

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029016.D
 Acq On : 16 Nov 2022 14:54
 Operator : SY/MD
 Sample : N5620-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCA4

Quant Time: Nov 17 02:53:24 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)

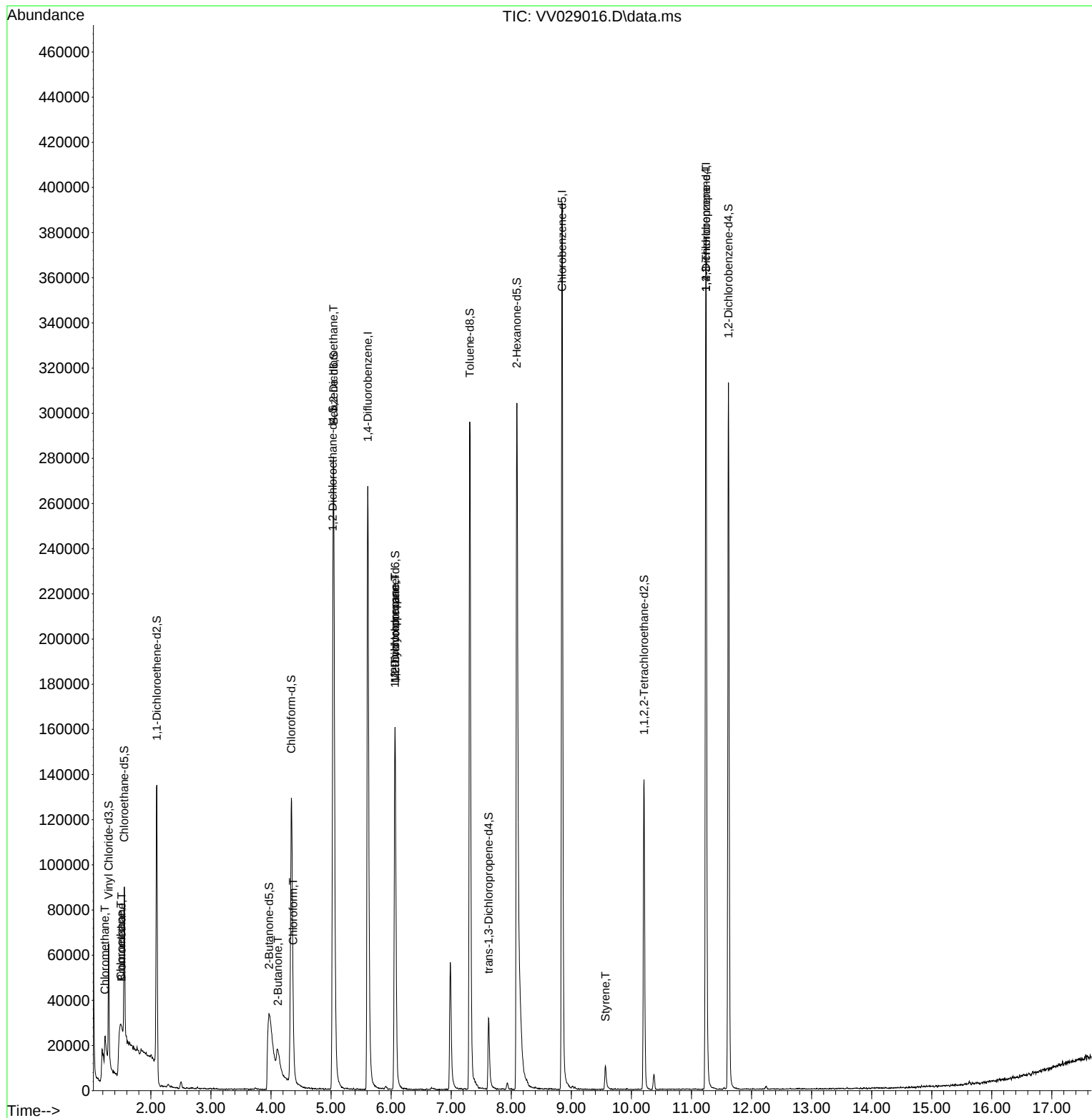
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	255563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	235707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	109578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	36085	2.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.400%
7) Chloroethane-d5	1.558	69	42341	3.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.800%#
11) 1,1-Dichloroethene-d2	2.098	63	62296	2.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.800%#
20) 2-Butanone-d5	3.969	46	134829	51.696	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	4.339	84	137456	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.030	65	65438	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.043	84	262023	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.066	67	84418	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.310	98	215698	3.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.622	79	21907	3.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.091	63	135286	49.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.920%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68816	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	89285	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1304	0.074	ug/L	83
6) Bromomethane	1.513	94	686	0.057	ug/L	71
8) Chloroethane	1.500	64	59564	5.026	ug/L #	53
21) 2-Butanone	4.114	43	13286	5.115	ug/L #	51
25) Chloroform	4.368	83	5441	0.177	ug/L	94
27) 1,2-Dichloroethane	5.040	62	1225	0.077	ug/L #	70
35) Methylcyclohexane	6.066	83	21095	0.651	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9294	0.560	ug/L #	85
55) Styrene	9.567	104	6583	0.128	ug/L	91
61) 1,2,3-Trichloropropane	11.242	75	11256	1.503	ug/L #	65

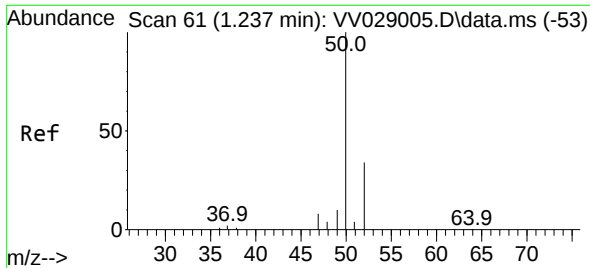
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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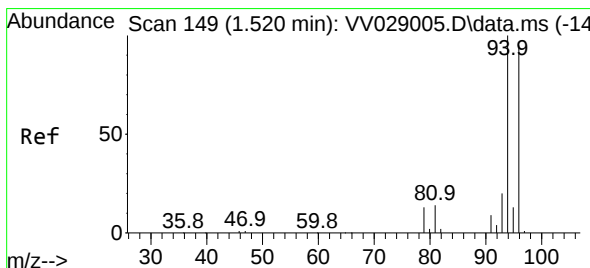
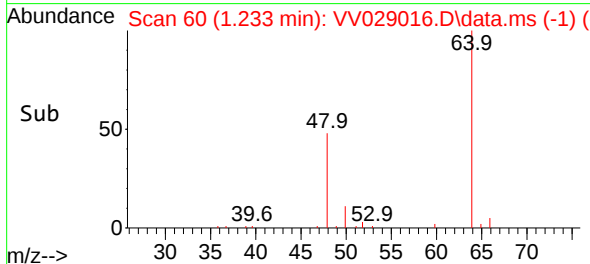
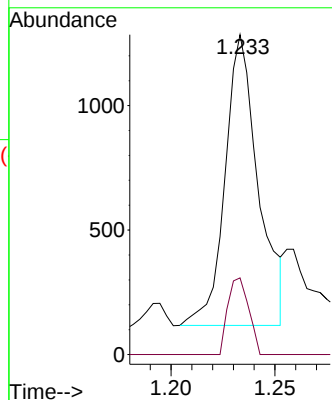
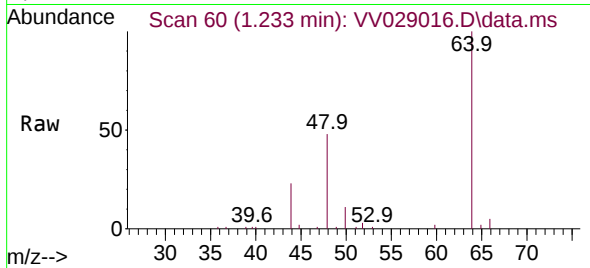




#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV029016.D
Acq: 16 Nov 2022 14:54

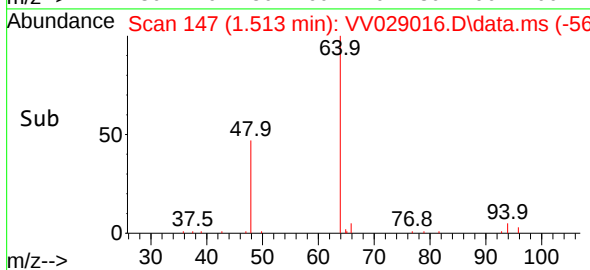
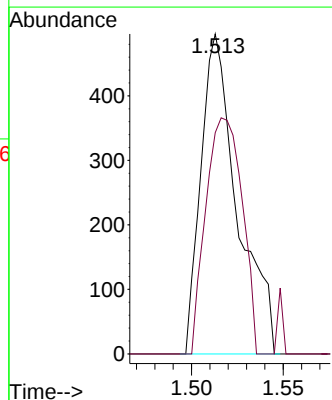
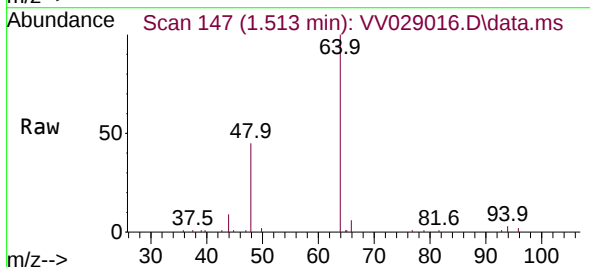
Instrument :
MSVOA_V
ClientSampleId :
BGCA4

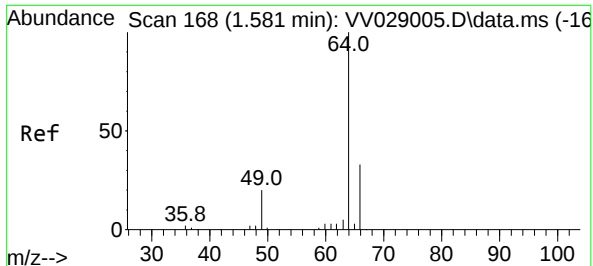
Tgt Ion: 50 Resp: 1304
Ion Ratio Lower Upper
50 100
52 24.0 23.7 43.9



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.513 min Scan# 147
Delta R.T. -0.007 min
Lab File: VV029016.D
Acq: 16 Nov 2022 14:54

Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 69.2 68.5 127.3

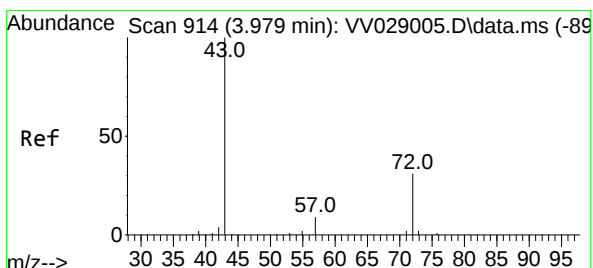
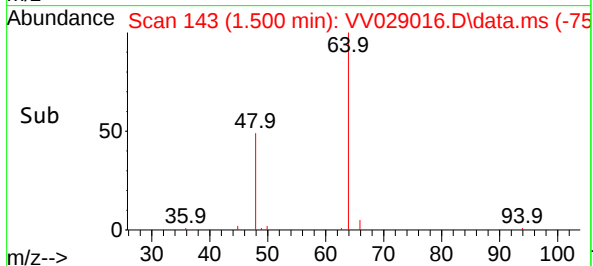
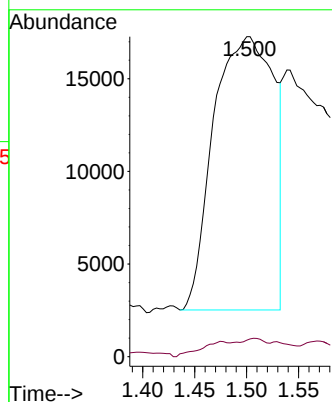
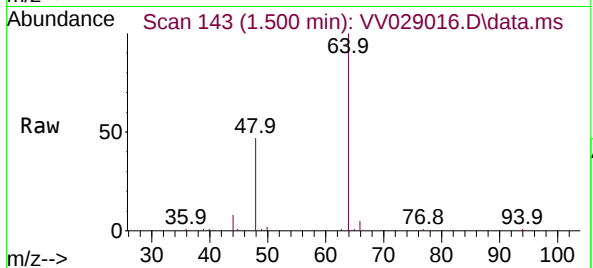




#8
Chloroethane
Concen: 5.026 ug/L
RT: 1.500 min Scan# 14
Delta R.T. -0.081 min
Lab File: VV029016.D
Acq: 16 Nov 2022 14:54

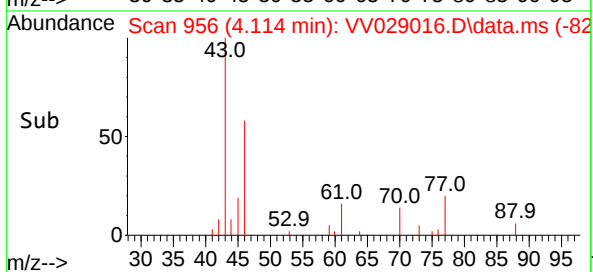
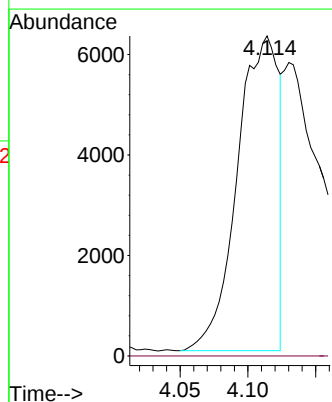
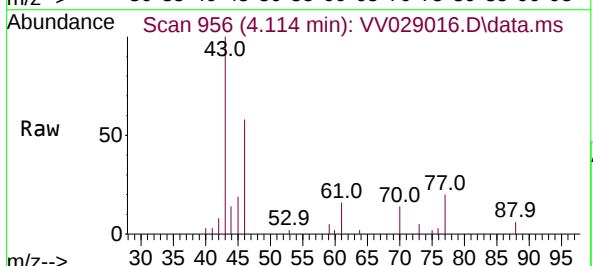
Instrument :
MSVOA_V
ClientSampleId :
BGCA4

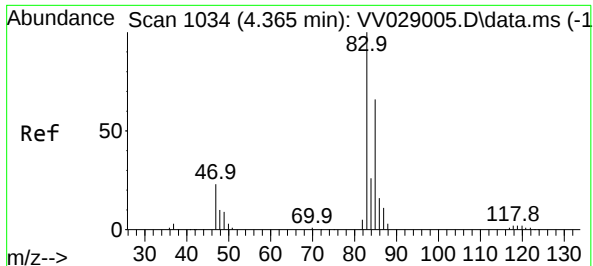
Tgt Ion: 64 Resp: 59564
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#



#21
2-Butanone
Concen: 5.115 ug/L
RT: 4.114 min Scan# 956
Delta R.T. 0.135 min
Lab File: VV029016.D
Acq: 16 Nov 2022 14:54

Tgt Ion: 43 Resp: 13286
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#





#25

Chloroform

Concen: 0.177 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029016.D

Acq: 16 Nov 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

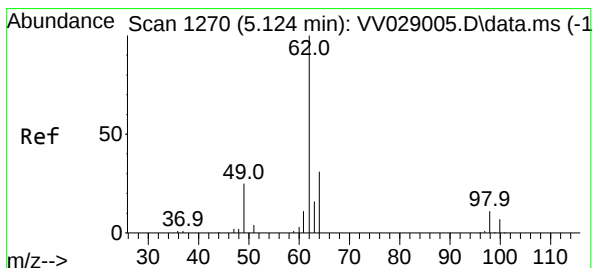
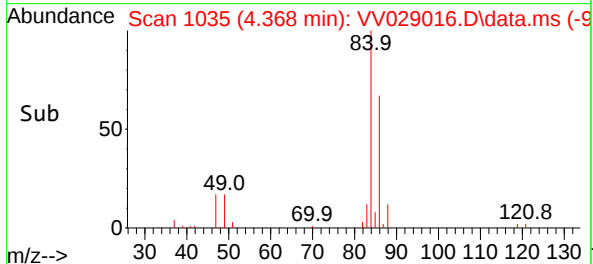
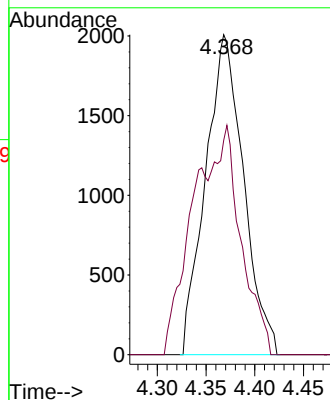
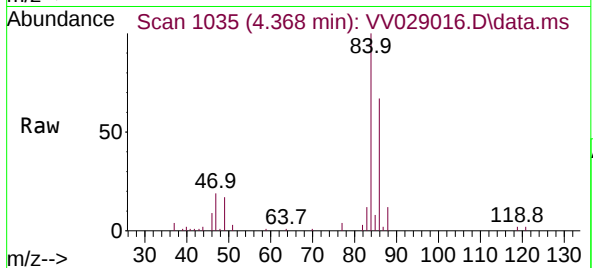
BGCA4

Tgt Ion: 83 Resp: 5441

Ion Ratio Lower Upper

83 100

85 67.0 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.077 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.084 min

Lab File: VV029016.D

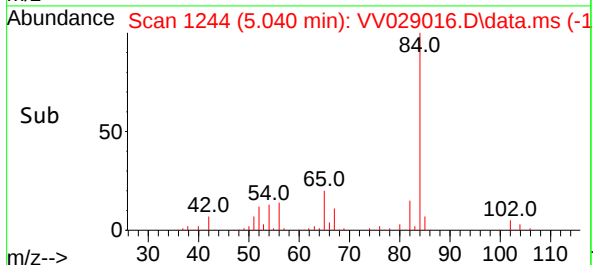
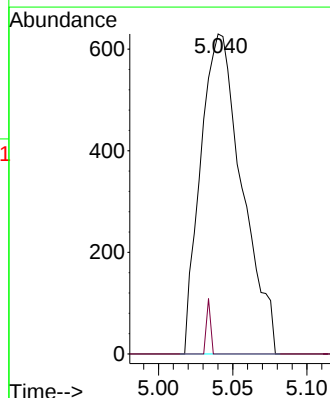
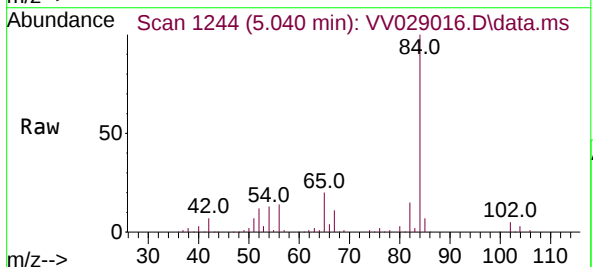
Acq: 16 Nov 2022 14:54

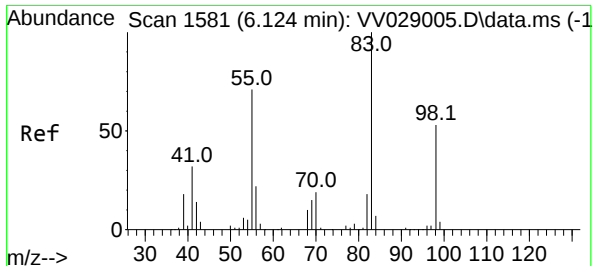
Tgt Ion: 62 Resp: 1225

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#35

Methylcyclohexane

Concen: 0.651 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029016.D

Acq: 16 Nov 2022 14:54

Instrument :

MSVOA_V

ClientSampleId :

BGCA4

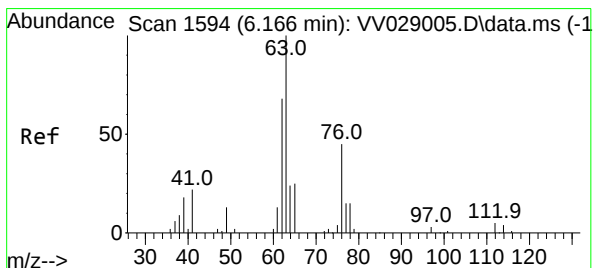
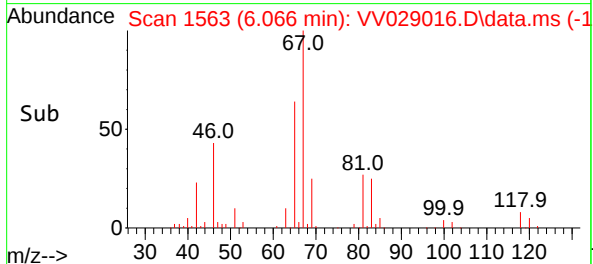
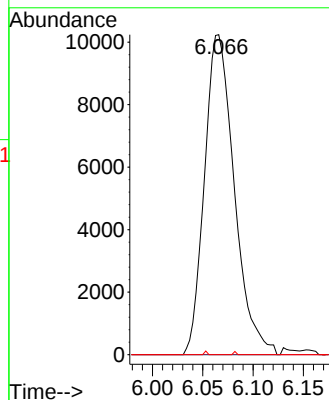
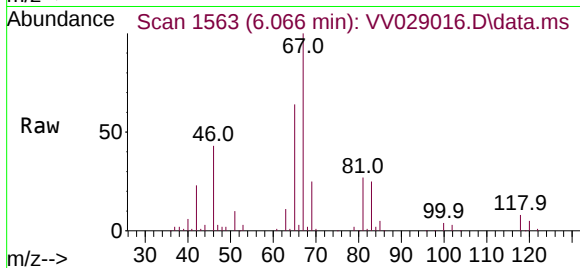
Tgt Ion: 83 Resp: 21095

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029016.D

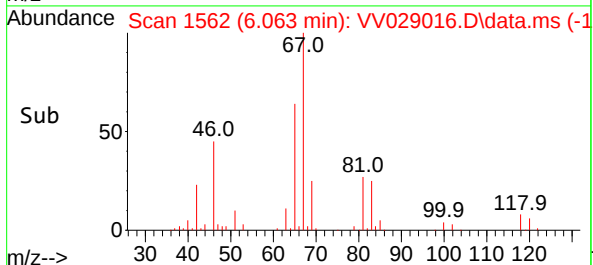
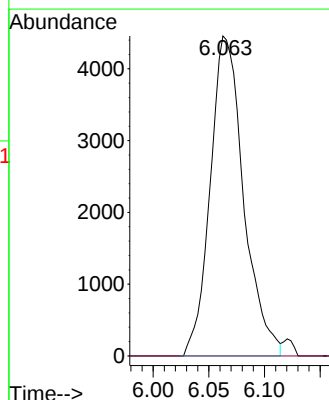
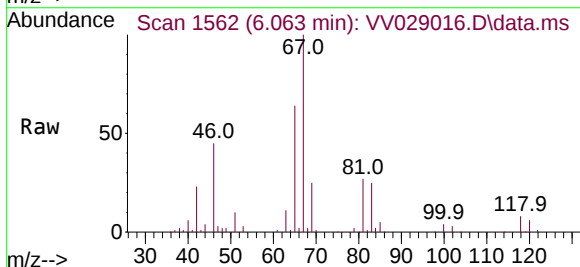
Acq: 16 Nov 2022 14:54

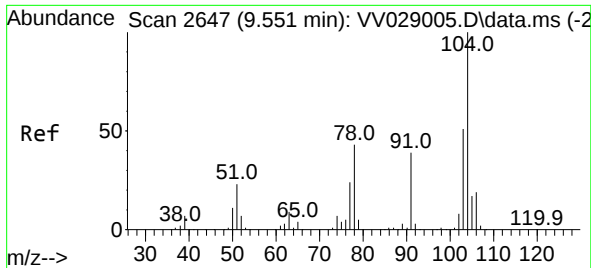
Tgt Ion: 63 Resp: 9294

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

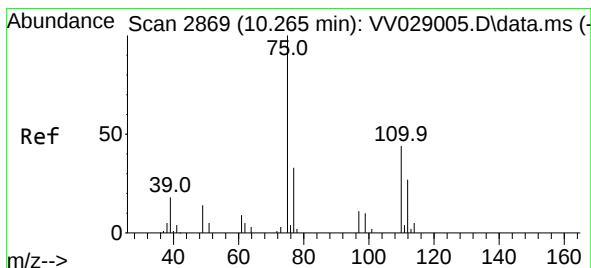
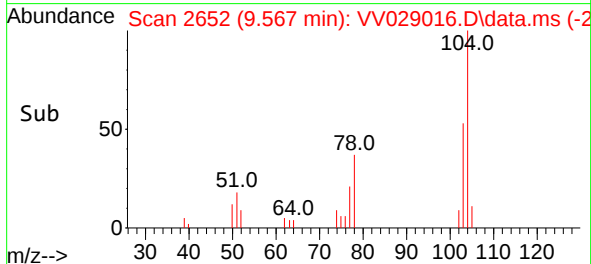
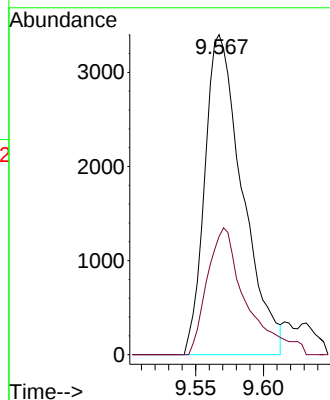
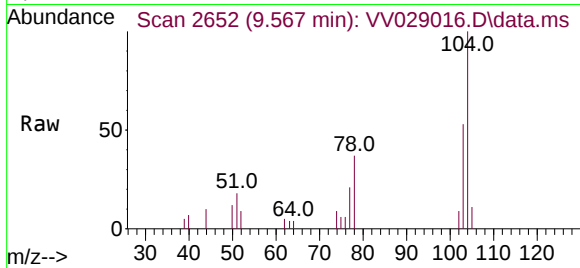




#55
Styrene
Concen: 0.128 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.016 min
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Tgt Ion:104 Resp: 6583
Ion Ratio Lower Upper
104 100
78 36.9 30.1 55.9



#61
1,2,3-Trichloropropane
Concen: 1.503 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV029016.D
Acq: 16 Nov 2022 14:54

Tgt Ion: 75 Resp: 11256
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 1.9 32.6 48.8#

