

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028674.D
 Acq On : 21 Oct 2022 20:21
 Operator : SY/MD
 Sample : N5233-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA52

Quant Time: Oct 21 23:06:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

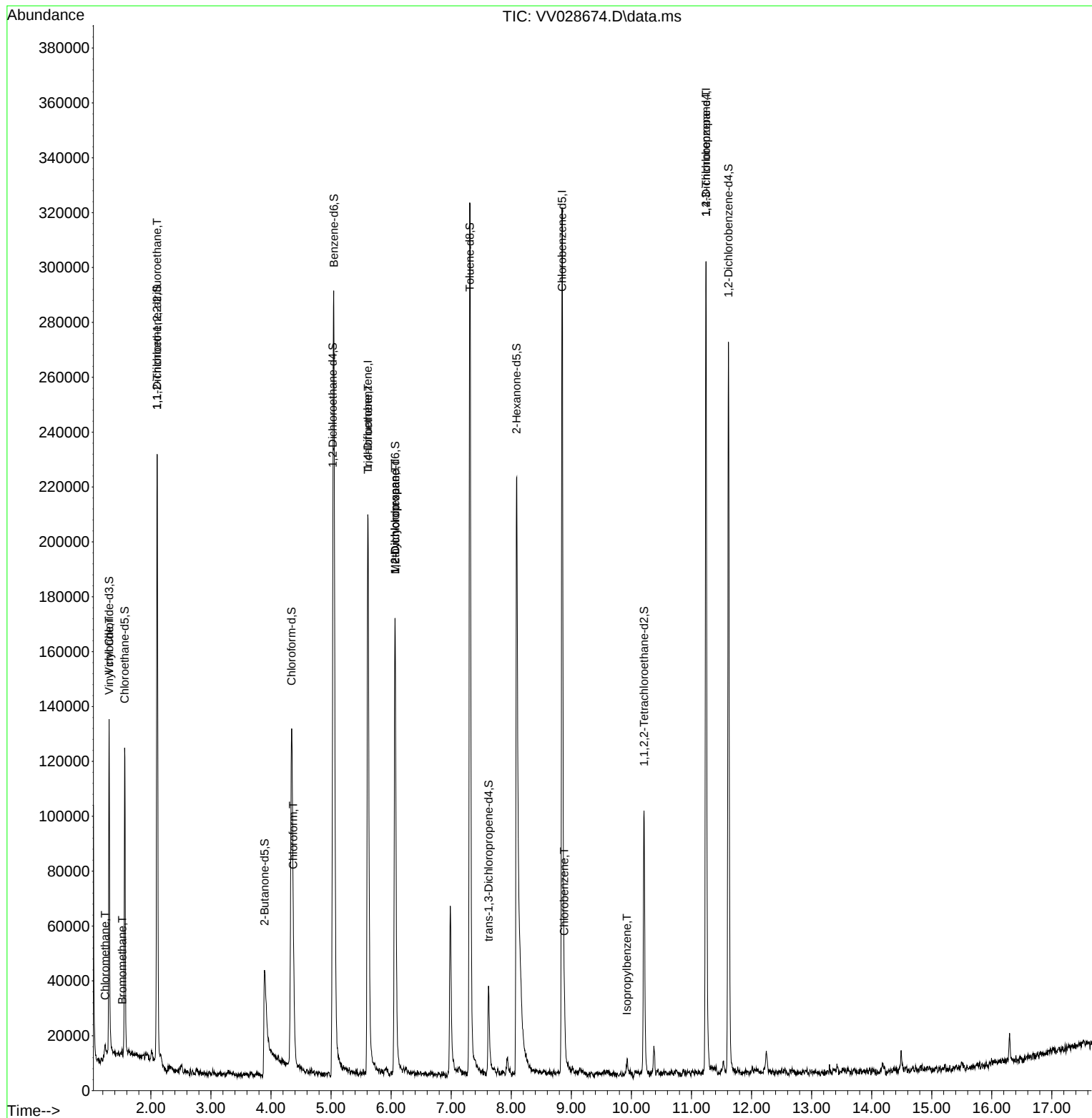
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	175006	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	159124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	69628	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82162	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.564	69	72359	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.105	63	120105	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.892	46	83075	25.475	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.940%
24) Chloroform-d	4.342	84	122474	4.765	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.031	65	58891	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.047	84	254598	3.677	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.066	67	81861	3.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.310	98	210118	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.622	79	19197	3.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.088	63	111104	50.774	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47566	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	62352	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2294	0.135	ug/L	84
5) Vinyl chloride	1.307	62	797	0.049	ug/L #	1
6) Bromomethane	1.523	94	591	0.074	ug/L	78
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1135	0.094	ug/L #	30
25) Chloroform	4.371	83	25338	0.929	ug/L	96
34) Trichloroethene	5.616	95	5476	0.318	ug/L #	11
35) Methylcyclohexane	6.066	83	18557	0.686	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8483	0.425	ug/L #	88
51) Chlorobenzene	8.882	112	11745	0.325	ug/L	92
60) Isopropylbenzene	9.927	105	3087	0.053	ug/L #	90
61) 1,2,3-Trichloropropane	11.242	75	10930	1.449	ug/L #	71

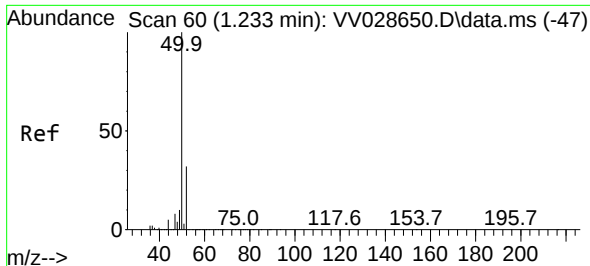
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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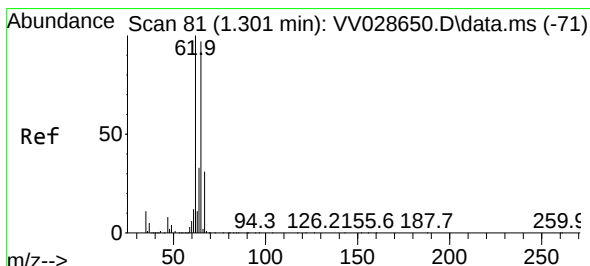
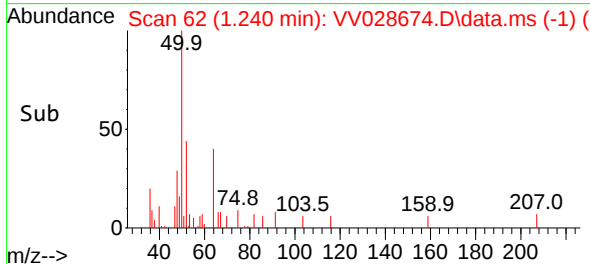
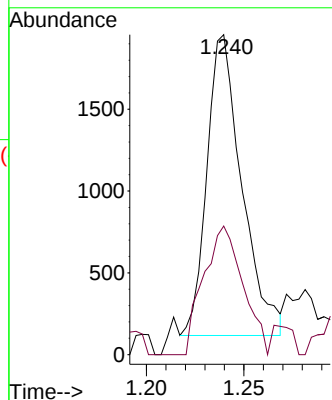
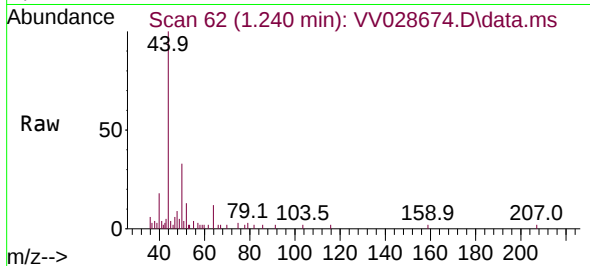




#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

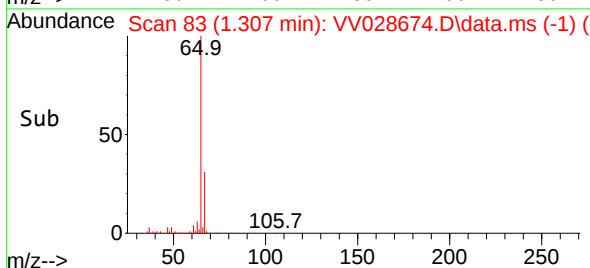
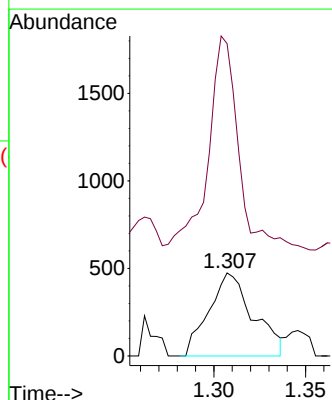
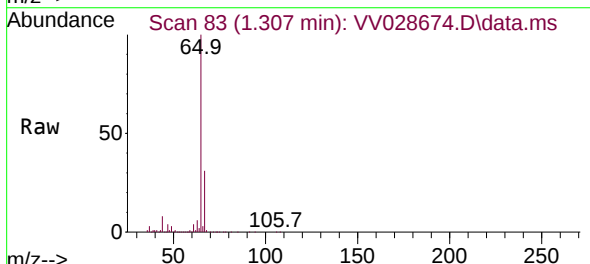
Instrument :
MSVOA_V
ClientSampleId :
BHA52

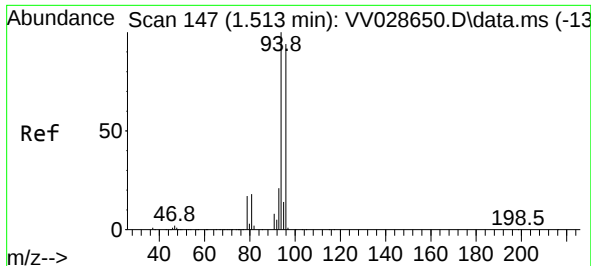
Tgt Ion: 50 Resp: 2294
Ion Ratio Lower Upper
50 100
52 40.2 21.8 40.6



#5
Vinyl chloride
Concen: 0.049 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.006 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

Tgt Ion: 62 Resp: 797
Ion Ratio Lower Upper
62 100
64 376.4 22.0 41.0#

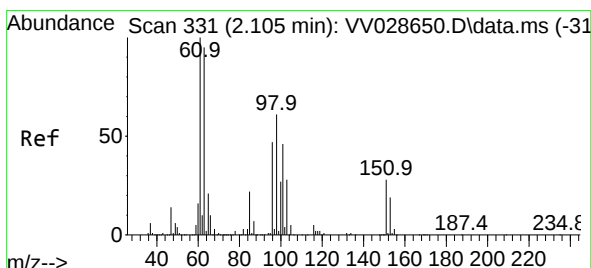
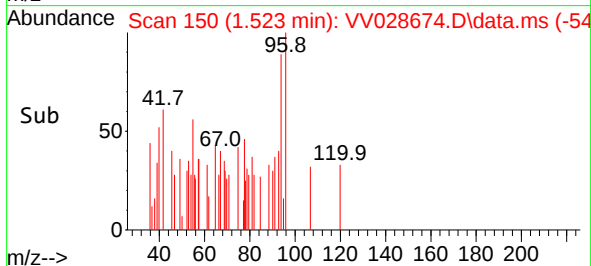
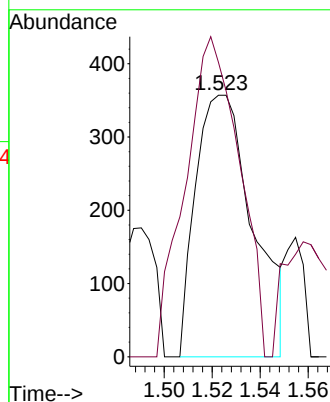
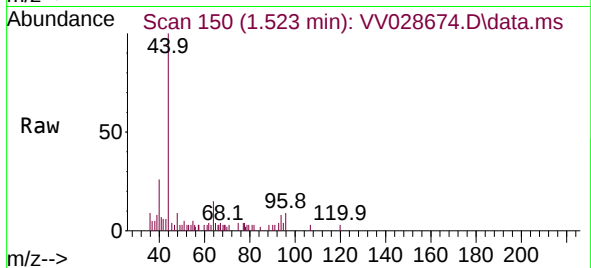




#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

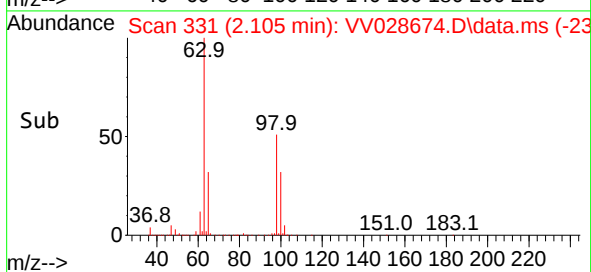
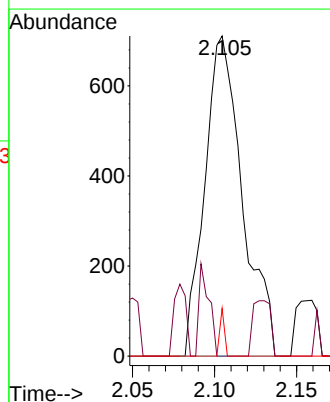
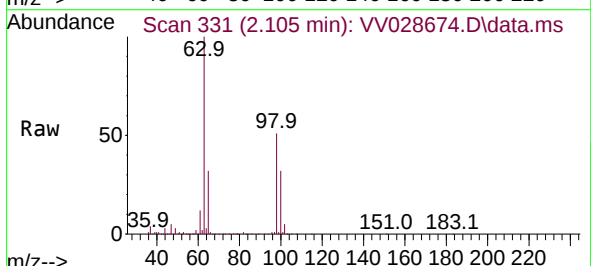
Instrument :
MSVOA_V
ClientSampleId :
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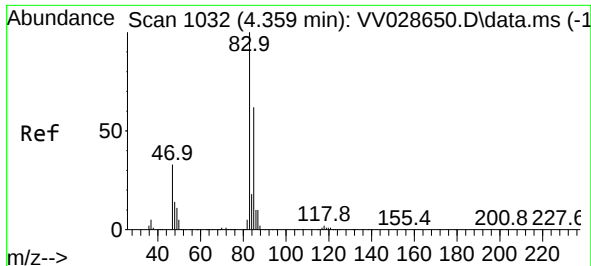
Tgt Ion: 94 Resp: 591
Ion Ratio Lower Upper
94 100
96 112.6 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

Tgt Ion:101 Resp: 1135
Ion Ratio Lower Upper
101 100
85 7.8 37.0 55.6#
151 1.8 50.2 75.2#

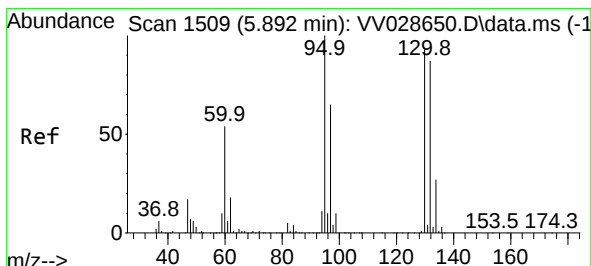
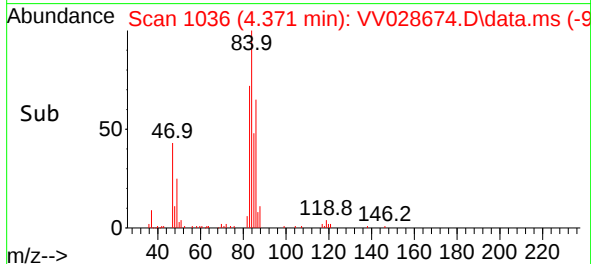
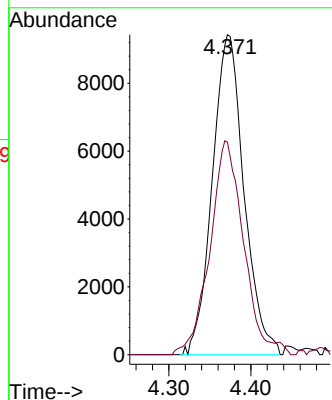
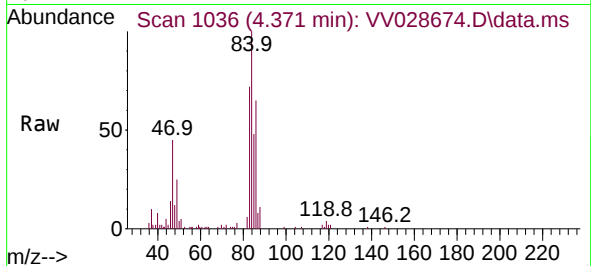




#25
Chloroform
Concen: 0.929 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.013 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

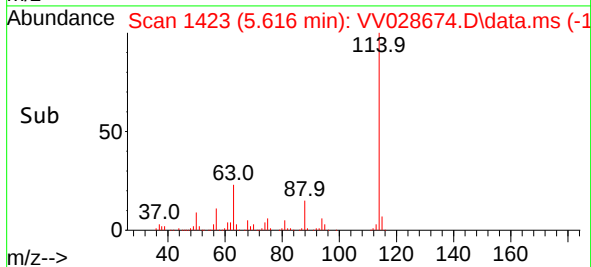
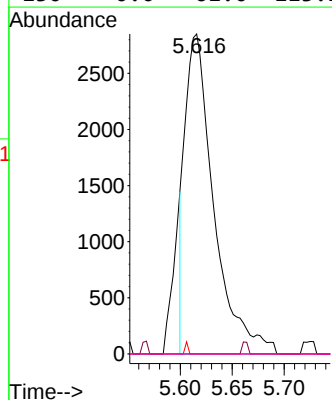
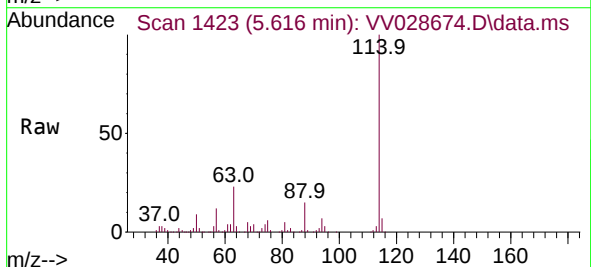
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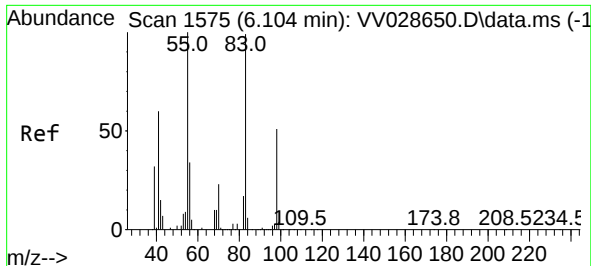
Tgt Ion: 83 Resp: 25338
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9



#34
Trichloroethene
Concen: 0.318 ug/L
RT: 5.616 min Scan# 1423
Delta R.T. -0.277 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

Tgt Ion: 95 Resp: 5476
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.9#
132 0.0 56.5 104.9#
130 0.0 61.0 113.2#

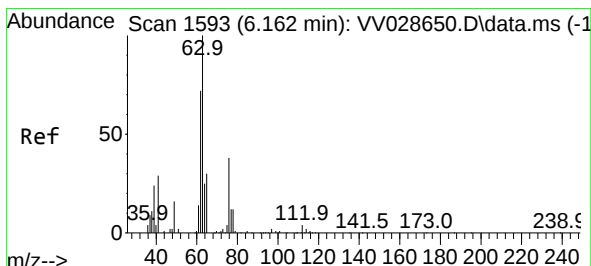
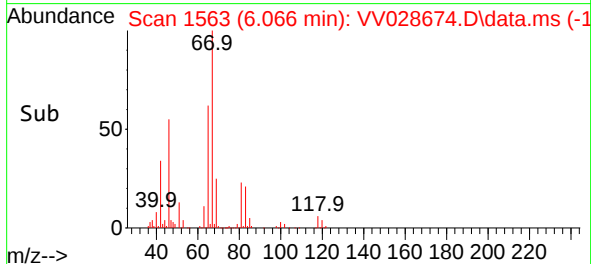
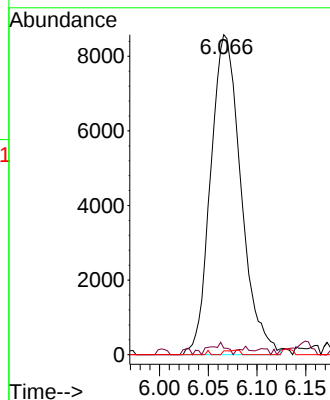
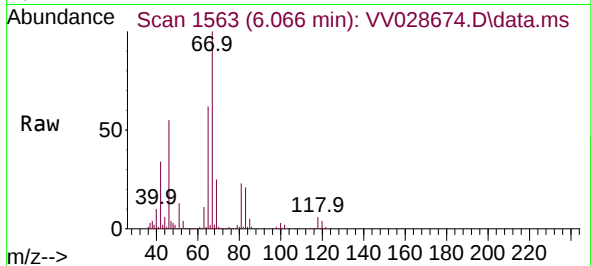




#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.039 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

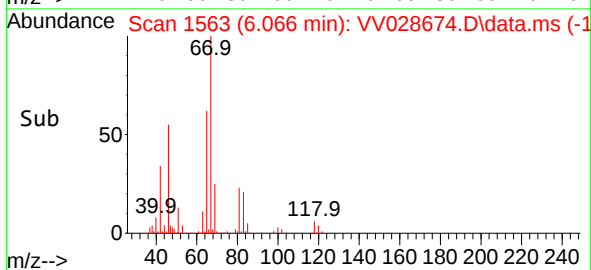
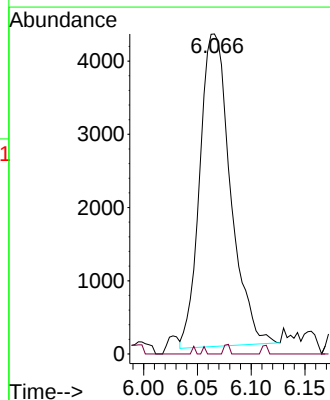
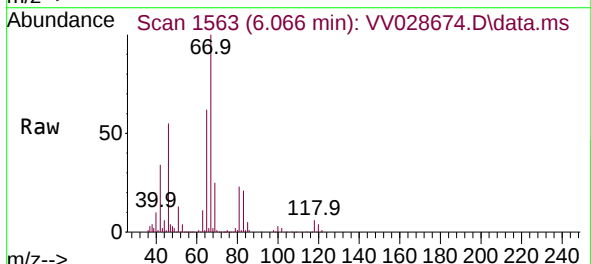
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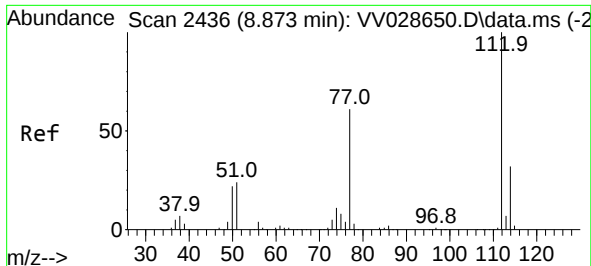
Tgt Ion: 83 Resp: 18557
Ion Ratio Lower Upper
83 100
55 2.1 70.0 105.0#
98 0.1 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 0.425 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.096 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

Tgt Ion: 63 Resp: 8483
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#

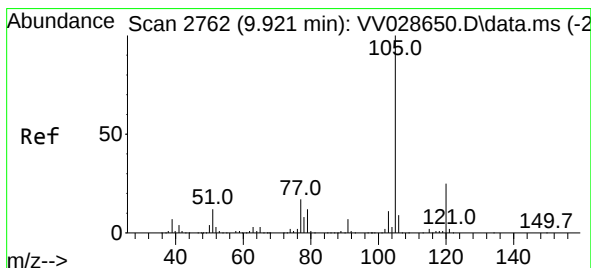
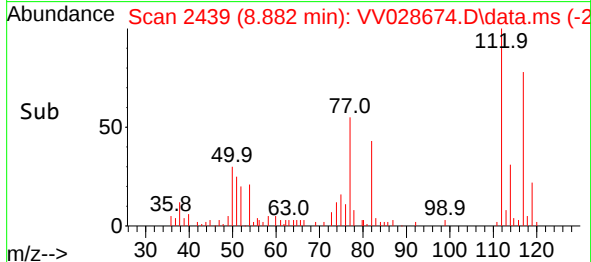
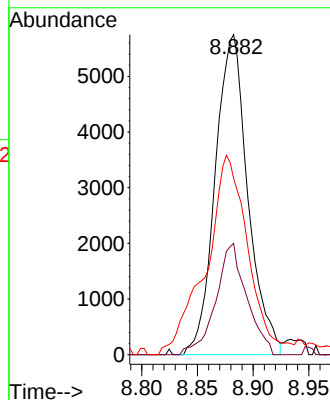
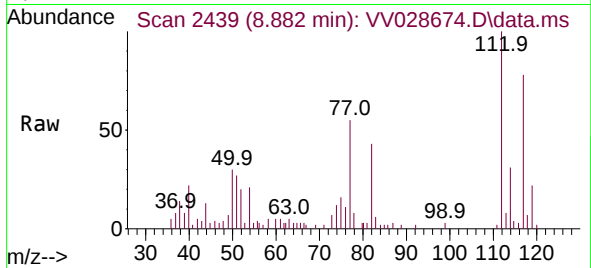




#51
Chlorobenzene
Concen: 0.325 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.010 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

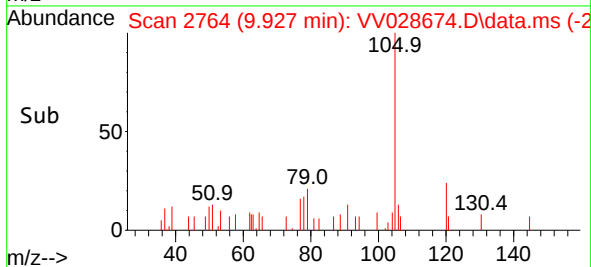
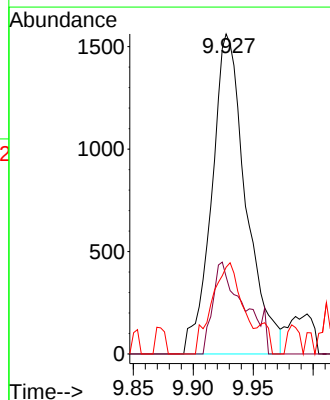
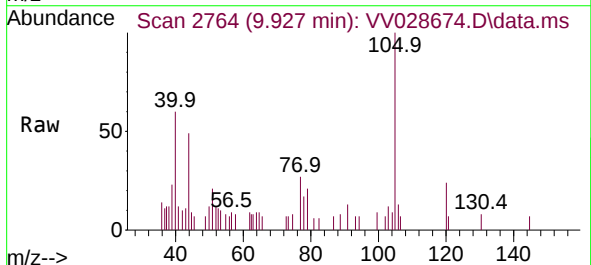
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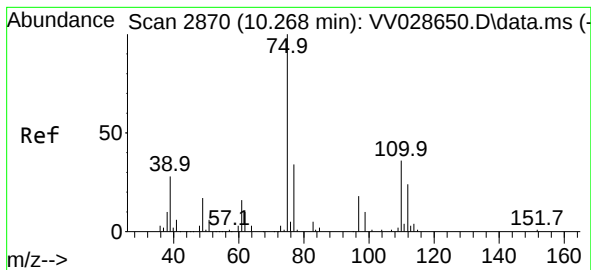
Tgt Ion:112 Resp: 11745
Ion Ratio Lower Upper
112 100
114 34.8 22.0 41.0
77 55.1 50.0 75.0



#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.006 min
Lab File: VV028674.D
Acq: 21 Oct 2022 20:21

Tgt Ion:105 Resp: 3087
Ion Ratio Lower Upper
105 100
120 26.1 20.1 30.1
77 25.9 13.4 20.0#





#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028674.D

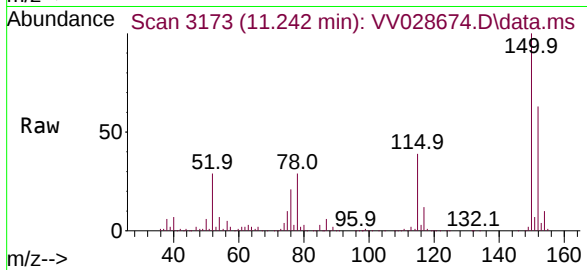
Acq: 21 Oct 2022 20:21

Instrument :

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ClientSampleId :

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Tgt Ion:	75	Resp:	10930
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
110	3.2	27.9	41.9#

