

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027849.D
 Acq On : 15 Sep 2022 12:32
 Operator : SY/MD
 Sample : N4546-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Sep 16 01:31:35 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)

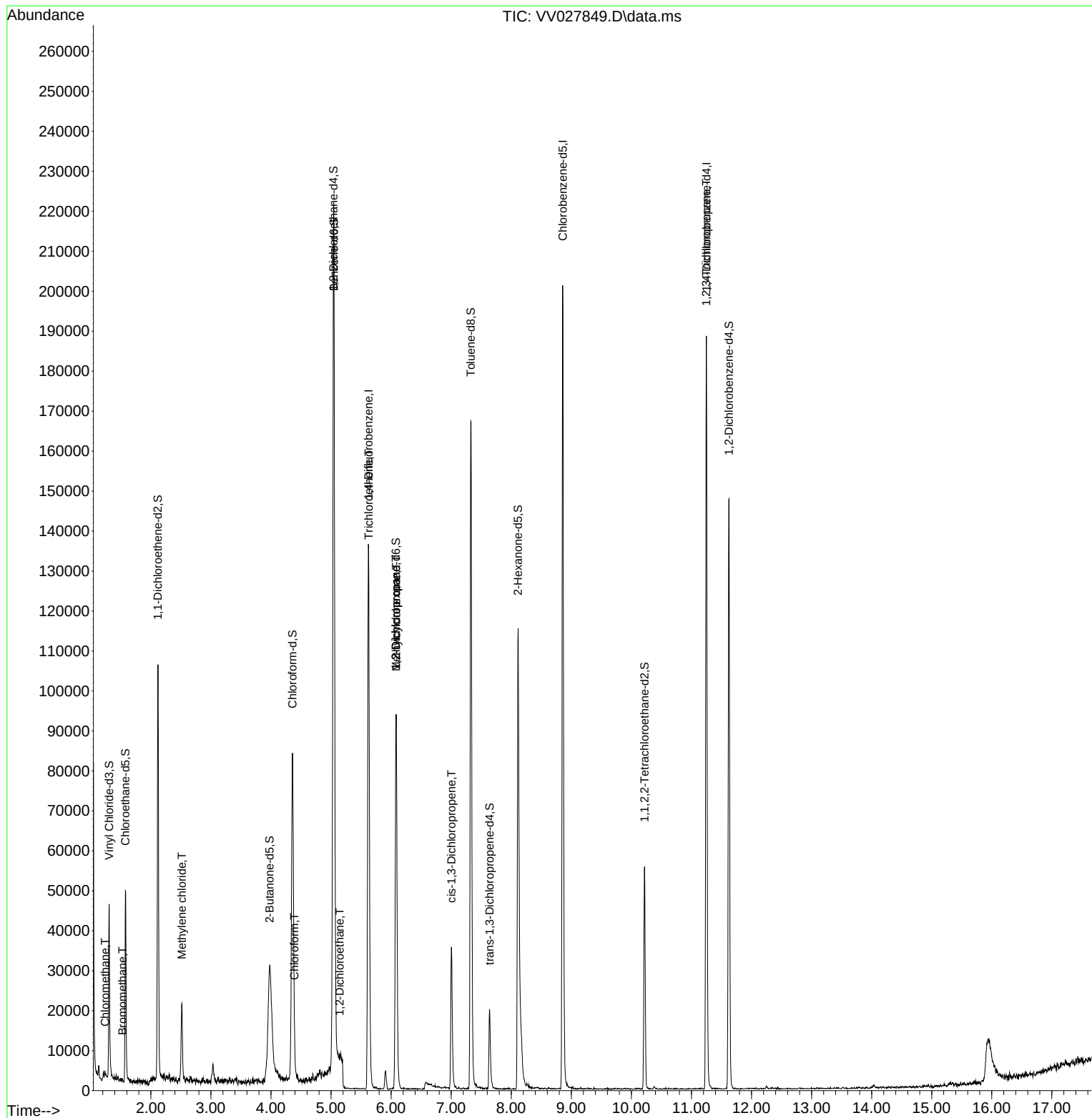
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	122314	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.857	117	113529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31306	3.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.577	69	32448	4.744	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.117	63	52580	3.073	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.976	46	77112	43.156	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.320%
24) Chloroform-d	4.358	84	81373	4.929	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.040	65	48983	5.572	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.047	84	172174	5.228	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.082	67	42281	4.385	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.326	98	116263	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.638	79	12257	3.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.111	63	40265	33.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.960%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	25314	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	41943	4.706	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
3) Chloromethane	1.236	50	620	0.057	ug/L	86
6) Bromomethane	1.529	94	266	0.045	ug/L #	61
16) Methylene chloride	2.516	84	7918	0.758	ug/L	85
25) Chloroform	4.391	83	2418	0.136	ug/L	90
27) 1,2-Dichloroethane	5.143	62	809	0.075	ug/L #	75
34) Trichloroethene	5.629	95	3631	0.387	ug/L #	5
35) Methylcyclohexane	6.085	83	11892	0.825	ug/L #	18
37) 1,2-Dichloropropane	6.082	63	5274	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	7.005	75	990	0.088	ug/L #	61
61) 1,2,3-Trichloropropane	11.246	75	4555	1.060	ug/L #	61

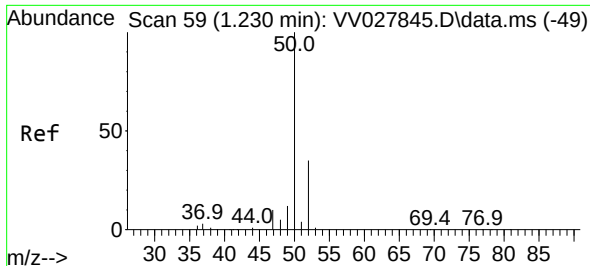
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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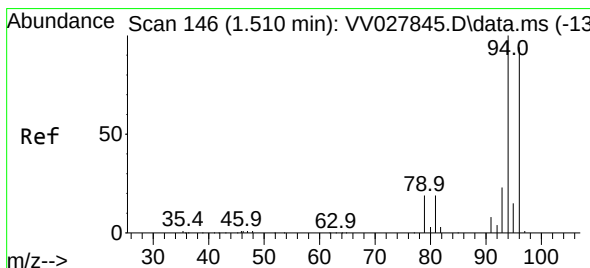
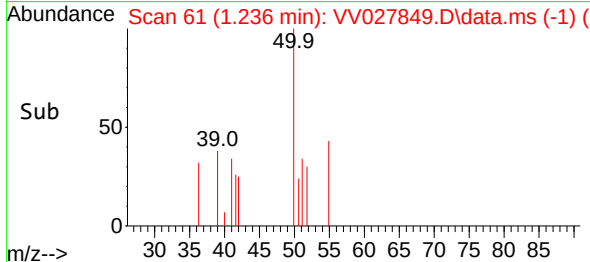
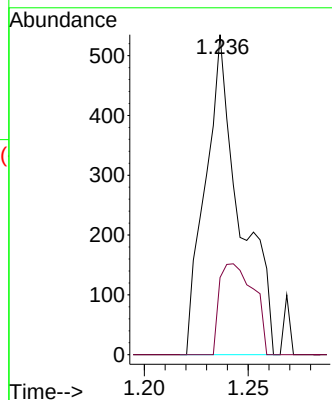
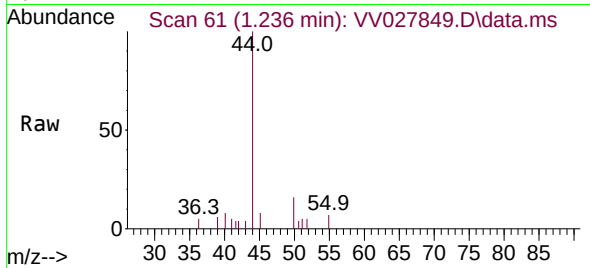




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

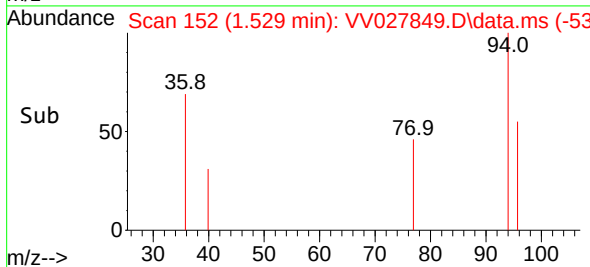
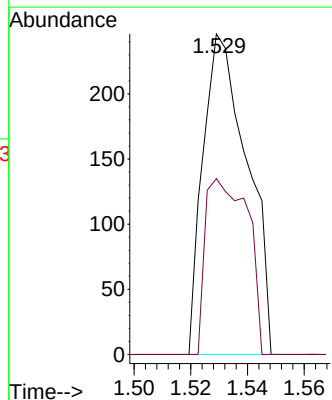
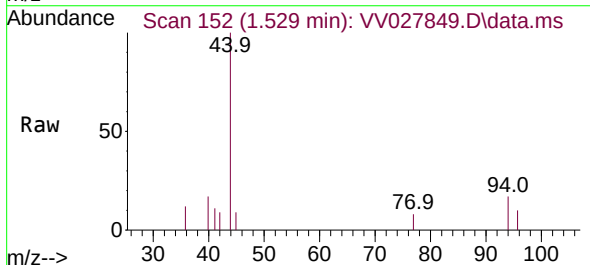
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

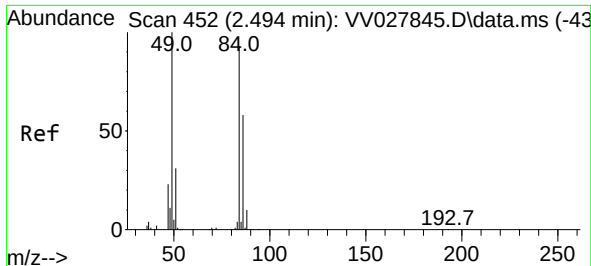
Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 24.1 22.1 41.1



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.019 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 54.9 64.2 119.2#

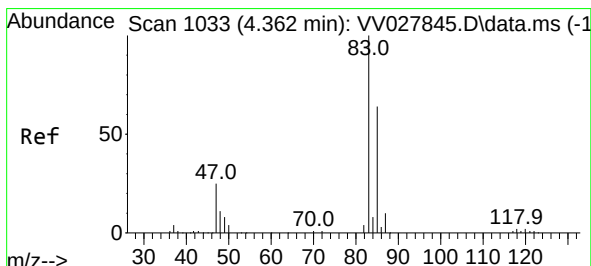
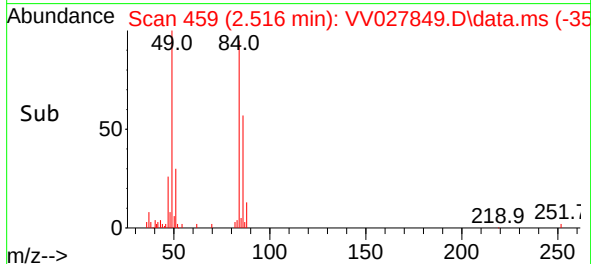
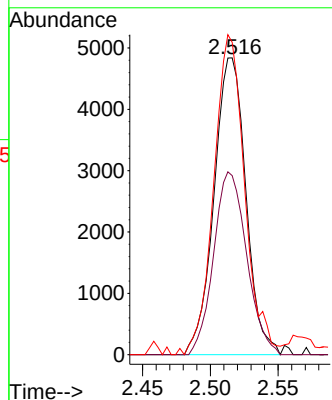
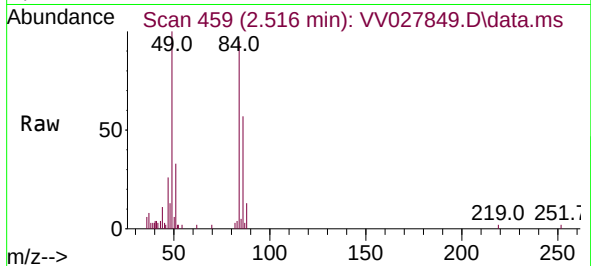




#16
Methylene chloride
Concen: 0.758 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.022 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

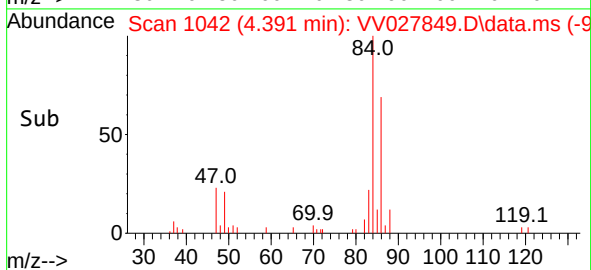
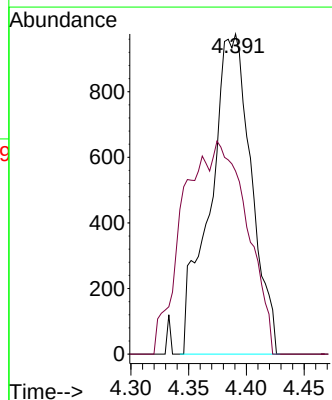
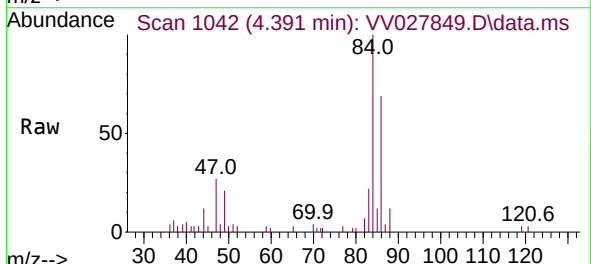
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

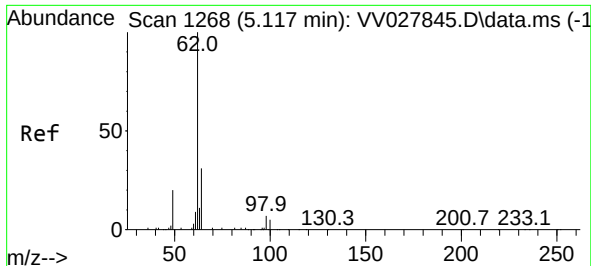
Tgt Ion: 84 Resp: 7918
Ion Ratio Lower Upper
84 100
86 60.3 44.9 83.3
49 105.2 90.1 167.3



#25
Chloroform
Concen: 0.136 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.029 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

Tgt Ion: 83 Resp: 2418
Ion Ratio Lower Upper
83 100
85 57.2 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.143 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV027849.D

Acq: 15 Sep 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

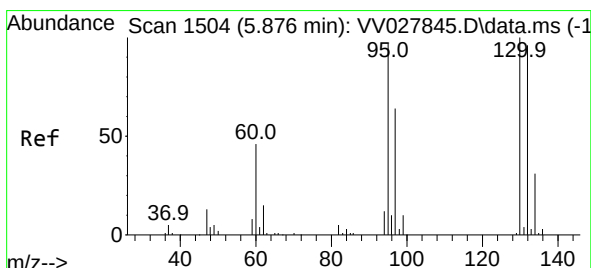
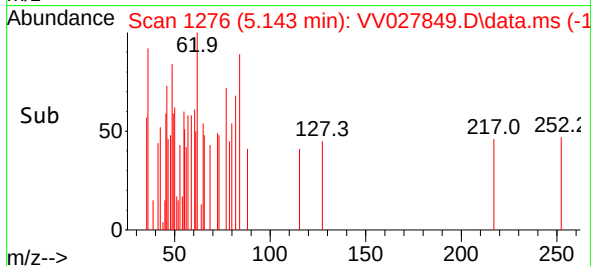
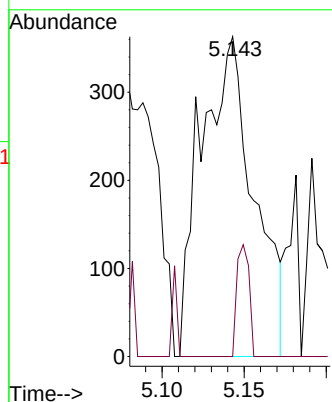
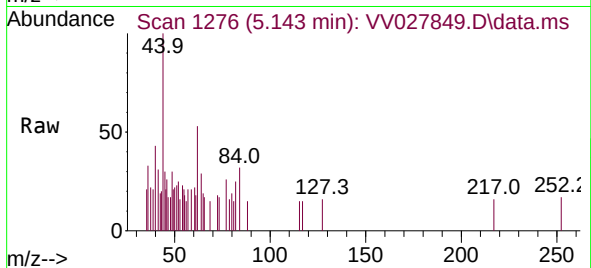
VHBLK001

Tgt Ion: 62 Resp: 809

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#34

Trichloroethene

Concen: 0.387 ug/L

RT: 5.629 min Scan# 1427

Delta R.T. -0.248 min

Lab File: VV027849.D

Acq: 15 Sep 2022 12:32

Tgt Ion: 95 Resp: 3631

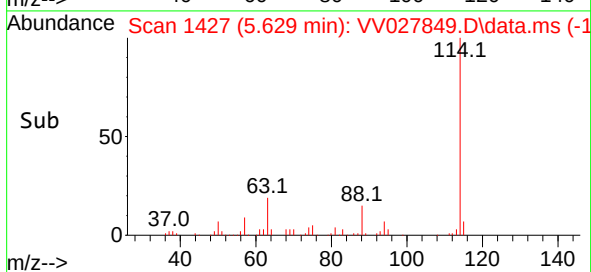
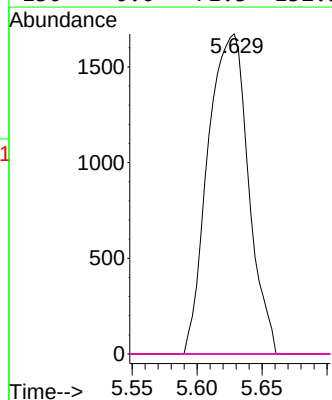
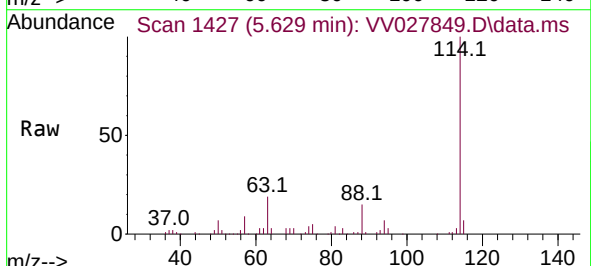
Ion Ratio Lower Upper

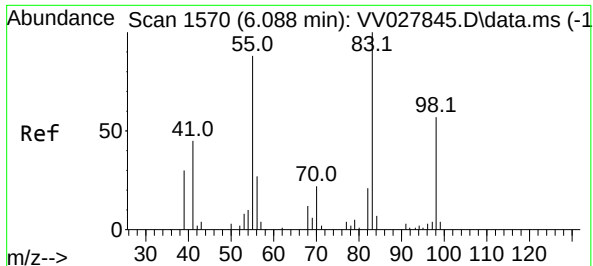
95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#

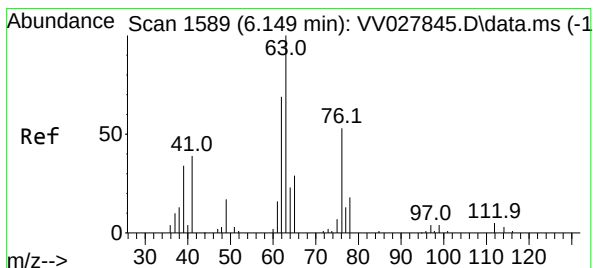
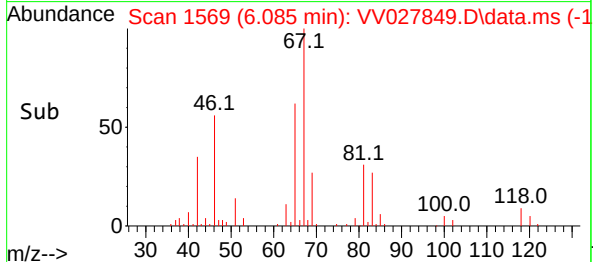
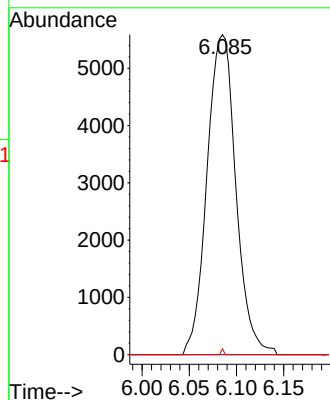
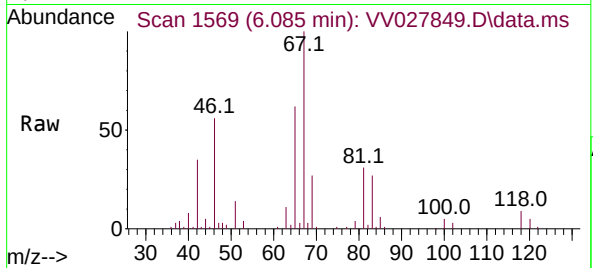




#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

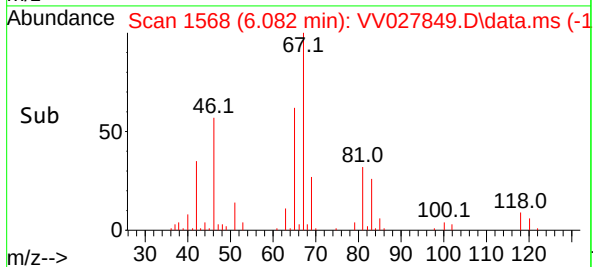
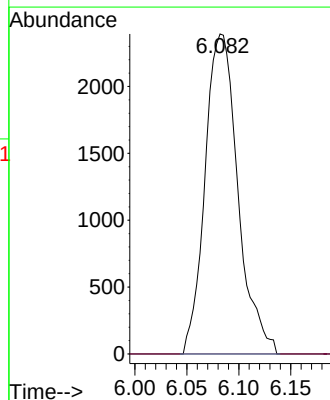
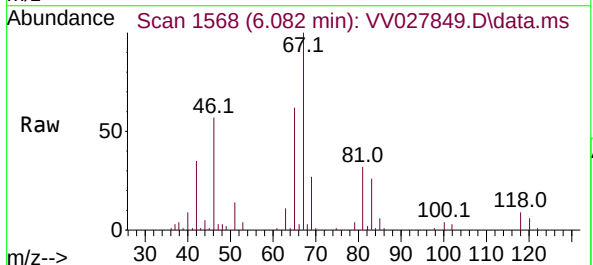
Instrument :
MSVOA_V
ClientSampleId :
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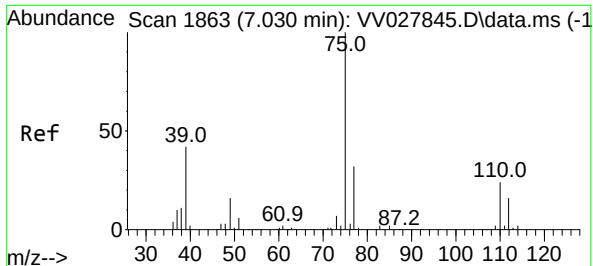
Tgt Ion: 83 Resp: 11892
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.068 min
Lab File: VV027849.D
Acq: 15 Sep 2022 12:32

Tgt Ion: 63 Resp: 5274
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.005 min Scan# 11

Delta R.T. -0.026 min

Lab File: VV027849.D

Acq: 15 Sep 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

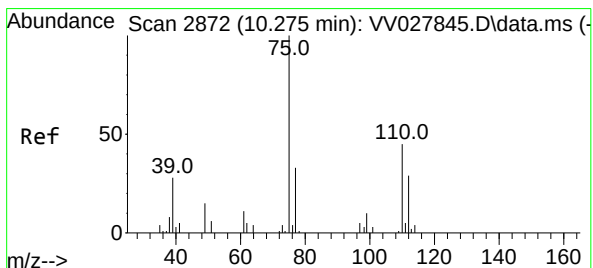
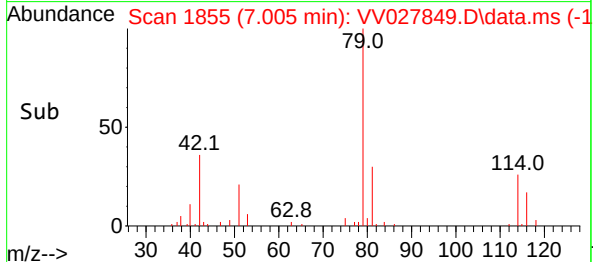
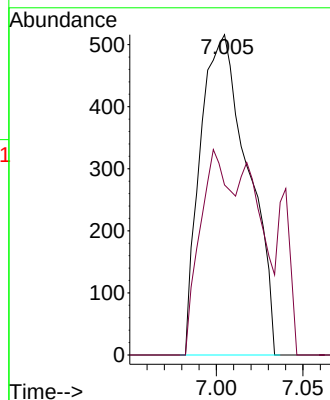
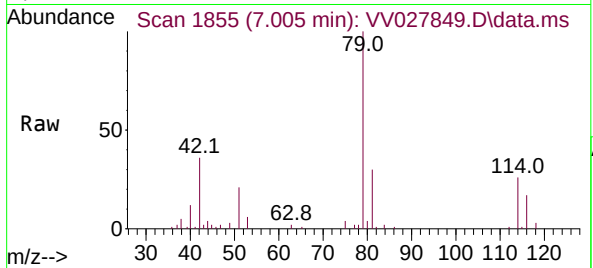
VHBLK001

Tgt Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

77 53.1 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 1.060 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027849.D

Acq: 15 Sep 2022 12:32

Tgt Ion: 75 Resp: 4555

Ion Ratio Lower Upper

75 100

77 36.1 27.6 41.4

110 0.4 35.6 53.4#

