

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034937.D
 Acq On : 02 Apr 2024 17:33
 Operator : SY/MD
 Sample : P1925-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9S(20240327)

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 03 05:22:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	161812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.207	152	118459	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	73837	5.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.529	69	57665	5.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.053	65	30671	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	3.860	46	91411	43.810	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.620%
24) Chloroform-d	4.249	84	106967	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.944	65	53228	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	4.960	84	218183	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	68812	5.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.243	98	186751	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.561	79	20913	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.030	63	95886	58.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50990	5.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	80901	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
3) Chloromethane	1.207	50	4185	0.277	ug/L	99
5) Vinyl chloride	1.275	62	139381	8.628	ug/L	100
12) 1,1-Dichloroethene	2.066	96	4511	0.367	ug/L #	1
16) Methylene chloride	2.445	84	5633	0.418	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	2330	0.088	ug/L #	77
18) trans-1,2-Dichloroethene	2.693	96	39453	3.240	ug/L	95
19) 1,1-Dichloroethane	3.111	63	53012	2.207	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	81038	6.355	ug/L	99
33) Benzene	5.011	78	156995	2.909	ug/L	100
34) Trichloroethene	5.841	95	13472	0.958	ug/L	89
42) Toluene	7.320	91	92883	1.637	ug/L	100
51) Chlorobenzene	8.812	112	19437190m	530.349	ug/L	
52) Ethylbenzene	8.953	91	15927	0.260	ug/L	98
53) m,p-Xylene	9.075	106	15258	0.678	ug/L	99
54) o-Xylene	9.484	106	6283	0.285	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	22377009m	592.201	ug/L	
65) 1,4-Dichlorobenzene	11.214	146	29924730m	790.727	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	3240322	92.827	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	262073	11.891	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.683	180	40888	2.109	ug/L	100

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

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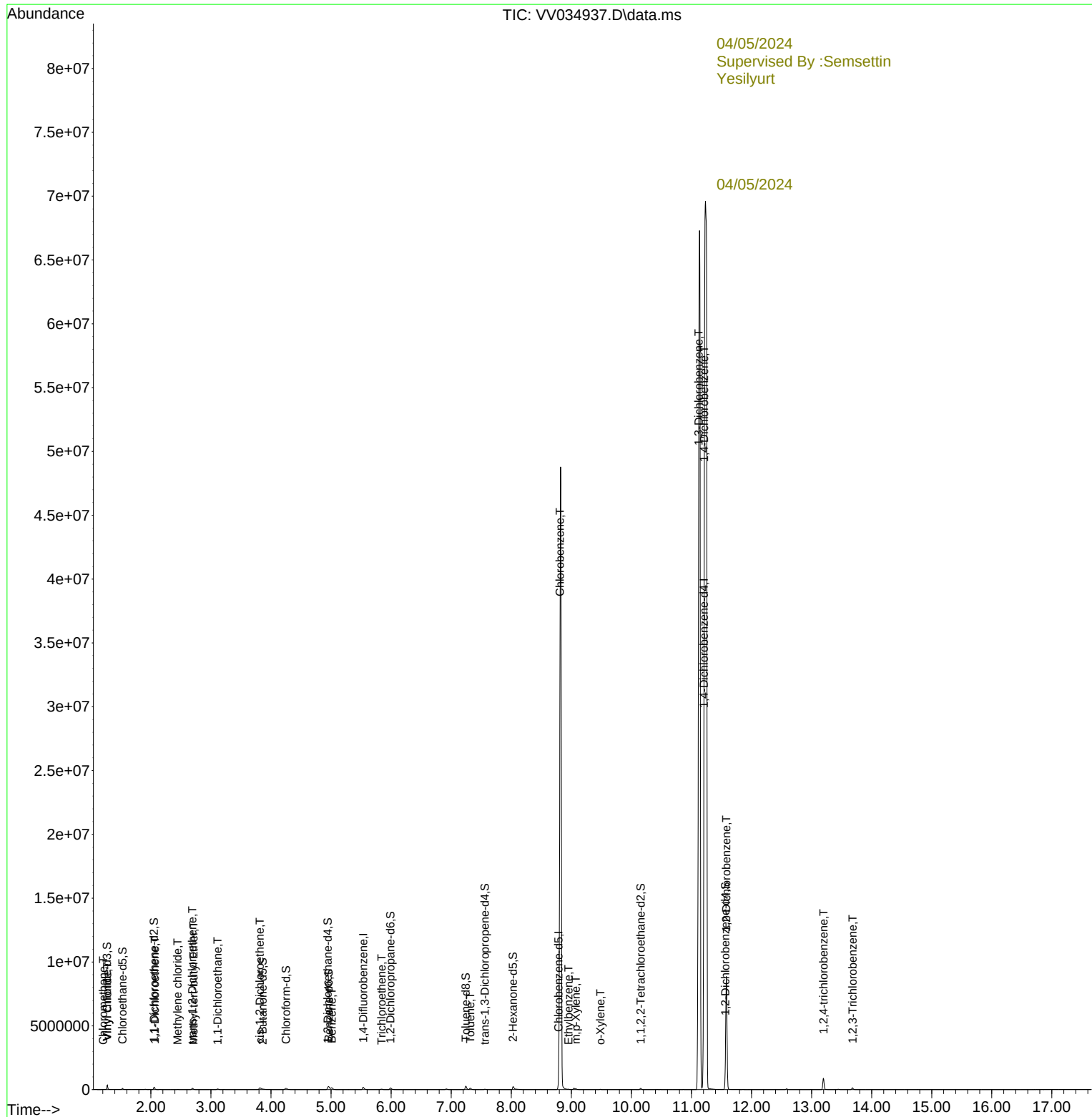
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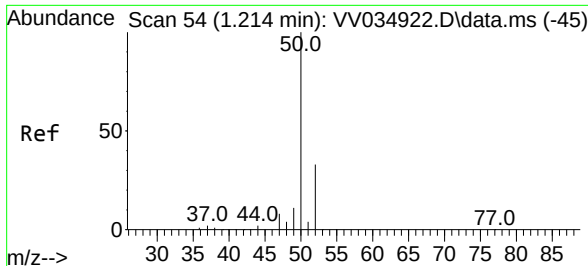
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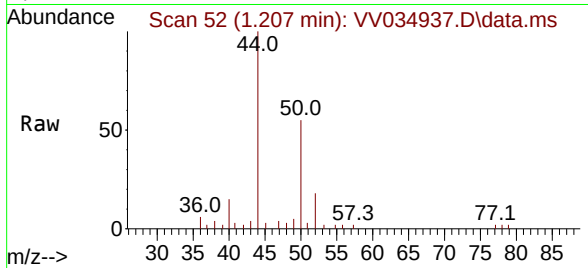
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#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.207 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV034937.D
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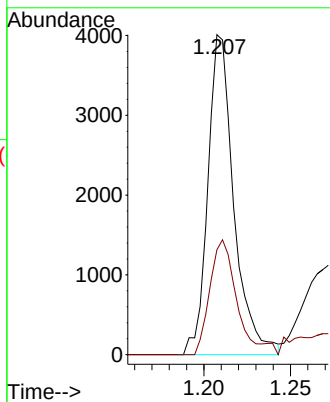
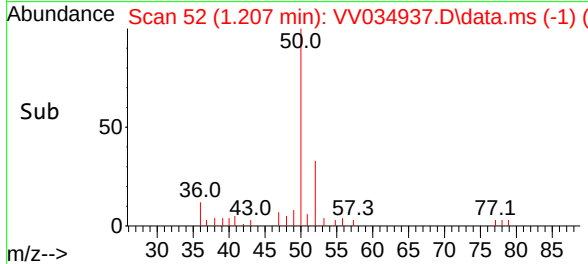
Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)



Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4

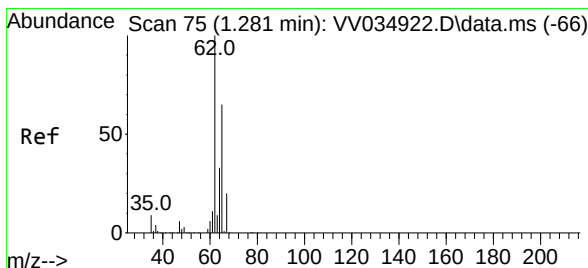
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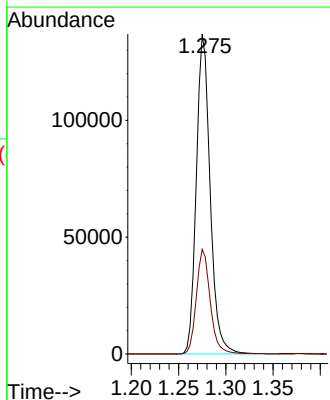
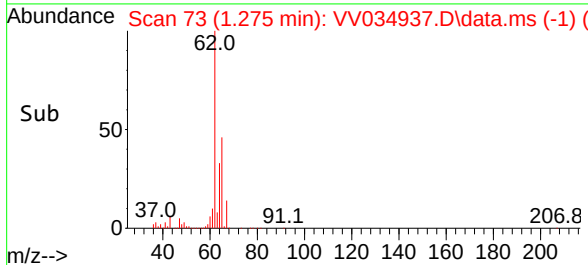
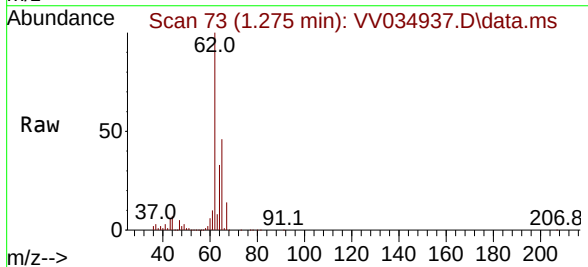
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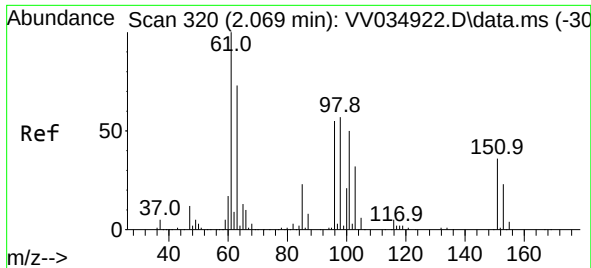
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#5
Vinyl chloride
Concen: 8.628 ug/L
RT: 1.275 min Scan# 73
Delta R.T. -0.006 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Tgt Ion: 62 Resp: 139381
Ion Ratio Lower Upper
62 100
64 32.6 22.9 42.5





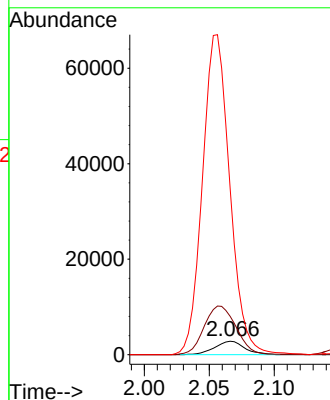
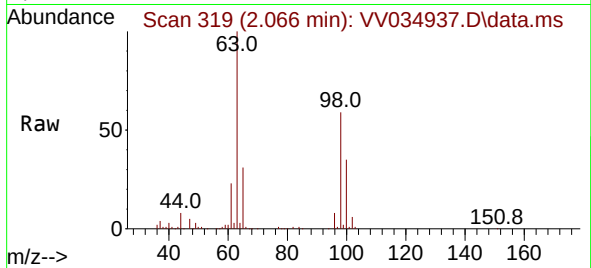
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1,1-Dichloroethene
Concen: 0.367 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 287.3 128.1 237.9
63 1246.3 93.5 173.7

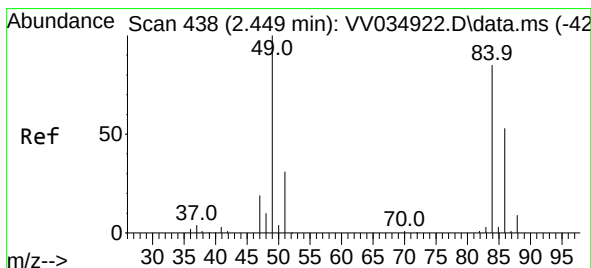
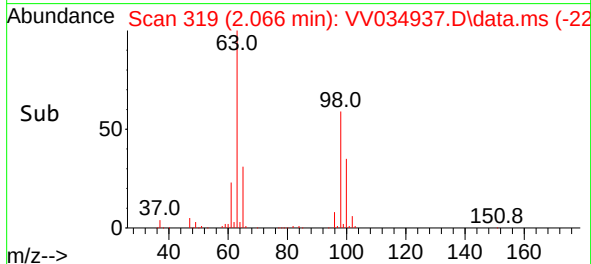
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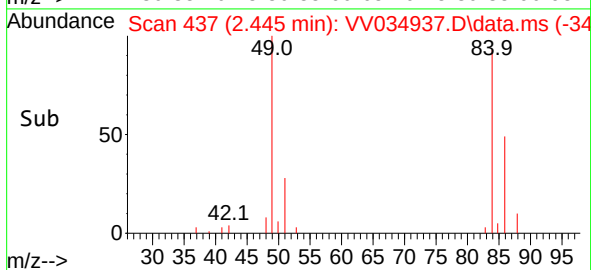
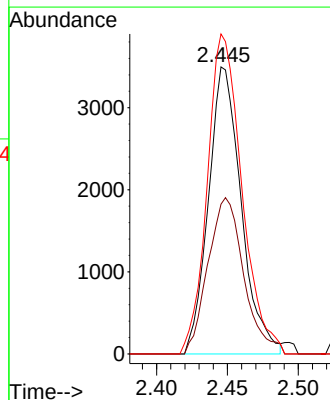
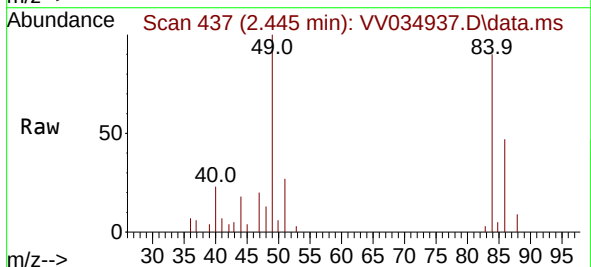
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Yesilyurt

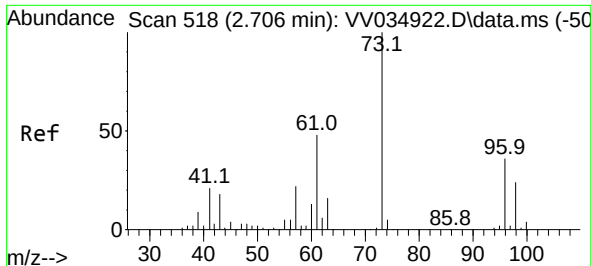
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#16
Methylene chloride
Concen: 0.418 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

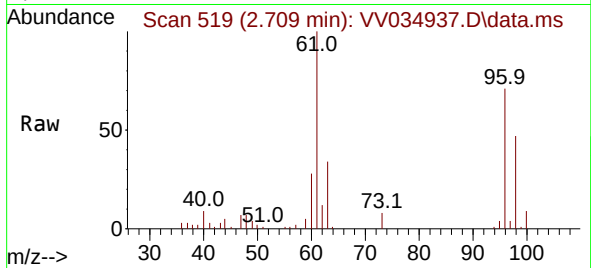
Tgt Ion: 84 Resp: 5633
Ion Ratio Lower Upper
84 100
86 52.2 43.5 80.9
49 111.5 82.5 153.3





#17
Methyl tert-butyl Ether
Concen: 0.088 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

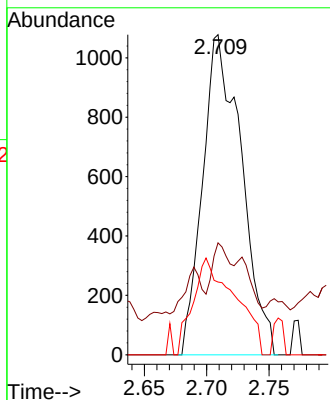
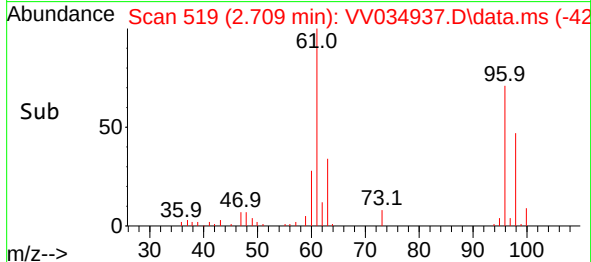
Instrument :
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PMW-9S(20240327)



Tgt Ion: 73 Resp: 2330
Ion Ratio Lower Upper
73 100
43 6.9 14.8 22.2
57 32.8 18.1 27.1

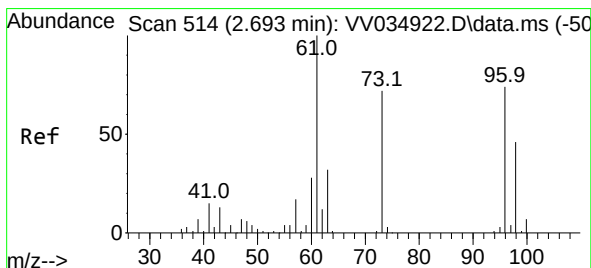
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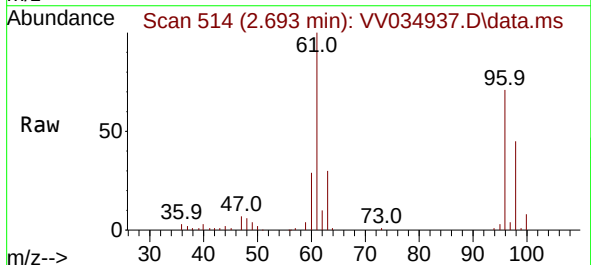


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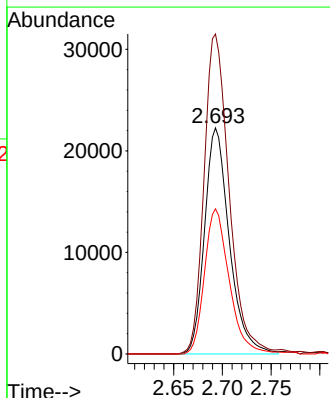
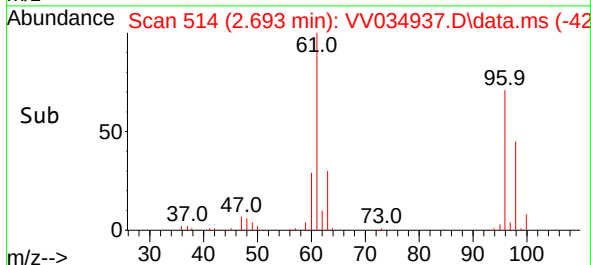
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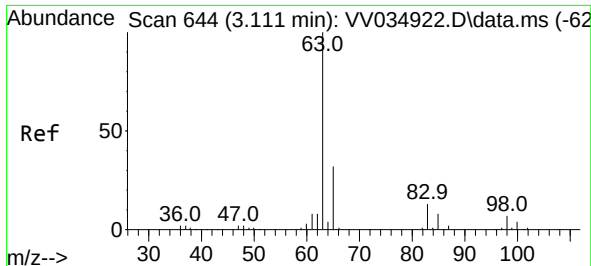


#18
trans-1,2-Dichloroethene
Concen: 3.240 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33



Tgt Ion: 96 Resp: 39453
Ion Ratio Lower Upper
96 100
61 141.5 94.5 175.5
98 64.2 43.5 80.9





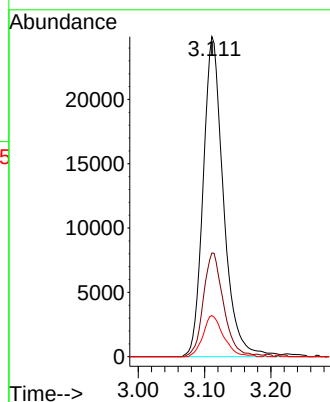
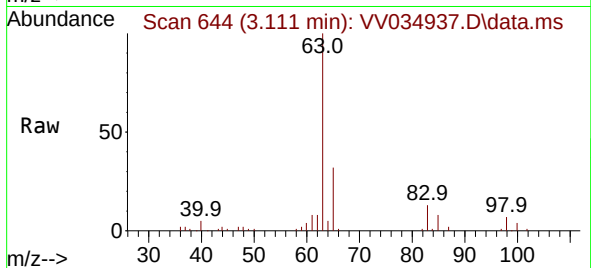
#19
1,1-Dichloroethane
Concen: 2.207 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)

Tgt Ion: 63	Resp: 5301
Ion Ratio	Lower Upper
63 100	
65 32.4	22.5 41.9
83 12.9	9.1 16.9

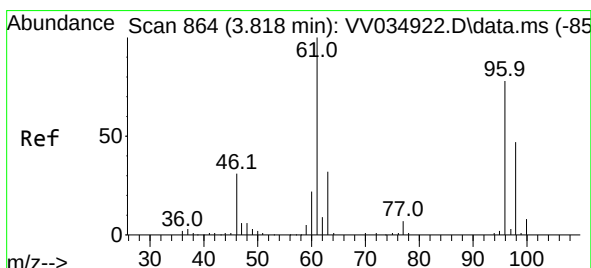
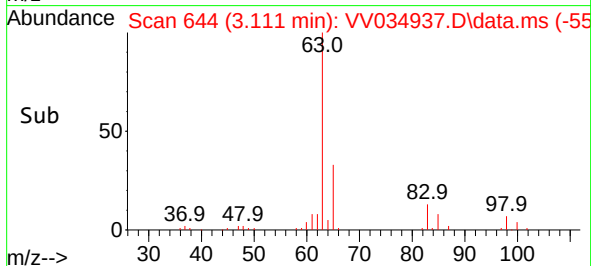
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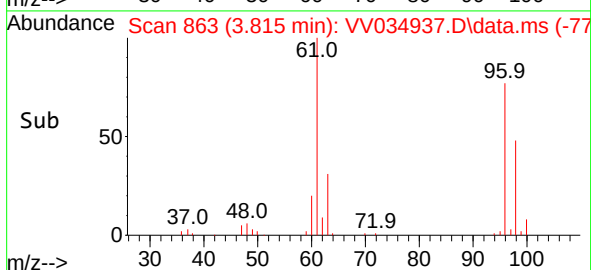
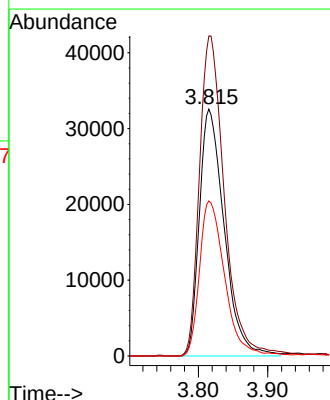
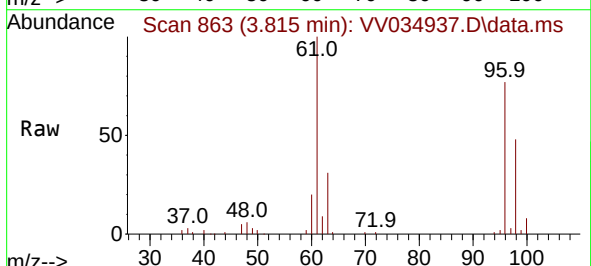
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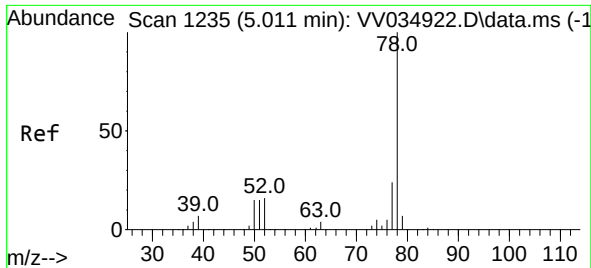
04/05/2024



#22
cis-1,2-Dichloroethene
Concen: 6.355 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV034937.D
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Tgt Ion: 96	Resp: 81038
Ion Ratio	Lower Upper
96 100	
61 129.6	90.3 167.7
98 62.8	42.7 79.3





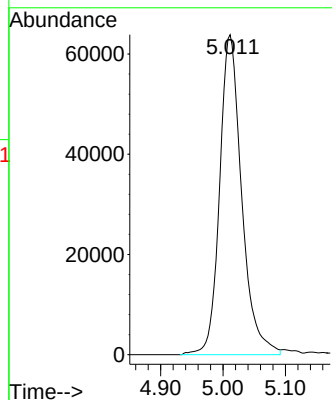
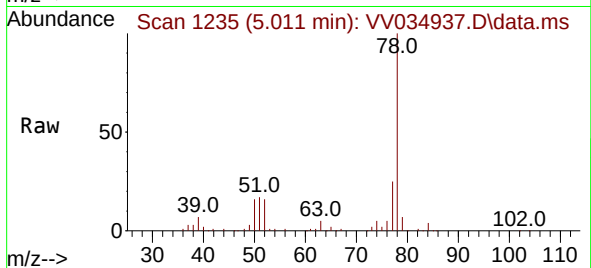
#33
Benzene
Concen: 2.909 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034937.D
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Tgt Ion: 78 Resp: 15699

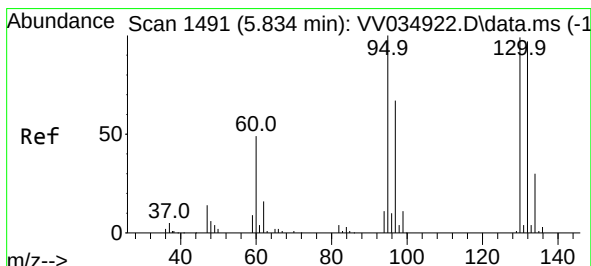
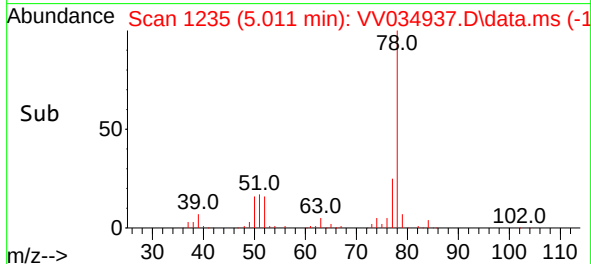
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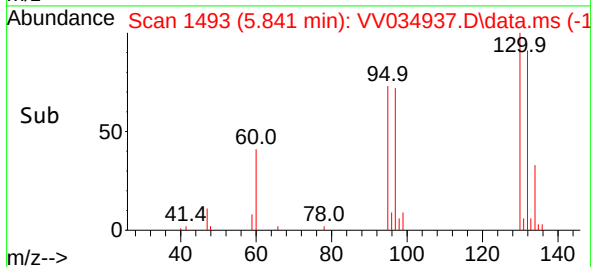
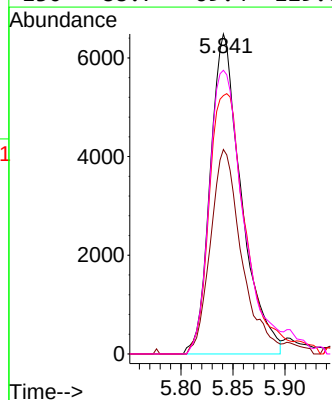
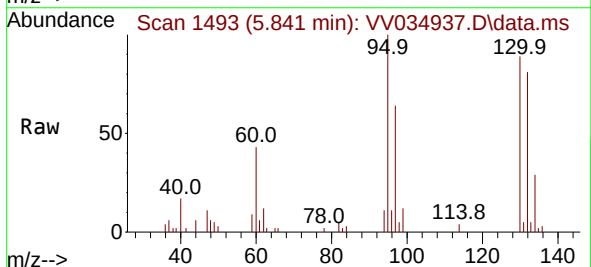
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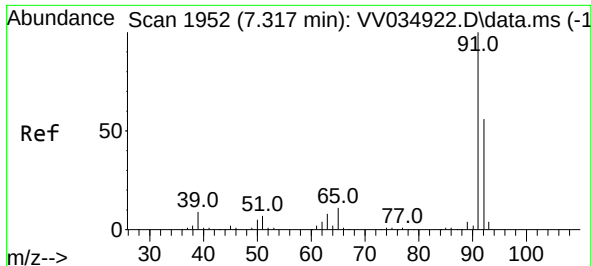
04/05/2024



#34
Trichloroethene
Concen: 0.958 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Tgt Ion: 95 Resp: 13472
Ion Ratio Lower Upper
95 100
97 63.9 46.8 86.8
132 80.7 68.0 126.4
130 88.7 69.4 129.0





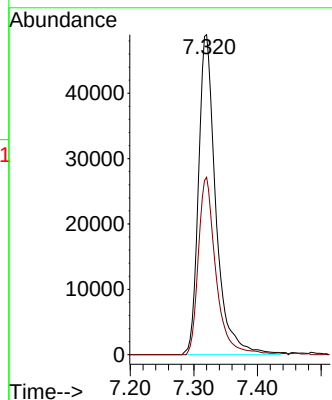
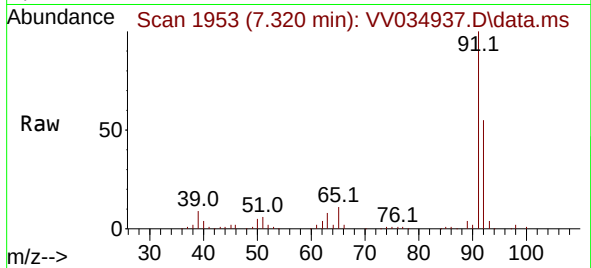
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Toluene
Concen: 1.637 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Instrument :
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Tgt Ion: 91 Resp: 9288
Ion Ratio Lower Upper
91 100
92 55.5 38.9 72.2

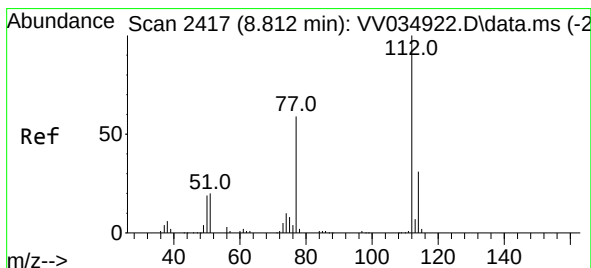
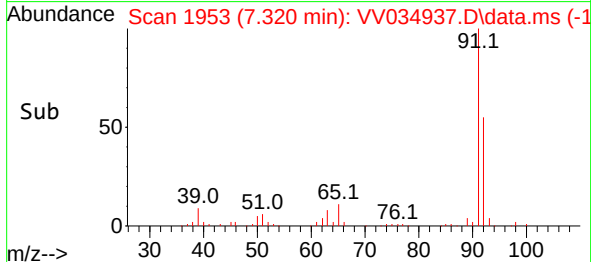
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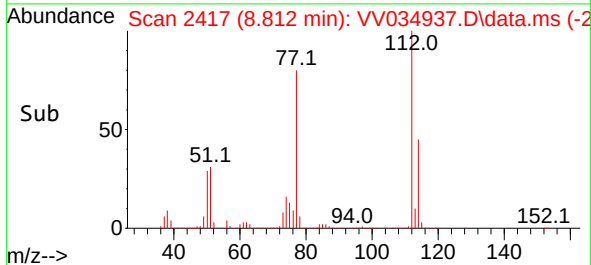
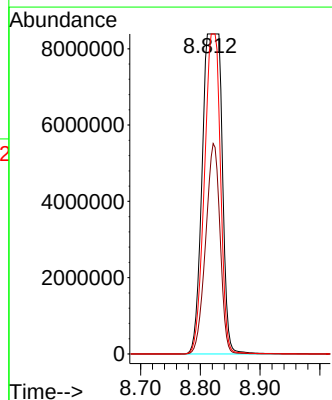
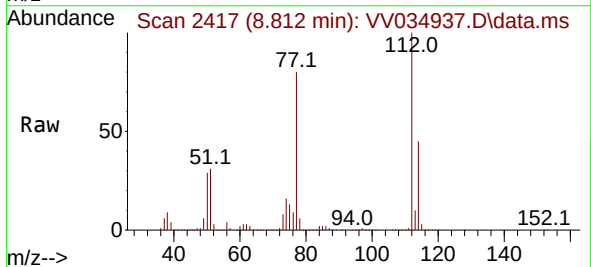
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Yesilyurt

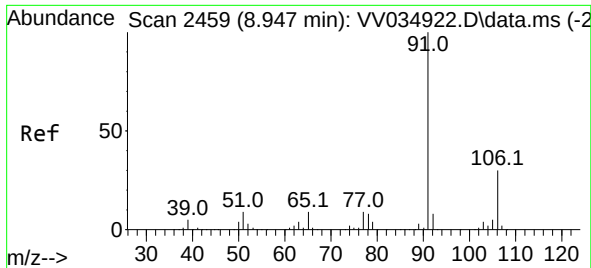
04/05/2024



#51
Chlorobenzene
Concen: 530.349 ug/L m
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Tgt Ion:112 Resp:19437190
Ion Ratio Lower Upper
112 100
114 44.5 21.9 40.7#
77 80.1 47.4 71.2#





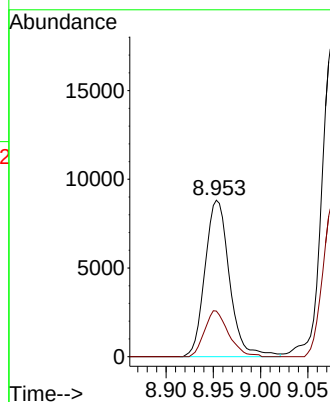
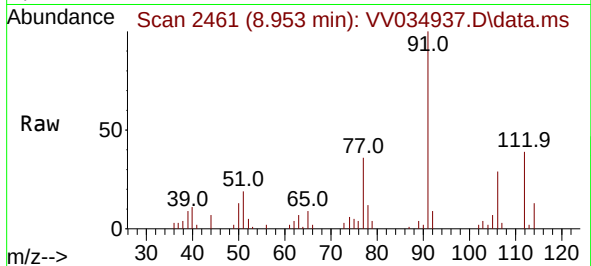
#52
Ethylbenzene
Concen: 0.260 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)

Tgt Ion: 91 Resp: 1592
Ion Ratio Lower Upper
91 100
106 29.2 21.2 39.4

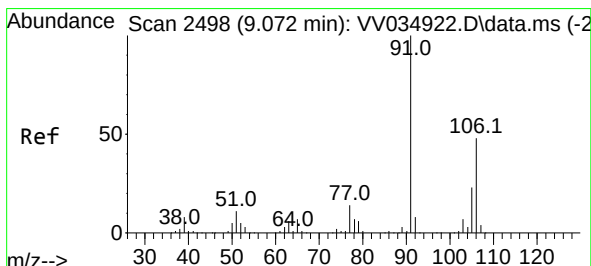
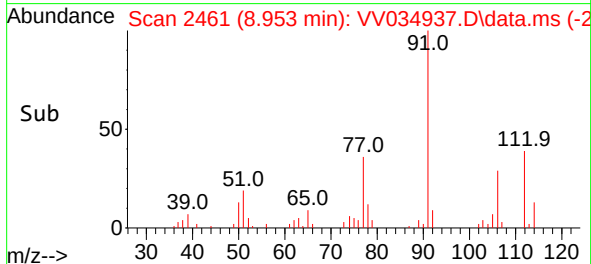
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Reviewed By :Mahesh
Dadoda



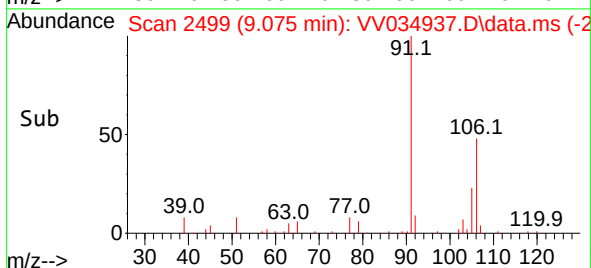
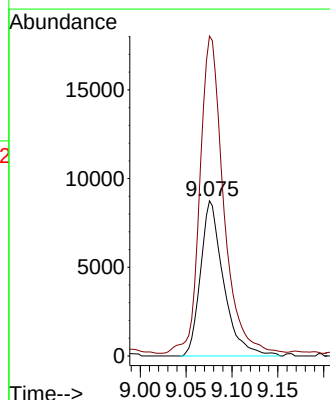
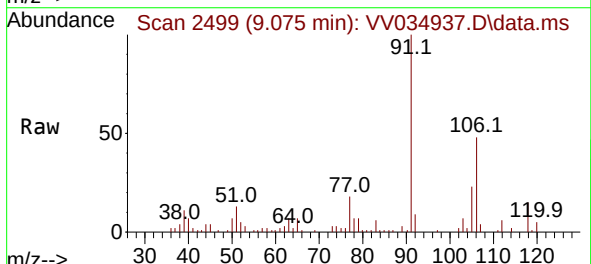
04/05/2024
Supervised By :Semsettin
Yesilyurt

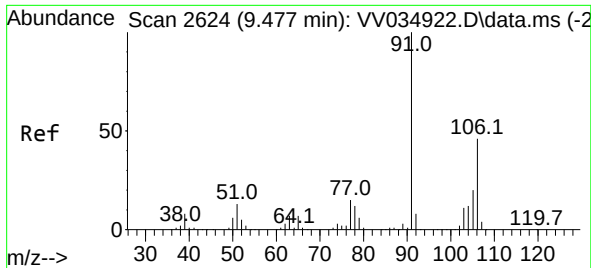
04/05/2024



#53
m,p-Xylene
Concen: 0.678 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Tgt Ion:106 Resp: 15258
Ion Ratio Lower Upper
106 100
91 206.2 145.7 270.7





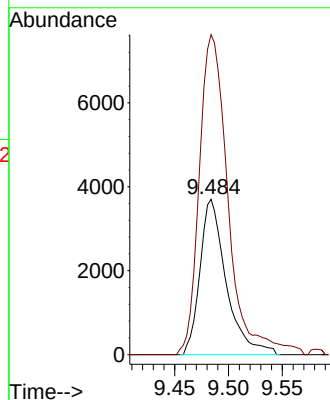
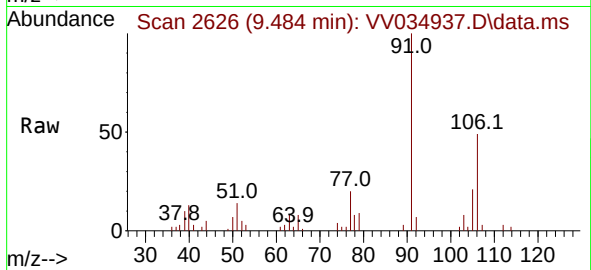
#54
o-Xylene
Concen: 0.285 ug/L
RT: 9.484 min Scan# 206
Delta R.T. 0.006 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)

Tgt Ion:106 Resp: 628
Ion Ratio Lower Upper
106 100
91 205.9 151.2 280.8

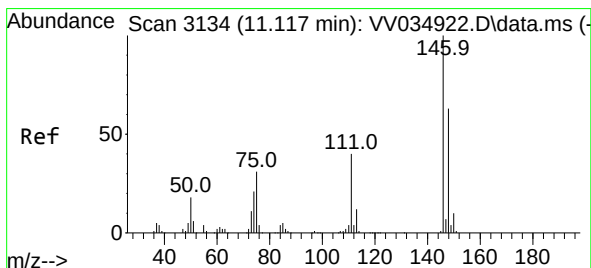
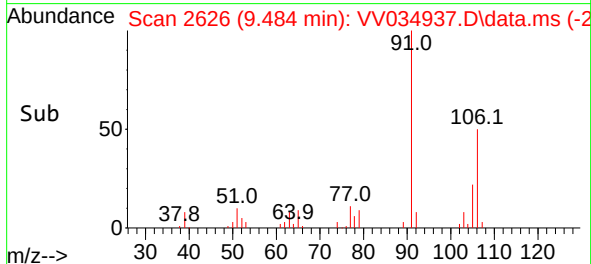
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Reviewed By :Mahesh
Dadoda



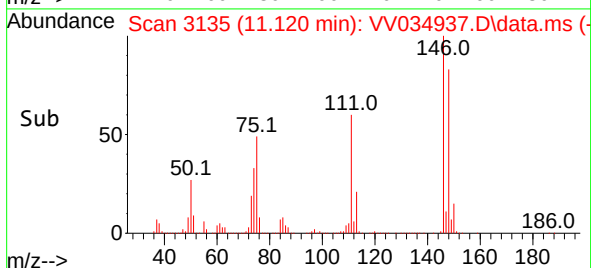
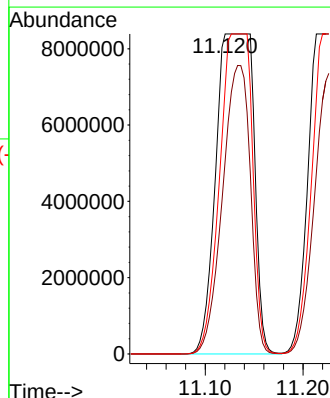
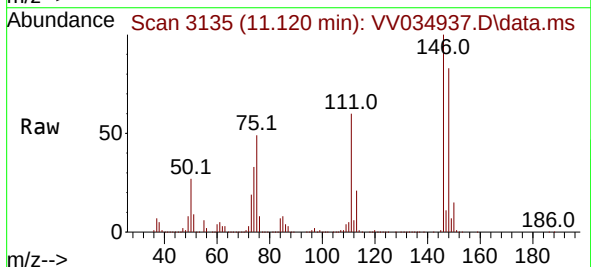
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Supervised By :Semsettin
Yesilyurt

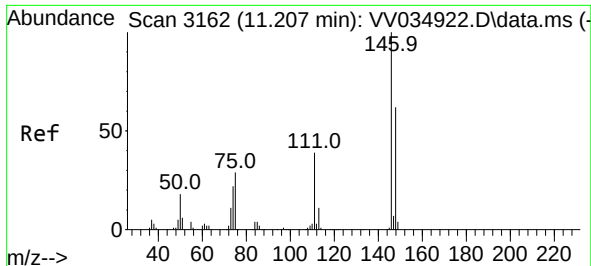
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#64
1,3-Dichlorobenzene
Concen: 592.201 ug/L m
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

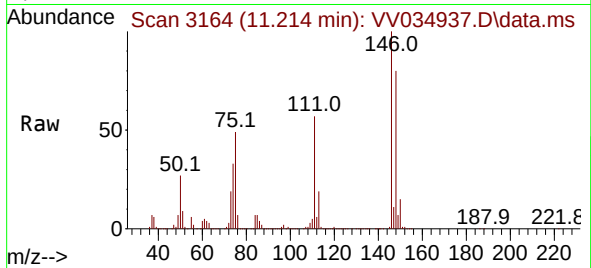
Tgt Ion:146 Resp:22377009
Ion Ratio Lower Upper
146 100
111 60.4 27.7 51.5#
148 83.2 44.0 81.8#





#65
1,4-Dichlorobenzene
Concen: 790.727 ug/L m
RT: 11.214 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

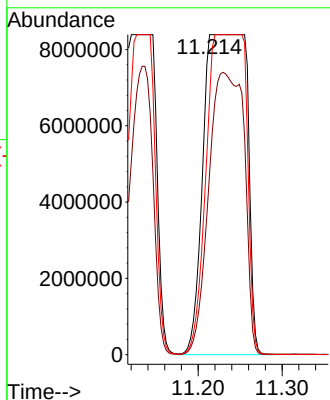
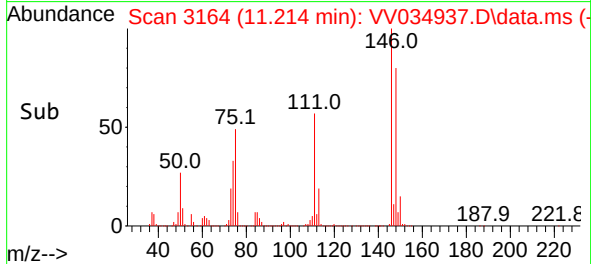
Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)



Tgt Ion:146 Resp:29924730
Ion Ratio Lower Upper
146 100
111 56.6 27.3 50.7
148 79.7 43.5 80.7

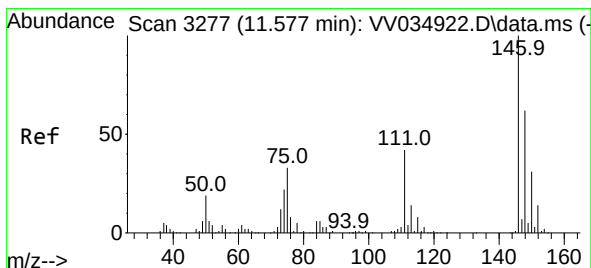
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Dadoda



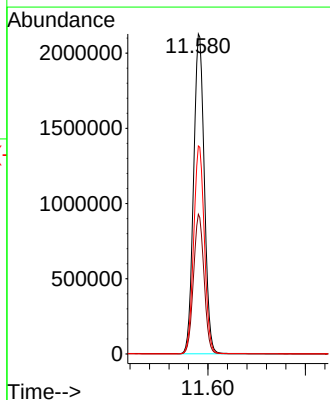
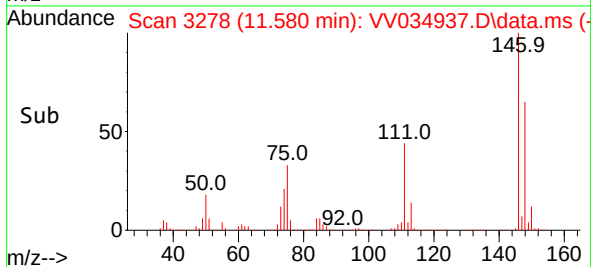
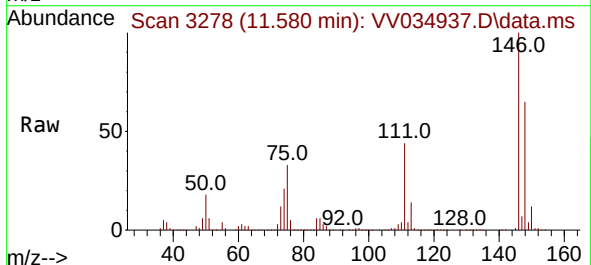
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Supervised By :Semsettin
Yesilyurt

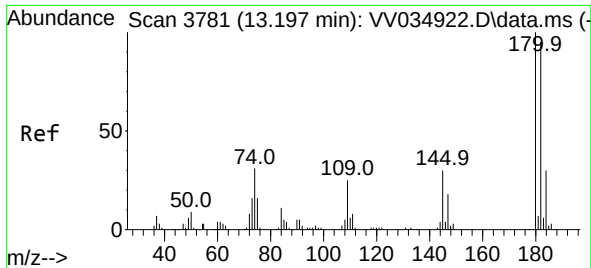
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#67
1,2-Dichlorobenzene
Concen: 92.827 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

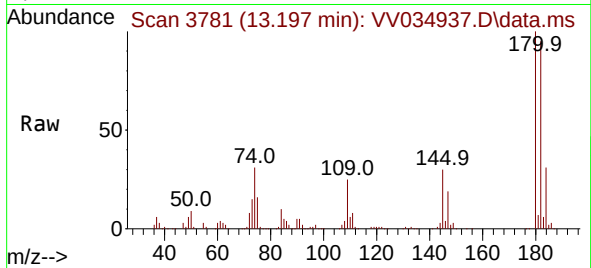
Tgt Ion:146 Resp: 3240322
Ion Ratio Lower Upper
146 100
111 43.6 33.9 50.9
148 65.0 49.3 73.9





#70
1,2,4-trichlorobenzene
Concen: 11.891 ug/L
RT: 13.197 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33

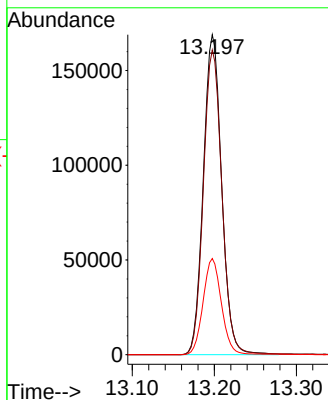
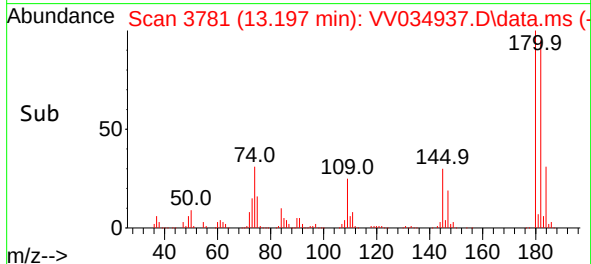
Instrument :
MSVOA_V
ClientSampleId :
PMW-9S(20240327)



Tgt Ion:180 Resp: 26207
Ion Ratio Lower Upper
180 100
182 96.3 75.3 112.9
145 30.1 23.4 35.0

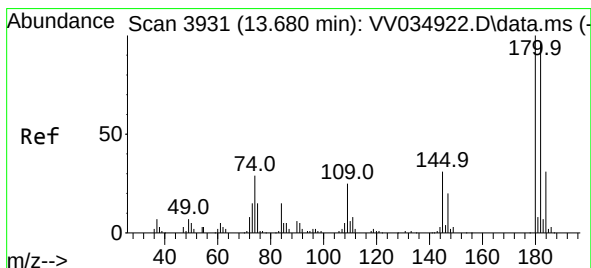
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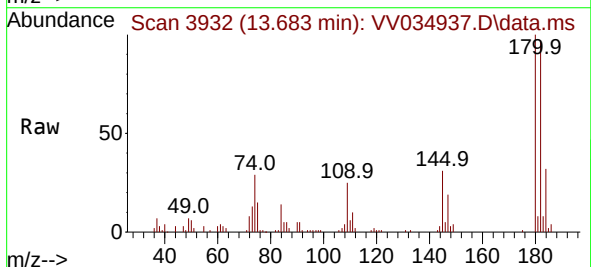


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Yesilyurt

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#72
1,2,3-Trichlorobenzene
Concen: 2.109 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034937.D
Acq: 02 Apr 2024 17:33



Tgt Ion:180 Resp: 40888
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.4
145 31.7 25.4 38.2

