

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059612.D
 Acq On : 28 Jun 2024 11:21
 Operator : MD/SY
 Sample : P3007-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JMRJ0MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 28 23:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39991	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.907	69	42431	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	17416	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.621	46	106055	47.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	5.055	84	100550	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	46589	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.721	84	195730	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	60668	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	185198	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	17593	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	91995	52.772	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52108	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	65899	4.486	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59265	4.507	ug/L	96
3) Chloromethane	1.515	50	68789	4.860	ug/L	98
5) Vinyl chloride	1.599	62	74926	4.792	ug/L	100
6) Bromomethane	1.853	94	38894	3.577	ug/L	92
8) Chloroethane	1.927	64	48061	5.101	ug/L	97
9) Trichlorofluoromethane	2.132	101	91419	4.857	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54059	4.537	ug/L	93
12) 1,1-Dichloroethene	2.573	96	53478	4.858	ug/L	82
13) Acetone	2.631	43	75647	52.458	ug/L	96
14) Carbon disulfide	2.788	76	171725	4.676	ug/L	100
15) Methyl Acetate	2.949	43	13318m	3.500	ug/L	
16) Methylene chloride	3.039	84	63605	4.876	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	120362	5.074	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	58010	5.067	ug/L	91
19) 1,1-Dichloroethane	3.859	63	105125	4.980	ug/L	98
21) 2-Butanone	4.698	43	119020	51.458	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	63495	5.032	ug/L	97
23) Bromochloromethane	4.965	128	29611	5.147	ug/L	88
25) Chloroform	5.078	83	111848	5.030	ug/L	98

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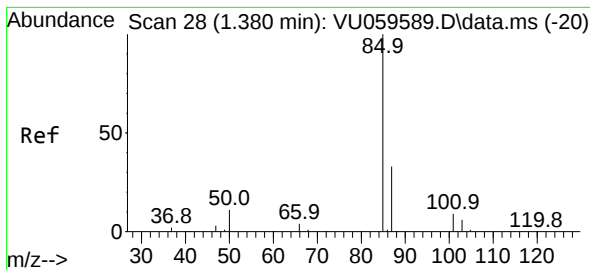
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68565	5.089	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	91768	5.002	ug/L	97
30) Cyclohexane	5.380	56	74926	4.626	ug/L	94
31) Carbon tetrachloride	5.515	117	75749	4.931	ug/L	100
33) Benzene	5.766	78	246118	5.101	ug/L	100
34) Trichloroethene	6.534	95	61742	4.725	ug/L	95
35) Methylcyclohexane	6.756	83	82847	4.456	ug/L	93
37) 1,2-Dichloropropane	6.782	63	63846	5.114	ug/L	98
38) Bromodichloromethane	7.097	83	78833	5.058	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	77857	4.560	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	300204	51.889	ug/L #	94
42) Toluene	7.962	91	267001	5.227	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	64216	4.686	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48333	5.253	ug/L	97
47) Tetrachloroethene	8.547	164	50854	5.016	ug/L	92
48) 2-Hexanone	8.676	43	217568	52.693	ug/L #	94
49) Dibromochloromethane	8.804	129	52410	5.142	ug/L	98
50) 1,2-Dibromoethane	8.917	107	45594	5.366	ug/L	100
51) Chlorobenzene	9.441	112	167956	5.184	ug/L	96
52) Ethylbenzene	9.563	91	262751	5.014	ug/L	97
53) m,p-Xylene	9.688	106	103363	5.136	ug/L	96
54) o-Xylene	10.094	106	99083	5.188	ug/L	100
55) Styrene	10.110	104	166227	5.113	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	58765	5.265	ug/L	97
59) Bromoform	10.283	173	32507	5.146	ug/L	96
60) Isopropylbenzene	10.476	105	257982	5.060	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	38435	5.039	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	195095	4.830	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	195335	5.058	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	134473	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	133277	4.993	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	124185	5.088	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8041	5.405	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.212	180	94526	4.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	75626	5.135	ug/L	97
71) Naphthalene	14.084	128	111858	5.307	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	72858	5.328	ug/L	99

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



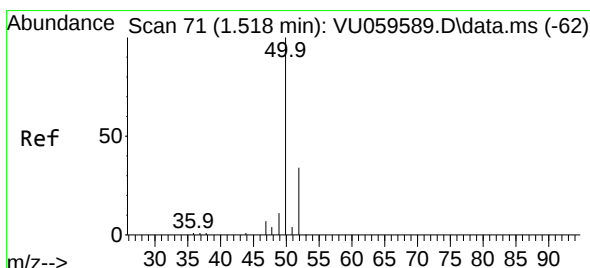
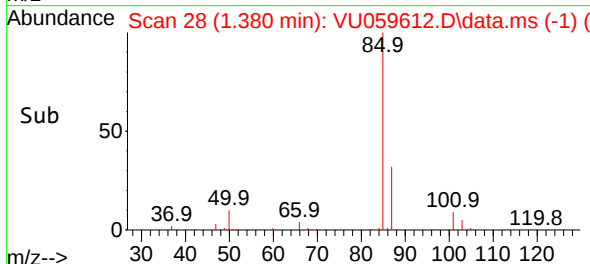
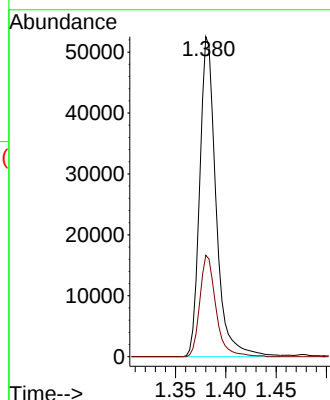
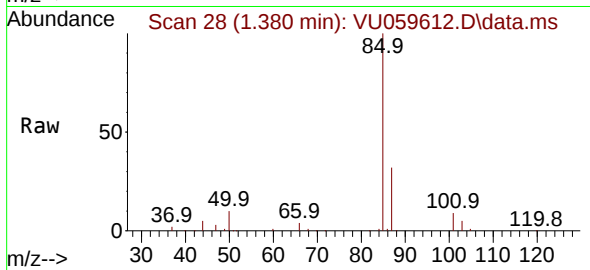
#2
Dichlorodifluoromethane
Concen: 4.507 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD

Tgt Ion: 85 Resp: 5926
Ion Ratio Lower Upper
85 100
87 31.2 26.6 40.0

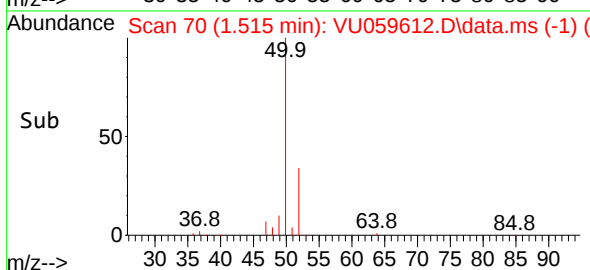
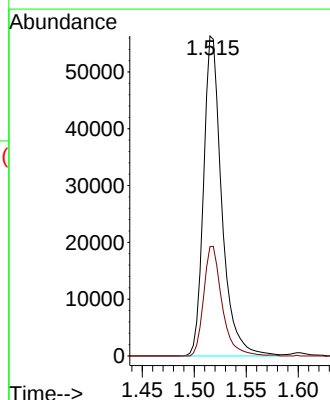
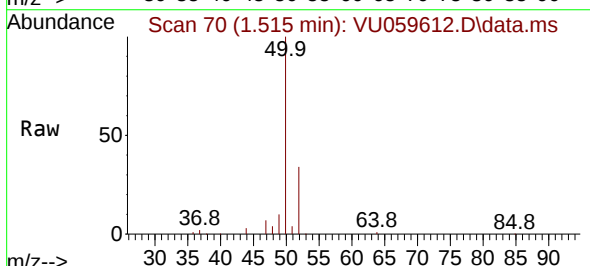
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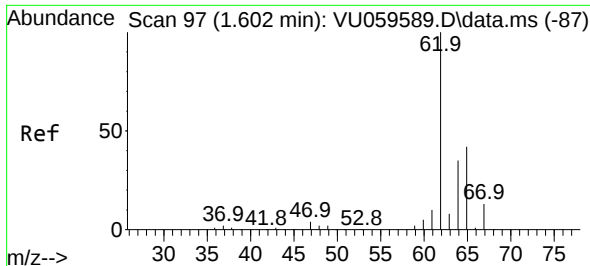
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#3
Chloromethane
Concen: 4.860 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 50 Resp: 68789
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.0





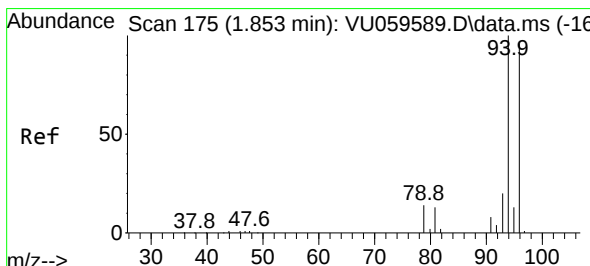
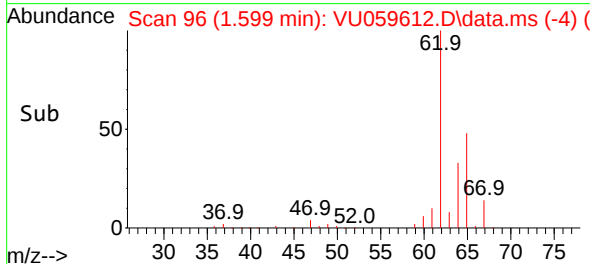
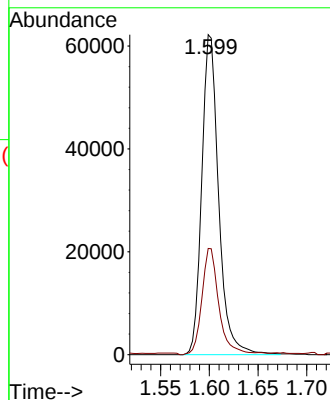
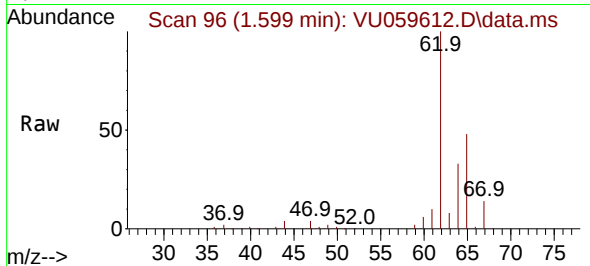
#5
 Vinyl chloride
 Concen: 4.792 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

Instrument :
 MSVOA_U
 Client Sample Id :
 JMRJ0MSD

Tgt Ion: 62 Resp: 74920
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9

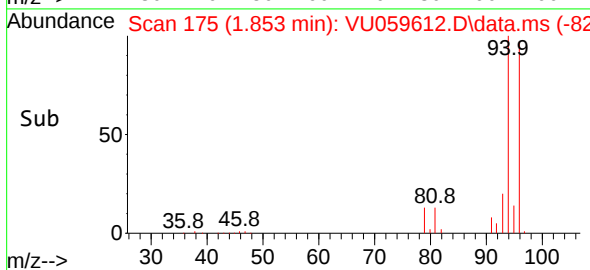
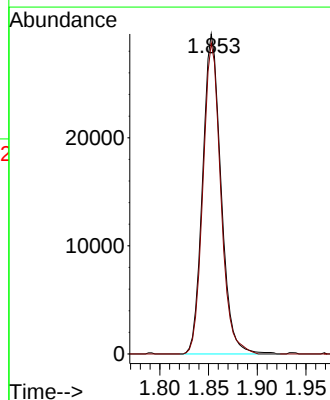
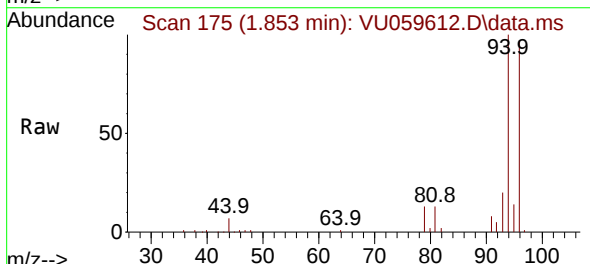
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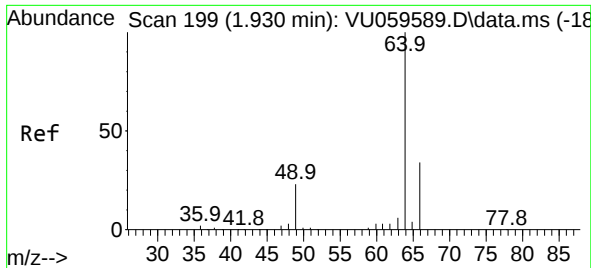
Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024



#6
 Bromomethane
 Concen: 3.577 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

Tgt Ion: 94 Resp: 38894
 Ion Ratio Lower Upper
 94 100
 96 97.2 62.9 116.9





#8

Chloroethane

Concen: 5.101 ug/L

RT: 1.927 min Scan# 199

Delta R.T. -0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

Tgt Ion: 64 Resp: 4806

Ion Ratio Lower Upper

64 100

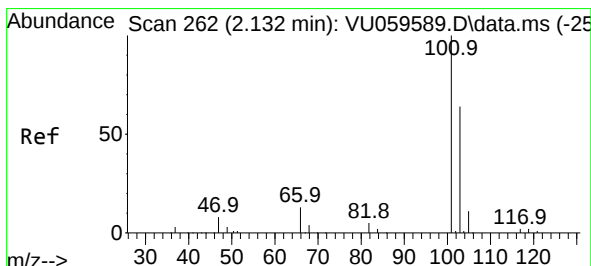
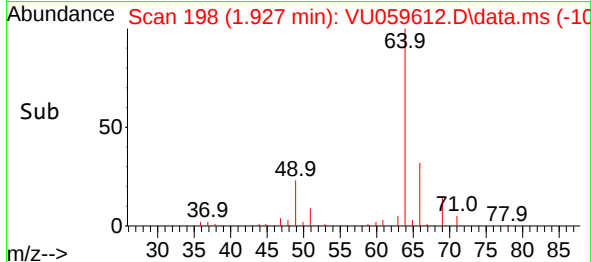
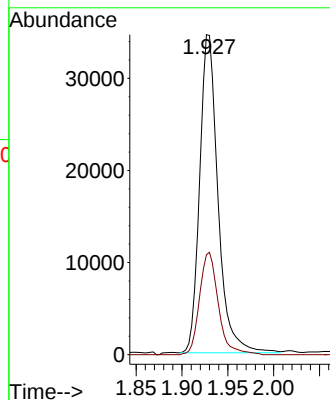
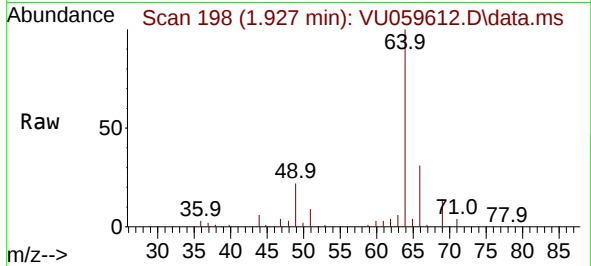
66 31.3 23.2 43.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/01/2024



#9

Trichlorofluoromethane

Concen: 4.857 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU059612.D

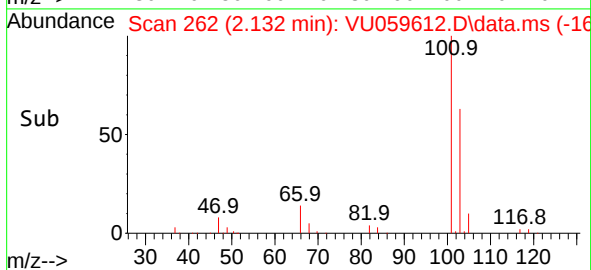
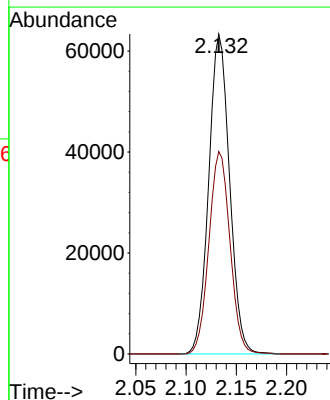
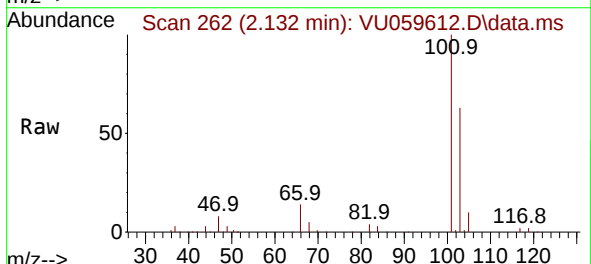
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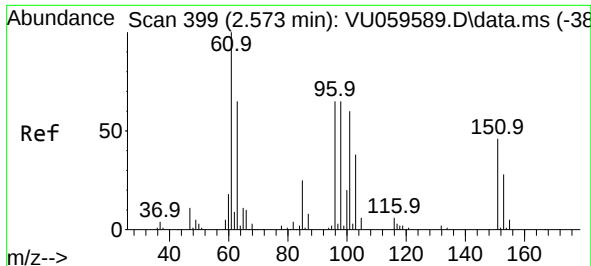
Tgt Ion:101 Resp: 91419

Ion Ratio Lower Upper

101 100

103 63.9 52.6 79.0





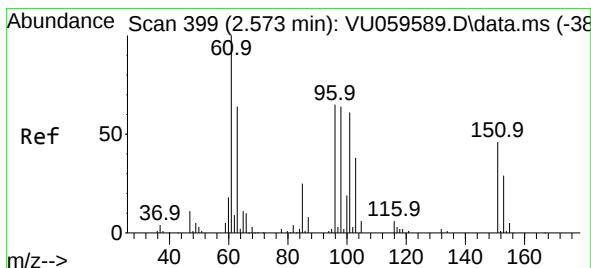
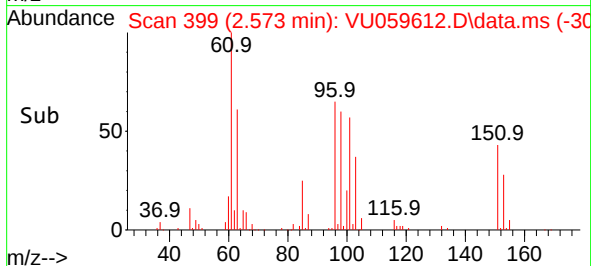
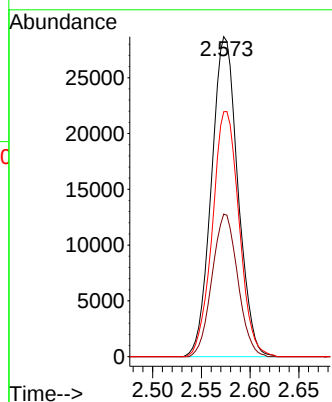
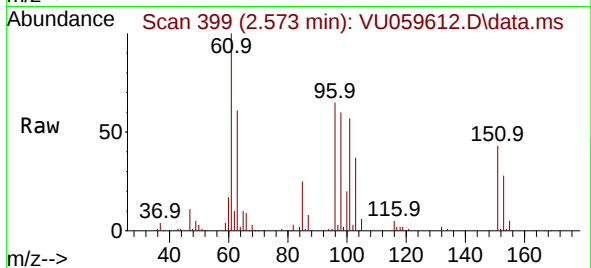
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.537 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD

Tgt Ion: 101 Resp: 54059
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.4
151 77.6 55.5 83.3

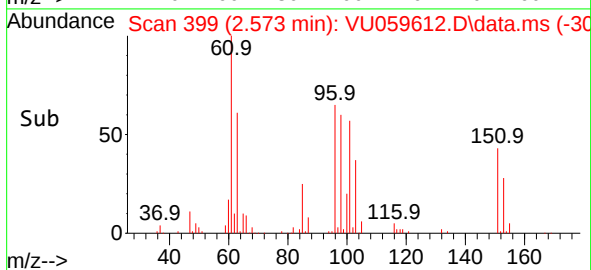
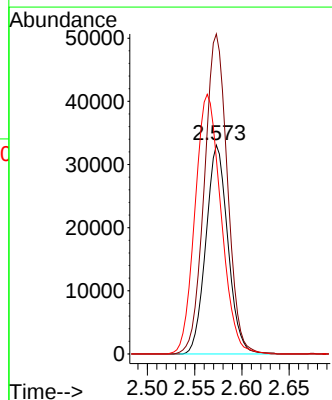
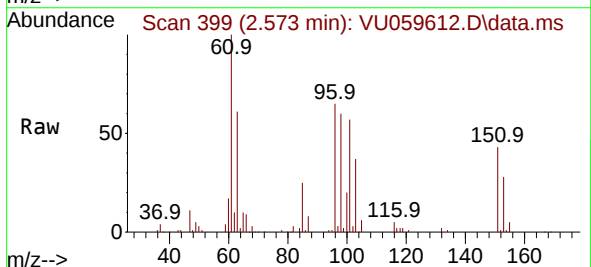
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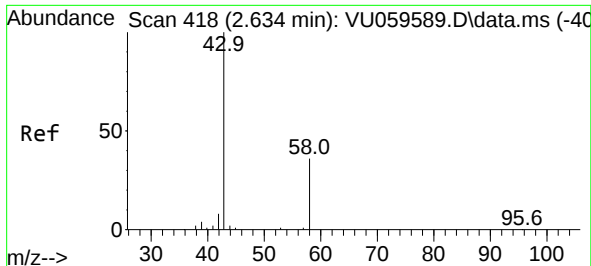
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#12
1,1-Dichloroethene
Concen: 4.858 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

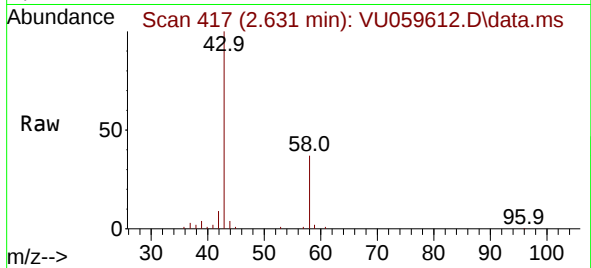
Tgt Ion: 96 Resp: 53478
Ion Ratio Lower Upper
96 100
61 153.3 122.9 228.3
63 93.4 80.4 149.4





#13
Acetone
Concen: 52.458 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

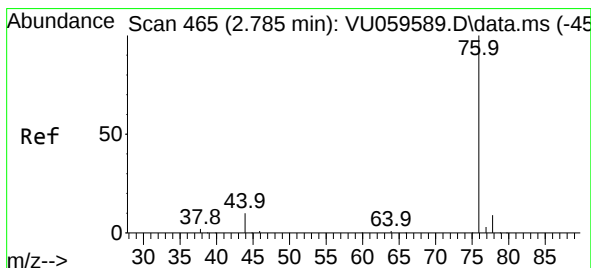
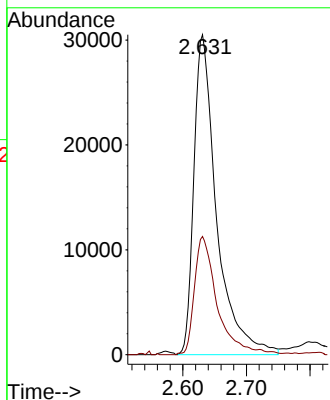
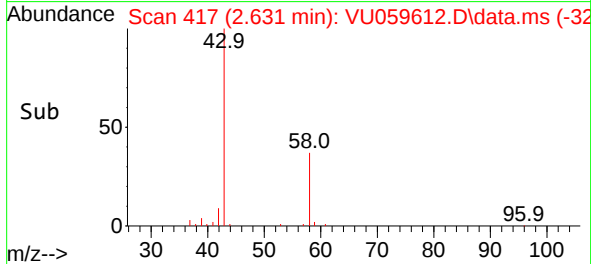
Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD



Tgt Ion: 43 Resp: 7564
Ion Ratio Lower Upper
43 100
58 36.2 0.0 68.0

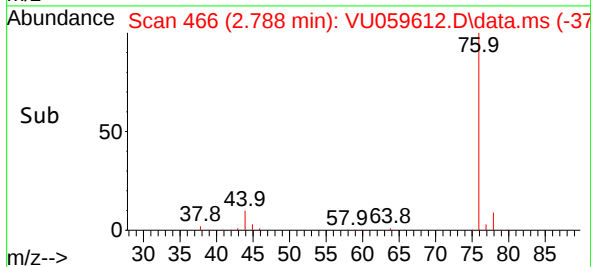
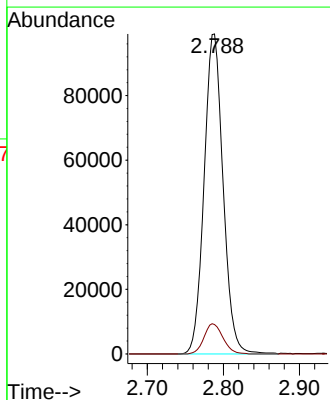
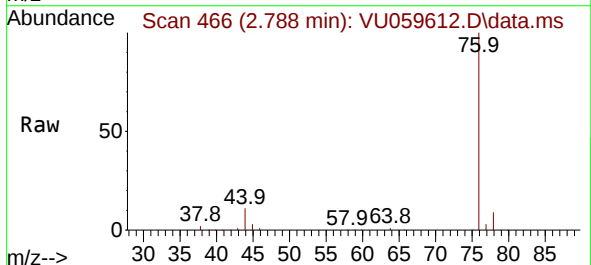
Manual Integrations
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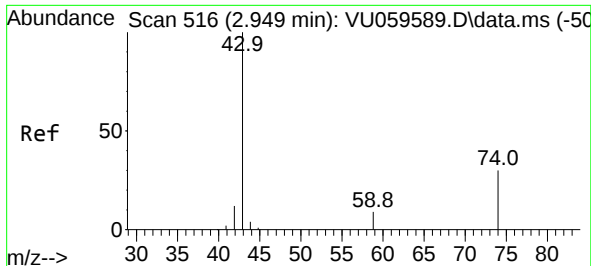
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#14
Carbon disulfide
Concen: 4.676 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

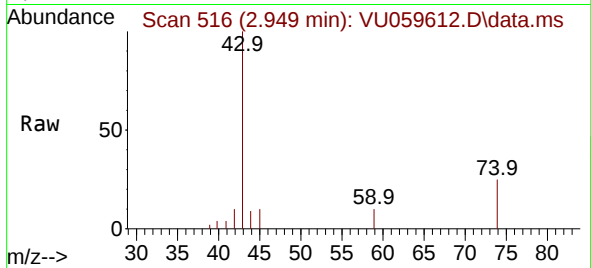
Tgt Ion: 76 Resp: 171725
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#15
Methyl Acetate
Concen: 3.500 ug/L m
RT: 2.949 min Scan# 516
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

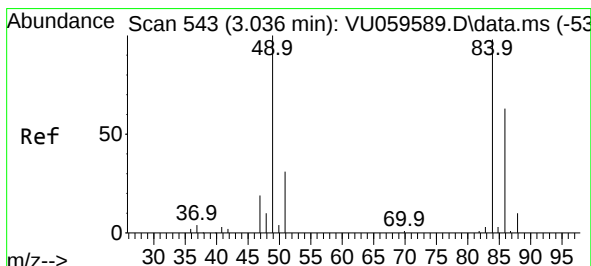
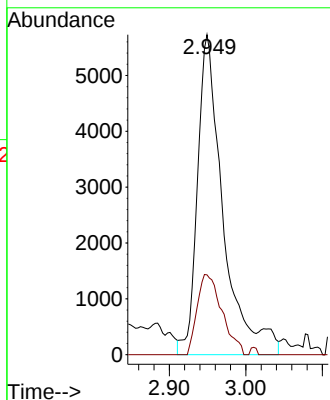
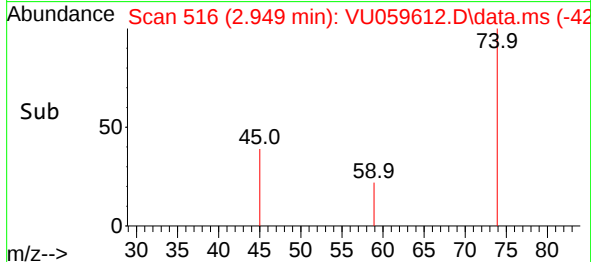
Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD



Tgt Ion: 43 Resp: 13318
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8

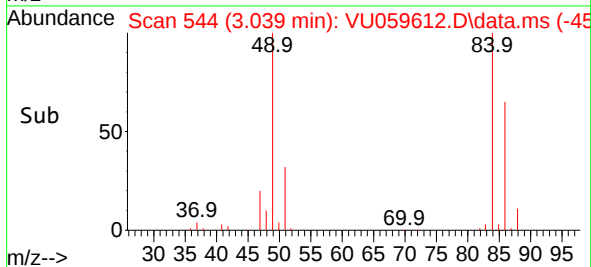
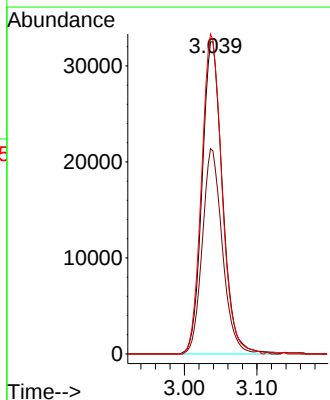
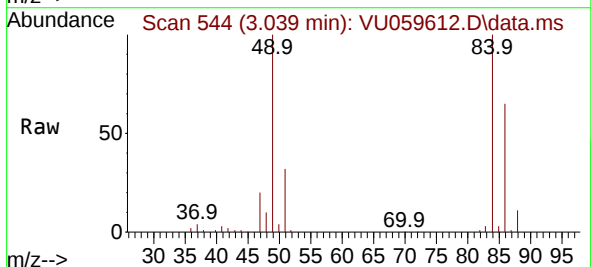
Manual Integrations
APPROVED

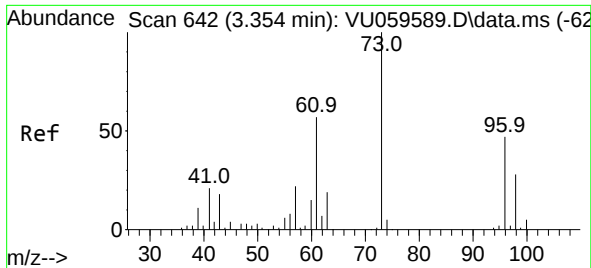
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#16
Methylene chloride
Concen: 4.876 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

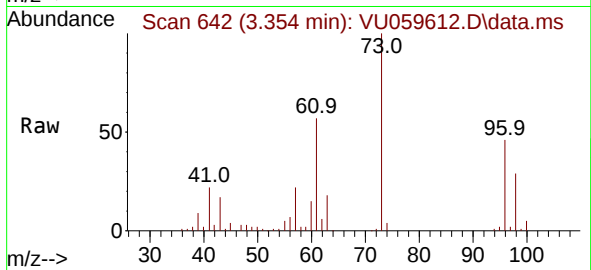
Tgt Ion: 84 Resp: 63605
Ion Ratio Lower Upper
84 100
86 65.1 42.1 78.1
49 100.5 80.6 149.8





#17
Methyl tert-butyl Ether
Concen: 5.074 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

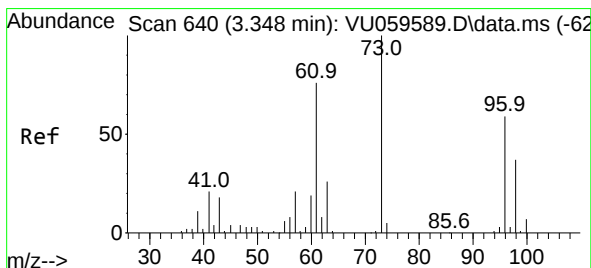
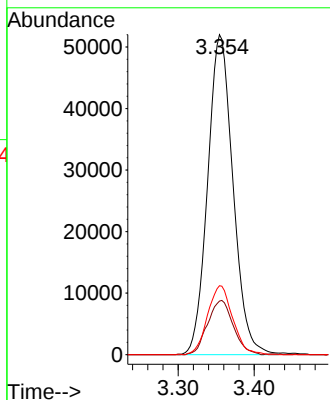
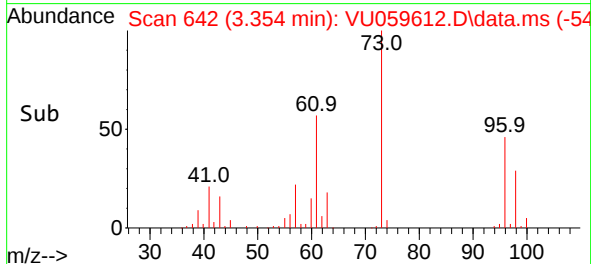
Instrument :
MSVOA_U
Client SampleId :
JMRJOMSD



Tgt Ion: 73 Resp: 120362
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 21.4 18.0 27.0

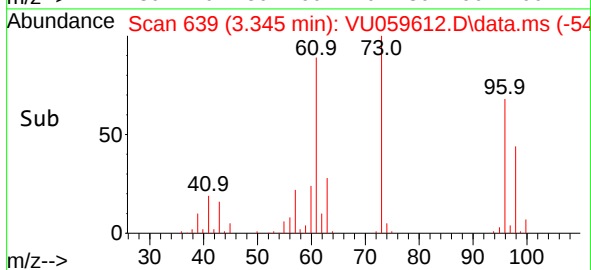
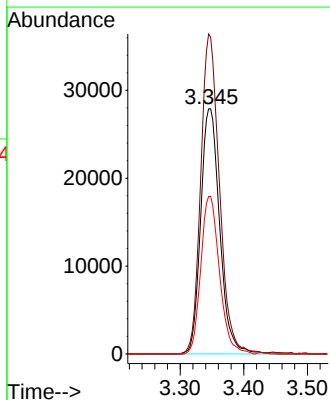
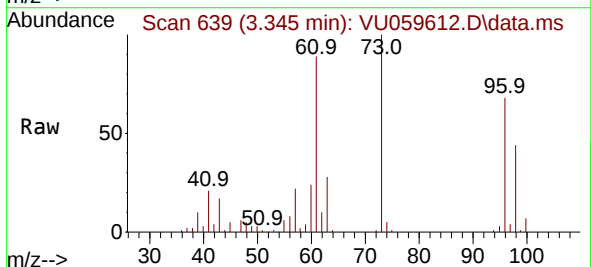
Manual Integrations
APPROVED

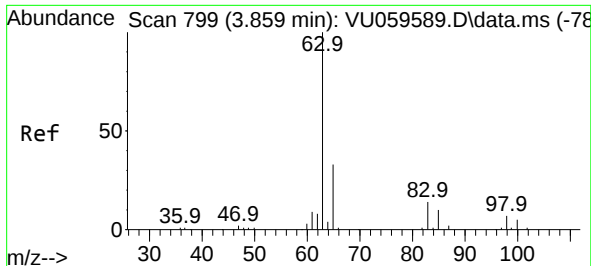
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#18
trans-1,2-Dichloroethene
Concen: 5.067 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 96 Resp: 58010
Ion Ratio Lower Upper
96 100
61 130.5 101.8 189.0
98 64.2 43.3 80.5





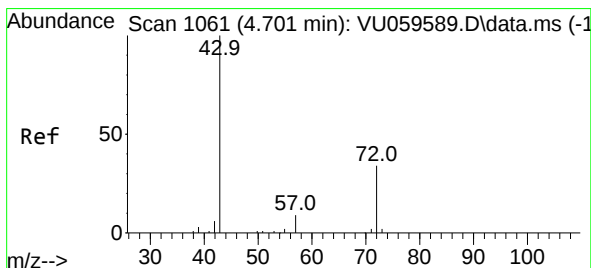
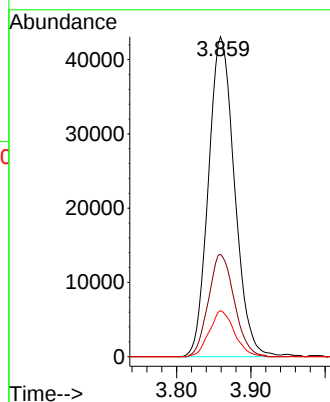
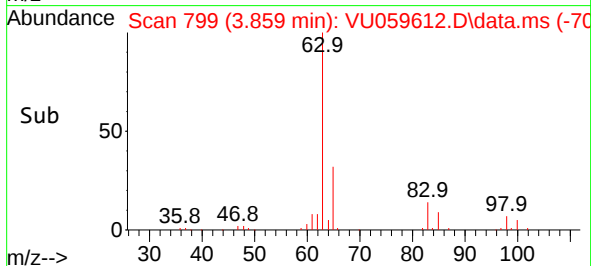
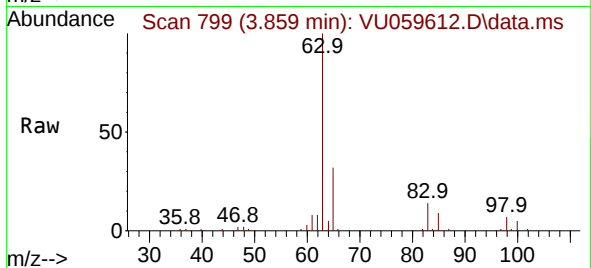
#19
1,1-Dichloroethane
Concen: 4.980 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD

Tgt Ion: 63 Resp: 10512
Ion Ratio Lower Upper
63 100
65 32.8 21.8 40.6
83 14.4 9.9 18.5

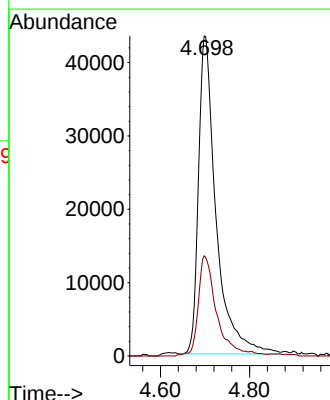
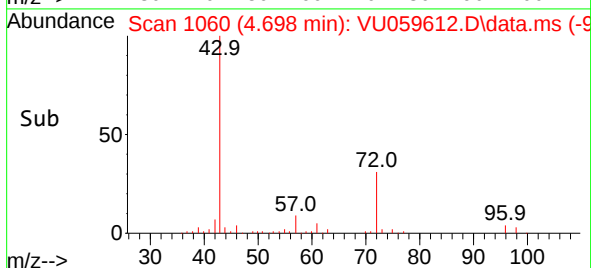
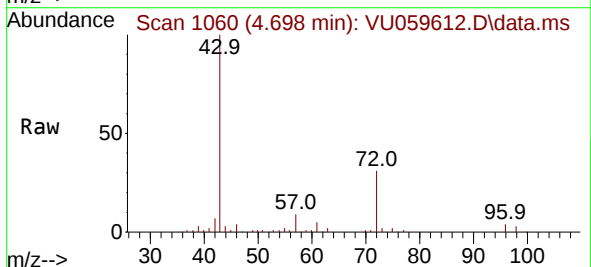
Manual Integrations
APPROVED

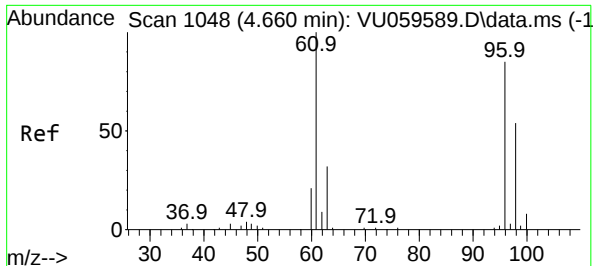
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#21
2-Butanone
Concen: 51.458 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

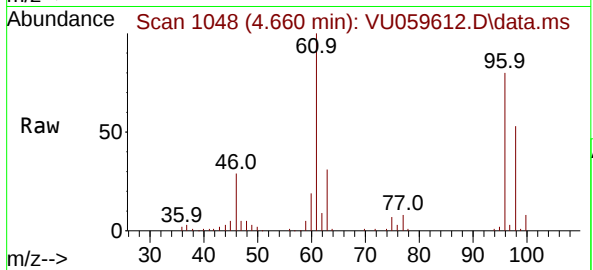
Tgt Ion: 43 Resp: 119020
Ion Ratio Lower Upper
43 100
72 32.2 13.8 41.4





#22
 cis-1,2-Dichloroethene
 Concen: 5.032 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

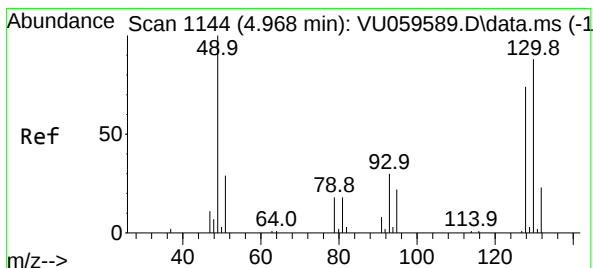
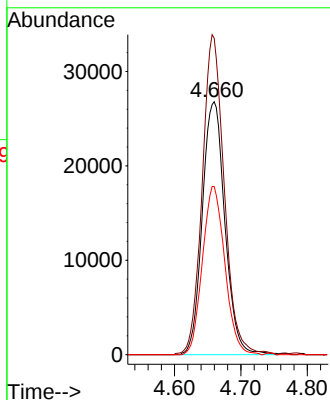
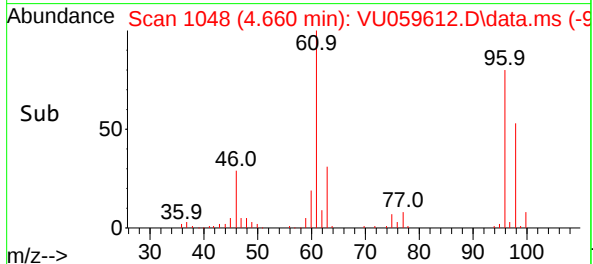
Instrument :
 MSVOA_U
 ClientSampleId :
 JMRJ0MSD



Tgt Ion: 96 Resp: 6349
 Ion Ratio Lower Upper
 96 100
 61 125.1 87.4 162.2
 98 66.5 42.3 78.5

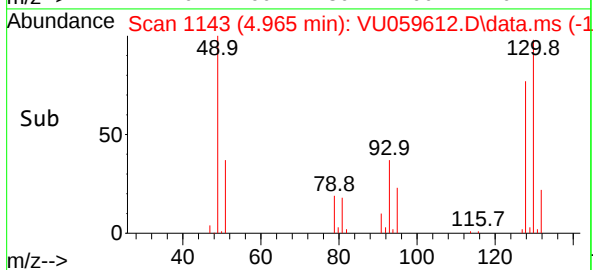
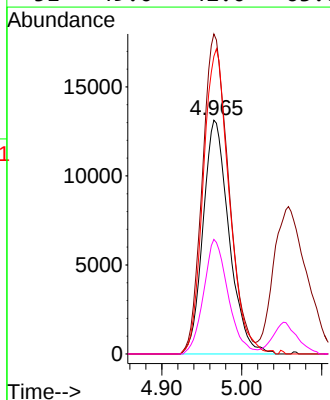
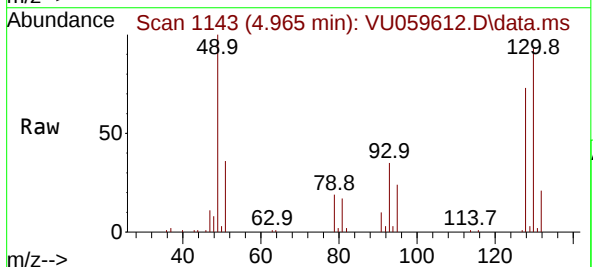
Manual Integrations
 APPROVED

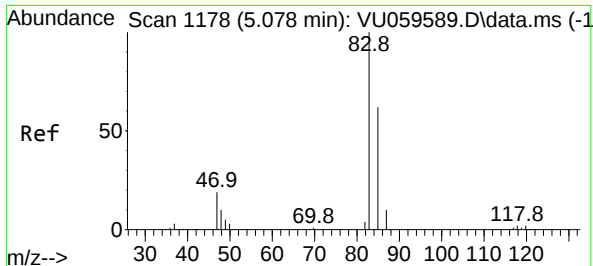
Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024



#23
 Bromochloromethane
 Concen: 5.147 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU059612.D
 Acq: 28 Jun 2024 11:21

Tgt Ion:128 Resp: 29611
 Ion Ratio Lower Upper
 128 100
 49 136.9 117.0 217.4
 130 127.3 89.6 166.4
 51 49.0 42.0 63.0





#25

Chloroform

Concen: 5.030 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

Tgt Ion: 83 Resp: 11184

Ion Ratio Lower Upper

83 100

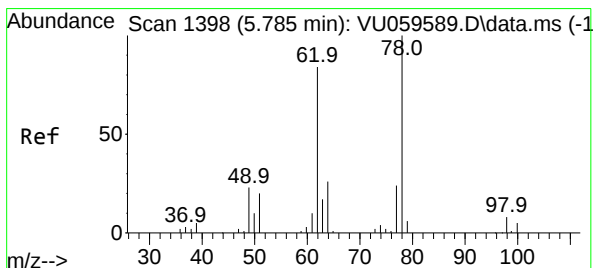
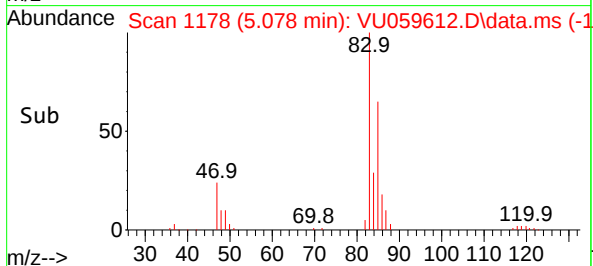
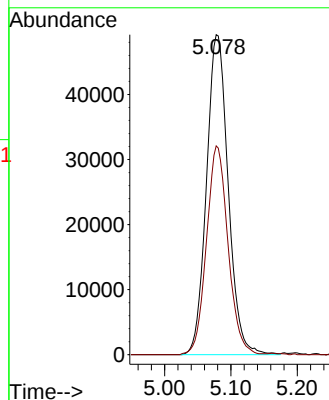
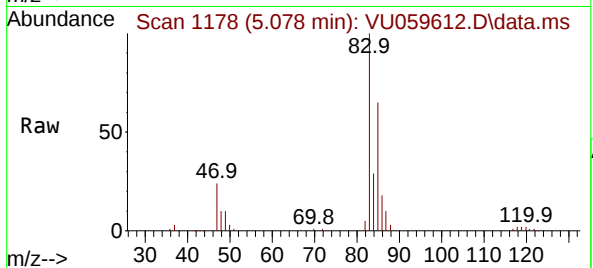
85 65.3 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024

Supervised By :Semsettin Yesilyurt 07/01/2024



#27

1,2-Dichloroethane

Concen: 5.089 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU059612.D

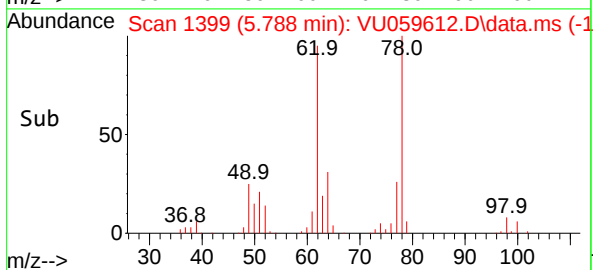
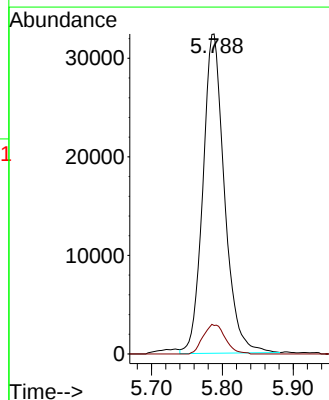
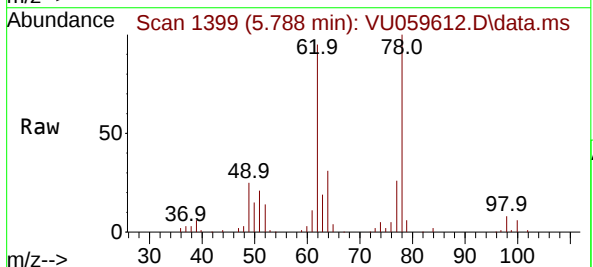
Acq: 28 Jun 2024 11:21

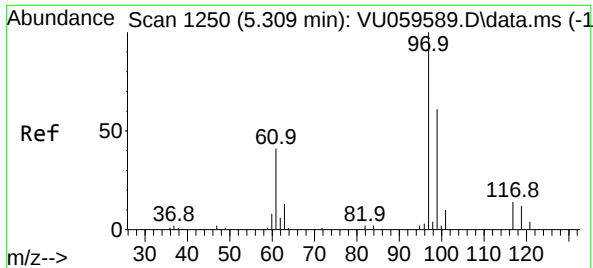
Tgt Ion: 62 Resp: 68565

Ion Ratio Lower Upper

62 100

98 8.9 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.002 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

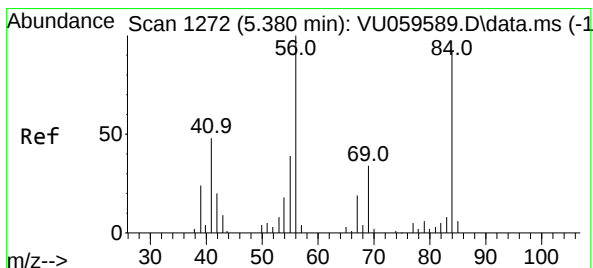
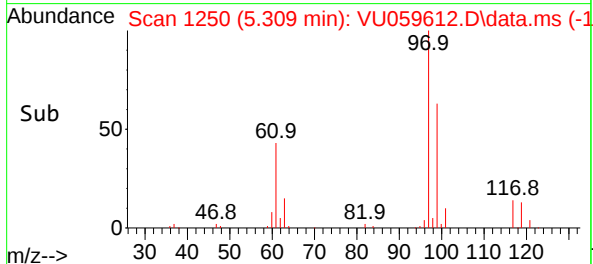
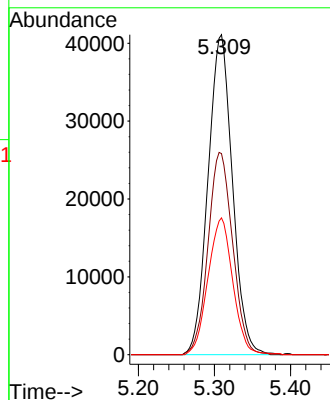
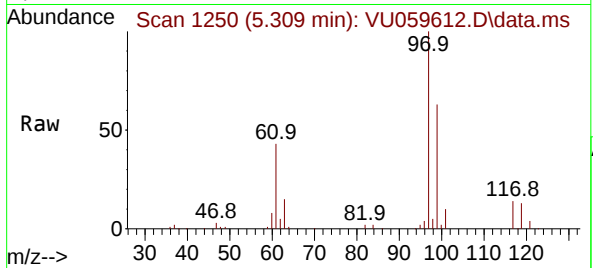
JMRJOMSD

Tgt Ion: 97	Resp: 9176
Ion Ratio	Lower Upper
97 100	
99 63.7	51.8 77.6
61 43.4	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#30

Cyclohexane

Concen: 4.626 ug/L

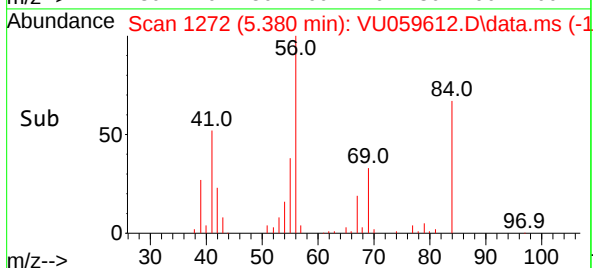
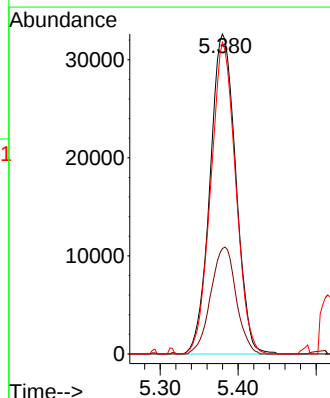
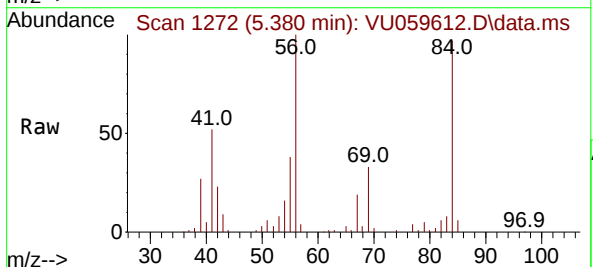
RT: 5.380 min Scan# 1272

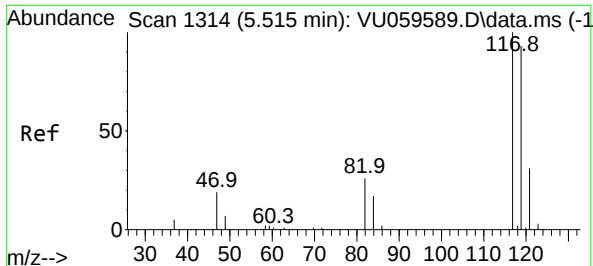
Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

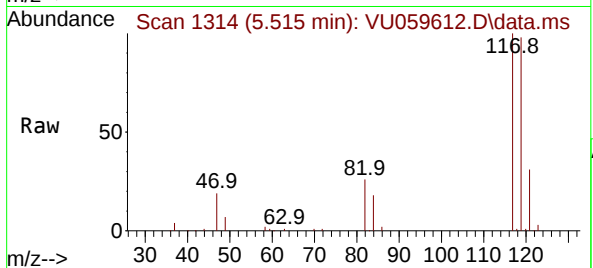
Tgt Ion: 56	Resp: 74926
Ion Ratio	Lower Upper
56 100	
69 32.9	24.8 37.2
84 94.1	69.8 104.8





#31
Carbon tetrachloride
Concen: 4.931 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

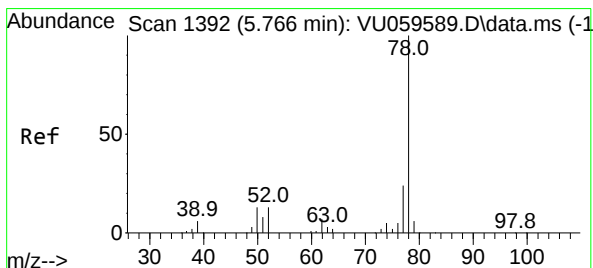
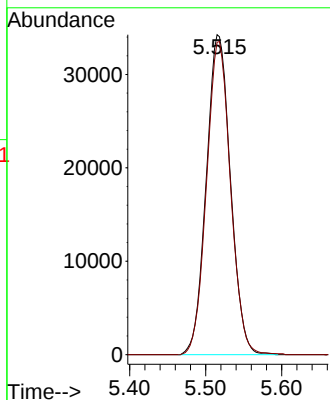
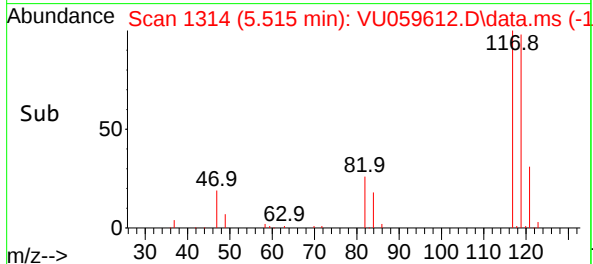
Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD



Tgt Ion:117 Resp: 75749
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3

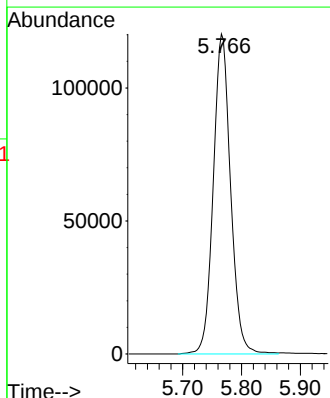
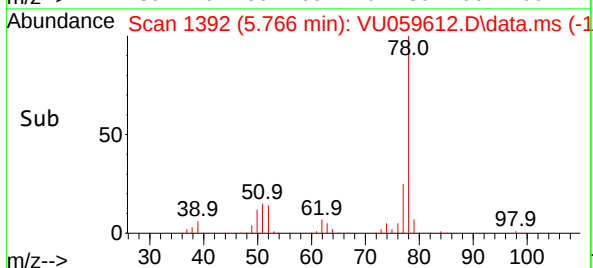
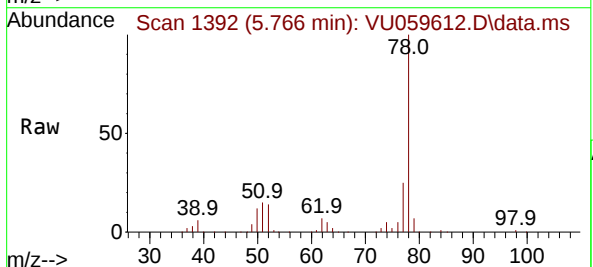
Manual Integrations
APPROVED

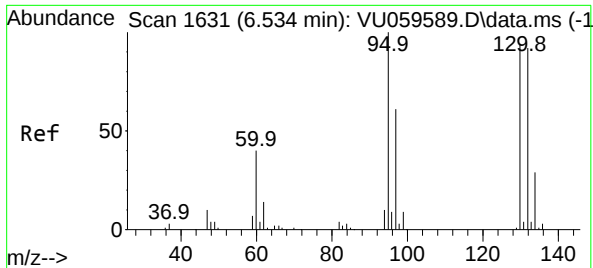
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#33
Benzene
Concen: 5.101 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

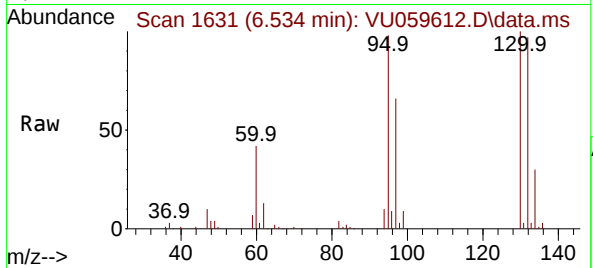
Tgt Ion: 78 Resp: 246118





#34
Trichloroethene
Concen: 4.725 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

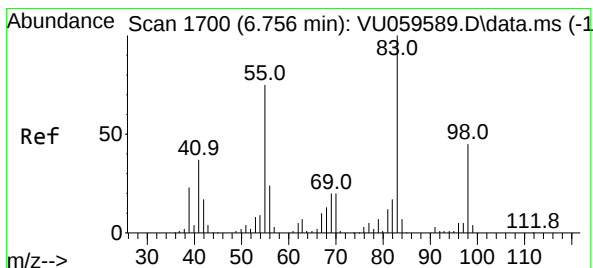
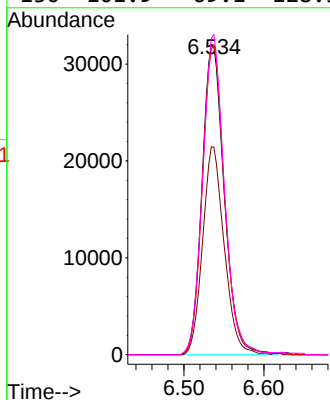
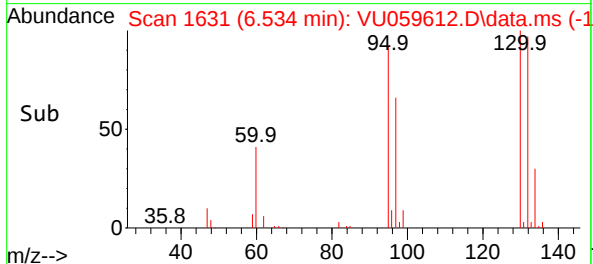
Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD



Tgt Ion: 95 Resp: 61742
Ion Ratio Lower Upper
95 100
97 67.0 45.3 84.1
132 98.5 64.0 119.0
130 101.9 69.1 128.3

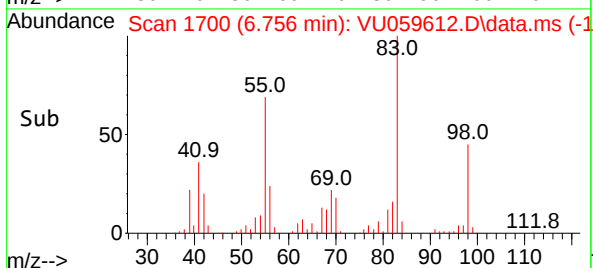
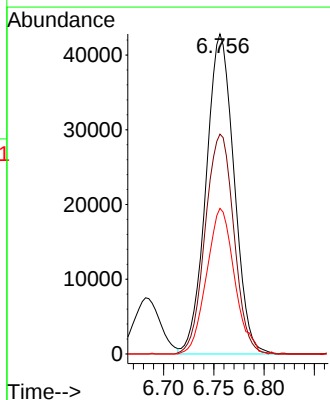
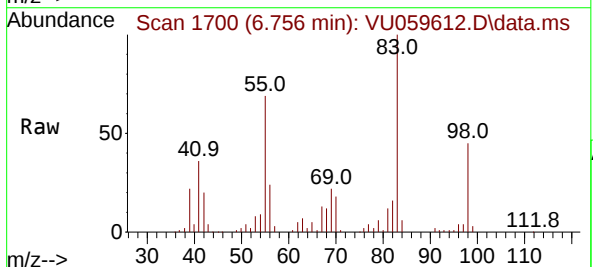
Manual Integrations
APPROVED

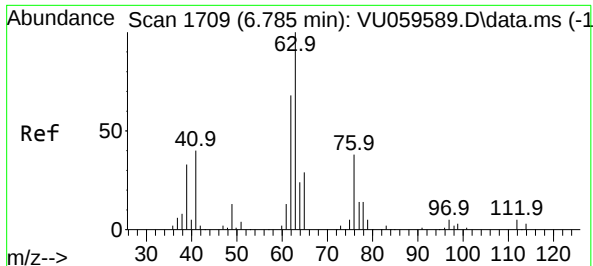
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#35
Methylcyclohexane
Concen: 4.456 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 83 Resp: 82847
Ion Ratio Lower Upper
83 100
55 70.3 62.7 94.1
98 45.4 35.4 53.0





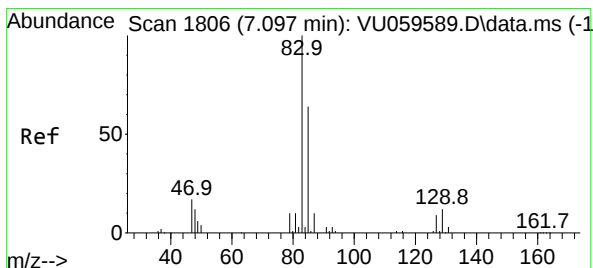
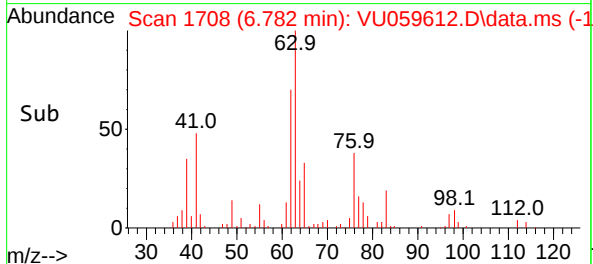
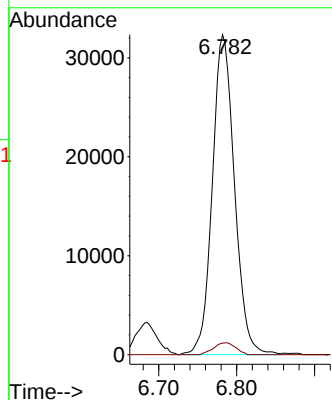
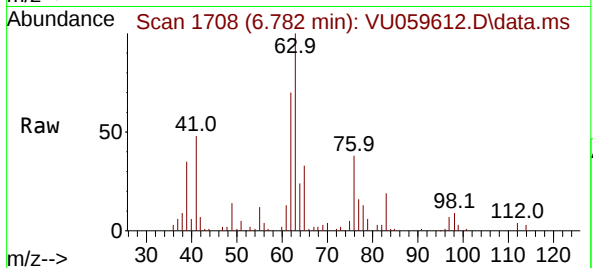
#37
1,2-Dichloropropane
Concen: 5.114 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD

Tgt Ion: 63 Resp: 63840
Ion Ratio Lower Upper
63 100
112 3.7 2.6 3.8

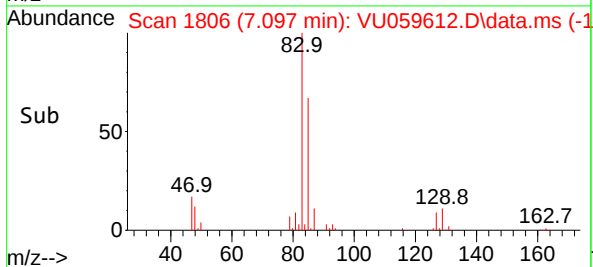
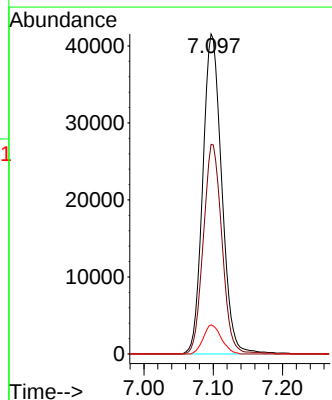
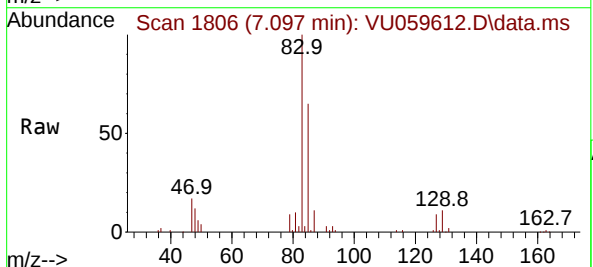
Manual Integrations
APPROVED

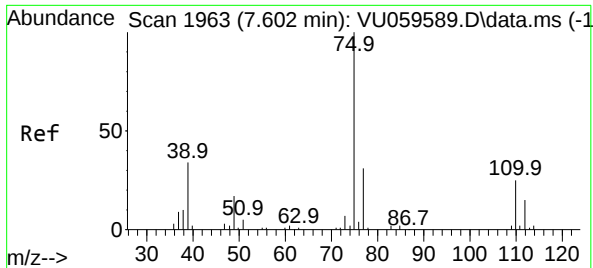
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#38
Bromodichloromethane
Concen: 5.058 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion: 83 Resp: 78833
Ion Ratio Lower Upper
83 100
85 65.5 42.7 79.3
127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.560 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

Tgt Ion: 75 Resp: 7785

Ion Ratio Lower Upper

75 100

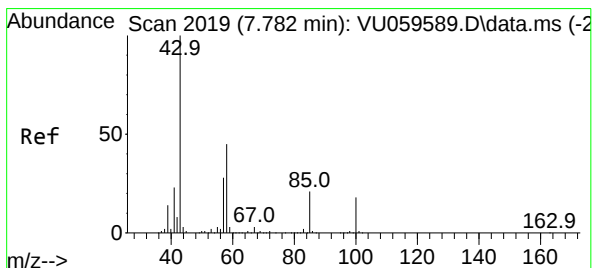
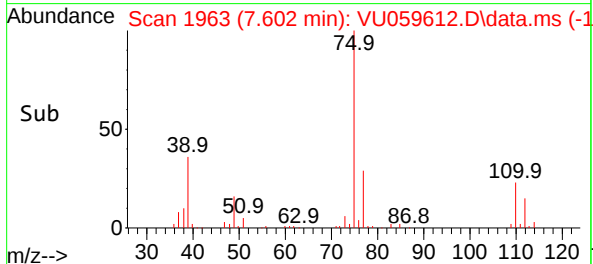
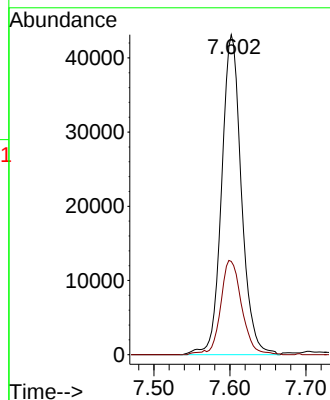
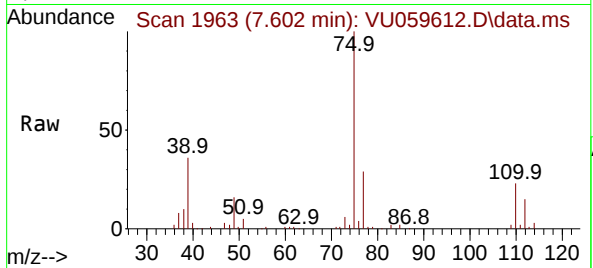
77 29.1 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024

Supervised By :Semsettin Yesilyurt 07/01/2024



#40

4-Methyl-2-pentanone

Concen: 51.889 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

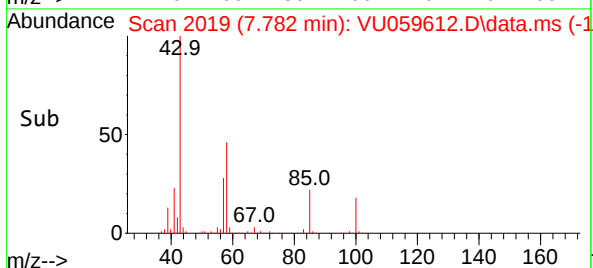
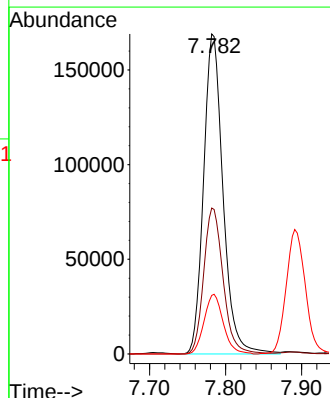
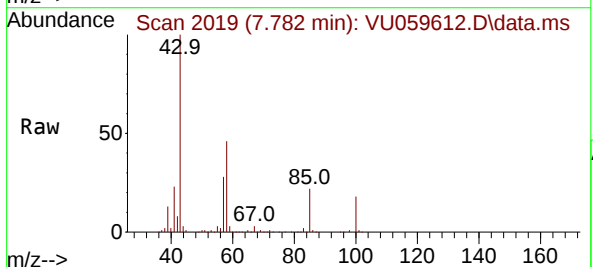
Tgt Ion: 43 Resp: 300204

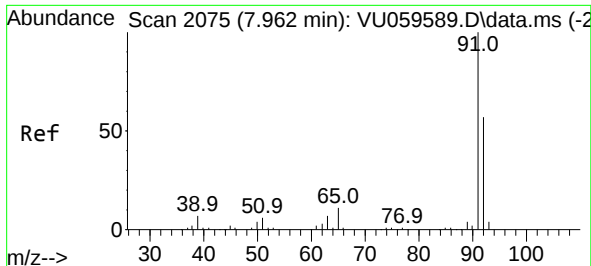
Ion Ratio Lower Upper

43 100

58 45.6 34.0 51.0

100 18.4 12.1 18.1#





#42

Toluene

Concen: 5.227 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJ0MSD

Tgt Ion: 91 Resp: 26700

Ion Ratio Lower Upper

91 100

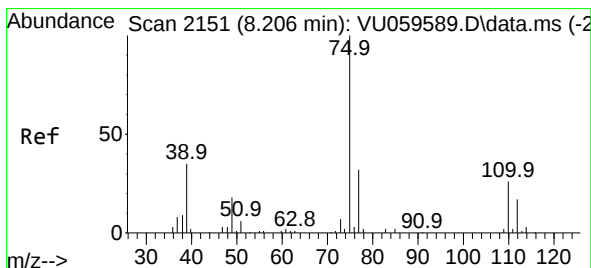
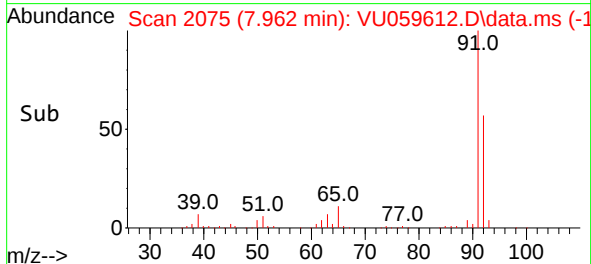
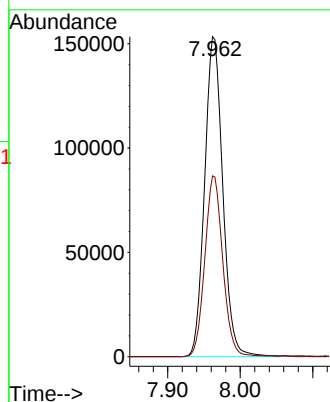
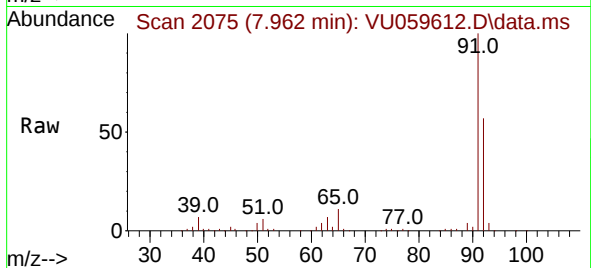
92 56.5 39.7 73.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024

Supervised By :Semsettin Yesilyurt 07/01/2024



#44

trans-1,3-Dichloropropene

Concen: 4.686 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059612.D

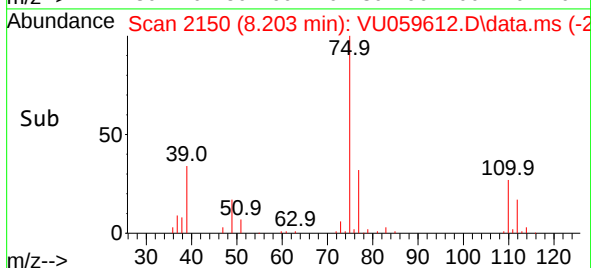
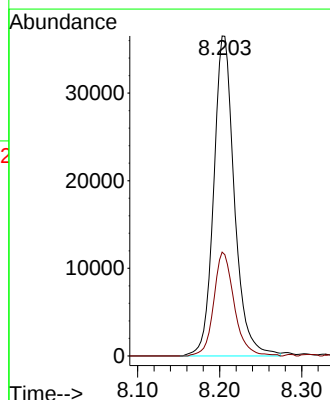
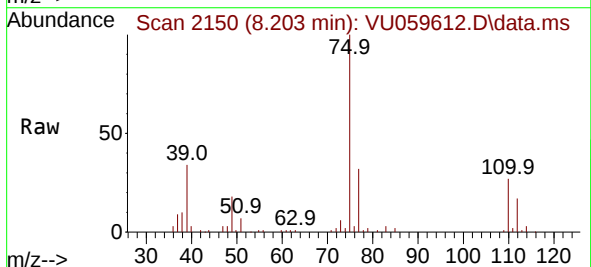
Acq: 28 Jun 2024 11:21

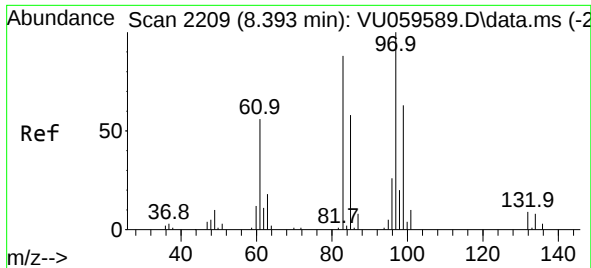
Tgt Ion: 75 Resp: 64216

Ion Ratio Lower Upper

75 100

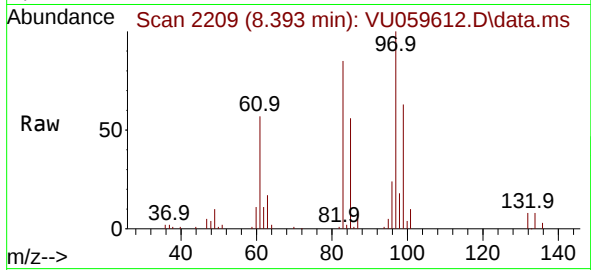
77 32.5 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 5.253 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

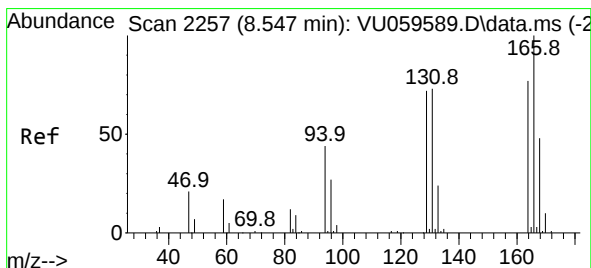
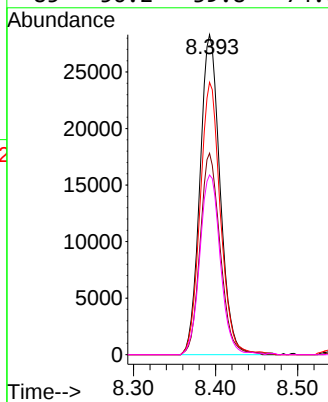
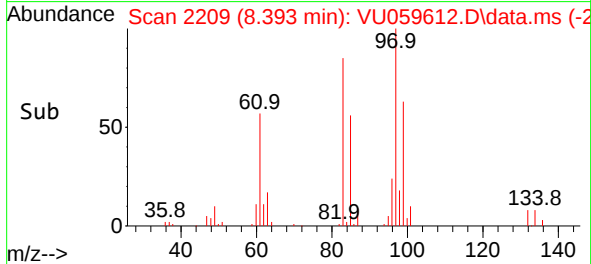
Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD



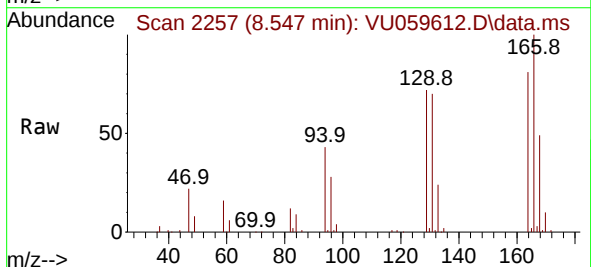
Tgt Ion: 97 Resp: 4833
Ion Ratio Lower Upper
97 100
99 63.0 43.3 80.3
83 85.1 62.3 115.7
85 56.2 39.8 74.0

Manual Integrations
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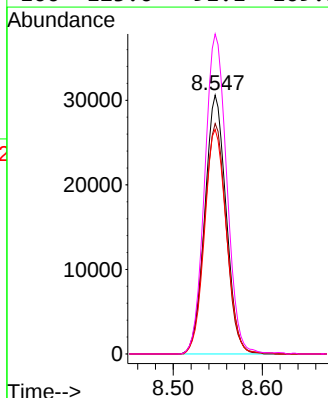
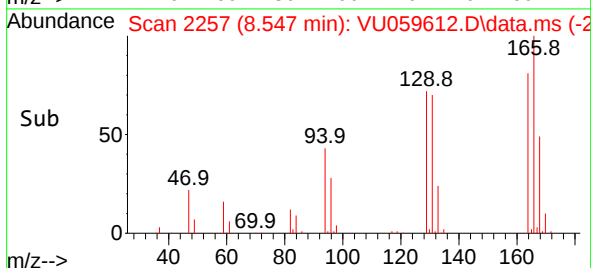
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

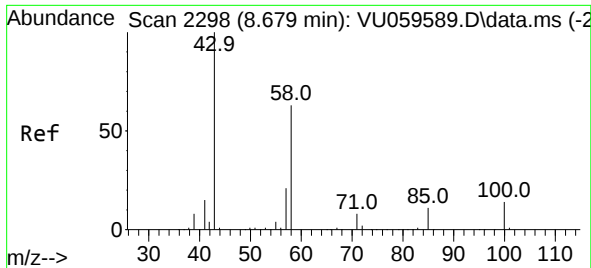


#47
Tetrachloroethene
Concen: 5.016 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21



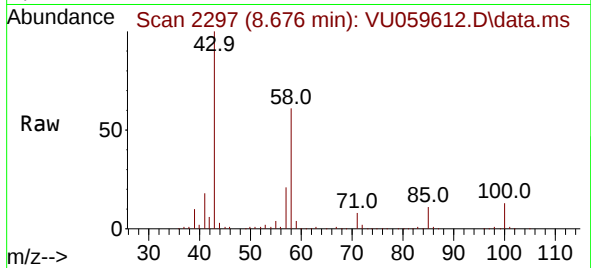
Tgt Ion:164 Resp: 50854
Ion Ratio Lower Upper
164 100
129 89.0 70.8 131.4
131 86.7 64.8 120.3
166 123.6 91.1 169.1





#48
2-Hexanone
Concen: 52.693 ug/L
RT: 8.676 min Scan# 21756
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

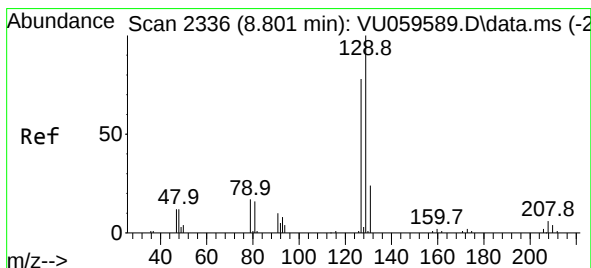
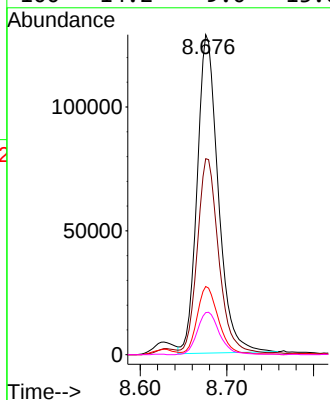
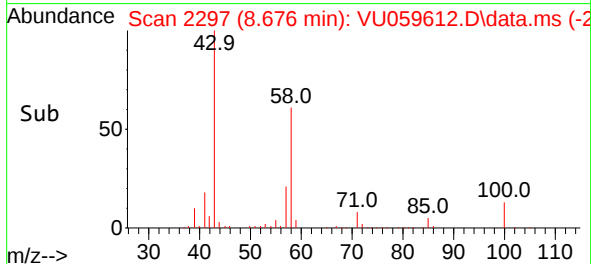
Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD



Tgt Ion: 43 Resp: 21756
Ion Ratio Lower Upper
43 100
58 61.8 46.1 69.1
57 22.1 15.5 23.3
100 14.2 9.0 13.6#

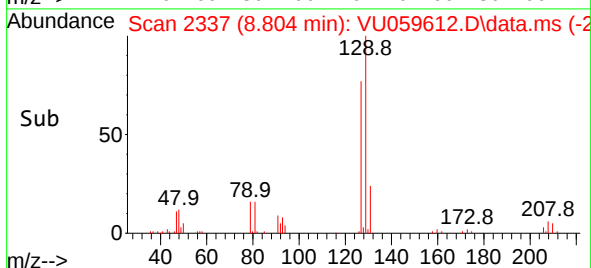
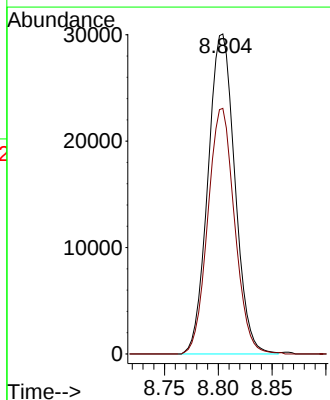
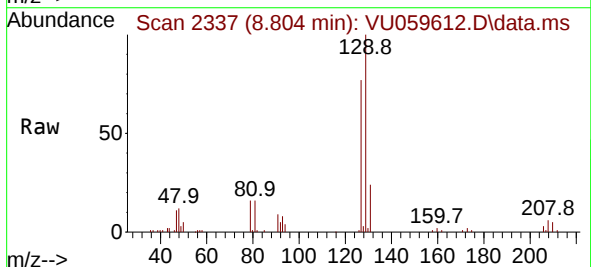
Manual Integrations
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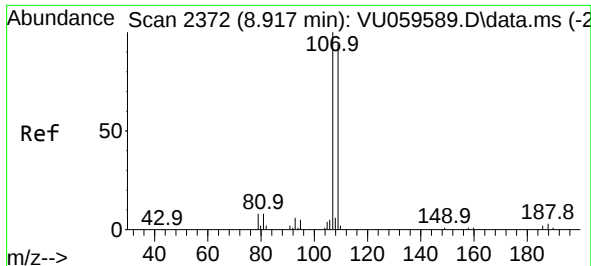
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#49
Dibromochloromethane
Concen: 5.142 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

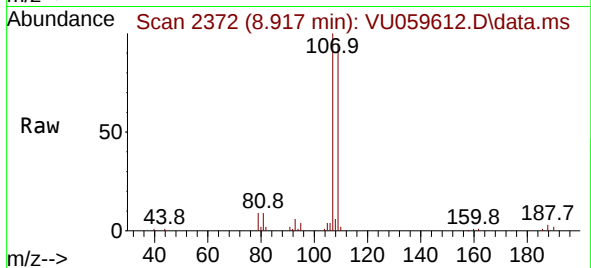
Tgt Ion:129 Resp: 52410
Ion Ratio Lower Upper
129 100
127 76.8 52.5 97.5





#50
1,2-Dibromoethane
Concen: 5.366 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

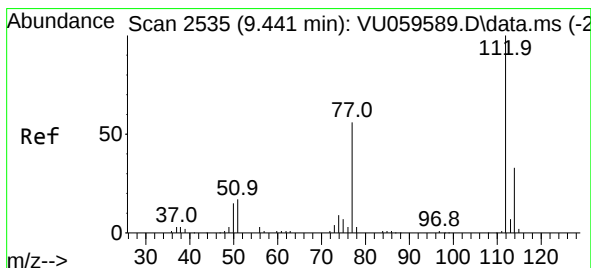
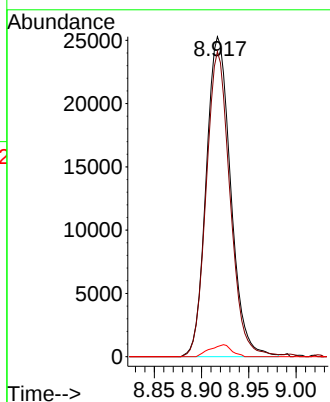
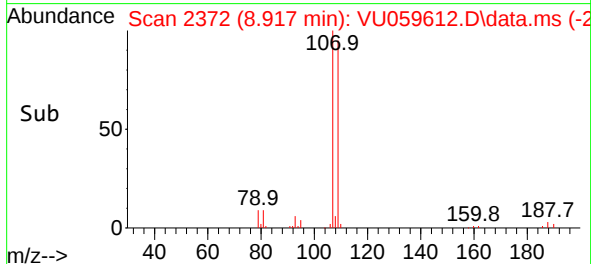
Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD



Tgt Ion:107 Resp: 45594
Ion Ratio Lower Upper
107 100
109 95.3 66.9 124.3
188 3.1 2.7 4.1

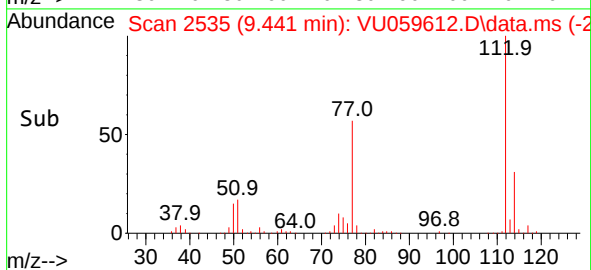
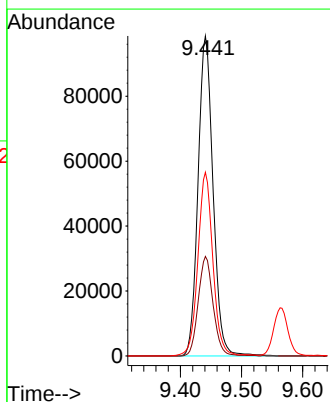
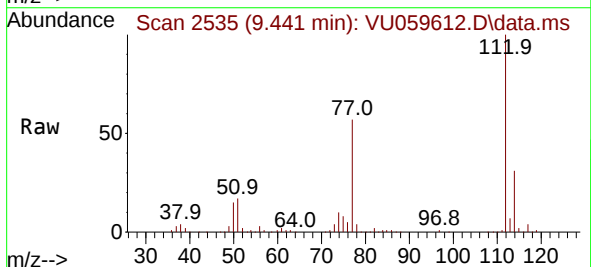
Manual Integrations
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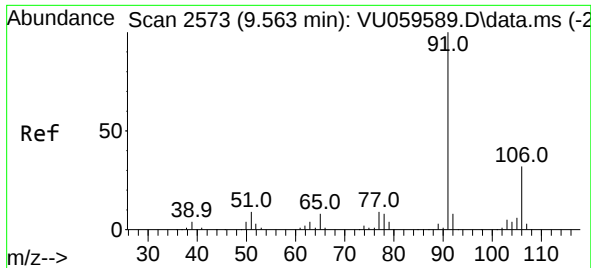
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#51
Chlorobenzene
Concen: 5.184 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:112 Resp: 167956
Ion Ratio Lower Upper
112 100
114 31.1 22.4 41.6
77 57.4 49.1 73.7





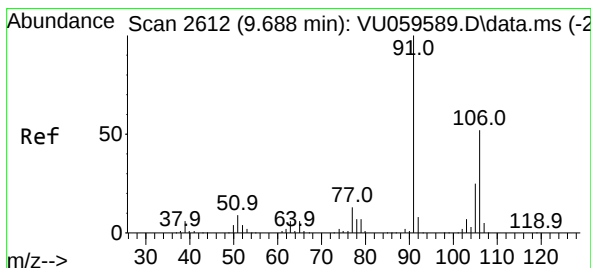
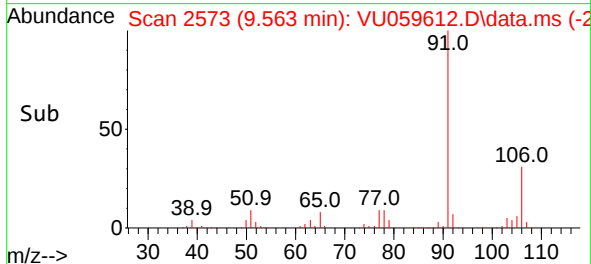
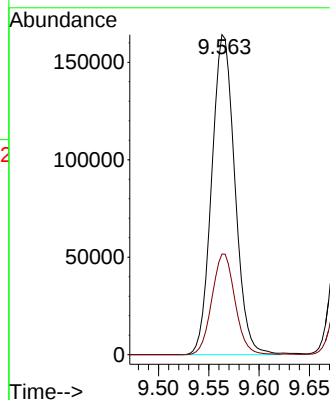
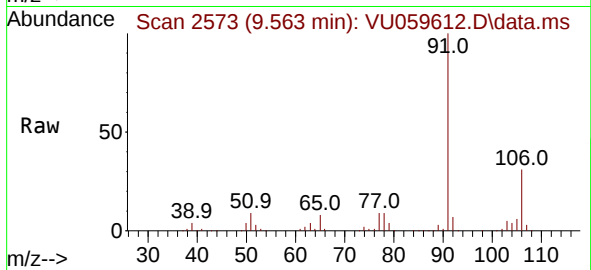
#52
Ethylbenzene
Concen: 5.014 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD

Tgt Ion: 91 Resp: 26275
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7

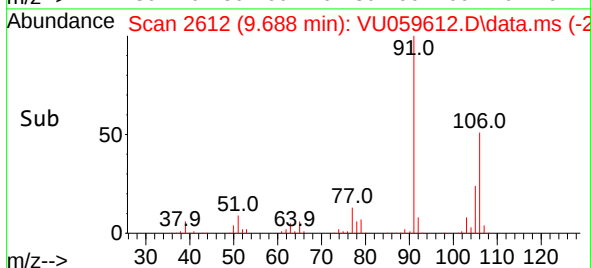
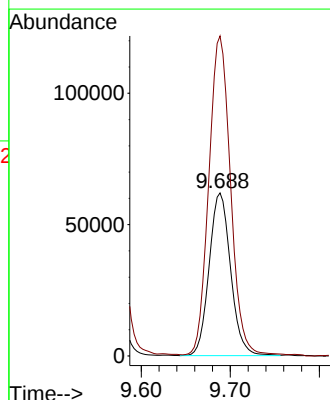
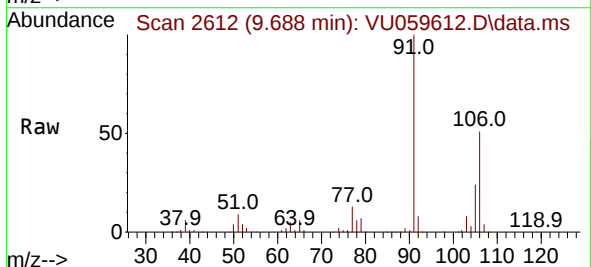
Manual Integrations
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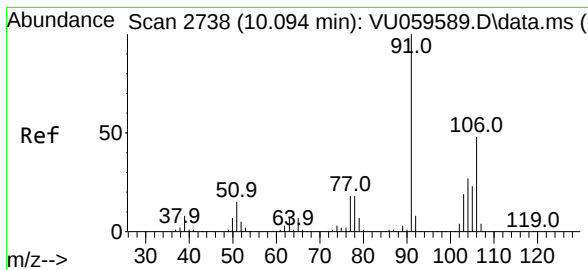
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#53
m,p-Xylene
Concen: 5.136 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:106 Resp: 103363
Ion Ratio Lower Upper
106 100
91 196.2 142.0 263.8





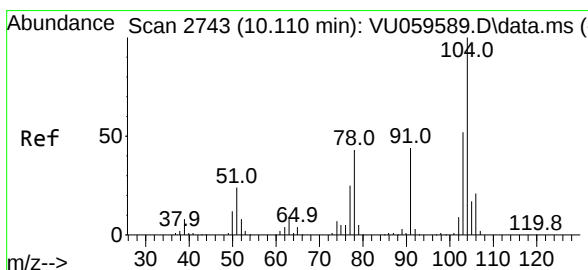
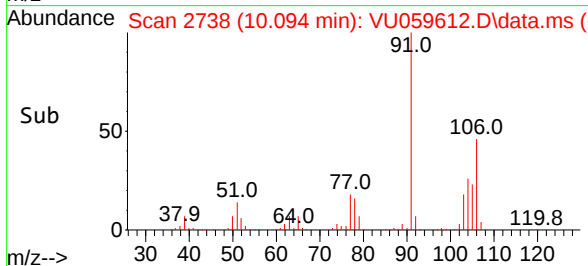
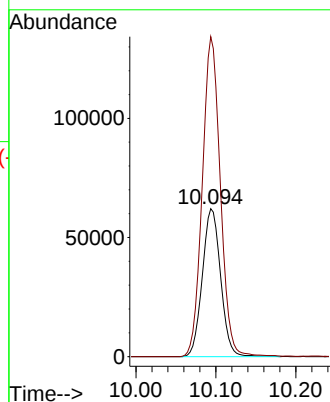
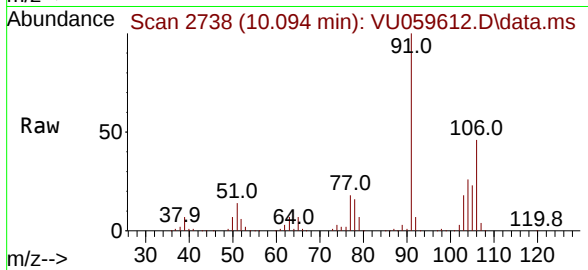
#54
o-Xylene
Concen: 5.188 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD

Tgt Ion:106 Resp: 9908
Ion Ratio Lower Upper
106 100
91 216.2 151.6 281.6

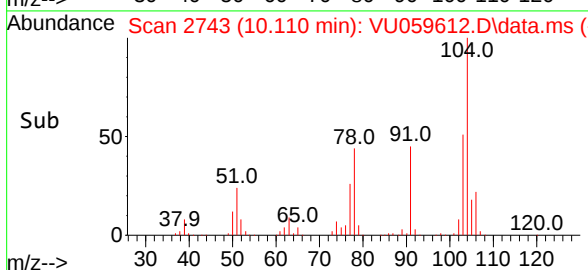
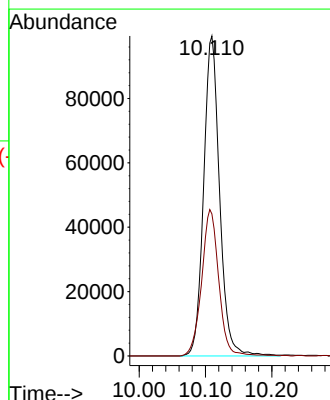
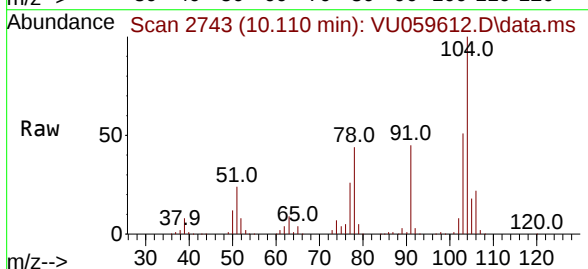
Manual Integrations
APPROVED

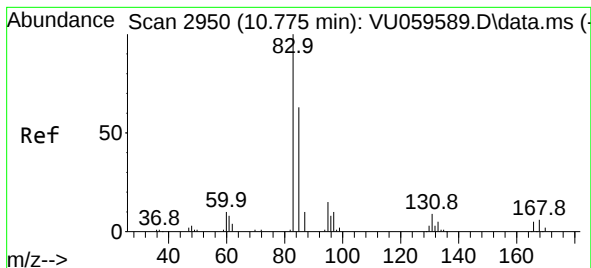
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#55
Styrene
Concen: 5.113 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:104 Resp: 166227
Ion Ratio Lower Upper
104 100
78 44.4 32.3 60.1





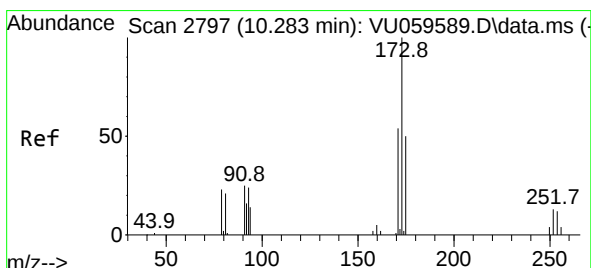
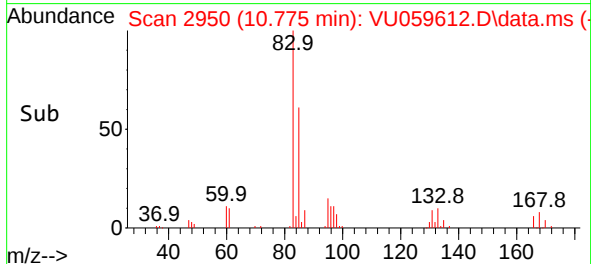
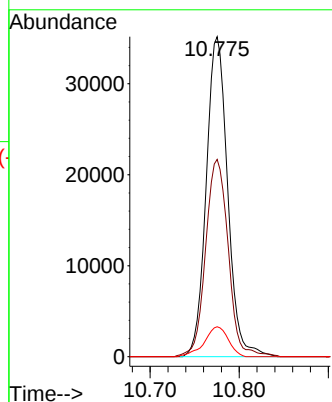
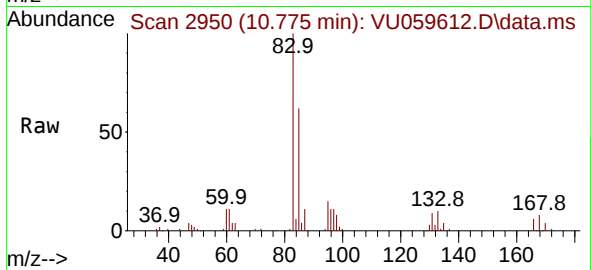
#57
1,1,2,2-Tetrachloroethane
Concen: 5.265 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument : MSVOA_U
ClientSampleId : JMRJOMSD

Tgt Ion: 83 Resp: 5876
Ion Ratio Lower Upper
83 100
85 61.6 44.7 82.9
131 9.4 6.9 10.3

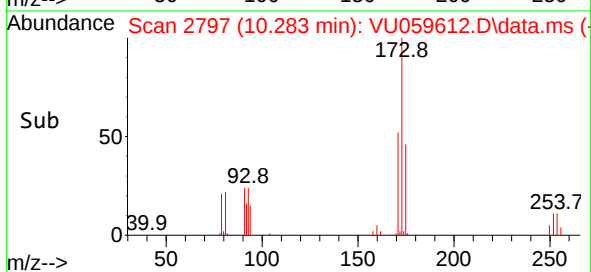
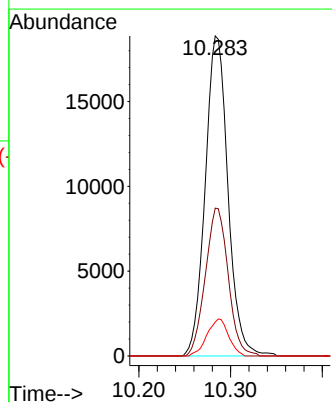
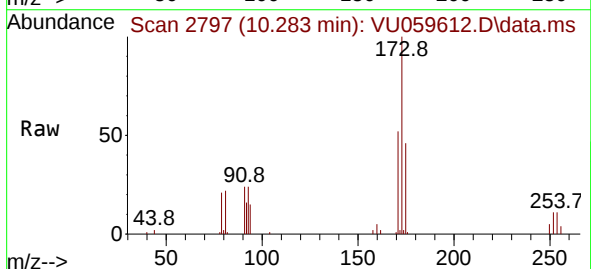
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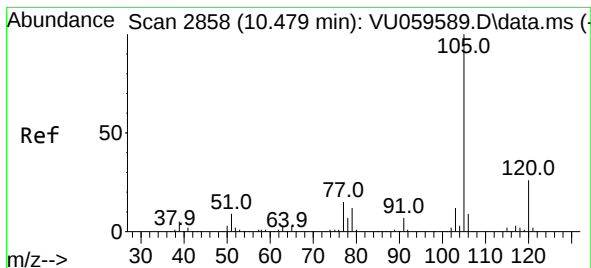
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#59
Bromoform
Concen: 5.146 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:173 Resp: 32507
Ion Ratio Lower Upper
173 100
175 46.4 39.4 59.2
254 10.9 7.4 11.2





#60

Isopropylbenzene

Concen: 5.060 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

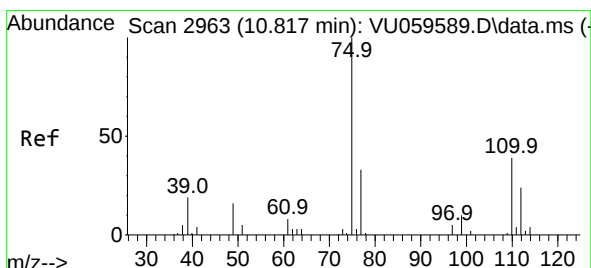
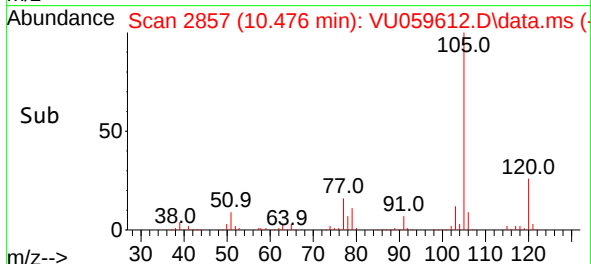
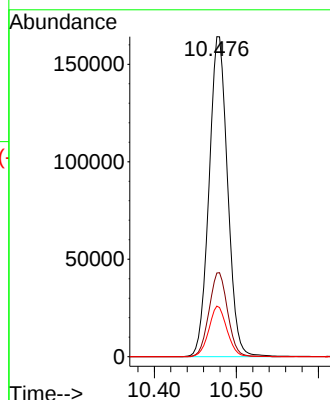
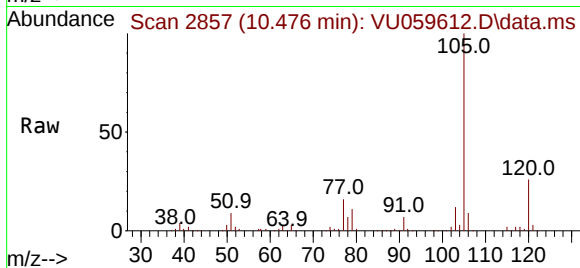
Tgt Ion:105 Resp: 25798

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	31.0
77	15.4	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#61

1,2,3-Trichloropropane

Concen: 5.039 ug/L

RT: 10.817 min Scan# 2963

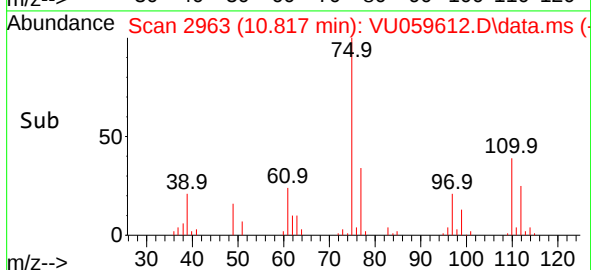
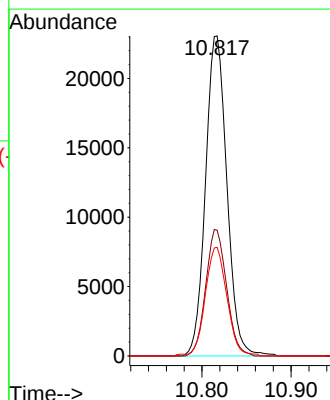
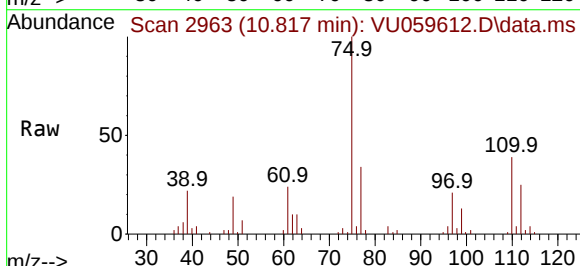
Delta R.T. -0.000 min

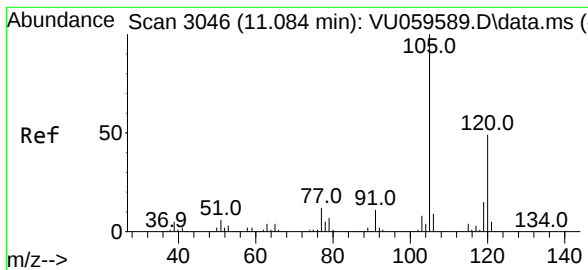
Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Tgt Ion: 75 Resp: 38435

Ion	Ratio	Lower	Upper
75	100		
110	38.6	27.1	40.7
77	34.1	25.4	38.2





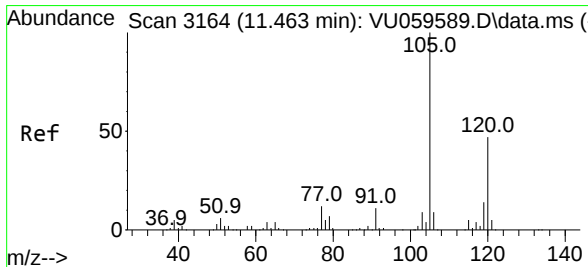
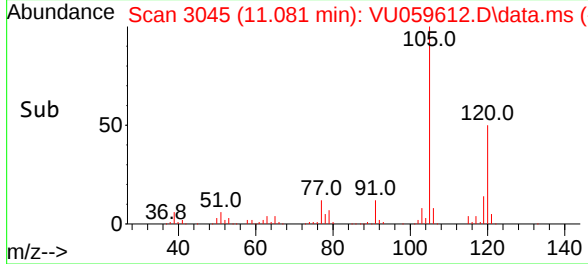
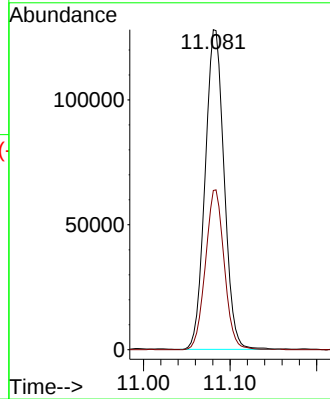
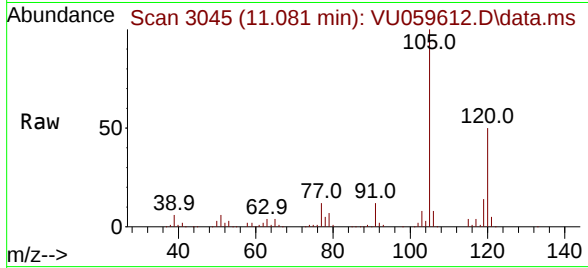
#62
1,3,5-Trimethylbenzene
Concen: 4.830 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument : MSVOA_U
ClientSampleId : JMRJ0MSD

Tgt Ion:105 Resp: 195095
Ion Ratio Lower Upper
105 100
120 49.4 38.2 57.4

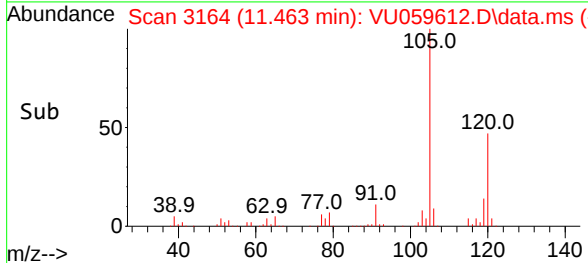
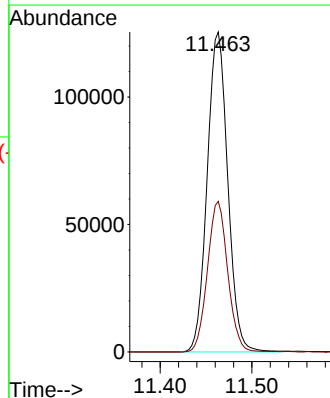
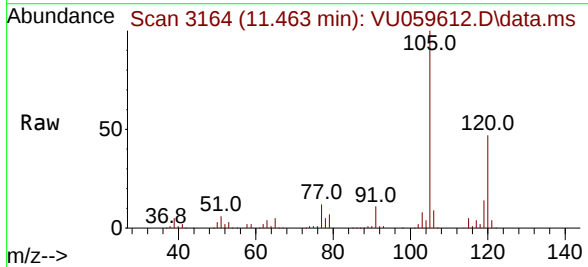
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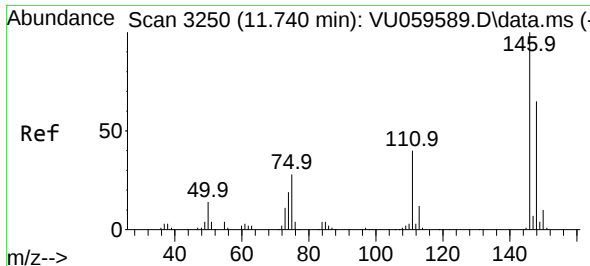
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#63
1,2,4-Trimethylbenzene
Concen: 5.058 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

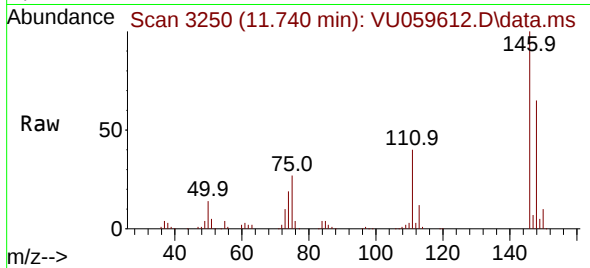
Tgt Ion:105 Resp: 195335
Ion Ratio Lower Upper
105 100
120 46.5 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

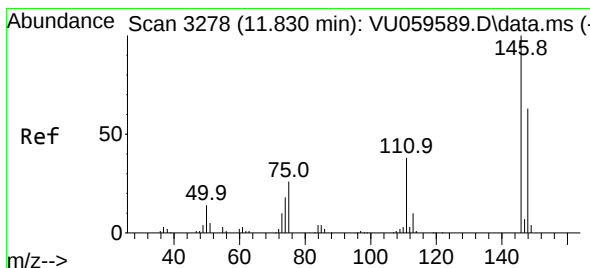
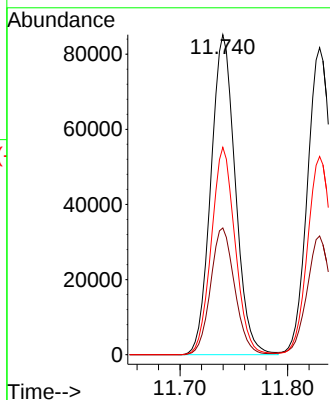
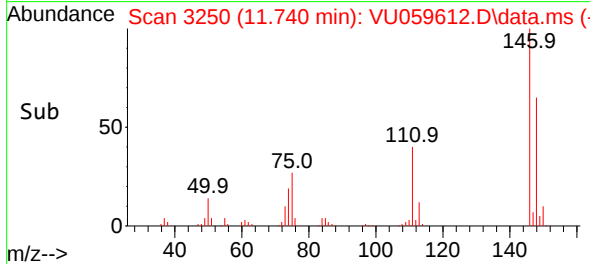
Instrument :
MSVOA_U
ClientSampleId :
JMRJ0MSD



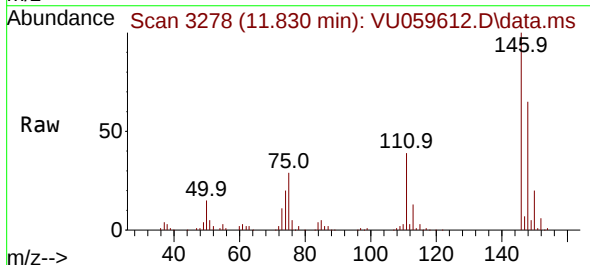
Tgt Ion:146 Resp: 13447
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 64.8 45.0 83.6

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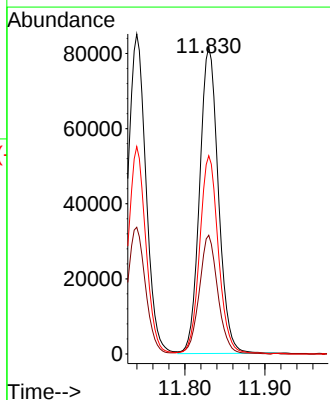
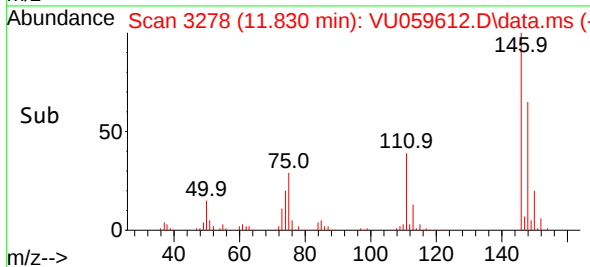
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

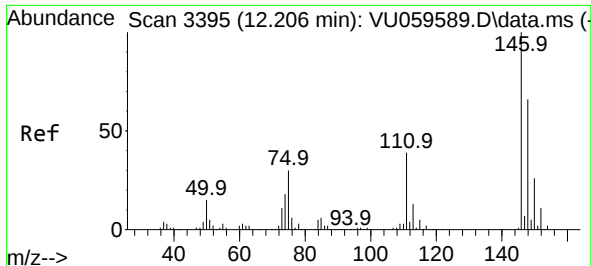


#65
1,4-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21



Tgt Ion:146 Resp: 133277
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 64.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.088 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

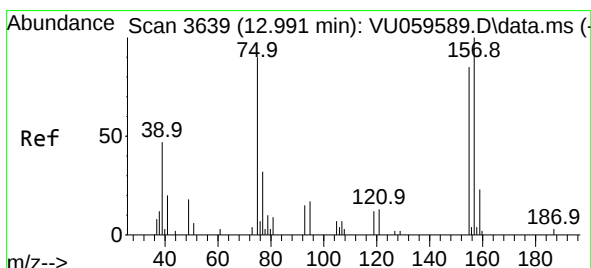
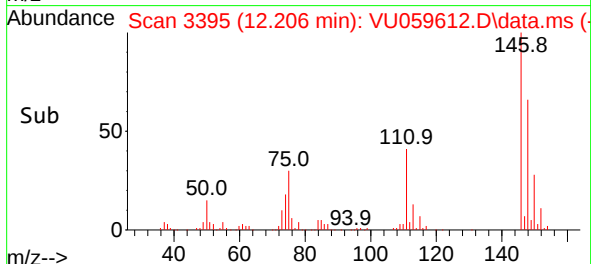
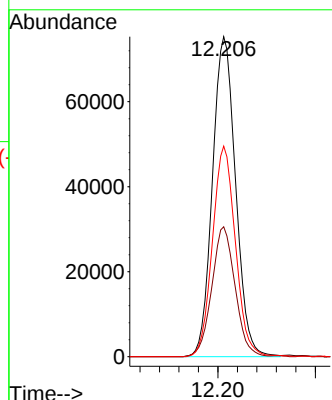
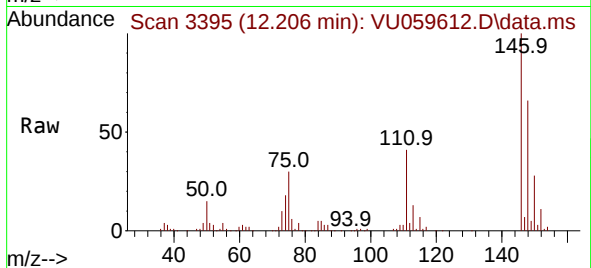
Tgt Ion:146 Resp: 12418

Ion	Ratio	Lower	Upper
146	100		
111	40.6	33.4	50.0
148	65.8	49.7	74.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 5.405 ug/L

RT: 12.991 min Scan# 3639

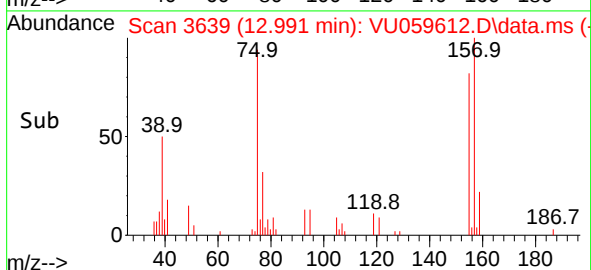
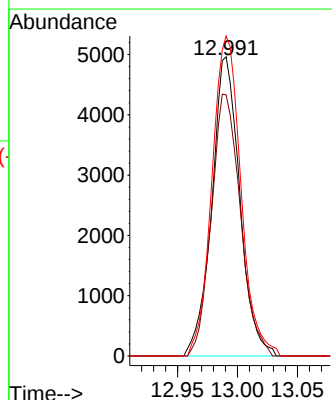
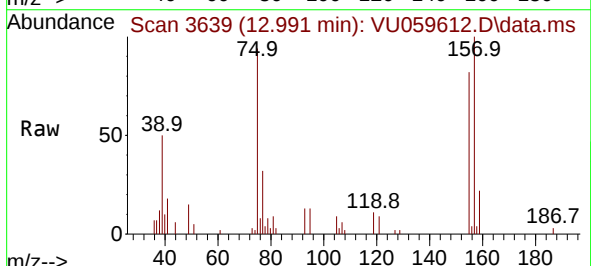
Delta R.T. -0.000 min

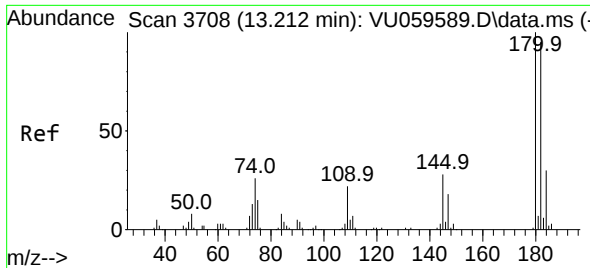
Lab File: VU059612.D

Acq: 28 Jun 2024 11:21

Tgt Ion: 75 Resp: 8041

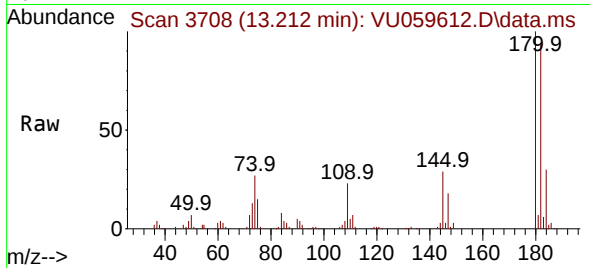
Ion	Ratio	Lower	Upper
75	100		
155	87.3	58.2	87.2#
157	107.0	80.0	120.0





#69
1,3,5-Trichlorobenzene
Concen: 4.924 ug/L
RT: 13.212 min Scan# 3708
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

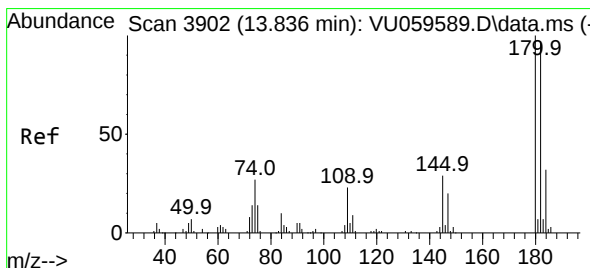
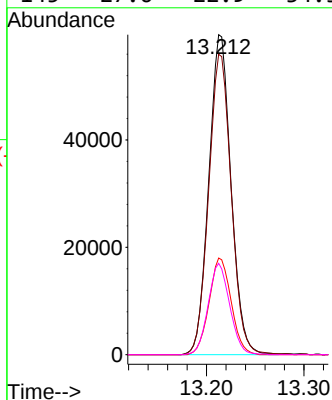
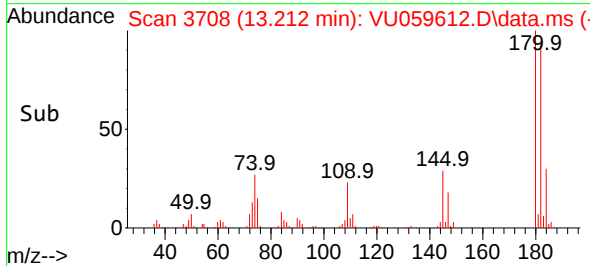
Instrument :
MSVOA_U
ClientSampleId :
JMRJOMSD



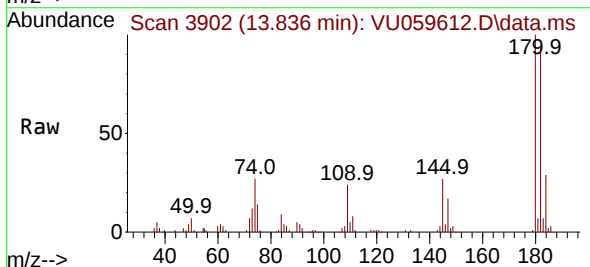
Tgt Ion:180 Resp: 94520
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
184 29.9 23.0 34.6
145 27.6 22.9 34.3

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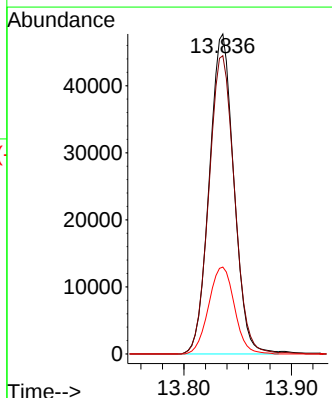
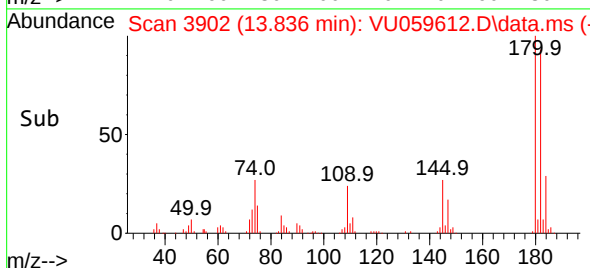
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

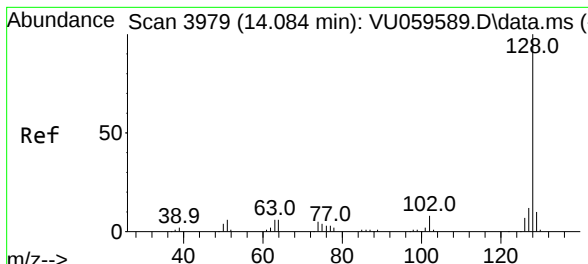


#70
1,2,4-trichlorobenzene
Concen: 5.135 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21



Tgt Ion:180 Resp: 75626
Ion Ratio Lower Upper
180 100
182 97.1 74.9 112.3
145 28.5 23.9 35.9





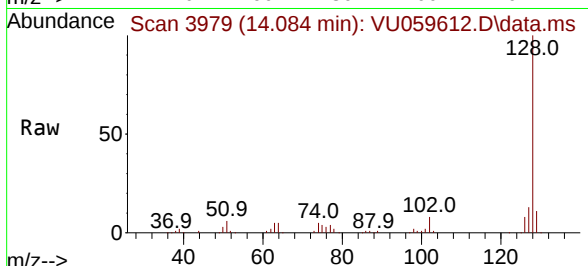
#71
Naphthalene
Concen: 5.307 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Instrument :

MSVOA_U

ClientSampleId :

JMRJOMSD

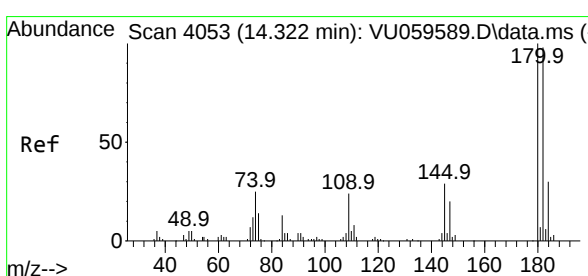
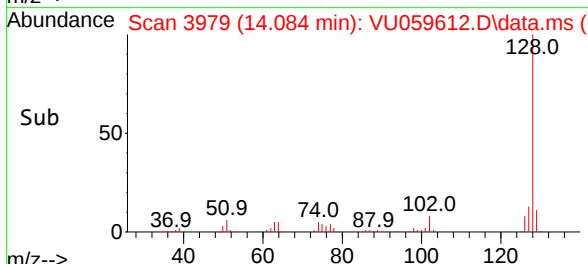
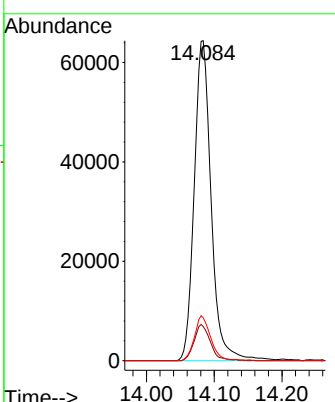


Tgt Ion:128 Resp: 111858

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.4
127	13.5	10.2	15.4

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#72
1,2,3-Trichlorobenzene
Concen: 5.328 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059612.D
Acq: 28 Jun 2024 11:21

Tgt Ion:180 Resp: 72858

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.6
145	30.4	26.2	39.4

