

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027846.D
 Acq On : 15 Sep 2022 10:53
 Operator : SY/MD
 Sample : VV0915WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK229

Quant Time: Sep 16 01:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

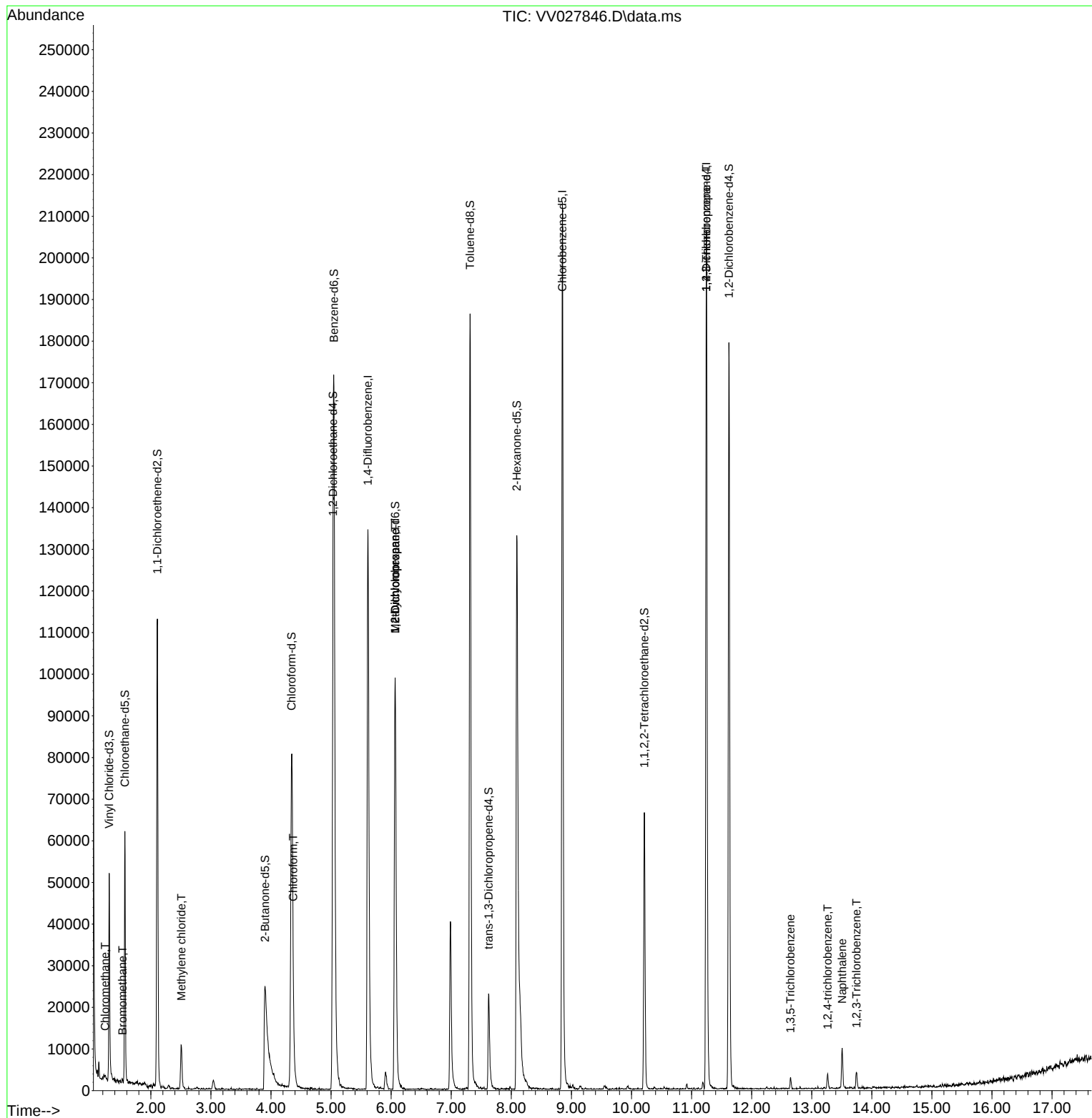
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	125983	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	123756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34818	4.193	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.568	69	36688	5.208	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.108	63	59902	3.399	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.899	46	62948	34.203	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.400%	
24) Chloroform-d	4.342	84	88633	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.030	65	46158	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	5.046	84	162555	4.528	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.066	67	46425	4.417	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.313	98	130747	4.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.622	79	14753	4.184	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.091	63	50102	38.221	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.440%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	30348	4.496	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49400	5.055	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	488	0.043	ug/L #	69
6) Bromomethane	1.529	94	379	0.062	ug/L #	56
16) Methylene chloride	2.506	84	4587	0.427	ug/L	93
25) Chloroform	4.368	83	1494	0.081	ug/L	93
35) Methylcyclohexane	6.066	83	12544	0.798	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	5638	0.581	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	5843	1.240	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.647	180	1128	0.079	ug/L	91
70) 1,2,4-trichlorobenzene	13.265	180	1400	0.124	ug/L	85
71) Naphthalene	13.506	128	8826	0.498	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	1616	0.161	ug/L #	95

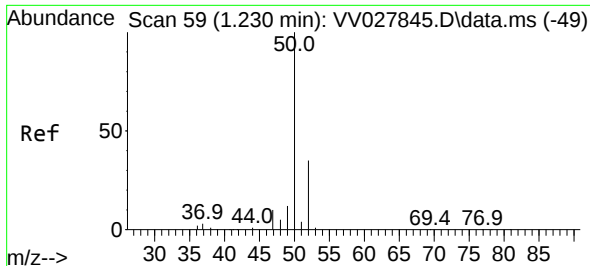
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 01:29:01 2022
Response via : Initial Calibration

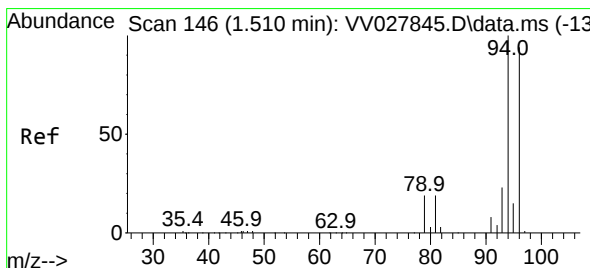
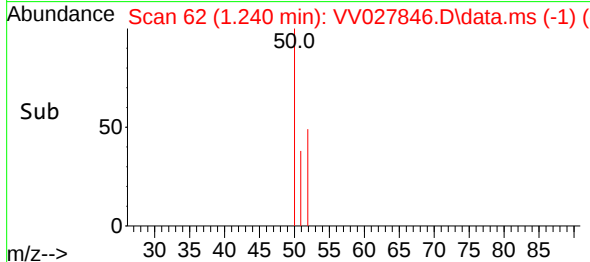
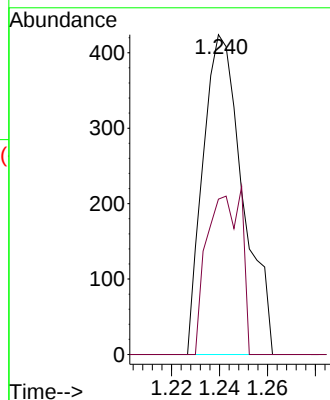
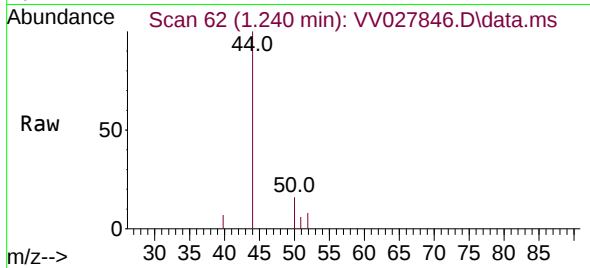




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.009 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

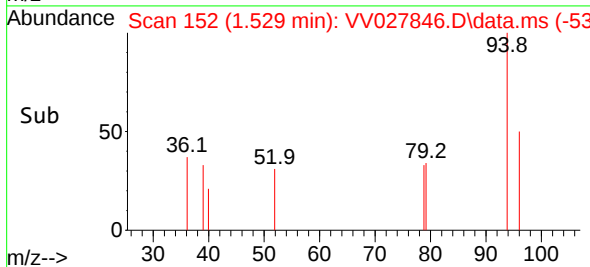
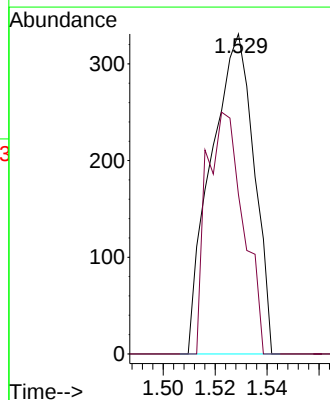
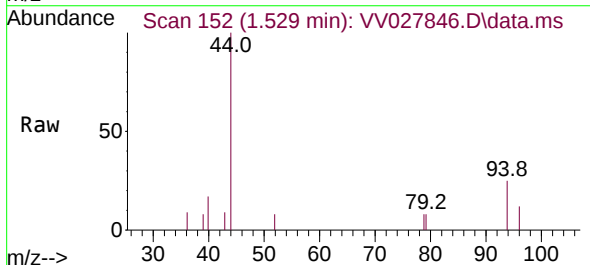
Instrument :
MSVOA_V
ClientSampleId :
VBLK229

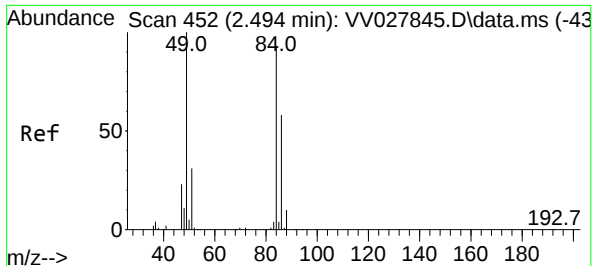
Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 48.6 22.1 41.1#



#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.019 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 49.8 64.2 119.2#

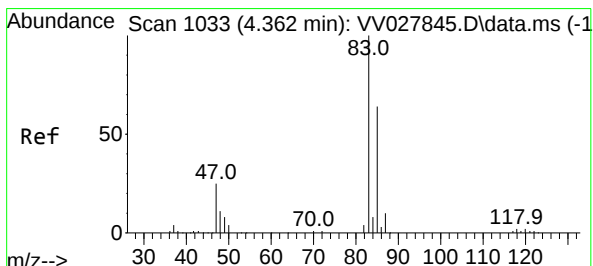
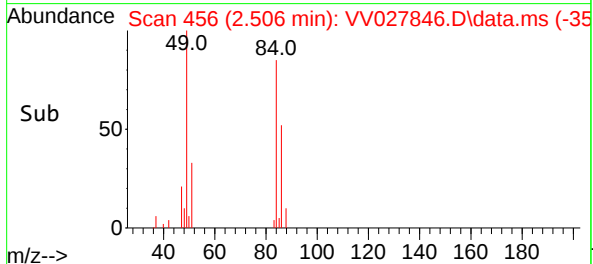
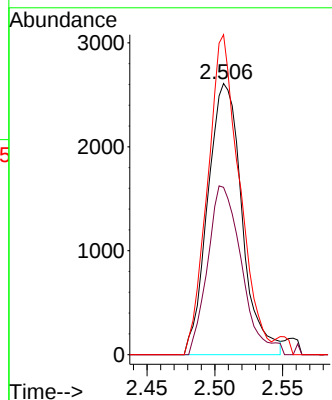
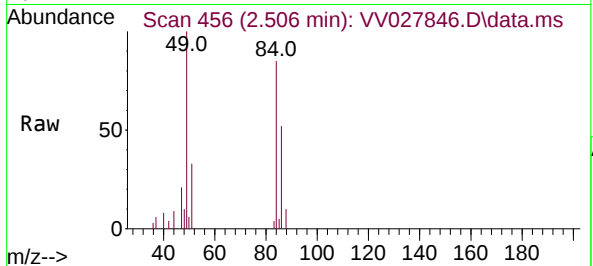




#16
Methylene chloride
Concen: 0.427 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.013 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

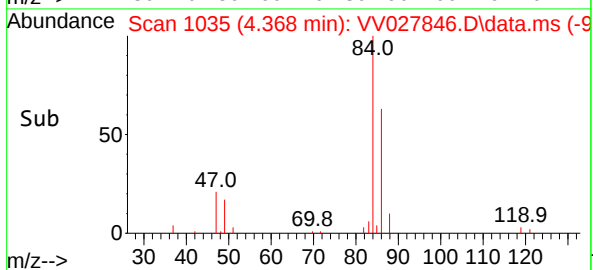
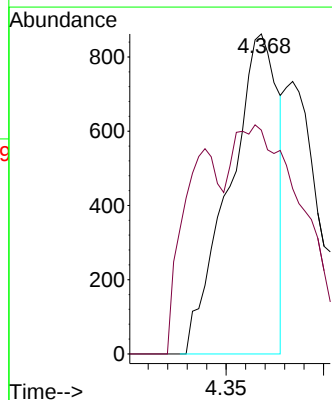
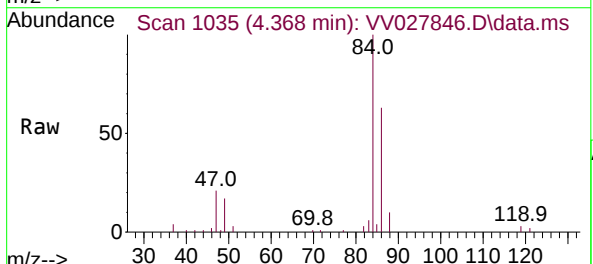
Instrument :
MSVOA_V
ClientSampleId :
VBLK229

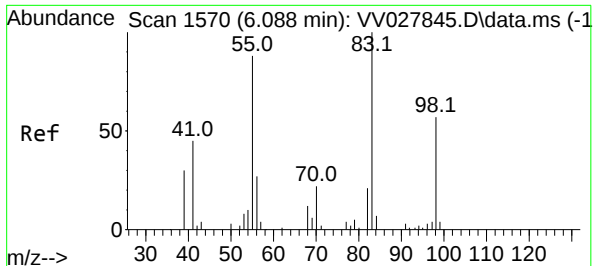
Tgt Ion: 84 Resp: 4587
Ion Ratio Lower Upper
84 100
86 61.7 44.9 83.3
49 118.0 90.1 167.3



#25
Chloroform
Concen: 0.081 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

Tgt Ion: 83 Resp: 1494
Ion Ratio Lower Upper
83 100
85 70.0 45.4 84.2

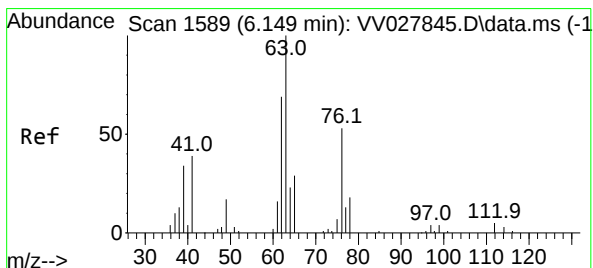
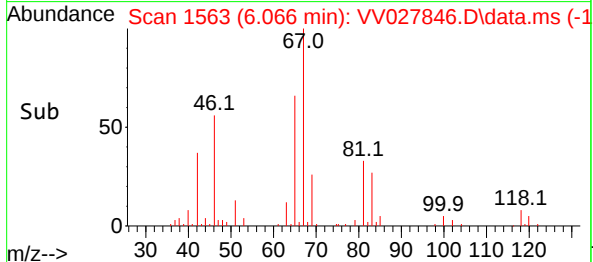
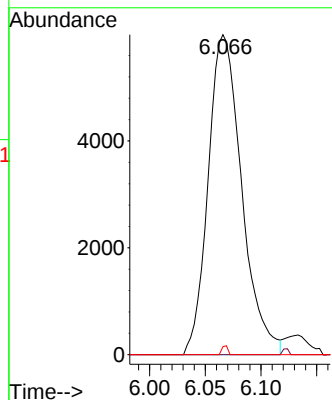
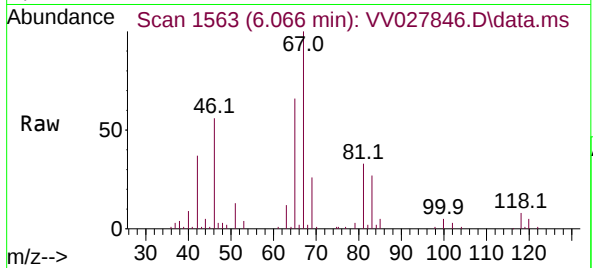




#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.023 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

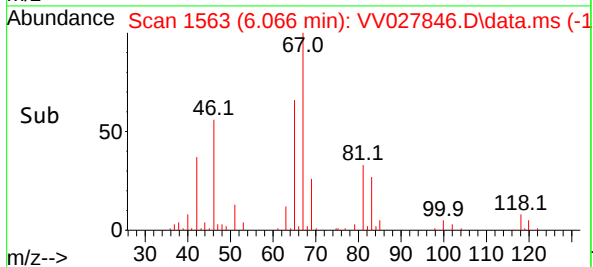
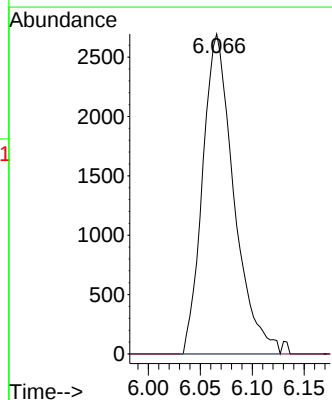
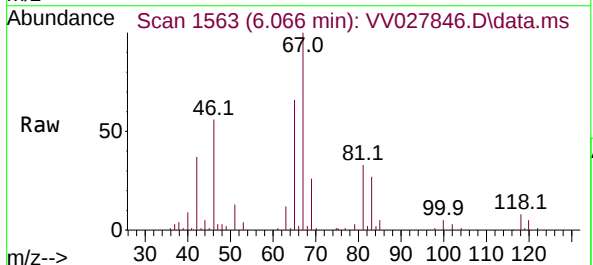
Instrument :
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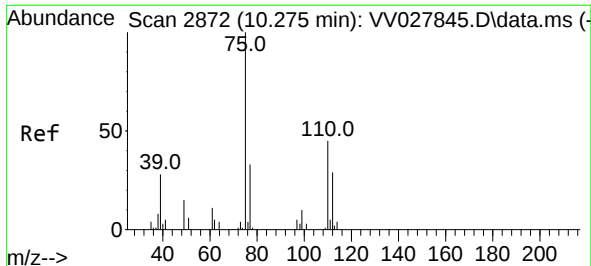
Tgt Ion: 83 Resp: 12544
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.5 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.084 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

Tgt Ion: 63 Resp: 5638
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

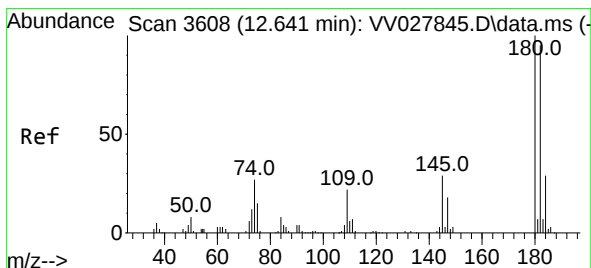
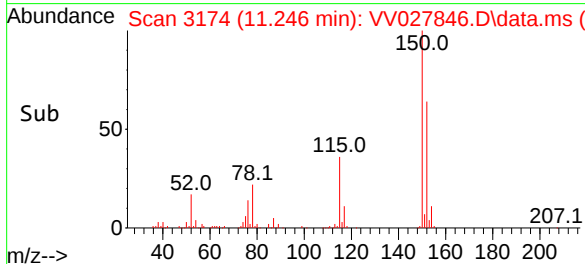
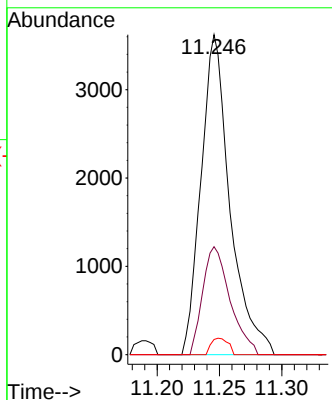
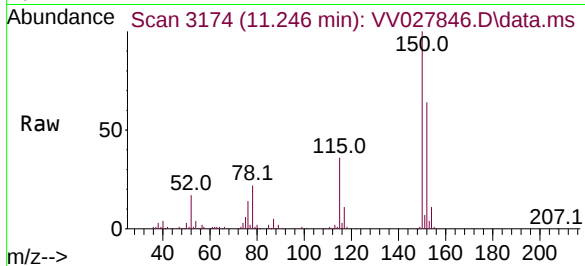




#61
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

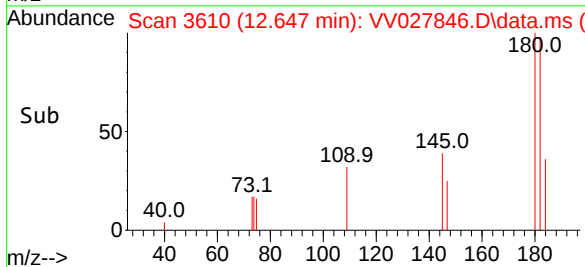
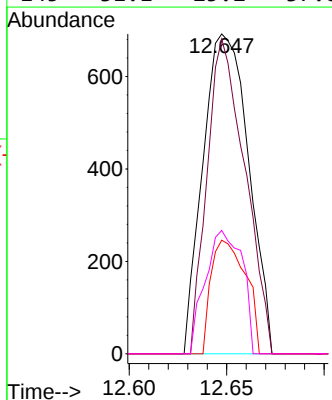
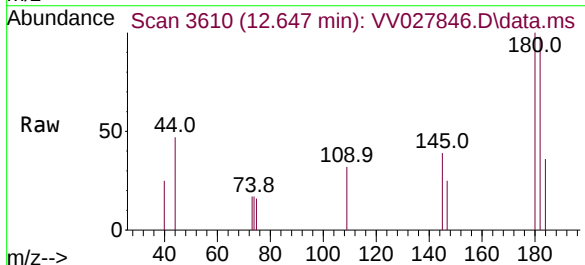
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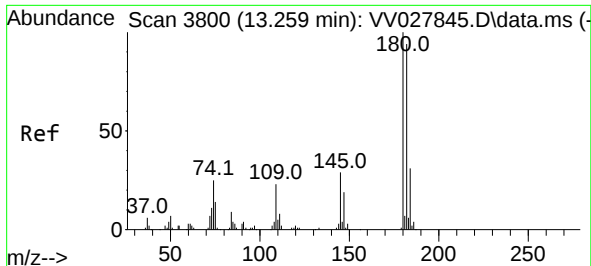
Tgt Ion: 75 Resp: 5843
Ion Ratio Lower Upper
75 100
77 32.0 27.6 41.4
110 3.0 35.6 53.4#



#69
1,3,5-Trichlorobenzene
Concen: 0.079 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.006 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

Tgt Ion:180 Resp: 1128
Ion Ratio Lower Upper
180 100
182 81.6 75.8 113.8
184 26.9 23.8 35.6
145 31.1 25.2 37.8

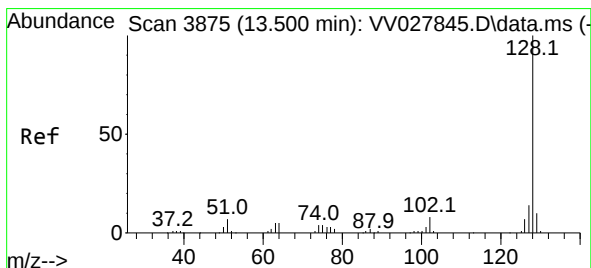
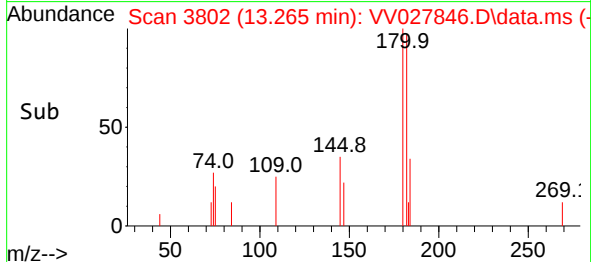
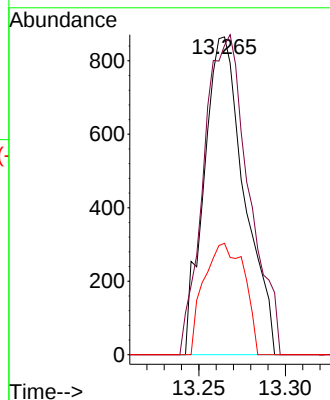
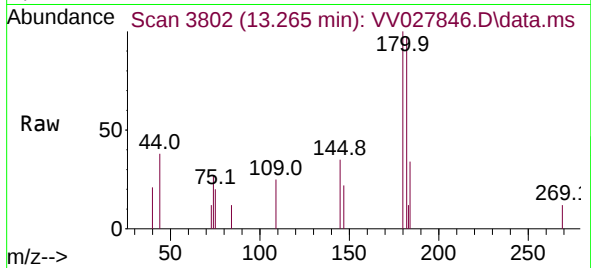




#70
1,2,4-trichlorobenzene
Concen: 0.124 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

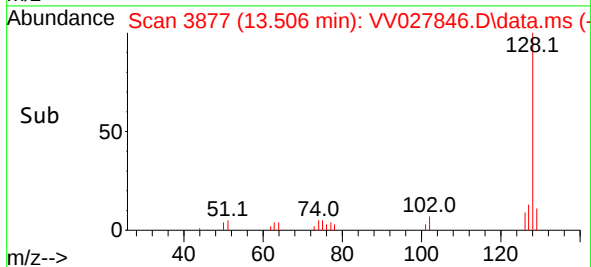
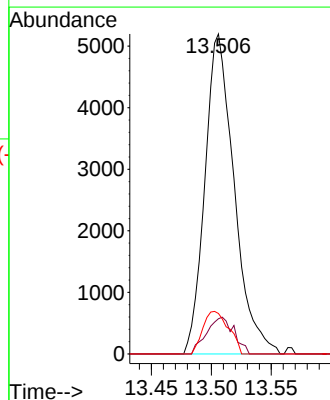
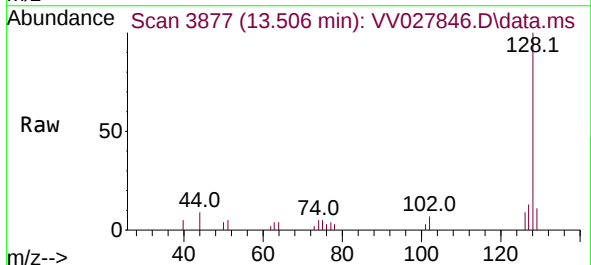
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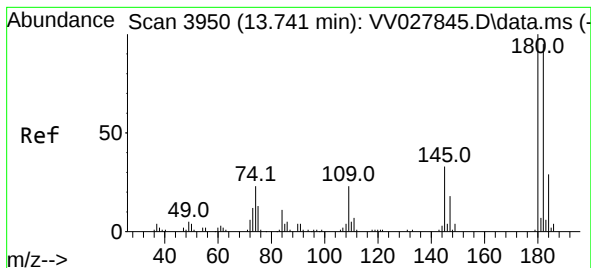
Tgt Ion:180	Resp:	1400
Ion Ratio	Lower	Upper
180	100	
182	112.2	76.6 114.8
145	35.0	24.6 37.0



#71
Naphthalene
Concen: 0.498 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV027846.D
Acq: 15 Sep 2022 10:53

Tgt Ion:128	Resp:	8826
Ion Ratio	Lower	Upper
128	100	
129	10.7	9.2 13.8
127	11.7	10.6 16.0





#72

1,2,3-Trichlorobenzene

Concen: 0.161 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027846.D

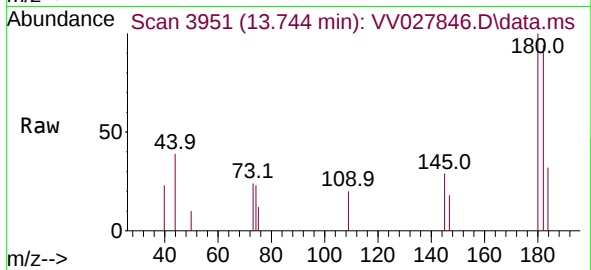
Acq: 15 Sep 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VBLK229



Tgt Ion:180 Resp: 1616

Ion Ratio Lower Upper

180 100

182 93.4 76.5 114.7

145 26.2 26.5 39.7#

