

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028729.D
 Acq On : 27 Oct 2022 19:18
 Operator : SY/MD
 Sample : N5233-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA62

Quant Time: Oct 28 02:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	215888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	83064	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83743	5.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.568	69	75388	5.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.800%
11) 1,1-Dichloroethene-d2	2.105	63	124092	4.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.905	46	184682	53.943	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.880%
24) Chloroform-d	4.342	84	136299	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.031	65	70117	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.047	84	278374	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.066	67	93445	5.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.313	98	227792	5.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	7.625	79	13498	2.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.800%#
46) 2-Hexanone-d5	8.088	63	114533	47.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55532	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	66496	5.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%

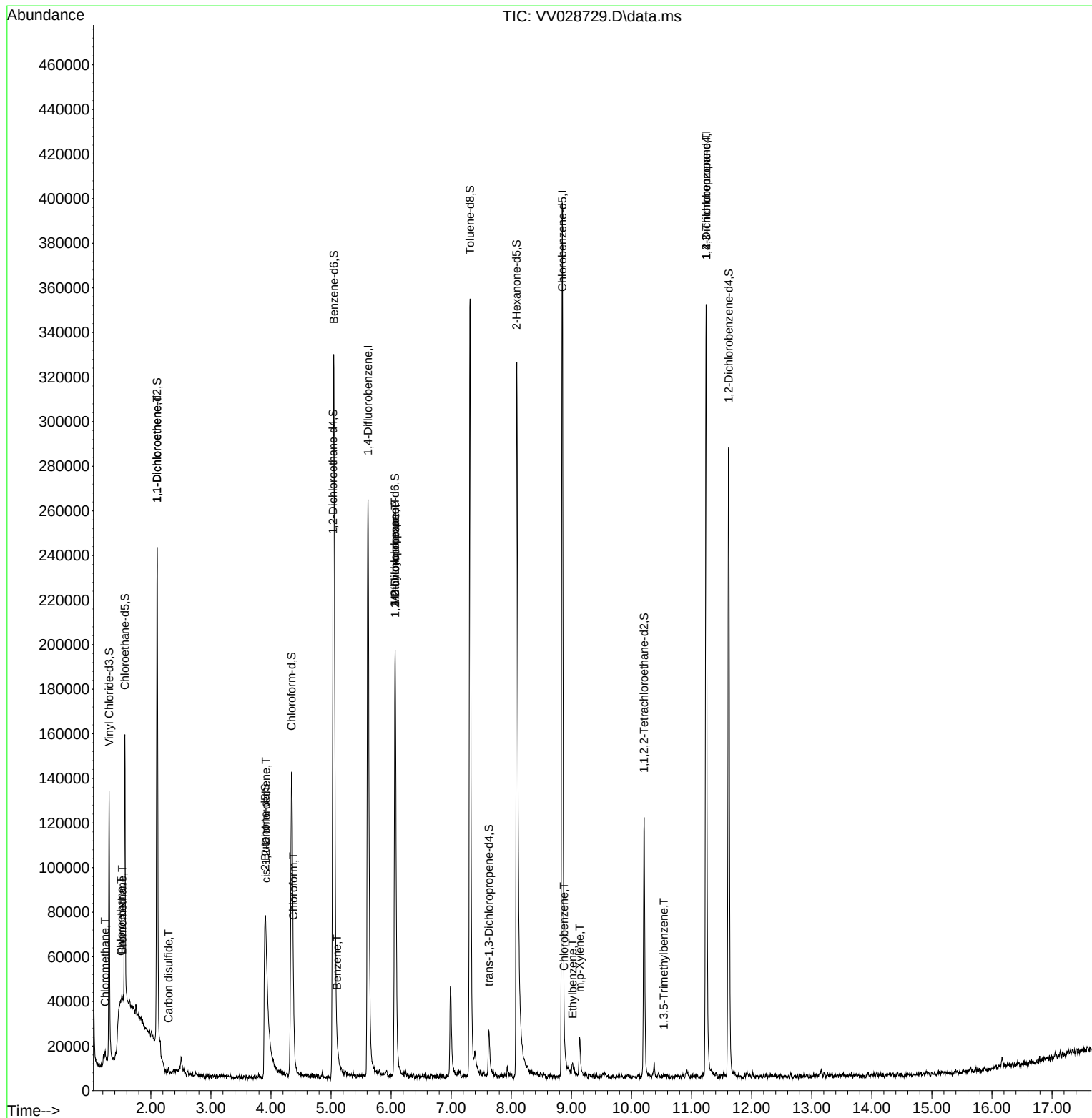
Target Compounds			Qvalue			
3) Chloromethane	1.240	50	2563	0.151	ug/L #	75
6) Bromomethane	1.523	94	1412	0.175	ug/L	100
8) Chloroethane	1.503	64	61114	5.322	ug/L #	49
12) 1,1-Dichloroethene	2.105	96	1260	0.106	ug/L #	1
14) Carbon disulfide	2.294	76	2386	0.087	ug/L #	81
22) cis-1,2-Dichloroethene	3.915	96	451	0.032	ug/L #	70
25) Chloroform	4.371	83	11593	0.414	ug/L	96
33) Benzene	5.098	78	7265	0.123	ug/L	100
35) Methylcyclohexane	6.066	83	21301	1.050	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	11244	0.742	ug/L #	88
51) Chlorobenzene	8.879	112	1196	0.034	ug/L	88
52) Ethylbenzene	9.021	91	4040	0.065	ug/L	96
53) m,p-Xylene	9.136	106	4724	0.209	ug/L	97
61) 1,2,3-Trichloropropane	11.242	75	12841	1.801	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.542	105	534	0.035	ug/L	90

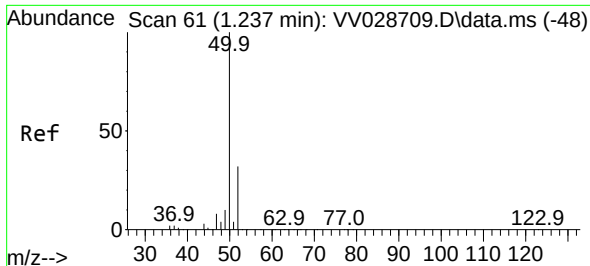
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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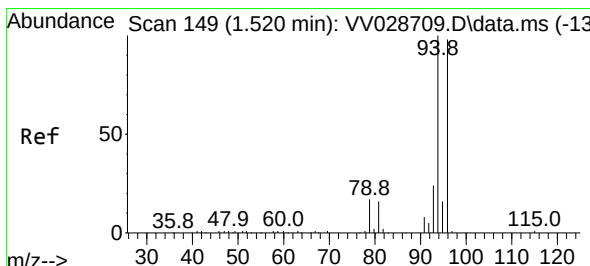
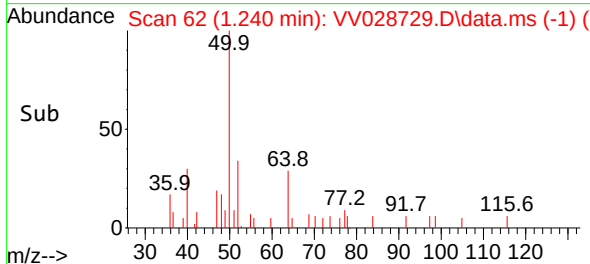
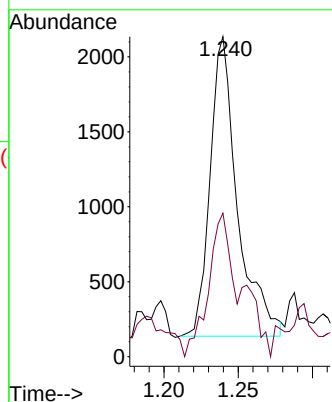
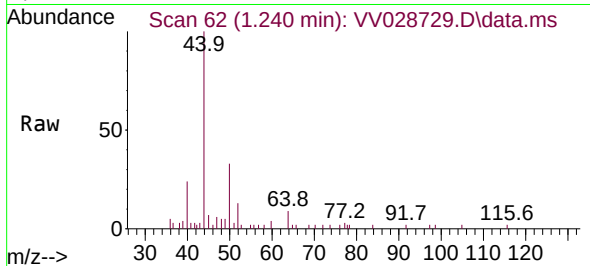




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

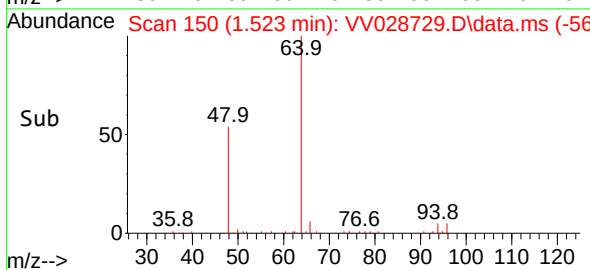
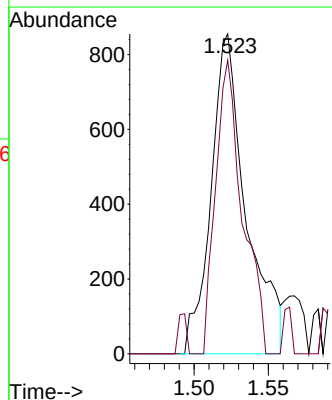
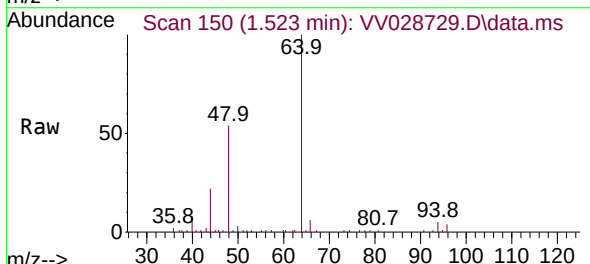
Instrument :
MSVOA_V
ClientSampleId :
BHA62

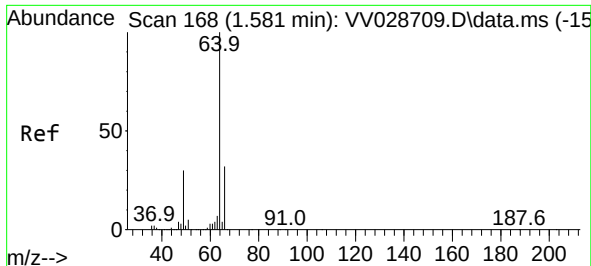
Tgt Ion: 50 Resp: 2563
Ion Ratio Lower Upper
50 100
52 44.9 21.8 40.6#



#6
Bromomethane
Concen: 0.175 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 94 Resp: 1412
Ion Ratio Lower Upper
94 100
96 91.8 64.3 119.3

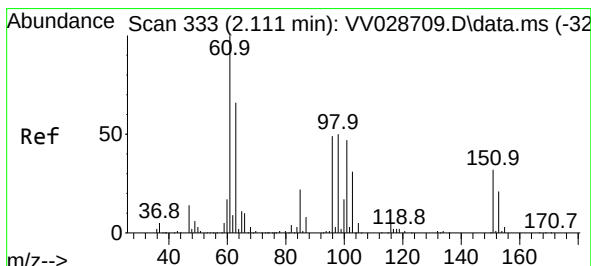
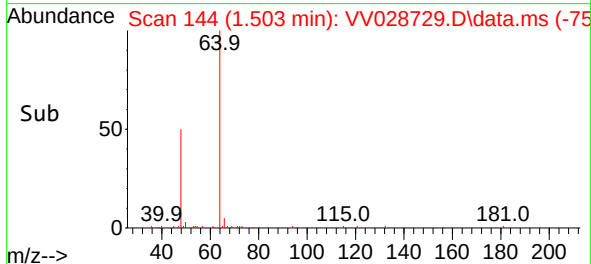
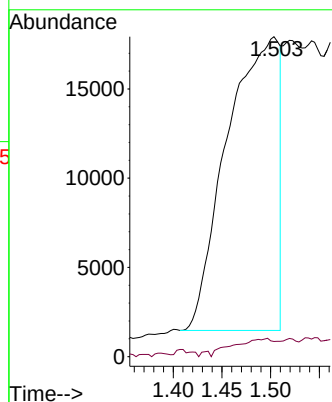
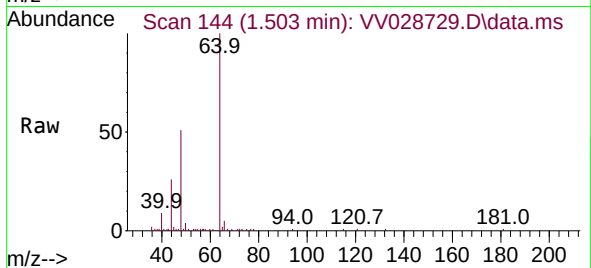




#8
Chloroethane
Concen: 5.322 ug/L
RT: 1.503 min Scan# 14
Delta R.T. -0.077 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

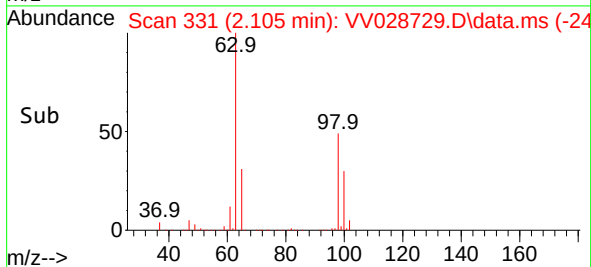
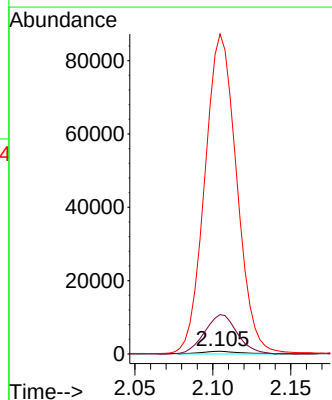
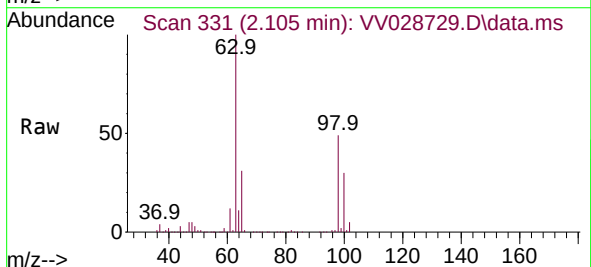
Instrument :
MSVOA_V
ClientSampleId :
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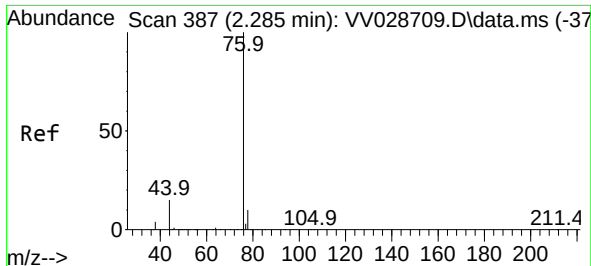
Tgt Ion: 64 Resp: 61114
Ion Ratio Lower Upper
64 100
66 4.8 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 96 Resp: 1260
Ion Ratio Lower Upper
96 100
61 1479.9 148.1 275.1#
63 12037.5 133.3 247.7#

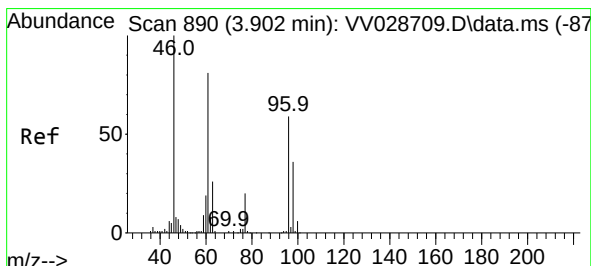
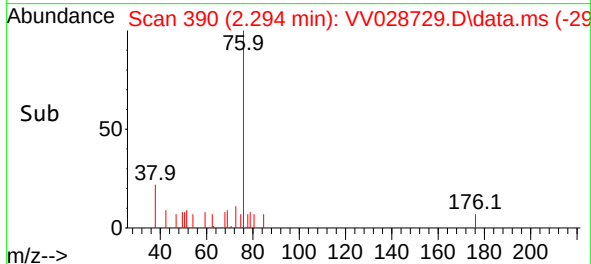
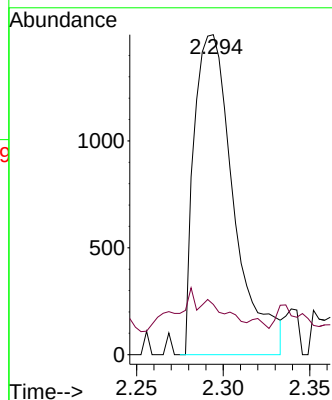
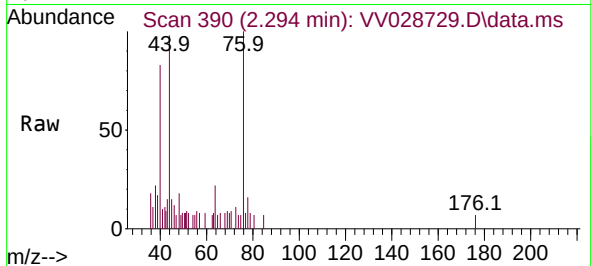




#14
Carbon disulfide
Concen: 0.087 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

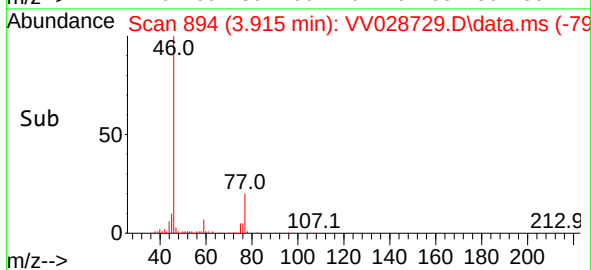
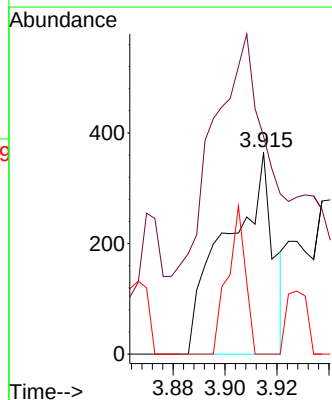
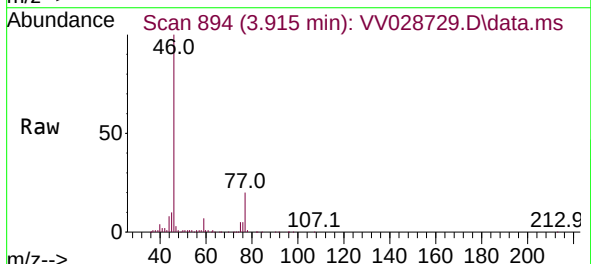
Instrument :
MSVOA_V
ClientSampleId :
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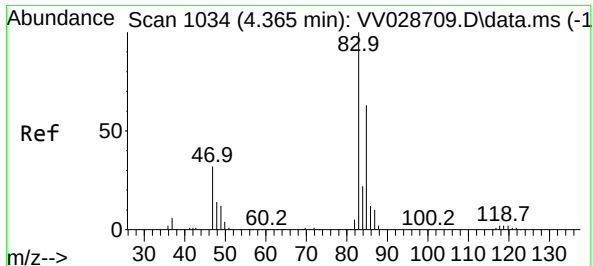
Tgt Ion: 76 Resp: 2386
Ion Ratio Lower Upper
76 100
78 15.7 7.1 10.7#



#22
cis-1,2-Dichloroethene
Concen: 0.032 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 107.9 101.4 188.2
68 0.0 0.5 0.9#





#25

Chloroform

Concen: 0.414 ug/L

RT: 4.371 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028729.D

Acq: 27 Oct 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

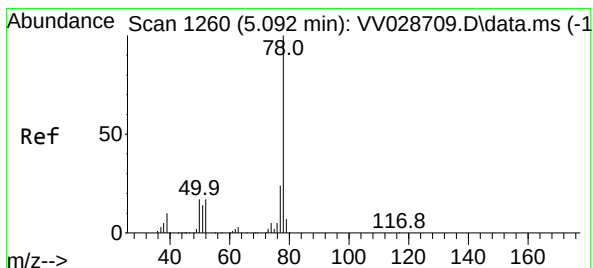
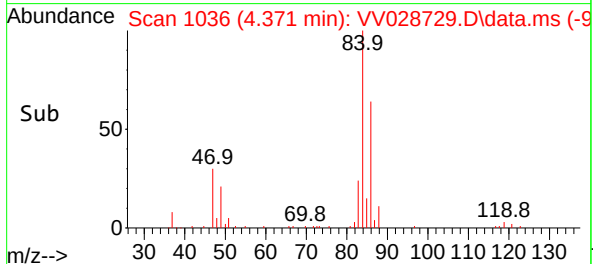
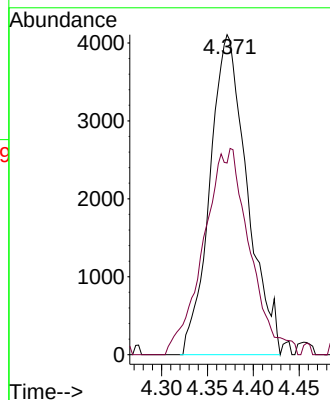
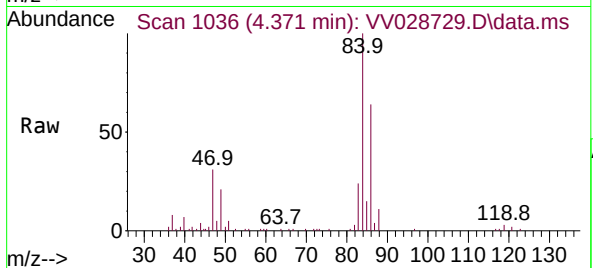
BHA62

Tgt Ion: 83 Resp: 11593

Ion Ratio Lower Upper

83 100

85 59.9 44.1 81.9



#33

Benzene

Concen: 0.123 ug/L

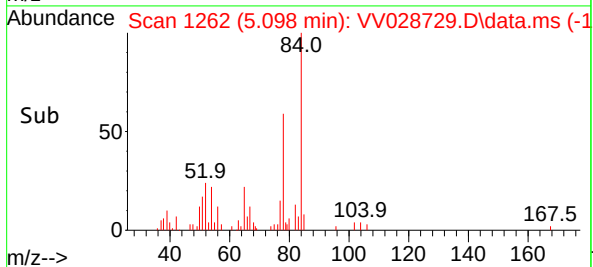
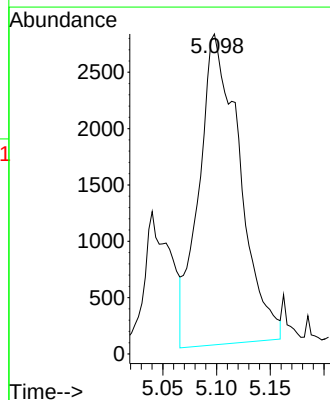
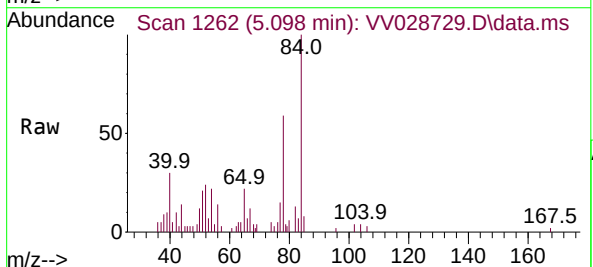
RT: 5.098 min Scan# 1262

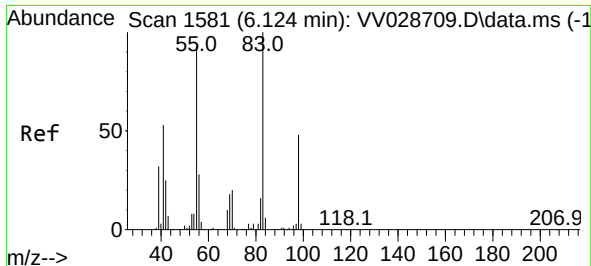
Delta R.T. 0.006 min

Lab File: VV028729.D

Acq: 27 Oct 2022 19:18

Tgt Ion: 78 Resp: 7265

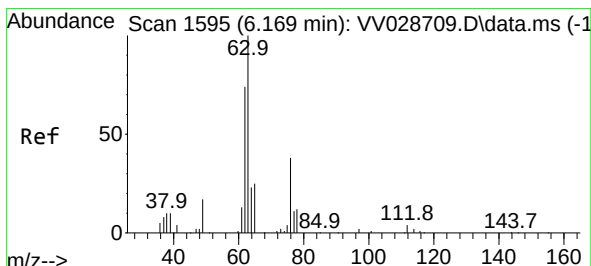
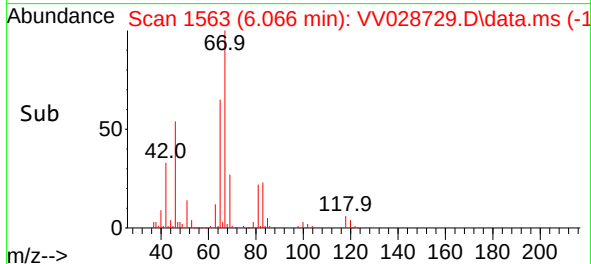
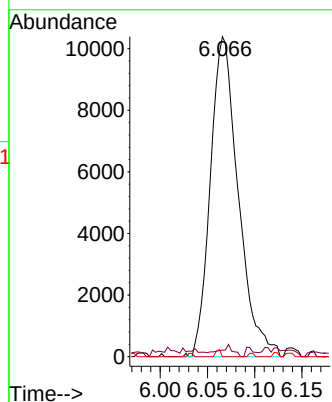
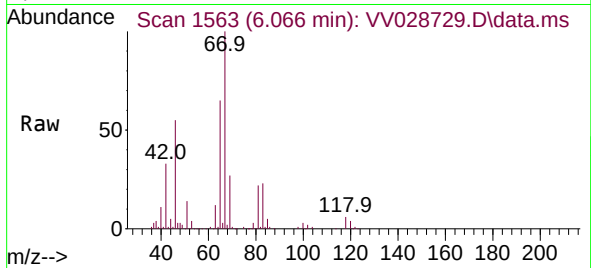




#35
Methylcyclohexane
Concen: 1.050 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

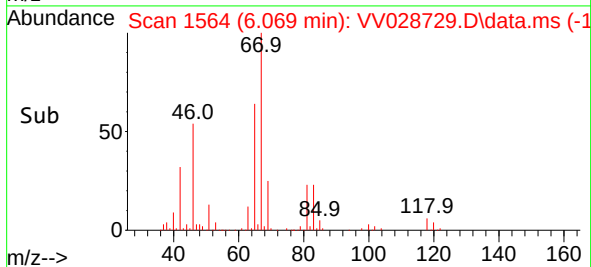
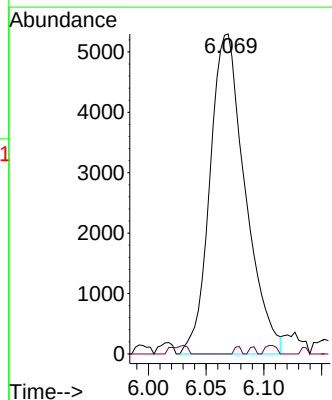
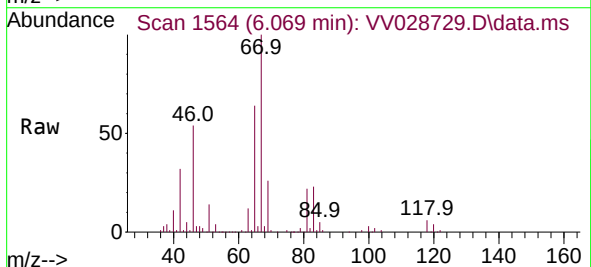
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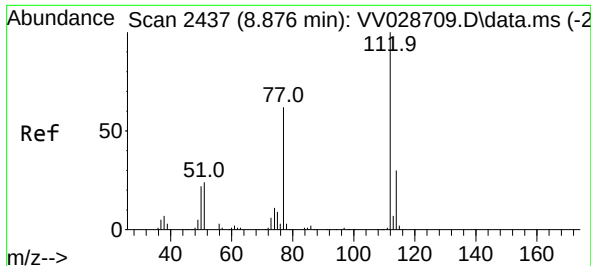
Tgt Ion: 83 Resp: 21301
Ion Ratio Lower Upper
83 100
55 1.8 70.0 105.0#
98 0.4 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 63 Resp: 11244
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#

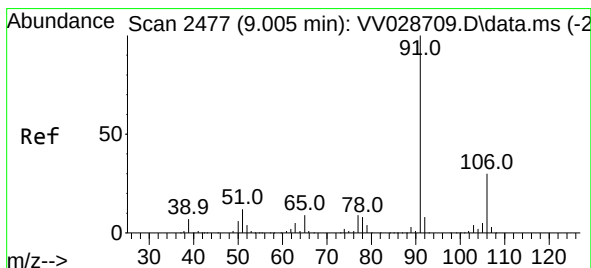
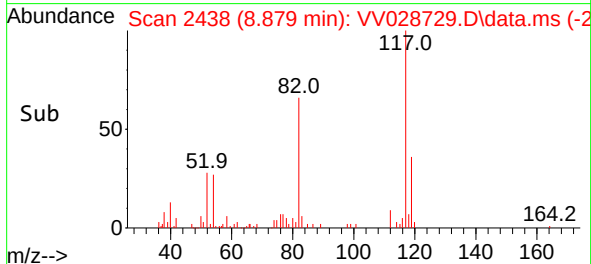
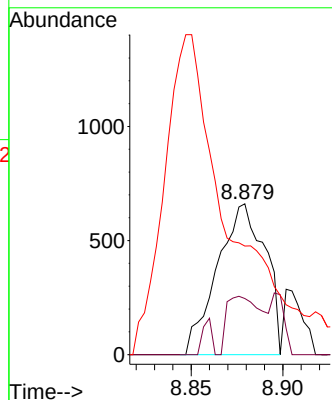
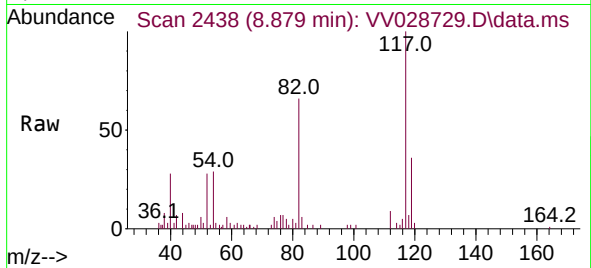




#51
Chlorobenzene
Concen: 0.034 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

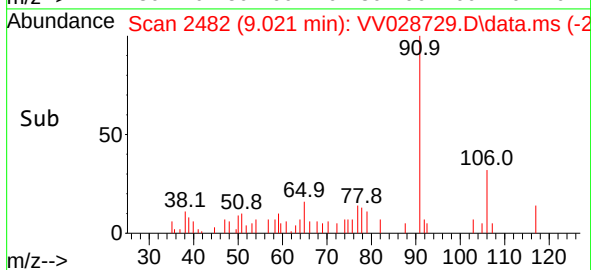
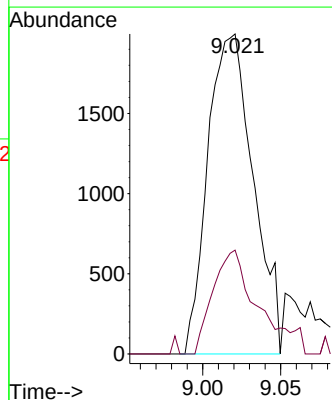
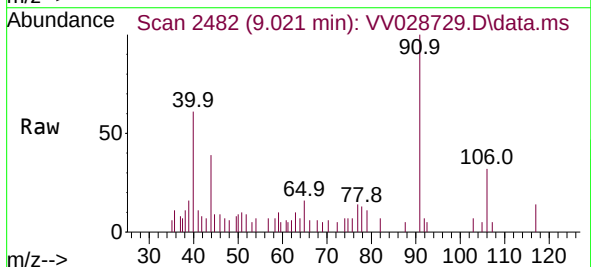
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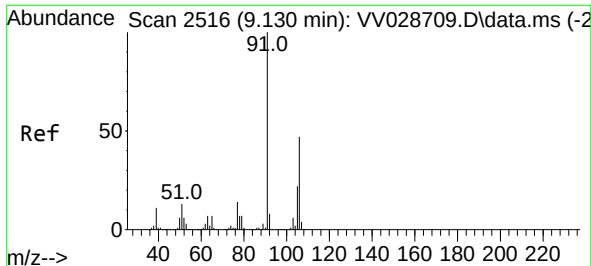
Tgt Ion:112 Resp: 1196
Ion Ratio Lower Upper
112 100
114 37.2 22.0 41.0
77 72.0 50.0 75.0



#52
Ethylbenzene
Concen: 0.065 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.016 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 91 Resp: 4040
Ion Ratio Lower Upper
91 100
106 32.5 21.3 39.6

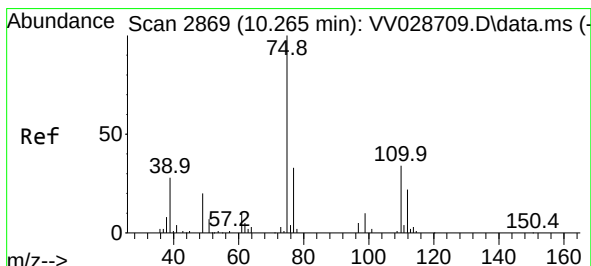
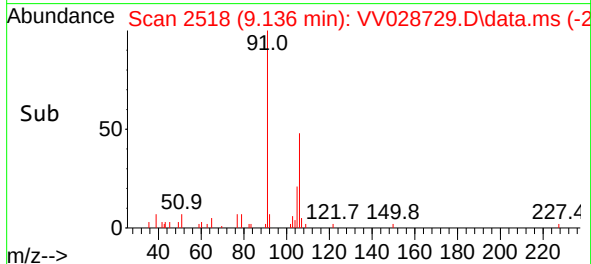
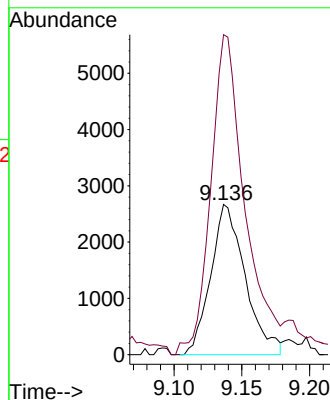
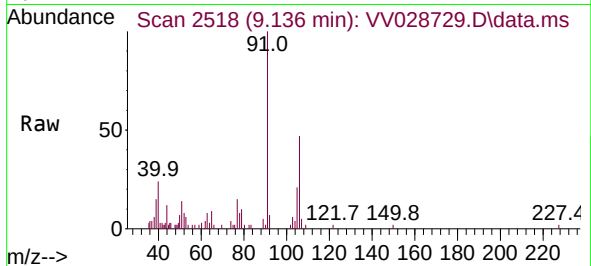




#53
m,p-Xylene
Concen: 0.209 ug/L
RT: 9.136 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

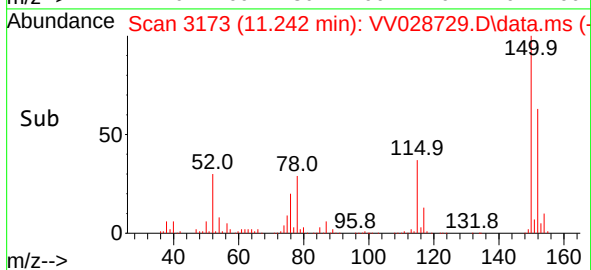
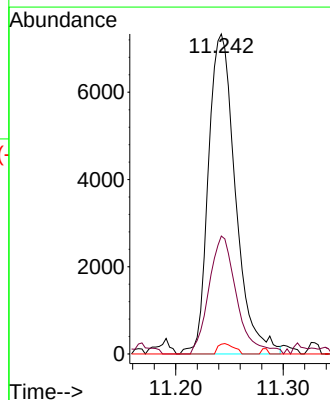
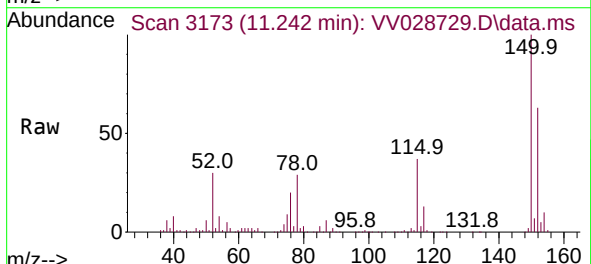
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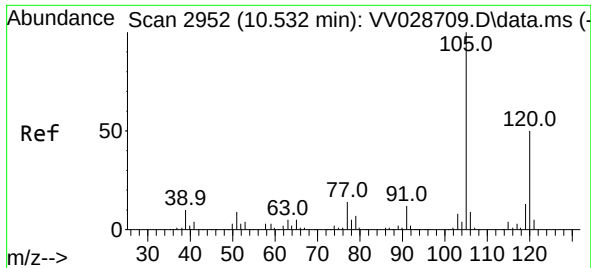
Tgt Ion:106 Resp: 4724
Ion Ratio Lower Upper
106 100
91 213.0 145.5 270.1



#61
1,2,3-Trichloropropane
Concen: 1.801 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028729.D
Acq: 27 Oct 2022 19:18

Tgt Ion: 75 Resp: 12841
Ion Ratio Lower Upper
75 100
77 37.6 25.2 37.8
110 1.9 27.9 41.9#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.035 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.010 min
 Lab File: VV028729.D
 Acq: 27 Oct 2022 19:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA62

Tgt Ion:105 Resp: 534
 Ion Ratio Lower Upper
 105 100
 120 54.9 38.3 57.5

