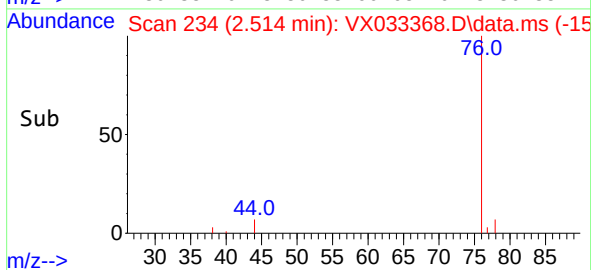
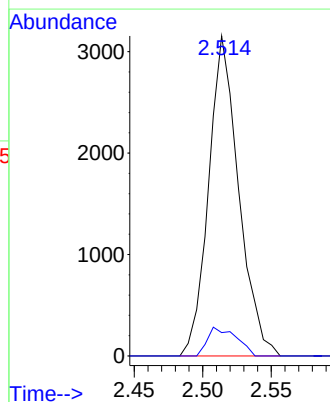
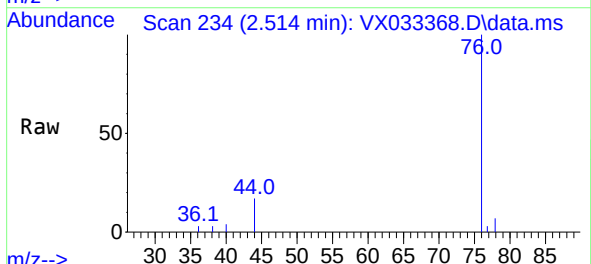
Instrument : MSVOA_X
ClientSampleId : IBLK

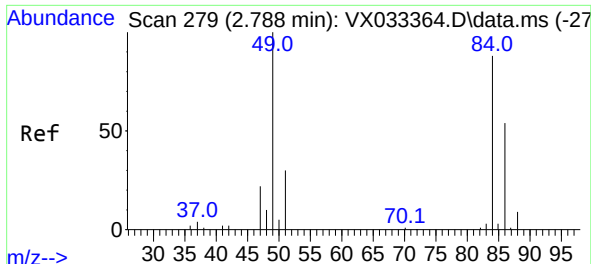
Tgt Ion: 58 Resp: 67
Ion Ratio Lower Upper
58 100
43 74.7 262.9 394.3#



#16
Carbon Disulfide
Concen: 1.536 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 76 Resp: 4828
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.4



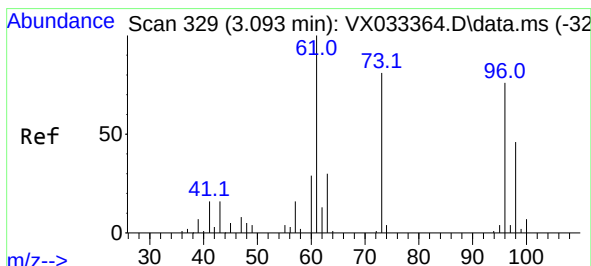
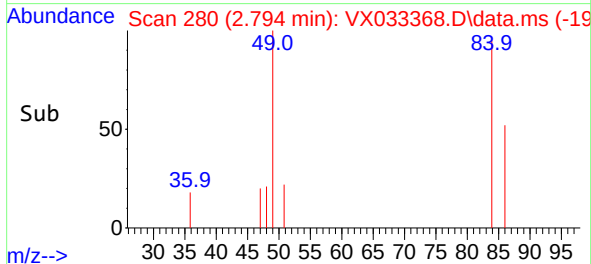
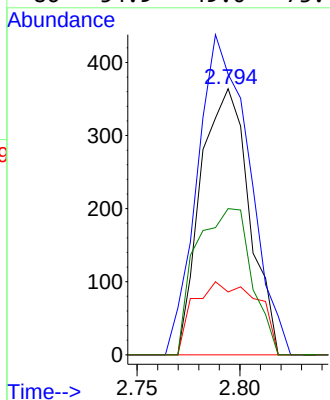
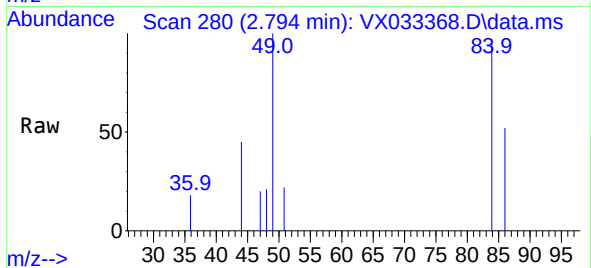


#18
Methylene Chloride
Concen: 0.441 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 597

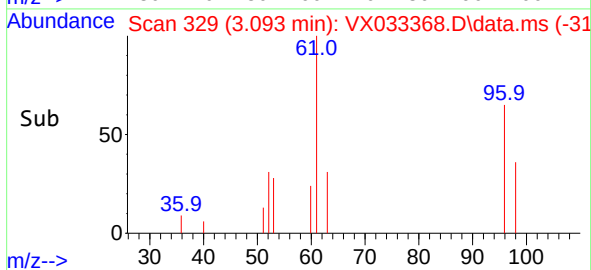
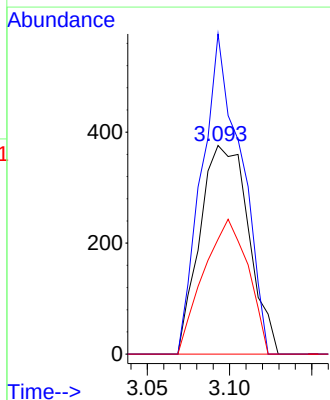
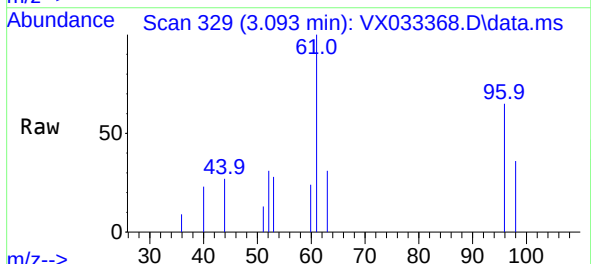
Ion	Ratio	Lower	Upper
84	100		
49	90.9	91.2	136.8#
51	23.6	27.3	40.9#
86	54.9	49.0	73.4

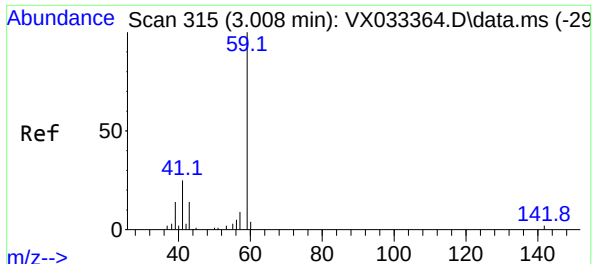


#19
trans-1,2-Dichloroethene
Concen: 0.570 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 96 Resp: 775

Ion	Ratio	Lower	Upper
96	100		
61	153.5	105.8	158.8
98	55.1	49.1	73.7





#23

tert-Butyl Alcohol

Concen: 5.121 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.055 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

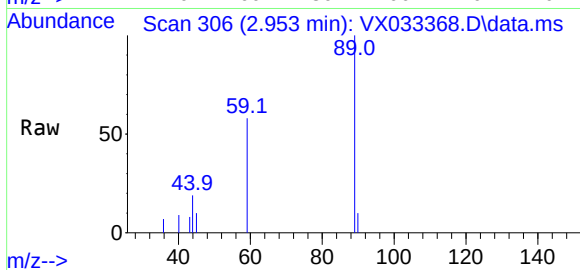
IBLK

Tgt Ion: 59 Resp: 1307

Ion Ratio Lower Upper

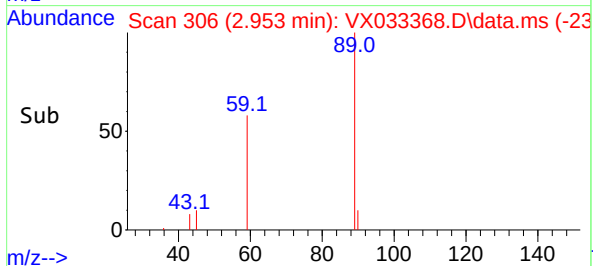
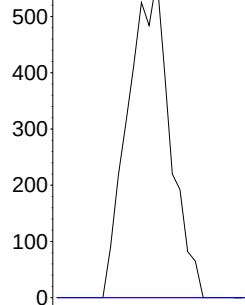
59 100

52 40.3 149.0 223.6#

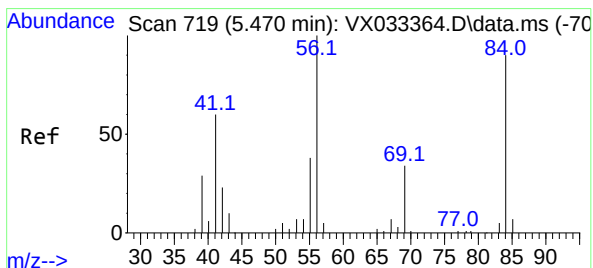


Abundance

2.953



Time-->



#26

Cyclohexane

Concen: 0.219 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

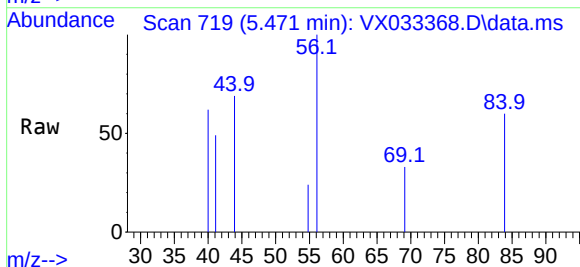
Tgt Ion: 56 Resp: 456

Ion Ratio Lower Upper

56 100

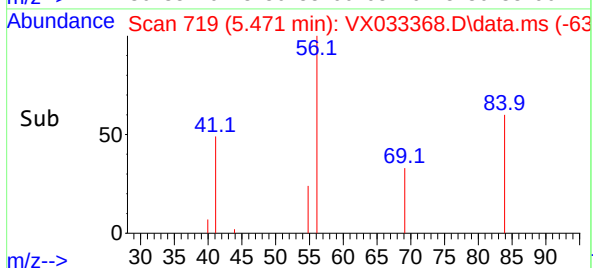
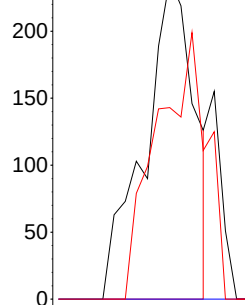
89 0.0 0.0 0.0

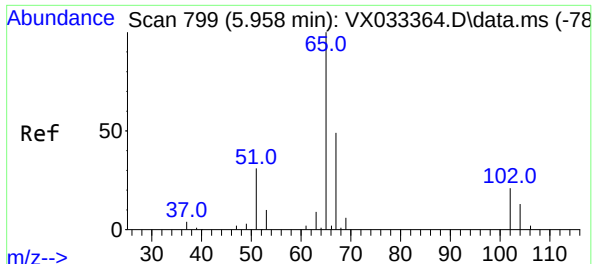
84 48.0 74.7 112.1#



Abundance

5.471

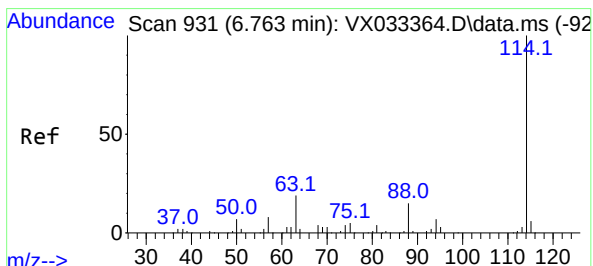
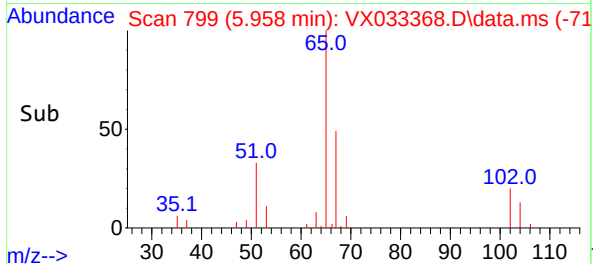
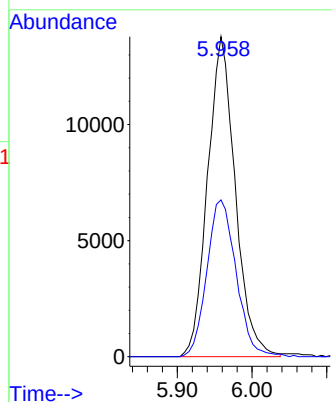
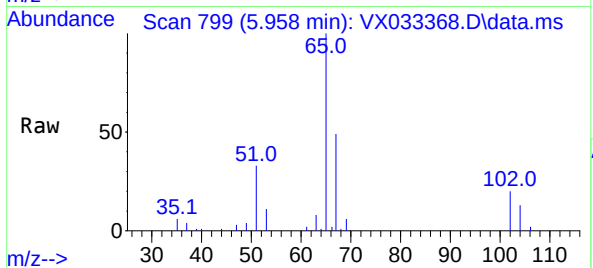




#27
1,2-Dichloroethane-d4
Concen: 29.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

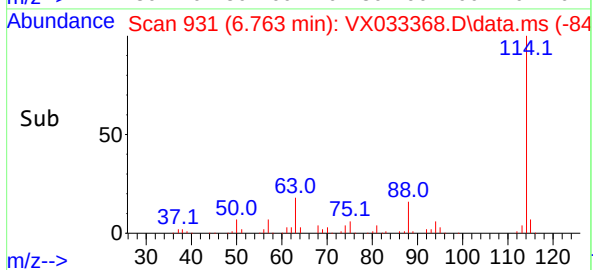
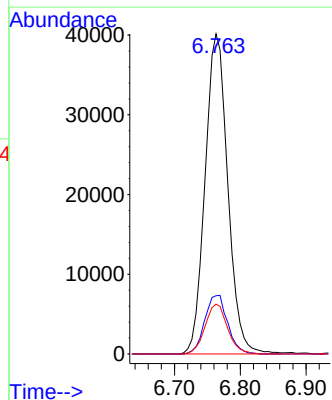
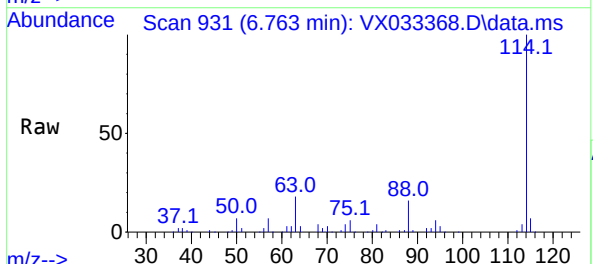
Instrument :
MSVOA_X
ClientSampleId :
IBLK

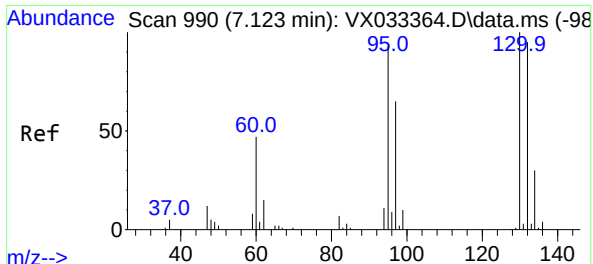
Tgt Ion: 65 Resp: 35464
Ion Ratio Lower Upper
65 100
67 51.8 39.8 59.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 114 Resp: 96510
Ion Ratio Lower Upper
114 100
63 18.4 15.2 22.8
88 15.5 12.2 18.4





#37

Trichloroethene

Concen: 0.317 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

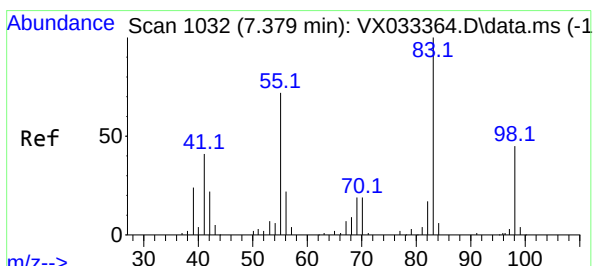
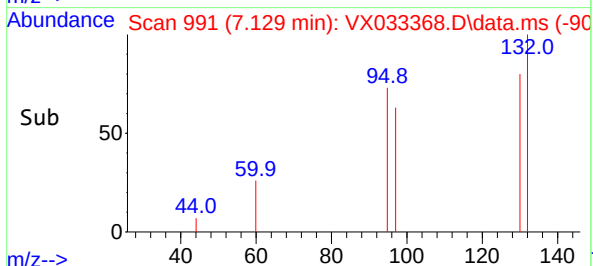
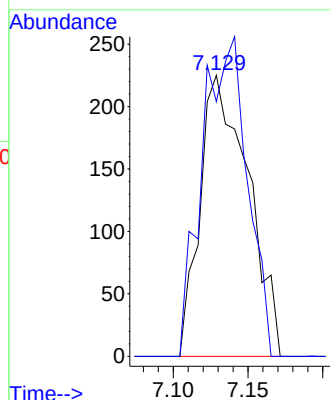
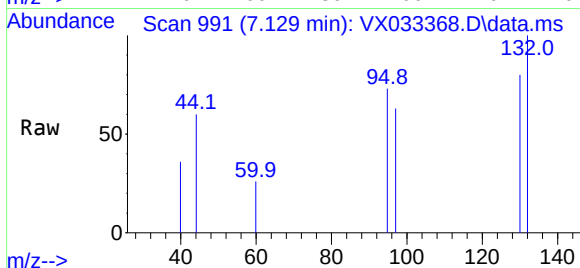
IBLK

Tgt Ion:130 Resp: 503

Ion Ratio Lower Upper

130 100

95 90.7 74.6 112.0



#38

Methylcyclohexane

Concen: 0.328 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

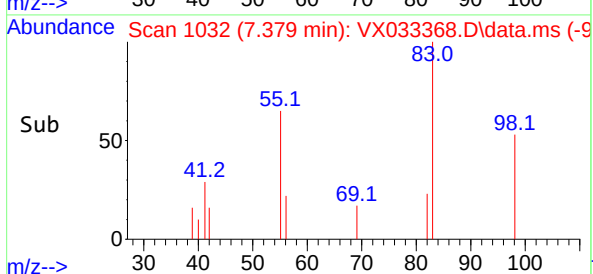
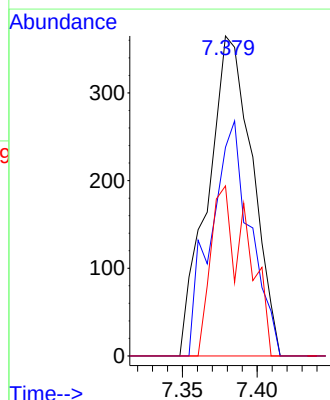
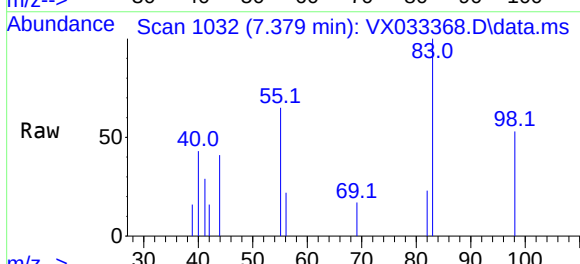
Tgt Ion: 83 Resp: 755

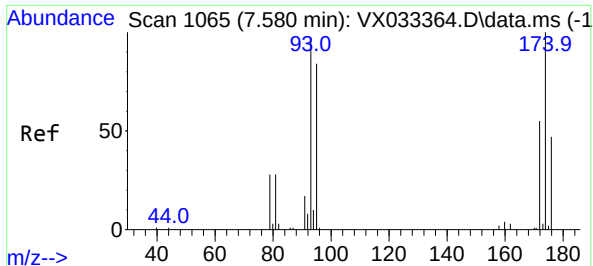
Ion Ratio Lower Upper

83 100

55 64.9 36.2 108.6

98 26.0 23.4 70.2

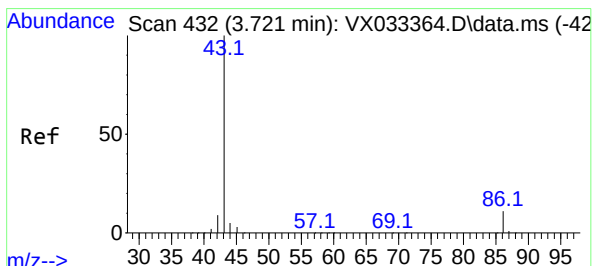
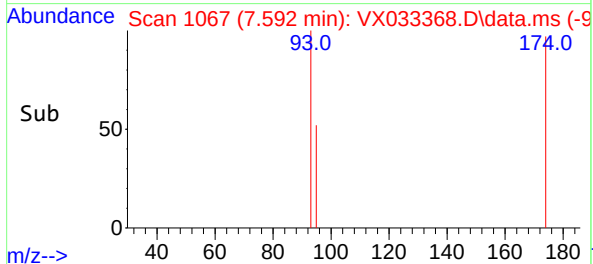
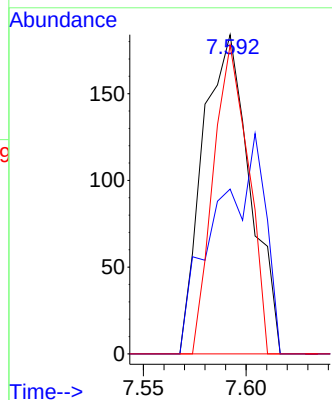
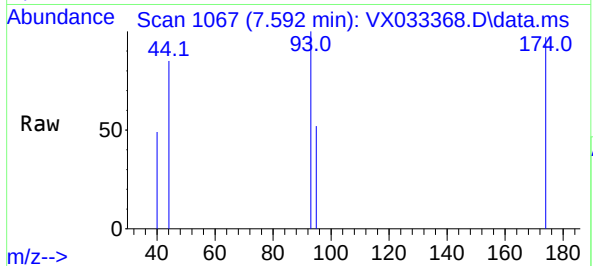




#40
Dibromomethane
Concen: 0.276 ug/l
RT: 7.592 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

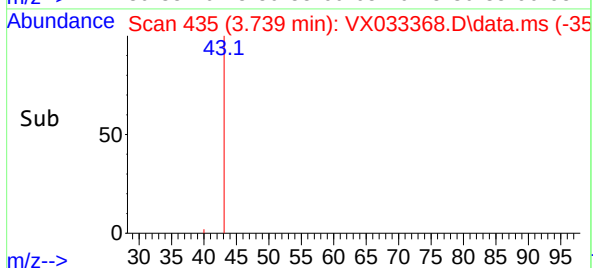
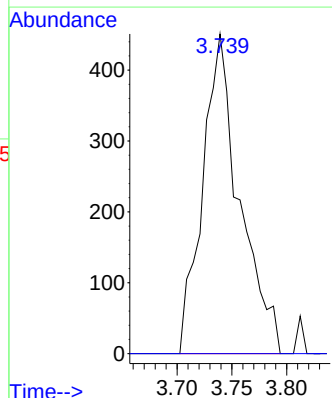
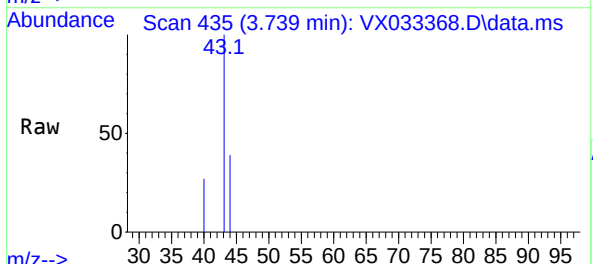
Instrument :
MSVOA_X
ClientSampleId :
IBLK

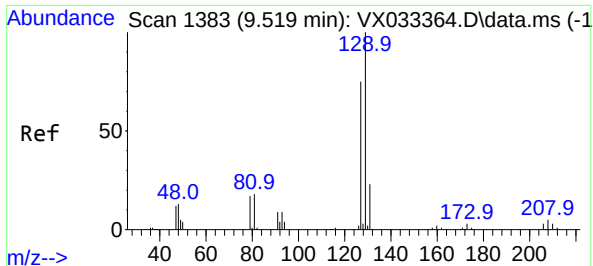
Tgt Ion: 93	Resp:	294	
Ion	Ratio	Lower	Upper
93	100		
95	45.9	0.0	170.2
174	72.1	0.0	206.8



#42
Vinyl Acetate
Concen: 0.335 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 43	Resp:	1059	
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

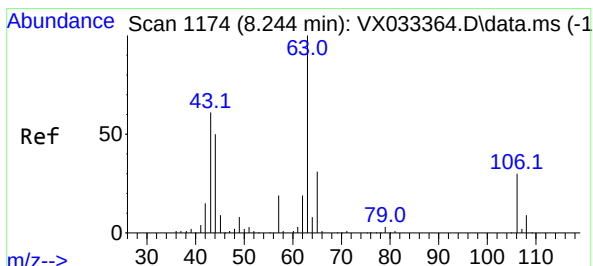
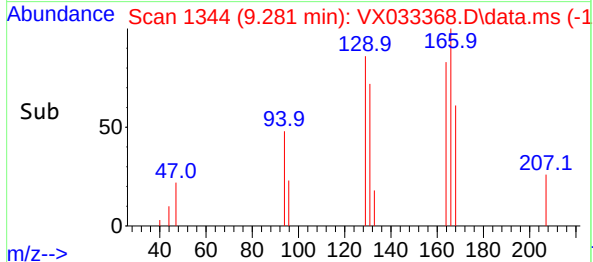
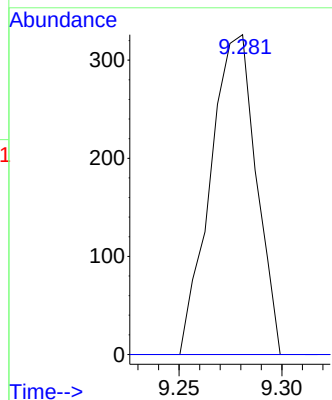
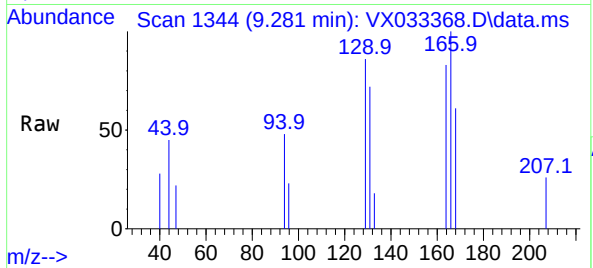




#53
Dibromochloromethane
Concen: 0.286 ug/l
RT: 9.281 min Scan# 1176
Delta R.T. -0.238 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

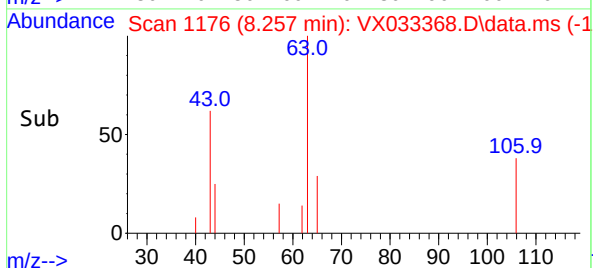
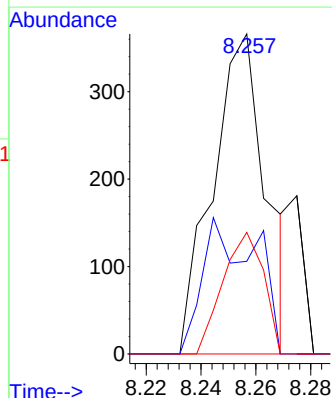
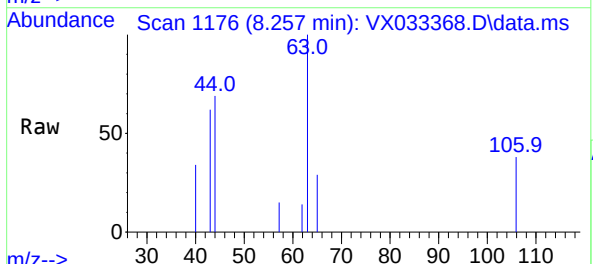
Instrument :
MSVOA_X
ClientSampleId :
IBLK

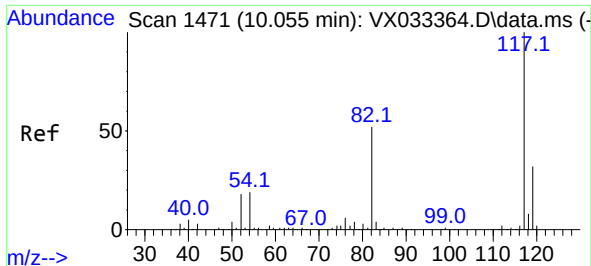
Tgt Ion:129 Resp: 507
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#



#55
2-Chloroethyl vinyl ether
Concen: 0.502 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 63 Resp: 497
Ion Ratio Lower Upper
63 100
65 18.1 25.8 38.8#
106 29.0 24.2 36.4

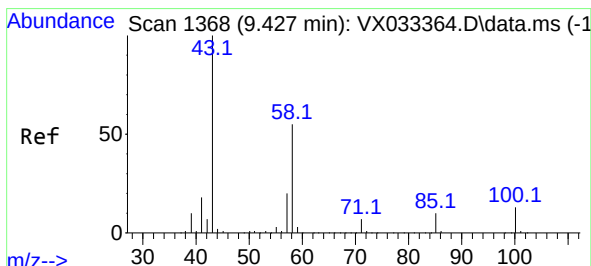
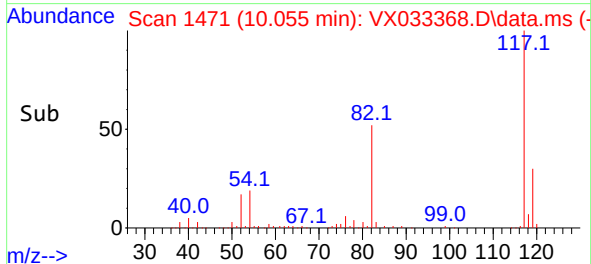
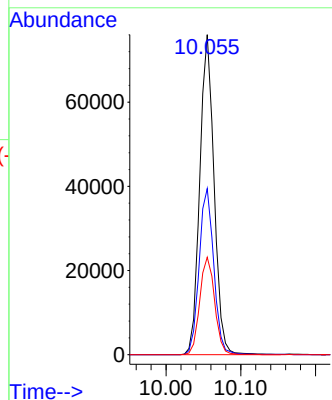
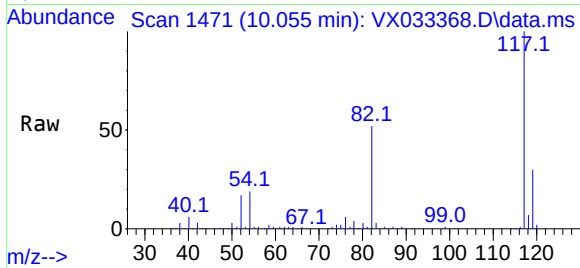




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

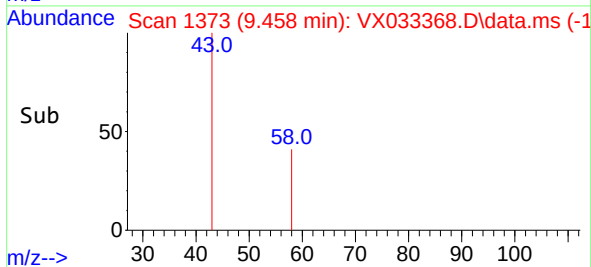
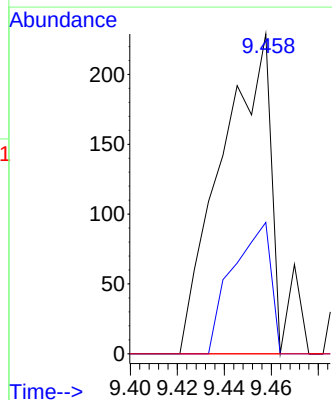
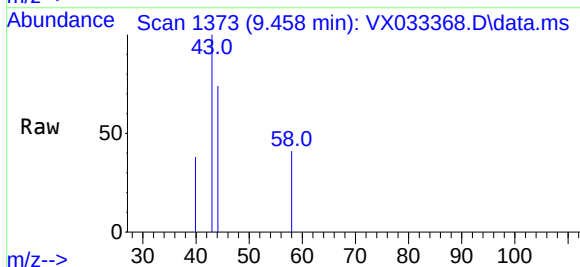
Instrument :
MSVOA_X
ClientSampleId :
IBLK

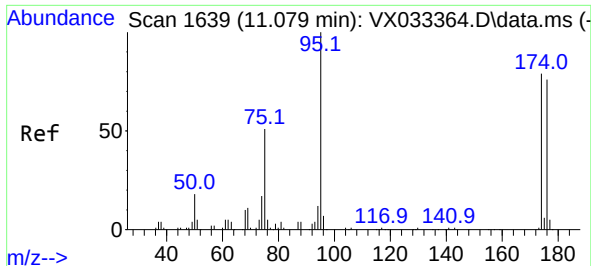
Tgt Ion:117 Resp: 100940
Ion Ratio Lower Upper
117 100
82 53.3 43.7 65.5
119 31.7 25.6 38.4



#59
2-Hexanone
Concen: 0.264 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.031 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 32.4 44.4 66.6#
57 0.0 16.2 24.2#

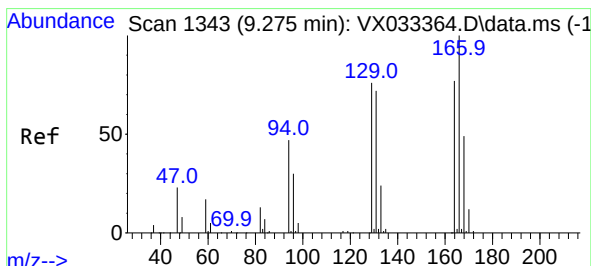
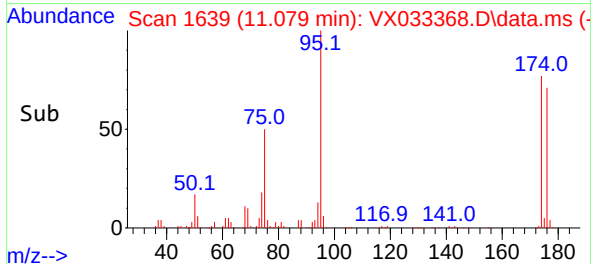
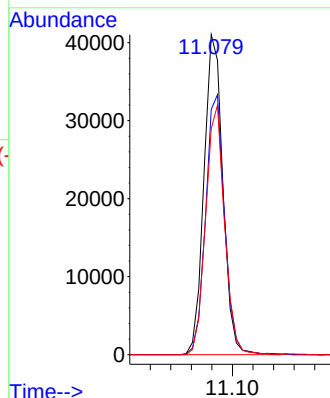
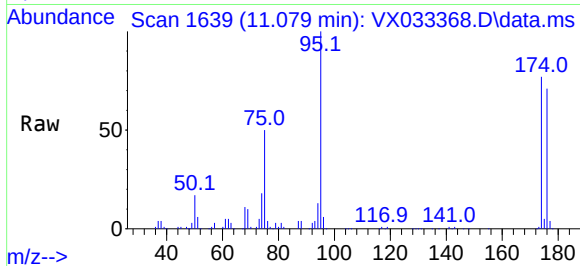




#60
4-Bromofluorobenzene
Concen: 27.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

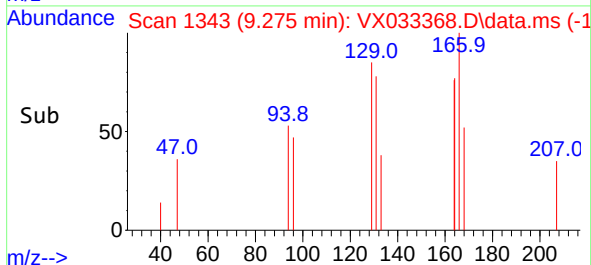
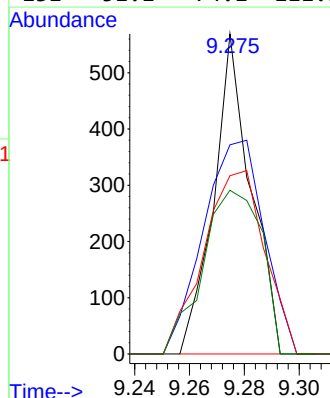
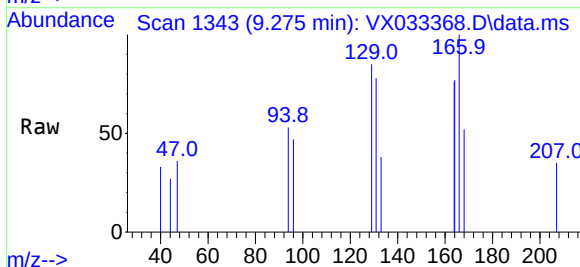
Instrument :
MSVOA_X
ClientSampleId :
IBLK

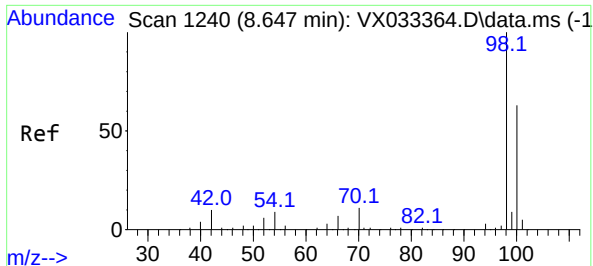
Tgt Ion: 95 Resp: 52323
Ion Ratio Lower Upper
95 100
174 81.9 65.9 98.9
176 77.9 63.3 94.9



#61
Tetrachloroethene
Concen: 0.397 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:164 Resp: 536
Ion Ratio Lower Upper
164 100
166 53.6 103.3 154.9#
129 42.4 78.3 117.5#
131 51.1 74.1 111.1#

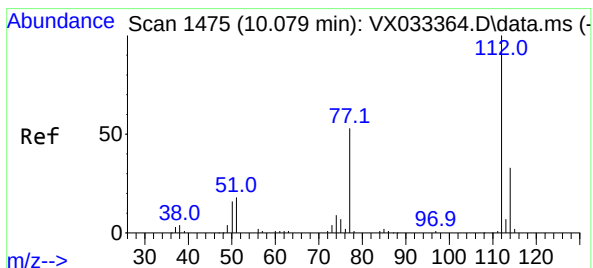
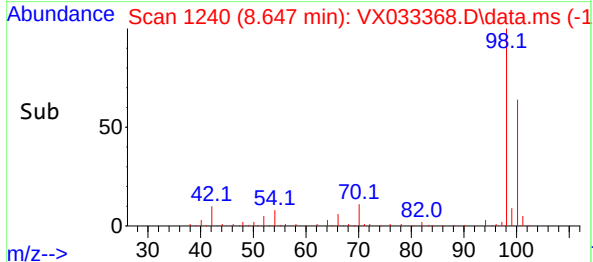
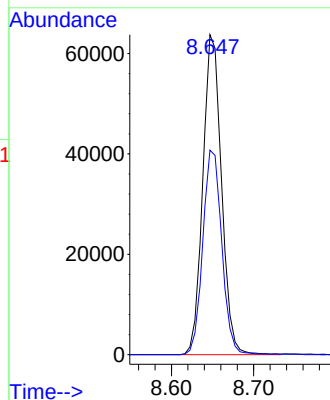
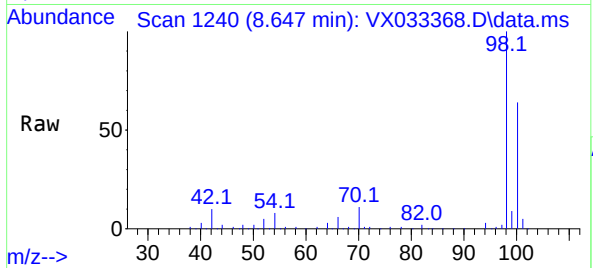




#63
Toluene-d8
Concen: 29.999 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

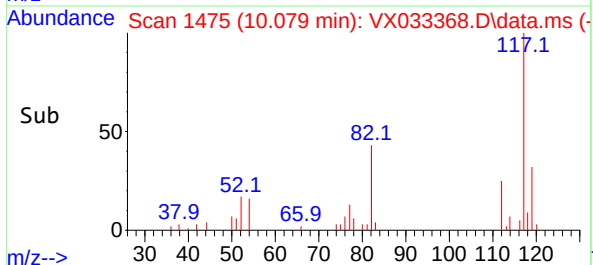
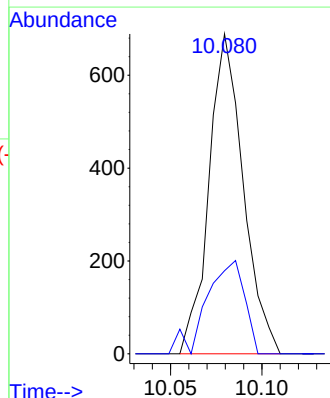
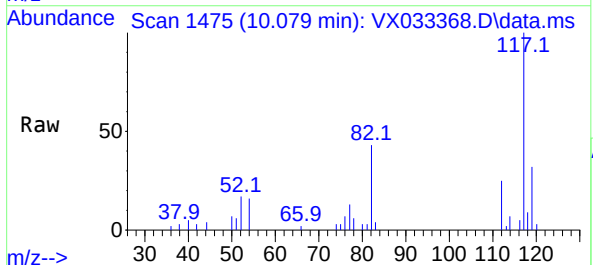
Instrument :
MSVOA_X
ClientSampleId :
IBLK

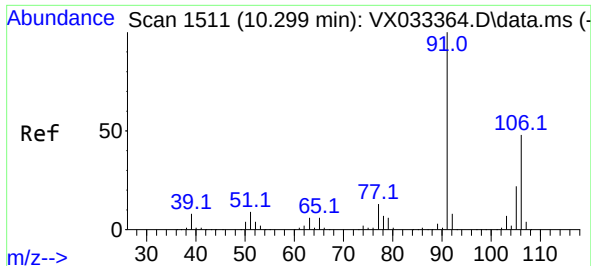
Tgt Ion: 98 Resp: 100731
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



#64
Chlorobenzene
Concen: 0.232 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 112 Resp: 901
Ion Ratio Lower Upper
112 100
114 26.0 26.2 39.2#

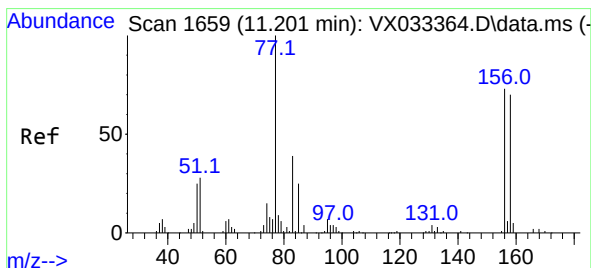
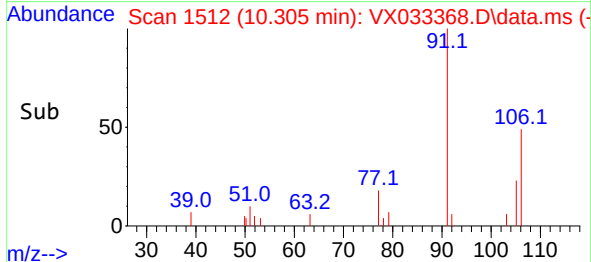
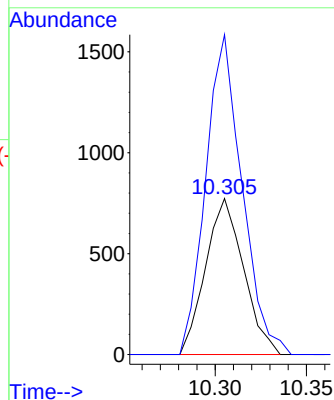
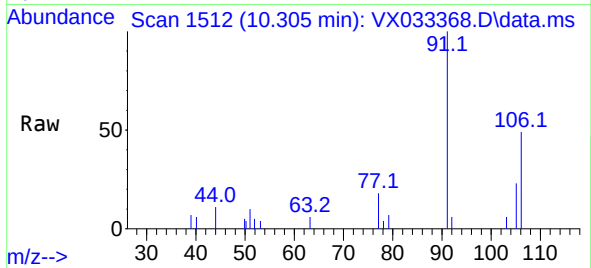




#67
m/p-Xylenes
Concen: 0.415 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

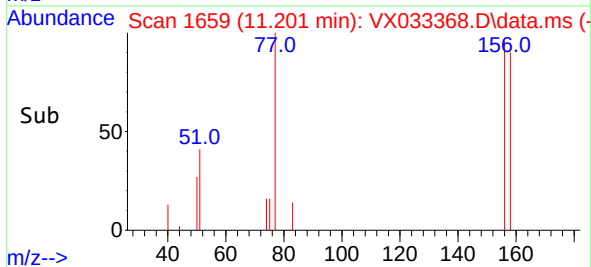
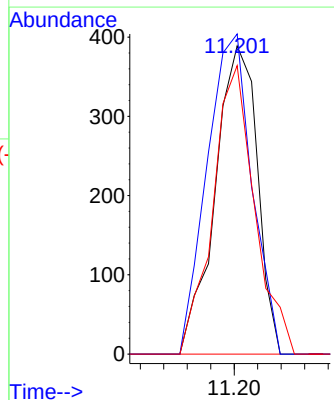
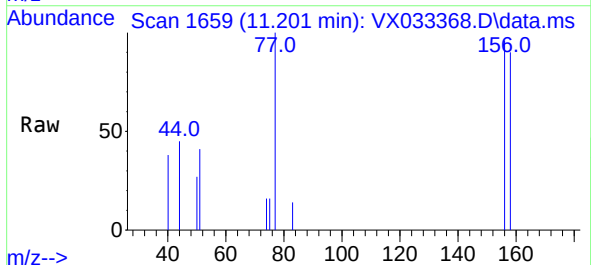
Instrument :
MSVOA_X
ClientSampleId :
IBLK

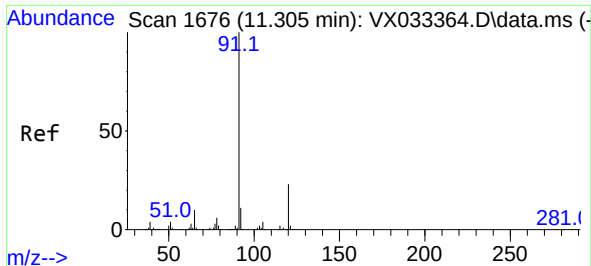
Tgt Ion:106 Resp: 1121
Ion Ratio Lower Upper
106 100
91 195.3 165.4 248.2



#73
Bromobenzene
Concen: 0.282 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:156 Resp: 486
Ion Ratio Lower Upper
156 100
77 110.5 0.0 298.6
158 92.8 0.0 193.2

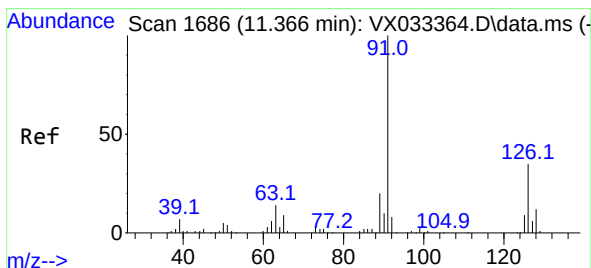
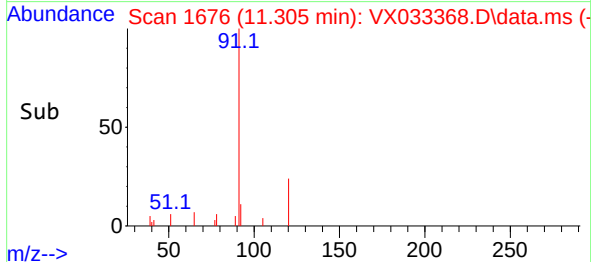
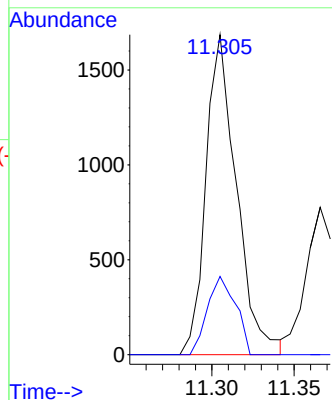
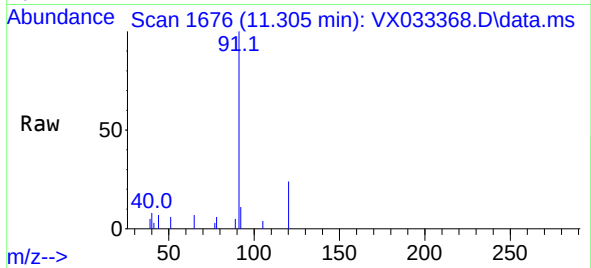




#74
n-propylbenzene
Concen: 0.272 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

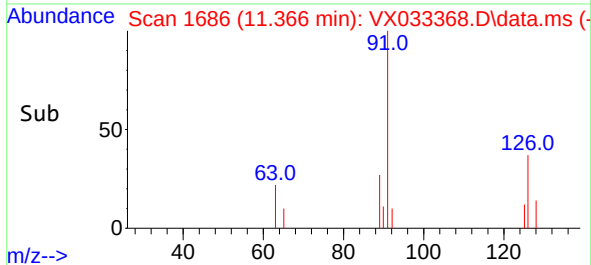
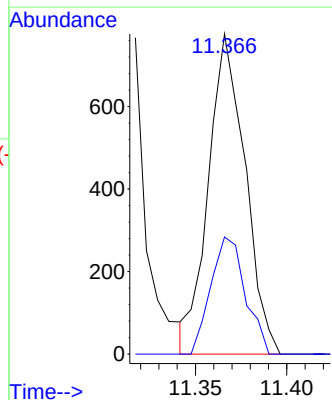
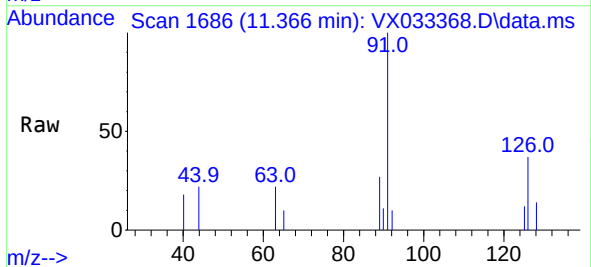
Instrument :
MSVOA_X
ClientSampleId :
IBLK

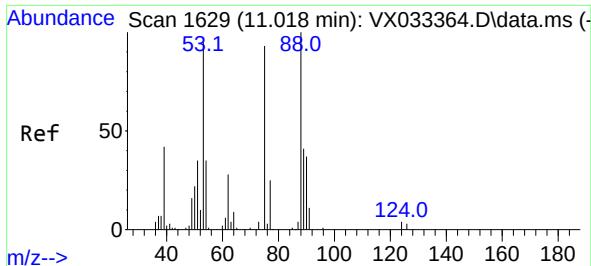
Tgt Ion: 91 Resp: 2173
Ion Ratio Lower Upper
91 100
120 22.7 0.0 46.4



#75
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 91 Resp: 1082
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.6

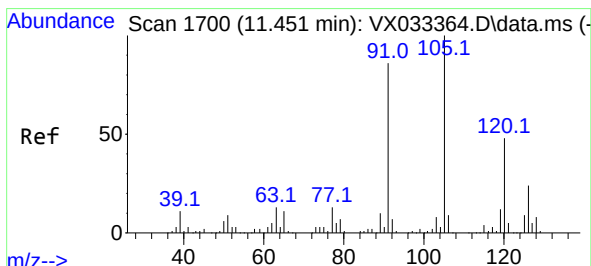
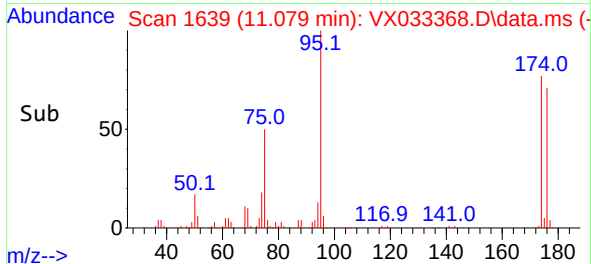
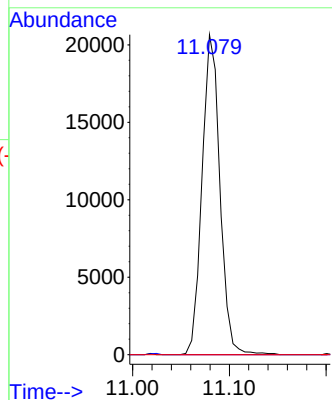
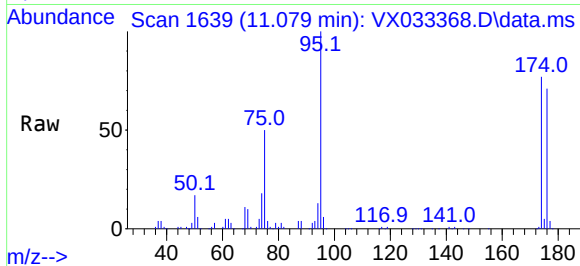




#77
t-1,4-Dichloro-2-butene
Concen: 43.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

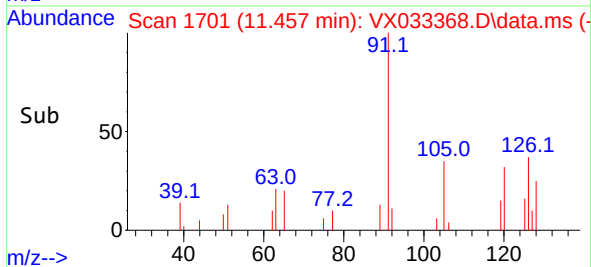
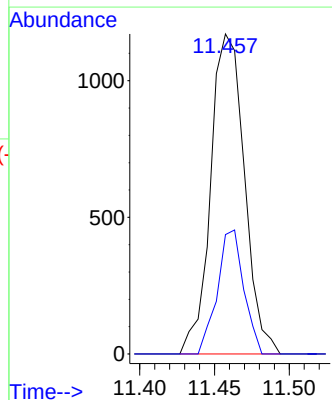
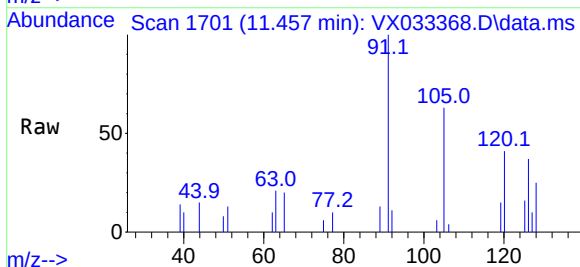
Instrument :
MSVOA_X
ClientSampleId :
IBLK

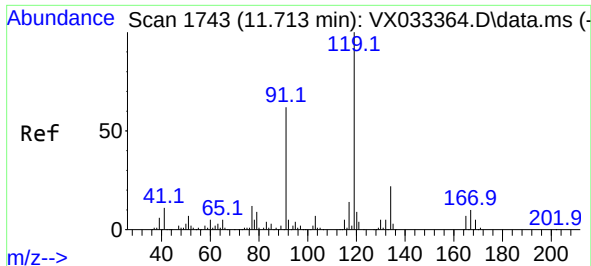
Tgt Ion: 75 Resp: 26624
Ion Ratio Lower Upper
75 100
53 0.0 51.4 154.3#
89 0.0 22.2 66.6#



#78
4-Chlorotoluene
Concen: 0.334 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion: 91 Resp: 1838
Ion Ratio Lower Upper
91 100
126 30.3 0.0 59.4

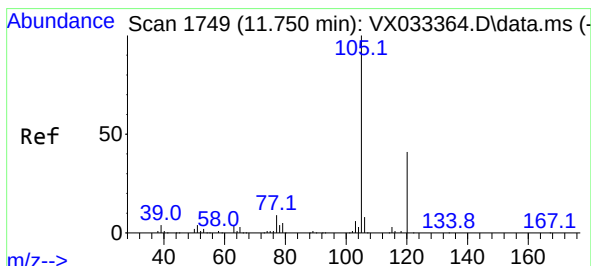
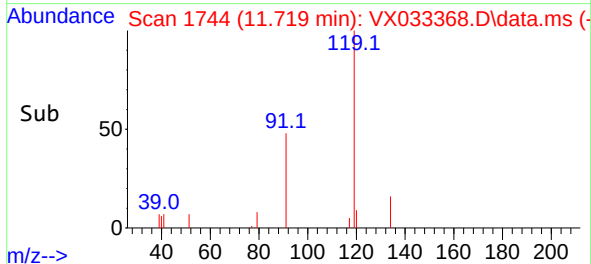
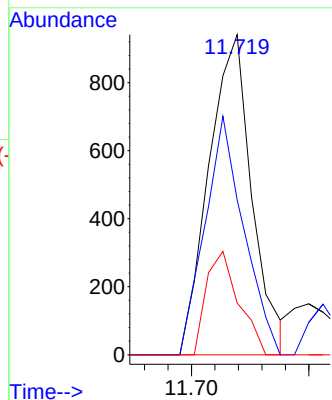
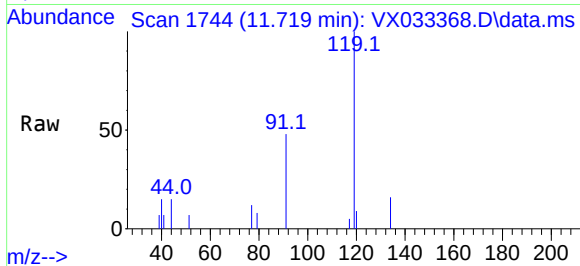




#79
tert-butylbenzene
Concen: 0.206 ug/l
RT: 11.719 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

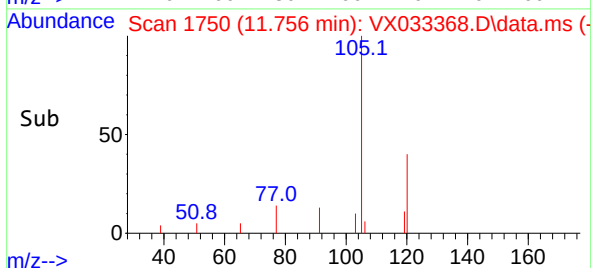
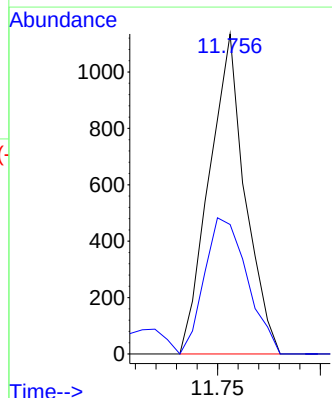
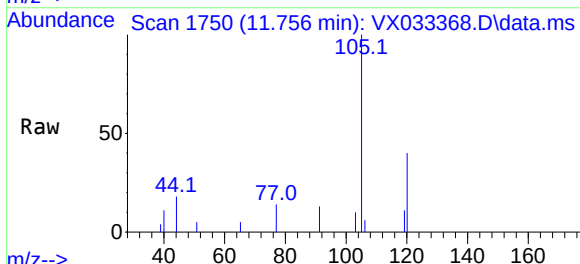
Instrument :
MSVOA_X
ClientSampleId :
IBLK

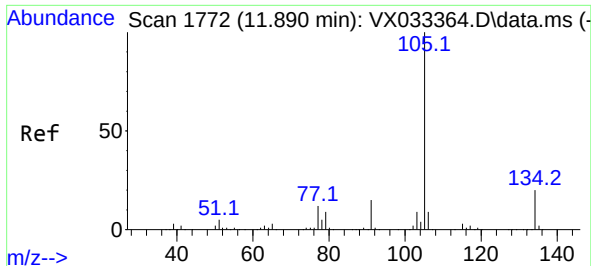
Tgt Ion:	119	Resp:	1199
Ion	Ratio	Lower	Upper
119	100		
91	67.0	0.0	117.0
134	24.4	0.0	44.4



#80
1,2,4-Trimethylbenzene
Concen: 0.239 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:	105	Resp:	1379
Ion	Ratio	Lower	Upper
105	100		
120	50.6	0.0	86.8

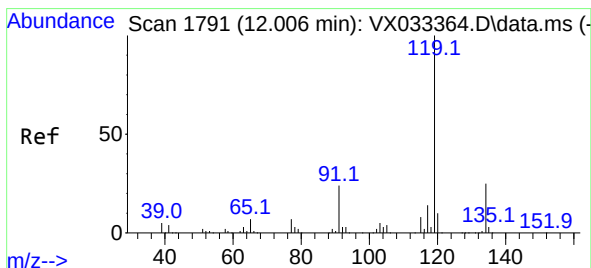
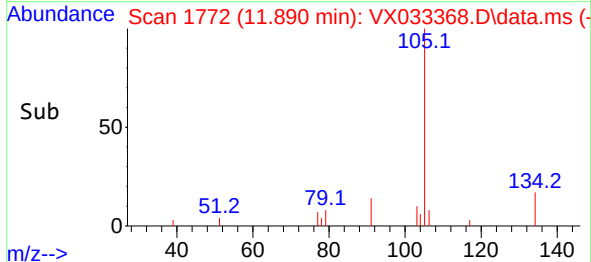
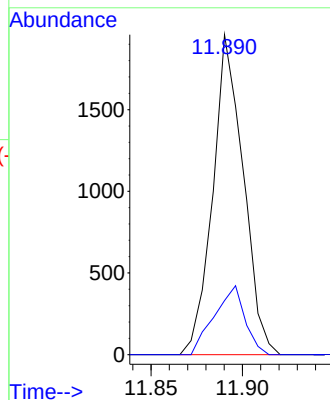
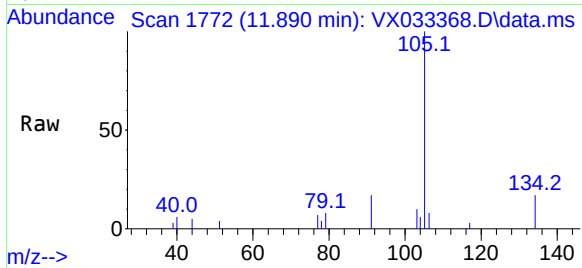




#81
 sec-Butylbenzene
 Concen: 0.326 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033368.D
 Acq: 12 Dec 2022 12:30

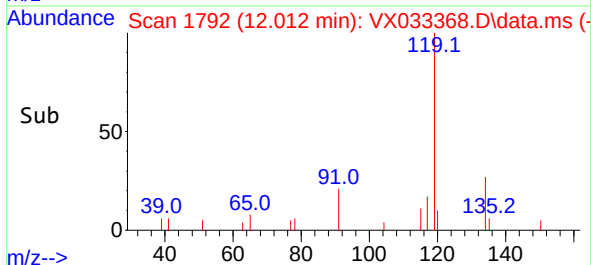
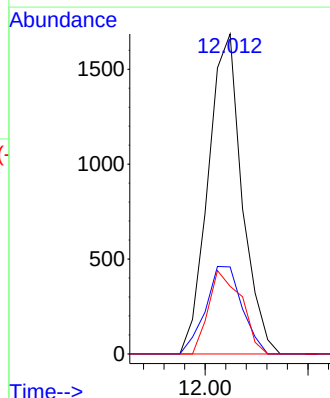
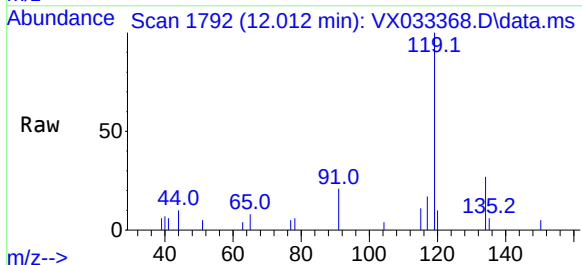
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

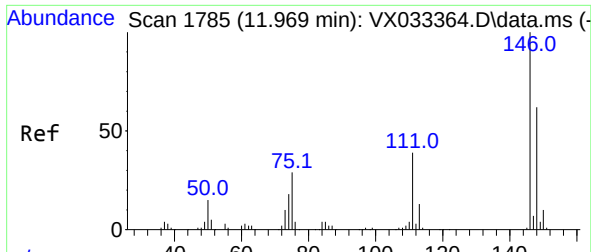
Tgt Ion:105 Resp: 2278
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 0.324 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033368.D
 Acq: 12 Dec 2022 12:30

Tgt Ion:119 Resp: 1929
 Ion Ratio Lower Upper
 119 100
 134 29.4 0.0 52.6
 91 25.2 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 0.425 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

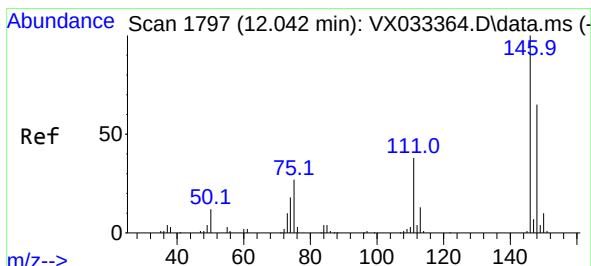
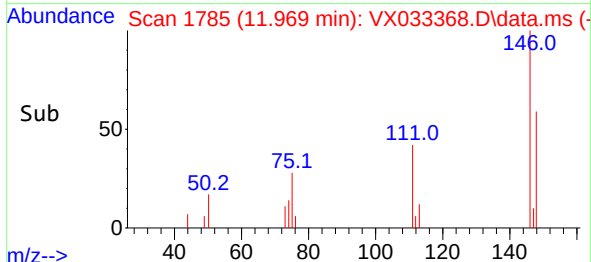
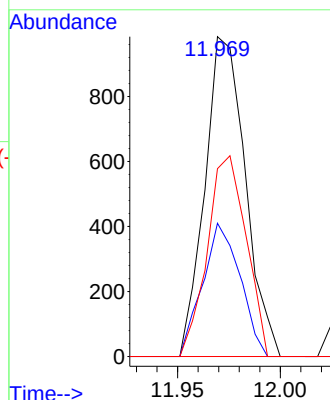
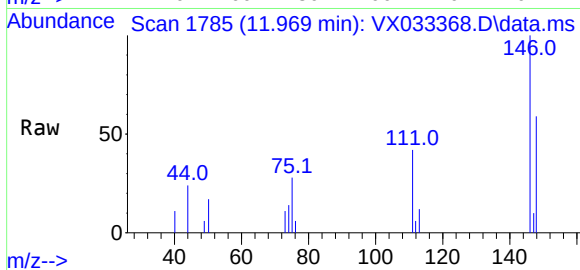
Tgt Ion:146 Resp: 1349

Ion Ratio Lower Upper

146 100

111 38.5 20.1 60.3

148 60.3 31.3 93.9



#84

1,4-Dichlorobenzene

Concen: 0.481 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033368.D

Acq: 12 Dec 2022 12:30

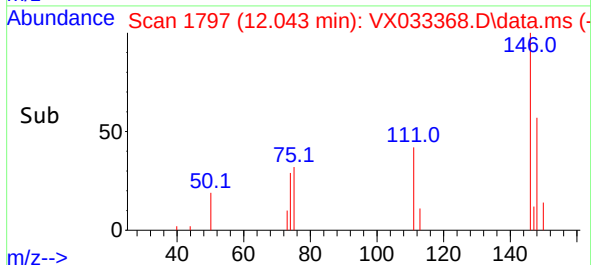
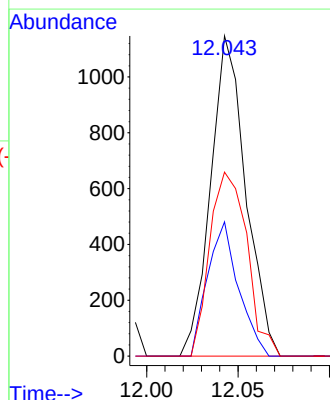
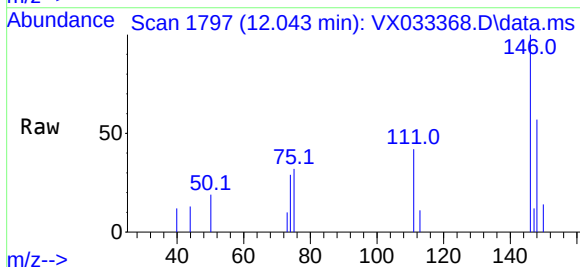
Tgt Ion:146 Resp: 1537

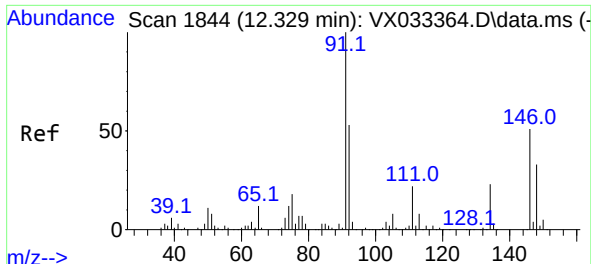
Ion Ratio Lower Upper

146 100

111 37.0 19.1 57.1

148 61.0 32.2 96.6

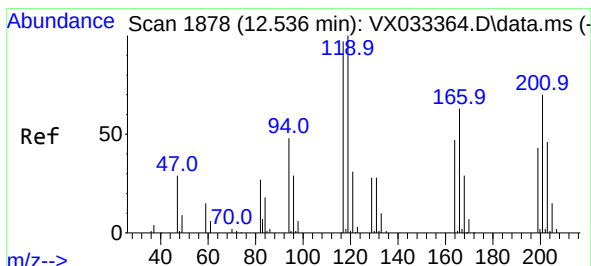
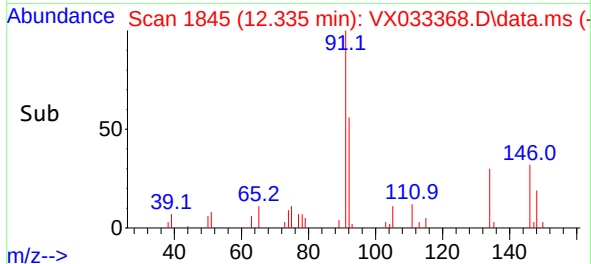
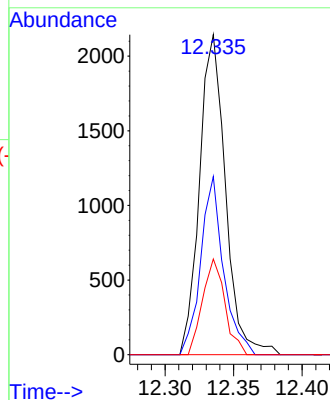
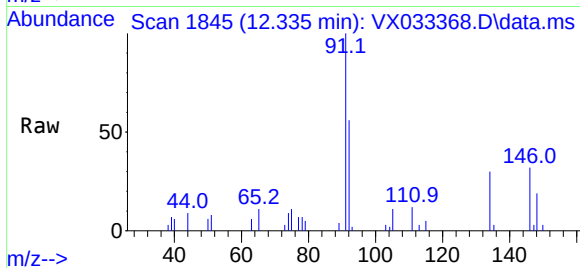




#85
n-Butylbenzene
Concen: 0.569 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

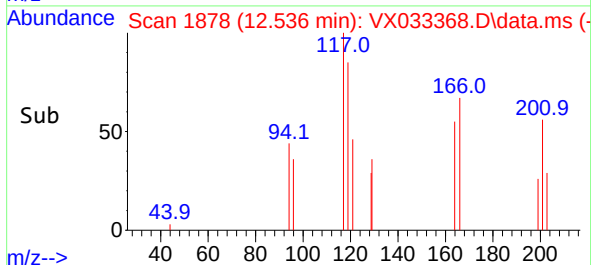
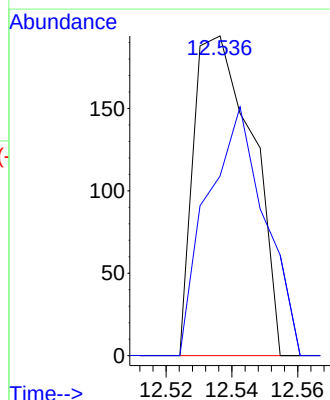
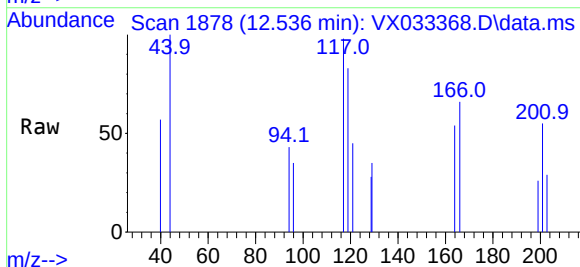
Instrument :
MSVOA_X
ClientSampleId :
IBLK

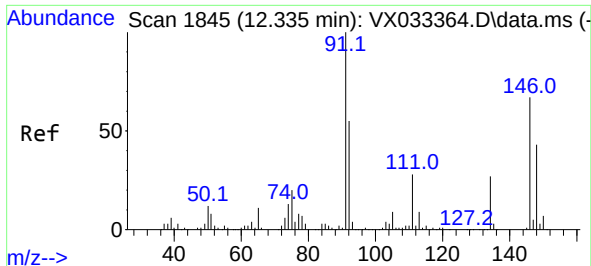
Tgt Ion:	91	Resp:	2832
Ion	Ratio	Lower	Upper
91	100		
92	48.9	0.0	106.8
134	25.7	0.0	51.8



#86
Hexachloroethane
Concen: 0.227 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:	117	Resp:	240
Ion	Ratio	Lower	Upper
117	100		
201	76.3	40.4	121.2

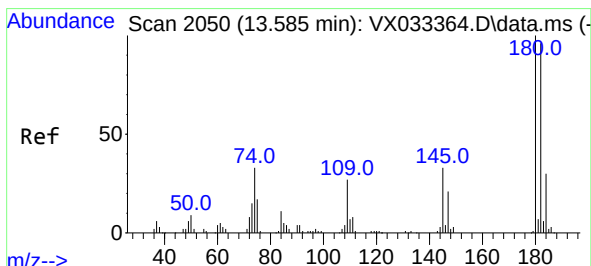
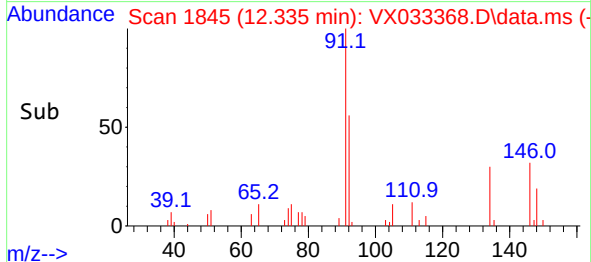
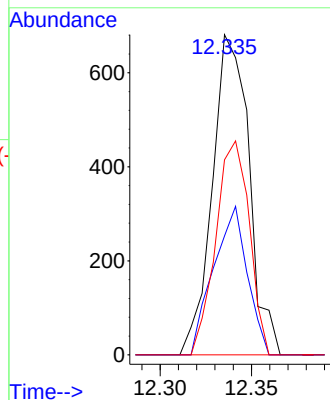
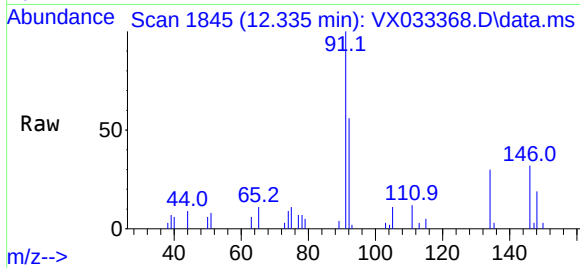




#87
1,2-Dichlorobenzene
Concen: 0.304 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

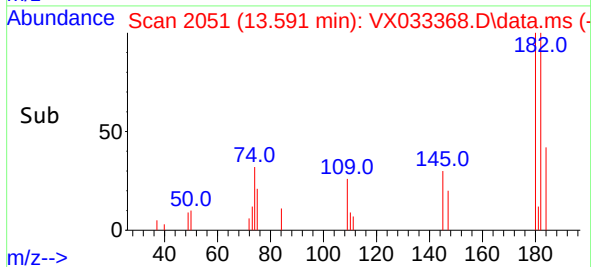
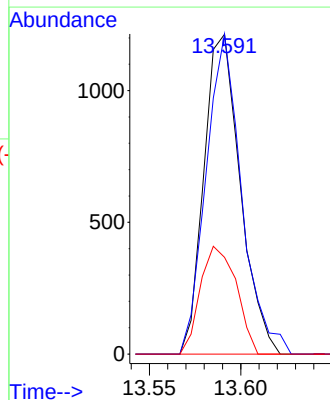
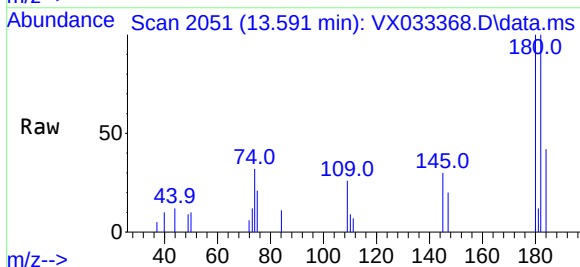
Instrument :
MSVOA_X
ClientSampleId :
IBLK

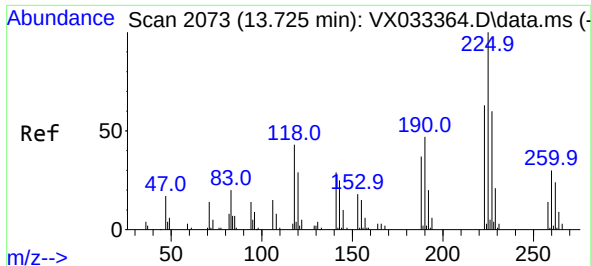
Tgt Ion:	146	Resp:	952
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.8
148	61.0	31.9	95.5



#89
1,2,4-Trichlorobenzene
Concen: 0.869 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

Tgt Ion:	180	Resp:	1681
Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.4	117.6
145	33.4	25.4	38.2

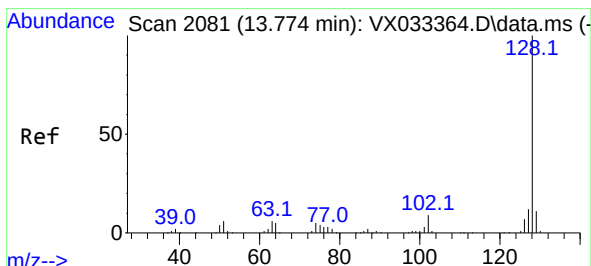
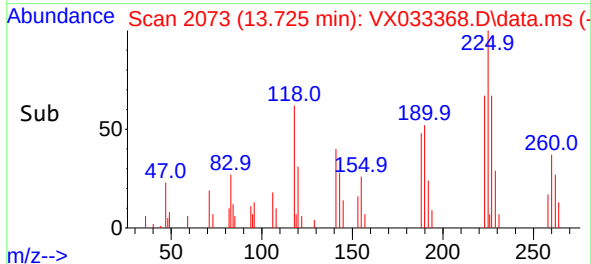
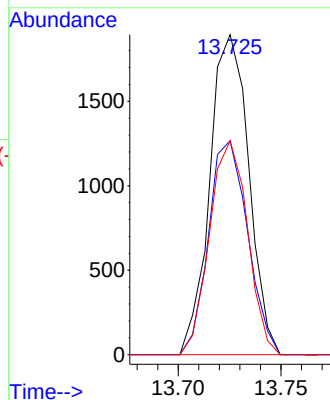
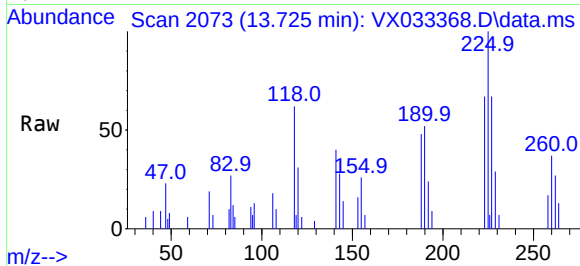




#90
Hexachlorobutadiene
Concen: 3.050 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

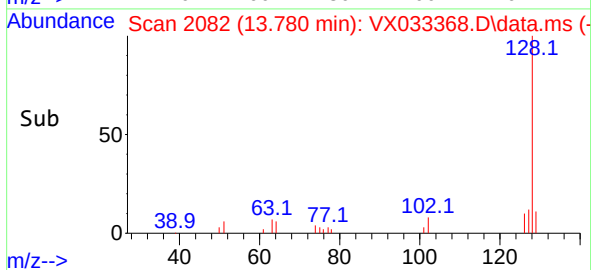
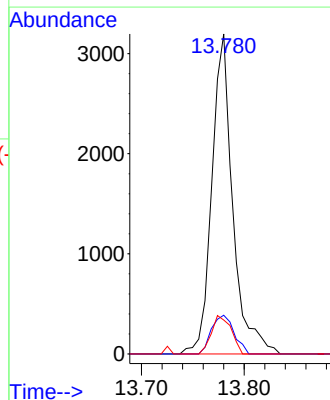
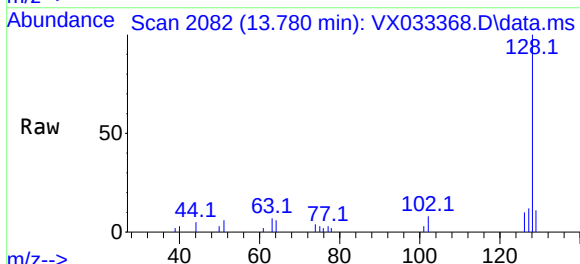
Instrument :
MSVOA_X
ClientSampleId :
IBLK

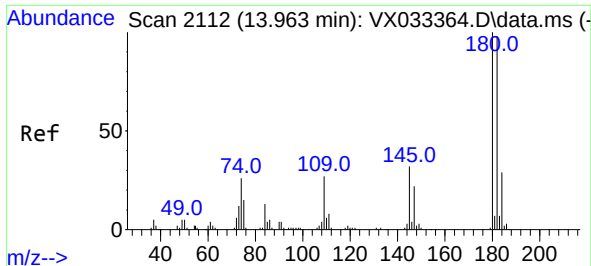
Tgt Ion:	225	Resp:	2503
Ion	Ratio	Lower	Upper
225	100		
223	67.1	0.0	125.6
227	65.1	0.0	125.4



#91
Naphthalene
Concen: 0.722 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033368.D
Acq: 12 Dec 2022 12:30

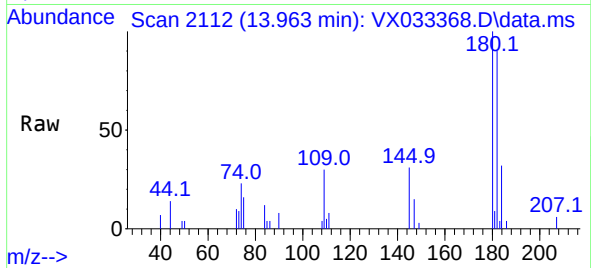
Tgt Ion:	128	Resp:	4519
Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.9	14.9
129	11.3	8.8	13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 1.001 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX033368.D
 Acq: 12 Dec 2022 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180	Resp:	1939
Ion	Ratio	Lower Upper
180	100	
182	89.4	0.0 194.2
145	28.4	0.0 68.0

