

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028219.D
 Acq On : 30 Sep 2022 11:59
 Operator : SY/MD
 Sample : VV0930WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

Quant Time: Sep 30 22:55:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	160455	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	171005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68724	4.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.561	69	58269	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.098	63	96638	3.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.892	46	103842	36.976	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.960%
24) Chloroform-d	4.336	84	107288	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.024	65	52426	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.040	84	219727	3.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.059	67	60887	3.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.310	98	186040	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.622	79	22491	3.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.085	63	109017	41.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43482	3.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	70886	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1147	0.072	ug/L	93
5) Vinyl chloride	1.307	62	744	0.060	ug/L #	1
6) Bromomethane	1.519	94	1789	0.221	ug/L	88
8) Chloroethane	1.407	64	204309	24.486	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1382	0.121	ug/L #	30
12) 1,1-Dichloroethene	2.105	96	2161	0.195	ug/L #	1
14) Carbon disulfide	2.285	76	2314	0.109	ug/L #	90
16) Methylene chloride	2.497	84	5038	0.407	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	522	0.041	ug/L #	37
25) Chloroform	4.371	83	3349	0.147	ug/L	96
34) Trichloroethene	5.912	95	11772	0.996	ug/L	91
35) Methylcyclohexane	6.063	83	15843	0.977	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	6410	0.482	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	6851	1.071	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	857	0.068	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.252	75	177	0.126	ug/L #	1
70) 1,2,4-trichlorobenzene	13.265	180	1232	0.087	ug/L	92
71) Naphthalene	13.503	128	3454	0.150	ug/L #	78
72) 1,2,3-Trichlorobenzene	13.747	180	1585	0.124	ug/L	88

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

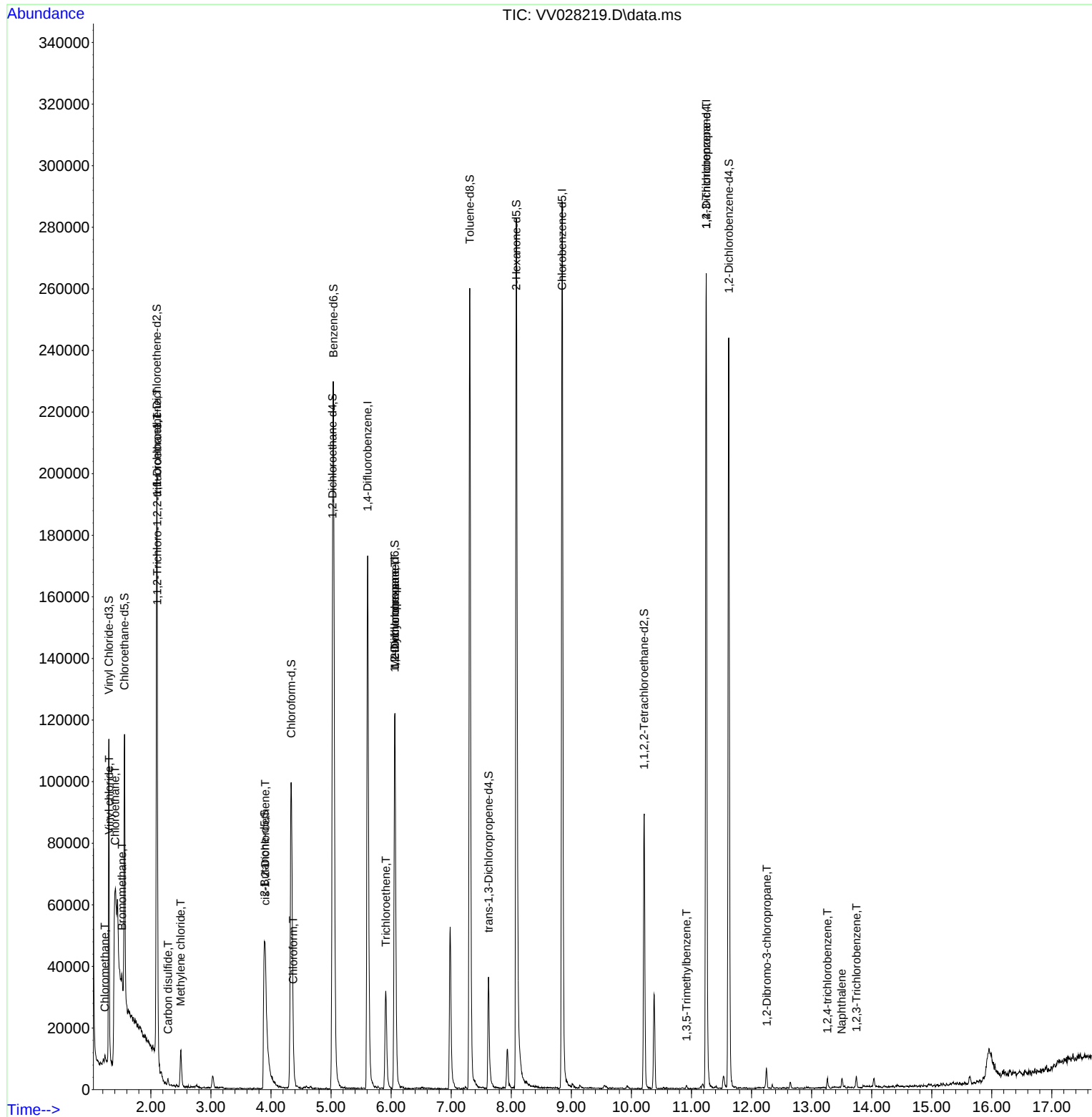
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

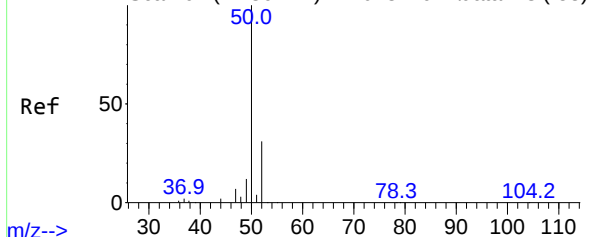
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Abundance Scan 61 (1.236 min): VV028129.D\data.ms (-53)



#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.233 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV028219.D

Acq: 30 Sep 2022 11:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK240

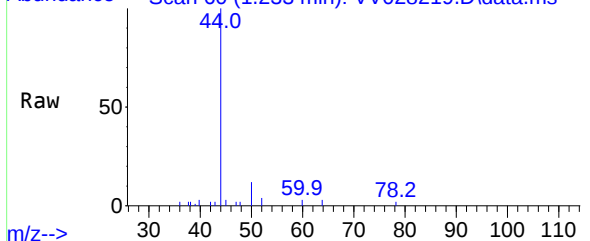
Tgt Ion: 50 Resp: 1147

Ion Ratio Lower Upper

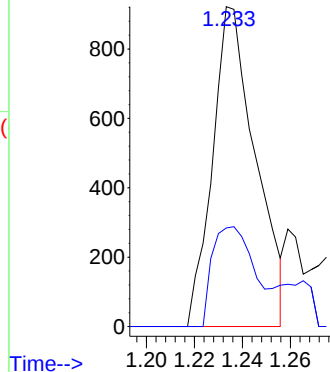
50 100

52 30.8 24.4 45.2

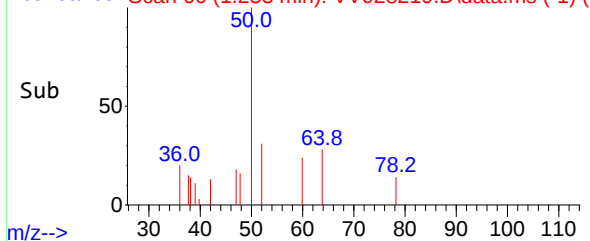
Abundance Scan 60 (1.233 min): VV028219.D\data.ms



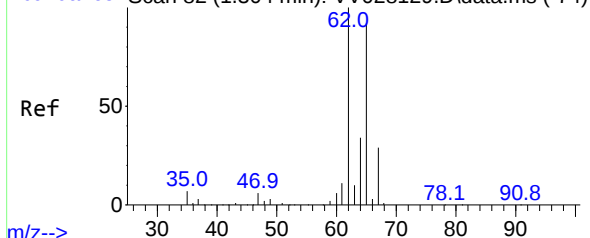
Abundance



Abundance Scan 60 (1.233 min): VV028219.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028129.D\data.ms (-74)



#5

Vinyl chloride

Concen: 0.060 ug/L

RT: 1.307 min Scan# 83

Delta R.T. 0.003 min

Lab File: VV028219.D

Acq: 30 Sep 2022 11:59

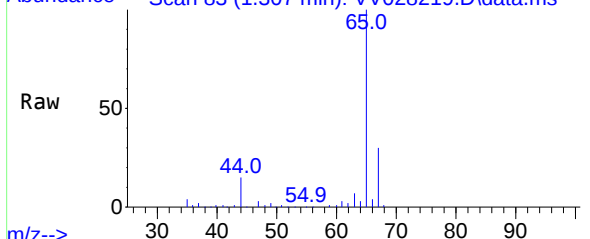
Tgt Ion: 62 Resp: 744

Ion Ratio Lower Upper

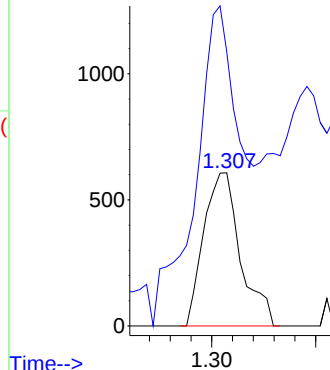
62 100

64 179.1 23.0 42.8#

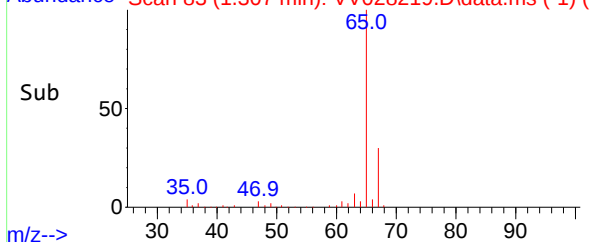
Abundance Scan 83 (1.307 min): VV028219.D\data.ms

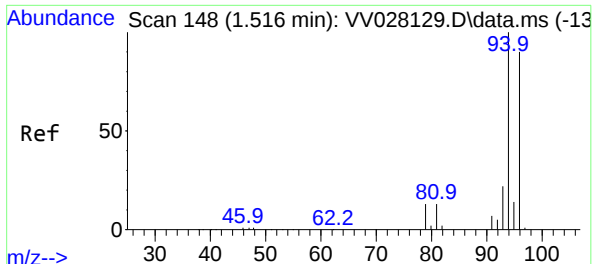


Abundance



Abundance Scan 83 (1.307 min): VV028219.D\data.ms (-1) (

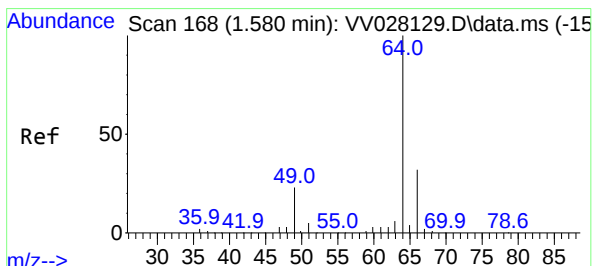
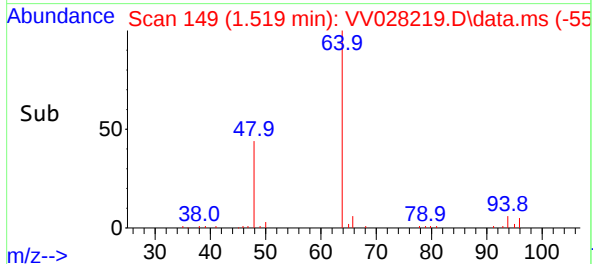
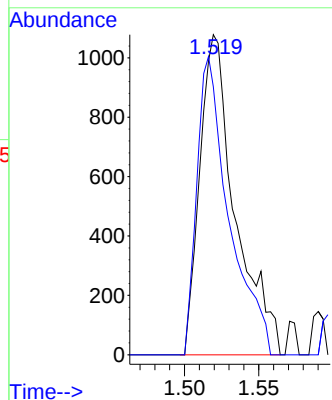
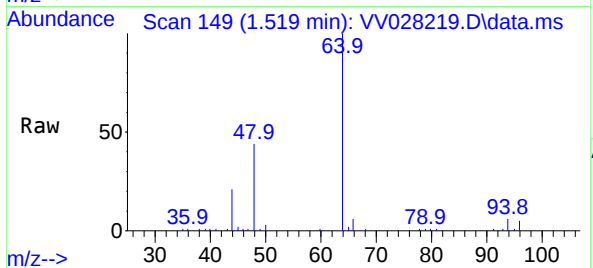




#6
Bromomethane
Concen: 0.221 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

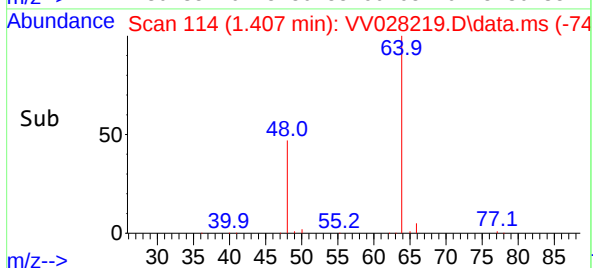
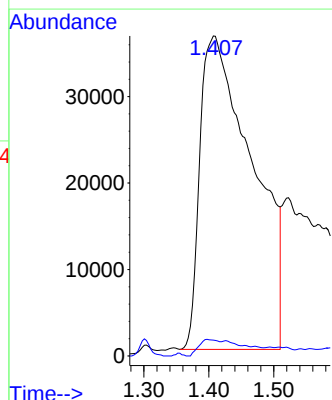
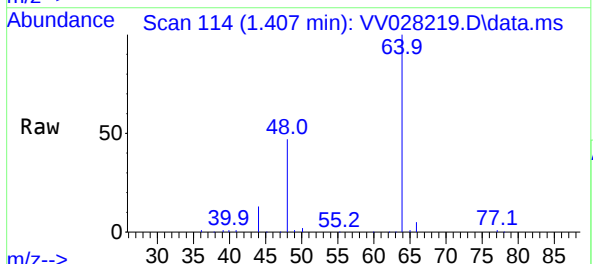
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

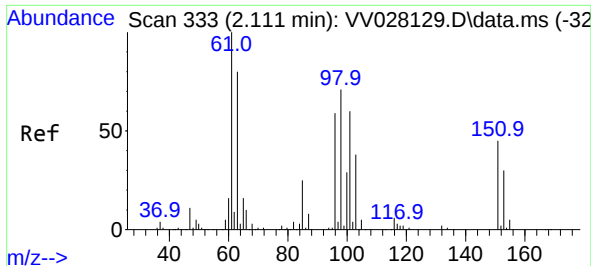
Tgt Ion: 94 Resp: 1789
Ion Ratio Lower Upper
94 100
96 83.8 66.7 123.9



#8
Chloroethane
Concen: 24.486 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.171 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

Tgt Ion: 64 Resp: 204309
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#

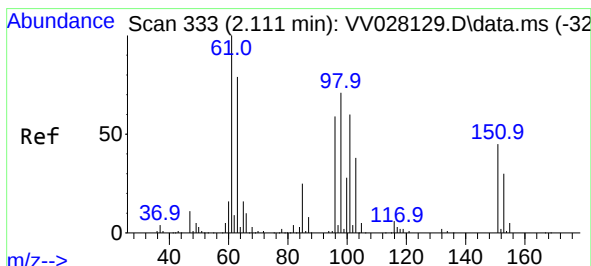
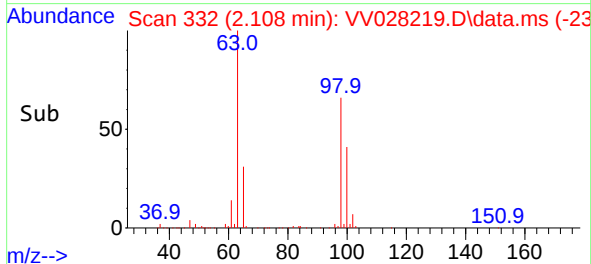
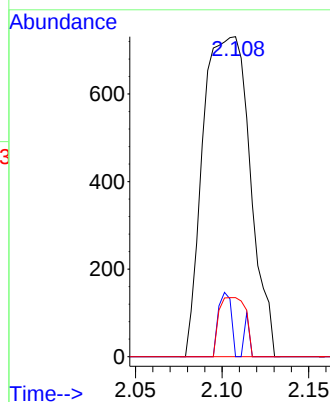
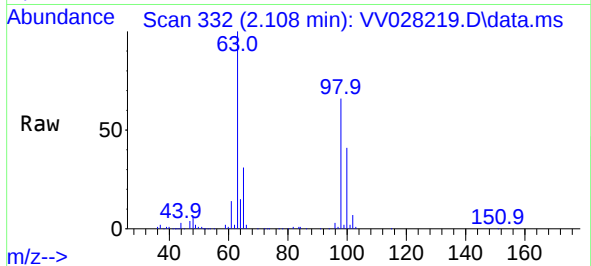




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.121 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

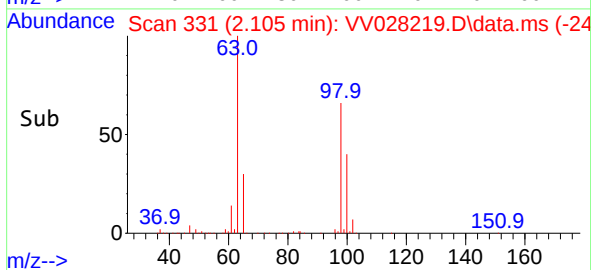
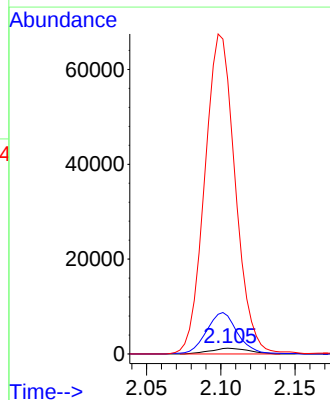
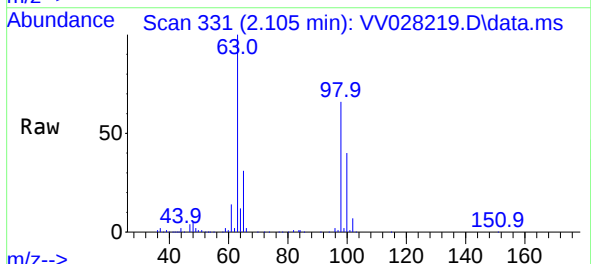
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

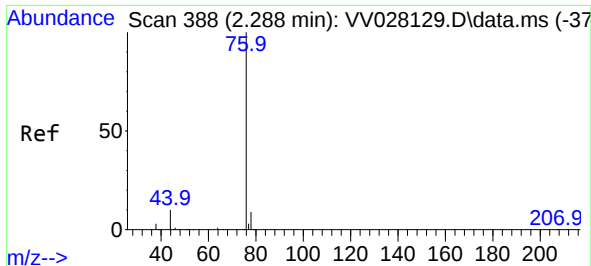
Tgt Ion:101 Resp: 1382
Ion Ratio Lower Upper
101 100
85 5.5 34.4 51.6#
151 10.3 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.195 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

Tgt Ion: 96 Resp: 2161
Ion Ratio Lower Upper
96 100
61 661.1 128.3 238.3#
63 4758.6 112.7 209.3#

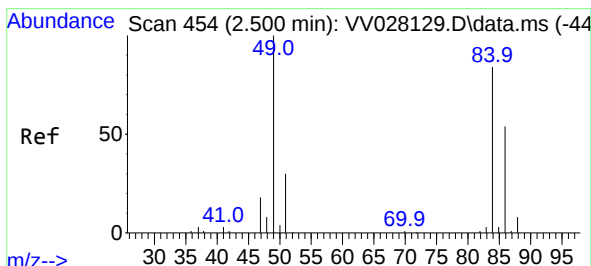
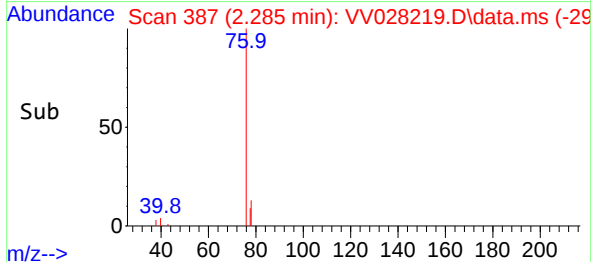
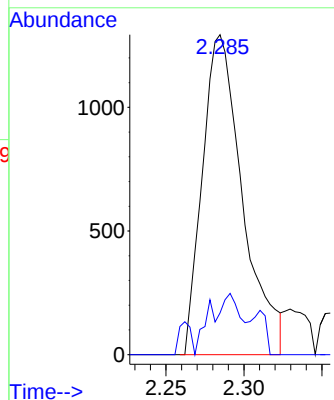
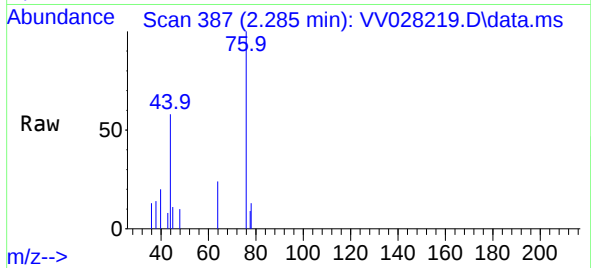




#14
Carbon disulfide
Concen: 0.109 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

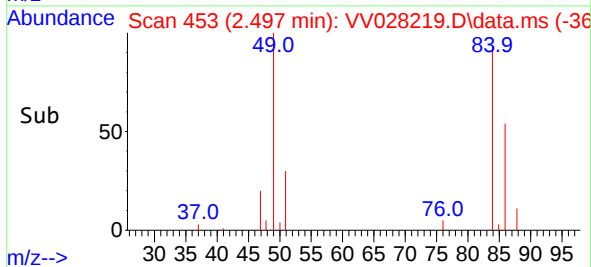
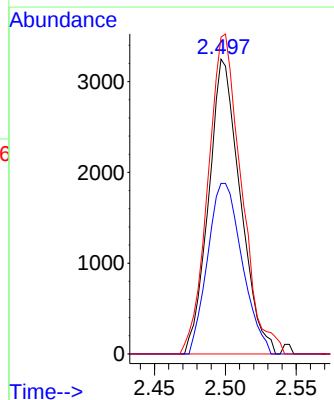
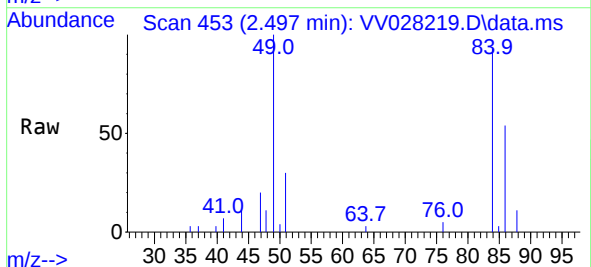
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

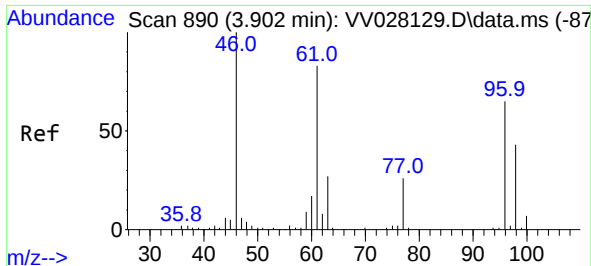
Tgt Ion: 76 Resp: 2314
Ion Ratio Lower Upper
76 100
78 13.1 7.6 11.4#



#16
Methylene chloride
Concen: 0.407 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

Tgt Ion: 84 Resp: 5038
Ion Ratio Lower Upper
84 100
86 57.9 46.8 86.8
49 107.5 87.5 162.5

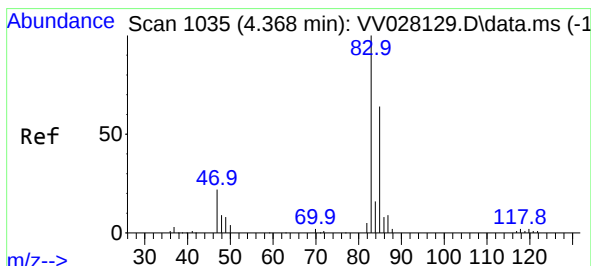
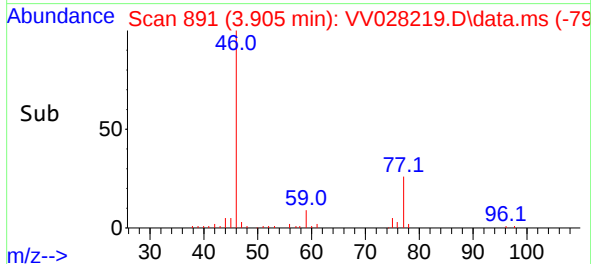
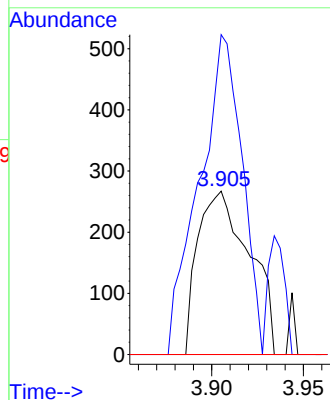
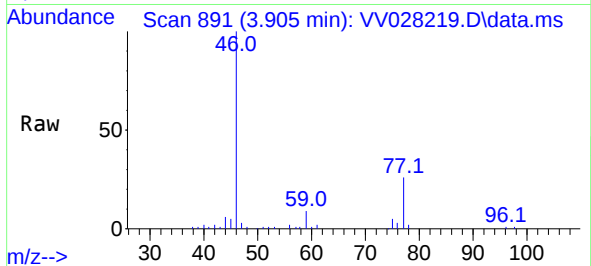




#22
cis-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028129.D
Acq: 30 Sep 2022 11:59

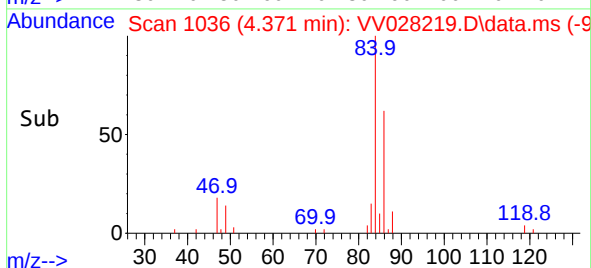
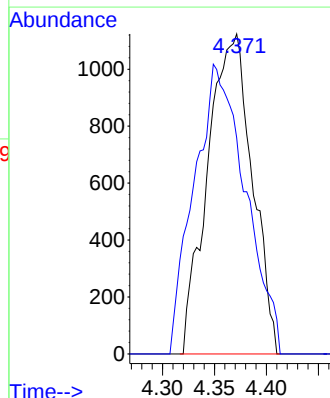
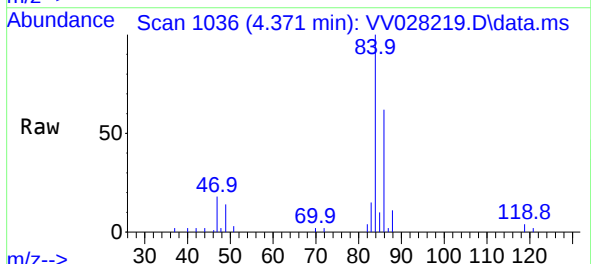
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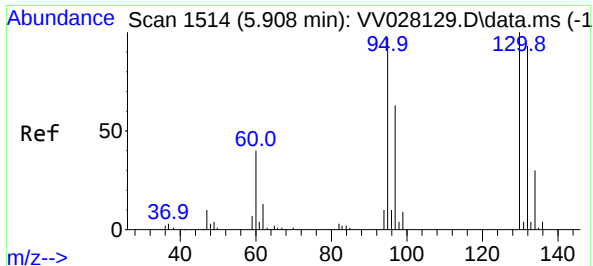
Tgt Ion: 96 Resp: 522
Ion Ratio Lower Upper
96 100
61 195.9 87.2 161.9#
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.147 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028129.D
Acq: 30 Sep 2022 11:59

Tgt Ion: 83 Resp: 3349
Ion Ratio Lower Upper
83 100
85 67.5 45.1 83.7



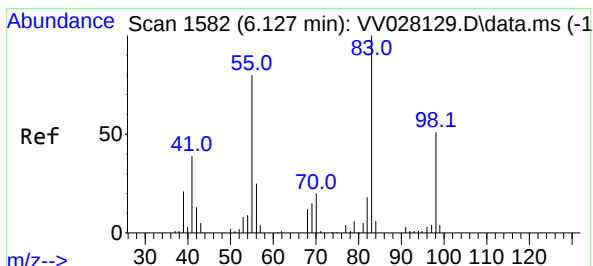
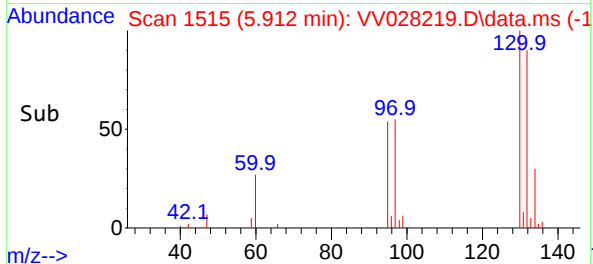
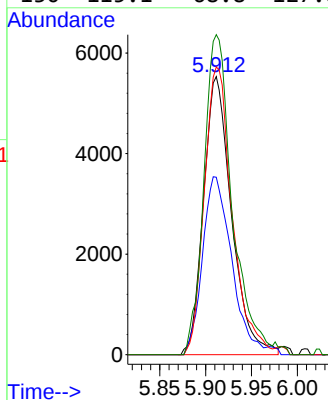
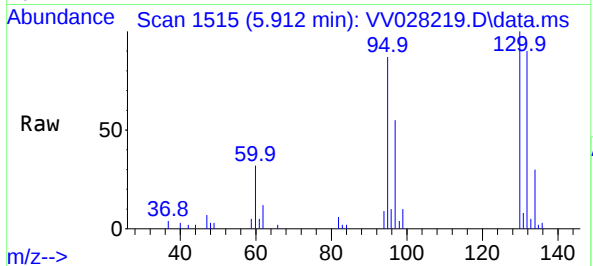


#34
 Trichloroethene
 Concen: 0.996 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV028219.D
 Acq: 30 Sep 2022 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

Tgt Ion: 95 Resp: 11772

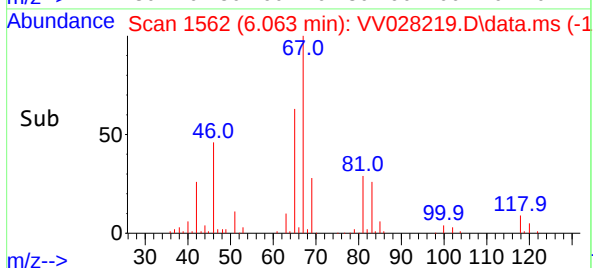
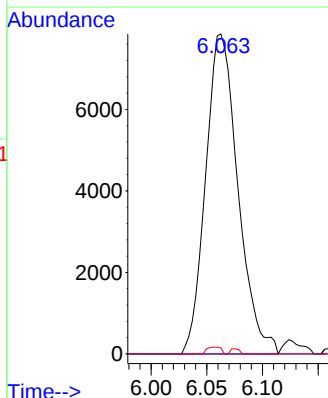
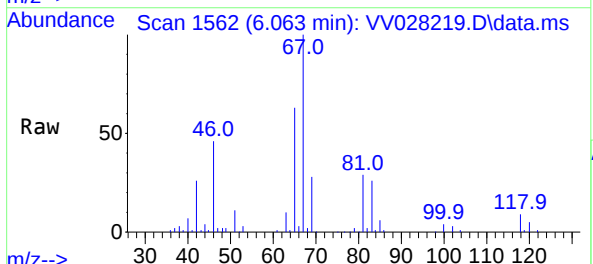
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.2	82.0
132	103.5	67.8	126.0
130	115.1	68.8	127.8

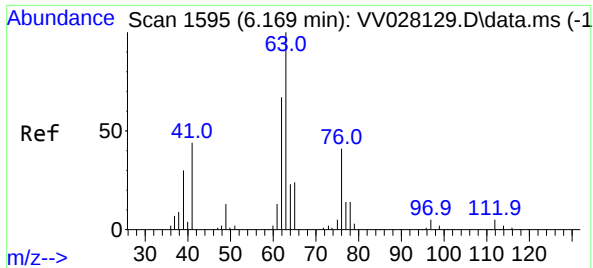


#35
 Methylcyclohexane
 Concen: 0.977 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.058 min
 Lab File: VV028219.D
 Acq: 30 Sep 2022 11:59

Tgt Ion: 83 Resp: 15843

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.9	39.5	59.3#

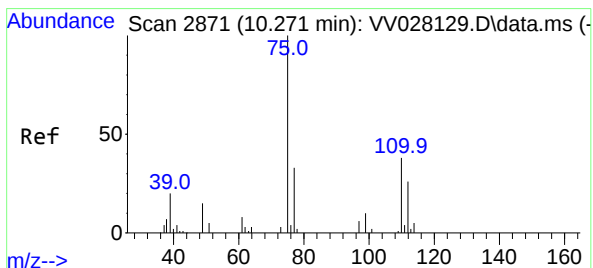
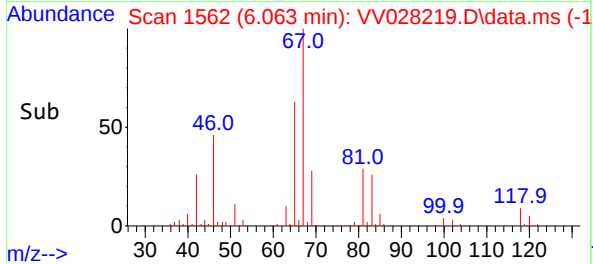
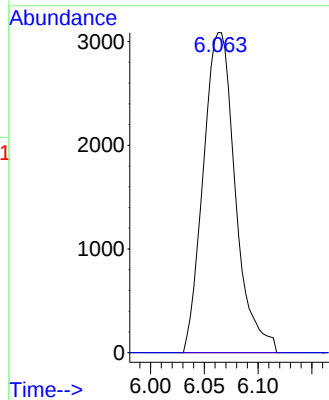
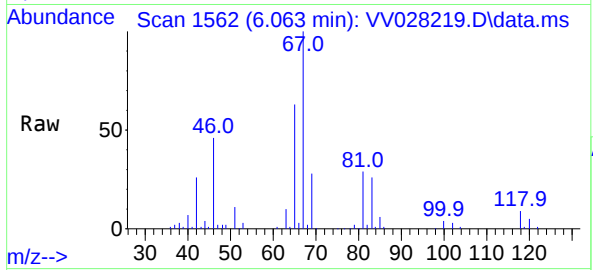




#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

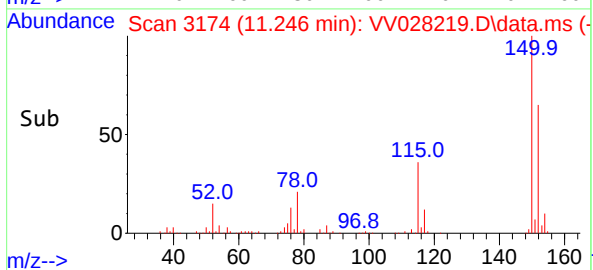
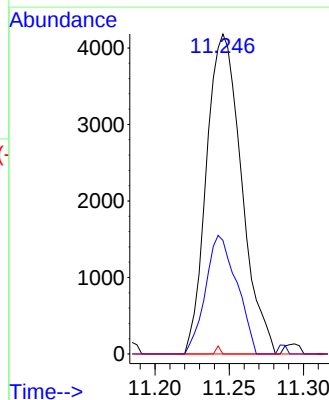
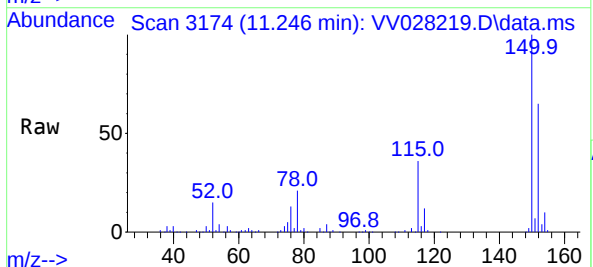
Instrument :
MSVOA_V
ClientSampleId :
VBLK240

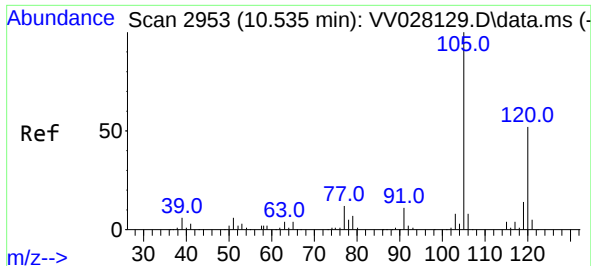
Tgt Ion: 63 Resp: 6410
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#61
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

Tgt Ion: 75 Resp: 6851
Ion Ratio Lower Upper
75 100
77 33.1 26.7 40.1
110 0.3 30.1 45.1#

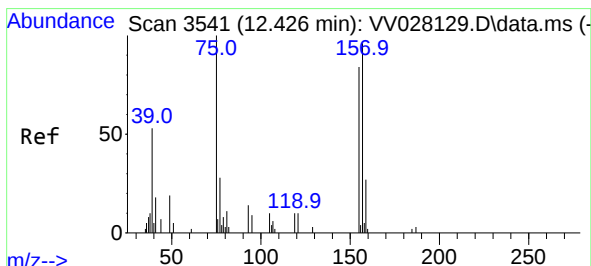
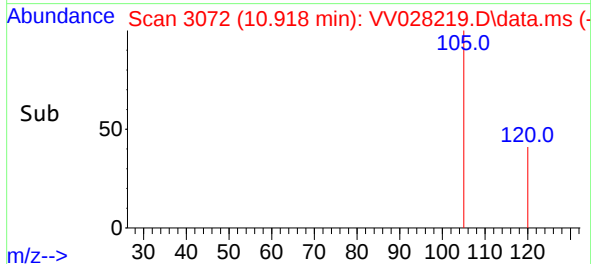
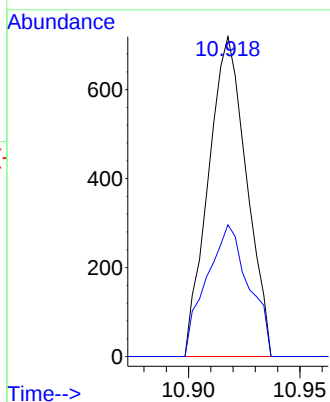
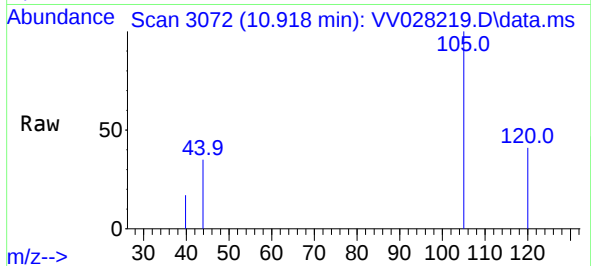




#62
 1,3,5-Trimethylbenzene
 Concen: 0.068 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.383 min
 Lab File: VV028219.D
 Acq: 30 Sep 2022 11:59

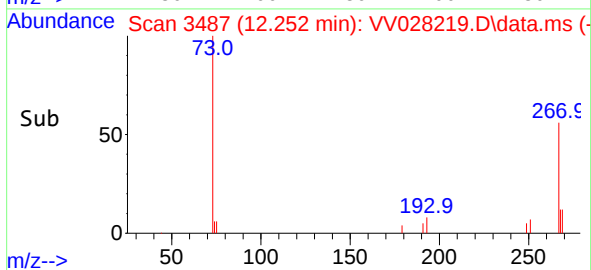
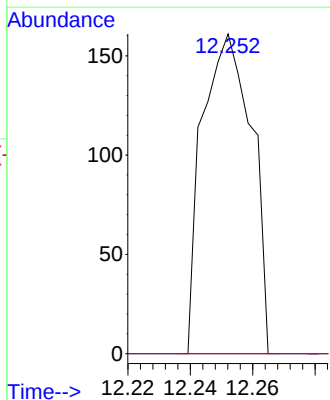
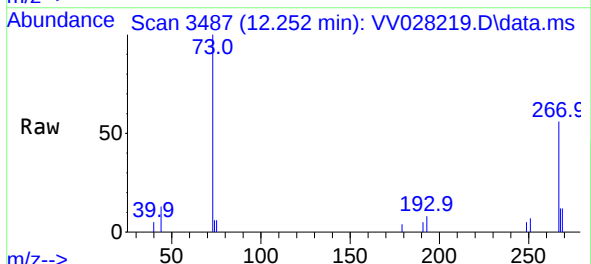
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240

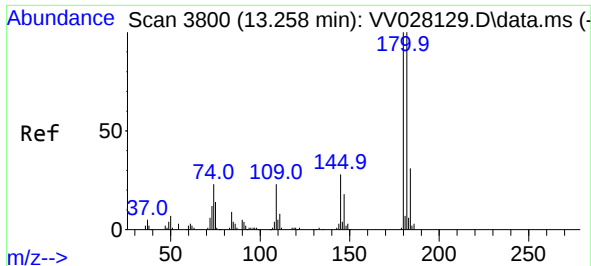
Tgt Ion:105 Resp: 857
 Ion Ratio Lower Upper
 105 100
 120 45.6 40.6 61.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.126 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.170 min
 Lab File: VV028219.D
 Acq: 30 Sep 2022 11:59

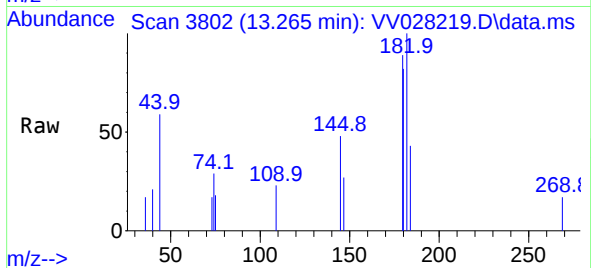
Tgt Ion: 75 Resp: 177
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#



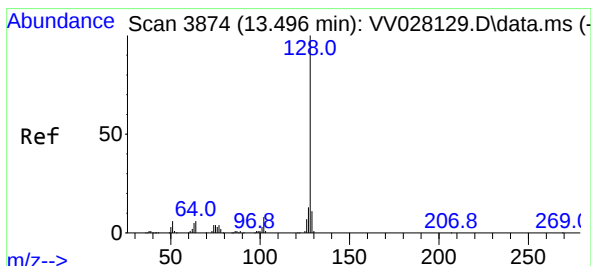
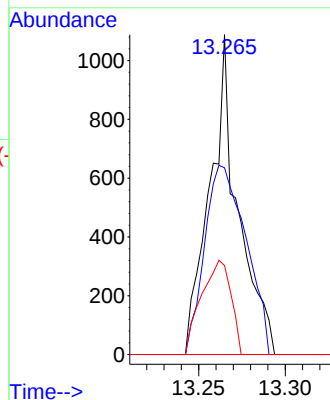
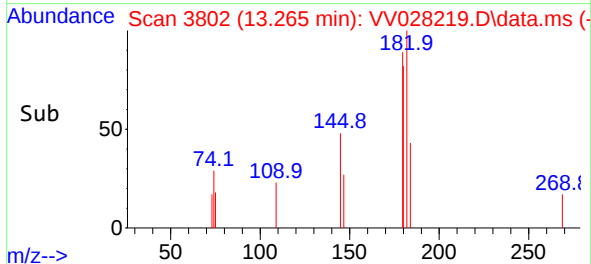


#70
1,2,4-trichlorobenzene
Concen: 0.087 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.010 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59

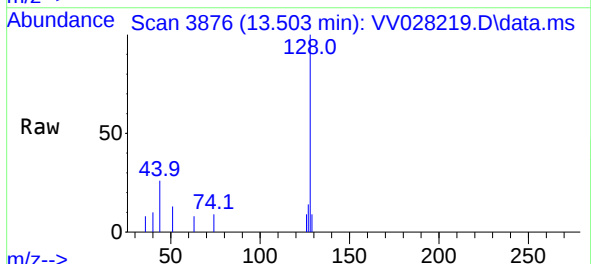
Instrument :
MSVOA_V
ClientSampleId :
VBLK240



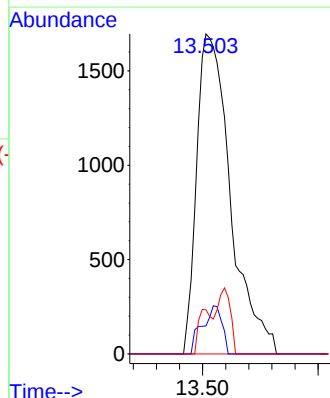
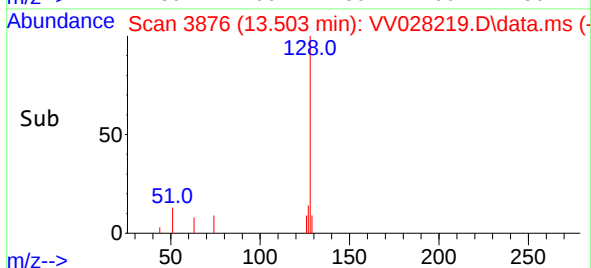
Tgt Ion:180	Resp:	1232
Ion Ratio	Lower	Upper
180	100	
182	86.8	76.3 114.5
145	30.8	22.9 34.3

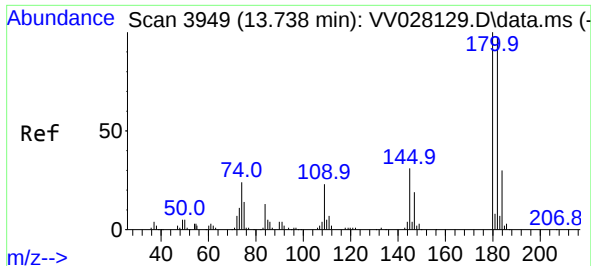


#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.006 min
Lab File: VV028219.D
Acq: 30 Sep 2022 11:59



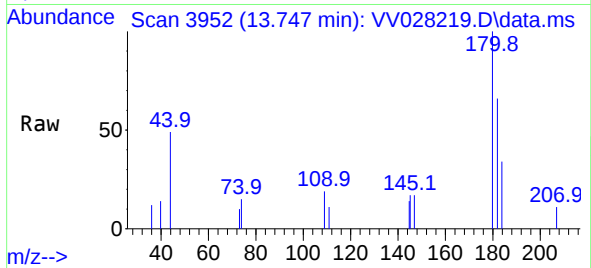
Tgt Ion:128	Resp:	3454
Ion Ratio	Lower	Upper
128	100	
129	0.0	8.2 12.2#
127	5.8	10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.124 ug/L
 RT: 13.747 min Scan# 3949
 Delta R.T. 0.006 min
 Lab File: VV028219.D
 Acq: 30 Sep 2022 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK240



Tgt Ion:	180	Resp:	1585
Ion	Ratio	Lower	Upper
180	100		
182	84.1	77.4	116.0
145	26.7	24.6	36.8

