

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071822\
 Data File : VW026808.D
 Acq On : 18 Jul 2022 14:03
 Operator : SY/MD
 Sample : N3710-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B06

Quant Time: Jul 19 03:09:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 19 03:06:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	278853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	119336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	78680	3.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.561	69	73869	3.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.000%
11) 1,1-Dichloroethene-d2	2.102	63	108396	2.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.200%#
20) 2-Butanone-d5	3.902	46	120046	30.095	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.200%
24) Chloroform-d	4.346	84	166638	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.034	65	74337	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.047	84	301772	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.069	67	99802	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.317	98	217221	2.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	7.625	79	28105	3.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.092	63	132557	36.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77874	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	89181	4.289	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	7489	0.219	ug/L	97
5) Vinyl chloride	1.304	62	6551	0.188	ug/L #	81
6) Bromomethane	1.516	94	907	0.044	ug/L	79
14) Carbon disulfide	2.285	76	74434	1.028	ug/L	97
15) Methyl Acetate	2.188	43	11137	1.641	ug/L #	51
17) Methyl tert-butyl Ether	2.774	73	4460	0.105	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	2881	0.127	ug/L #	52
30) Cyclohexane	4.671	56	2122	0.066	ug/L	94
33) Benzene	5.108	78	10658	0.114	ug/L	100
35) Methylcyclohexane	6.069	83	24711	0.707	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	10435	0.468	ug/L #	86
51) Chlorobenzene	8.883	112	66160	1.111	ug/L	99
53) m,p-Xylene	9.143	106	4018	0.111	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	13880	1.261	ug/L #	72
64) 1,3-Dichlorobenzene	11.275	146	33988	0.932	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	33988	0.917	ug/L	99
71) Naphthalene	13.513	128	4434	0.137	ug/L	97

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Quant Time: Jul 19 03:09:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

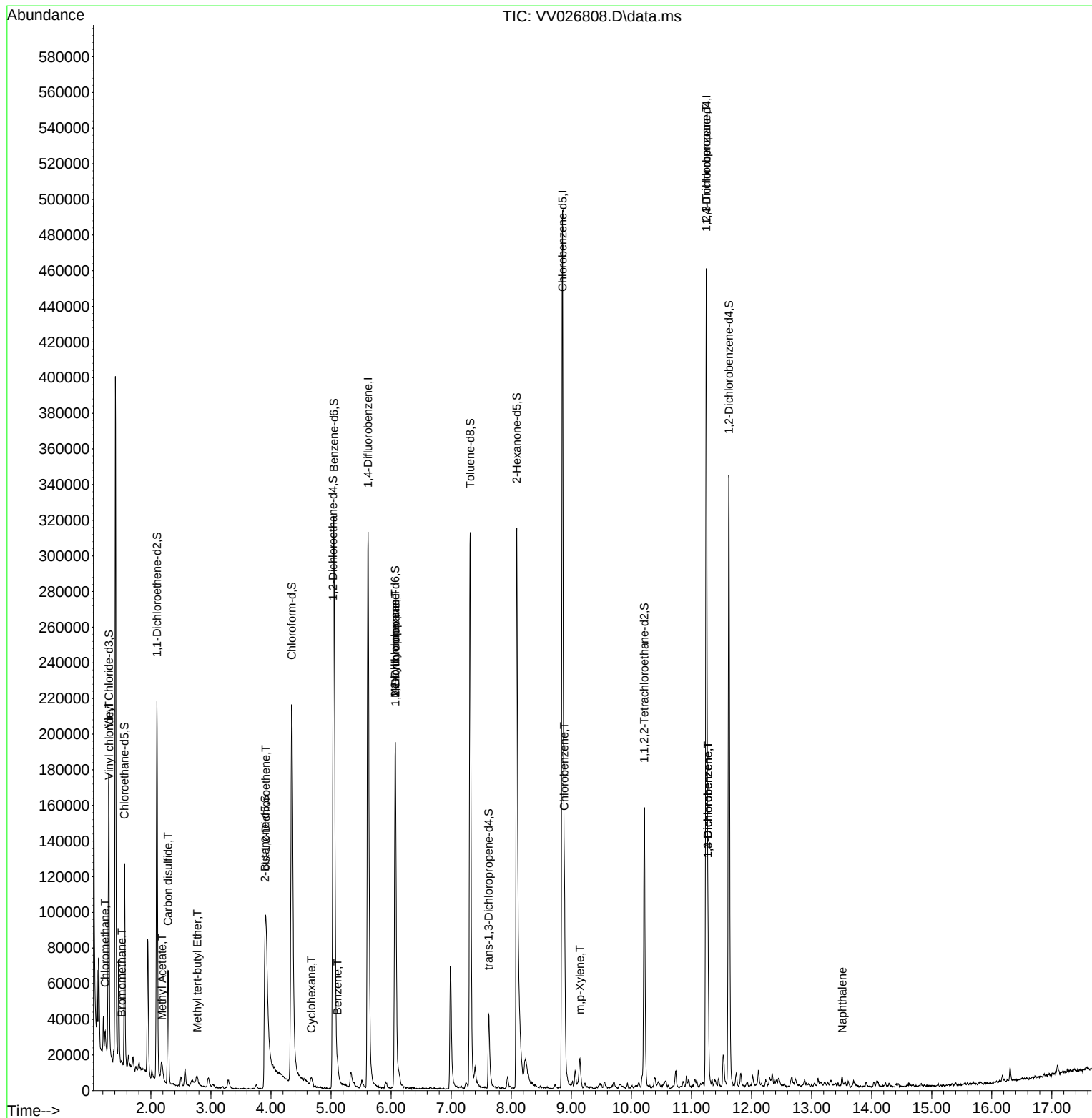
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

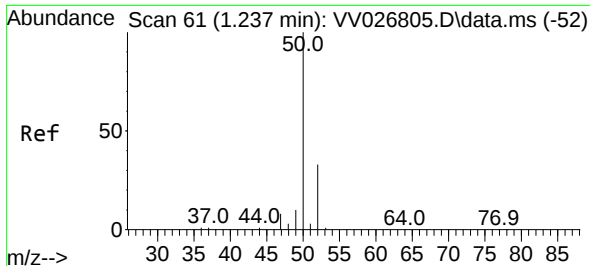
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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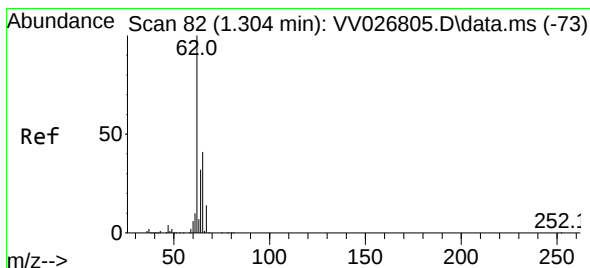
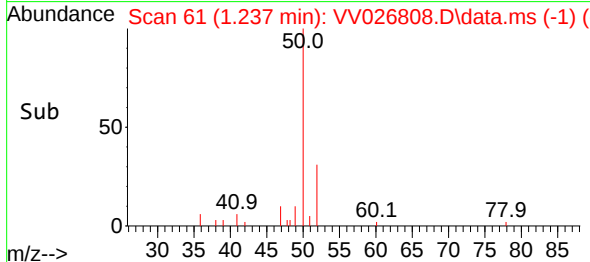
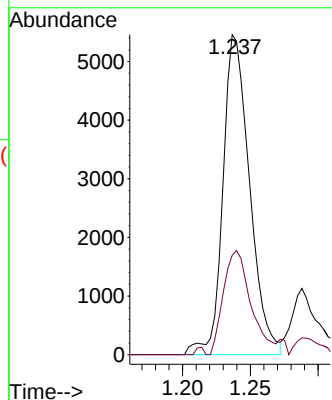
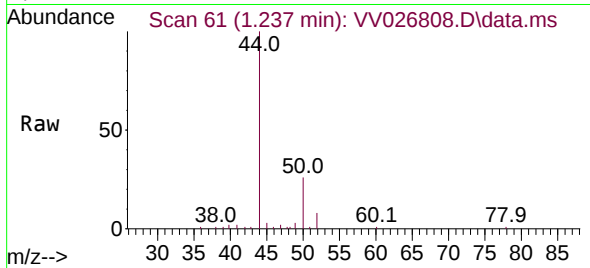




#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

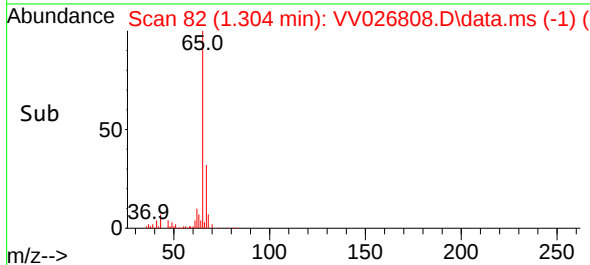
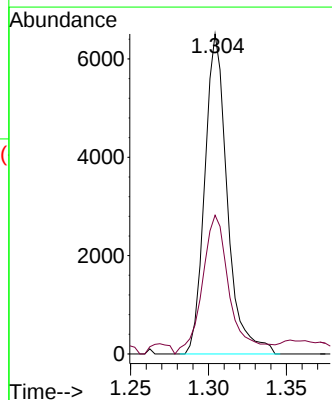
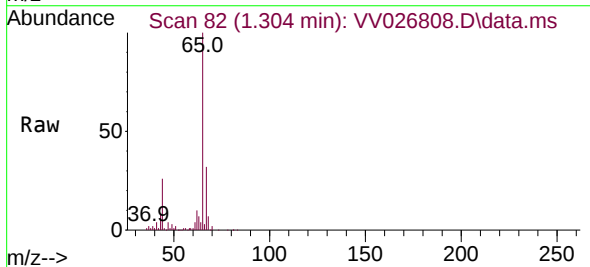
Instrument :
MSVOA_V
ClientSampleId :
H0B06

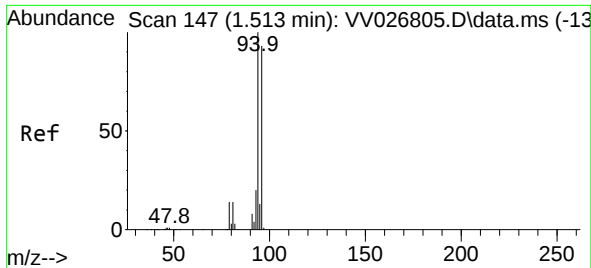
Tgt Ion: 50 Resp: 7489
Ion Ratio Lower Upper
50 100
52 31.0 22.8 42.4



#5
Vinyl chloride
Concen: 0.188 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Tgt Ion: 62 Resp: 6551
Ion Ratio Lower Upper
62 100
64 43.4 22.9 42.5#

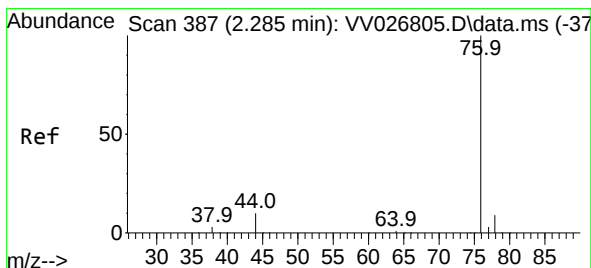
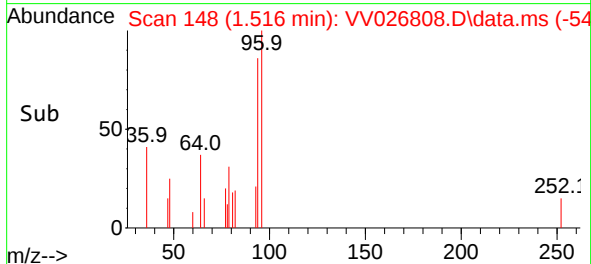
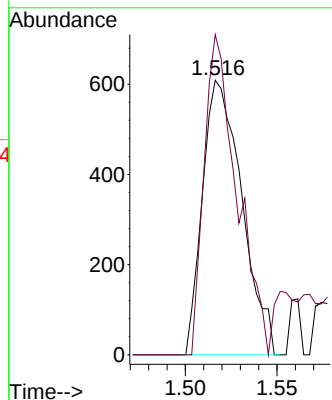
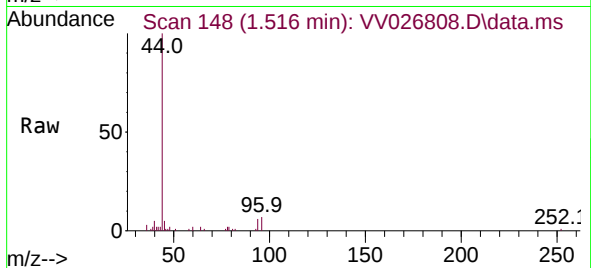




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

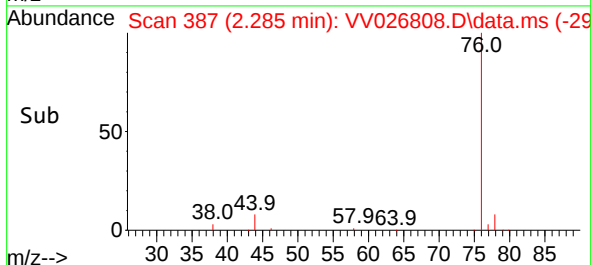
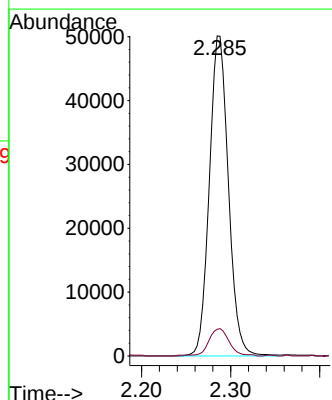
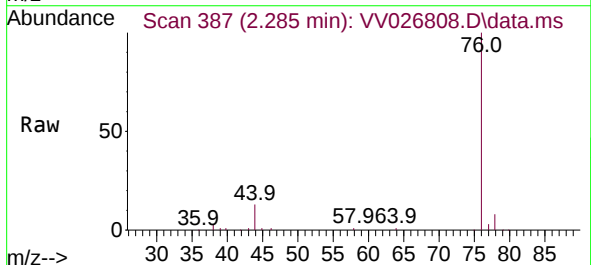
Instrument :
MSVOA_V
ClientSampleId :
H0B06

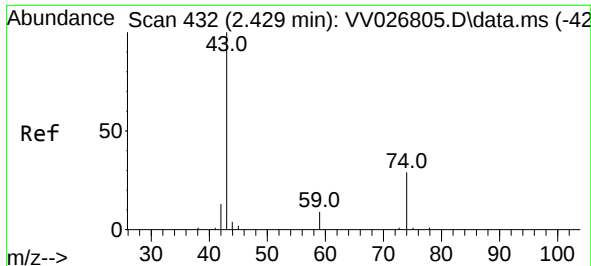
Tgt Ion: 94 Resp: 907
Ion Ratio Lower Upper
94 100
96 116.6 67.1 124.7



#14
Carbon disulfide
Concen: 1.028 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Tgt Ion: 76 Resp: 74434
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5

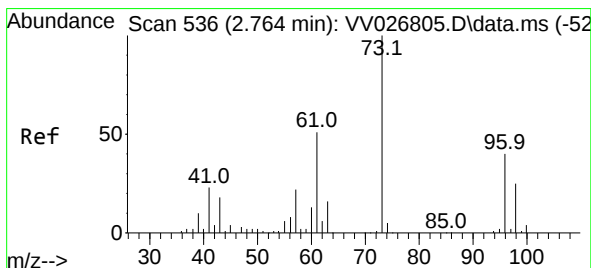
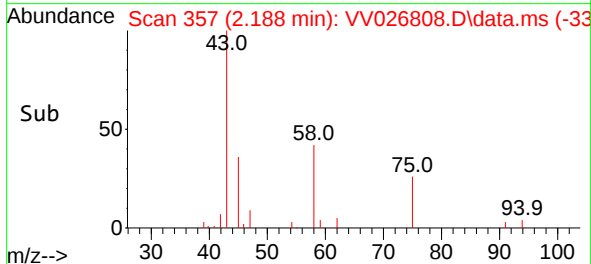
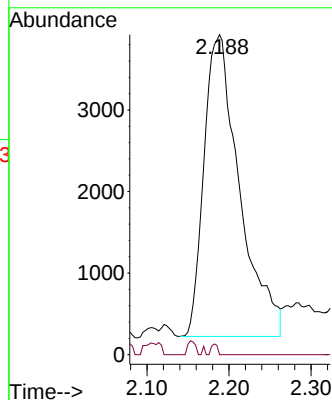
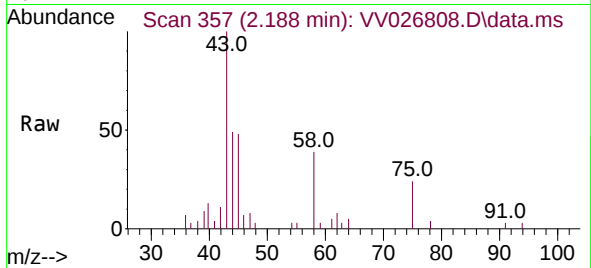




#15
Methyl Acetate
Concen: 1.641 ug/L
RT: 2.188 min Scan# 311
Delta R.T. -0.241 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

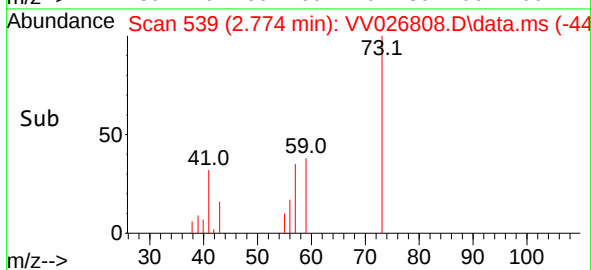
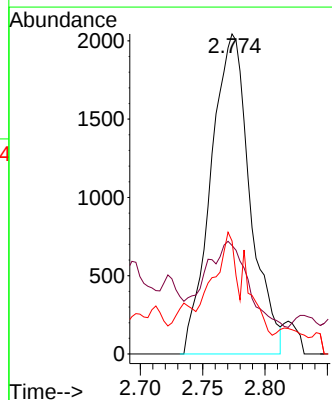
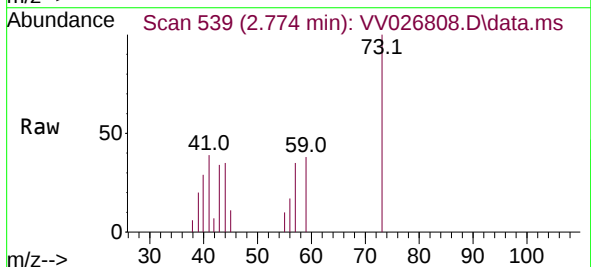
Instrument :
MSVOA_V
ClientSampleId :
H0B06

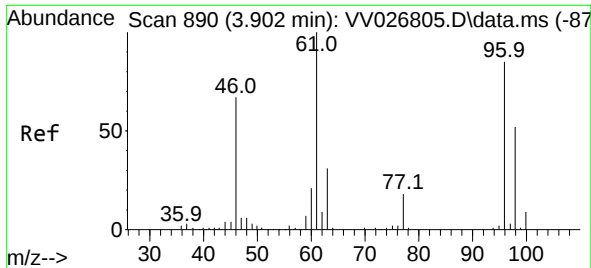
Tgt Ion: 43 Resp: 11137
Ion Ratio Lower Upper
43 100
74 0.6 20.1 30.1#



#17
Methyl tert-butyl Ether
Concen: 0.105 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Tgt Ion: 73 Resp: 4460
Ion Ratio Lower Upper
73 100
43 28.8 14.0 21.0#
57 24.5 17.6 26.4





#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 3.912 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV026808.D

Acq: 18 Jul 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

H0B06

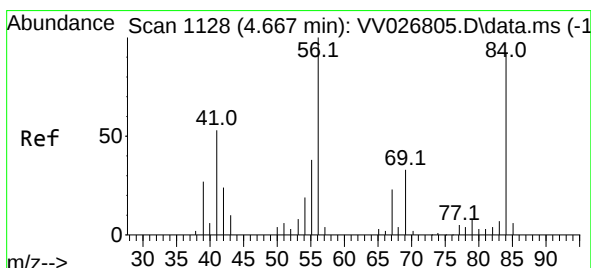
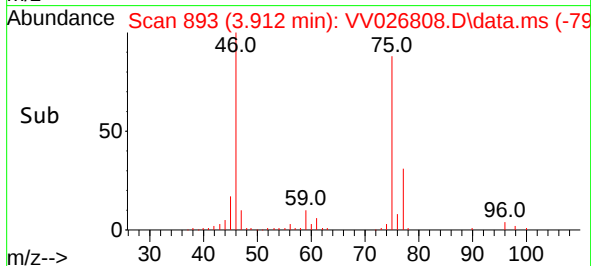
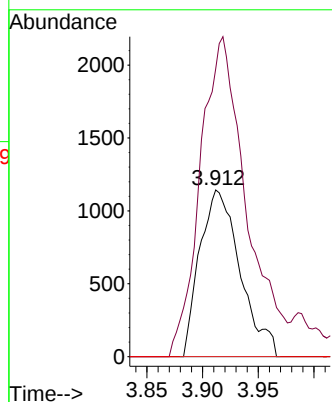
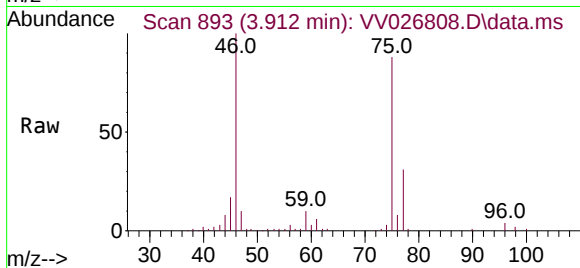
Tgt Ion: 96 Resp: 2881

Ion Ratio Lower Upper

96 100

61 172.7 83.9 155.9#

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.066 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026808.D

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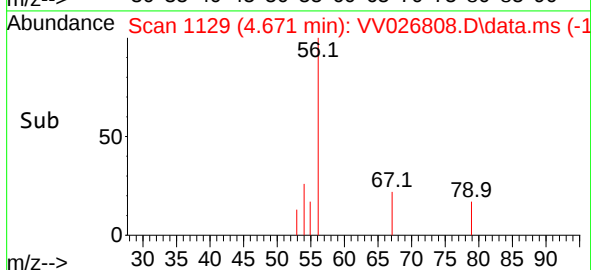
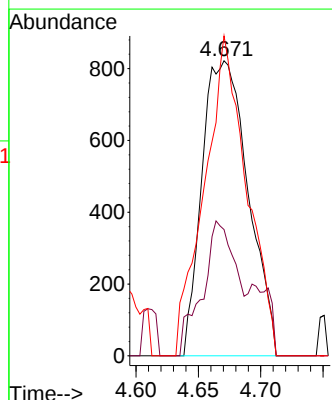
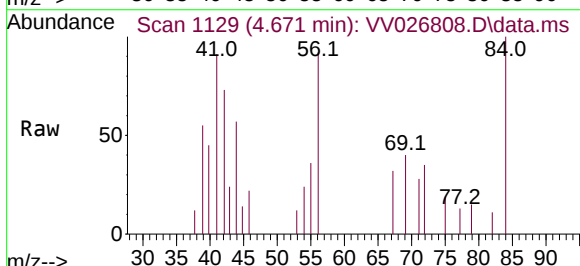
Tgt Ion: 56 Resp: 2122

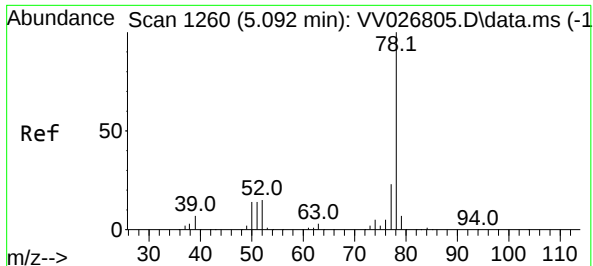
Ion Ratio Lower Upper

56 100

69 33.3 25.1 37.7

84 98.7 74.0 111.0

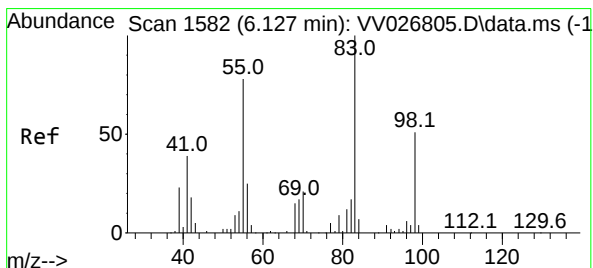
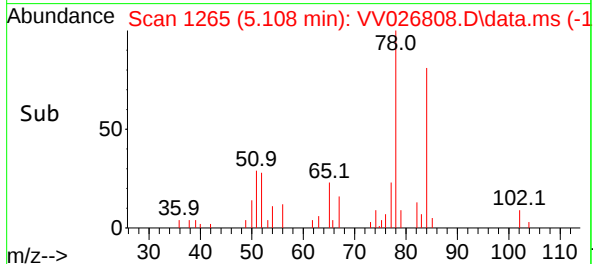
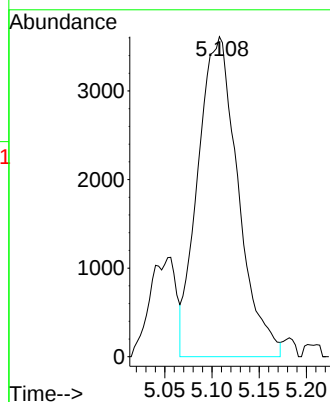
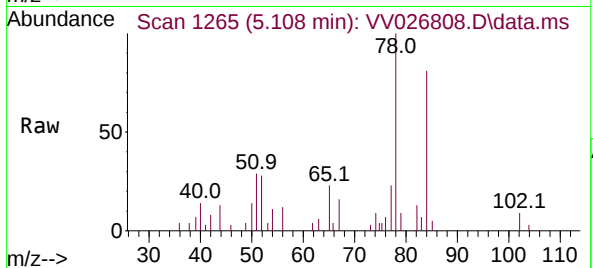




#33
Benzene
Concen: 0.114 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

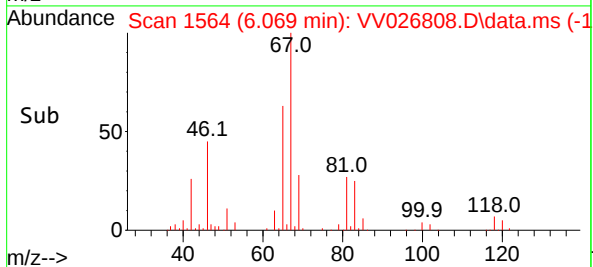
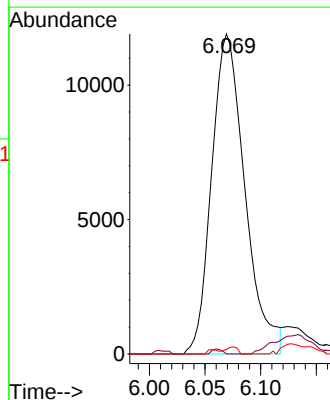
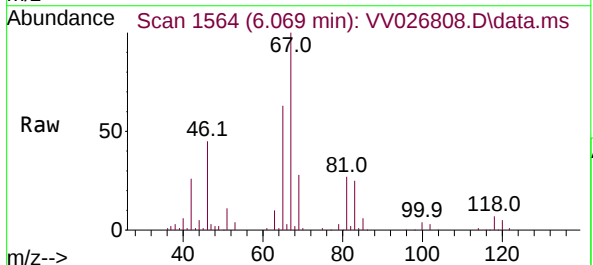
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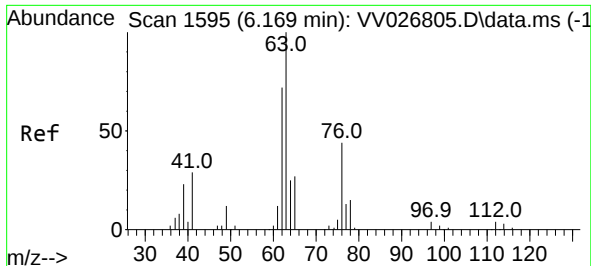
Tgt Ion: 78 Resp: 10658



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Tgt Ion: 83 Resp: 24711
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.8 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV026808.D

Acq: 18 Jul 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

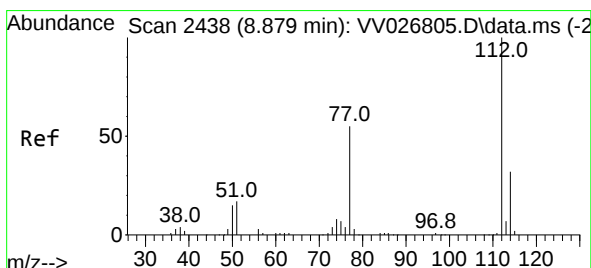
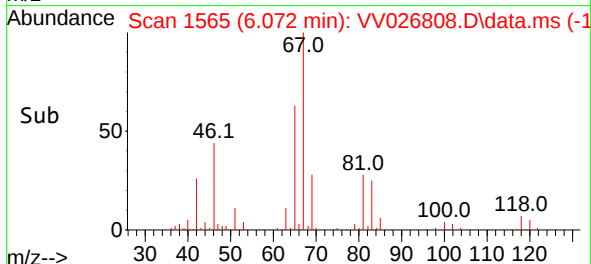
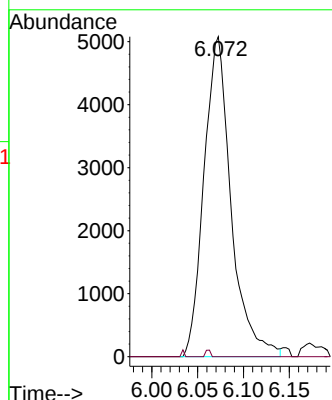
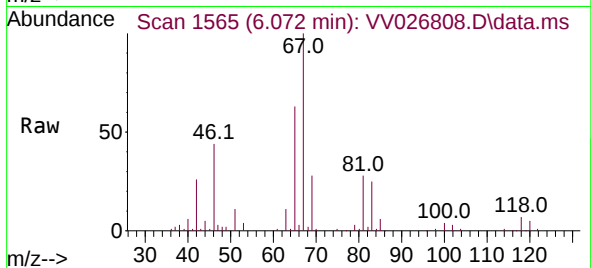
H0B06

Tgt Ion: 63 Resp: 10435

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#51

Chlorobenzene

Concen: 1.111 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026808.D

Acq: 18 Jul 2022 14:03

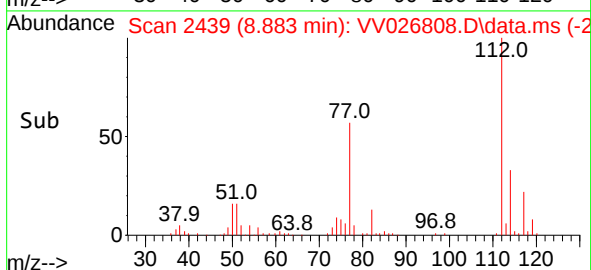
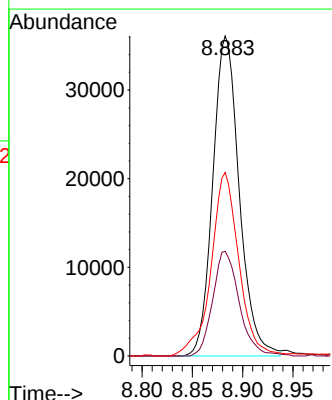
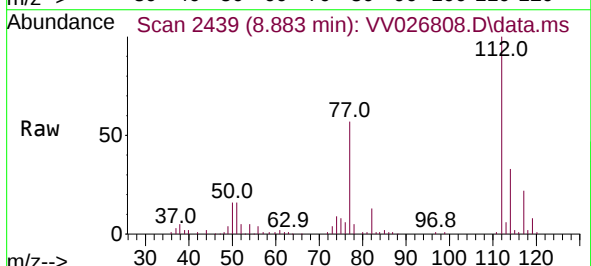
Tgt Ion: 112 Resp: 66160

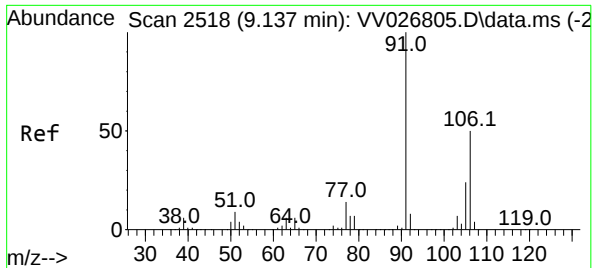
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.1

77 57.4 46.6 70.0

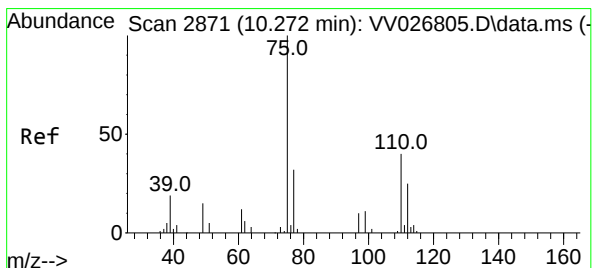
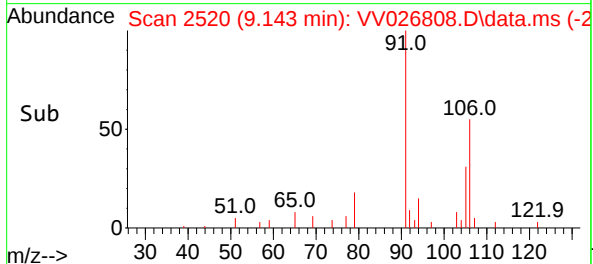
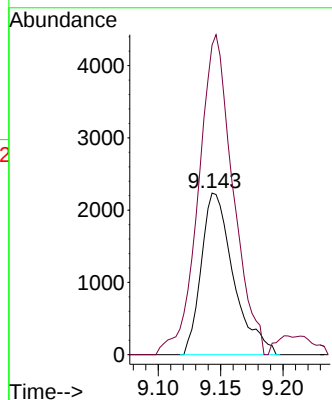
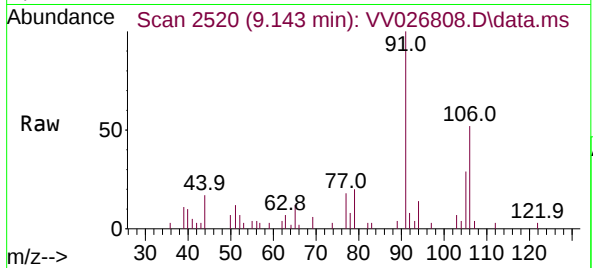




#53
m,p-Xylene
Concen: 0.111 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

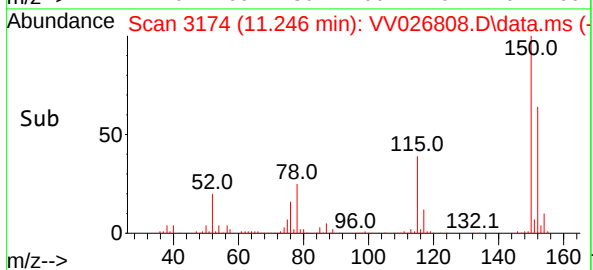
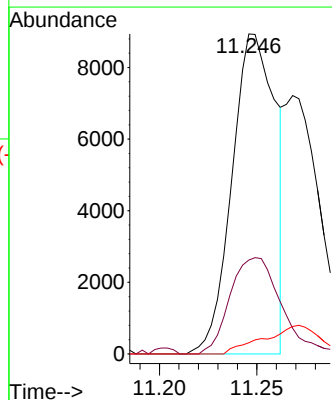
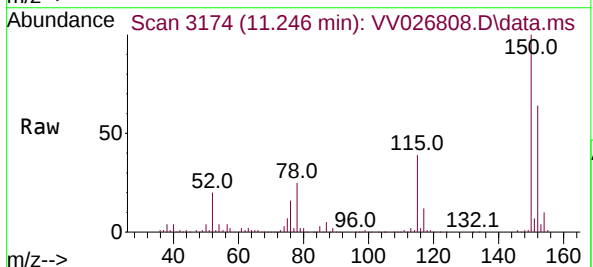
Instrument :
MSVOA_V
ClientSampleId :
H0B06

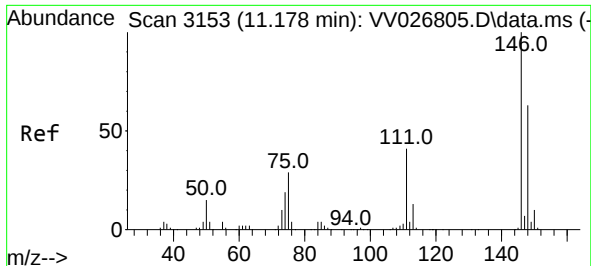
Tgt Ion:106 Resp: 4018
Ion Ratio Lower Upper
106 100
91 191.6 139.3 258.7



#61
1,2,3-Trichloropropane
Concen: 1.261 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Tgt Ion: 75 Resp: 13880
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.0
110 11.6 31.8 47.6#

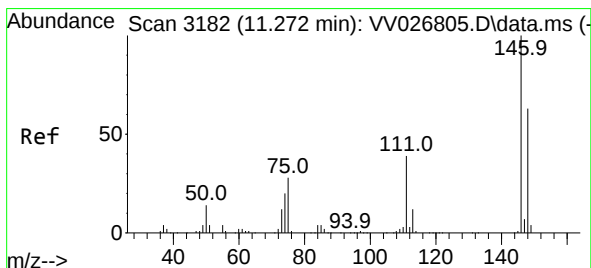
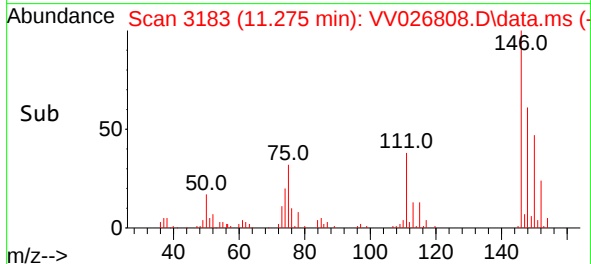
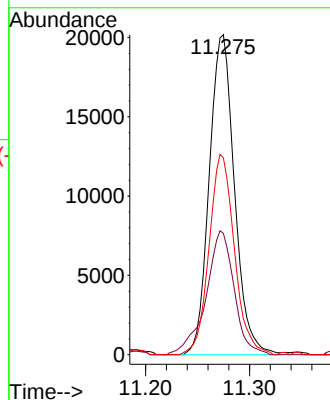
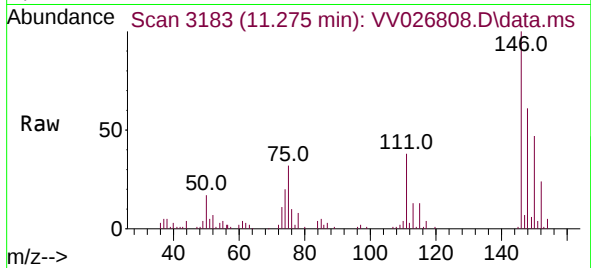




#64
1,3-Dichlorobenzene
Concen: 0.932 ug/L
RT: 11.275 min Scan# 3153
Delta R.T. 0.097 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

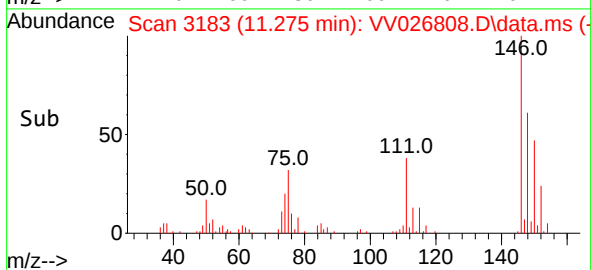
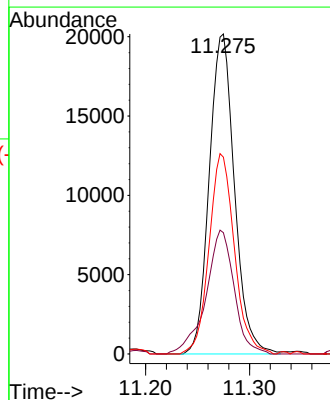
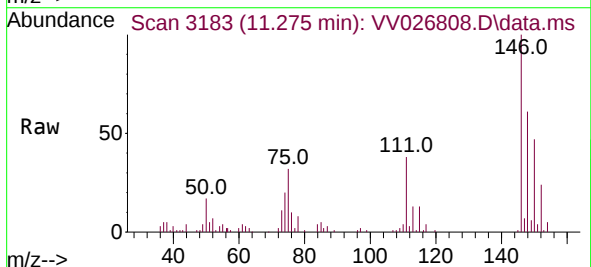
Instrument :
MSVOA_V
ClientSampleId :
H0B06

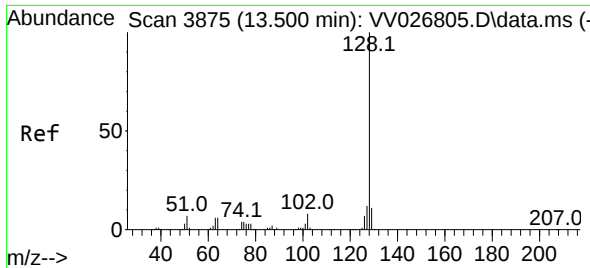
Tgt Ion:146 Resp: 33988
Ion Ratio Lower Upper
146 100
111 37.9 27.9 51.7
148 61.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 0.917 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

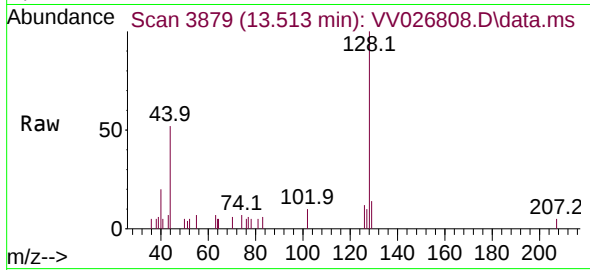
Tgt Ion:146 Resp: 33988
Ion Ratio Lower Upper
146 100
111 37.9 26.8 49.8
148 61.5 43.3 80.5





#71
Naphthalene
Concen: 0.137 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026808.D
Acq: 18 Jul 2022 14:03

Instrument :
MSVOA_V
ClientSampleId :
H0B06



Tgt Ion:	128	Resp:	4434
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	12.2	10.7	16.1

