

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037585.D
 Acq On : 27 Sep 2024 05:28
 Operator : SY/MD
 Sample : P4185-13
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY061

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 05:59:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	633159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	621860	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242307	43.595	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.200%		
7) Chloroethane-d5	1.532	69	188317	43.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.300%		
11) 1,1-Dichloroethene-d2	2.059	65	101190	43.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
21) 2-Butanone-d5	3.793	46	170511	86.130	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.130%		
24) Chloroform-d	4.243	84	433306	43.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
26) 1,2-Dichloroethane-d4	4.937	65	258652	44.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
32) Benzene-d6	4.953	84	857806	44.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
36) 1,2-Dichloropropane-d6	5.985	67	274256	44.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.520%		
41) Toluene-d8	7.239	98	764646	43.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.660%		
43) trans-1,3-Dichloroprop...	7.551	79	111728	38.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.640%		
47) 2-Hexanone-d5	8.024	63	116860	89.313	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.310%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	306897	42.626	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.260%		
66) 1,2-Dichlorobenzene-d4	11.554	152	305161	46.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.800%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	1111973	198.208	ug/L	99
8) Chloroethane	1.548	64	2873299	830.953	ug/L	97
16) Methylene chloride	2.445	84	20225	4.238	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	24475	5.488	ug/L	97
19) 1,1-Dichloroethane	3.104	63	866132	101.374	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	127782	25.606	ug/L	96
27) 1,2-Dichloroethane	5.043	62	29620	4.743	ug/L	98
52) Ethylbenzene	8.943	91	141471	6.464	ug/L	100
54) o-Xylene	9.480	106	9720	1.222	ug/L	91
60) Isopropylbenzene	9.866	105	25626m	1.263	ug/L	
63) 1,2,4-Trimethylbenzene	10.847	105	65908	4.129	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	24070	2.493	ug/L	98

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

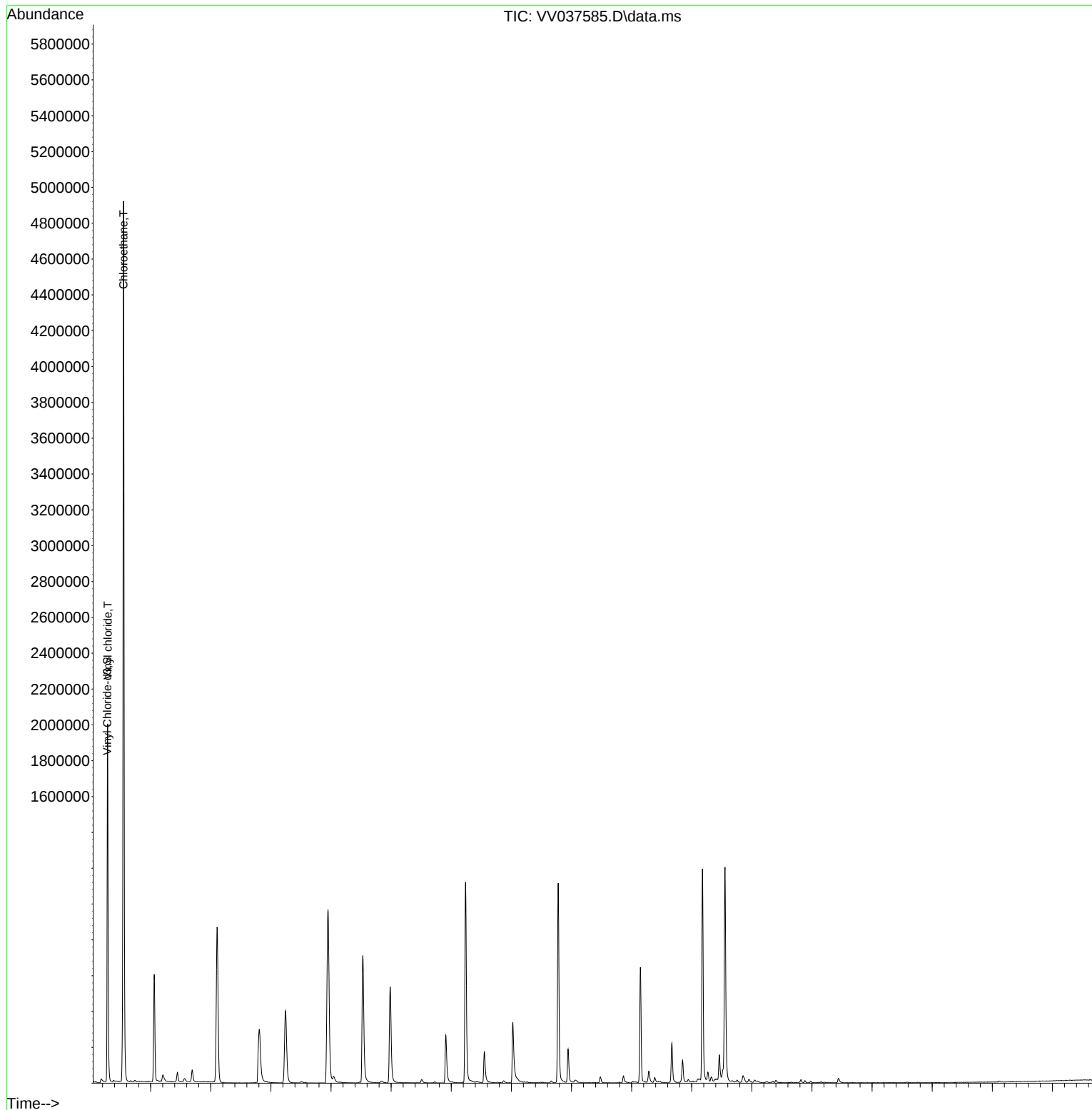
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037585.D
Acq On : 27 Sep 2024 05:28
Operator : SY/MD
Sample : P4185-13
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

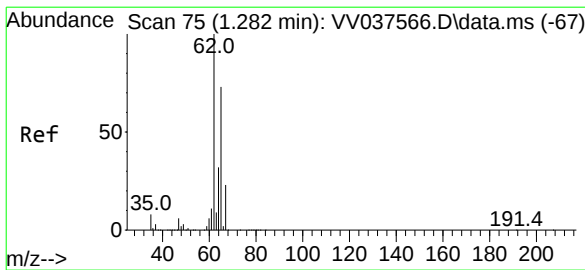
Instrument :
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ClientSampleId :
EY061

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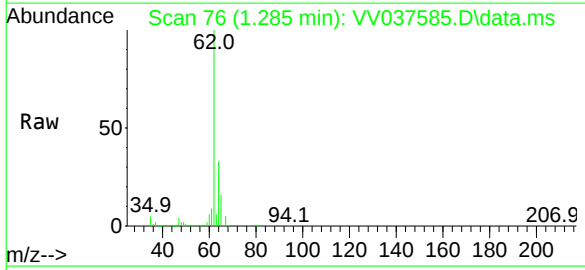
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 198.208 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

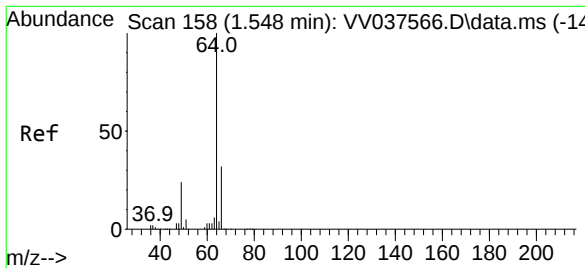
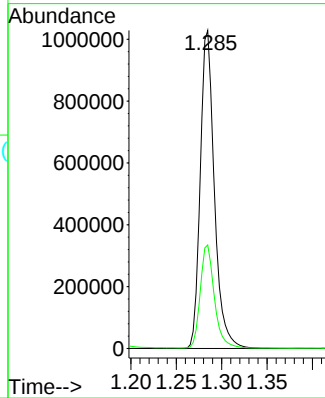
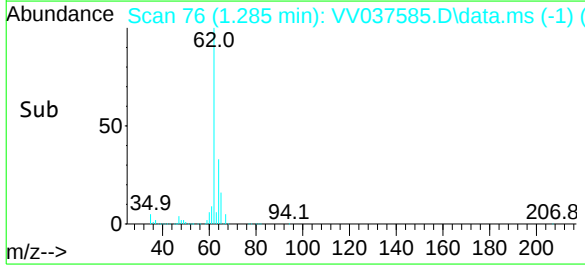
Instrument :
MSVOA_V
ClientSampleId :
EY061



Tgt Ion: 62 Resp: 1111973
Ion Ratio Lower Upper
62 100
64 32.6 23.2 43.0

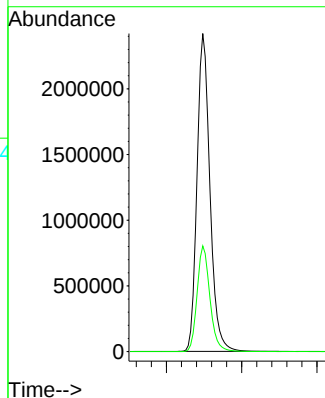
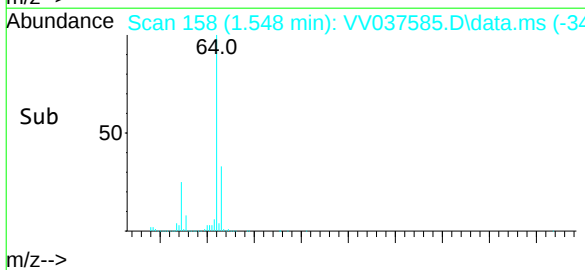
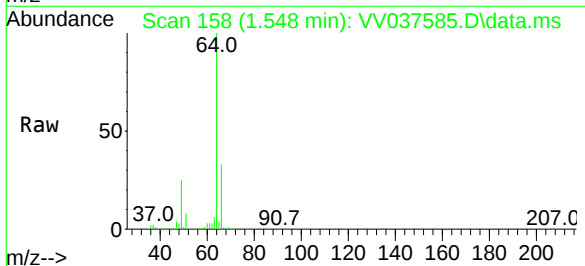
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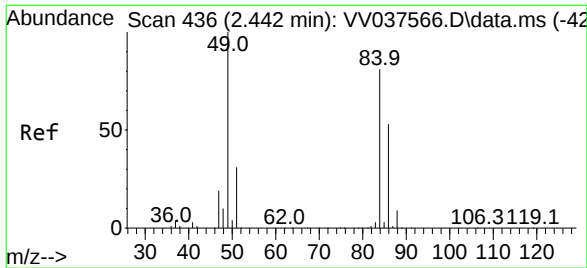
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#8
Chloroethane
Concen: 830.953 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion: 64 Resp: 2873299
Ion Ratio Lower Upper
64 100
66 33.2 22.2 41.2





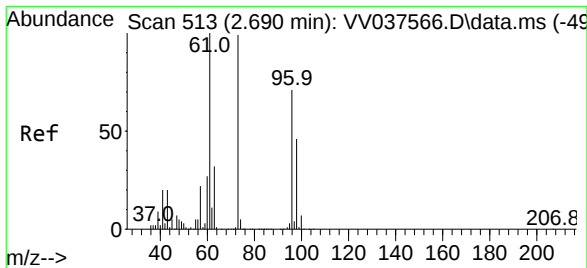
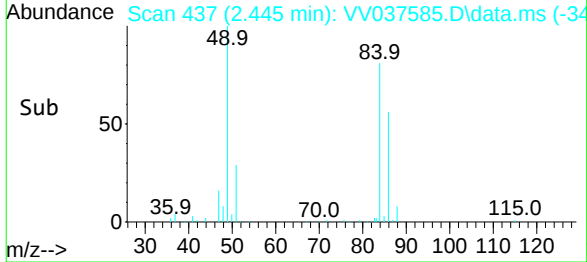
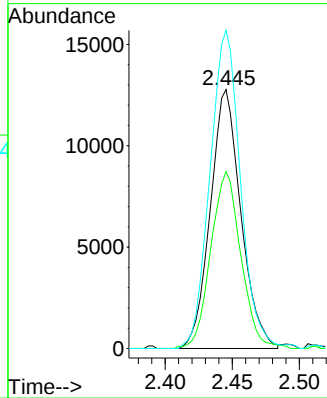
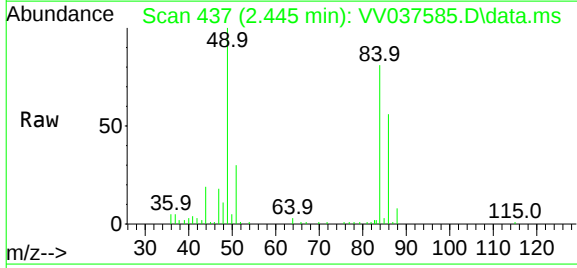
#16
Methylene chloride
Concen: 4.238 ug/L
RT: 2.445 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :
EY061

Tgt Ion:	84	Resp:	20225
Ion	Ratio	Lower	Upper
84	100		
86	68.3	46.4	86.2
49	122.9	85.9	159.5

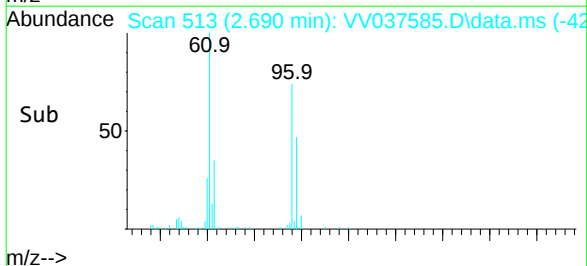
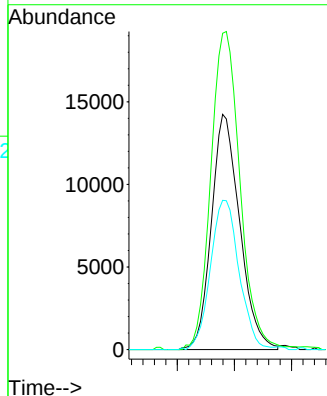
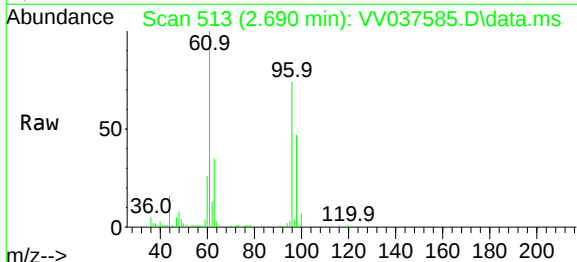
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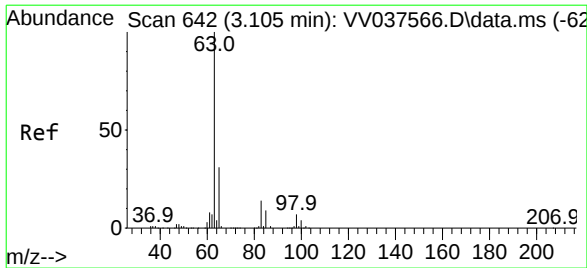
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#17
trans-1,2-Dichloroethene
Concen: 5.488 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion:	96	Resp:	24475
Ion	Ratio	Lower	Upper
96	100		
61	134.5	97.3	180.7
98	63.4	43.9	81.5





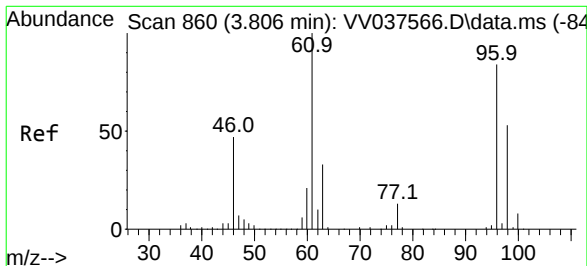
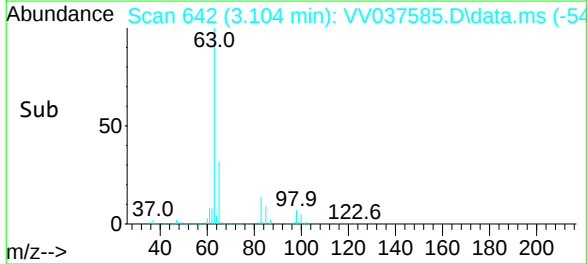
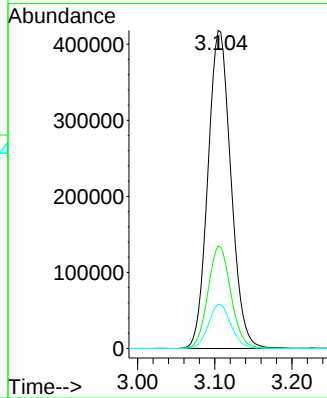
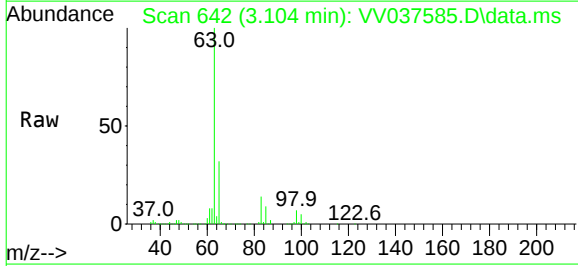
#19
1,1-Dichloroethane
Concen: 101.374 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :
EY061

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	13.9	9.5	17.7

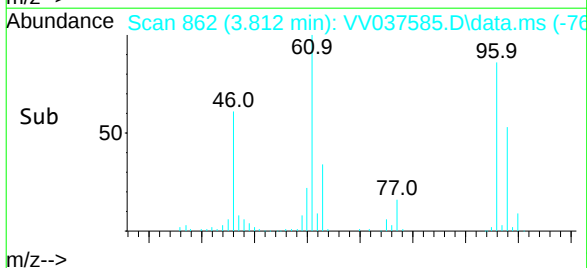
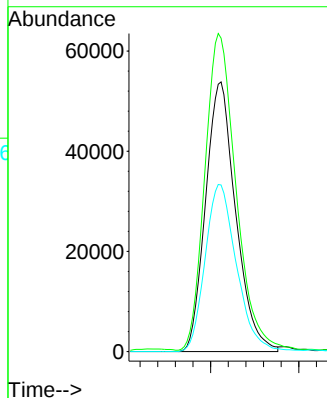
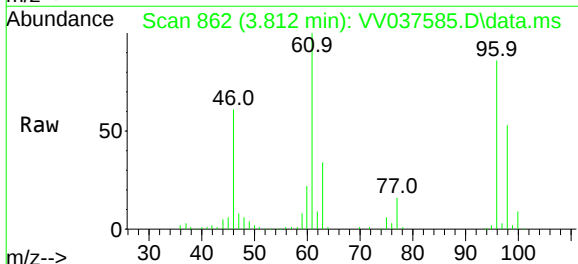
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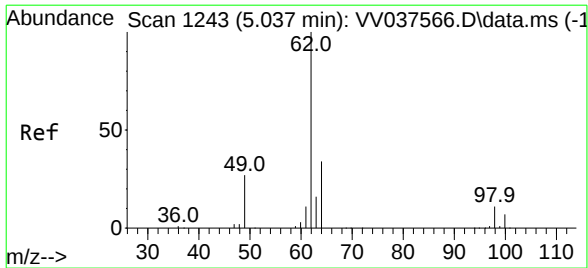
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#20
cis-1,2-Dichloroethene
Concen: 25.606 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

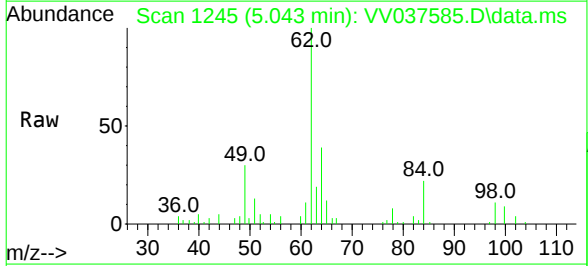
Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.2	85.0	157.8
98	61.8	44.2	82.0





#27
1,2-Dichloroethane
Concen: 4.743 ug/L
RT: 5.043 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

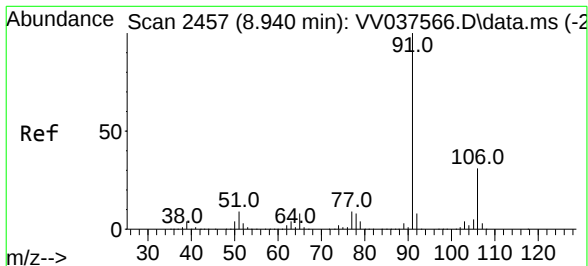
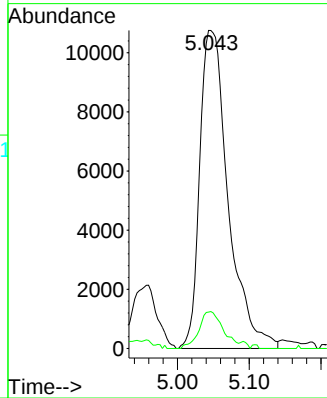
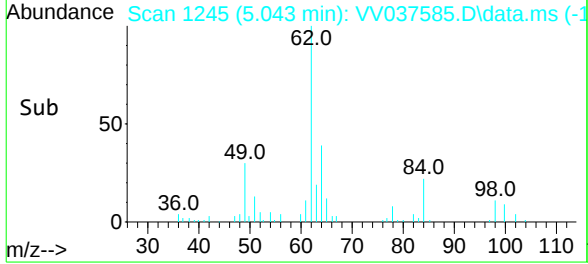
Instrument :
MSVOA_V
ClientSampleId :
EY061



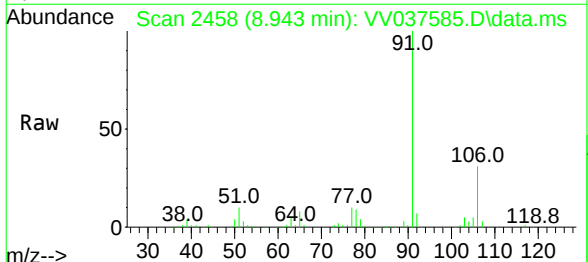
Tgt Ion: 62 Resp: 29620
Ion Ratio Lower Upper
62 100
98 11.4 8.4 12.6

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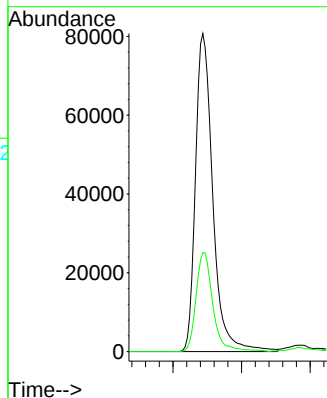
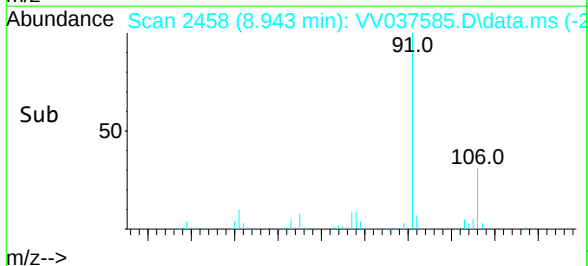
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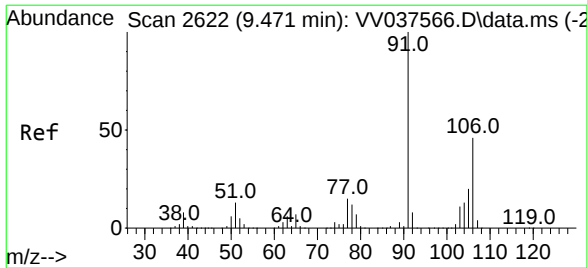


#52
Ethylbenzene
Concen: 6.464 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28



Tgt Ion: 91 Resp: 141471
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7





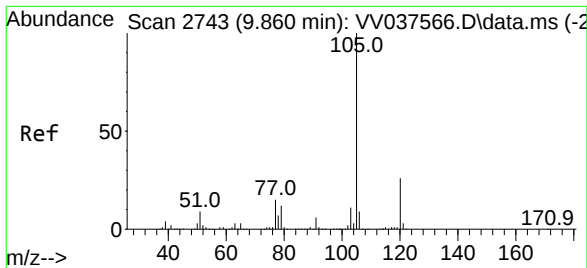
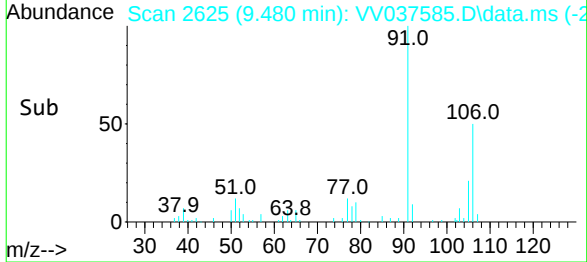
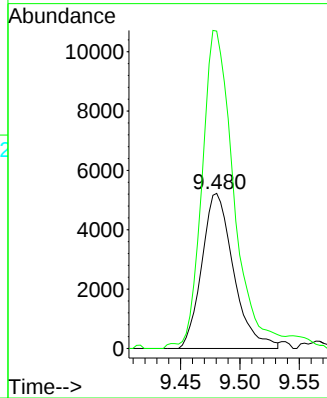
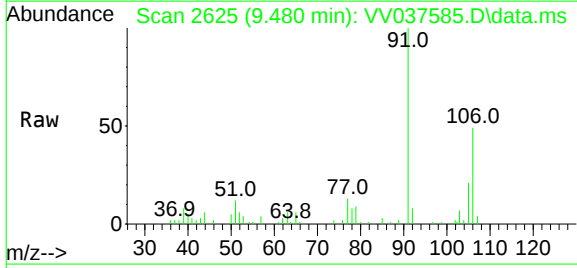
#54
o-Xylene
Concen: 1.222 ug/L
RT: 9.480 min Scan# 2622
Delta R.T. 0.009 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :
EY061

Tgt Ion:106 Resp: 9720
Ion Ratio Lower Upper
106 100
91 204.7 153.9 285.9

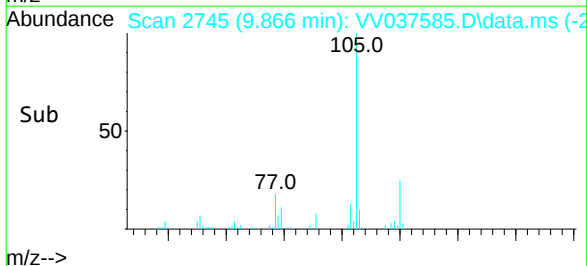
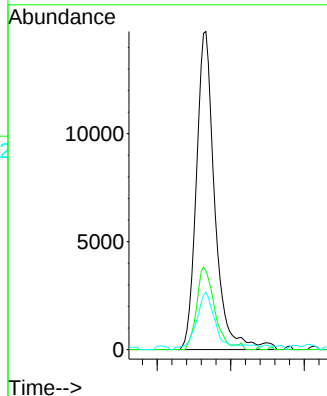
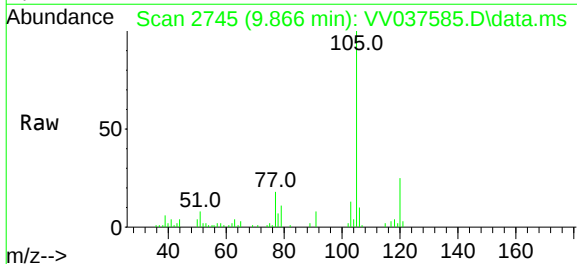
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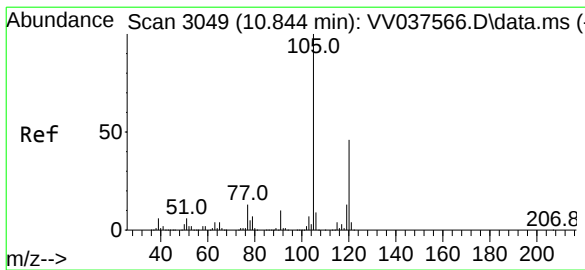
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#60
Isopropylbenzene
Concen: 1.263 ug/L m
RT: 9.866 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion:105 Resp: 25626
Ion Ratio Lower Upper
105 100
120 156.7 20.7 31.1#
77 66.3 12.2 18.2#





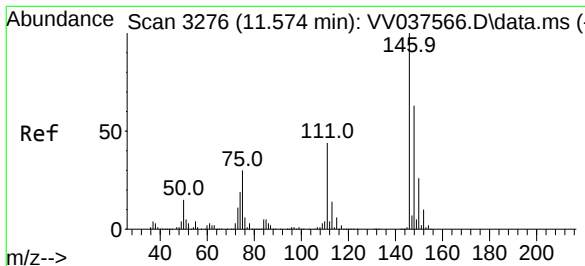
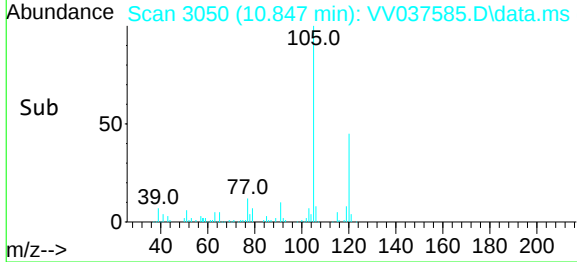
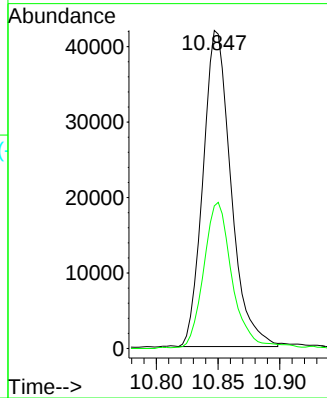
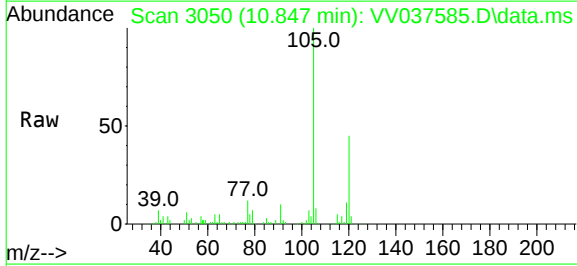
#63
1,2,4-Trimethylbenzene
Concen: 4.129 ug/L
RT: 10.847 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:105 Resp: 65908
Ion Ratio Lower Upper
105 100
120 47.6 36.2 54.2

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Supervised By :Mahesh Dadoda 09/30/2024



#67
1,2-Dichlorobenzene
Concen: 2.493 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. -0.000 min
Lab File: VV037585.D
Acq: 27 Sep 2024 05:28

Tgt Ion:146 Resp: 24070
Ion Ratio Lower Upper
146 100
111 44.9 34.2 51.2
148 64.4 50.9 76.3

