

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028710.D
 Acq On : 27 Oct 2022 11:02
 Operator : SY/MD
 Sample : VV1027WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK256

Quant Time: Oct 28 02:16:04 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)

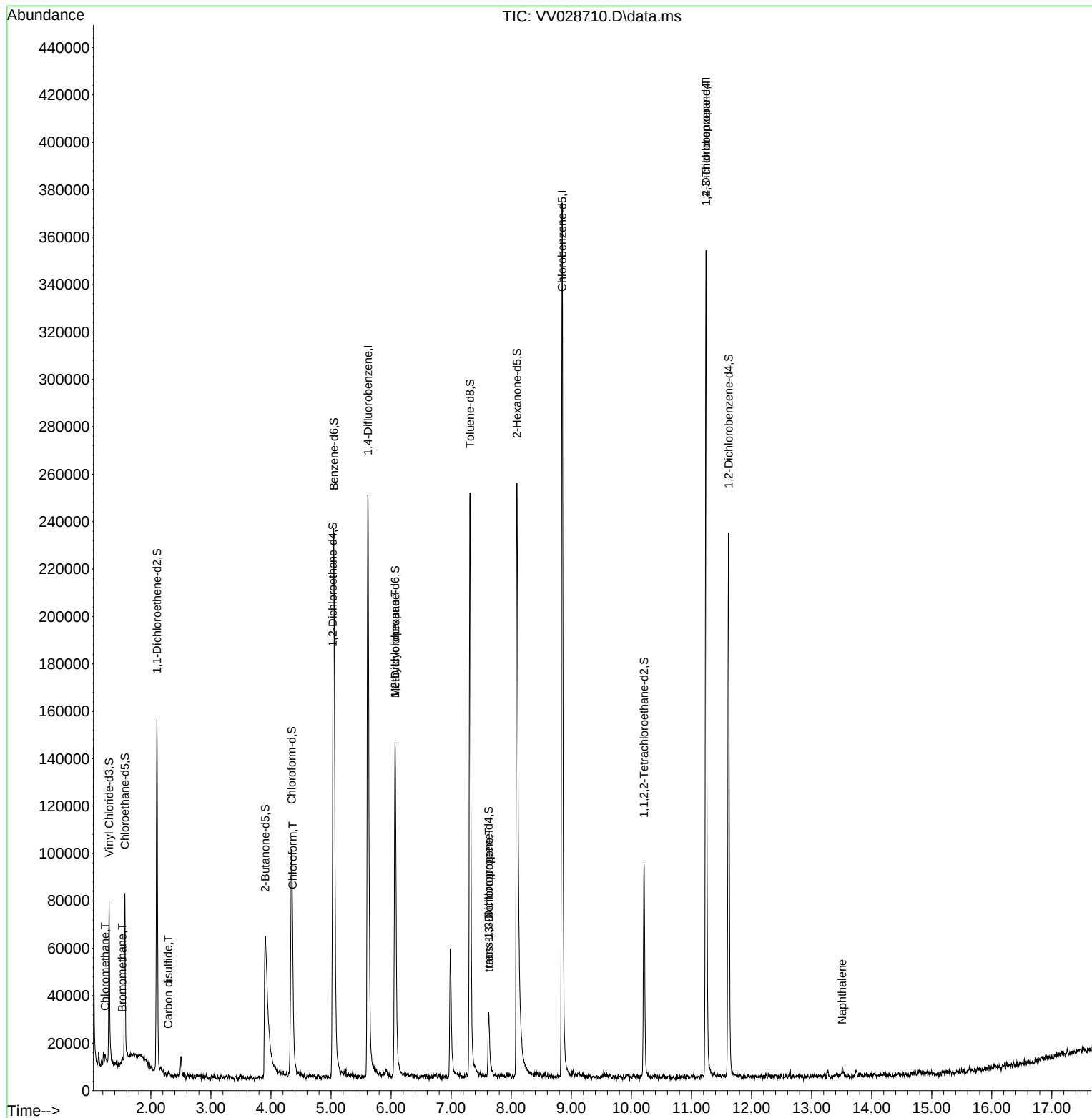
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	201035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	188666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	82241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52982	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	50212	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.101	63	83542	3.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.905	46	156751	49.167	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.340%
24) Chloroform-d	4.346	84	98989	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.030	65	52139	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.047	84	199832	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.066	67	71323	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.313	98	165459	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	15989	3.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.095	63	106273	46.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45062	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	51882	4.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2505	0.158	ug/L	87
6) Bromomethane	1.523	94	1969	0.262	ug/L	94
14) Carbon disulfide	2.291	76	1537	0.060	ug/L #	70
25) Chloroform	4.362	83	2242	0.086	ug/L	90
35) Methylcyclohexane	6.066	83	15024	0.779	ug/L #	16
44) trans-1,3-Dichloropropene	7.628	75	1091	0.078	ug/L #	42
61) 1,2,3-Trichloropropane	11.242	75	13231	1.874	ug/L #	70
71) Naphthalene	13.509	128	1708	0.077	ug/L	96

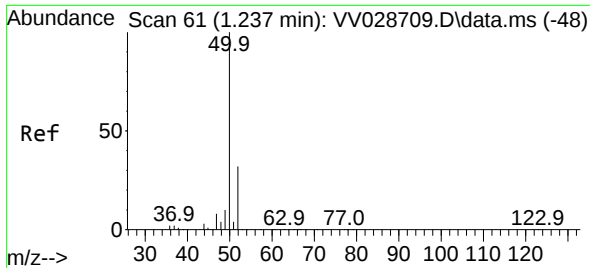
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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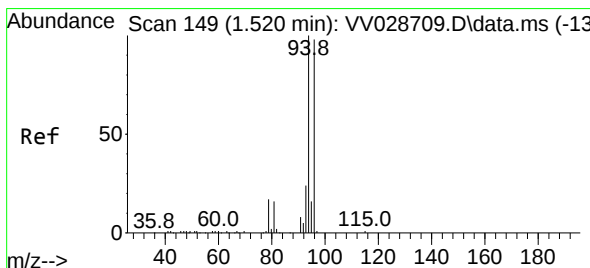
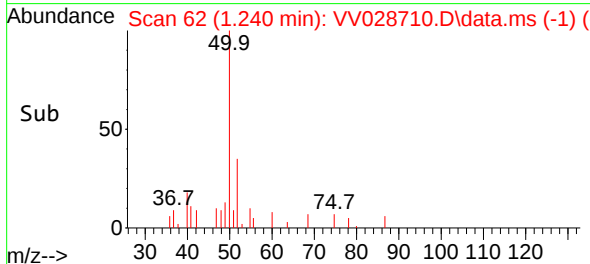
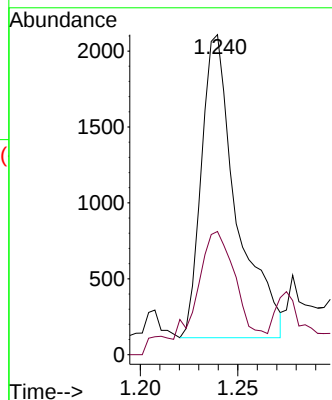
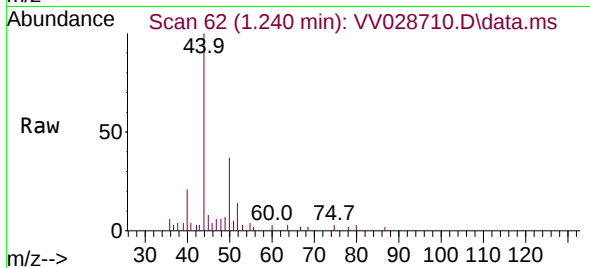




#3
Chloromethane
Concen: 0.158 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

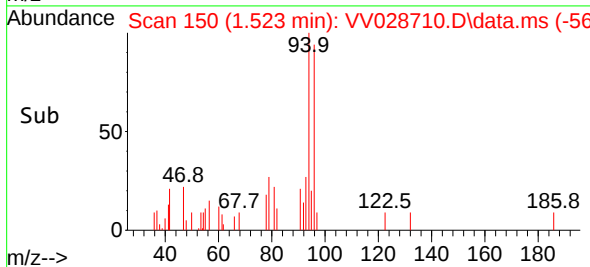
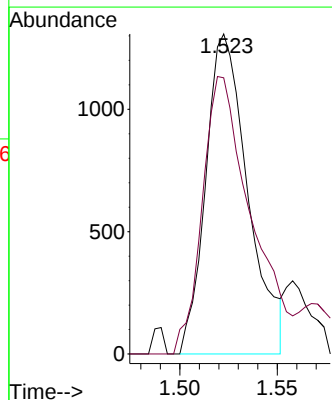
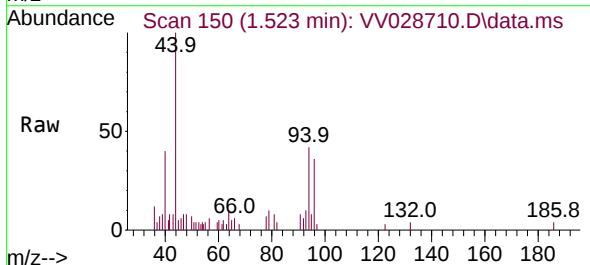
Instrument :
MSVOA_V
ClientSampleId :
VBLK256

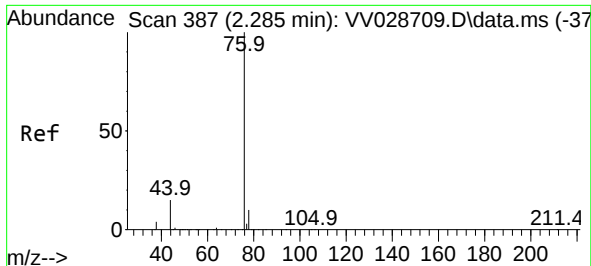
Tgt Ion: 50 Resp: 2505
Ion Ratio Lower Upper
50 100
52 38.5 21.8 40.6



#6
Bromomethane
Concen: 0.262 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

Tgt Ion: 94 Resp: 1969
Ion Ratio Lower Upper
94 100
96 86.3 64.3 119.3

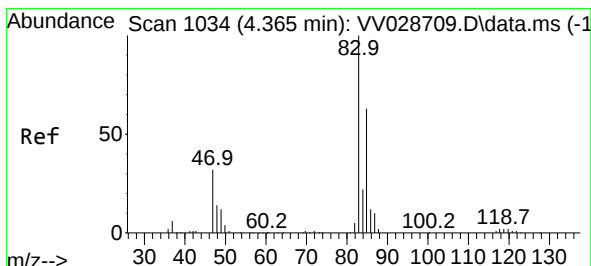
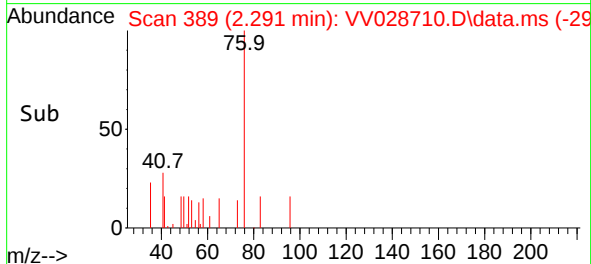
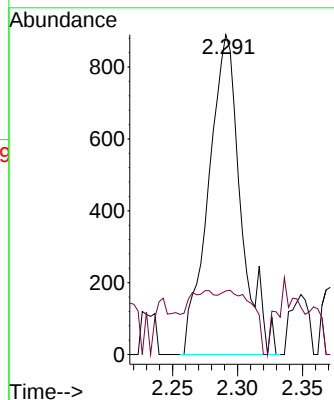
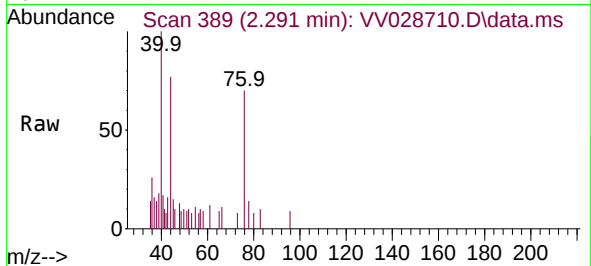




#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

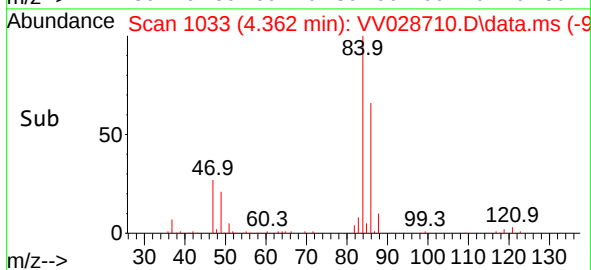
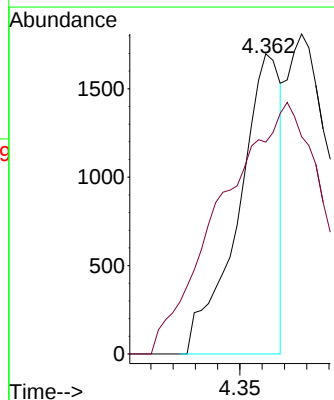
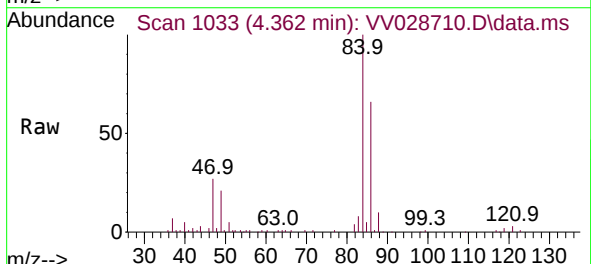
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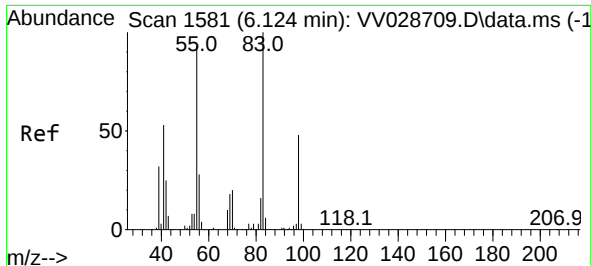
Tgt Ion: 76 Resp: 1537
Ion Ratio Lower Upper
76 100
78 19.9 7.1 10.7#



#25
Chloroform
Concen: 0.086 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

Tgt Ion: 83 Resp: 2242
Ion Ratio Lower Upper
83 100
85 70.6 44.1 81.9

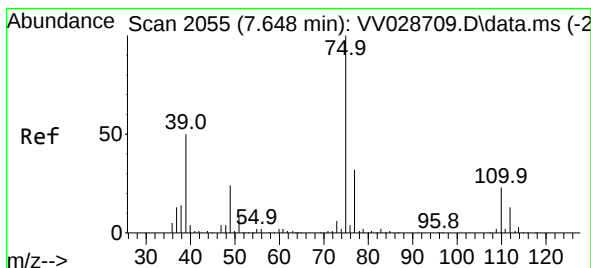
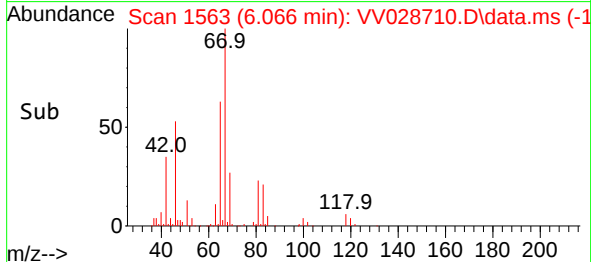
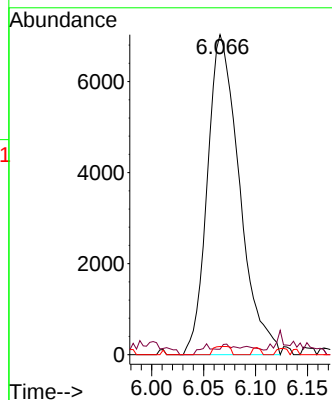
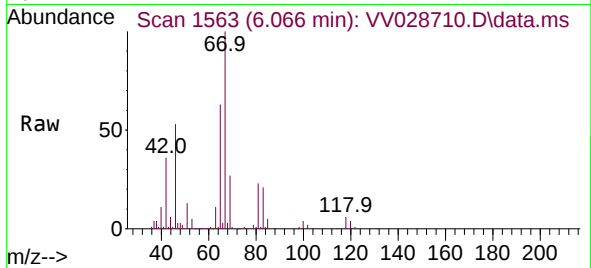




#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

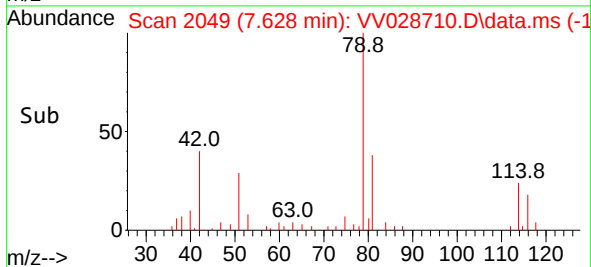
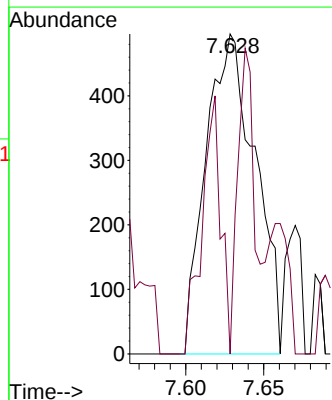
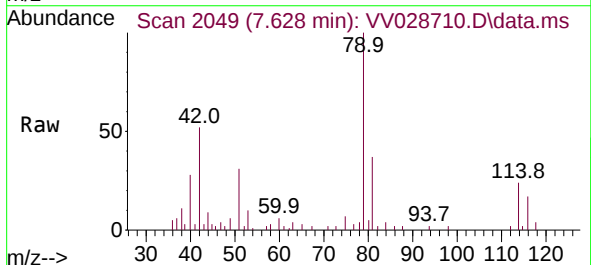
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MSVOA_V
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VBLK256

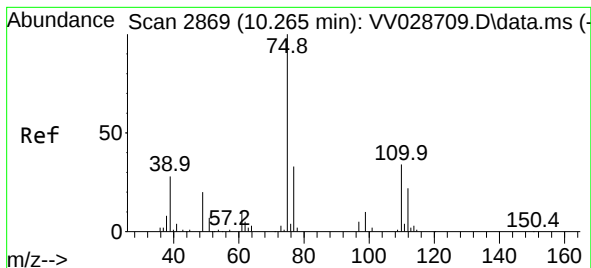
Tgt Ion: 83 Resp: 15024
Ion Ratio Lower Upper
83 100
55 1.2 70.0 105.0#
98 1.3 35.6 53.4#



#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.019 min
Lab File: VV028710.D
Acq: 27 Oct 2022 11:02

Tgt Ion: 75 Resp: 1091
Ion Ratio Lower Upper
75 100
77 0.0 22.6 42.0#





#61

1,2,3-Trichloropropane

Concen: 1.874 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028710.D

Acq: 27 Oct 2022 11:02

Instrument :

MSVOA_V

ClientSampleId :

VBLK256

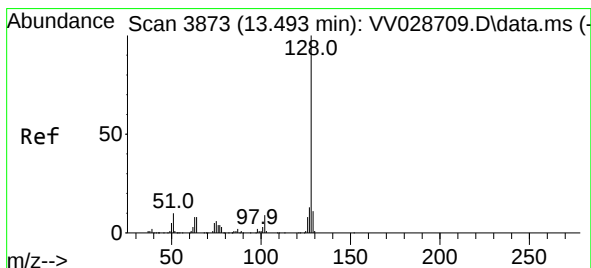
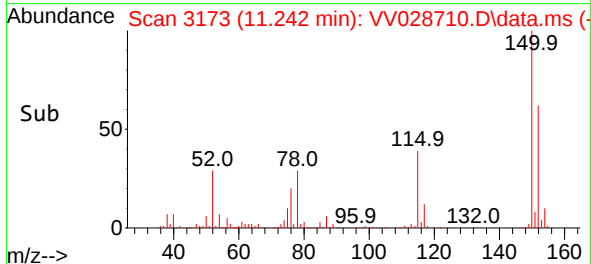
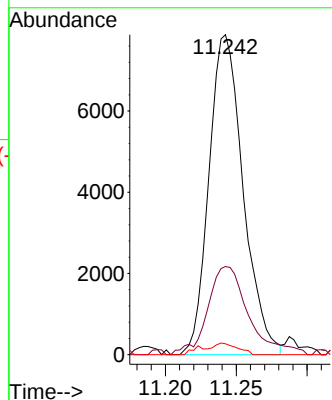
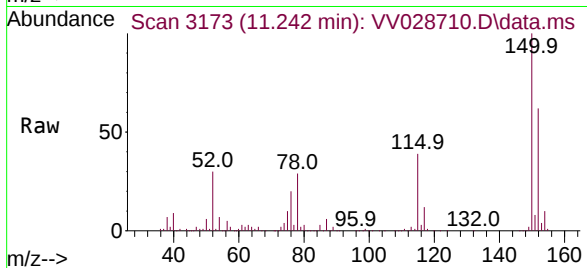
Tgt Ion: 75 Resp: 13231

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

110 2.5 27.9 41.9#



#71

Naphthalene

Concen: 0.077 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.016 min

Lab File: VV028710.D

Acq: 27 Oct 2022 11:02

Tgt Ion: 128 Resp: 1708

Ion Ratio Lower Upper

128 100

129 9.2 8.9 13.3

127 14.1 10.2 15.4

