

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038276.D
 Acq On : 22 Nov 2024 17:54
 Operator : SY/MD
 Sample : P4884-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P4

Quant Time: Nov 23 00:04:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

11/25/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	249981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	282170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	121095	5.000	ug/L	0.00

11/25/2024

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66754	3.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	69941	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.053	65	30949	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.786	46	219190	57.185	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.360%
24) Chloroform-d	4.240	84	173128	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.937	65	84384	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.953	84	293102	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.982	67	105562	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.236	98	234582	3.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	30520	3.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.018	63	202008	62.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88038	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	99964	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	59351	2.509	ug/L	97
5) Vinyl chloride	1.281	62	4393	0.190	ug/L #	79
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6398	0.341	ug/L	87
12) 1,1-Dichloroethene	2.063	96	39978	2.239	ug/L #	76
16) Methylene chloride	2.439	84	101182	4.970	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	8868	0.220	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	4543	0.242	ug/L	94
19) 1,1-Dichloroethane	3.108	63	21571	0.632	ug/L #	93
22) cis-1,2-Dichloroethene	3.802	96	356276	18.319	ug/L	97
25) Chloroform	4.272	83	11710	0.321	ug/L	89
29) 1,1,1-Trichloroethane	4.503	97	75562	2.233	ug/L	99
34) Trichloroethene	5.821	95	6070867	280.976	ug/L	99
42) Toluene	7.320	91	32972	0.393	ug/L	100
47) Tetrachloroethene	7.902	164	25121572m	1446.939	ug/L	
51) Chlorobenzene	8.815	112	23167	0.401	ug/L	99
52) Ethylbenzene	8.953	91	9390	0.105	ug/L	92
53) m,p-Xylene	9.075	106	6004	0.179	ug/L	83
57) 1,1,2,2-Tetrachloroethane	10.175	83	3573	0.190	ug/L #	86
67) 1,2-Dichlorobenzene	11.574	146	6325	0.182	ug/L #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038276.D
Acq On : 22 Nov 2024 17:54
Operator : SY/MD
Sample : P4884-19
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P4

Quant Time: Nov 23 00:04:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

11/25/2024
Supervised By :Semsettin
Yesilyurt

11/25/2024

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038276.D
Acq On : 22 Nov 2024 17:54
Operator : SY/MD
Sample : P4884-19
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P4

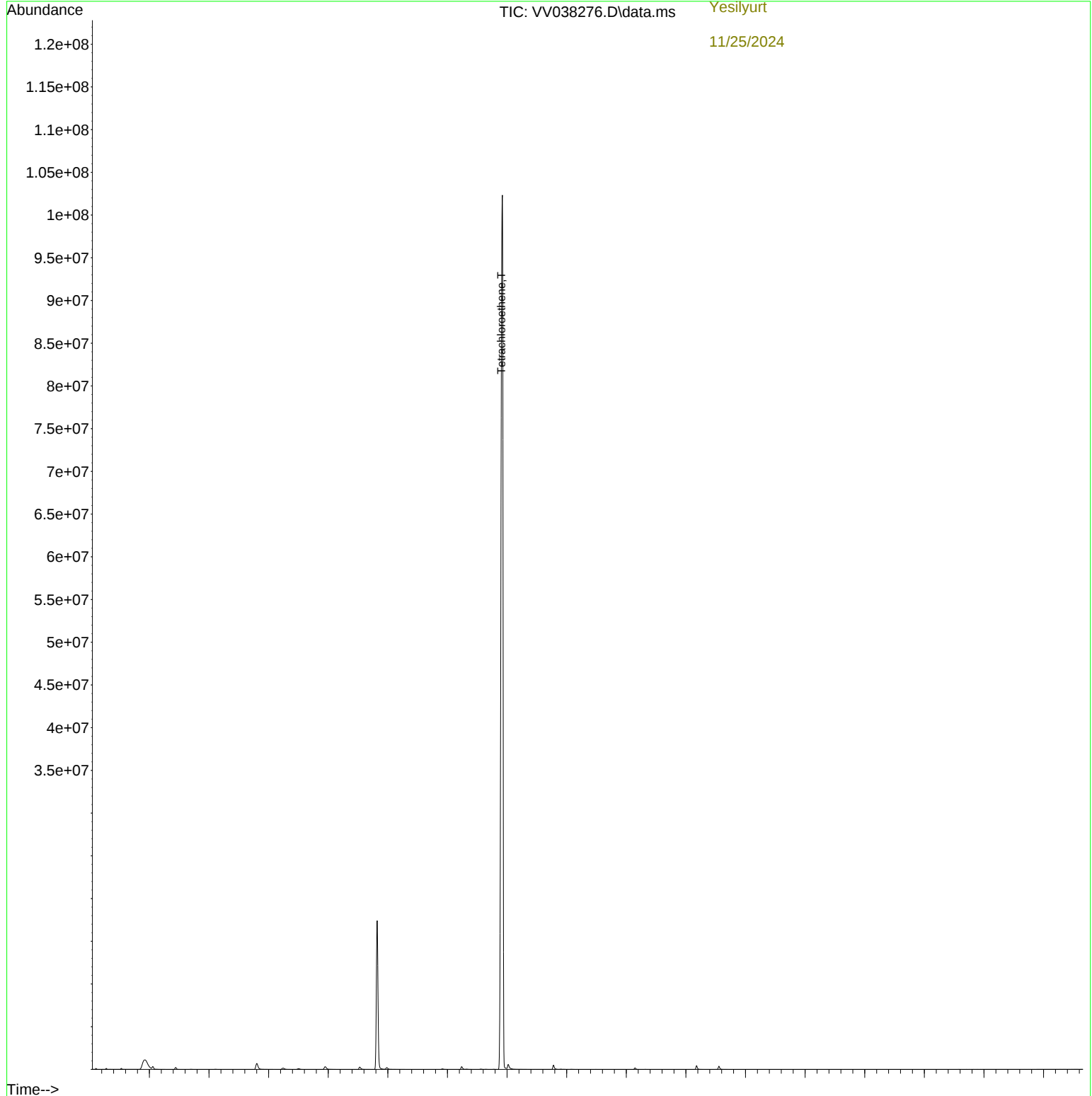
Manual Integrations
APPROVED

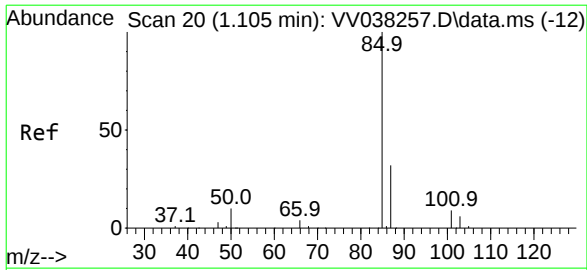
Reviewed By :Mahesh
Dadoda

11/25/2024
Supervised By :Semsettin
Yesilyurt

11/25/2024

Quant Time: Nov 23 00:04:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 2.509 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4

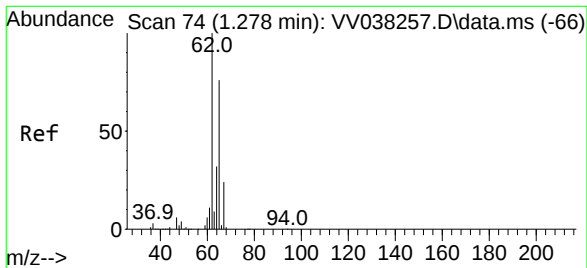
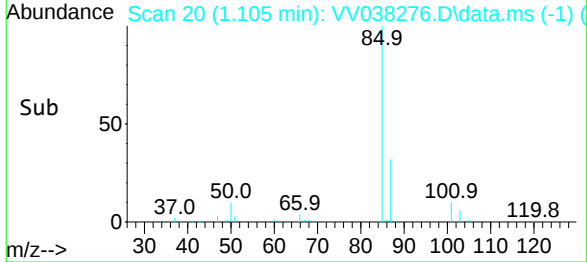
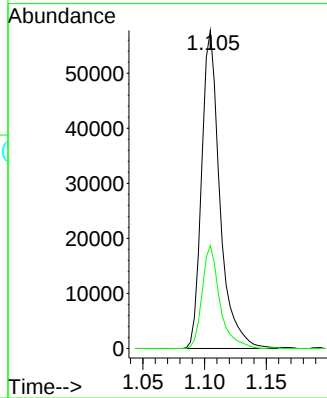
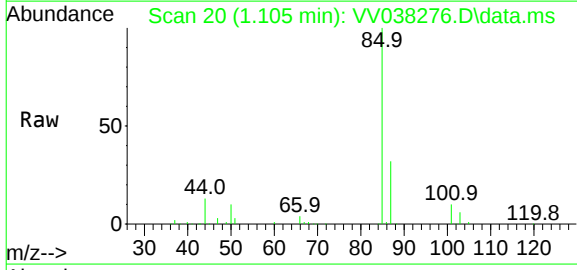
Tgt Ion: 85 Resp: 59351
Ion Ratio Lower Upper
85 100
87 31.3 26.5 39.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

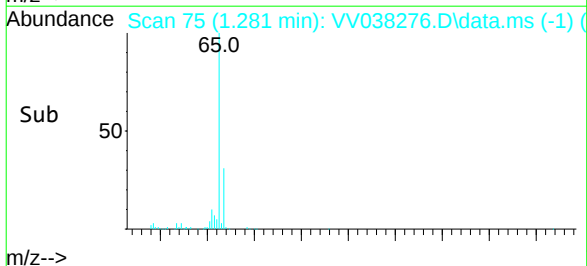
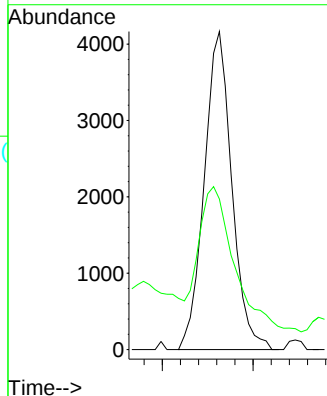
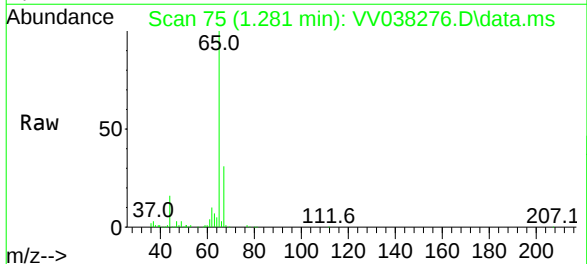
11/25/2024
Supervised By :Semsettin
Yesilyurt

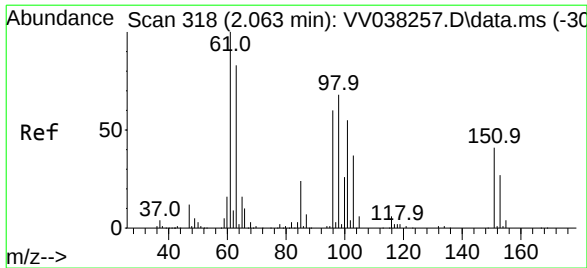
11/25/2024



#5
Vinyl chloride
Concen: 0.190 ug/L
RT: 1.281 min Scan# 75
Delta R.T. 0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Tgt Ion: 62 Resp: 4393
Ion Ratio Lower Upper
62 100
64 47.3 24.4 45.4#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.341 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4

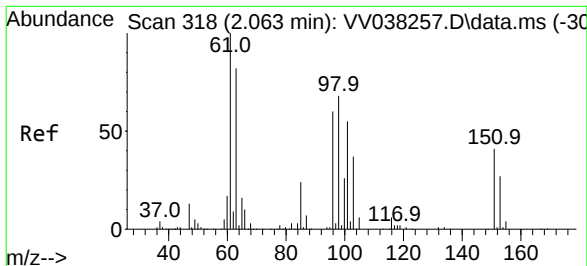
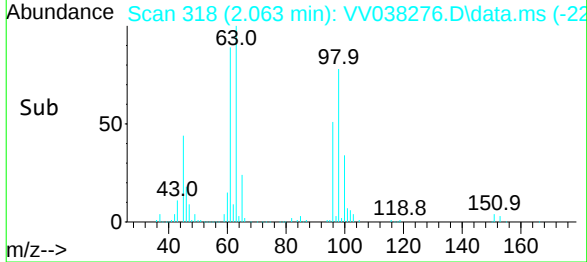
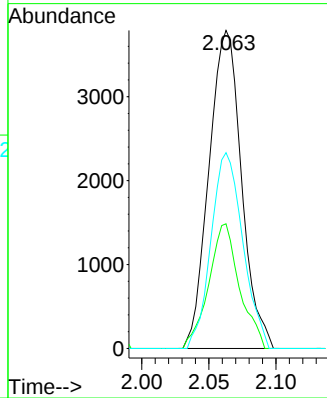
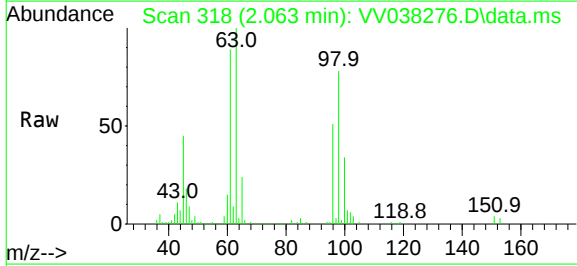
Tgt Ion: 101 Resp: 6398
Ion Ratio Lower Upper
101 100
85 37.1 33.4 50.0
151 60.2 58.8 88.2

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

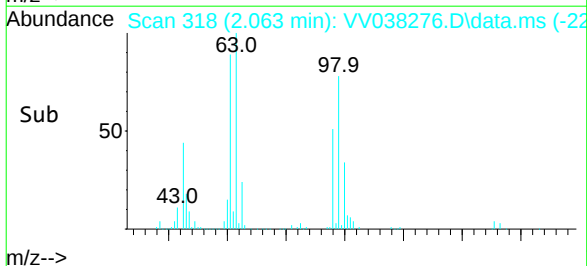
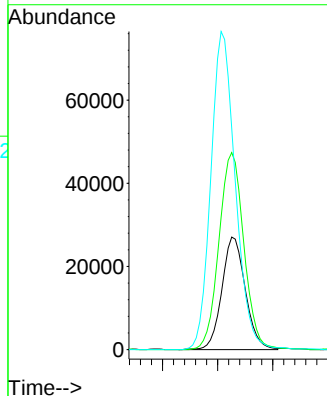
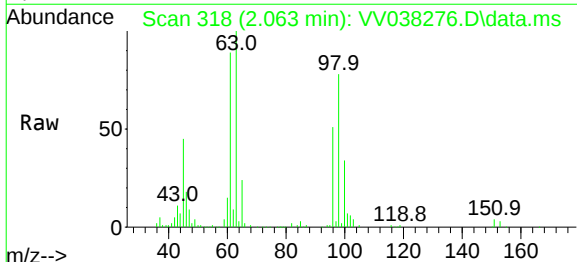
11/25/2024
Supervised By :Semsettin
Yesilyurt

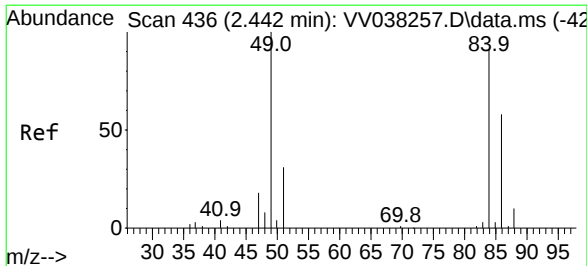
11/25/2024



#12
1,1-Dichloroethene
Concen: 2.239 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

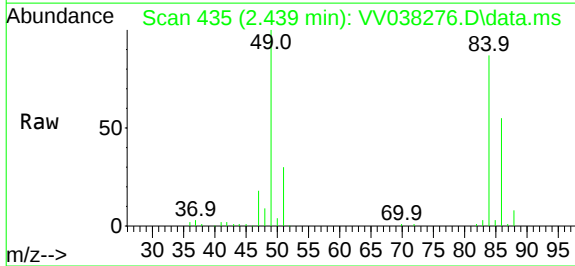
Tgt Ion: 96 Resp: 39978
Ion Ratio Lower Upper
96 100
61 175.0 115.7 214.9
63 196.7 101.1 187.7#





#16
Methylene chloride
Concen: 4.970 ug/L
RT: 2.439 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



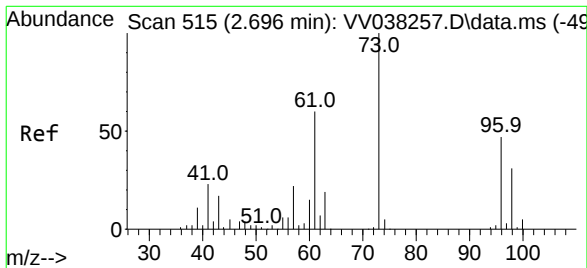
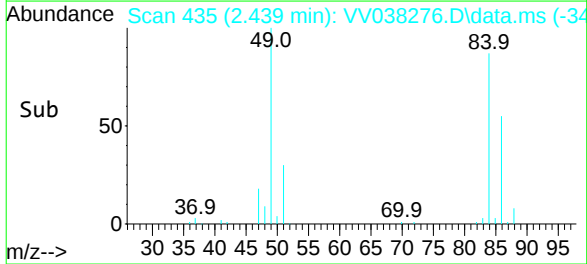
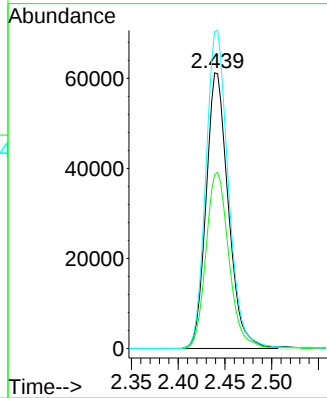
Tgt Ion: 84 Resp: 101182
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.2
49 115.0 74.9 139.1

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

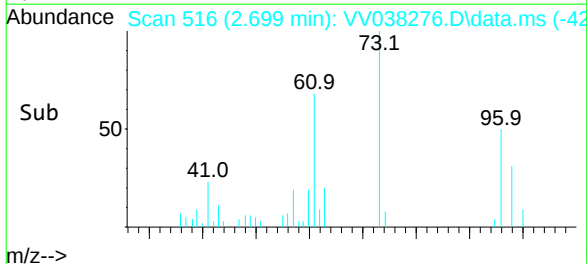
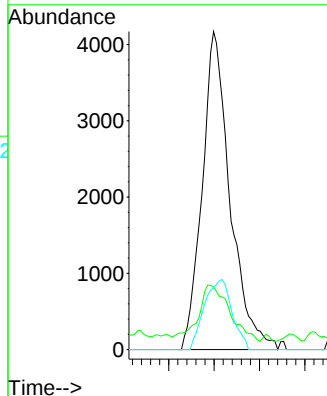
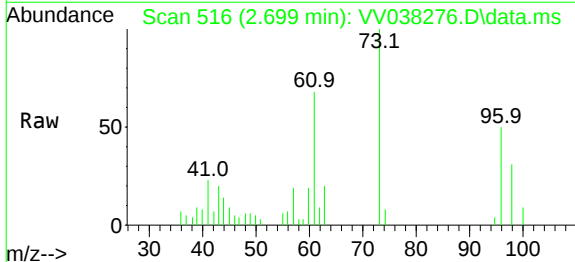
11/25/2024
Supervised By :Semsettin
Yesilyurt

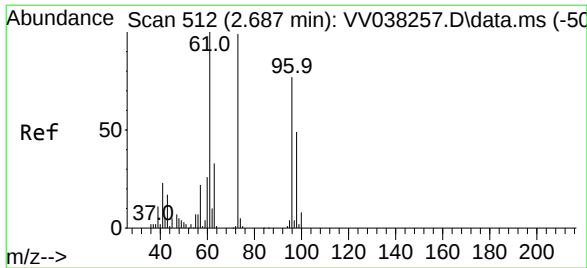
11/25/2024



#17
Methyl tert-butyl Ether
Concen: 0.220 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

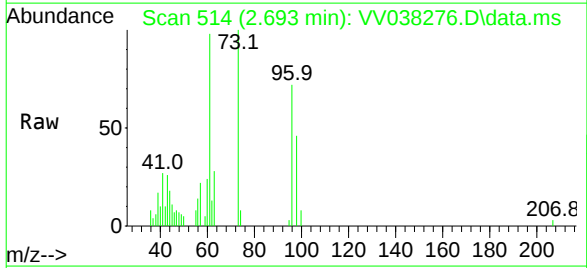
Tgt Ion: 73 Resp: 8868
Ion Ratio Lower Upper
73 100
43 19.9 14.2 21.2
57 21.8 17.6 26.4





#18
trans-1,2-Dichloroethene
Concen: 0.242 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



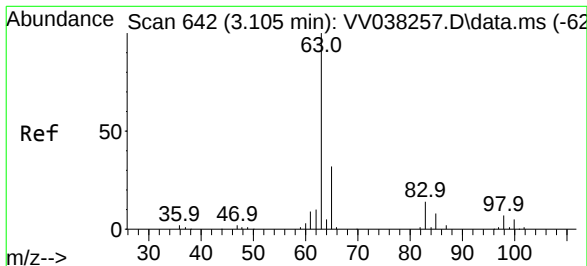
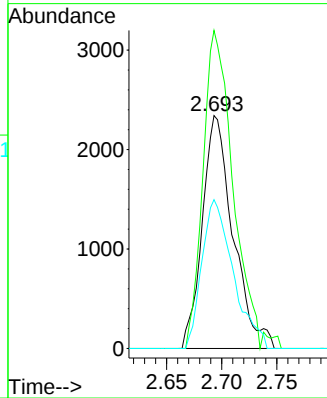
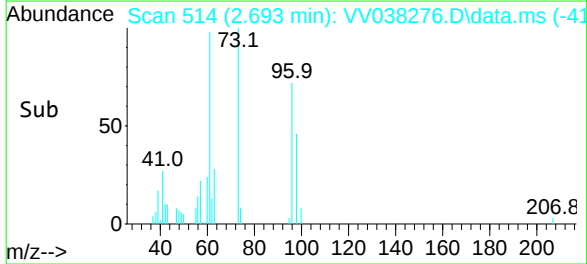
Tgt Ion: 96 Resp: 4543
Ion Ratio Lower Upper
96 100
61 136.5 88.5 164.4
98 63.9 43.9 81.5

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

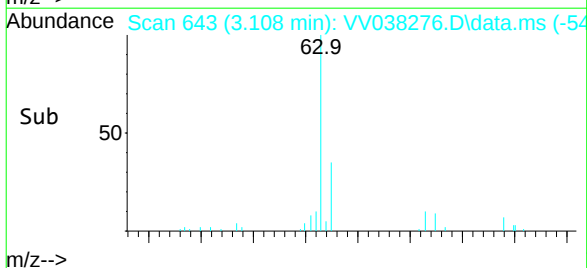
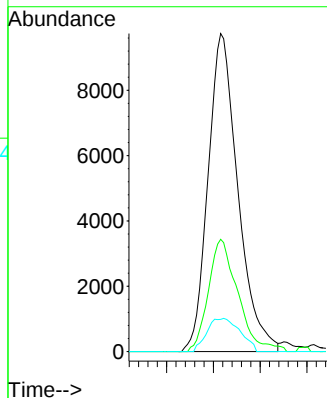
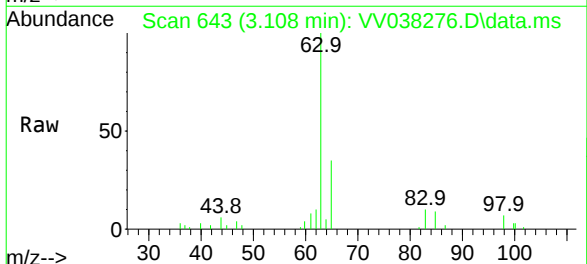
11/25/2024
Supervised By :Semsettin
Yesilyurt

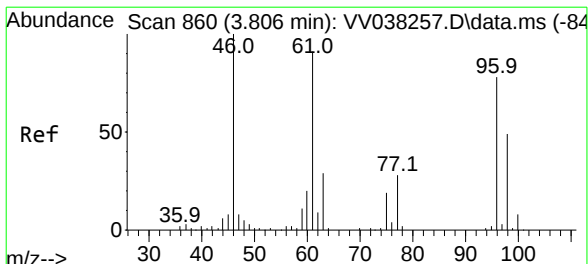
11/25/2024



#19
1,1-Dichloroethane
Concen: 0.632 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Tgt Ion: 63 Resp: 21571
Ion Ratio Lower Upper
63 100
65 35.3 22.5 41.7
83 10.1 10.1 18.9#





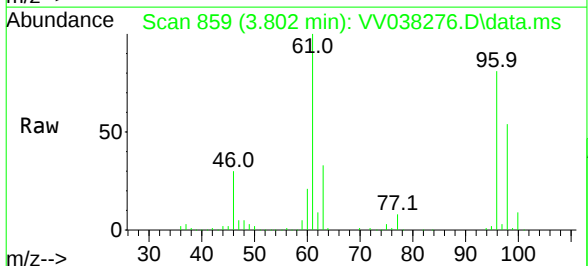
#22
 cis-1,2-Dichloroethene
 Concen: 18.319 ug/L
 RT: 3.802 min Scan# 85
 Delta R.T. -0.003 min
 Lab File: VV038276.D
 Acq: 22 Nov 2024 17:54

Instrument :

MSVOA_V

ClientSampleId :

BG3P4



Tgt Ion:	96	Resp:	356276
Ion	Ratio	Lower	Upper
96	100		
61	123.0	82.7	153.5
98	66.1	46.3	85.9

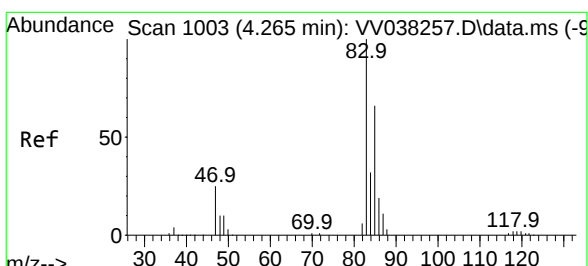
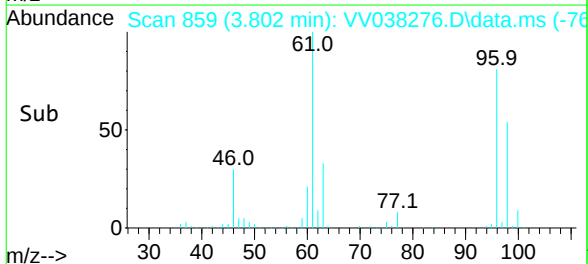
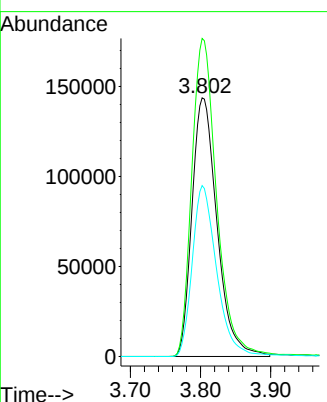
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

11/25/2024

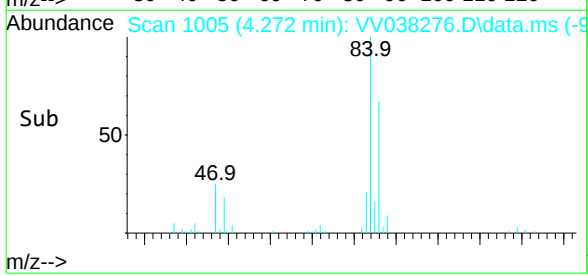
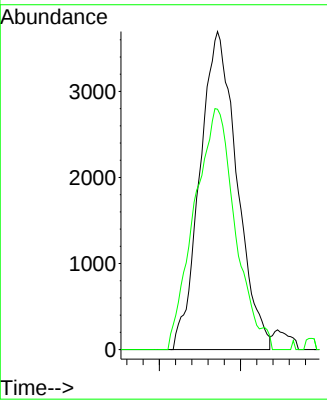
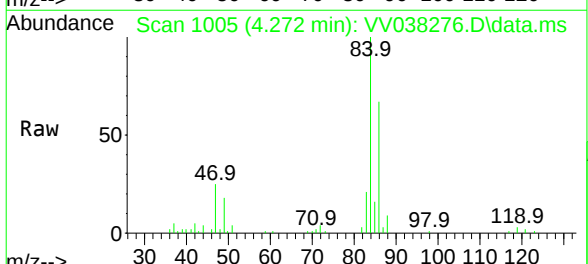
Supervised By :Semsettin
 Yesilyurt

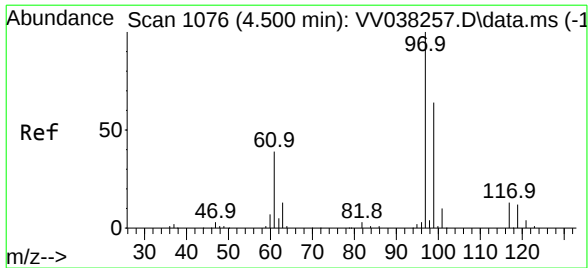
11/25/2024



#25
 Chloroform
 Concen: 0.321 ug/L
 RT: 4.272 min Scan# 1005
 Delta R.T. 0.006 min
 Lab File: VV038276.D
 Acq: 22 Nov 2024 17:54

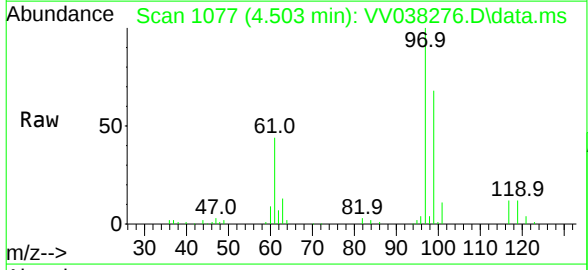
Tgt Ion:	83	Resp:	11710
Ion	Ratio	Lower	Upper
83	100		
85	75.6	46.5	86.3





#29
 1,1,1-Trichloroethane
 Concen: 2.233 ug/L
 RT: 4.503 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV038276.D
 Acq: 22 Nov 2024 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P4



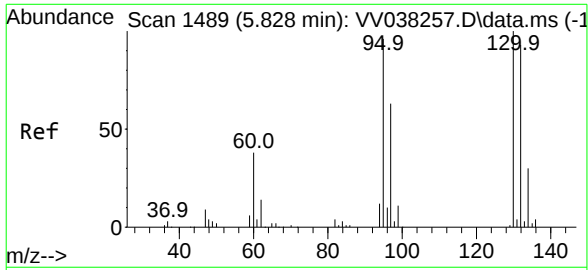
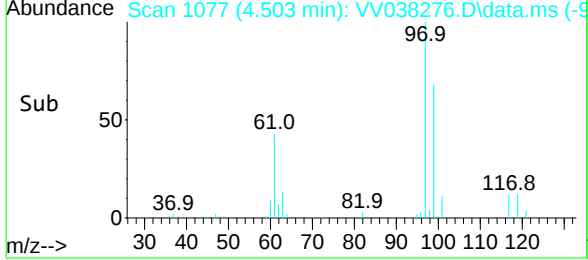
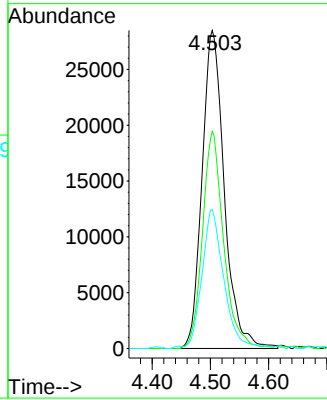
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	40.9	32.2	48.2

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

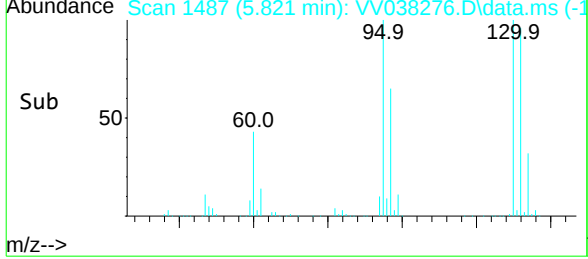
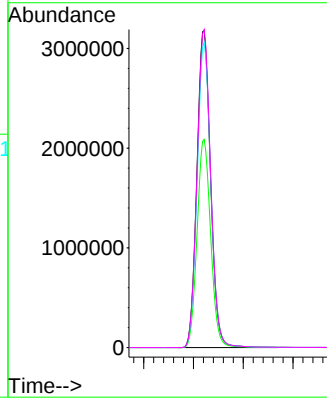
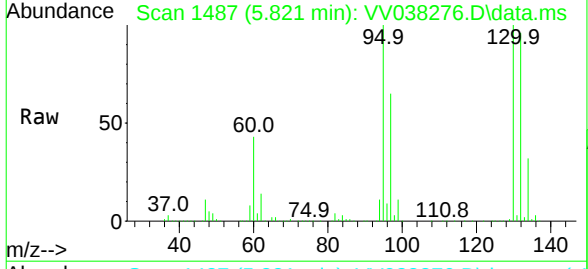
11/25/2024
 Supervised By :Semsettin
 Yesilyurt

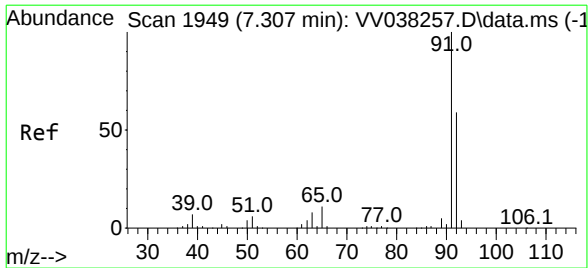
11/25/2024



#34
 Trichloroethene
 Concen: 280.976 ug/L
 RT: 5.821 min Scan# 1487
 Delta R.T. -0.007 min
 Lab File: VV038276.D
 Acq: 22 Nov 2024 17:54

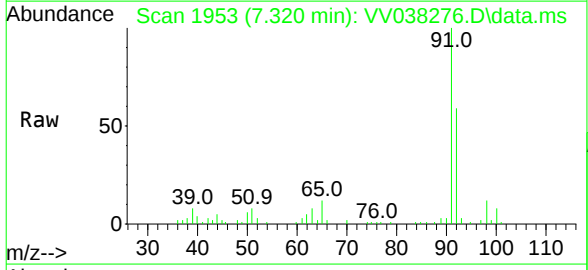
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.8	83.2
132	96.3	68.3	126.8
130	100.3	70.2	130.4





#42
Toluene
Concen: 0.393 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



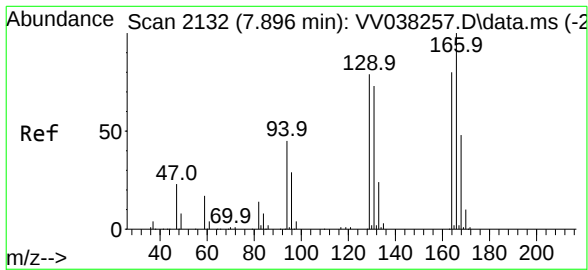
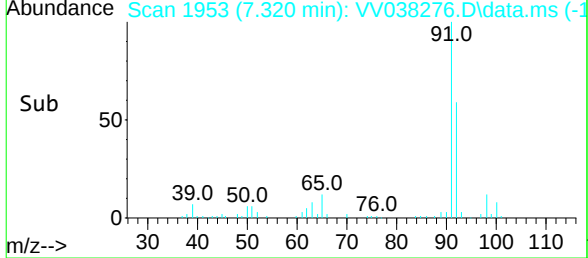
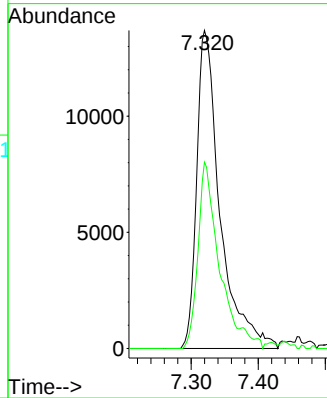
Tgt Ion: 91 Resp: 32972
Ion Ratio Lower Upper
91 100
92 58.6 40.8 75.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

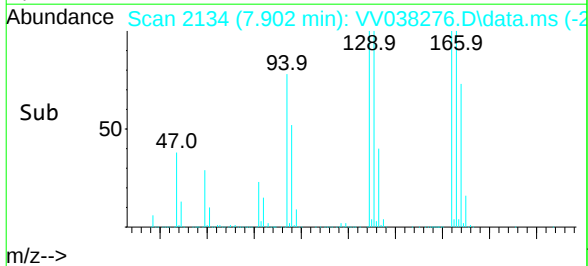
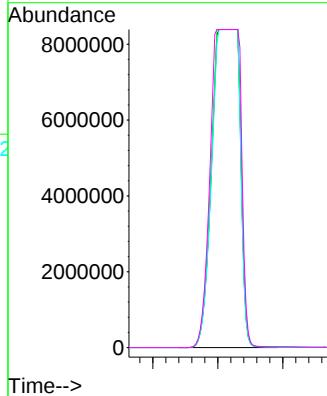
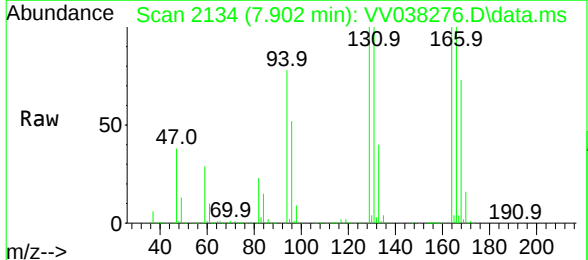
11/25/2024
Supervised By :Semsettin
Yesilyurt

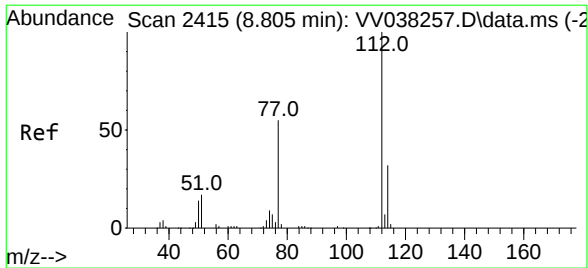
11/25/2024



#47
Tetrachloroethene
Concen: 1446.939 ug/L m
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

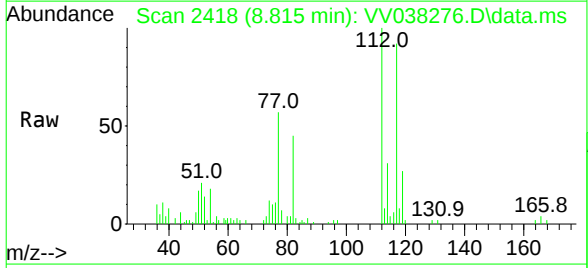
Tgt Ion:164 Resp:25121572
Ion Ratio Lower Upper
164 100
129 100.0 68.5 127.1
131 100.0 64.8 120.4
166 100.0 88.3 163.9





#51
Chlorobenzene
Concen: 0.401 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.009 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



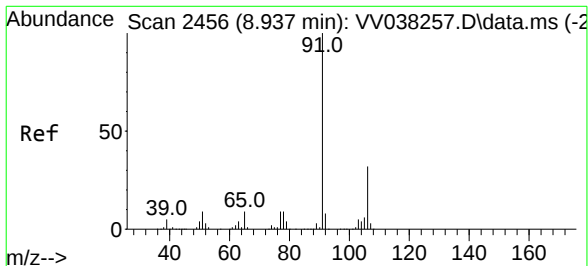
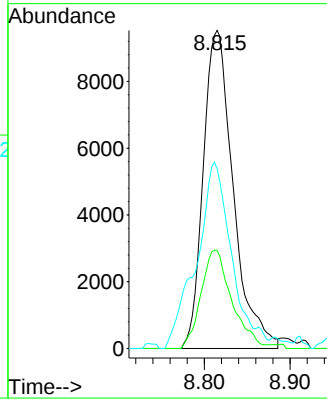
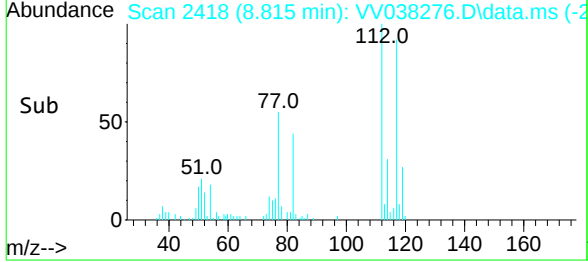
Tgt Ion: 112 Resp: 23167
Ion Ratio Lower Upper
112 100
114 30.8 22.0 40.8
77 56.5 45.0 67.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

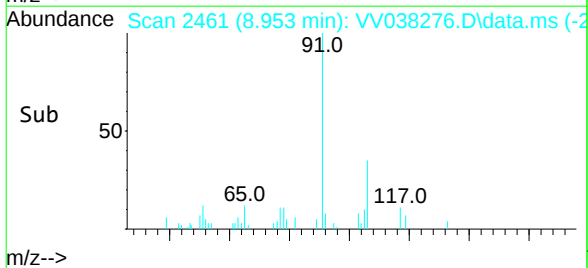
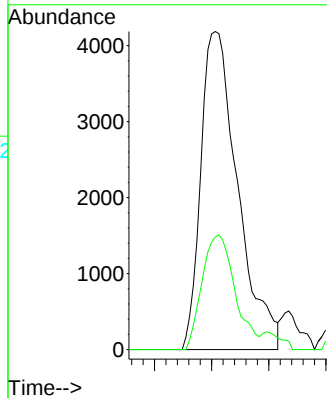
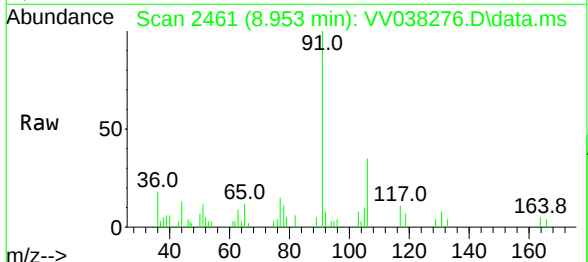
11/25/2024
Supervised By :Semsettin
Yesilyurt

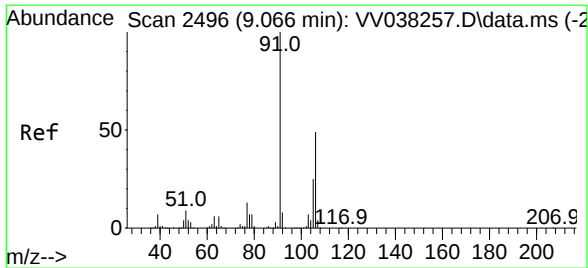
11/25/2024



#52
Ethylbenzene
Concen: 0.105 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

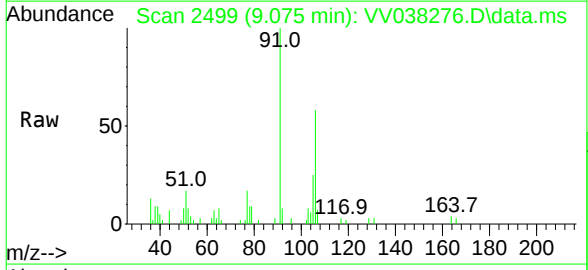
Tgt Ion: 91 Resp: 9390
Ion Ratio Lower Upper
91 100
106 35.4 21.8 40.4





#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.009 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



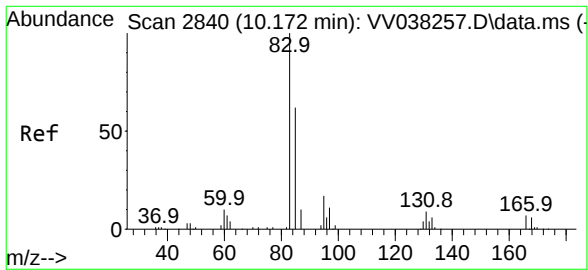
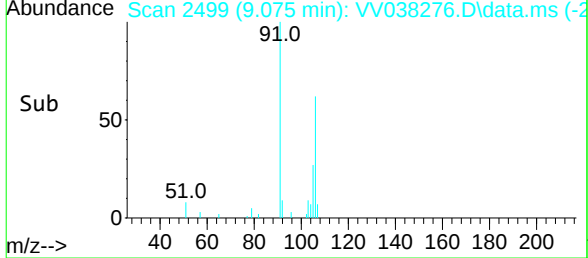
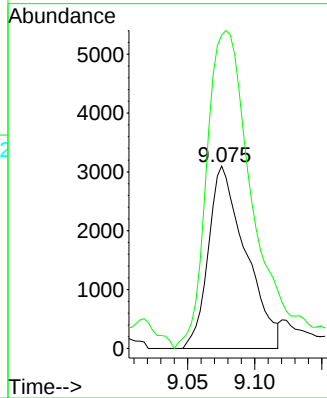
Tgt Ion:106 Resp: 6004
Ion Ratio Lower Upper
106 100
91 171.9 138.7 257.5

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

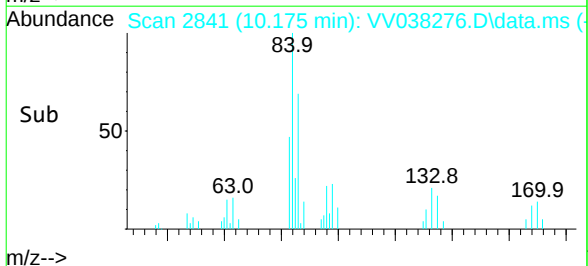
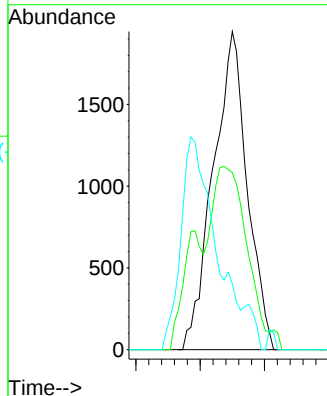
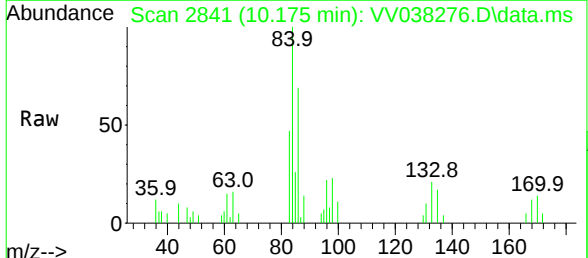
11/25/2024
Supervised By :Semsettin
Yesilyurt

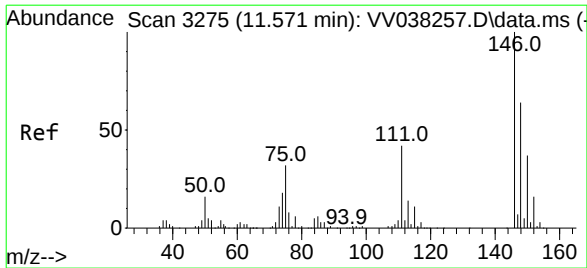
11/25/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.190 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

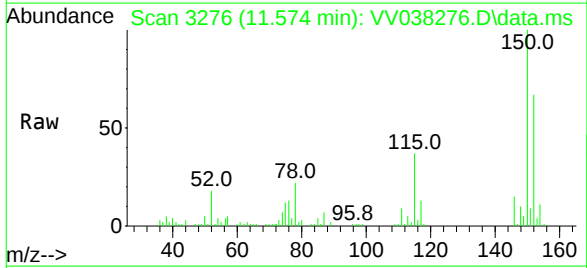
Tgt Ion: 83 Resp: 3573
Ion Ratio Lower Upper
83 100
85 55.7 45.7 84.9
131 20.8 8.2 12.4#





#67
1,2-Dichlorobenzene
Concen: 0.182 ug/L
RT: 11.574 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038276.D
Acq: 22 Nov 2024 17:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P4



Tgt Ion:146 Resp: 6325
Ion Ratio Lower Upper
146 100
111 57.6 34.2 51.2#
148 67.3 51.0 76.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

11/25/2024
Supervised By :Semsettin
Yesilyurt

11/25/2024

