

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033991.D
 Acq On : 05 Feb 2024 16:26
 Operator : SY/MD
 Sample : P1289-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 06 05:15:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.645	114	63355	5.000	ug/L	0.11
28) Chlorobenzene-d5	8.805	117	73814	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	41846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	27227	5.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.539	69	25162	5.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.000%
11) 1,1-Dichloroethene-d2	2.066	65	12857	5.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.285	46	44109m	53.526	ug/L	0.44
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	0.000	84	0d	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	4.606	65	124772m	29.945	ug/L	-0.34
Spiked Amount	5.000	Range	70 - 130	Recovery	=	599.000%#
32) Benzene-d6	5.088	84	287107	12.964	ug/L	0.13
Spiked Amount	5.000	Range	70 - 125	Recovery	=	259.200%#
36) 1,2-Dichloropropane-d6	6.069	67	18981	3.066	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.400%
41) Toluene-d8	7.288	98	74341	3.652	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.593	79	9763	4.177	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.053	63	33803	40.509	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.020%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	15919	4.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	29120	3.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.600%#
Target Compounds						Qvalue
8) Chloroethane	1.603	64	49467	11.982	ug/L	92
9) Trichlorofluoromethane	1.728	101	20961	2.404	ug/L	99
12) 1,1-Dichloroethene	2.069	96	133479827m	30158.604	ug/L	
19) 1,1-Dichloroethane	3.198	63	19957272	2409.305	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	285209088m	28779.603	ug/L	
34) Trichloroethene	5.921	95	4277509	667.593	ug/L	98
42) Toluene	7.365	91	31944	1.350	ug/L	96
45) 1,1,2-Trichloroethane	7.802	97	5846	1.765	ug/L	93
47) Tetrachloroethene	7.937	164	37068	7.120	ug/L	98
52) Ethylbenzene	8.973	91	3552	0.130	ug/L	93
53) m,p-Xylene	9.098	106	2910	0.283	ug/L	90
62) 1,3,5-Trimethylbenzene	10.484	105	22658	0.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	46014	1.809	ug/L	98

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

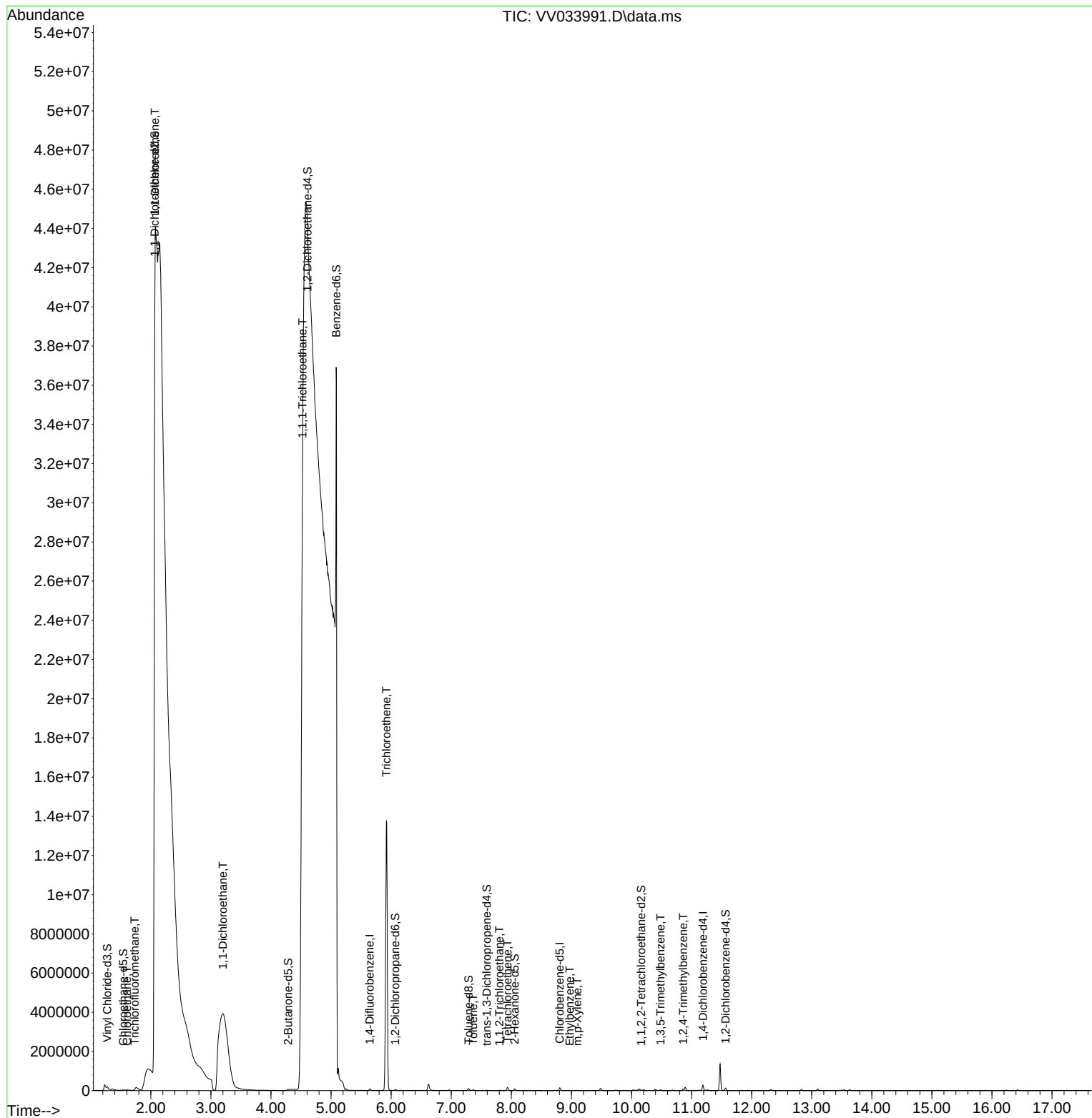
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
Data File : VV033991.D
Acq On : 05 Feb 2024 16:26
Operator : SY/MD
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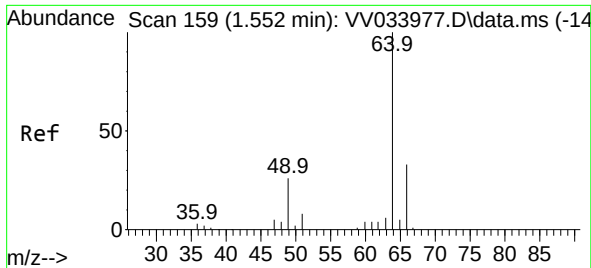
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
Response via : Initial Calibration





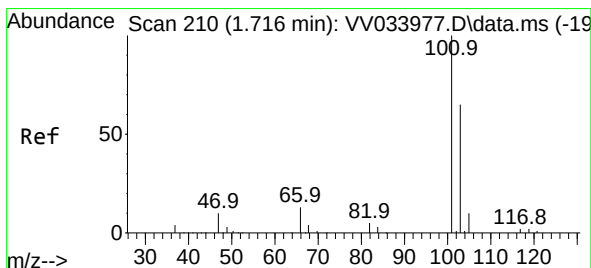
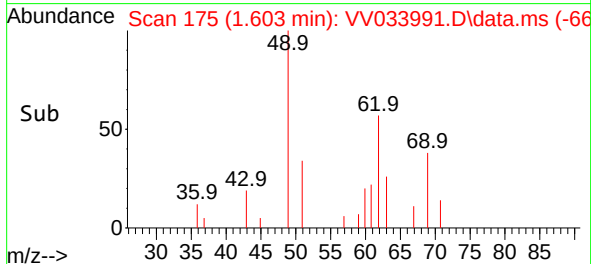
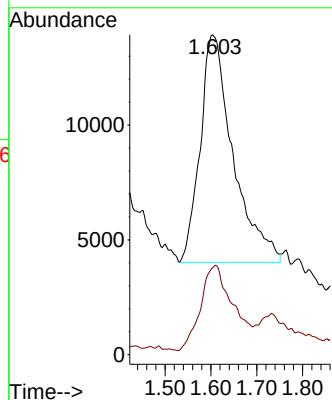
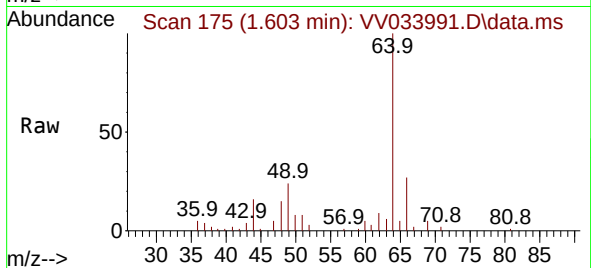
#8
Chloroethane
Concen: 11.982 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.051 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion: 64 Resp: 4946
Ion Ratio Lower Upper
64 100
66 27.1 22.0 41.0

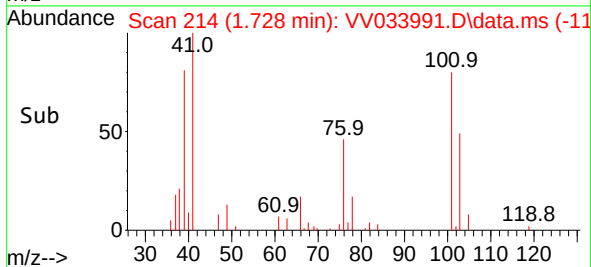
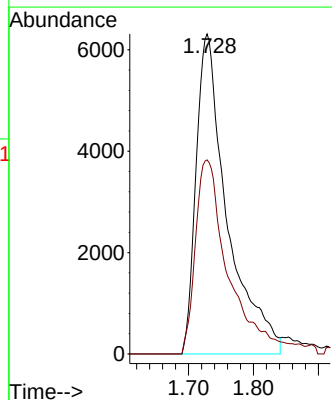
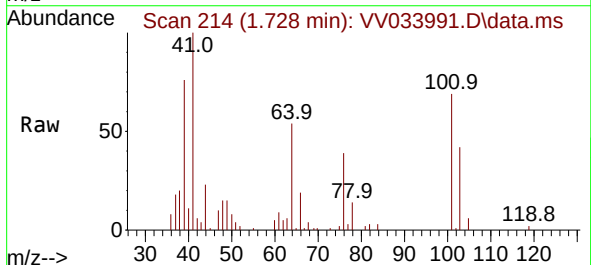
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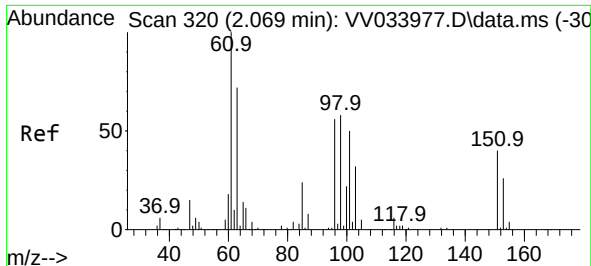
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#9
Trichlorofluoromethane
Concen: 2.404 ug/L
RT: 1.728 min Scan# 214
Delta R.T. 0.013 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

Tgt Ion:101 Resp: 20961
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4





#12

1,1-Dichloroethene

Concen: 30158.604 ug/L m

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033991.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

Tgt Ion: 96 Resp:1334798

Ion Ratio Lower Upper

96 100

61 100.0 128.8 239.2

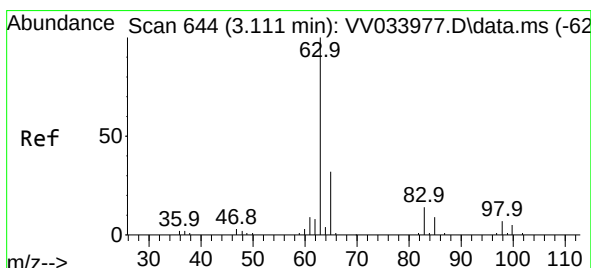
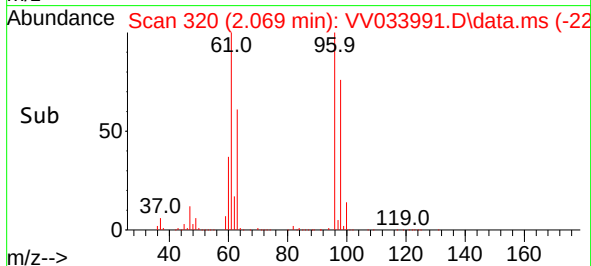
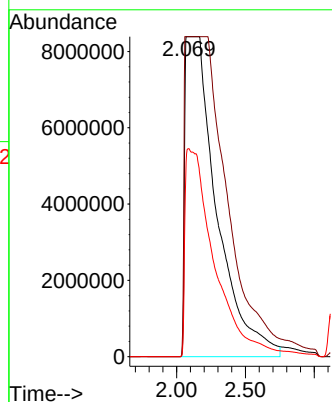
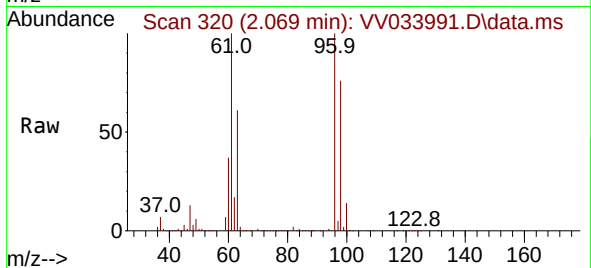
63 60.8 97.9 181.9

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#19

1,1-Dichloroethane

Concen: 2409.305 ug/L

RT: 3.198 min Scan# 671

Delta R.T. 0.087 min

Lab File: VV033991.D

Acq: 05 Feb 2024 16:26

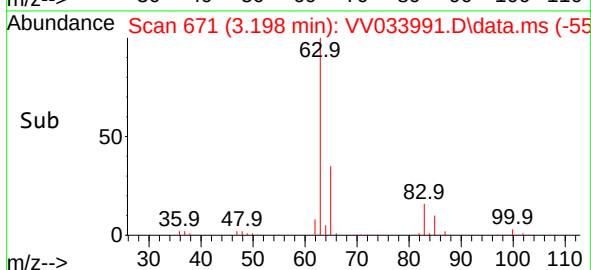
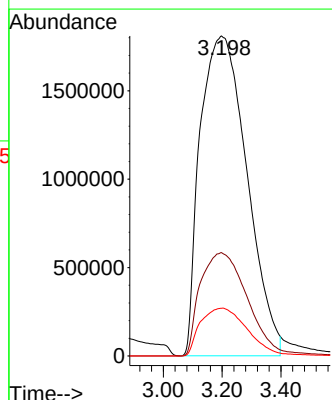
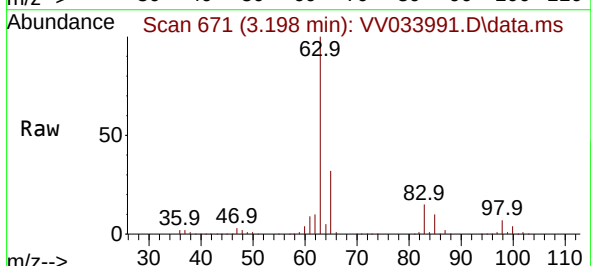
Tgt Ion: 63 Resp:19957272

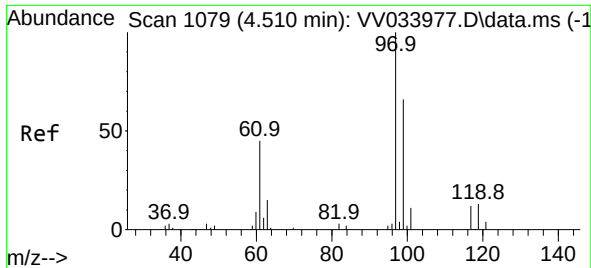
Ion Ratio Lower Upper

63 100

65 32.3 20.8 38.6

83 14.9 9.4 17.4





#29

1,1,1-Trichloroethane

Concen: 28779.603 ug/L m

RT: 4.523 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV033991.D

Acq: 05 Feb 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

Tgt Ion: 97 Resp: 2852090

Ion Ratio Lower Upper

97 100

99 0.0 50.6 75.8

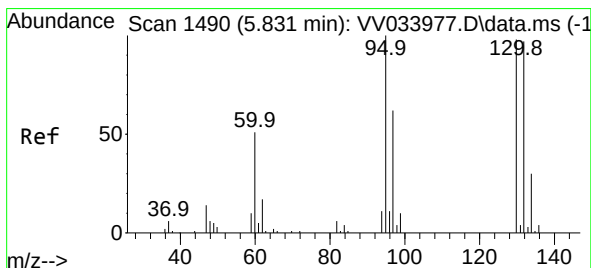
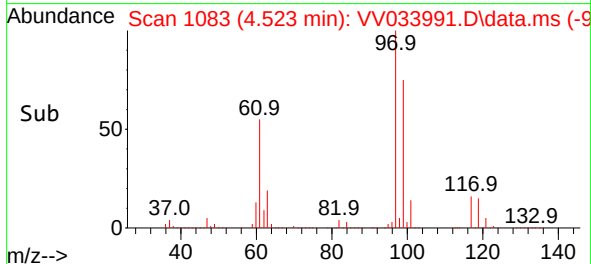
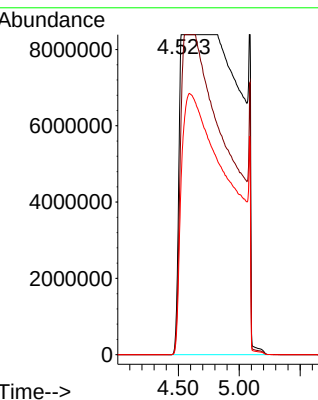
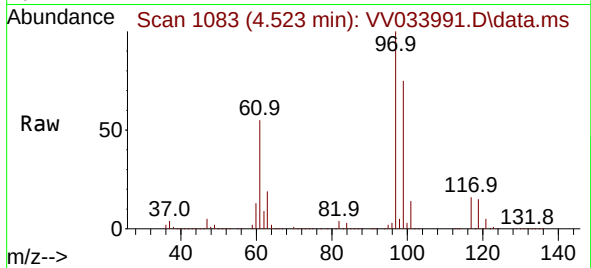
61 0.0 36.8 55.2

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Supervised By :Mahesh Dadoda 02/08/2024



#34

Trichloroethene

Concen: 667.593 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.090 min

Lab File: VV033991.D

Acq: 05 Feb 2024 16:26

Tgt Ion: 95 Resp: 4277509

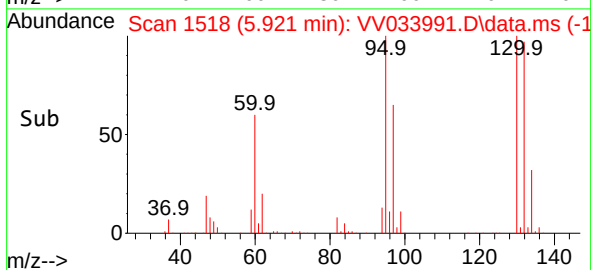
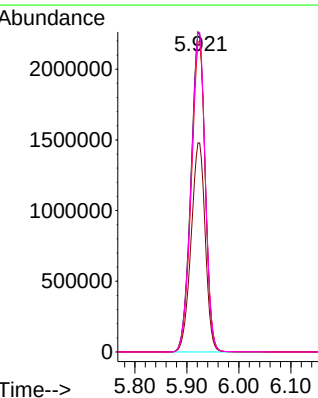
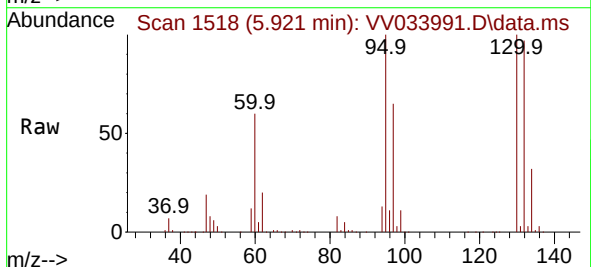
Ion Ratio Lower Upper

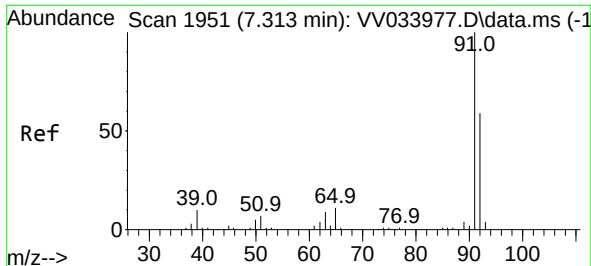
95 100

97 65.4 45.1 83.7

132 96.6 66.0 122.6

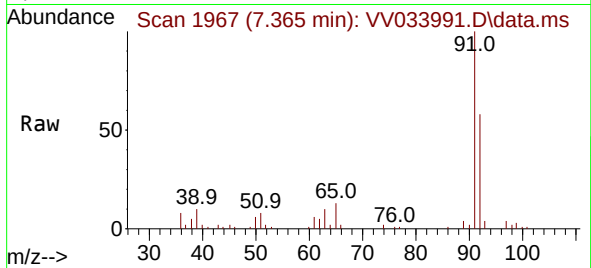
130 100.0 72.2 134.0





#42
Toluene
Concen: 1.350 ug/L
RT: 7.365 min Scan# 1951
Delta R.T. 0.051 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

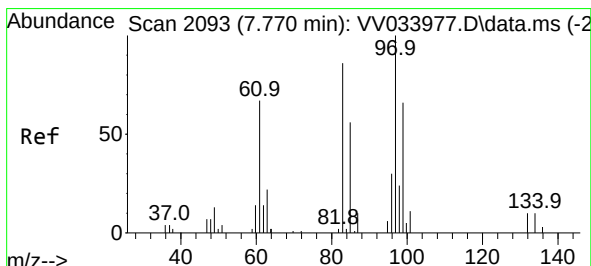
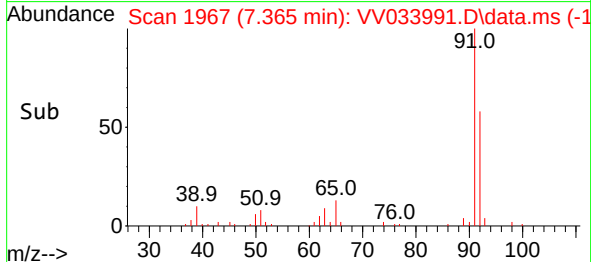
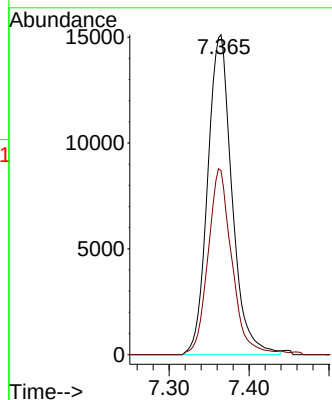
Instrument :
MSVOA_V
ClientSampleId :
C0AF4



Tgt Ion: 91 Resp: 31944
Ion Ratio Lower Upper
91 100
92 57.5 42.1 78.3

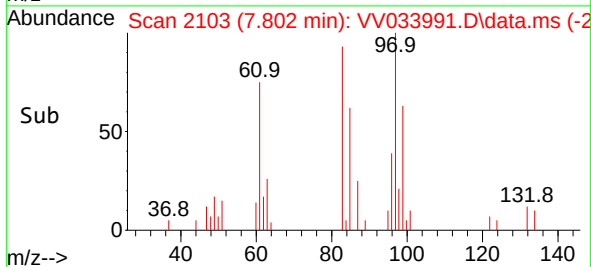
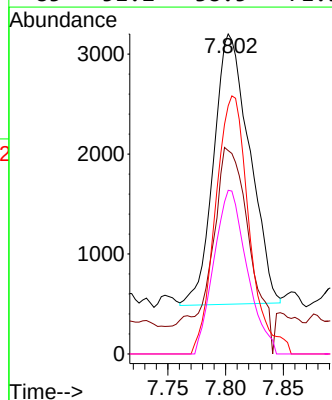
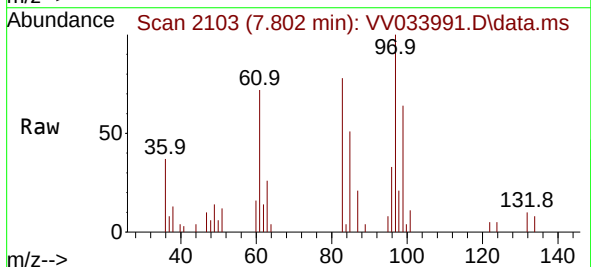
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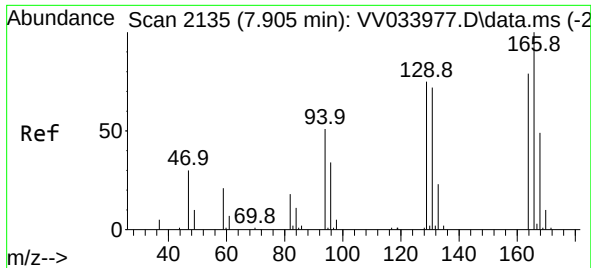
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#45
1,1,2-Trichloroethane
Concen: 1.765 ug/L
RT: 7.802 min Scan# 2103
Delta R.T. 0.032 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

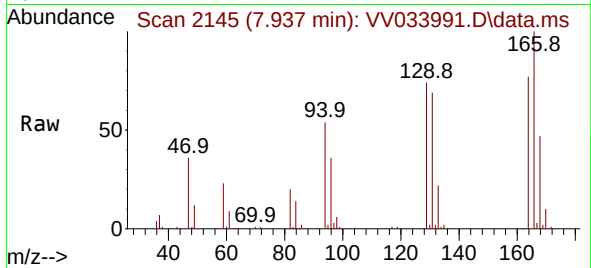
Tgt Ion: 97 Resp: 5846
Ion Ratio Lower Upper
97 100
99 63.6 45.6 84.6
83 77.5 62.3 115.7
85 51.2 38.5 71.5





#47
Tetrachloroethene
Concen: 7.120 ug/L
RT: 7.937 min Scan# 2145
Delta R.T. 0.032 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

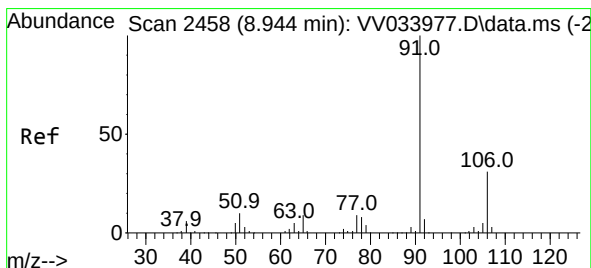
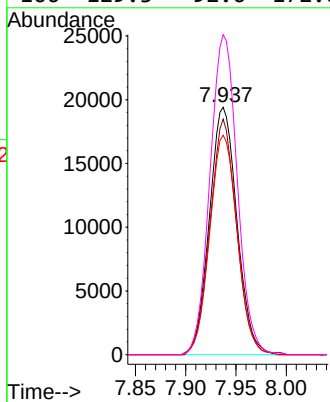
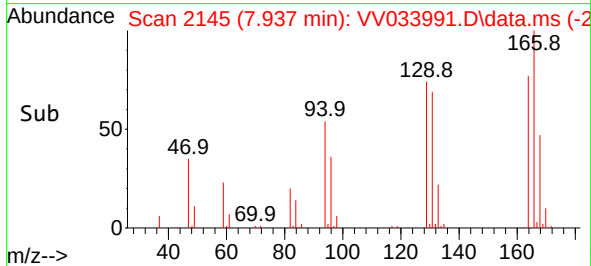
Instrument :
MSVOA_V
ClientSampleId :
C0AF4



Tgt Ion:164 Resp: 3706
Ion Ratio Lower Upper
164 100
129 95.2 67.8 125.8
131 88.7 63.0 117.0
166 129.3 92.6 172.0

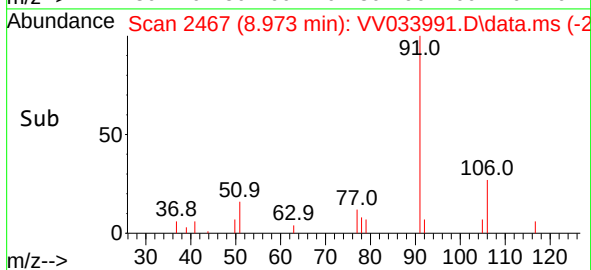
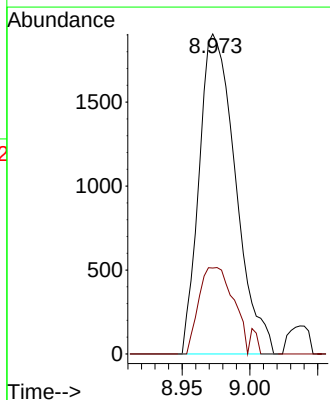
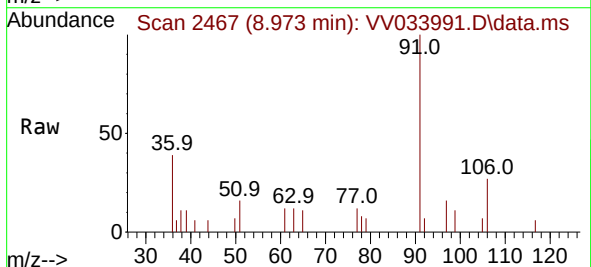
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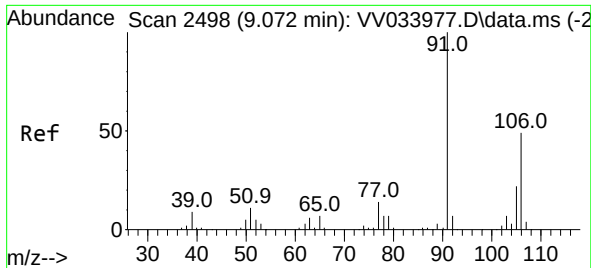
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#52
Ethylbenzene
Concen: 0.130 ug/L
RT: 8.973 min Scan# 2467
Delta R.T. 0.029 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

Tgt Ion: 91 Resp: 3552
Ion Ratio Lower Upper
91 100
106 26.9 21.4 39.8





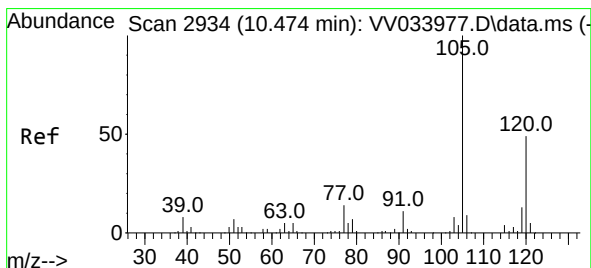
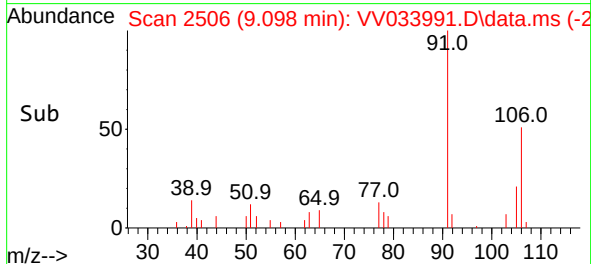
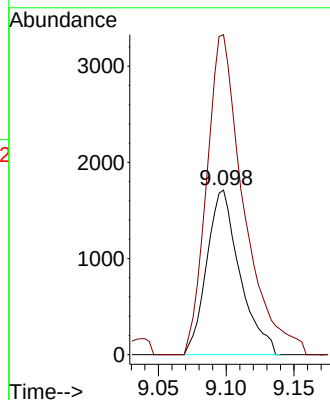
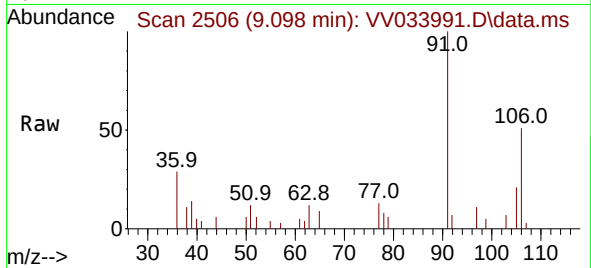
#53
m,p-Xylene
Concen: 0.283 ug/L
RT: 9.098 min Scan# 2506
Delta R.T. 0.026 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion:106 Resp: 2910
Ion Ratio Lower Upper
106 100
91 194.3 147.5 273.9

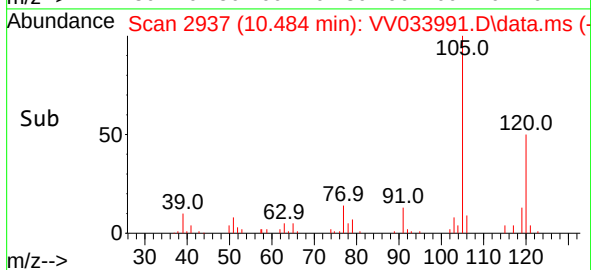
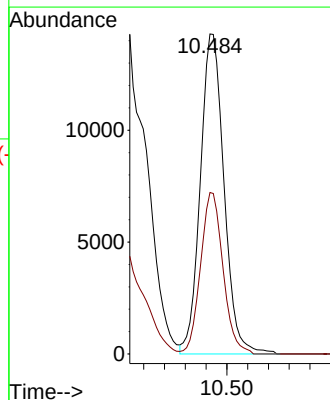
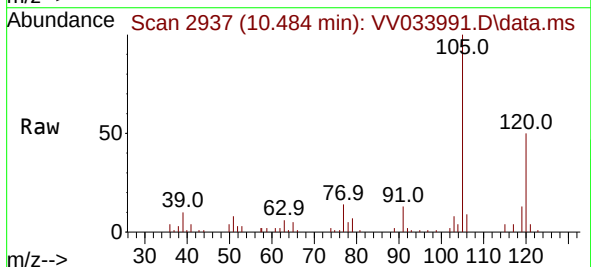
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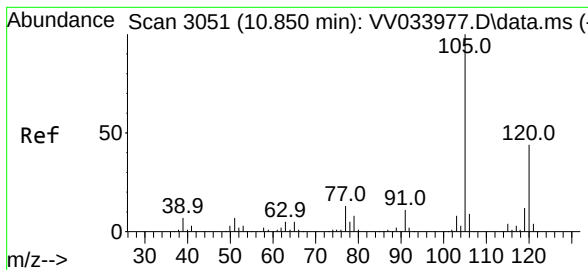
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.866 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.010 min
Lab File: VV033991.D
Acq: 05 Feb 2024 16:26

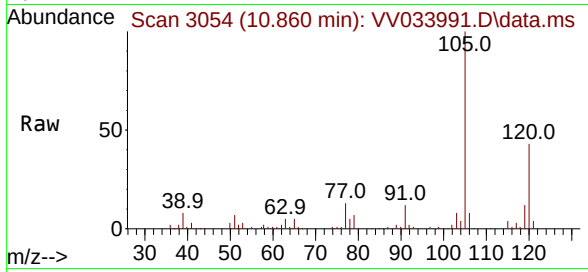
Tgt Ion:105 Resp: 22658
Ion Ratio Lower Upper
105 100
120 47.9 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 1.809 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.010 min
 Lab File: VV033991.D
 Acq: 05 Feb 2024 16:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4



Tgt Ion:105 Resp: 46014
 Ion Ratio Lower Upper
 105 100
 120 43.8 36.2 54.2

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