

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029028.D
 Acq On : 16 Nov 2022 19:42
 Operator : SY/MD
 Sample : N5620-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB6

Quant Time: Nov 17 02:56:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

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

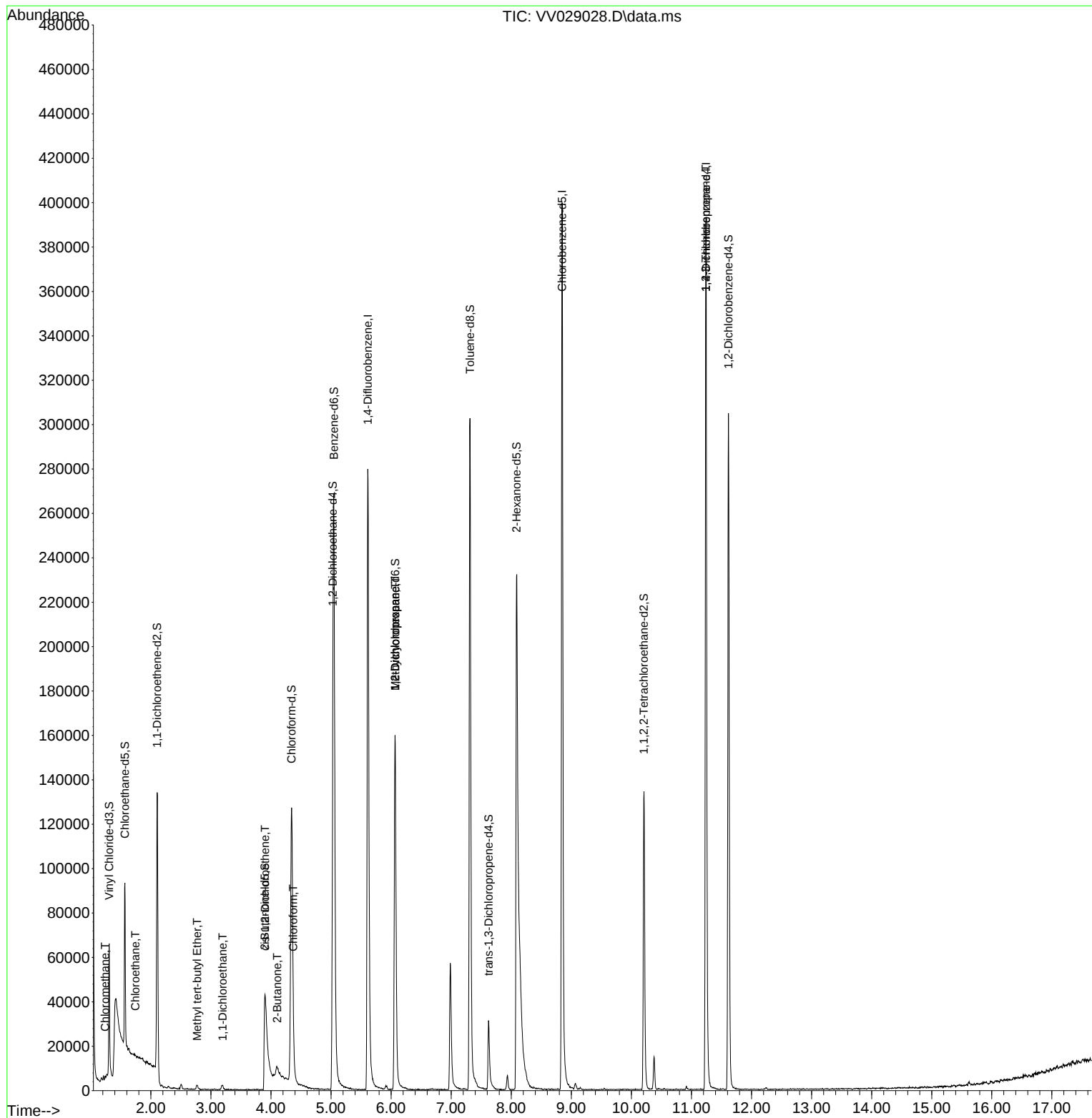
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	270319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40911	2.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.568	69	47009	3.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.800%#
11) 1,1-Dichloroethene-d2	2.105	63	61623	2.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	41.000%#
20) 2-Butanone-d5	3.899	46	102197	37.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.100%
24) Chloroform-d	4.342	84	139202	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.031	65	65978	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.047	84	260803	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.066	67	83893	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.313	98	218610	3.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	7.622	79	21664	3.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.088	63	133190	45.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68775	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	88555	4.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1273	0.068	ug/L	89
8) Chloroethane	1.741	64	1266	0.101	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	2159	0.062	ug/L	98
19) 1,1-Dichloroethane	3.195	63	2547	0.082	ug/L	89
21) 2-Butanone	4.105	43	12082	4.398	ug/L #	51
22) cis-1,2-Dichloroethene	3.902	96	524	0.027	ug/L	94
25) Chloroform	4.371	83	4456	0.137	ug/L #	66
35) Methylcyclohexane	6.066	83	20880	0.606	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	8834	0.500	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11149	1.398	ug/L #	63

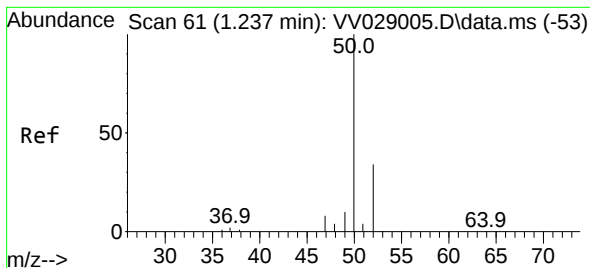
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.068 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029028.D

Acq: 16 Nov 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

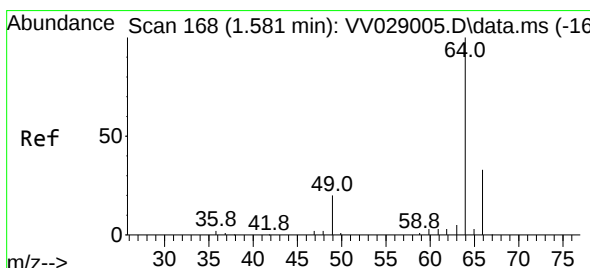
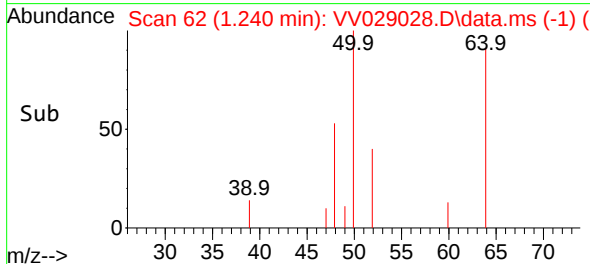
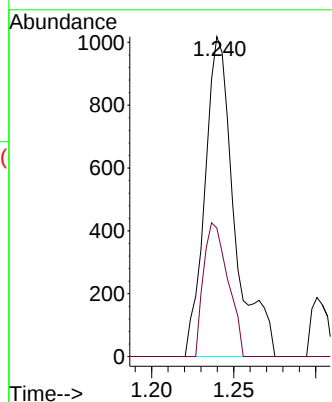
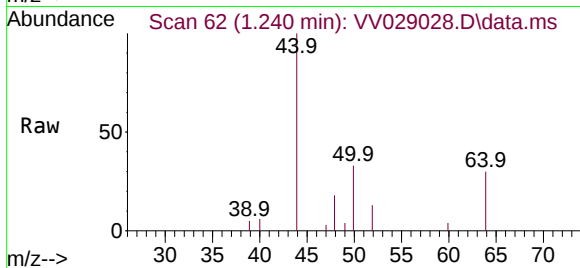
BGCB6

Tgt Ion: 50 Resp: 1273

Ion Ratio Lower Upper

50 100

52 40.2 23.7 43.9



#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.741 min Scan# 218

Delta R.T. 0.161 min

Lab File: VV029028.D

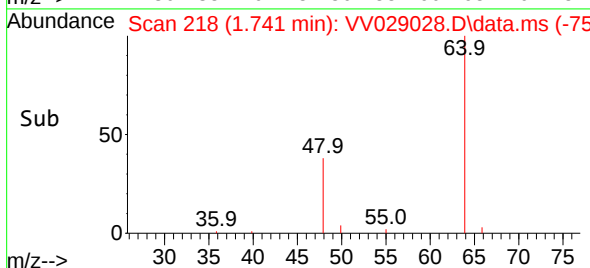
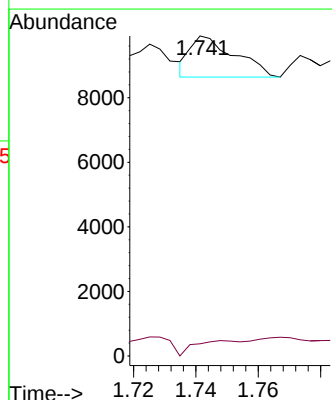
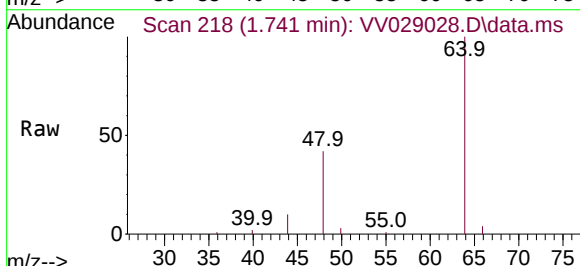
Acq: 16 Nov 2022 19:42

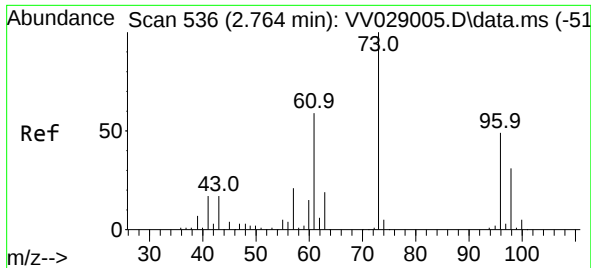
Tgt Ion: 64 Resp: 1266

Ion Ratio Lower Upper

64 100

66 3.8 22.0 40.8#

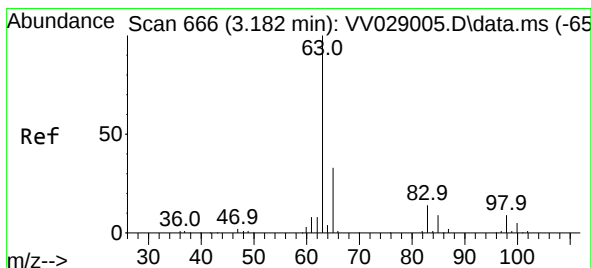
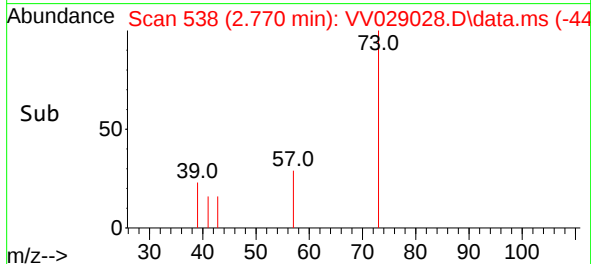
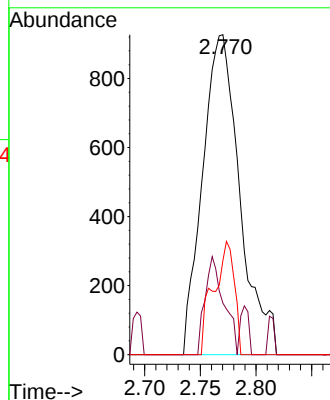
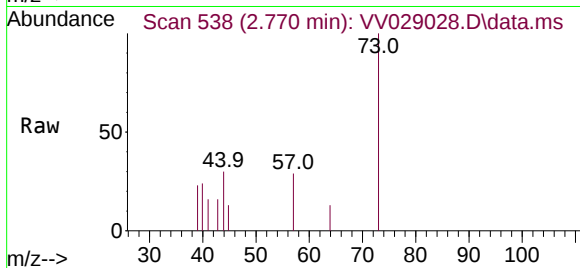




#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

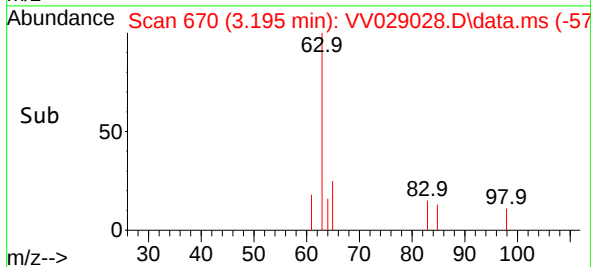
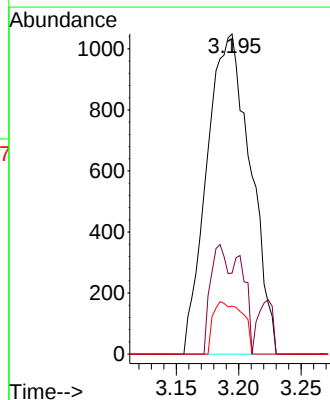
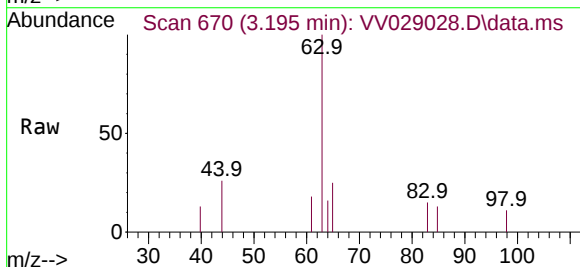
Instrument :
MSVOA_V
ClientSampleId :
BGCB6

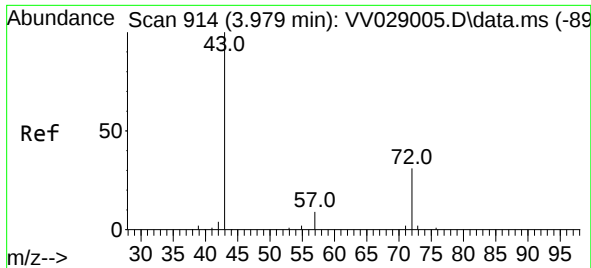
Tgt Ion: 73	Resp:	2159	
Ion	Ratio	Lower	Upper
73	100		
43	15.4	13.0	19.4
57	19.7	16.6	24.8



#19
1,1-Dichloroethane
Concen: 0.082 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.013 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

Tgt Ion: 63	Resp:	2547	
Ion	Ratio	Lower	Upper
63	100		
65	25.3	23.0	42.6
83	15.0	9.4	17.6

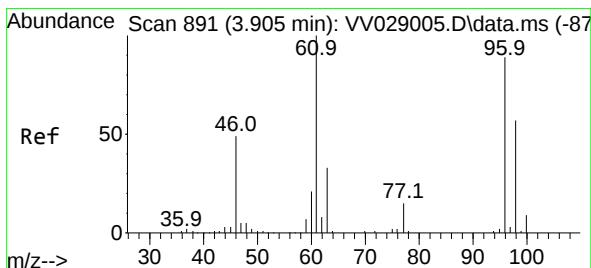
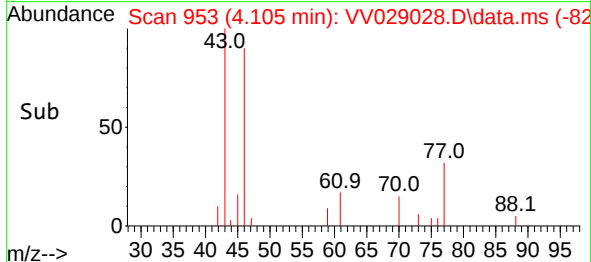
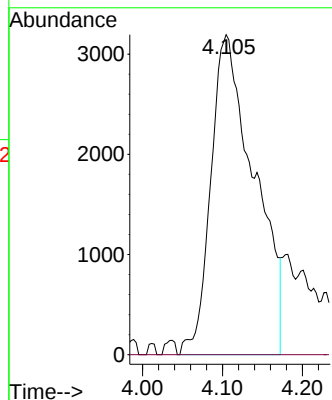
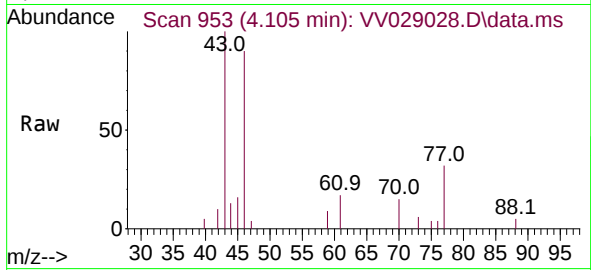




#21
2-Butanone
Concen: 4.398 ug/L
RT: 4.105 min Scan# 914
Delta R.T. 0.125 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

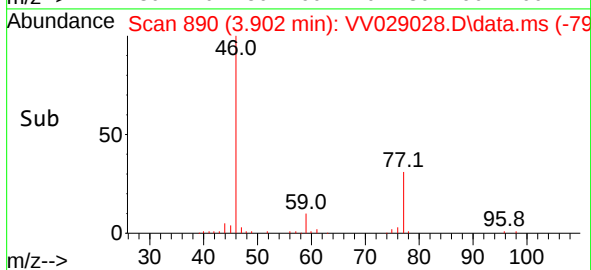
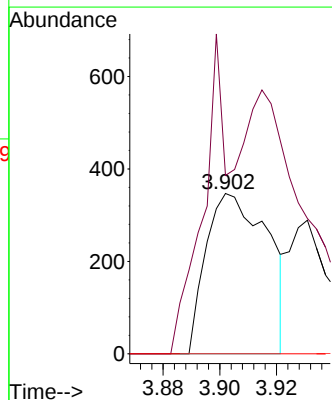
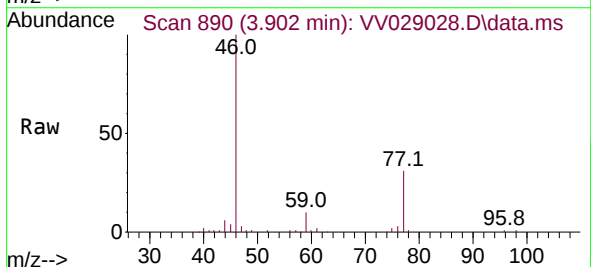
Instrument :
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ClientSampleId :
BGCB6

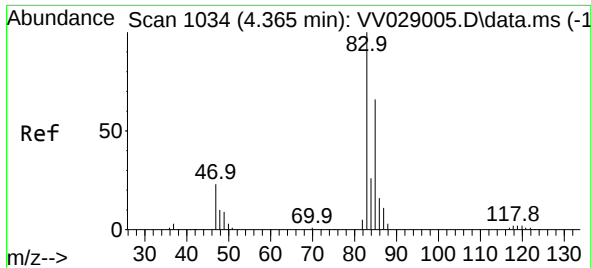
Tgt Ion: 43 Resp: 12082
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 0.027 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

Tgt Ion: 96 Resp: 524
Ion Ratio Lower Upper
96 100
61 111.2 82.3 152.9
68 0.0 0.0 0.0

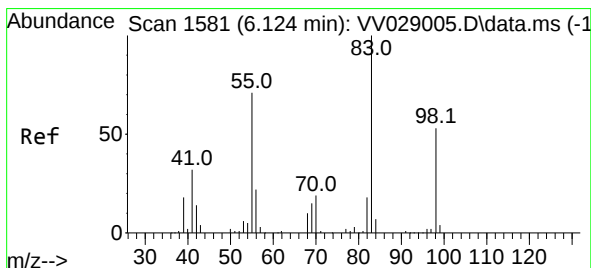
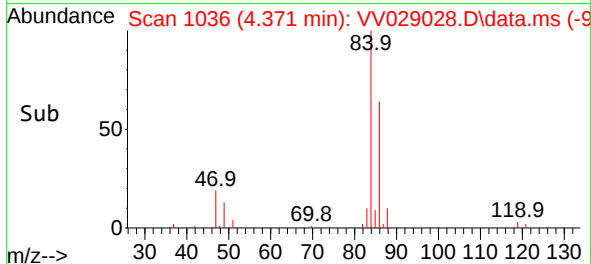
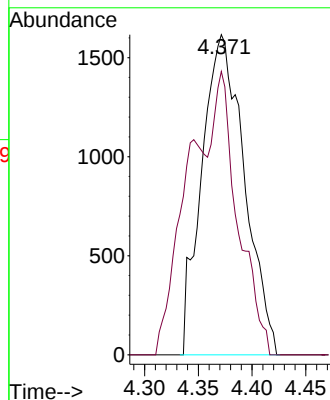
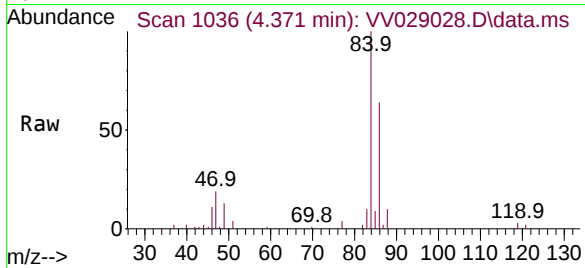




#25
Chloroform
Concen: 0.137 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

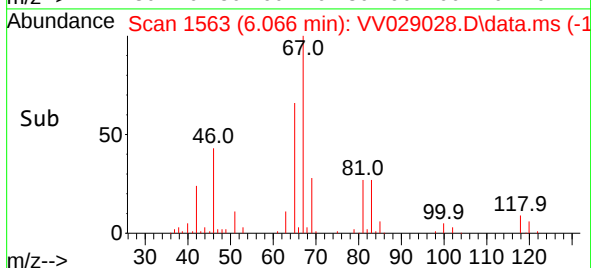
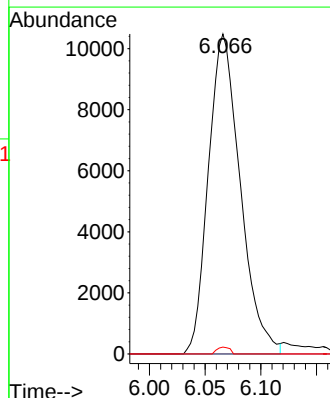
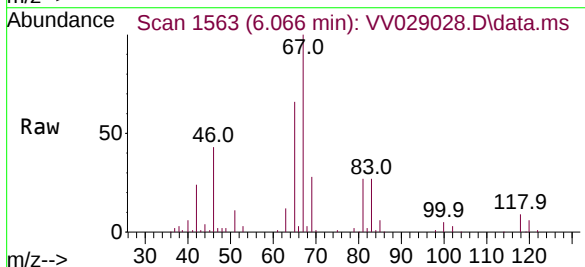
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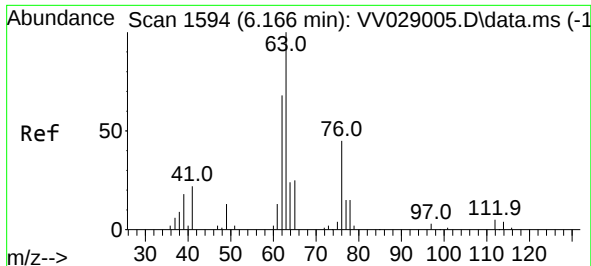
Tgt Ion: 83 Resp: 4456
Ion Ratio Lower Upper
83 100
85 88.5 43.7 81.1#



#35
Methylcyclohexane
Concen: 0.606 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029028.D
Acq: 16 Nov 2022 19:42

Tgt Ion: 83 Resp: 20880
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029028.D

Acq: 16 Nov 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

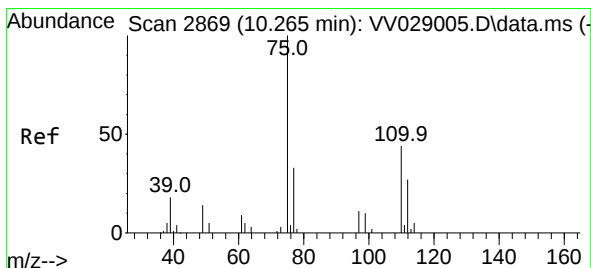
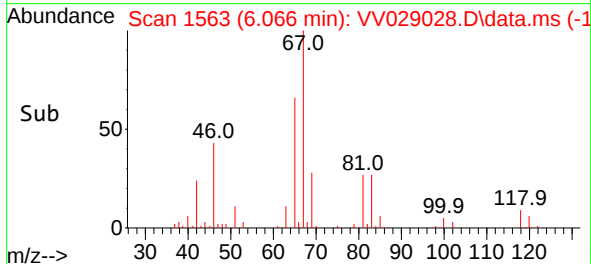
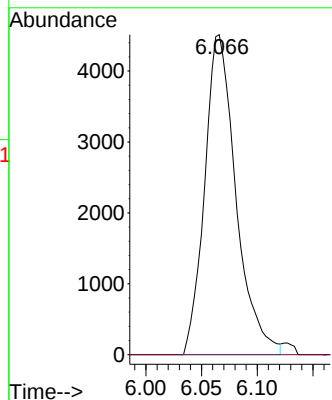
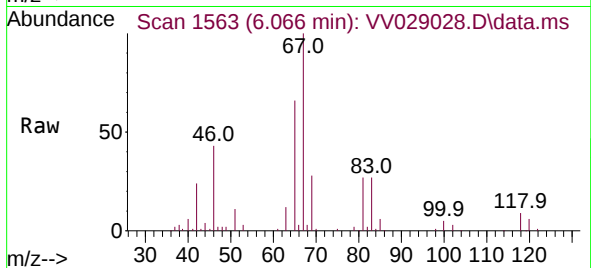
BGCB6

Tgt Ion: 63 Resp: 8834

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.398 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029028.D

Acq: 16 Nov 2022 19:42

Tgt Ion: 75 Resp: 11149

Ion Ratio Lower Upper

75 100

77 34.6 26.2 39.2

110 1.2 32.6 48.8#

