

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062616.D
 Acq On : 27 Dec 2024 14:37
 Operator : MD/SY
 Sample : MDL03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024

Quant Time: Dec 27 21:59:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	108916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25031	3.407	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	68.200%		
7) Chloroethane-d5	1.904	69	21420	4.099	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	82.000%		
11) 1,1-Dichloroethene-d2	2.557	65	13414	3.838	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.800%		
20) 2-Butanone-d5	4.618	46	63305	44.963	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	89.920%		
24) Chloroform-d	5.049	84	67253	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.600%		
26) 1,2-Dichloroethane-d4	5.692	65	38413	4.913	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.200%		
32) Benzene-d6	5.714	84	118445	4.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.600%		
36) 1,2-Dichloropropane-d6	6.679	67	34216	4.066	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	81.400%		
41) Toluene-d8	7.888	98	116166	4.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.600%		
43) trans-1,3-Dichloroprop...	8.174	79	16759	4.525	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.400%		
46) 2-Hexanone-d5	8.624	63	57376	51.344	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	102.680%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28826	4.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.000%		
66) 1,2-Dichlorobenzene-d4	12.183	152	44520	4.772	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2631	0.258	ug/L	93
3) Chloromethane	1.515	50	2109	0.264	ug/L	94
5) Vinyl chloride	1.599	62	2020	0.243	ug/L #	74
6) Bromomethane	1.849	94	1758	0.317	ug/L	72
8) Chloroethane	1.923	64	1317	0.282	ug/L	83
9) Trichlorofluoromethane	2.132	101	4414	0.305	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	2473	0.314	ug/L	92
12) 1,1-Dichloroethene	2.570	96	2451	0.333	ug/L #	1
14) Carbon disulfide	2.785	76	5271	0.227	ug/L	97
15) Methyl Acetate	2.956	43	654m	0.272	ug/L	
16) Methylene chloride	3.036	84	2409	0.312	ug/L	80
17) Methyl tert-butyl Ether	3.351	73	5857	0.320	ug/L #	92
18) trans-1,2-Dichloroethene	3.348	96	2000	0.265	ug/L	94
19) 1,1-Dichloroethane	3.862	63	3836	0.277	ug/L	97
21) 2-Butanone	4.730	43	4598m	3.303	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	2332	0.275	ug/L	97
23) Bromochloromethane	4.975	128	1111	0.299	ug/L #	68
25) Chloroform	5.078	83	5125	0.329	ug/L	89
27) 1,2-Dichloroethane	5.785	62	2967m	0.299	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.306	97	4495	0.313	ug/L	93
30) Cyclohexane	5.370	56	2753	0.236	ug/L	92
31) Carbon tetrachloride	5.515	117	3707	0.281	ug/L	94
33) Benzene	5.766	78	9106	0.288	ug/L	100
34) Trichloroethene	6.541	95	4357	0.486	ug/L	93
35) Methylcyclohexane	6.750	83	3048	0.229	ug/L	95
37) 1,2-Dichloropropane	6.785	63	2167	0.281	ug/L #	87
38) Bromodichloromethane	7.097	83	3387	0.312	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	3608	0.292	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	10568	2.926	ug/L #	89
42) Toluene	7.965	91	9550	0.280	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	3105	0.308	ug/L	84
45) 1,1,2-Trichloroethane	8.393	97	1793	0.308	ug/L	94
49) Dibromochloromethane	8.801	129	2089	0.297	ug/L	93
50) 1,2-Dibromoethane	8.917	107	1744	0.312	ug/L #	96
51) Chlorobenzene	9.438	112	5979	0.273	ug/L	96
52) Ethylbenzene	9.563	91	10376	0.271	ug/L	98
53) m,p-Xylene	9.688	106	3820	0.270	ug/L	95
54) o-Xylene	10.094	106	3879	0.282	ug/L	88
55) Styrene	10.116	104	5864	0.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	1964	0.290	ug/L #	92
59) Bromoform	10.283	173	1244	0.313	ug/L #	89
60) Isopropylbenzene	10.476	105	10114	0.277	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	1511	0.323	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	8827	0.285	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	7936	0.262	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	4992	0.297	ug/L	90
65) 1,4-Dichlorobenzene	11.830	146	5067	0.299	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	4722	0.304	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	222	0.217	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	3647	0.292	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	2977	0.302	ug/L	90
71) Naphthalene	14.100	128	4425m	0.299	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	2512	0.289	ug/L	96

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

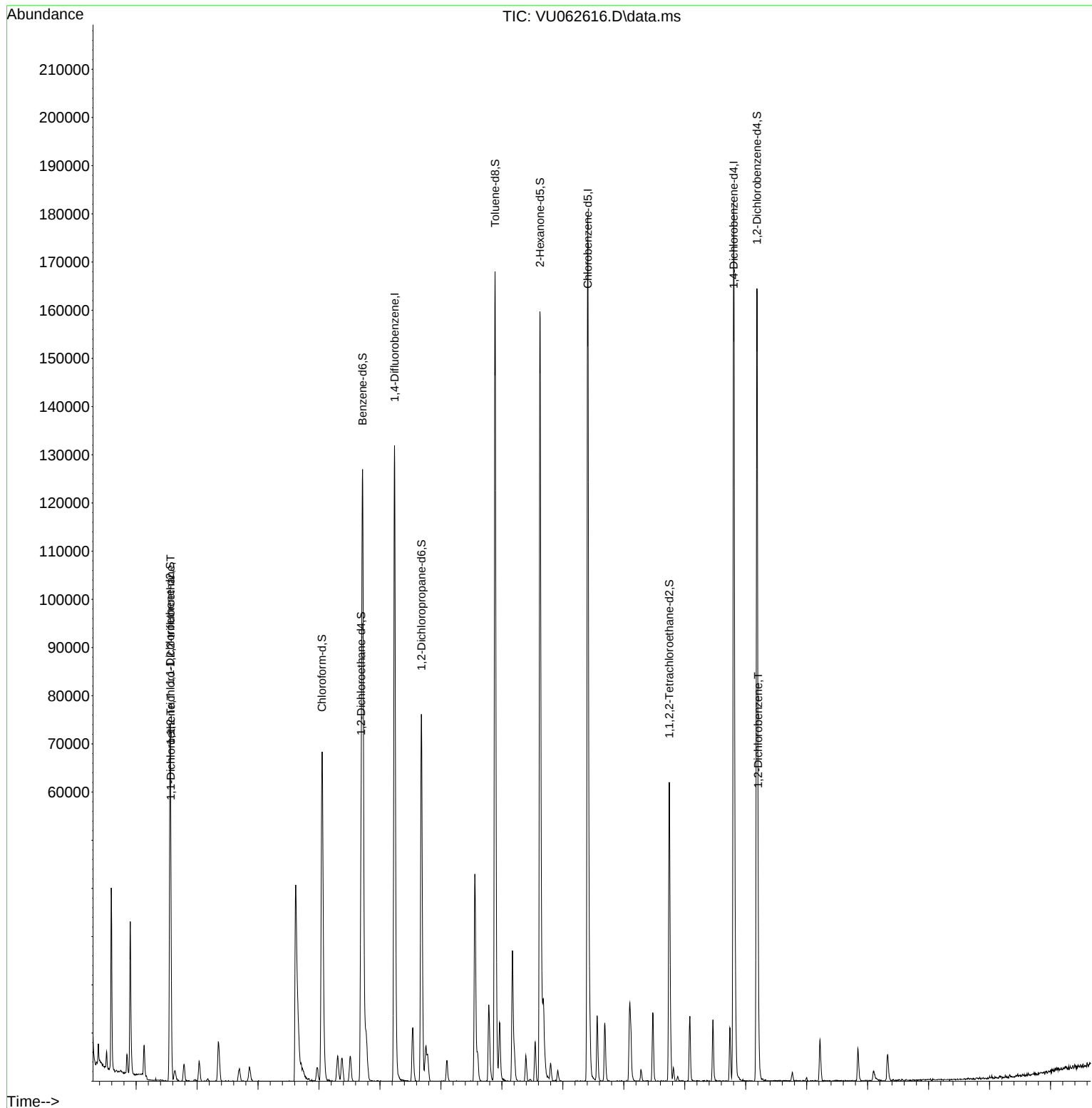
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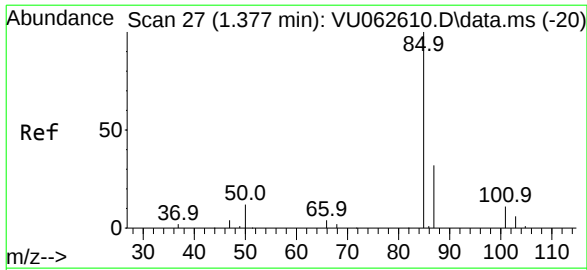
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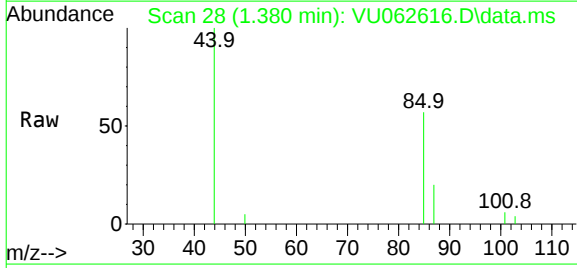
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024





#2
Dichlorodifluoromethane
Concen: 0.258 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

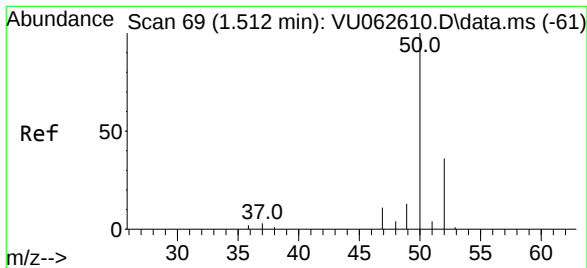
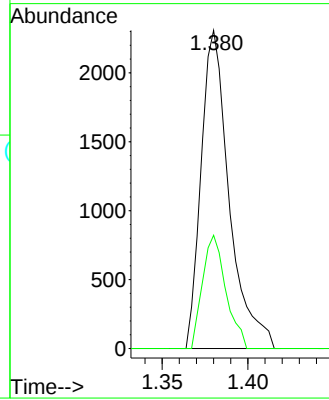
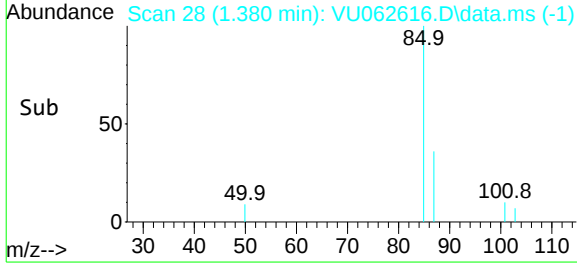
Instrument :
MSVOA_U
ClientSampleId :
MDL03



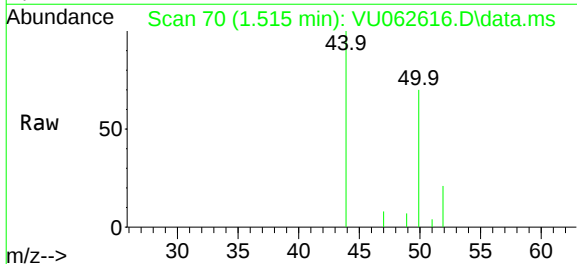
Tgt Ion: 85 Resp: 2631
Ion Ratio Lower Upper
85 100
87 29.6 26.6 40.0

Manual Integrations
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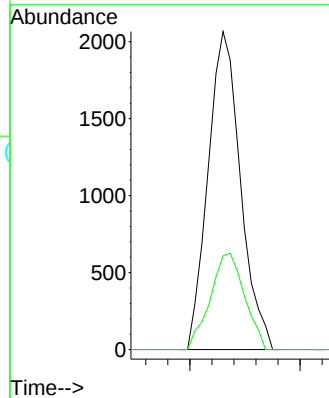
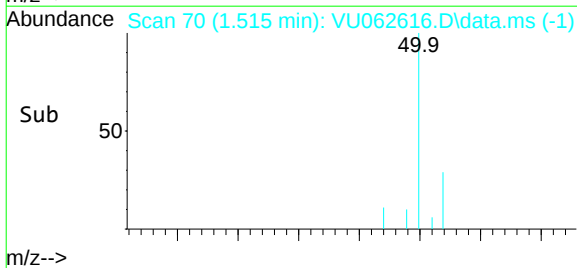
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

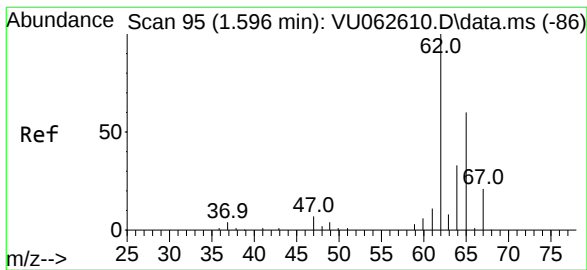


#3
Chloromethane
Concen: 0.264 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



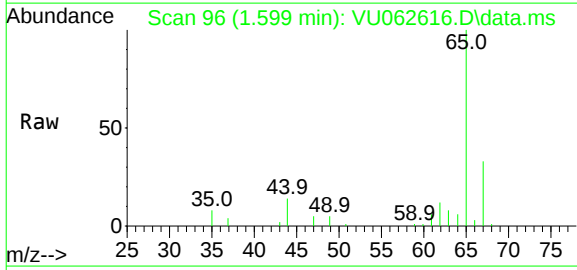
Tgt Ion: 50 Resp: 2109
Ion Ratio Lower Upper
50 100
52 29.5 23.1 42.9





#5
Vinyl chloride
Concen: 0.243 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

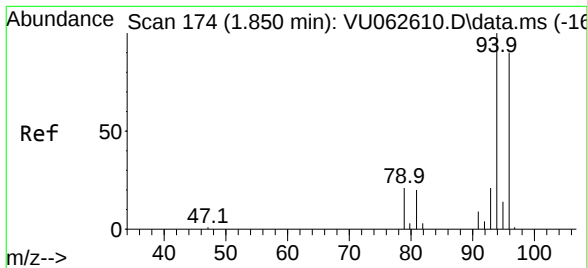
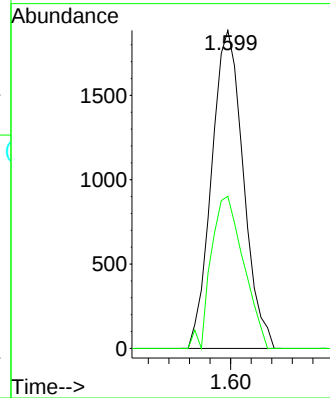
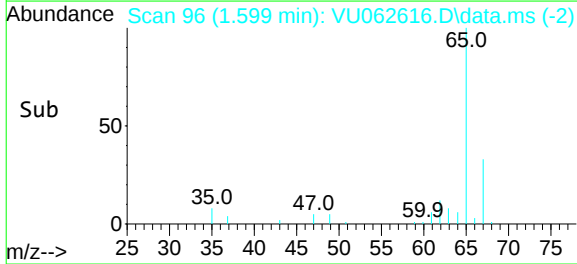
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 62 Resp: 2020
Ion Ratio Lower Upper
62 100
64 47.9 23.1 42.9

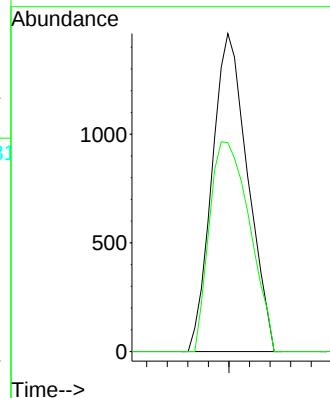
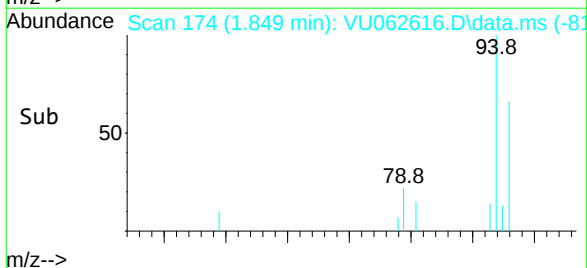
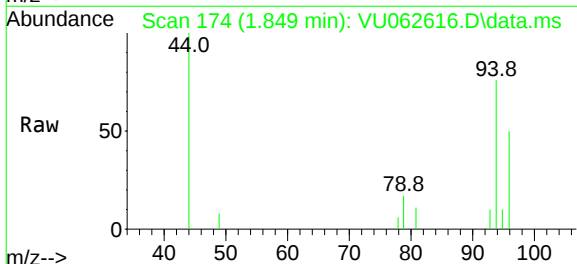
Manual Integrations
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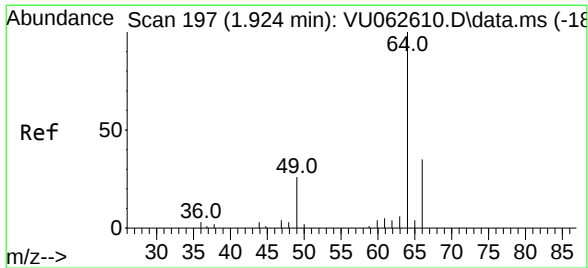
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#6
Bromomethane
Concen: 0.317 ug/L
RT: 1.849 min Scan# 174
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

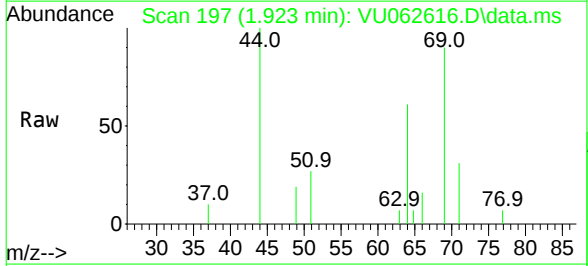
Tgt Ion: 94 Resp: 1758
Ion Ratio Lower Upper
94 100
96 65.7 64.5 119.9





#8
Chloroethane
Concen: 0.282 ug/L
RT: 1.923 min Scan# 19
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

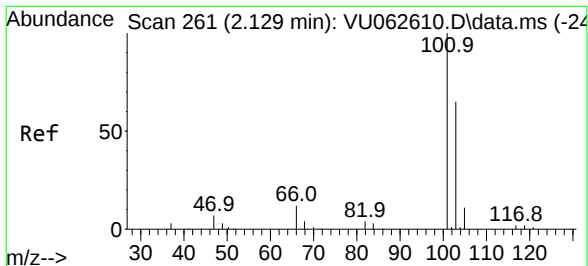
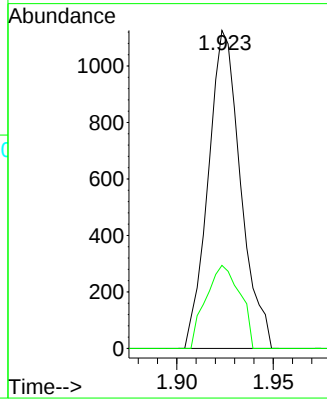
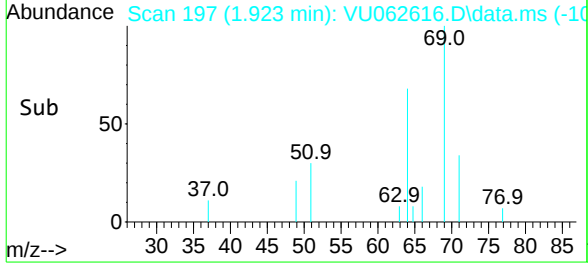
Instrument :
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ClientSampleId :
MDL03



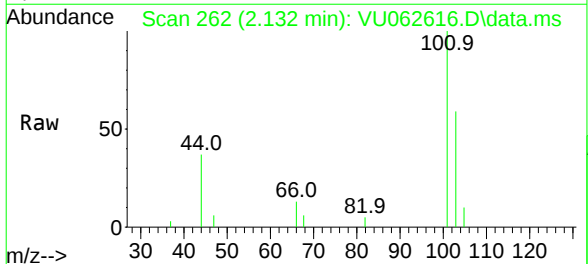
Tgt Ion: 64 Resp: 1317
Ion Ratio Lower Upper
64 100
66 23.4 23.2 43.2

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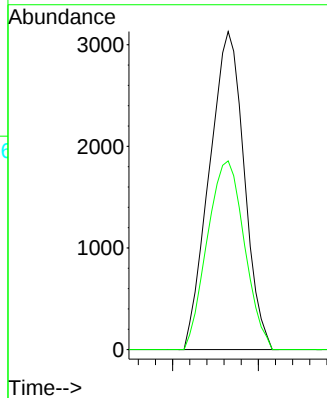
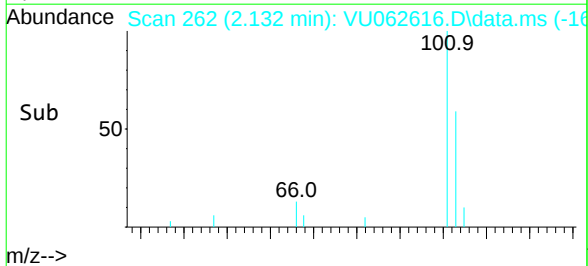
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Supervised By :Semsettin Yesilyurt 12/30/2024

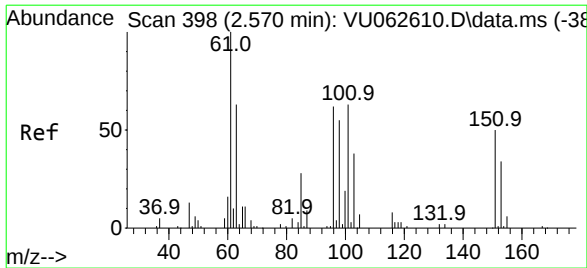


#9
Trichlorofluoromethane
Concen: 0.305 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



Tgt Ion:101 Resp: 4414
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8





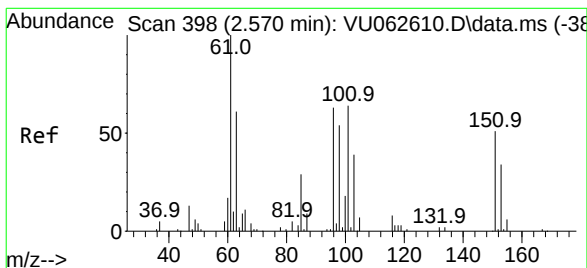
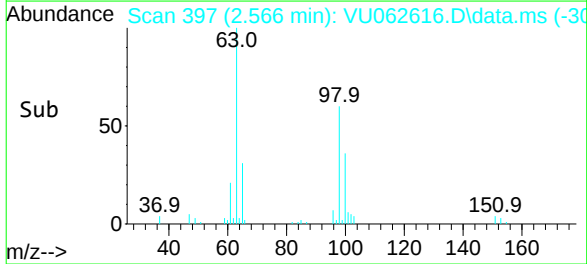
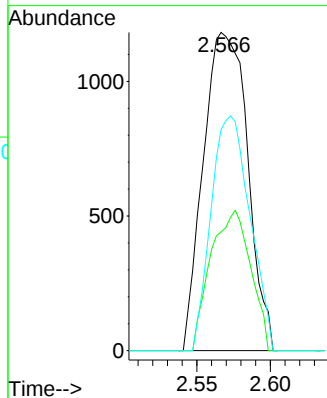
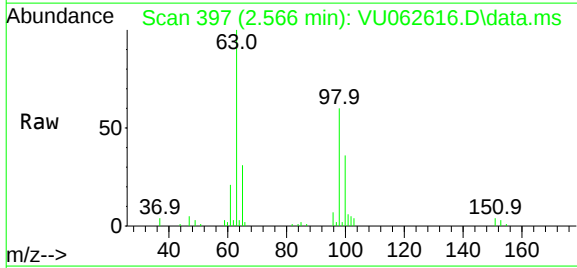
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.314 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.004 min
Lab File: VU062616.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	39.8	38.0	57.0
151	64.9	55.3	82.9

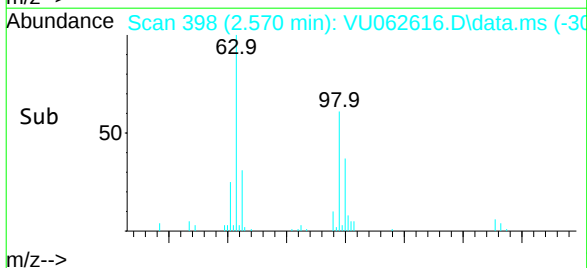
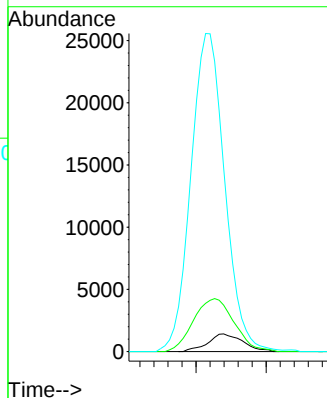
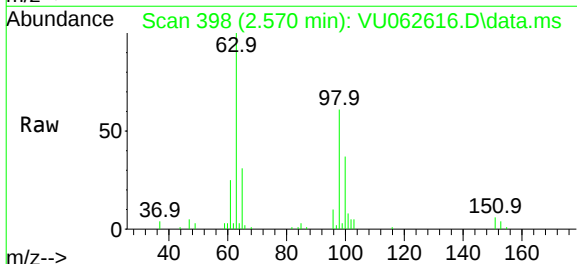
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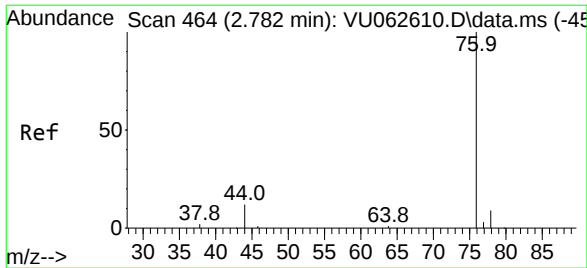
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#12
1,1-Dichloroethene
Concen: 0.333 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	262.6	119.6	222.2#
63	1038.6	65.0	120.6#





#14

Carbon disulfide

Concen: 0.227 ug/L

RT: 2.785 min Scan# 46

Delta R.T. 0.003 min

Lab File: VU062616.D

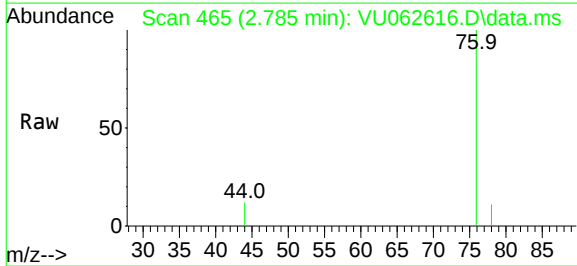
Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL03



Tgt Ion: 76 Resp: 5271

Ion Ratio Lower Upper

76 100

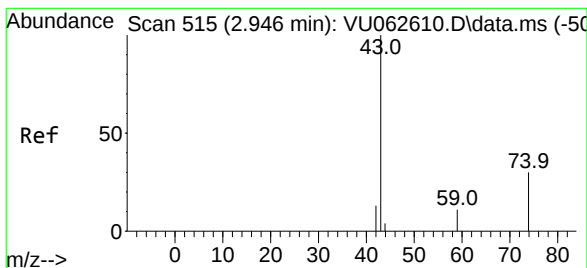
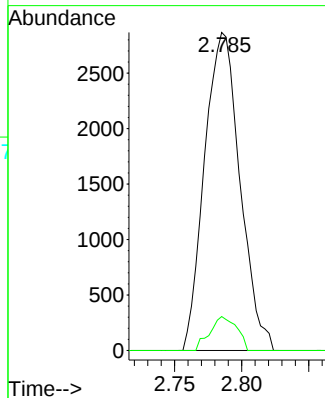
78 10.7 7.5 11.3

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#15

Methyl Acetate

Concen: 0.272 ug/L m

RT: 2.956 min Scan# 518

Delta R.T. 0.009 min

Lab File: VU062616.D

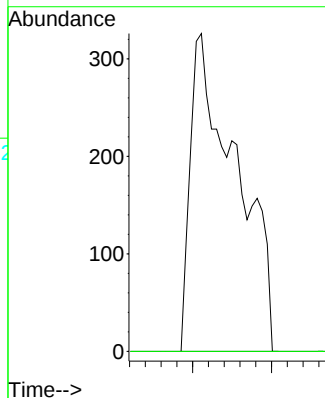
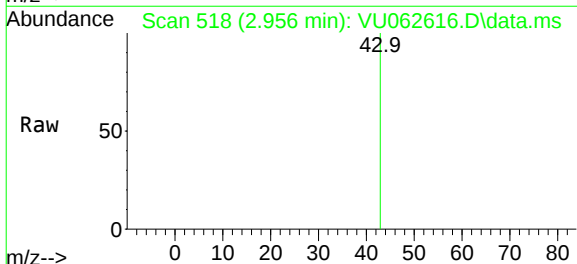
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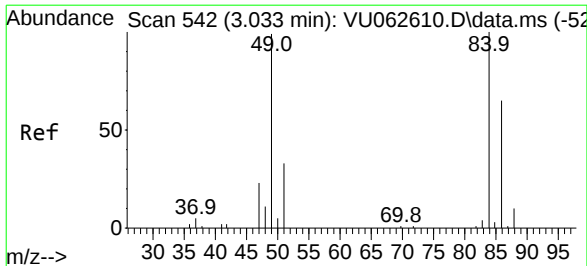
Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#





#16

Methylene chloride

Concen: 0.312 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU062616.D

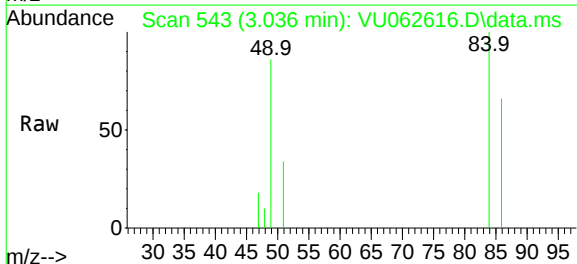
Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

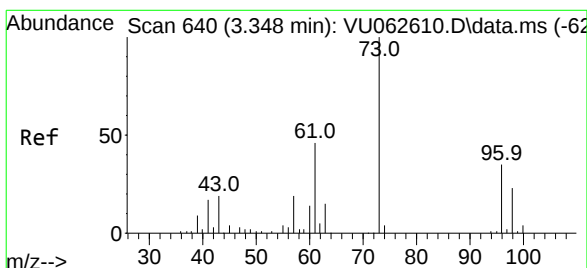
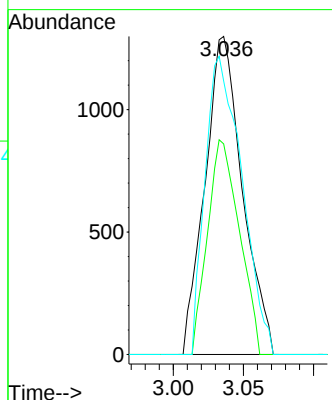
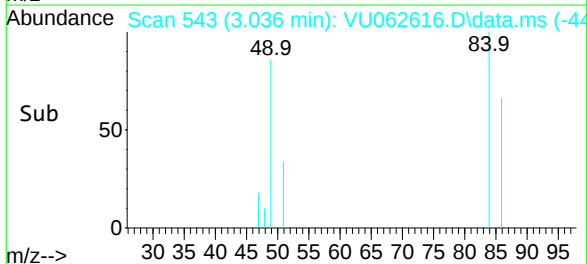
MDL03



Tgt Ion:	84	Resp:	2409
Ion	Ratio	Lower	Upper
84	100		
86	66.2	43.5	80.7
49	86.0	81.9	152.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#17

Methyl tert-butyl Ether

Concen: 0.320 ug/L

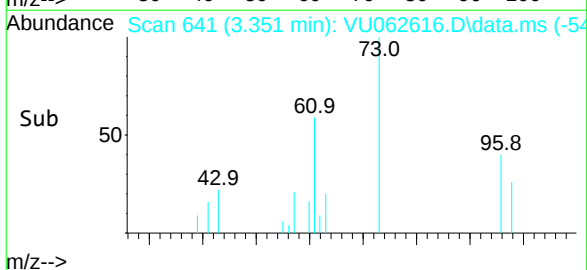
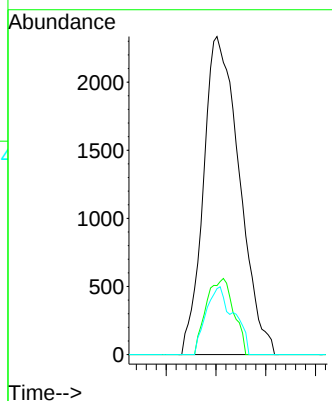
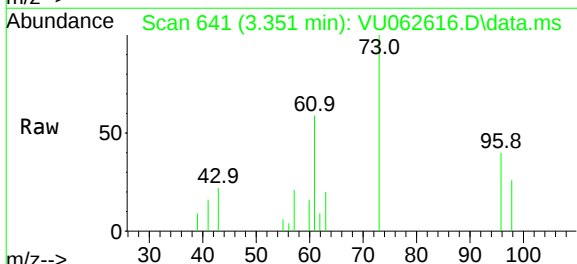
RT: 3.351 min Scan# 641

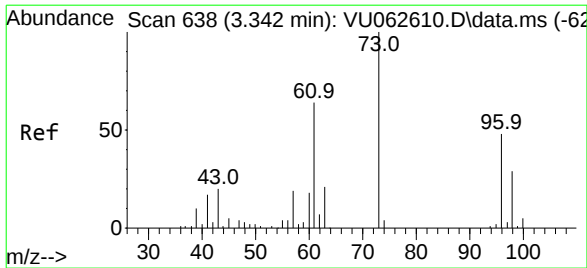
Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

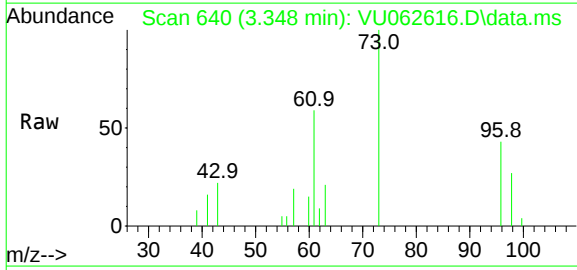
Tgt Ion:	73	Resp:	5857
Ion	Ratio	Lower	Upper
73	100		
43	18.3	16.3	24.5
57	16.5	17.1	25.7





#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

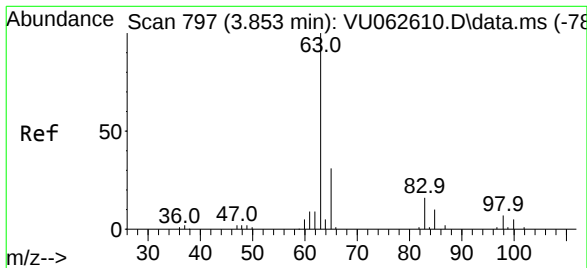
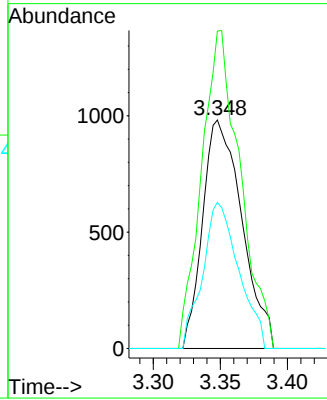
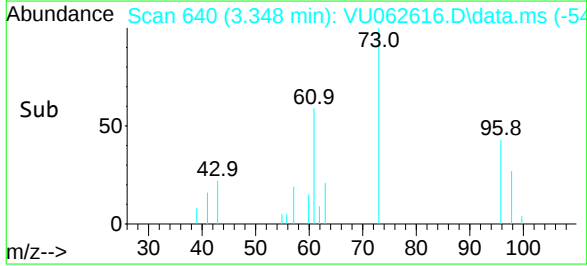
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:	96	Resp:	2000
Ion	Ratio	Lower	Upper
96	100		
61	138.9	104.2	193.4
98	64.0	45.7	84.9

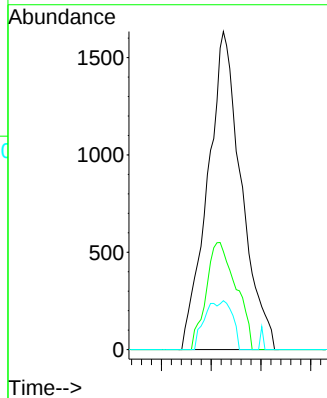
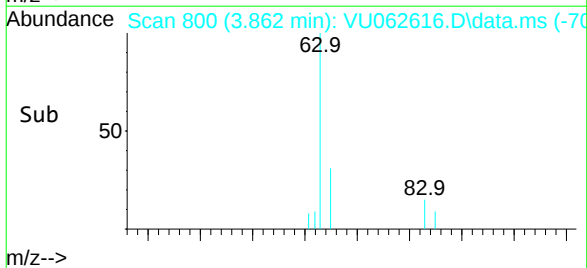
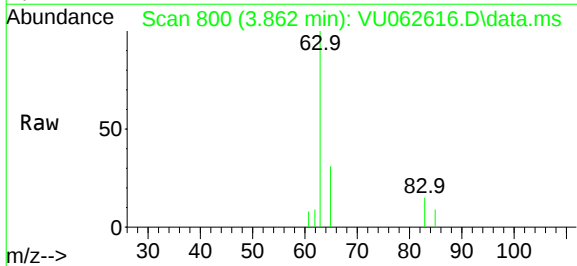
Manual Integrations
APPROVED

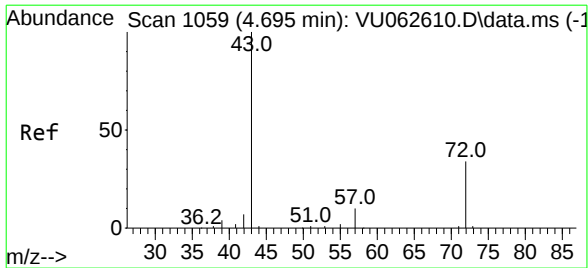
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#19
1,1-Dichloroethane
Concen: 0.277 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

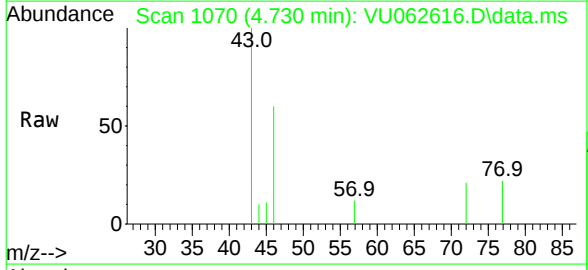
Tgt Ion:	63	Resp:	3836
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.7	42.3
83	15.4	9.9	18.3





#21
 2-Butanone
 Concen: 3.303 ug/L m
 RT: 4.730 min Scan# 1070
 Delta R.T. 0.035 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Instrument : MSVOA_U
 ClientSampleId : MDL03

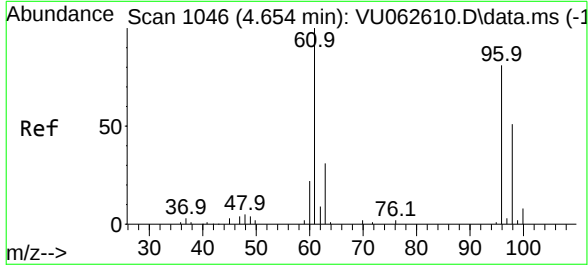
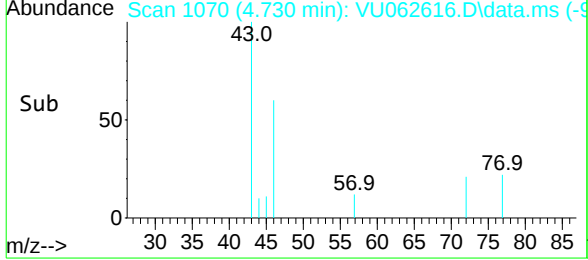
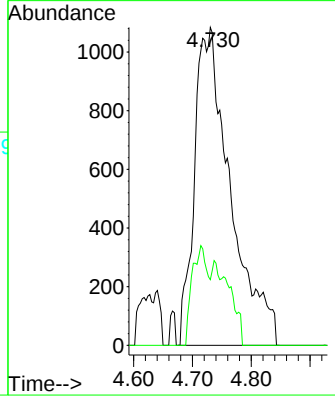


Tgt Ion: 43 Resp: 4598

Ion	Ratio	Lower	Upper
43	100		
72	13.9	14.8	44.4#

Manual Integrations
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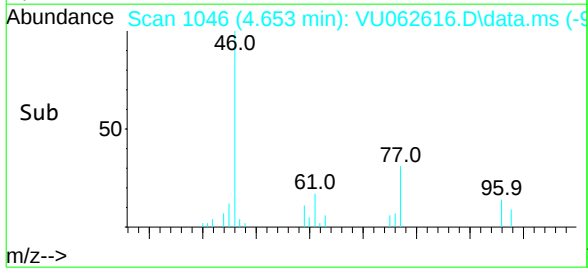
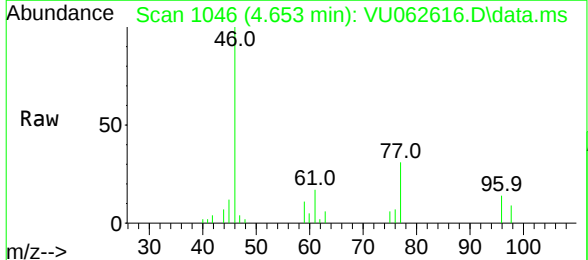
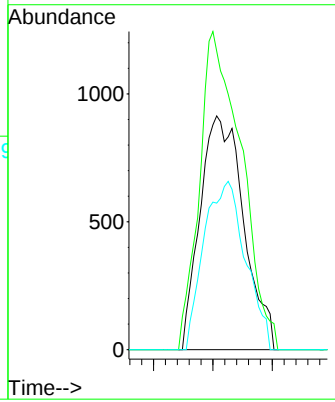
Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024

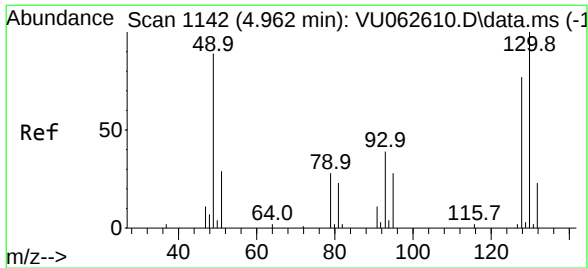


#22
 cis-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Tgt Ion: 96 Resp: 2332

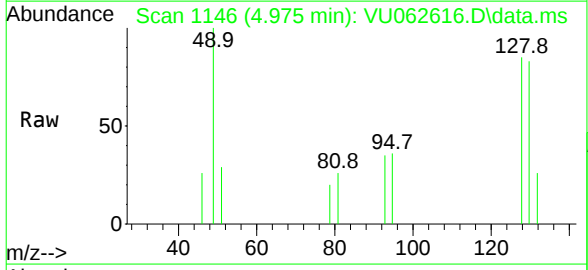
Ion	Ratio	Lower	Upper
96	100		
61	127.7	92.0	170.8
98	62.7	44.5	82.7





#23
 Bromochloromethane
 Concen: 0.299 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.013 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

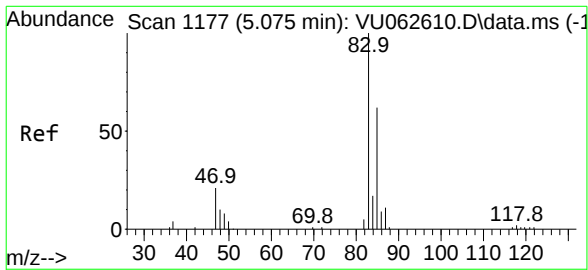
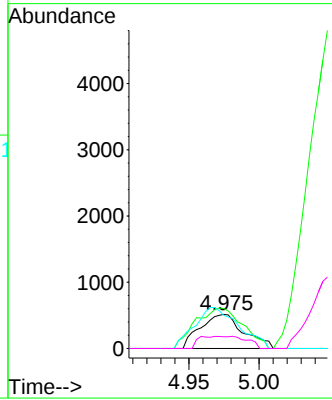
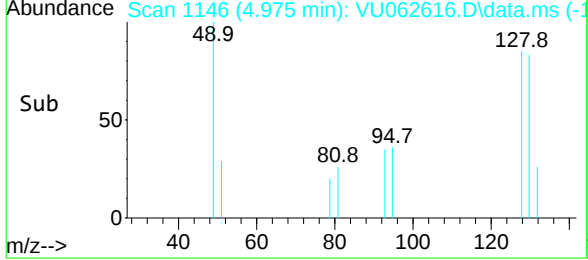
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:	128	Resp:	1111
Ion	Ratio	Lower	Upper
128	100		
49	117.3	115.3	214.1
130	97.7	92.0	170.8
51	34.4	44.7	67.1#

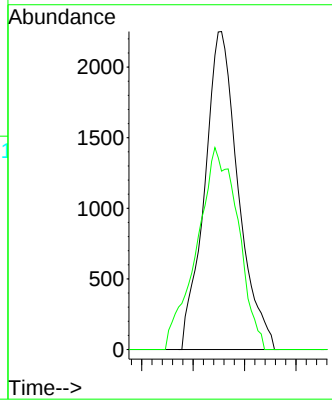
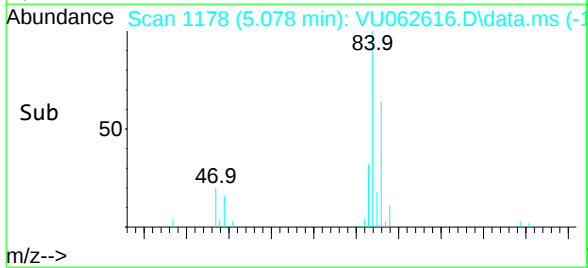
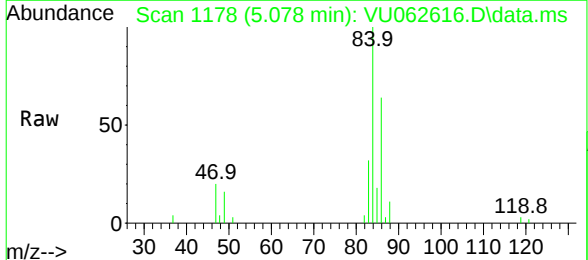
Manual Integrations
 APPROVED

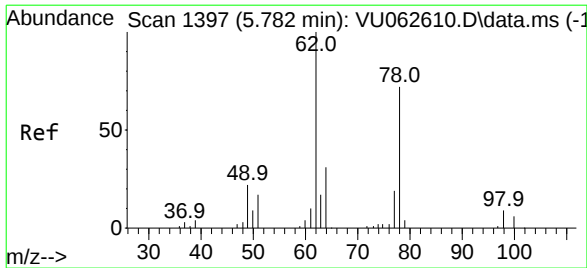
Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#25
 Chloroform
 Concen: 0.329 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Tgt Ion:	83	Resp:	5125
Ion	Ratio	Lower	Upper
83	100		
85	56.1	45.4	84.2





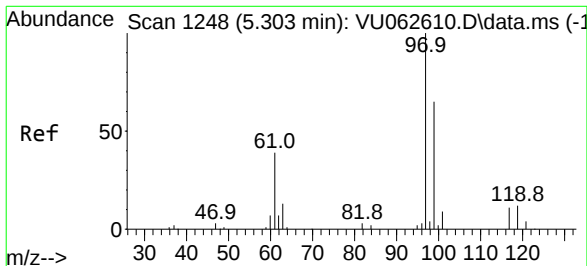
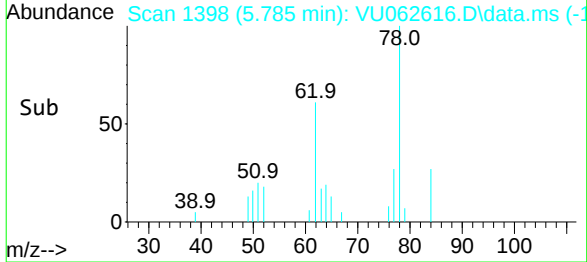
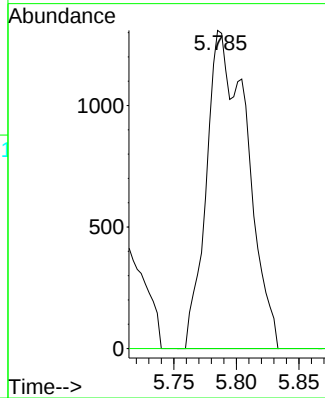
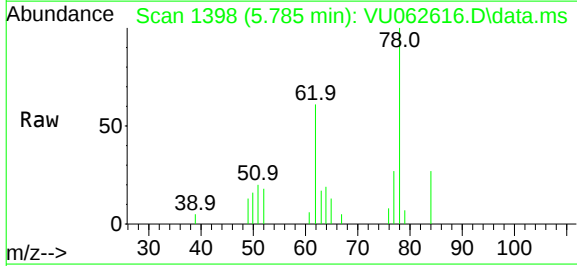
#27
1,2-Dichloroethane
Concen: 0.299 ug/L m
RT: 5.785 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 62 Resp: 2967
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

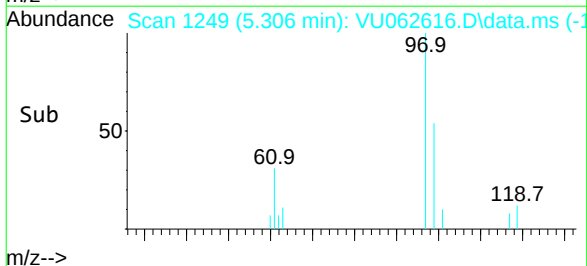
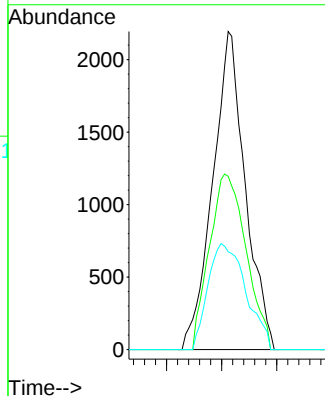
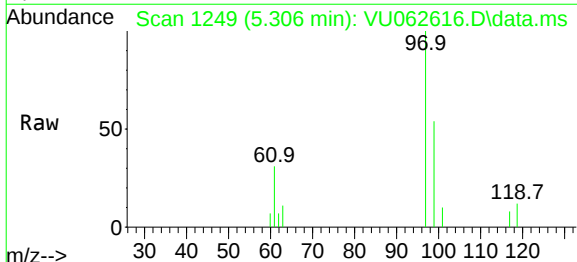
Manual Integrations
APPROVED

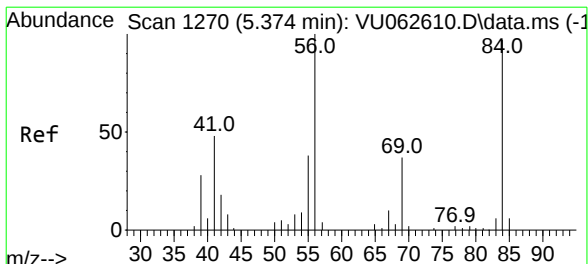
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#29
1,1,1-Trichloroethane
Concen: 0.313 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

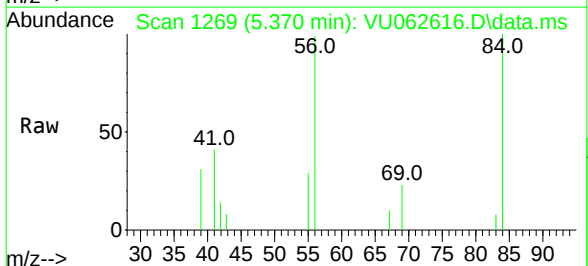
Tgt Ion: 97 Resp: 4495
Ion Ratio Lower Upper
97 100
99 62.4 51.4 77.2
61 38.8 37.8 56.6





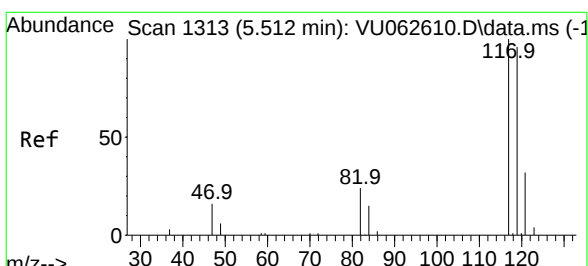
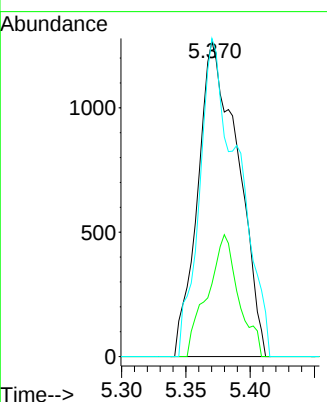
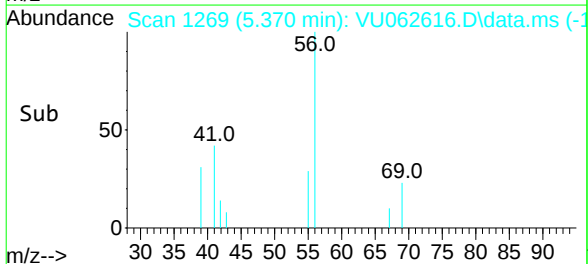
#30
Cyclohexane
Concen: 0.236 ug/L
RT: 5.370 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument : MSVOA_U
ClientSampleId : MDL03

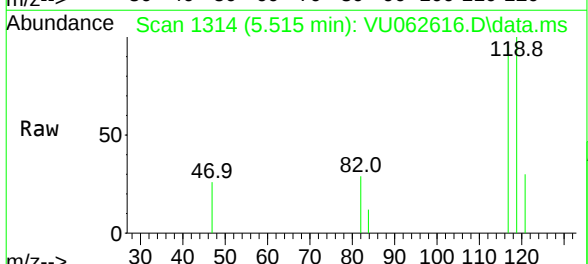


Tgt Ion:	56	Resp:	2753
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.1	37.7
84	97.8	70.6	105.8

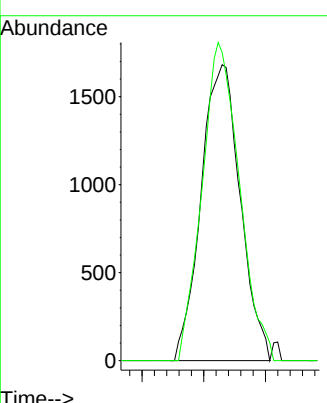
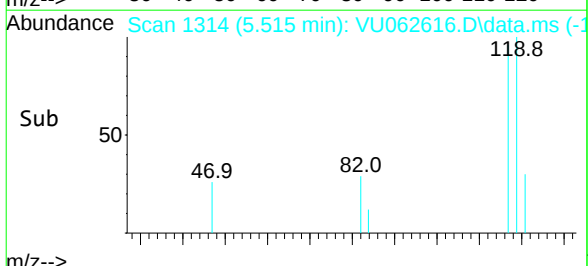
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

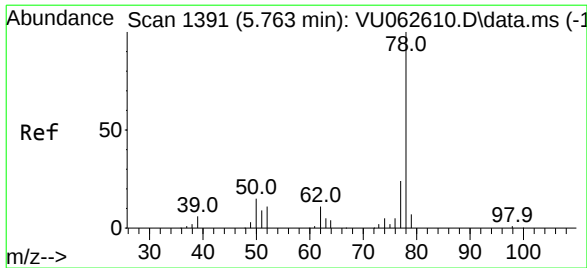


#31
Carbon tetrachloride
Concen: 0.281 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



Tgt Ion:	117	Resp:	3707
Ion	Ratio	Lower	Upper
117	100		
119	102.7	77.5	116.3





#33

Benzene

Concen: 0.288 ug/L

RT: 5.766 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL03

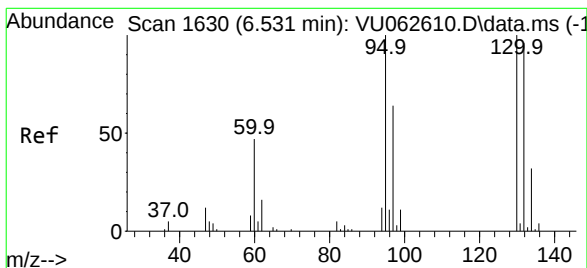
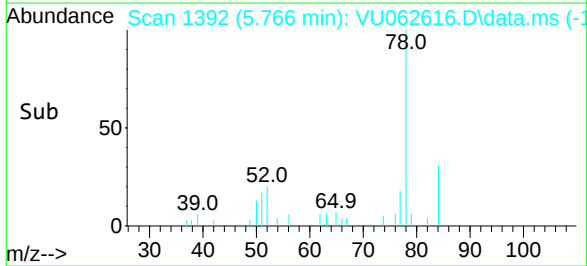
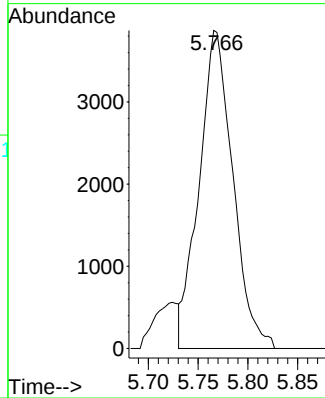
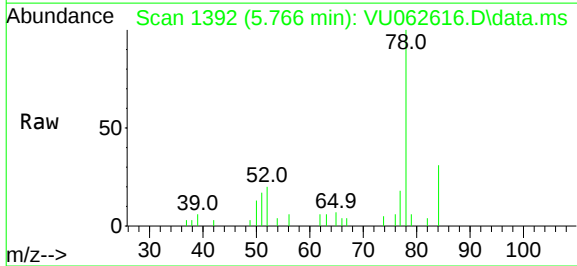
Tgt Ion: 78 Resp: 9106

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#34

Trichloroethene

Concen: 0.486 ug/L

RT: 6.541 min Scan# 1633

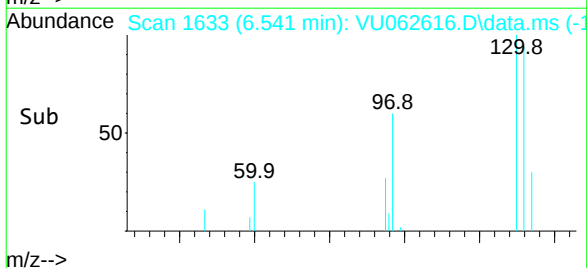
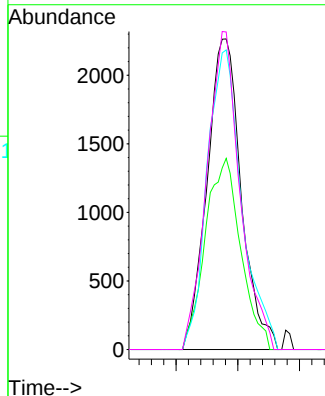
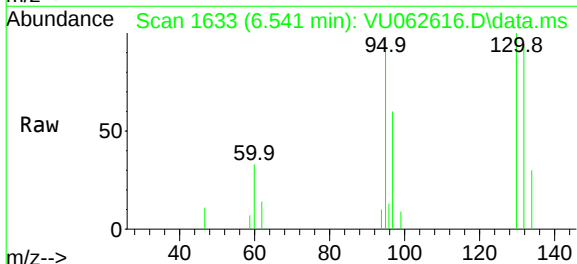
Delta R.T. 0.009 min

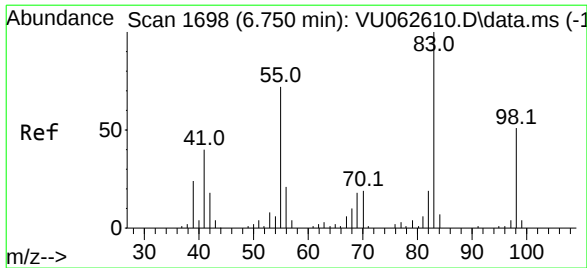
Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion: 95 Resp: 4357

Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.9	85.3
132	96.5	63.8	118.4
130	102.3	65.5	121.7





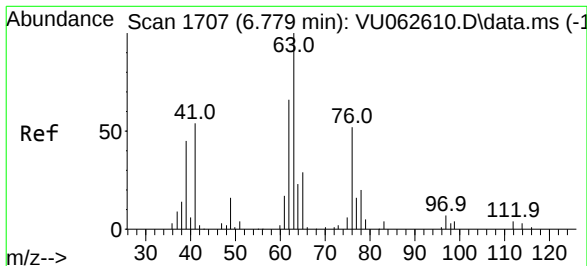
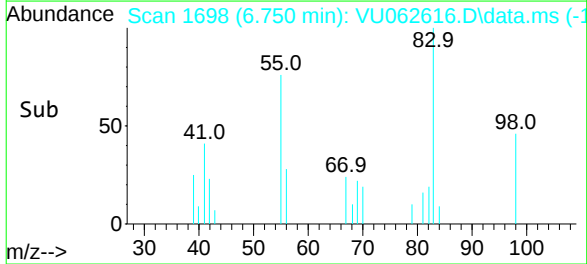
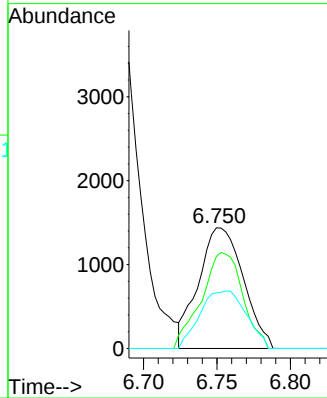
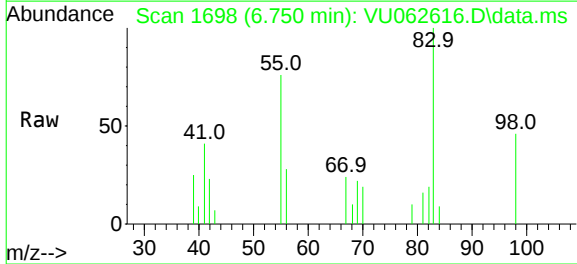
#35
Methylcyclohexane
Concen: 0.229 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 3048
Ion Ratio Lower Upper
83 100
55 73.2 60.7 91.1
98 49.3 34.8 52.2

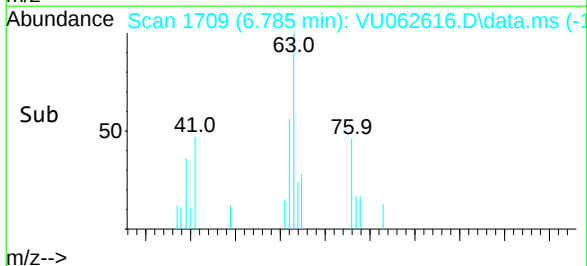
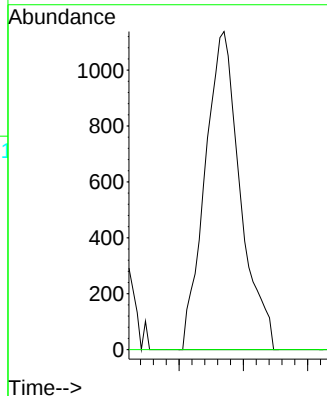
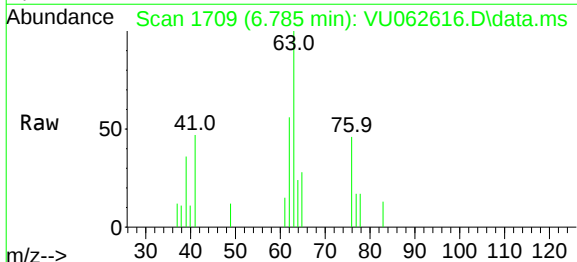
Manual Integrations
APPROVED

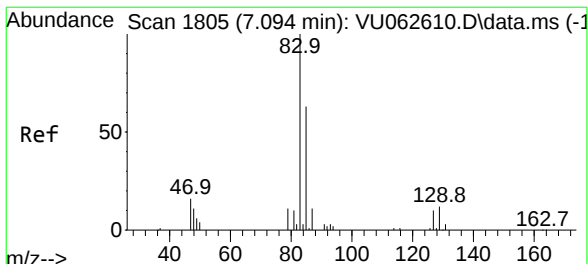
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#37
1,2-Dichloropropane
Concen: 0.281 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt Ion: 63 Resp: 2167
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#38
Bromodichloromethane
Concen: 0.312 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

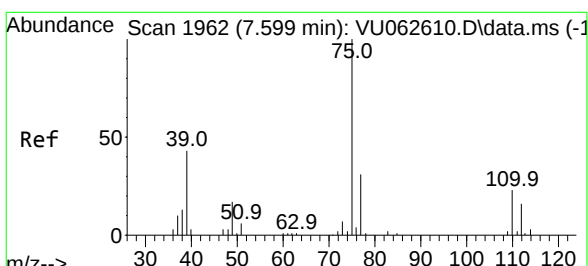
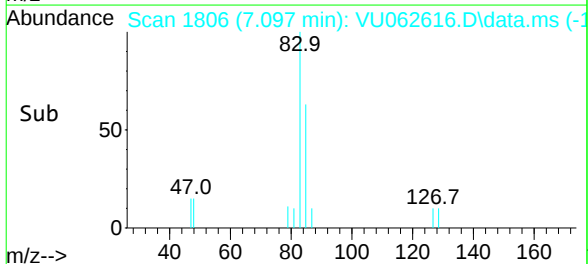
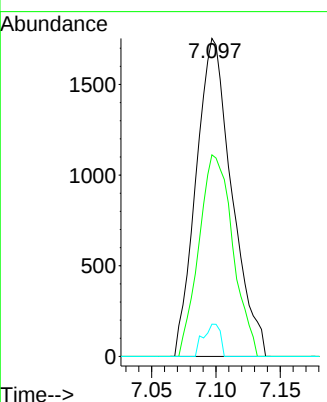
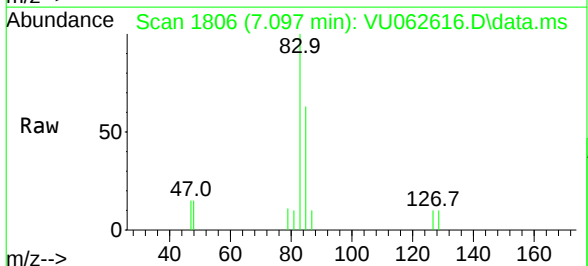
ClientSampleId :

MDL03

Tgt	Ion: 83	Resp:	3387
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.1	81.9
127	10.1	6.9	10.3

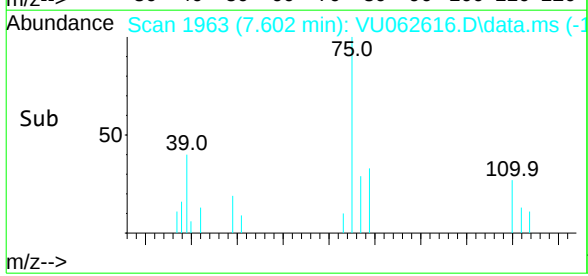
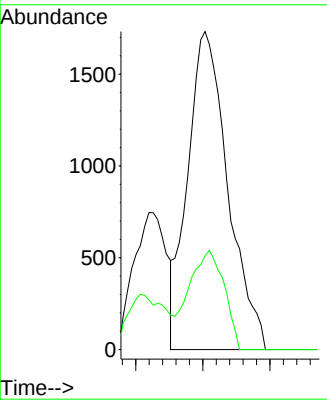
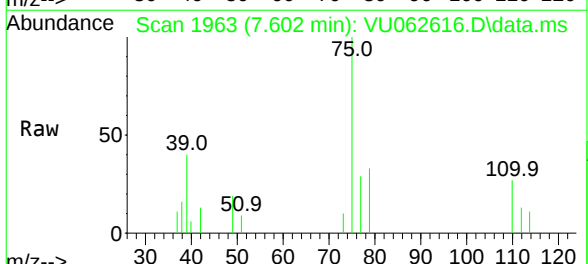
Manual Integrations
APPROVED

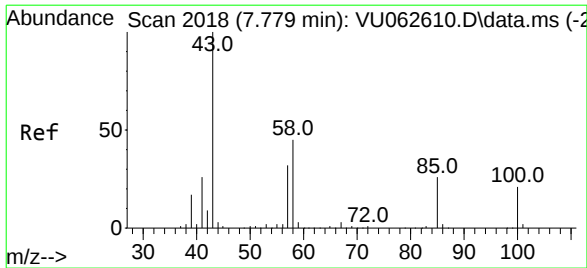
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#39
cis-1,3-Dichloropropene
Concen: 0.292 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Tgt	Ion: 75	Resp:	3608
Ion	Ratio	Lower	Upper
75	100		
77	29.4	22.3	41.3





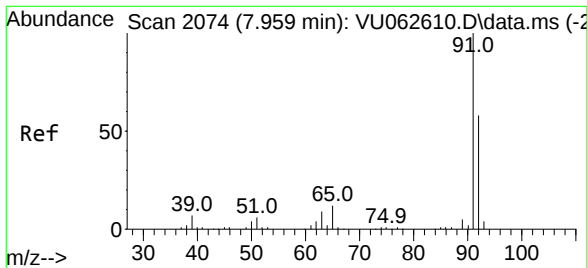
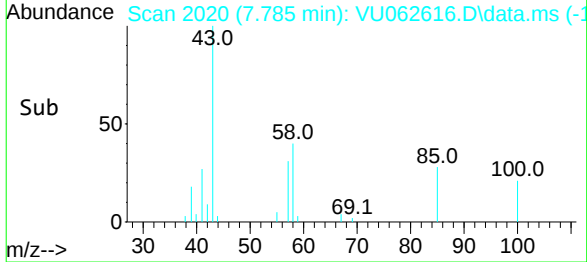
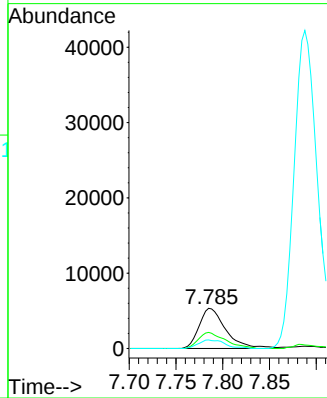
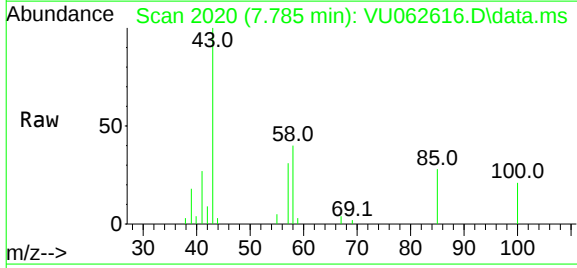
#40
4-Methyl-2-pentanone
Concen: 2.926 ug/L
RT: 7.785 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion	43	58	100
Ratio	100	40.3	0.0
Lower		33.3	12.4
Upper		49.9	18.6

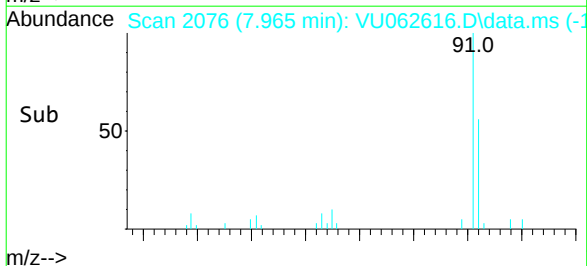
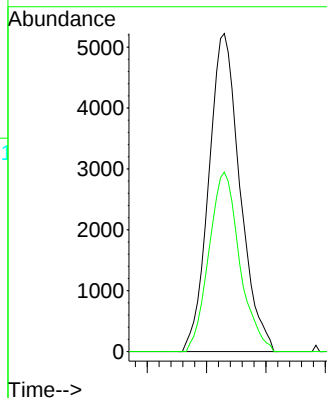
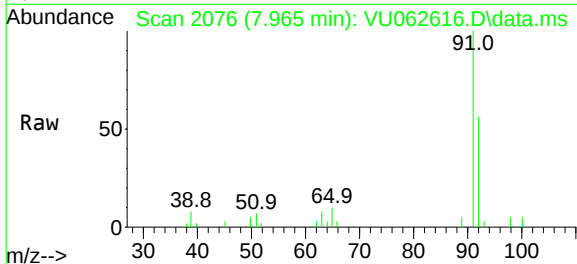
Manual Integrations
APPROVED

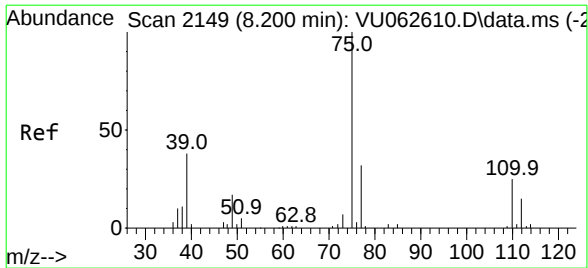
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#42
Toluene
Concen: 0.280 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

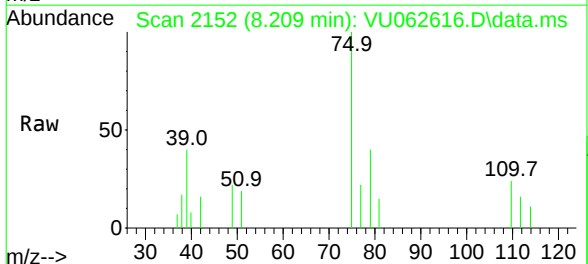
Tgt Ion	91	92
Ratio	100	56.5
Lower		39.0
Upper		72.4





#44
trans-1,3-Dichloropropene
Concen: 0.308 ug/L
RT: 8.209 min Scan# 2149
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

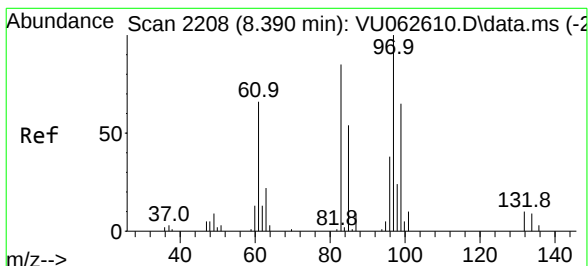
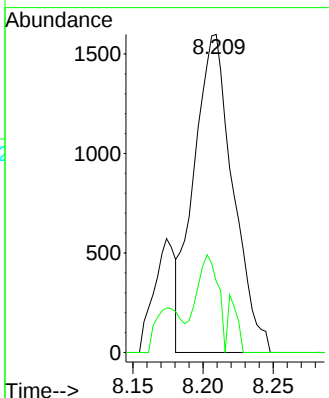
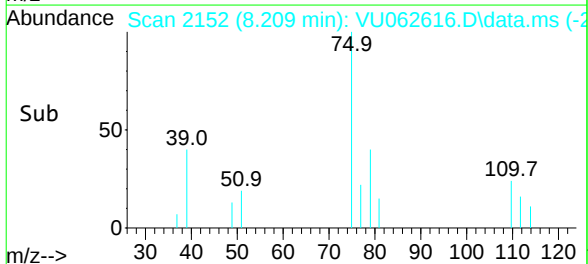
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion: 75 Resp: 3105
Ion Ratio Lower Upper
75 100
77 22.4 21.8 40.4

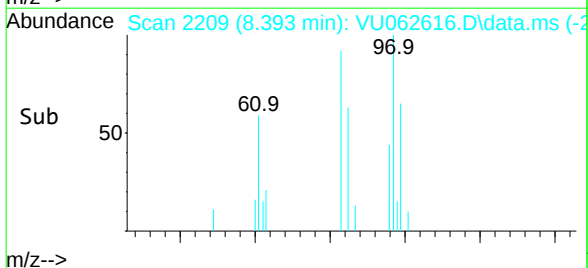
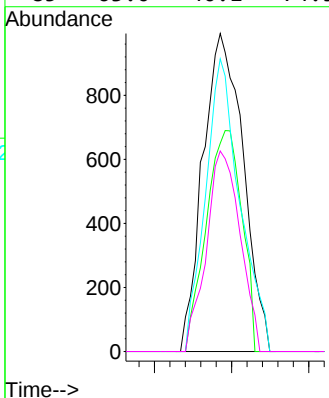
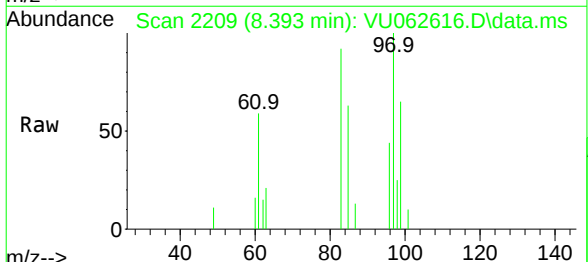
Manual Integrations
APPROVED

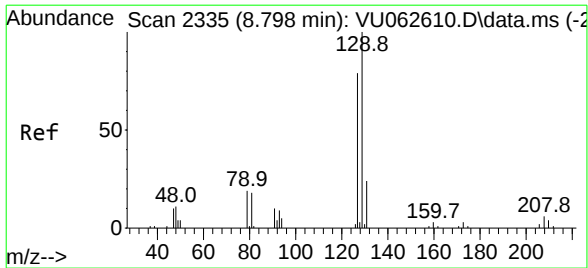
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#45
1,1,2-Trichloroethane
Concen: 0.308 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

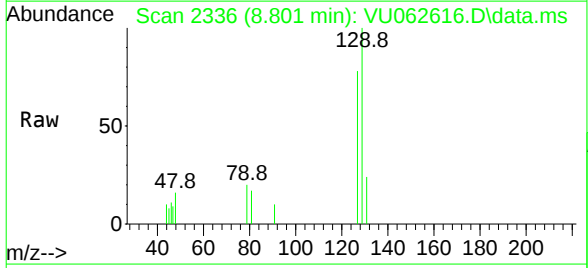
Tgt Ion: 97 Resp: 1793
Ion Ratio Lower Upper
97 100
99 65.5 43.0 79.8
83 92.0 61.7 114.5
85 63.0 40.1 74.5





#49
Dibromochloromethane
Concen: 0.297 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

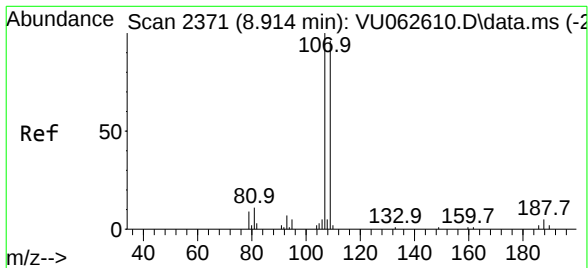
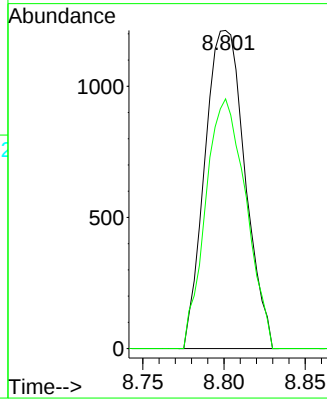
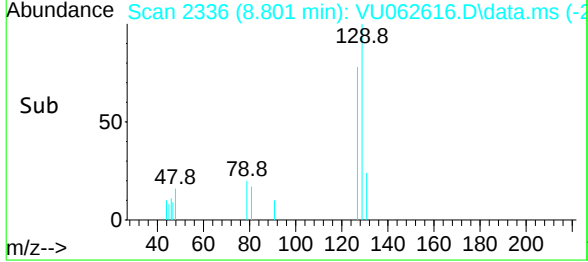
Instrument :
MSVOA_U
ClientSampleId :
MDL03



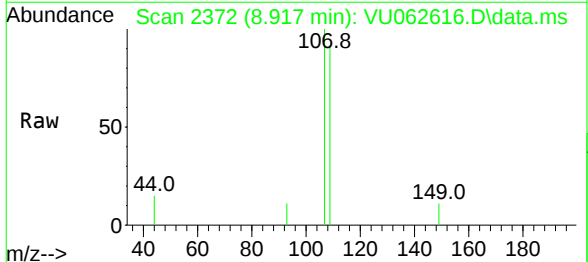
Tgt Ion:129 Resp: 2089
Ion Ratio Lower Upper
129 100
127 78.5 51.1 94.9

Manual Integrations
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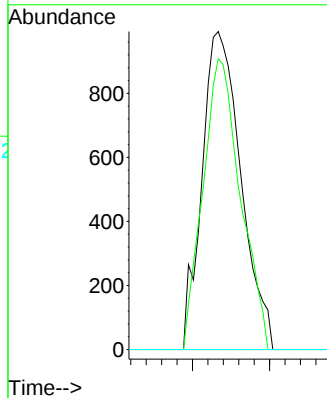
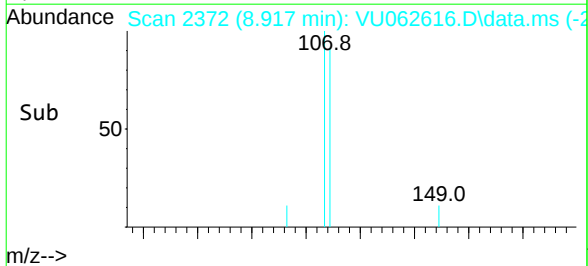
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

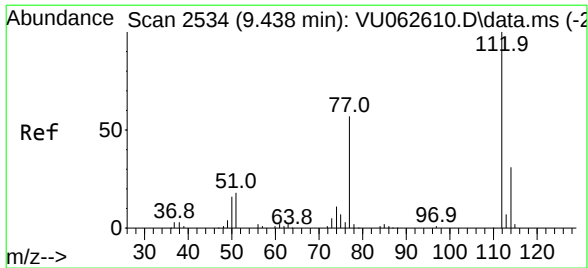


#50
1,2-Dibromoethane
Concen: 0.312 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37



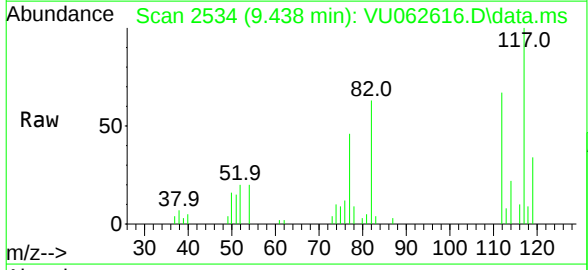
Tgt Ion:107 Resp: 1744
Ion Ratio Lower Upper
107 100
109 91.4 66.8 124.2
188 0.0 2.3 3.5#





#51
 Chlorobenzene
 Concen: 0.273 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

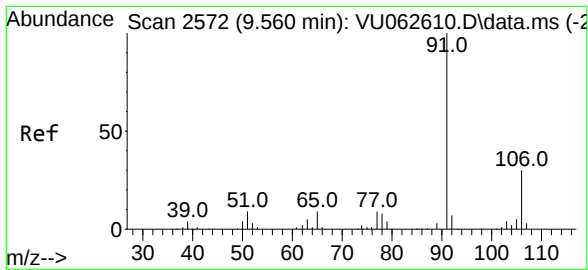
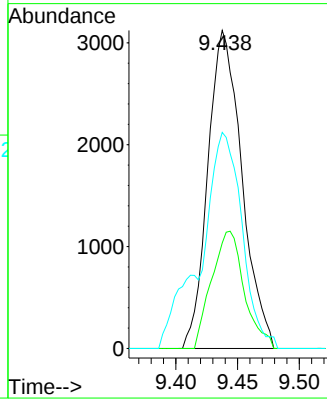
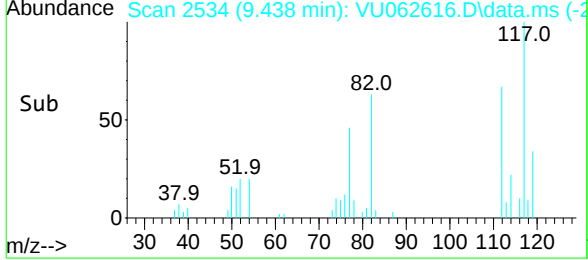
Instrument : MSVOA_U
 ClientSampleId : MDL03



Tgt Ion:	112	Resp:	5979
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.0	42.6
77	67.9	50.5	75.7

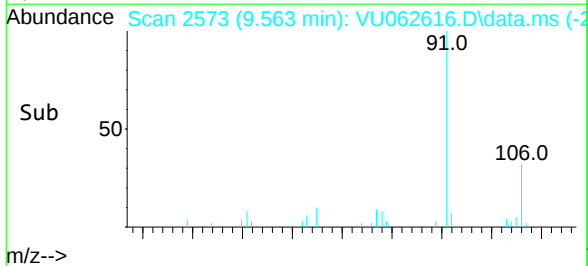
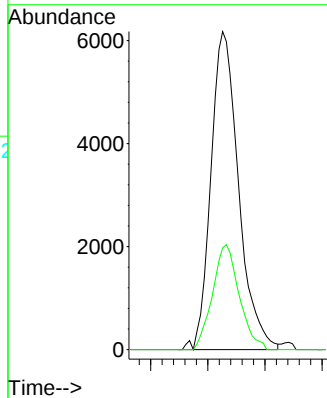
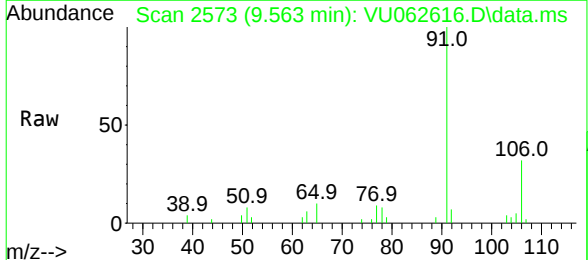
Manual Integrations
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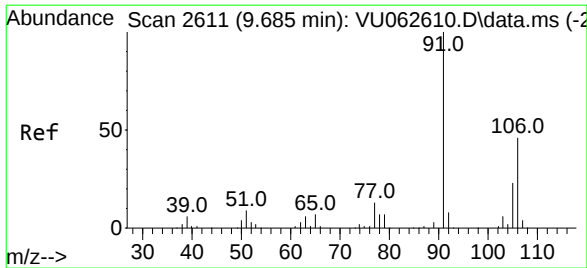
Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024



#52
 Ethylbenzene
 Concen: 0.271 ug/L
 RT: 9.563 min Scan# 2573
 Delta R.T. 0.003 min
 Lab File: VU062616.D
 Acq: 27 Dec 2024 14:37

Tgt Ion:	91	Resp:	10376
Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.6	40.0





#53

m,p-Xylene

Concen: 0.270 ug/L

RT: 9.688 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL03

Tgt Ion:106 Resp: 3820

Ion Ratio Lower Upper

106 100

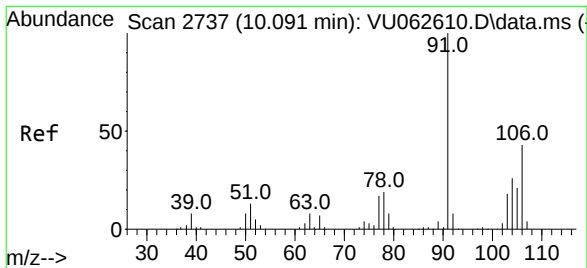
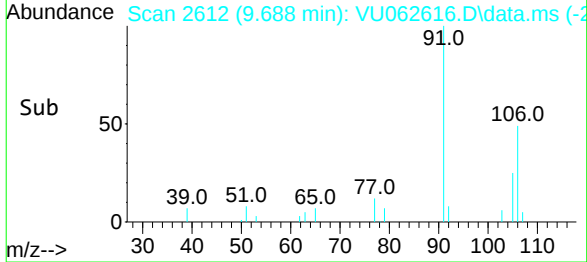
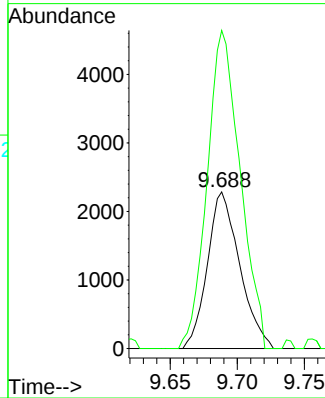
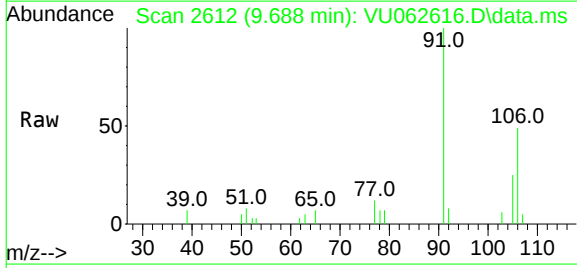
91 203.2 147.6 274.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#54

o-Xylene

Concen: 0.282 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU062616.D

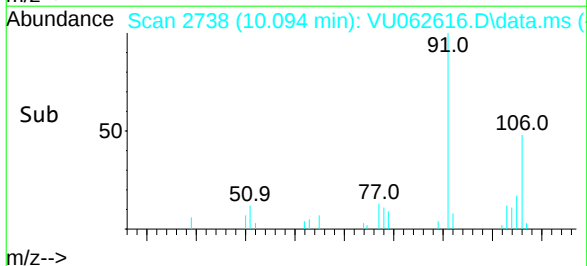
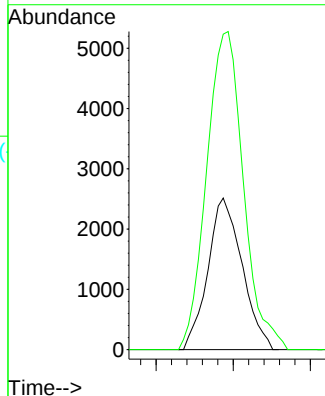
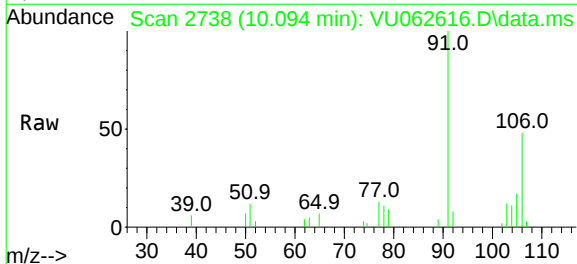
Acq: 27 Dec 2024 14:37

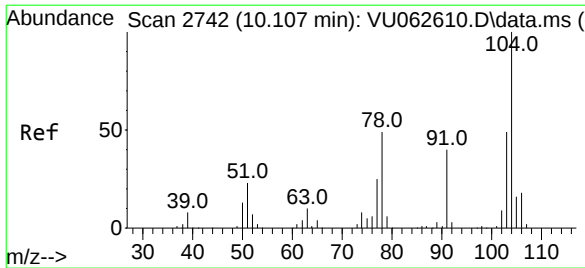
Tgt Ion:106 Resp: 3879

Ion Ratio Lower Upper

106 100

91 208.1 159.8 296.8





#55

Styrene

Concen: 0.259 ug/L

RT: 10.116 min Scan# 2742

Delta R.T. 0.009 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

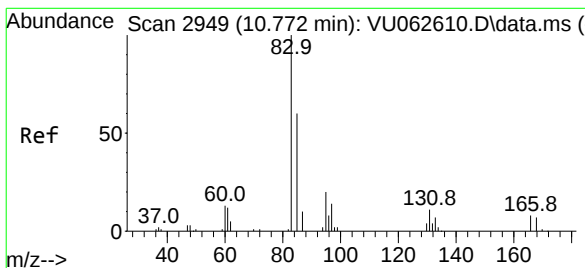
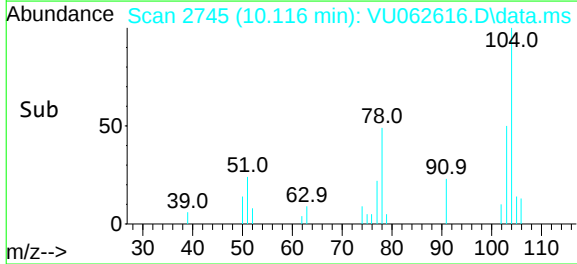
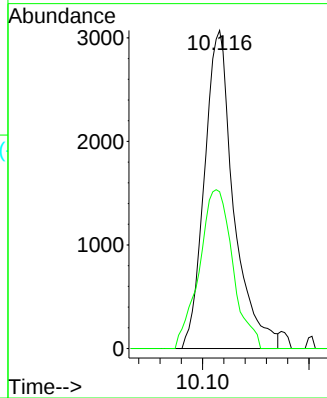
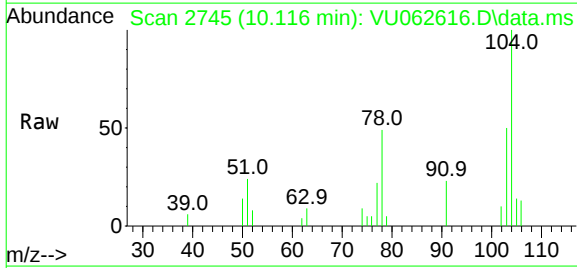
MDL03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	33.2	61.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 0.290 ug/L

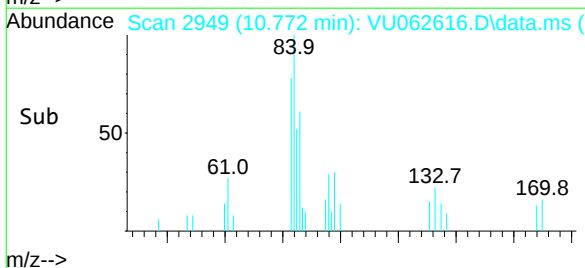
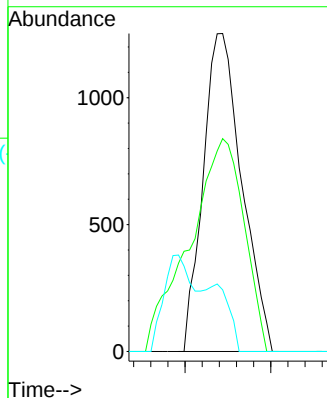
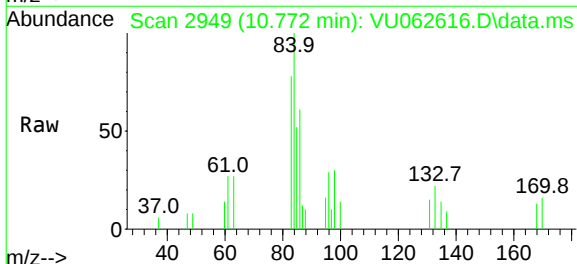
RT: 10.772 min Scan# 2949

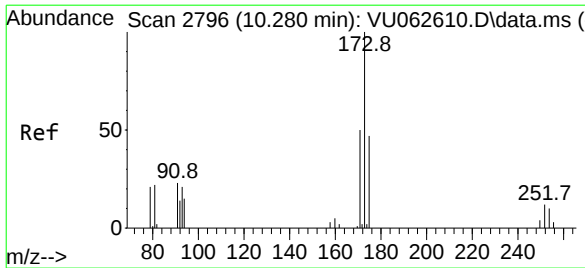
Delta R.T. -0.000 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.4	82.4
131	19.4	7.3	10.9





#59

Bromoform

Concen: 0.313 ug/L

RT: 10.283 min Scan# 27

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

MDL03

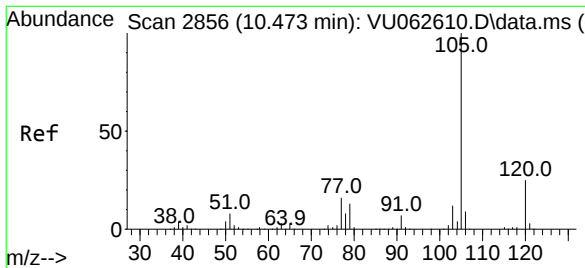
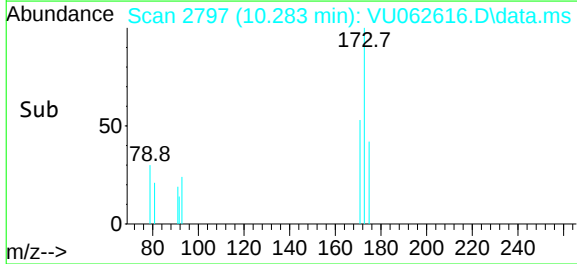
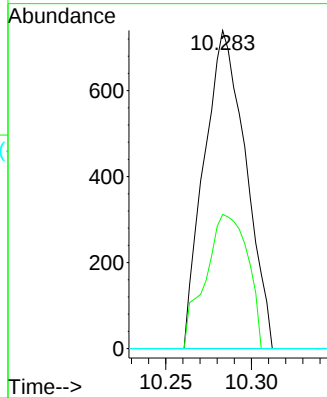
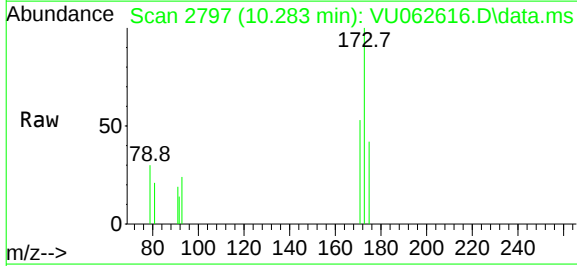
Tgt Ion:	173	Resp:	1244
Ion	Ratio	Lower	Upper
173	100		
175	42.9	39.0	58.4
254	0.0	7.4	11.0#

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/30/2024

Supervised By :Semsettin Yesilyurt 12/30/2024



#60

Isopropylbenzene

Concen: 0.277 ug/L

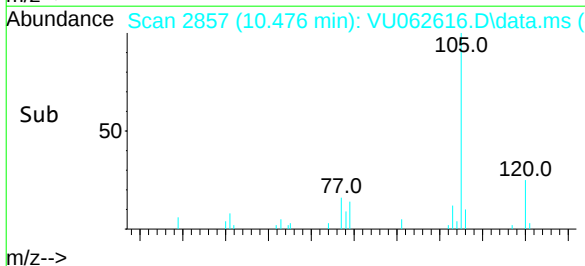
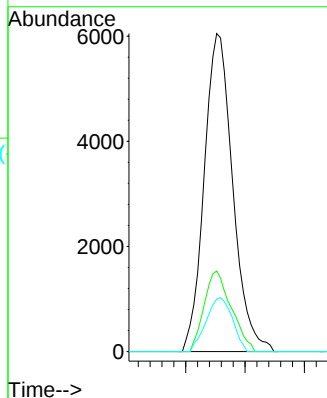
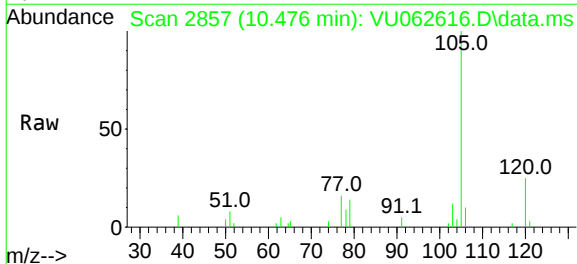
RT: 10.476 min Scan# 2857

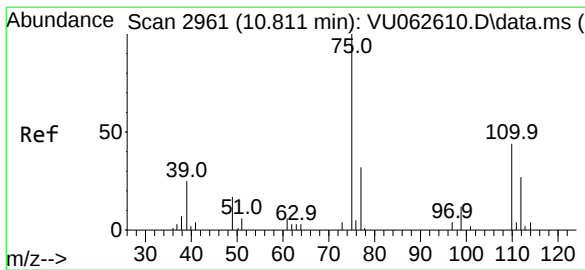
Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt Ion:	105	Resp:	10114
Ion	Ratio	Lower	Upper
105	100		
120	24.0	20.6	31.0
77	15.5	13.0	19.6





#61

1,2,3-Trichloropropane

Concen: 0.323 ug/L

RT: 10.814 min Scan# 29

Delta R.T. 0.003 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :

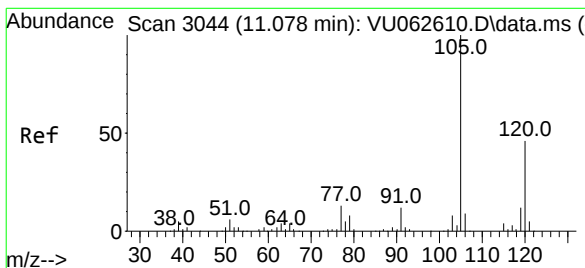
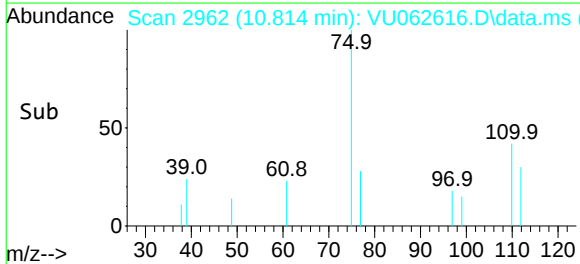
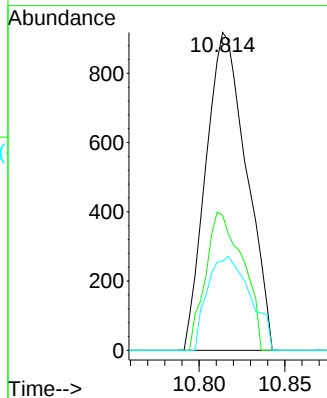
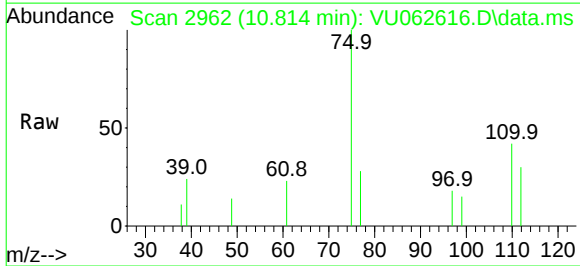
MDL03

Tgt	Ion: 75	Resp:	1511
Ion	Ratio	Lower	Upper
75	100		
110	39.9	28.9	43.3
77	31.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#62

1,3,5-Trimethylbenzene

Concen: 0.285 ug/L

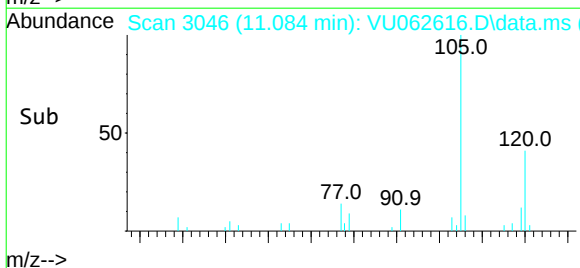
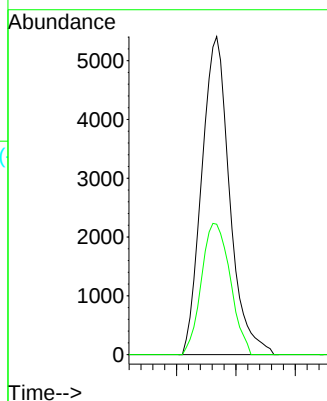
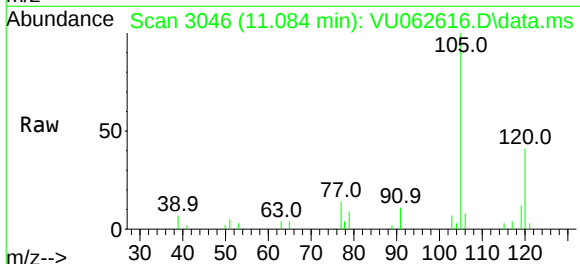
RT: 11.084 min Scan# 3046

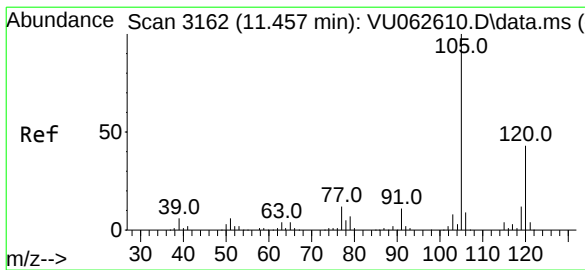
Delta R.T. 0.006 min

Lab File: VU062616.D

Acq: 27 Dec 2024 14:37

Tgt	Ion:105	Resp:	8827
Ion	Ratio	Lower	Upper
105	100		
120	42.6	36.7	55.1





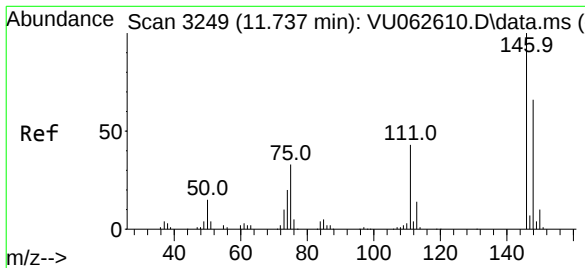
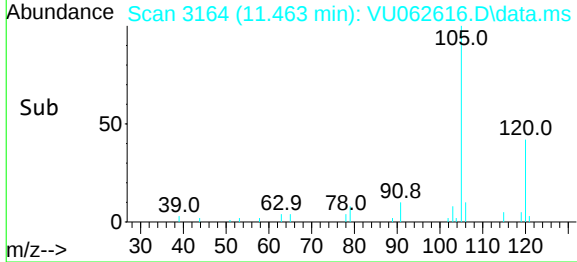
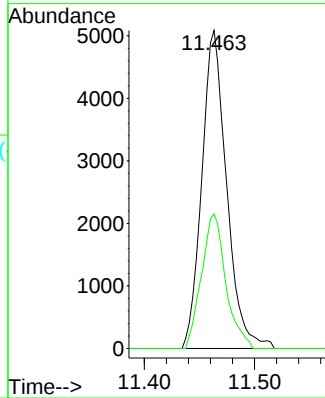
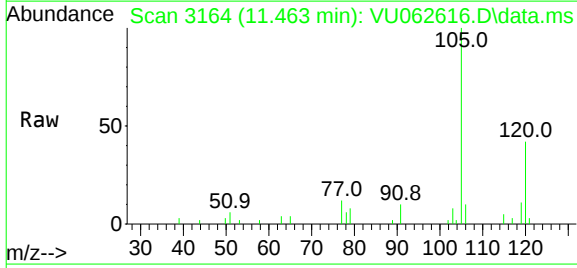
#63
1,2,4-Trimethylbenzene
Concen: 0.262 ug/L
RT: 11.463 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 7936
Ion Ratio Lower Upper
105 100
120 41.5 34.7 52.1

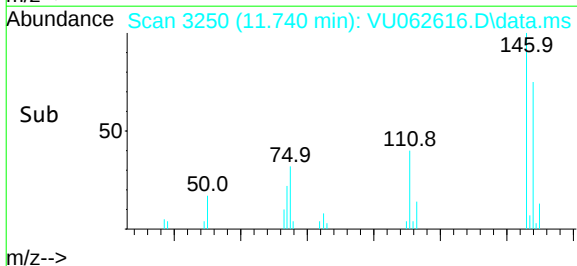
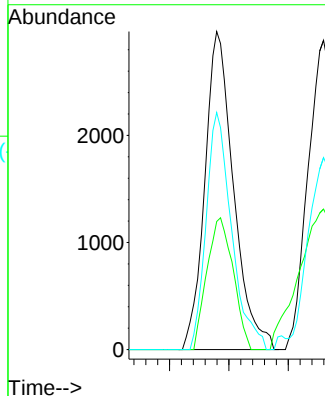
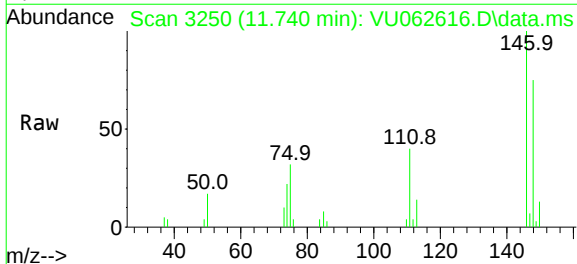
Manual Integrations
APPROVED

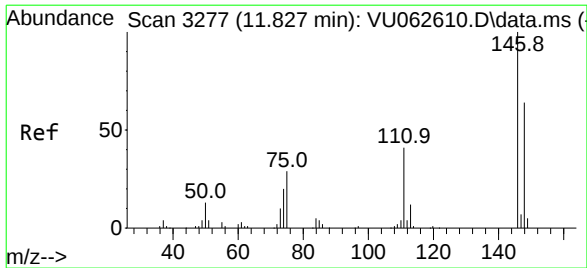
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#64
1,3-Dichlorobenzene
Concen: 0.297 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

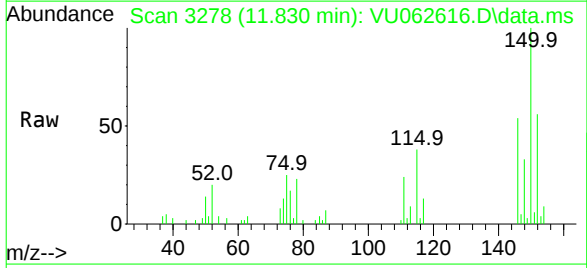
Tgt Ion:146 Resp: 4992
Ion Ratio Lower Upper
146 100
111 40.3 30.7 57.1
148 74.5 45.1 83.7





#65
1,4-Dichlorobenzene
Concen: 0.299 ug/L
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

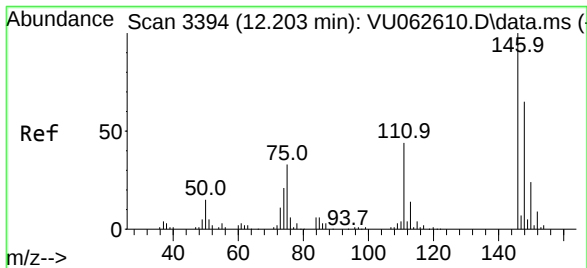
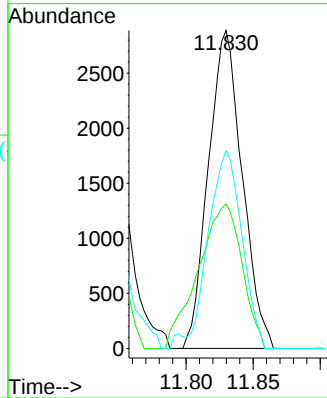
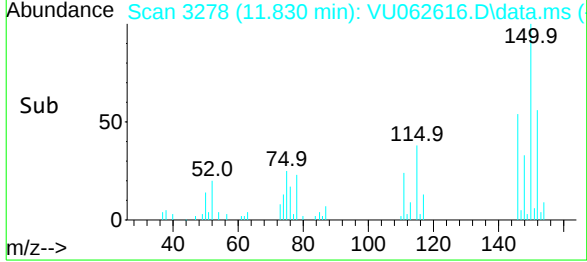
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:	146	Resp:	5067
Ion Ratio	Lower	Upper	
146	100		
111	45.4	29.3	54.3
148	62.1	44.6	82.8

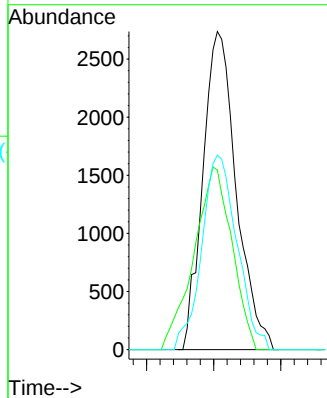
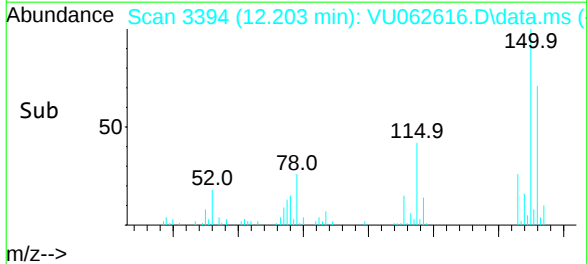
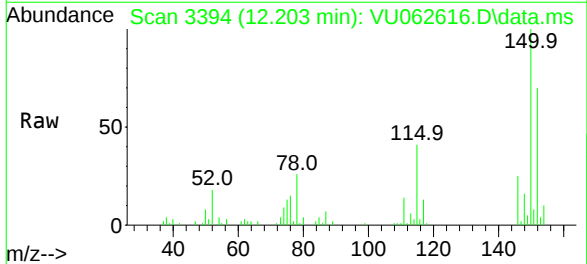
Manual Integrations
APPROVED

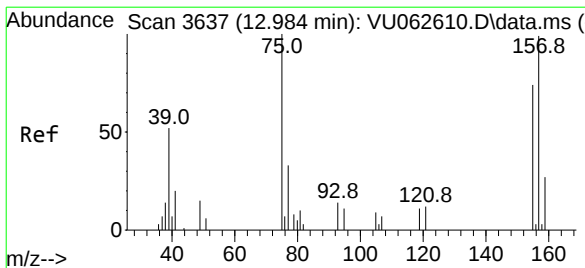
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#67
1,2-Dichlorobenzene
Concen: 0.304 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

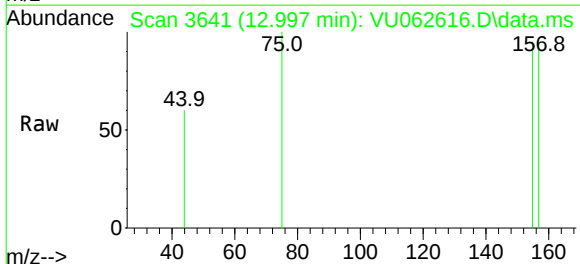
Tgt Ion:	146	Resp:	4722
Ion Ratio	Lower	Upper	
146	100		
111	56.5	36.0	54.0#
148	61.2	52.3	78.5





#68
1,2-Dibromo-3-chloropropane
Concen: 0.217 ug/L
RT: 12.997 min Scan# 3637
Delta R.T. 0.013 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

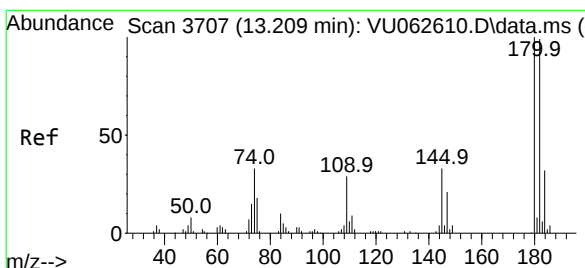
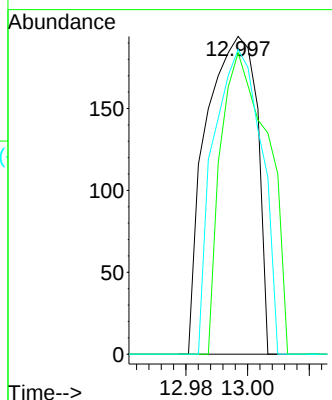
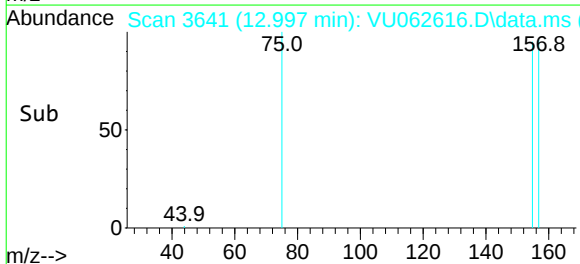
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:	75	Resp:	222
Ion	Ratio	Lower	Upper
75	100		
155	94.8	55.2	82.8
157	95.9	73.5	110.3

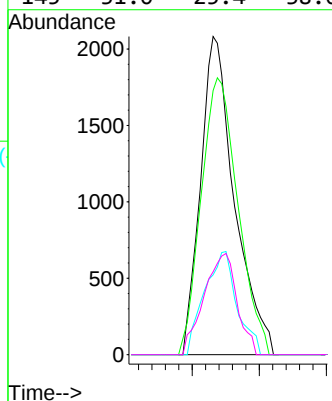
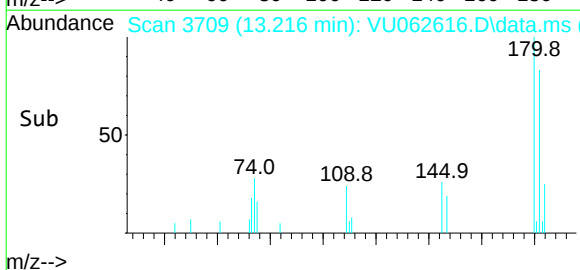
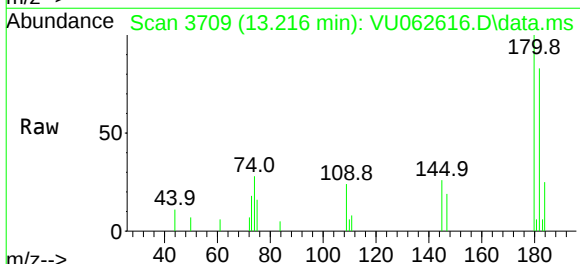
Manual Integrations
APPROVED

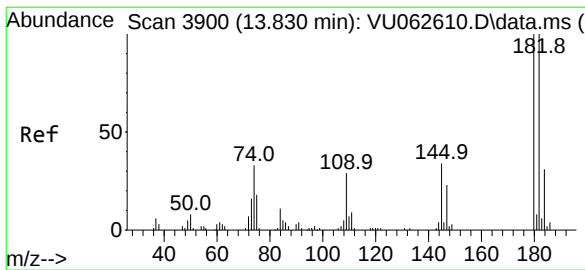
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#69
1,3,5-Trichlorobenzene
Concen: 0.292 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.006 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

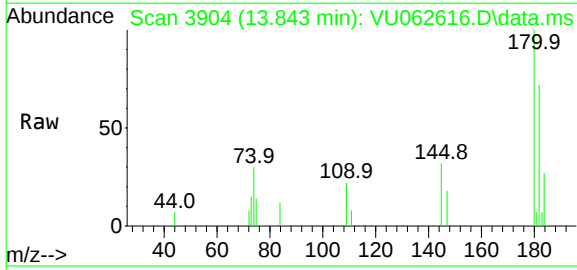
Tgt Ion:	180	Resp:	3647
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.7	115.1
184	31.2	24.8	37.2
145	31.0	25.4	38.0





#70
1,2,4-trichlorobenzene
Concen: 0.302 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.013 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

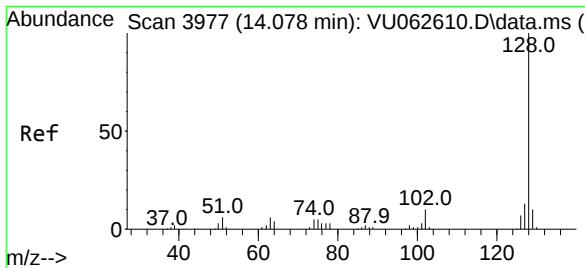
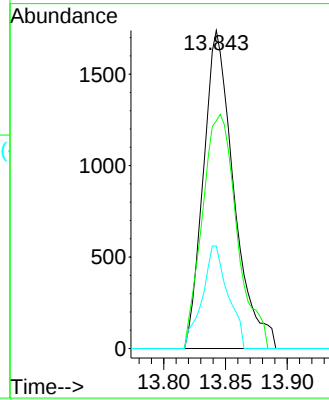
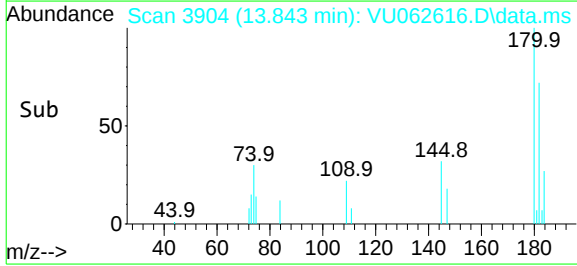
Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.5	74.5	111.7
145	27.4	25.6	38.4

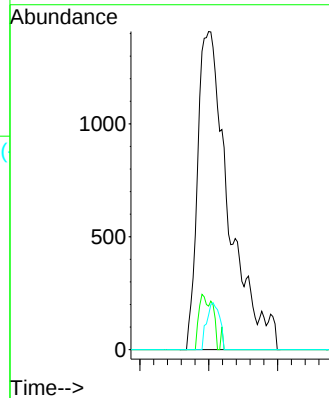
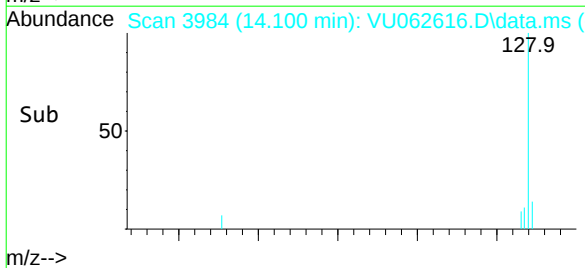
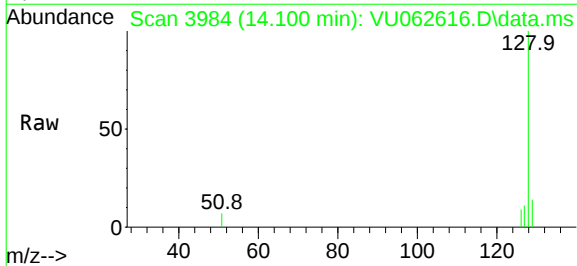
Manual Integrations
APPROVED

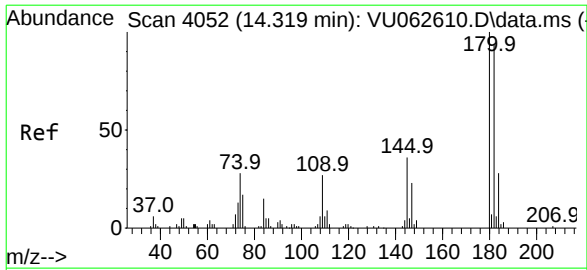
Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024



#71
Naphthalene
Concen: 0.299 ug/L m
RT: 14.100 min Scan# 3984
Delta R.T. 0.022 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

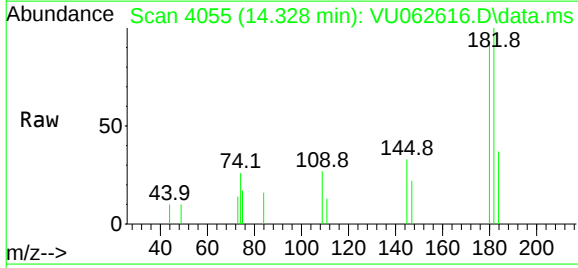
Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.6	8.5	12.7#
127	6.1	10.2	15.4#





#72
1,2,3-Trichlorobenzene
Concen: 0.289 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.009 min
Lab File: VU062616.D
Acq: 27 Dec 2024 14:37

Instrument :
MSVOA_U
ClientSampleId :
MDL03



Tgt Ion:	180	Resp:	2512
Ion Ratio	Lower	Upper	
180	100		
182	99.8	76.1	114.1
145	32.3	27.4	41.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
Supervised By :Semsettin Yesilyurt 12/30/2024

