

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029035.D
 Acq On : 16 Nov 2022 22:58
 Operator : SY/MD
 Sample : N5604-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Quant Time: Nov 17 05:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	256758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	234190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	108278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76912	4.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	59747	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.104	63	102452	3.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.895	46	93709	35.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.520%
24) Chloroform-d	4.342	84	162071	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.030	65	73684	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.046	84	345220	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	99002	5.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.310	98	319718	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.622	79	32814	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	125279	46.102	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70339	5.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	115692	5.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2047	0.115	ug/L	91
5) Vinyl chloride	1.310	62	9825	0.485	ug/L #	1
6) Bromomethane	1.523	94	1123	0.093	ug/L	91
8) Chloroethane	1.413	64	172954	14.526	ug/L #	53
12) 1,1-Dichloroethene	2.111	96	1299	0.084	ug/L #	1
14) Carbon disulfide	2.294	76	3290	0.060	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	30227	0.907	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	12791	0.710	ug/L	94
19) 1,1-Dichloroethane	3.188	63	2136	0.072	ug/L #	89
22) cis-1,2-Dichloroethene	3.905	96	88014	4.802	ug/L	96
34) Trichloroethene	5.911	95	80996	4.421	ug/L	97
35) Methylcyclohexane	6.066	83	25305	0.786	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10587	0.642	ug/L #	85
47) Tetrachloroethene	7.976	164	823	0.056	ug/L	90
49) Dibromochloromethane	7.969	129	698	0.053	ug/L #	10
53) m,p-Xylene	9.143	106	3106	0.097	ug/L	92
61) 1,2,3-Trichloropropane	11.239	75	10679	1.443	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.914	105	2430	0.041	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029035.D
Acq On : 16 Nov 2022 22:58
Operator : SY/MD
Sample : N5604-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E4

Quant Time: Nov 17 05:35:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

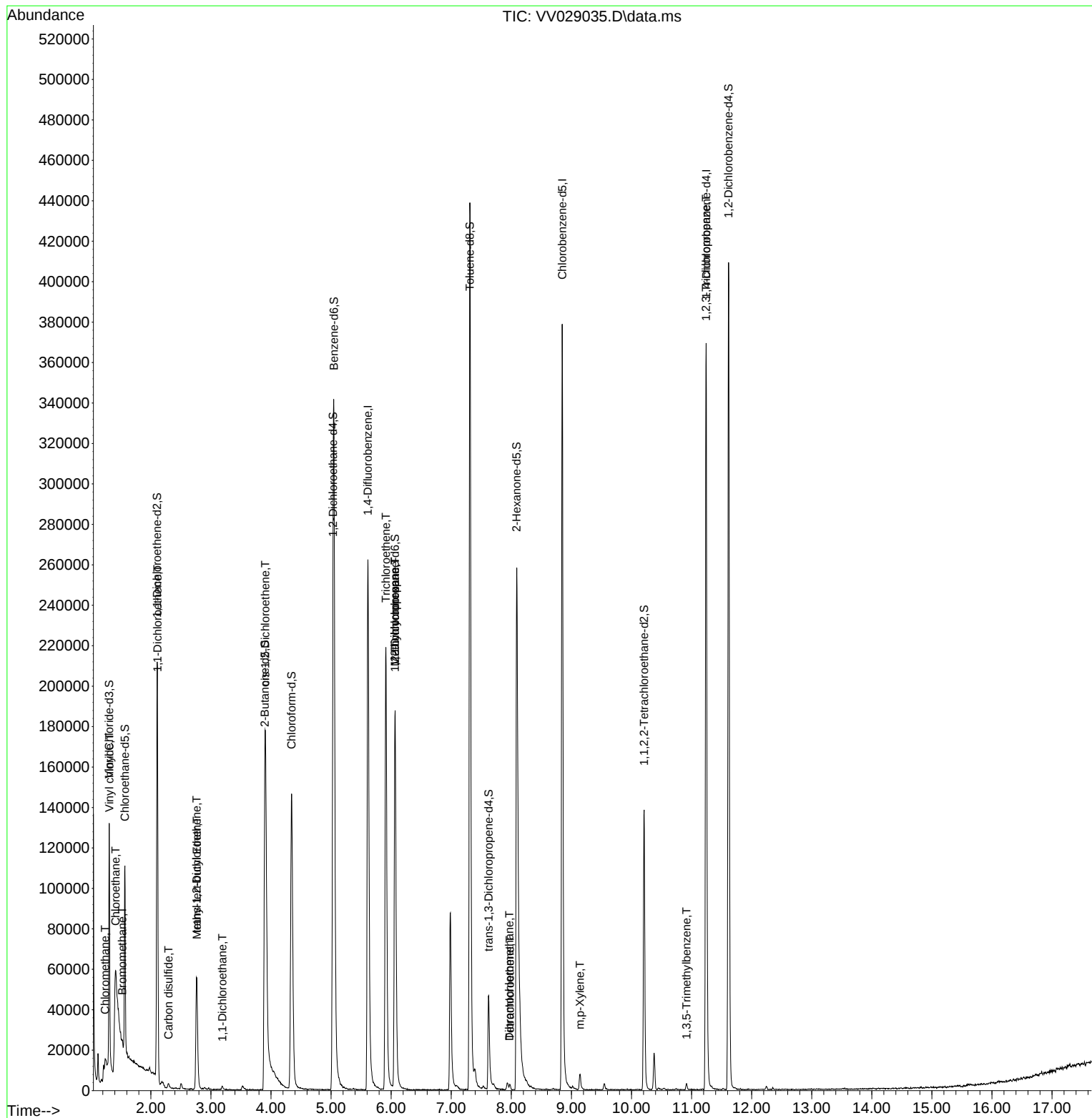
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

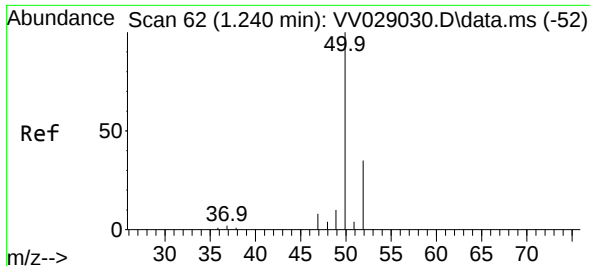
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
Data File : VV029035.D
Acq On : 16 Nov 2022 22:58
Operator : SY/MD
Sample : N5604-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E4

Quant Time: Nov 17 05:35:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

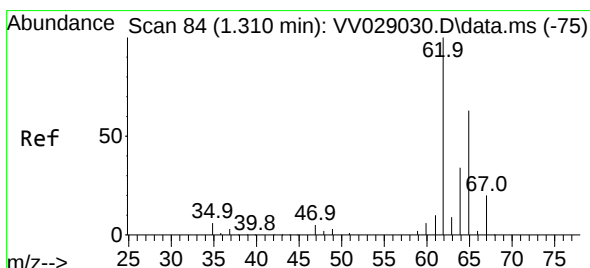
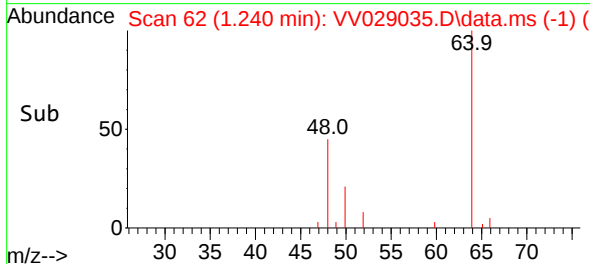
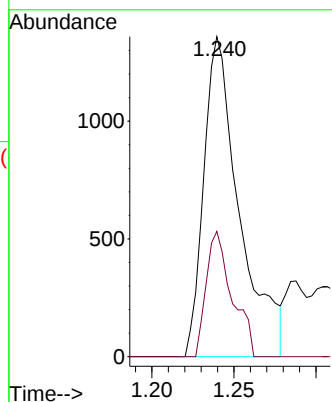
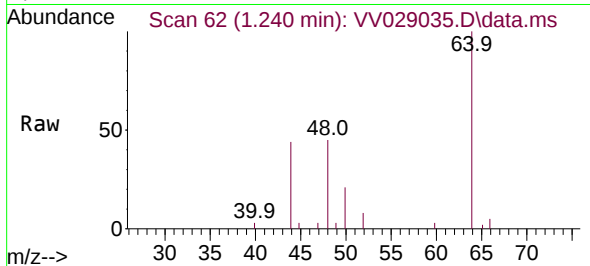




#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

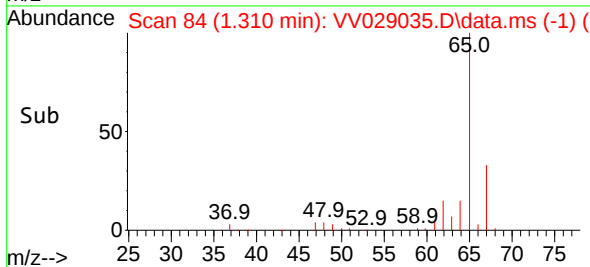
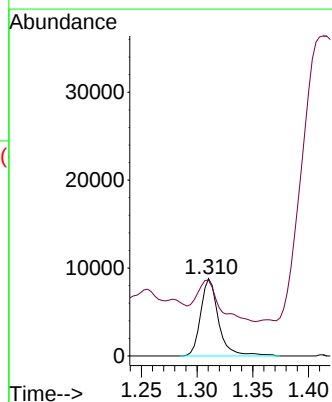
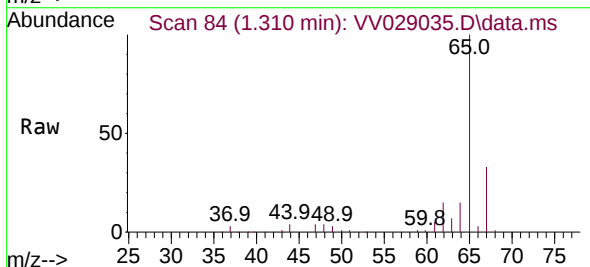
Instrument :
MSVOA_V
ClientSampleId :
H46E4

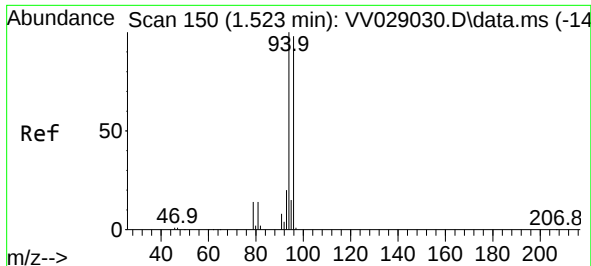
Tgt Ion: 50 Resp: 2047
Ion Ratio Lower Upper
50 100
52 39.1 23.7 43.9



#5
Vinyl chloride
Concen: 0.485 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 62 Resp: 9825
Ion Ratio Lower Upper
62 100
64 97.9 22.8 42.4#

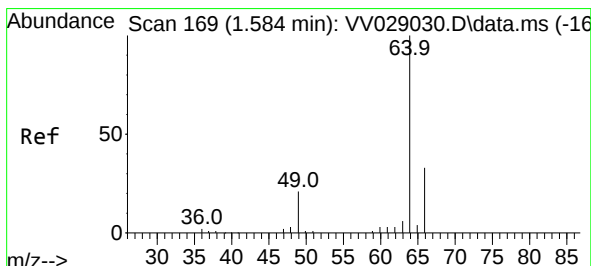
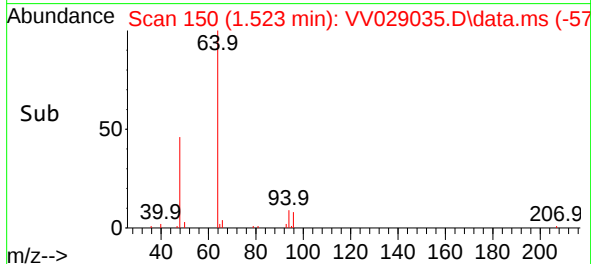
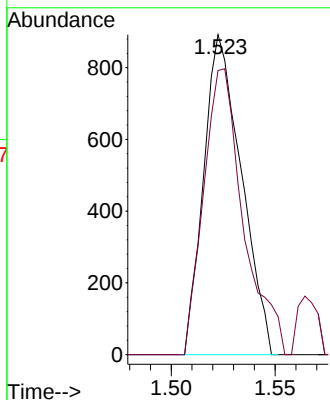
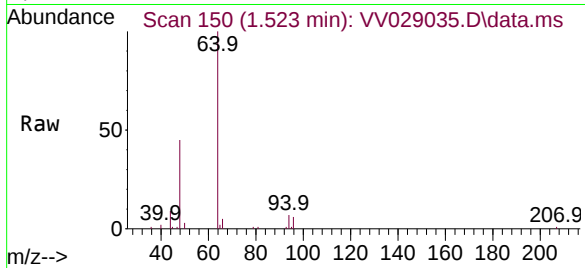




#6
Bromomethane
Concen: 0.093 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

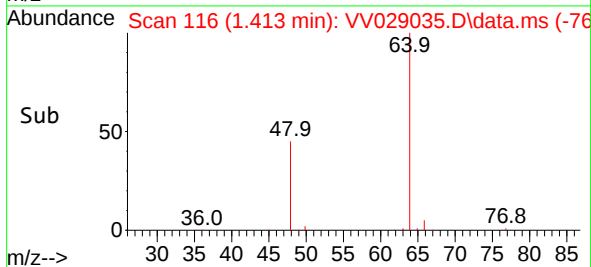
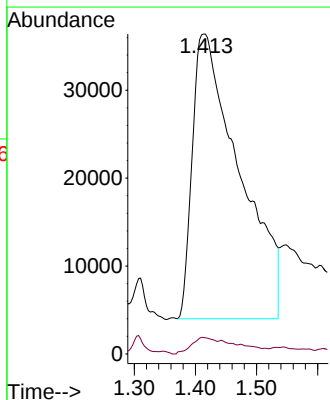
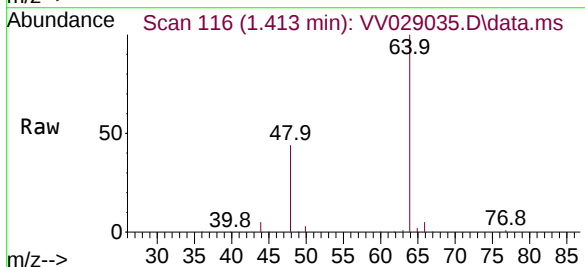
Instrument :
MSVOA_V
ClientSampleId :
H46E4

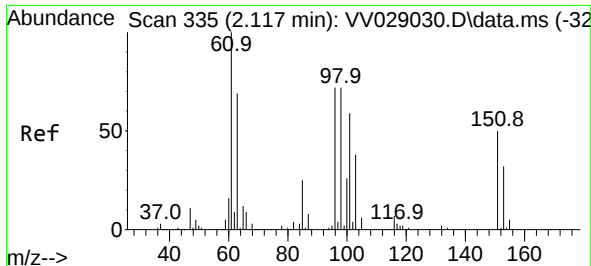
Tgt Ion: 94 Resp: 1123
Ion Ratio Lower Upper
94 100
96 88.8 68.5 127.3



#8
Chloroethane
Concen: 14.526 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.171 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 64 Resp: 172954
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#

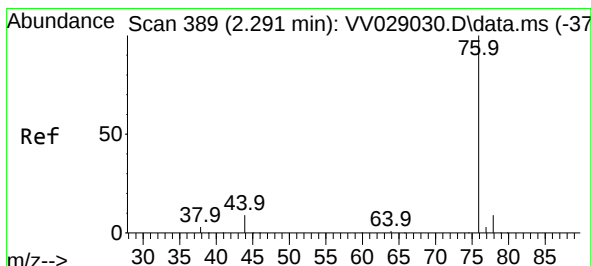
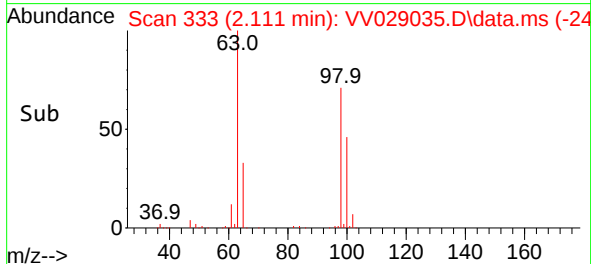
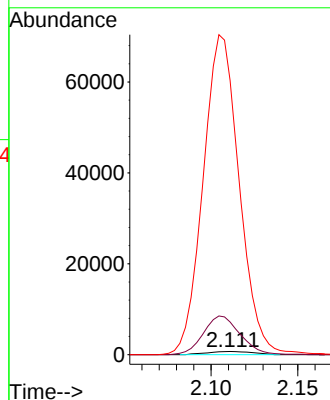
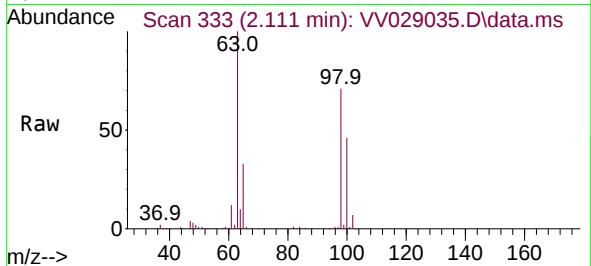




#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

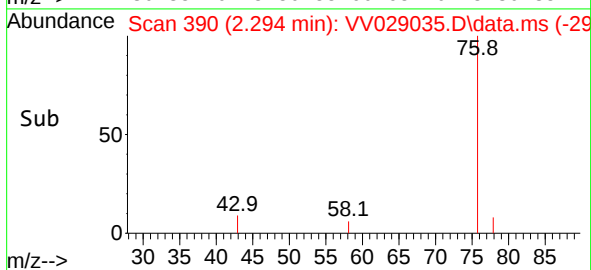
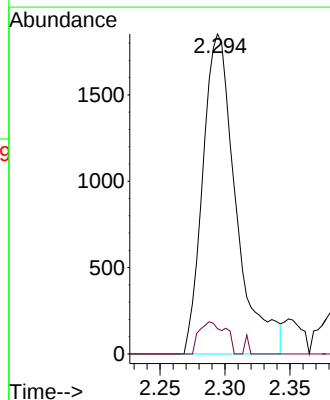
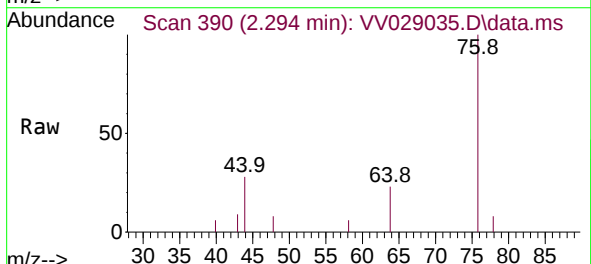
Instrument :
MSVOA_V
ClientSampleId :
H46E4

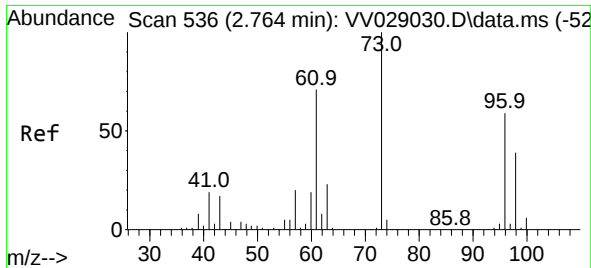
Tgt Ion: 96 Resp: 1299
Ion Ratio Lower Upper
96 100
61 1032.4 104.2 193.4#
63 8676.8 75.9 140.9#



#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 76 Resp: 3290
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

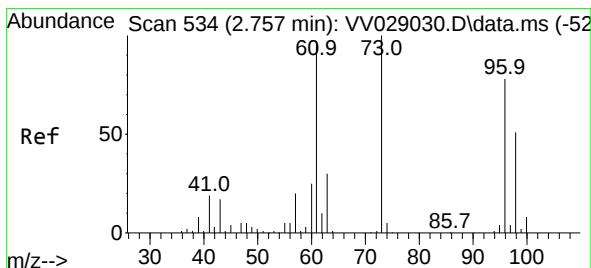
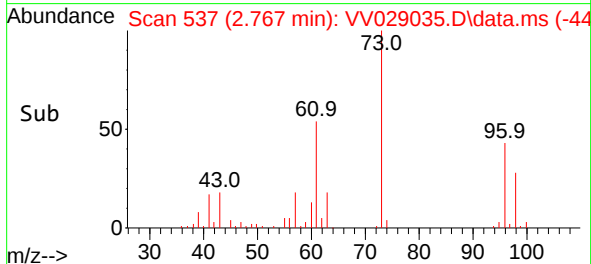
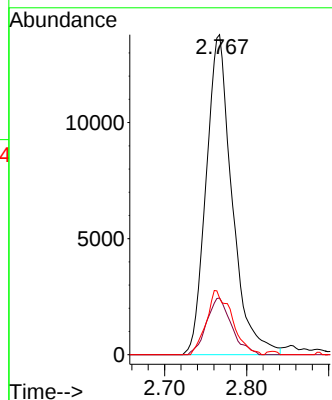
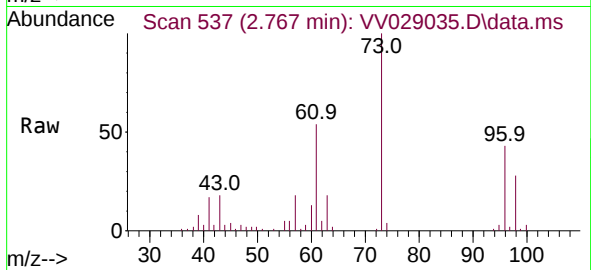




#17
Methyl tert-butyl Ether
Concen: 0.907 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

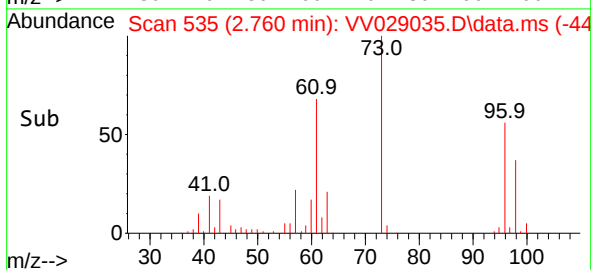
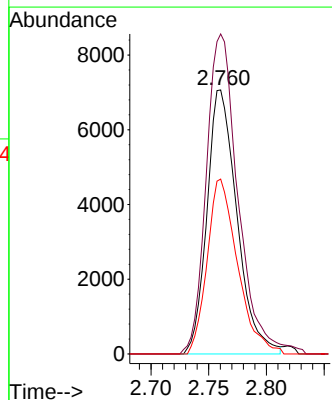
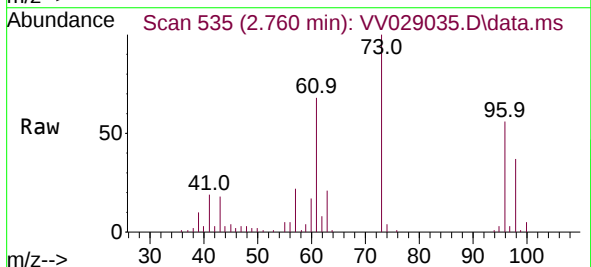
Instrument :
MSVOA_V
ClientSampleId :
H46E4

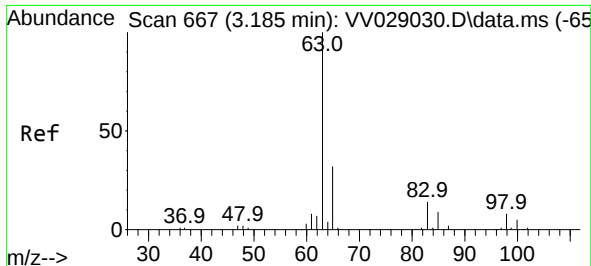
Tgt Ion: 73	Resp:	30227
Ion	Ratio	Lower Upper
73	100	
43	17.1	13.0 19.4
57	19.8	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.710 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 96	Resp:	12791
Ion	Ratio	Lower Upper
96	100	
61	121.2	91.8 170.6
98	66.2	46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.072 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029035.D

Acq: 16 Nov 2022 22:58

Instrument :

MSVOA_V

ClientSampleId :

H46E4

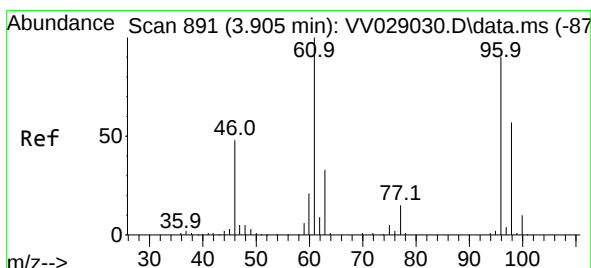
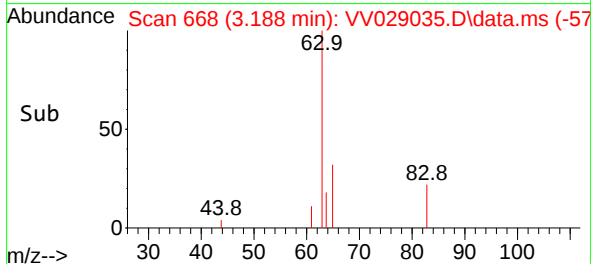
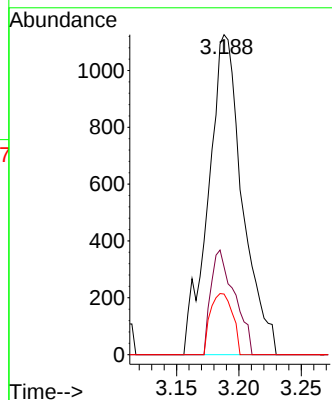
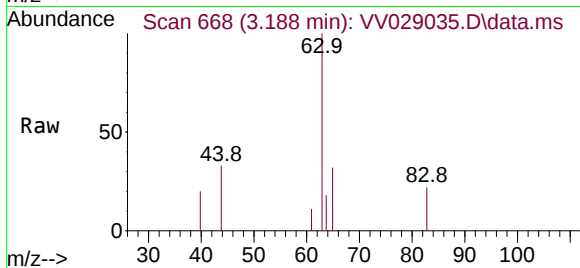
Tgt Ion: 63 Resp: 2136

Ion Ratio Lower Upper

63 100

65 27.4 23.0 42.6

83 18.9 9.4 17.6#



#22

cis-1,2-Dichloroethene

Concen: 4.802 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029035.D

Acq: 16 Nov 2022 22:58

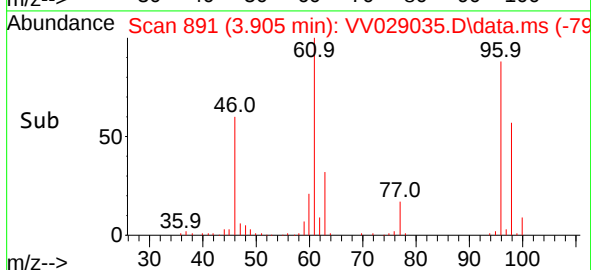
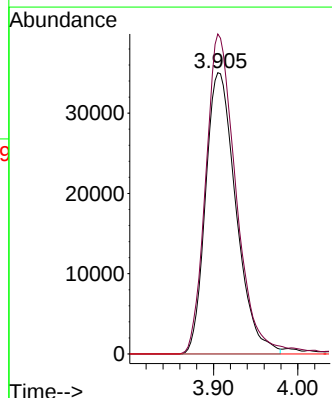
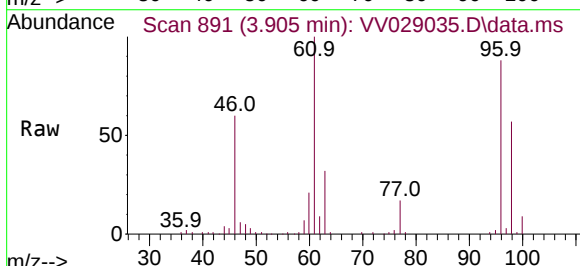
Tgt Ion: 96 Resp: 88014

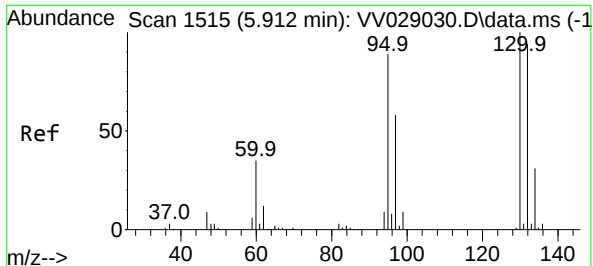
Ion Ratio Lower Upper

96 100

61 113.7 82.3 152.9

68 0.0 0.0 0.0



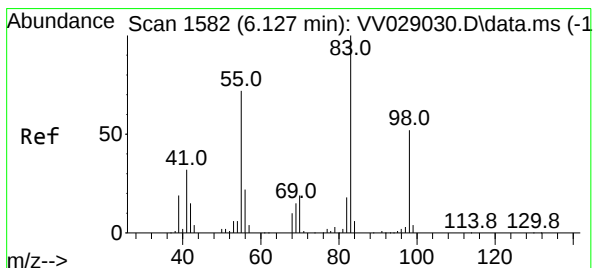
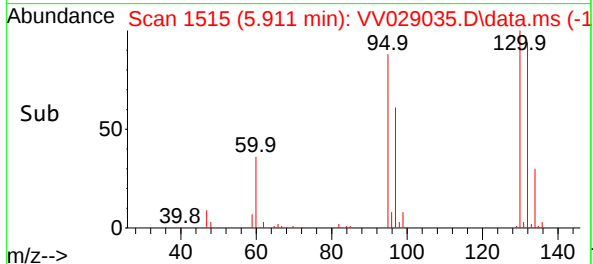
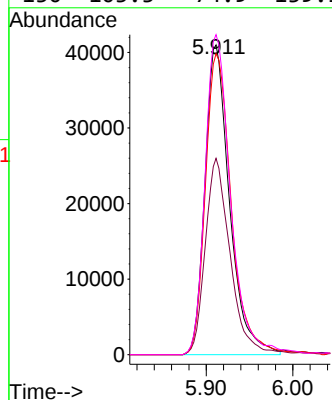
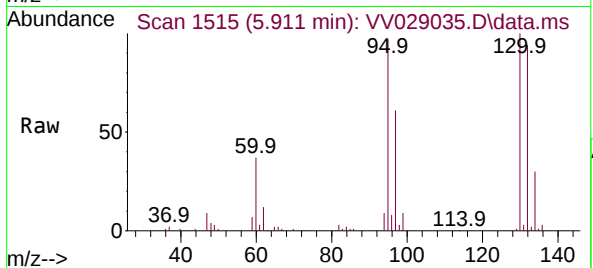


#34
Trichloroethene
Concen: 4.421 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Instrument :
MSVOA_V
ClientSampleId :
H46E4

Tgt Ion: 95 Resp: 80996

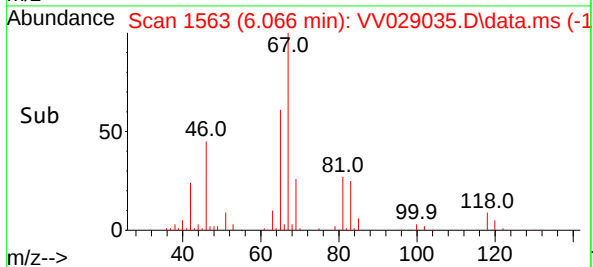
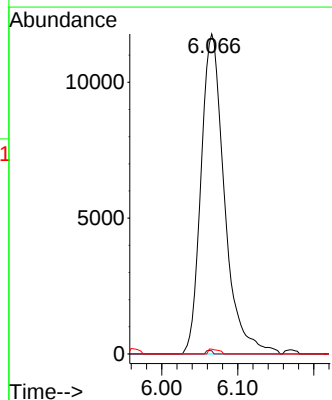
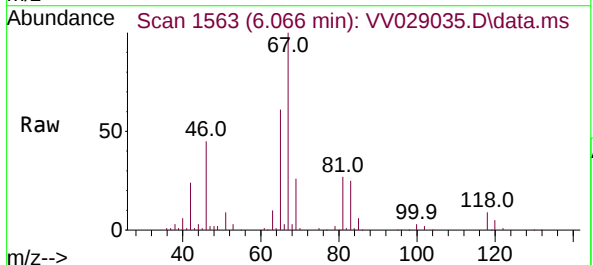
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	97.2	69.1	128.3
130	103.3	74.9	139.1

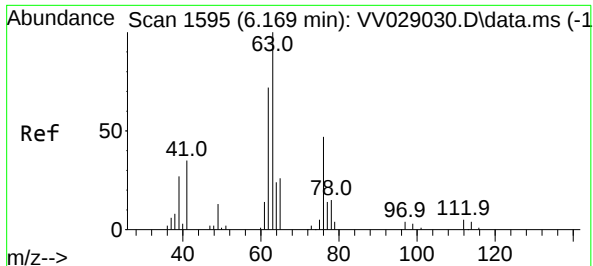


#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 83 Resp: 25305

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.8	83.6#
98	0.7	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029035.D

Acq: 16 Nov 2022 22:58

Instrument :

MSVOA_V

ClientSampleId :

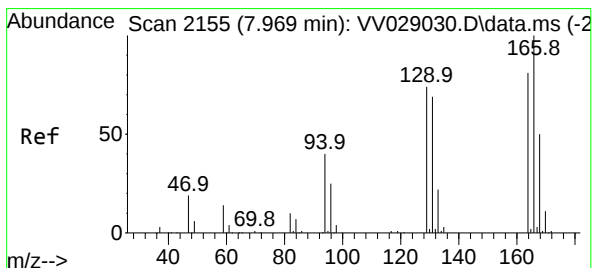
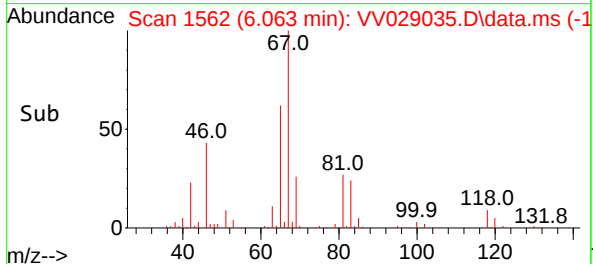
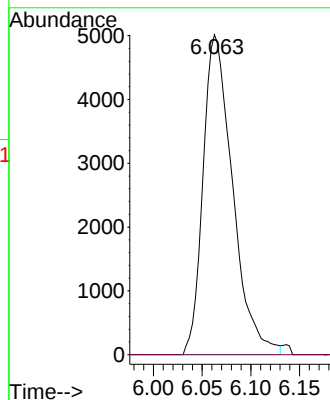
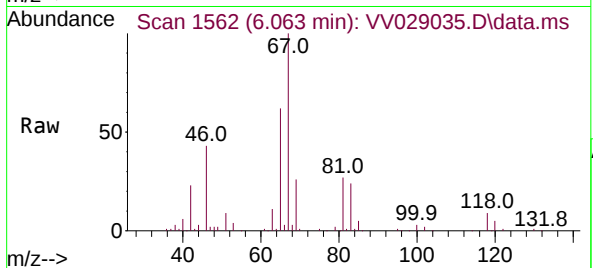
H46E4

Tgt Ion: 63 Resp: 10587

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#47

Tetrachloroethene

Concen: 0.056 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV029035.D

Acq: 16 Nov 2022 22:58

Tgt Ion: 164 Resp: 823

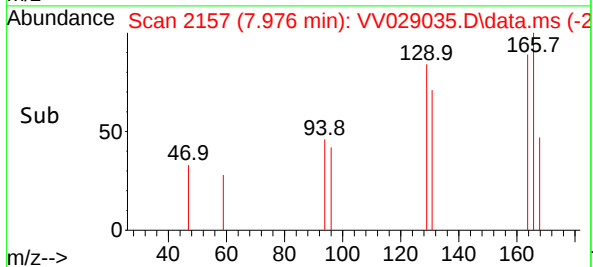
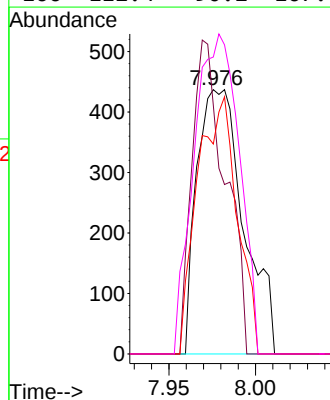
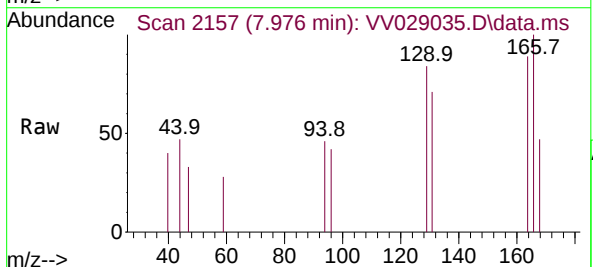
Ion Ratio Lower Upper

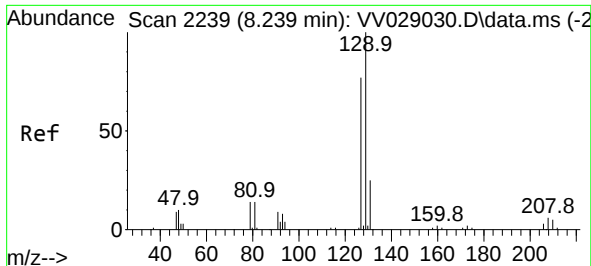
164 100

129 94.1 63.9 118.7

131 79.4 61.8 114.8

166 112.4 90.2 167.4

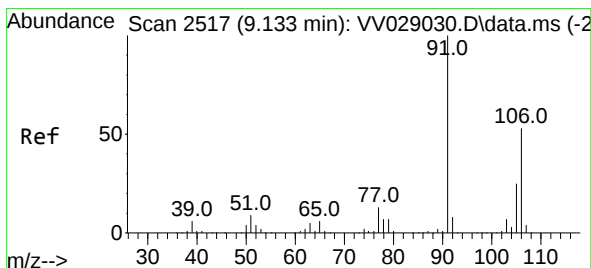
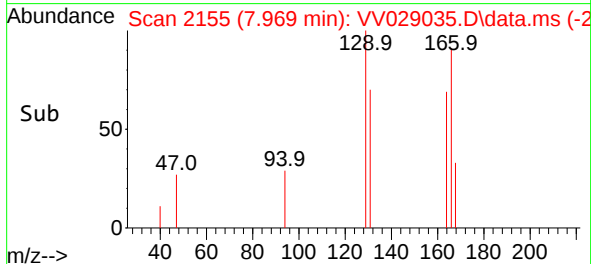
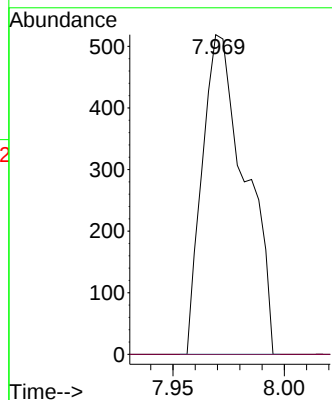
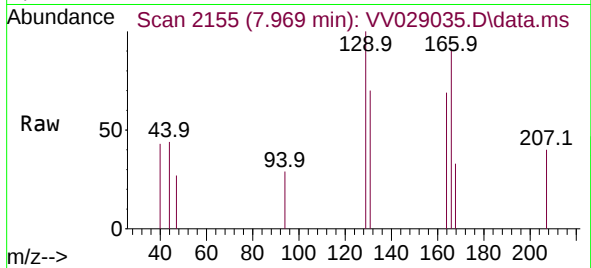




#49
Dibromochloromethane
Concen: 0.053 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

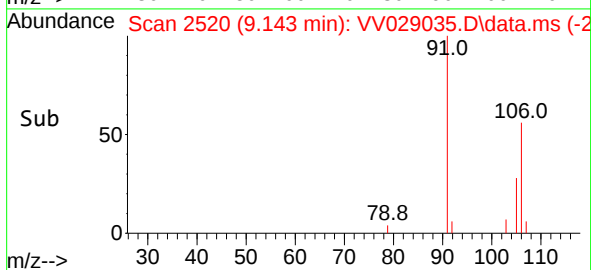
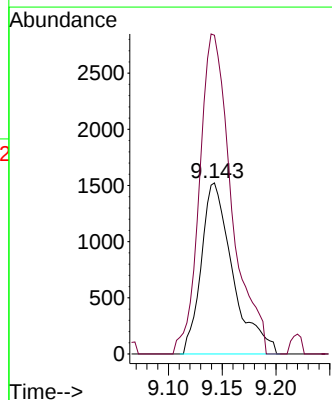
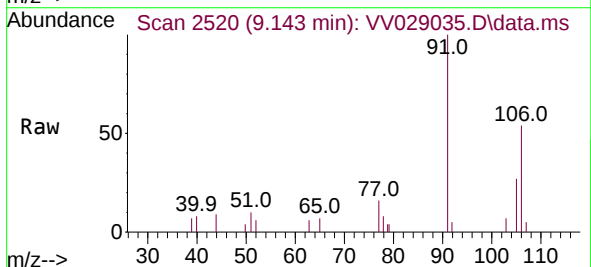
Instrument :
MSVOA_V
ClientSampleId :
H46E4

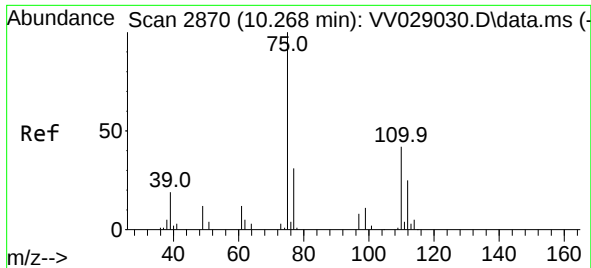
Tgt Ion:129 Resp: 698
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#53
m,p-Xylene
Concen: 0.097 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion:106 Resp: 3106
Ion Ratio Lower Upper
106 100
91 186.3 139.1 258.3

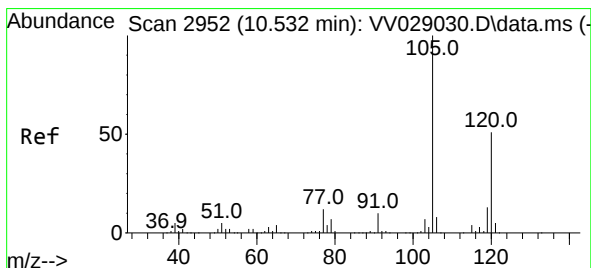
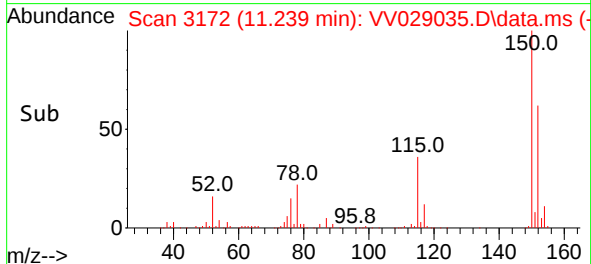
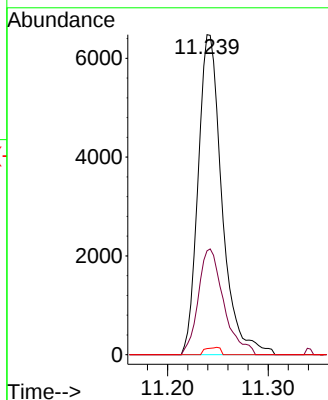
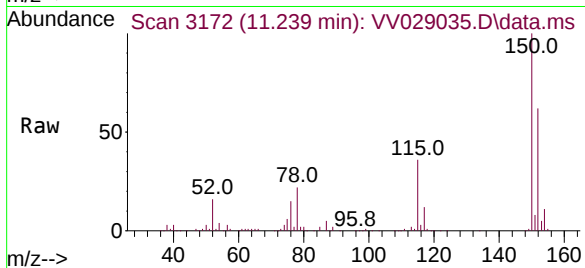




#61
1,2,3-Trichloropropane
Concen: 1.443 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Instrument :
MSVOA_V
ClientSampleId :
H46E4

Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
77 35.1 26.2 39.2
110 1.4 32.6 48.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.041 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.383 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 105 Resp: 2430
Ion Ratio Lower Upper
105 100
120 43.8 39.9 59.9

