

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028564.D
 Acq On : 14 Oct 2022 21:37
 Operator : SY/MD
 Sample : N5103-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBX3

Quant Time: Oct 15 03:01:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

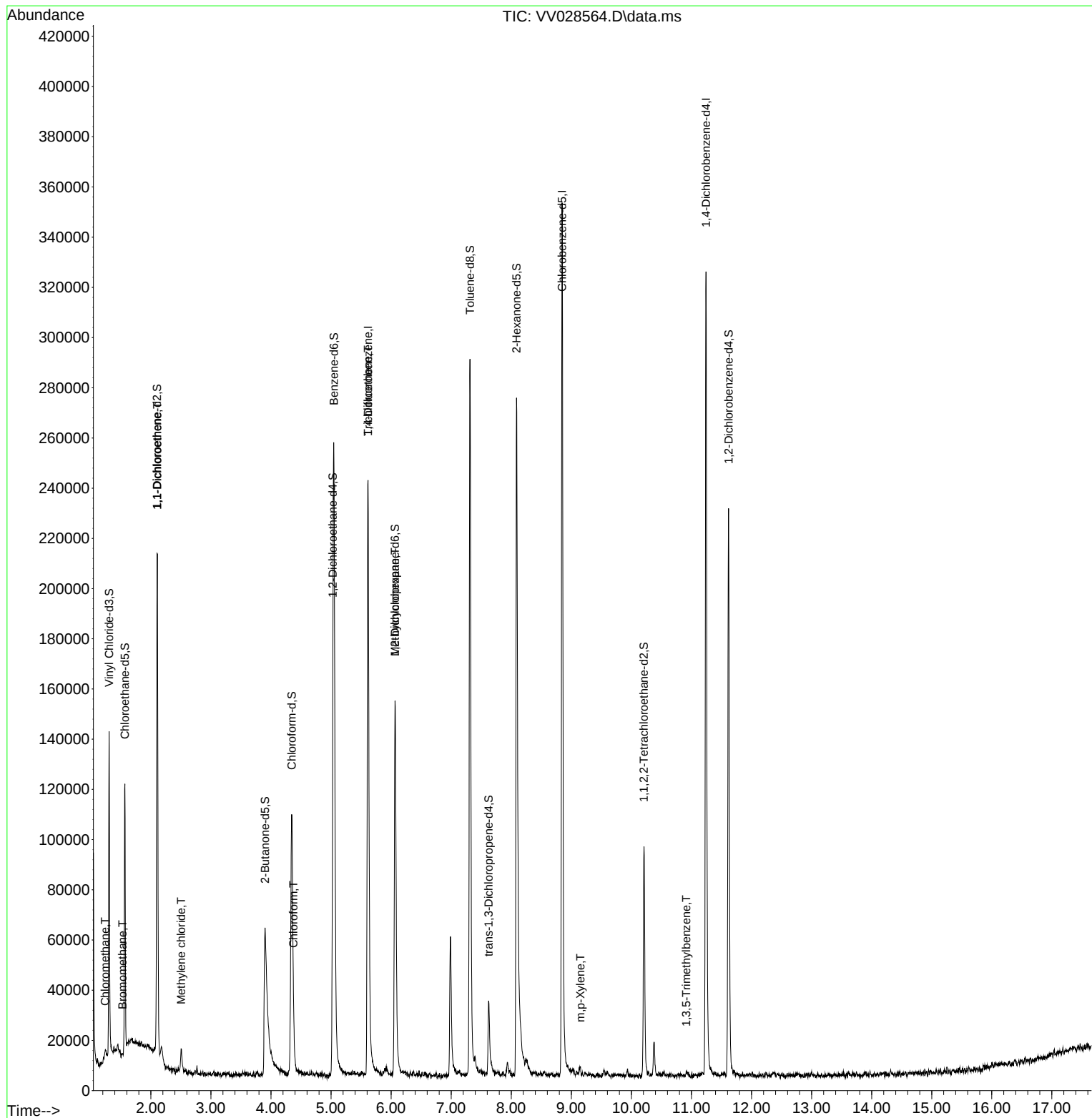
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	199231	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	180555	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	81152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84575	4.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.568	69	68735	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.105	63	111173	3.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.902	46	138803	37.656	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.320%
24) Chloroform-d	4.346	84	104994	3.999	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.031	65	56677	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.047	84	226967	3.893	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.066	67	76200	4.050	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.313	98	186881	4.046	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.625	79	19783	3.113	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.088	63	103649	37.784	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.560%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46015	4.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	55258	4.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
3) Chloromethane	1.240	50	1375	0.073	ug/L	94
6) Bromomethane	1.526	94	348	0.042	ug/L #	58
12) 1,1-Dichloroethene	2.108	96	1186	0.096	ug/L #	1
16) Methylene chloride	2.503	84	3769	0.216	ug/L	90
25) Chloroform	4.375	83	4938	0.179	ug/L	89
34) Trichloroethene	5.616	95	5242	0.344	ug/L #	6
35) Methylcyclohexane	6.066	83	16799	0.662	ug/L #	19
53) m,p-Xylene	9.149	106	1034	0.042	ug/L	76
62) 1,3,5-Trimethylbenzene	10.915	105	862	0.048	ug/L	97

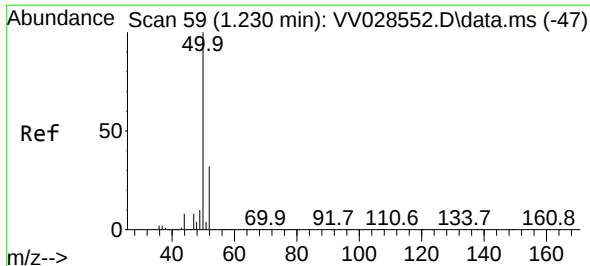
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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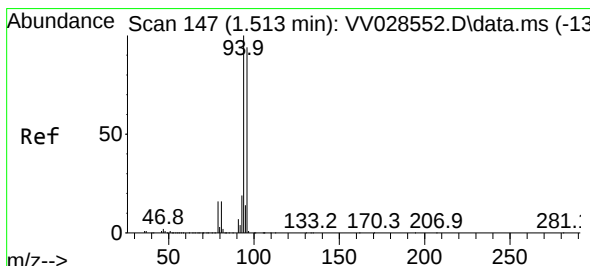
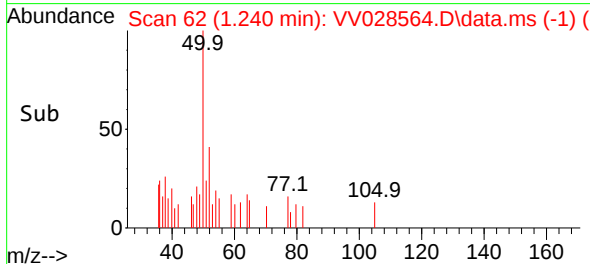
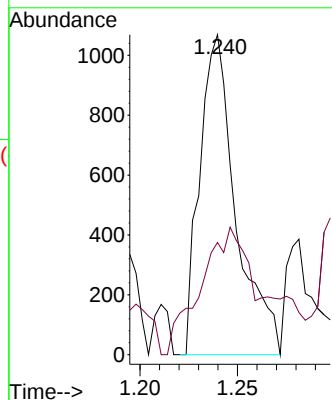
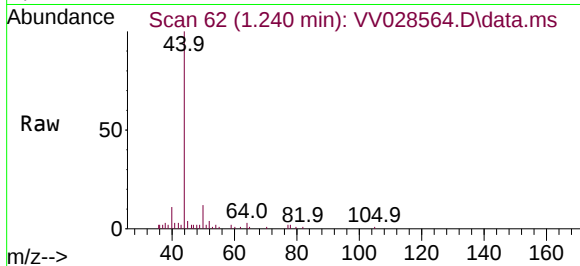




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

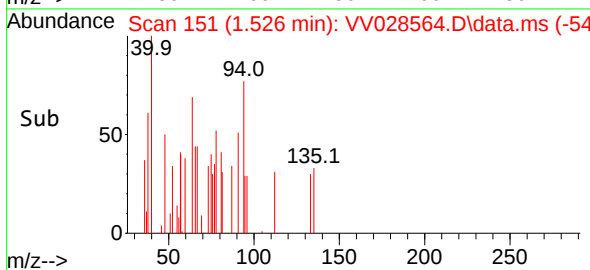
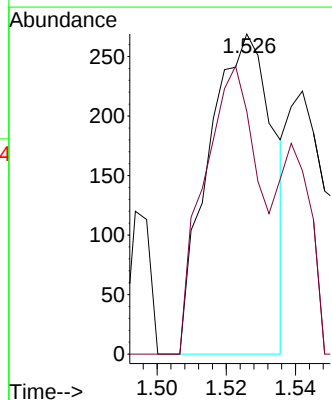
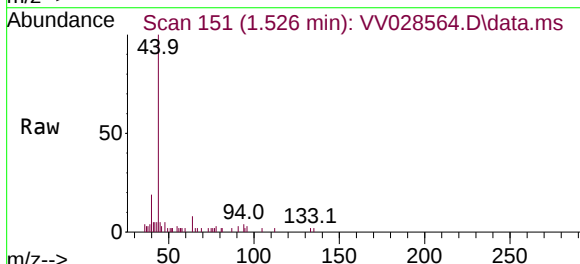
Instrument :
MSVOA_V
ClientSampleId :
C0BX3

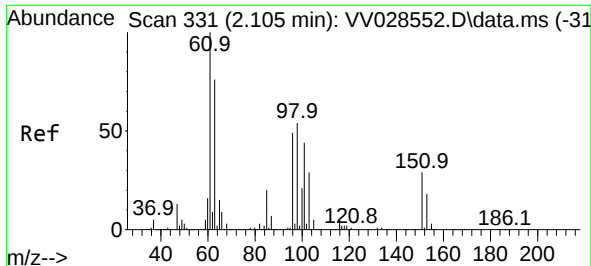
Tgt Ion: 50 Resp: 1375
Ion Ratio Lower Upper
50 100
52 35.1 22.0 41.0



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.013 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

Tgt Ion: 94 Resp: 348
Ion Ratio Lower Upper
94 100
96 55.0 67.0 124.4#

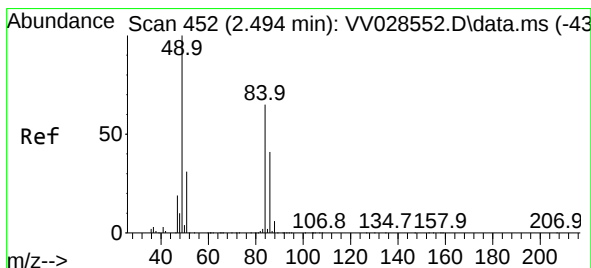
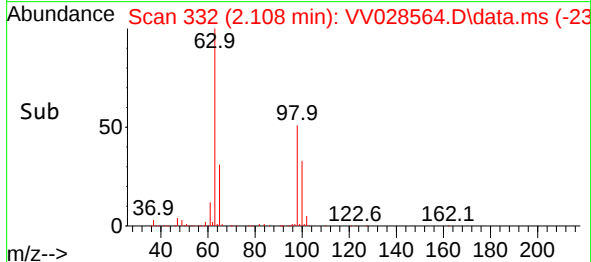
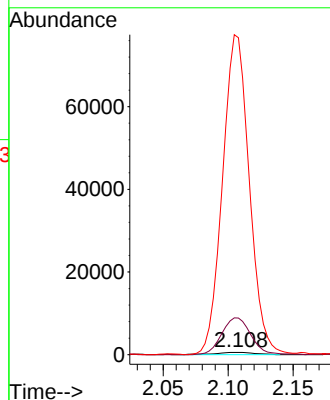
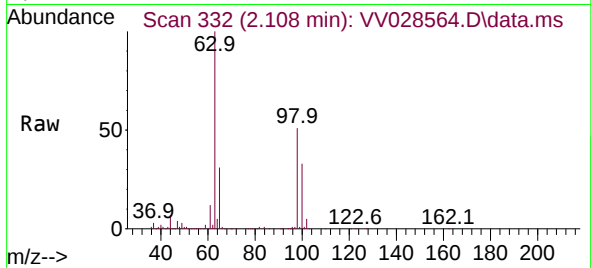




#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.108 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

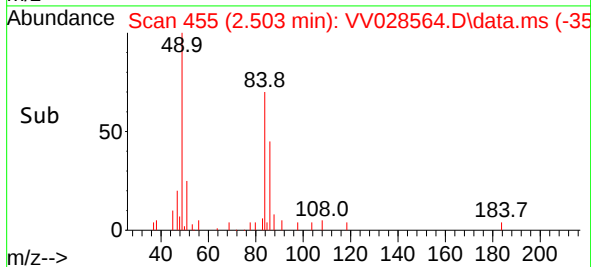
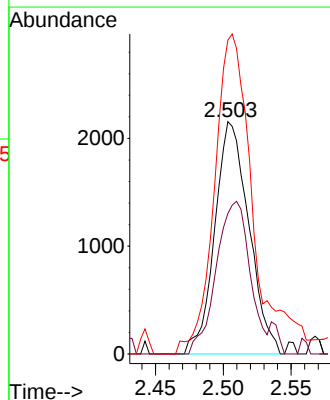
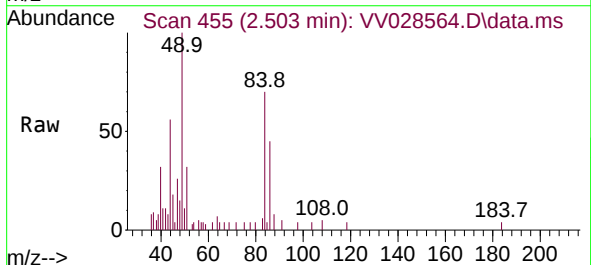
Instrument :
MSVOA_V
ClientSampleId :
C0BX3

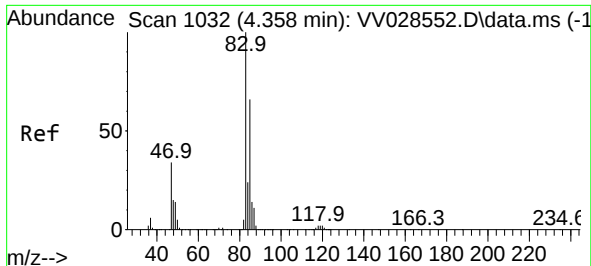
Tgt Ion: 96 Resp: 1186
Ion Ratio Lower Upper
96 100
61 1578.8 142.9 265.5#
63 13642.7 102.3 190.1#



#16
Methylene chloride
Concen: 0.216 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.010 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

Tgt Ion: 84 Resp: 3769
Ion Ratio Lower Upper
84 100
86 60.5 42.8 79.6
49 135.1 106.4 197.6

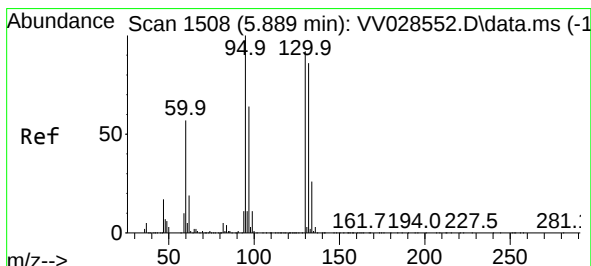
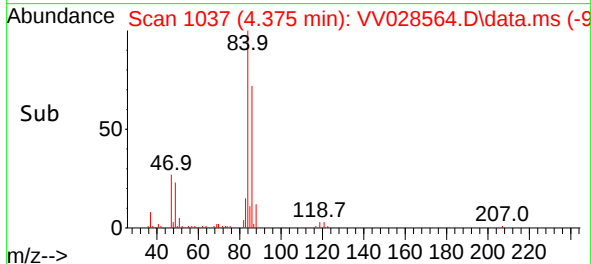
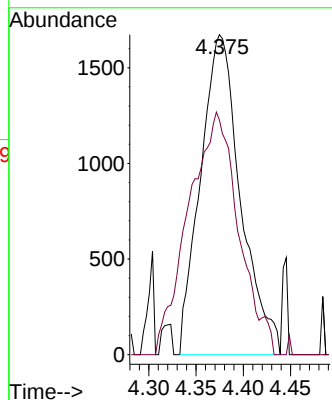
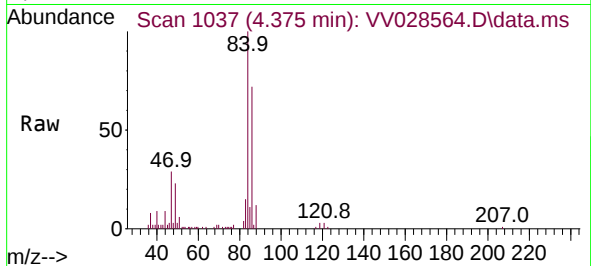




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.016 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

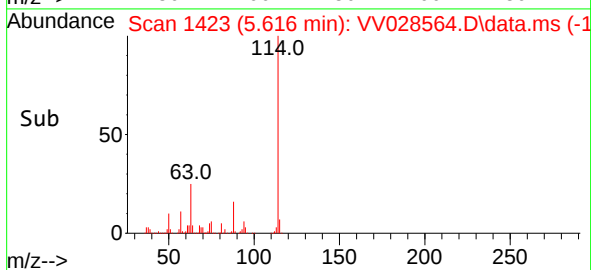
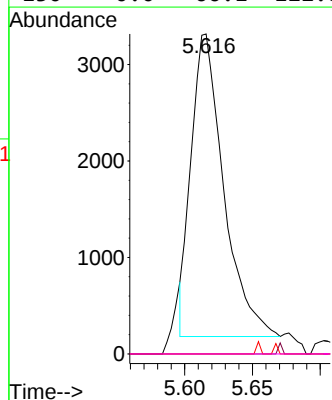
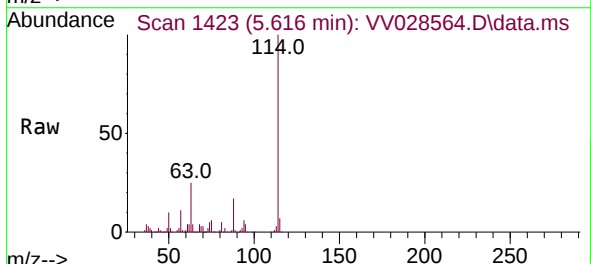
Instrument :
MSVOA_V
ClientSampleId :
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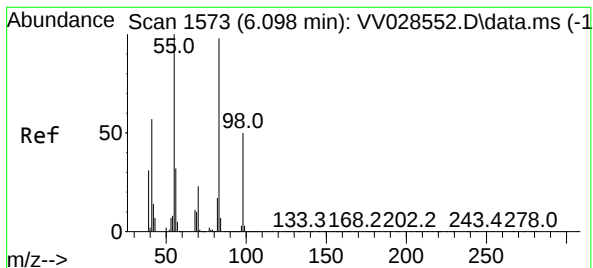
Tgt Ion: 83 Resp: 4938
Ion Ratio Lower Upper
83 100
85 73.3 45.1 83.9



#34
Trichloroethene
Concen: 0.344 ug/L
RT: 5.616 min Scan# 1423
Delta R.T. -0.273 min
Lab File: VV028564.D
Acq: 14 Oct 2022 21:37

Tgt Ion: 95 Resp: 5242
Ion Ratio Lower Upper
95 100
97 0.0 46.2 85.8#
132 0.0 65.1 120.9#
130 0.0 66.1 122.8#





#35

Methylcyclohexane

Concen: 0.662 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.032 min

Lab File: VV028564.D

Acq: 14 Oct 2022 21:37

Instrument :

MSVOA_V

ClientSampleId :

C0BX3

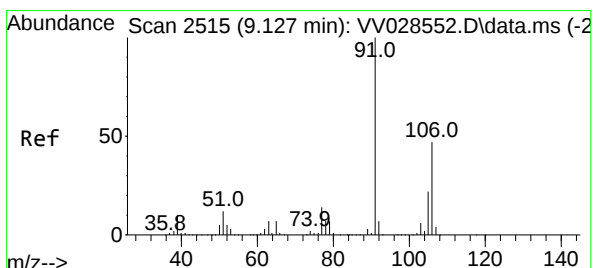
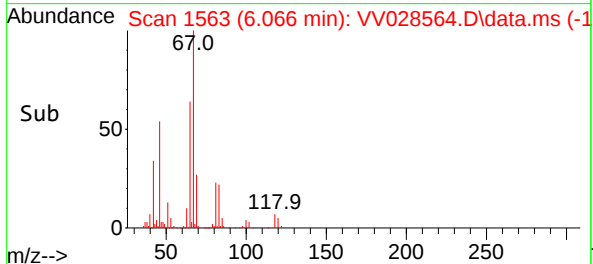
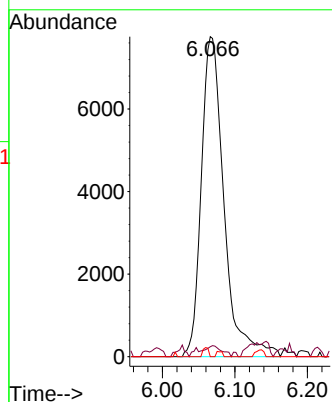
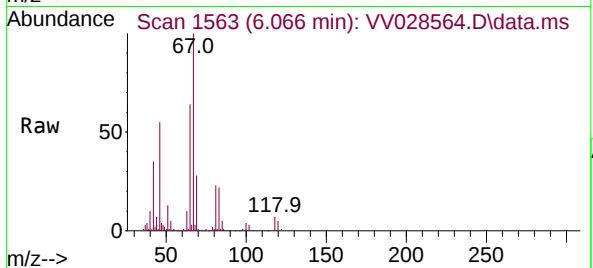
Tgt Ion: 83 Resp: 16799

Ion Ratio Lower Upper

83 100

55 2.4 65.0 97.6#

98 0.4 36.4 54.6#



#53

m,p-Xylene

Concen: 0.042 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.023 min

Lab File: VV028564.D

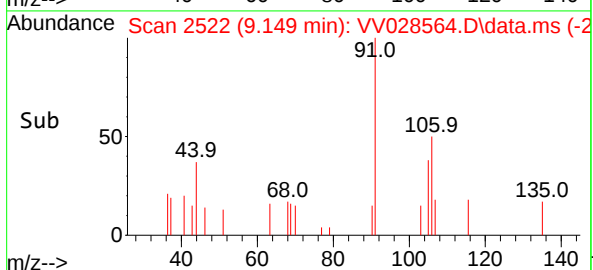
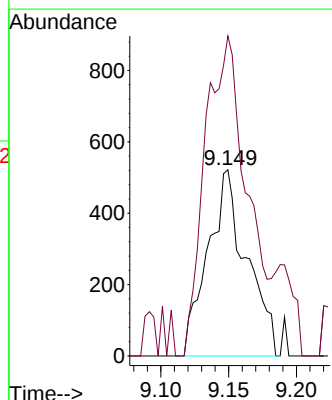
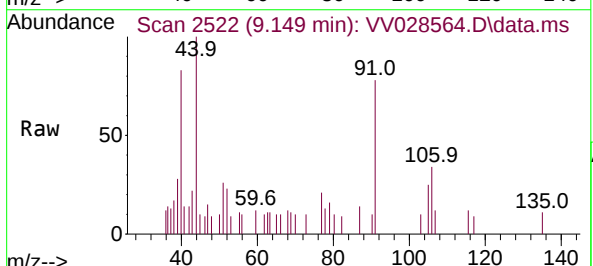
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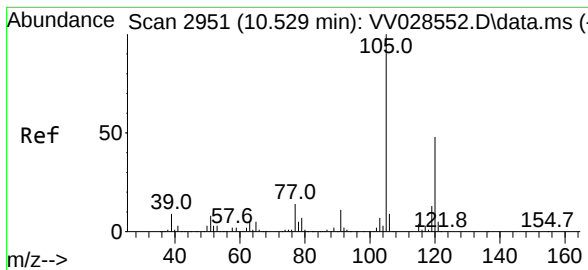
Tgt Ion: 106 Resp: 1034

Ion Ratio Lower Upper

106 100

91 171.8 146.9 272.9





#62
 1,3,5-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 10.915 min Scan# 30
 Delta R.T. 0.386 min
 Lab File: VV028564.D
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Tgt Ion:105 Resp: 862
 Ion Ratio Lower Upper
 105 100
 120 45.2 38.0 57.0

