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 Data File : VW026761.D
 Acq On : 13 Jul 2022 18:48
 Operator : SY/MD
 Sample : N3658-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

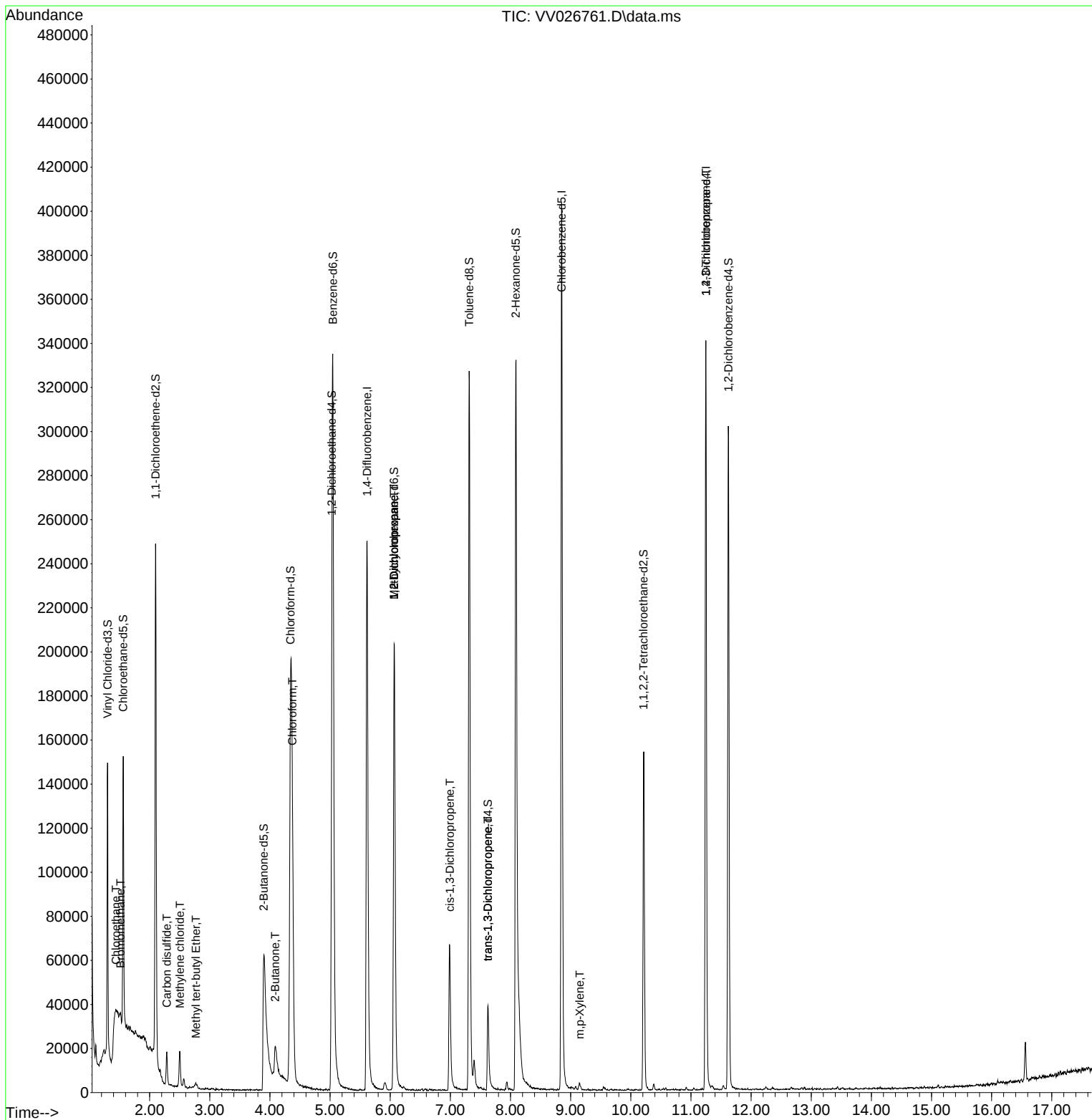
Instrument :
 MSVOA_V
 ClientSampleId :

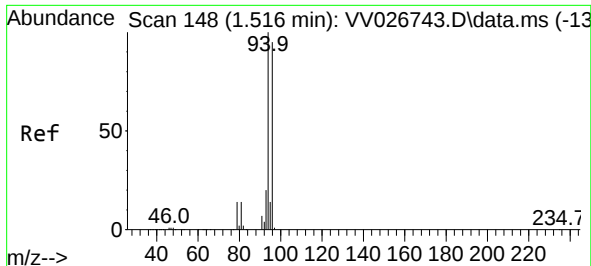
Quant Time: Jul 13 23:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	222382	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	82742	4.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.561	69	78806	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.098	63	122196	3.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.899	46	141178	44.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.342	84	176900	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.031	65	80232	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.047	84	307630	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.066	67	103675	5.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.313	98	226941	3.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	25583	3.799	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.088	63	137314	47.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	77537	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	78269	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.516	94	1315	0.080	ug/L	98
8) Chloroethane	1.439	64	54014	3.319	ug/L #	48
14) Carbon disulfide	2.285	76	16858	0.293	ug/L	99
16) Methylene chloride	2.503	84	6628	0.285	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	2031	0.060	ug/L #	84
21) 2-Butanone	4.088	43	30130	9.698	ug/L #	47
25) Chloroform	4.375	83	110083	3.212	ug/L	99
35) Methylcyclohexane	6.066	83	23718	0.837	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	10690	0.592	ug/L #	87
39) cis-1,3-Dichloropropene	6.992	75	1917	0.085	ug/L #	40
44) trans-1,3-Dichloropropene	7.625	75	1408	0.076	ug/L	90
53) m,p-Xylene	9.149	106	1037	0.035	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	10996	1.333	ug/L #	65

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

Quant Time: Jul 13 23:05:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
Response via : Initial Calibration

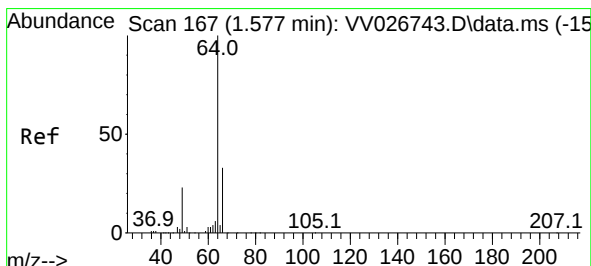
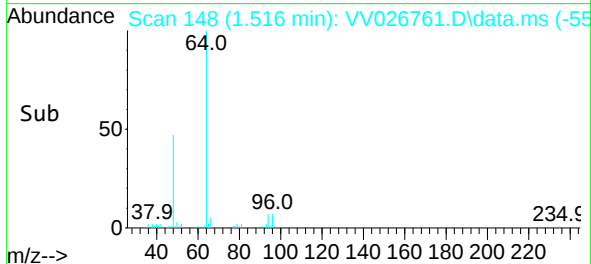
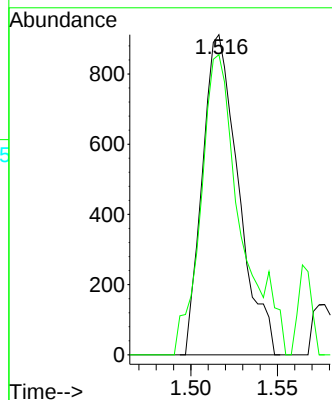
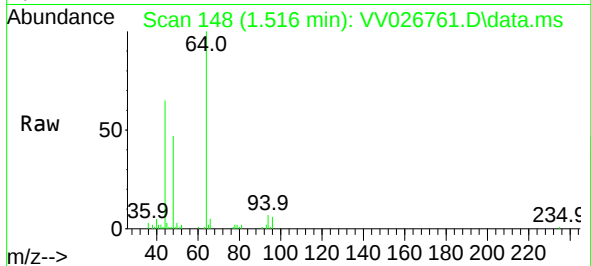




#6
Bromomethane
Concen: 0.080 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

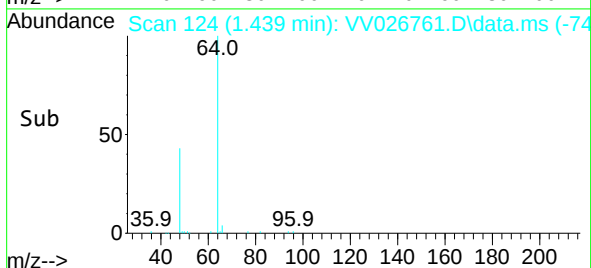
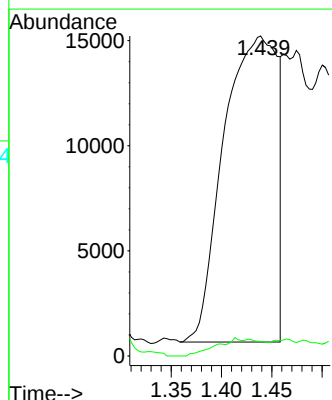
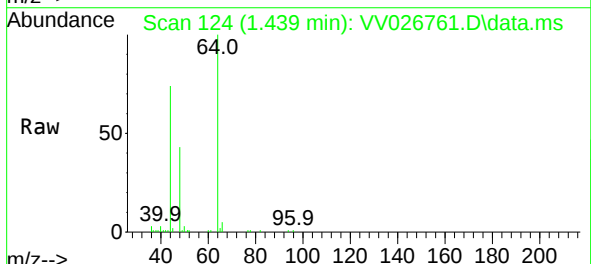
Instrument :
MSVOA_V
ClientSampleId :

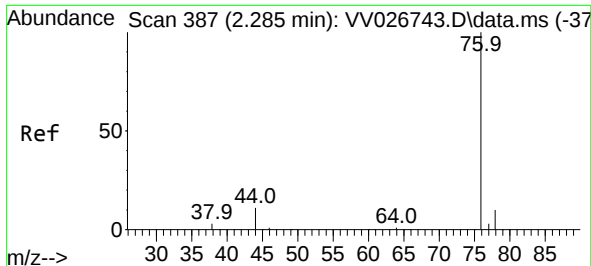
Tgt Ion: 94 Resp: 1315
Ion Ratio Lower Upper
94 100
96 93.8 67.1 124.7



#8
Chloroethane
Concen: 3.319 ug/L
RT: 1.439 min Scan# 124
Delta R.T. -0.138 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

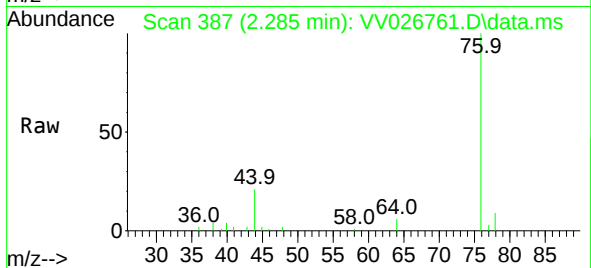
Tgt Ion: 64 Resp: 54014
Ion Ratio Lower Upper
64 100
66 4.5 23.9 44.5#



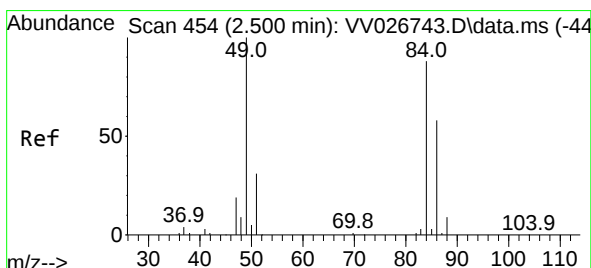
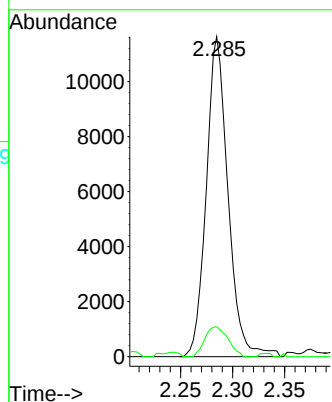
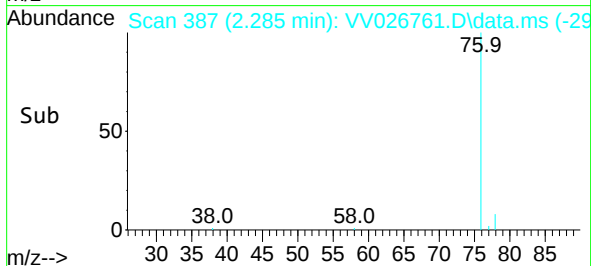


#14
Carbon disulfide
Concen: 0.293 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :

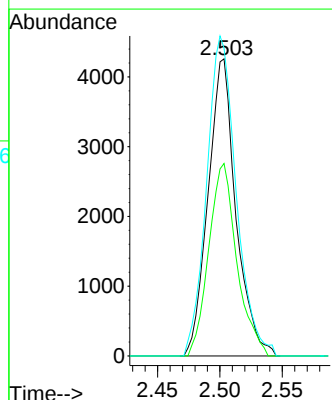
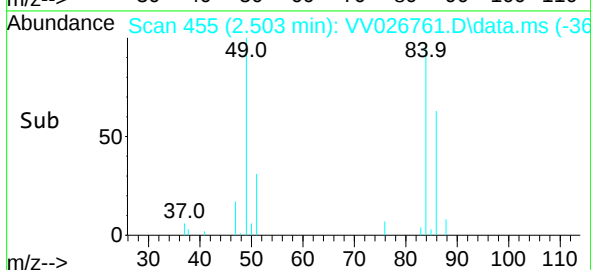
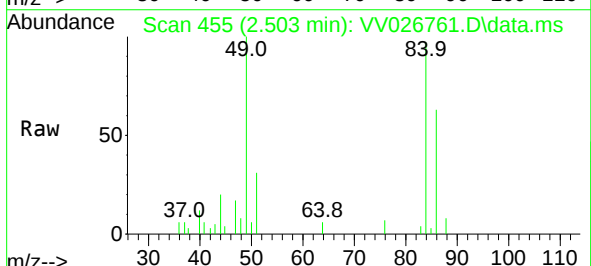


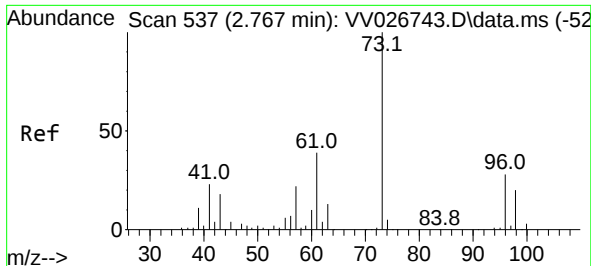
Tgt Ion: 76 Resp: 16858
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#16
Methylene chloride
Concen: 0.285 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

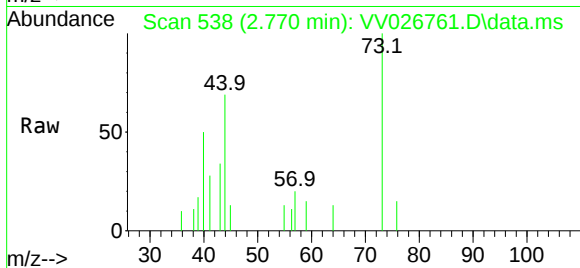
Tgt Ion: 84 Resp: 6628
Ion Ratio Lower Upper
84 100
86 64.8 44.8 83.2
49 103.6 78.7 146.1



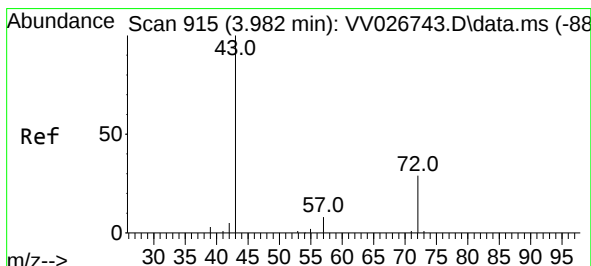
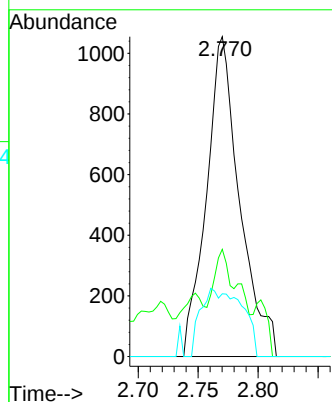
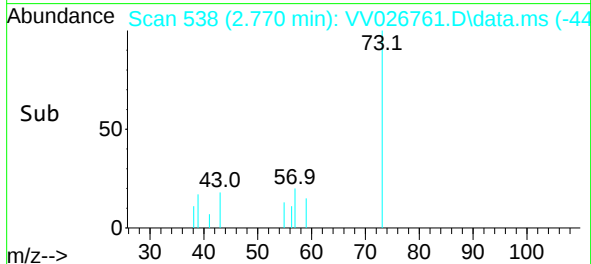


#17
Methyl tert-butyl Ether
Concen: 0.060 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :

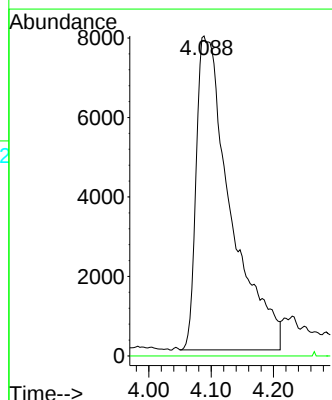
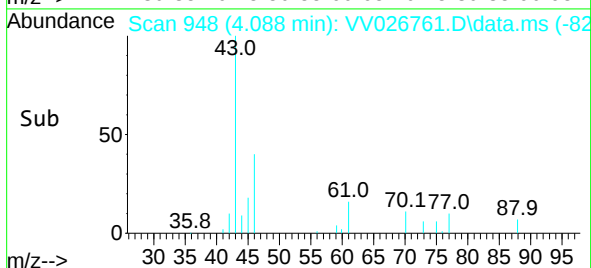
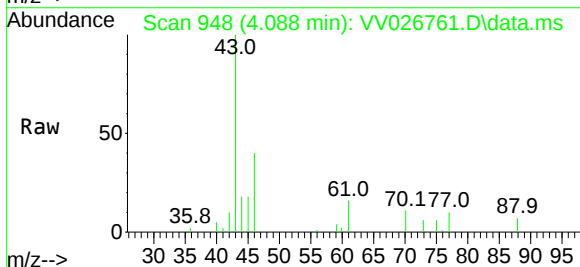


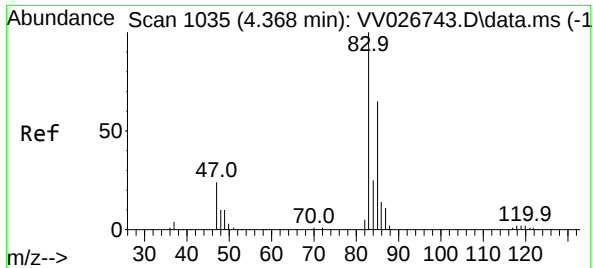
Tgt Ion: 73 Resp: 2031
Ion Ratio Lower Upper
73 100
43 7.4 14.0 21.0#
57 26.5 17.6 26.4#



#21
2-Butanone
Concen: 9.698 ug/L
RT: 4.088 min Scan# 948
Delta R.T. 0.106 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

Tgt Ion: 43 Resp: 30130
Ion Ratio Lower Upper
43 100
72 0.1 13.9 41.7#

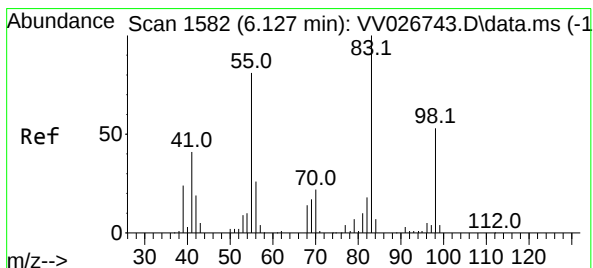
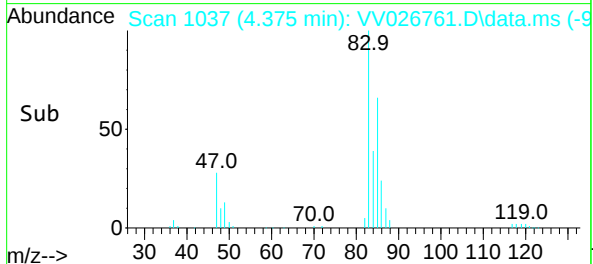
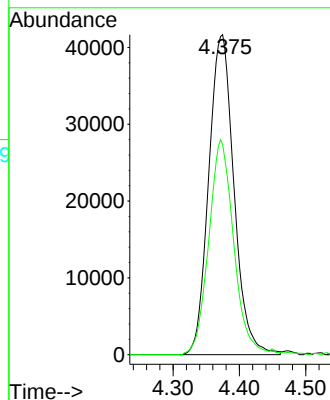
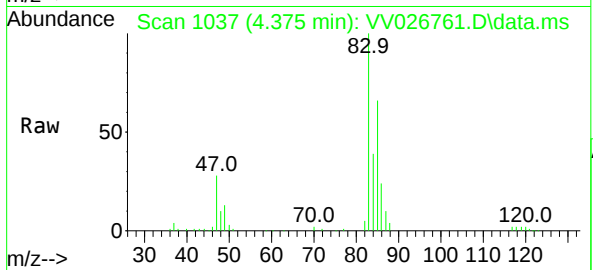




#25
Chloroform
Concen: 3.212 ug/L
RT: 4.375 min Scan# 110
Delta R.T. 0.006 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

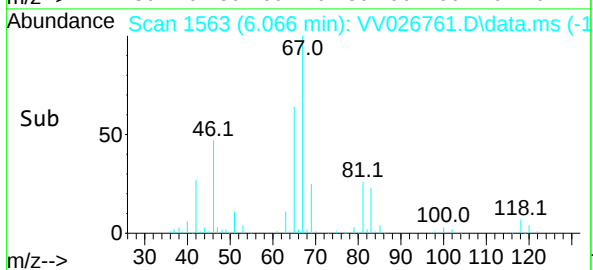
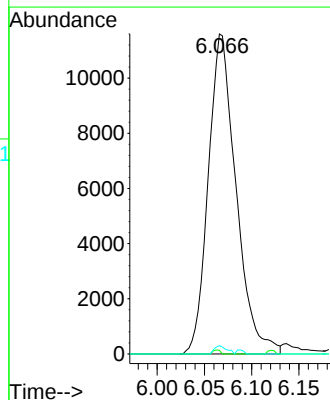
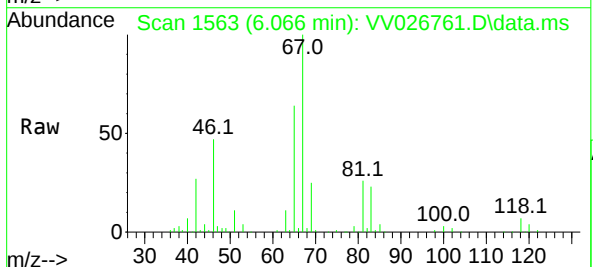
Instrument :
MSVOA_V
ClientSampleId :

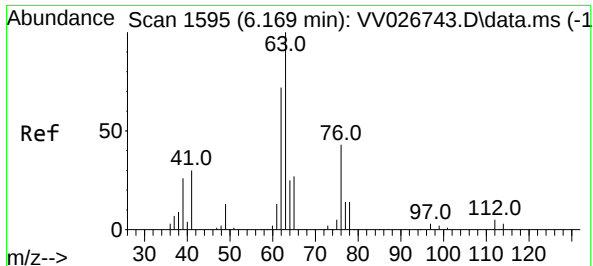
Tgt Ion: 83 Resp: 110083
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

Tgt Ion: 83 Resp: 23718
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 1.1 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026761.D

Acq: 13 Jul 2022 18:48

Instrument :

MSVOA_V

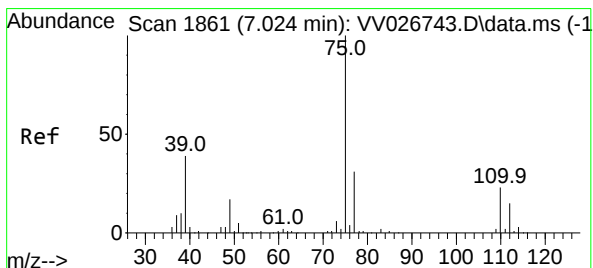
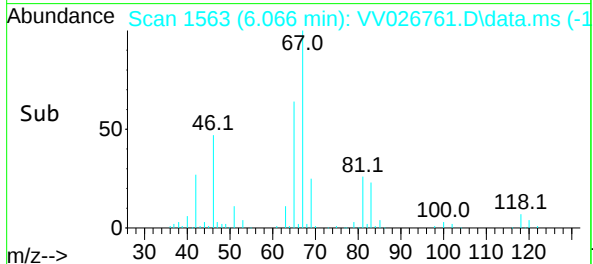
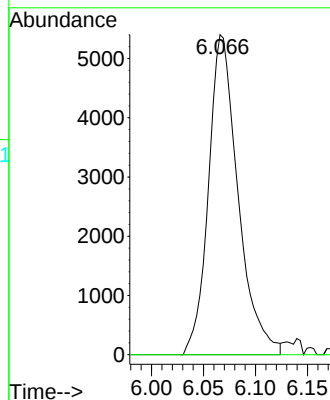
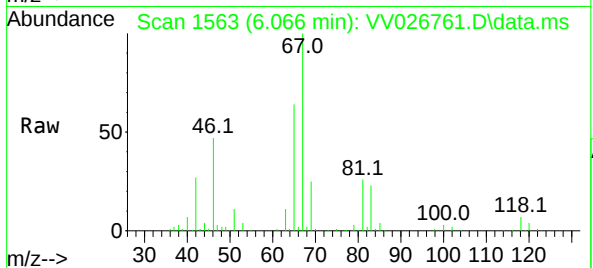
ClientSampleId :

Tgt Ion: 63 Resp: 10690

Ion Ratio Lower Upper

63 100

112 0.9 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV026761.D

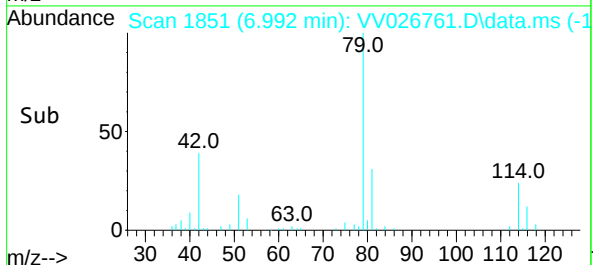
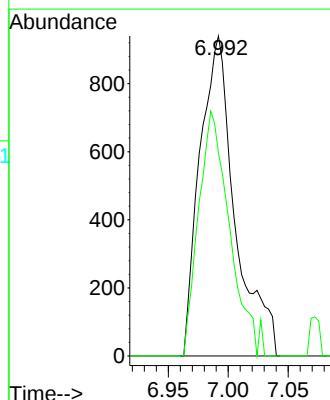
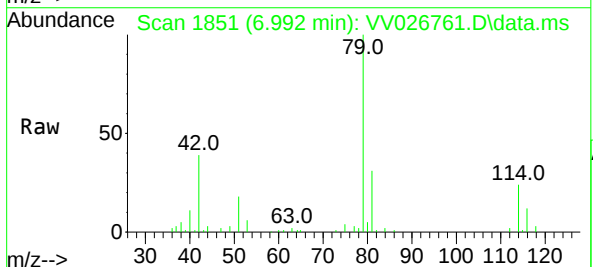
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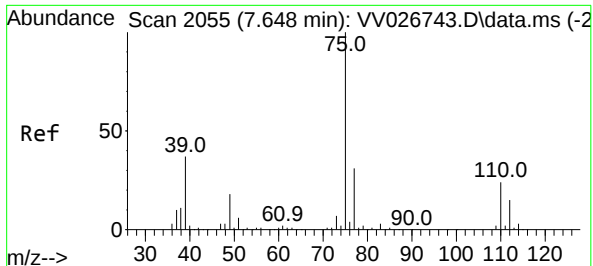
Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 63.5 21.4 39.8#

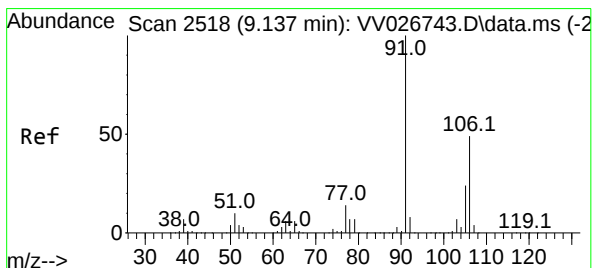
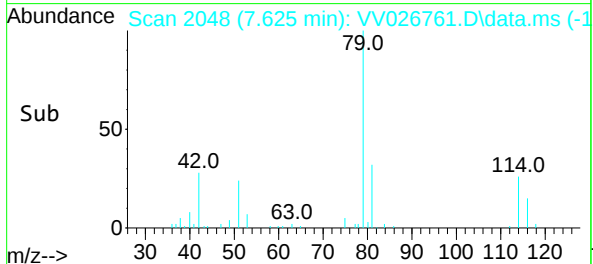
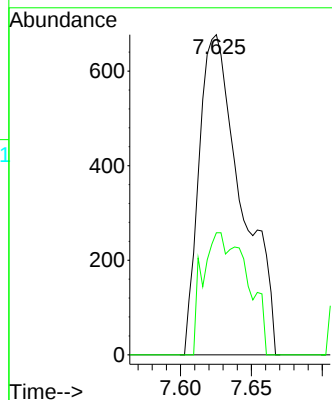
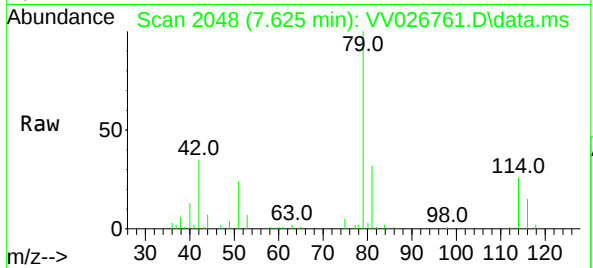




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

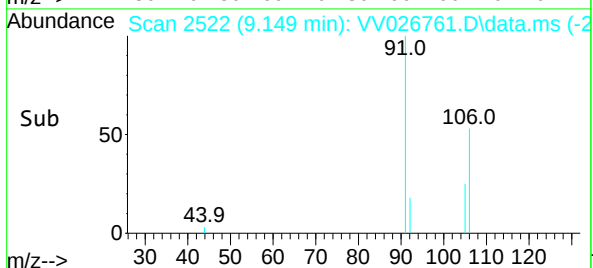
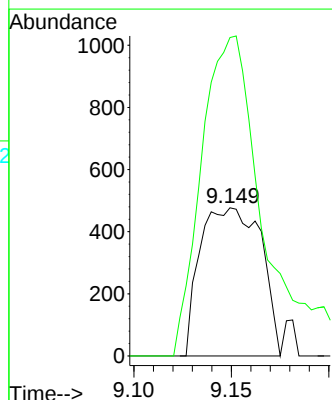
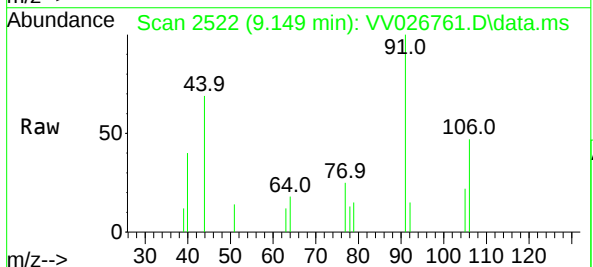
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MSVOA_V
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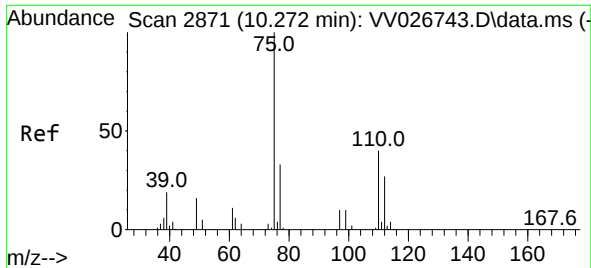
Tgt Ion: 75 Resp: 1408
Ion Ratio Lower Upper
75 100
77 38.1 22.7 42.3



#53
m,p-Xylene
Concen: 0.035 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV026761.D
Acq: 13 Jul 2022 18:48

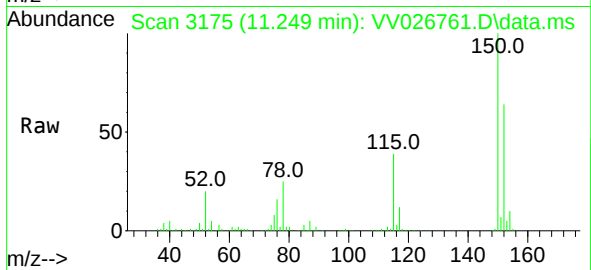
Tgt Ion: 106 Resp: 1037
Ion Ratio Lower Upper
106 100
91 214.9 139.3 258.7





#61
 1,2,3-Trichloropropane
 Concen: 1.333 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV026761.D
 Acq: 13 Jul 2022 18:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	10996
Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0
110	2.0	31.8	47.6#

