

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042859.D
 Acq On : 06 Aug 2024 10:07
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/07/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 07 04:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:19:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	47896	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	284887	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	267754	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	124673	28.286	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.300%
60) 4-Bromofluorobenzene	11.079	95	128310	29.373	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.900%
63) Toluene-d8	8.647	98	366512	30.304	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	13854	4.935	ug/l	99
3) Chloromethane	1.301	50	13648	5.297	ug/l	98
4) Vinyl Chloride	1.374	62	14579	5.300	ug/l	95
5) Bromomethane	1.599	94	9200	5.487	ug/l	86
6) Chloroethane	1.685	64	9492	5.800	ug/l	99
7) Trichlorofluoromethane	1.886	101	26131	5.955	ug/l	95
8) Diethyl Ether	2.136	74	8127	4.714	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	15259	5.101	ug/l	99
10) 1,1-Dichloroethene	2.319	96	15449	5.407	ug/l	92
11) Methyl Iodide	2.447	142	10740	4.087	ug/l	94
12) Methyl Acetate	2.709	43	19266	3.086	ug/l	94
13) Acrolein	2.239	56	7211m	40.678	ug/l	
14) Acrylonitrile	3.069	53	41973	22.114	ug/l	95
15) Acetone	2.380	58	23612	38.339	ug/l	84
16) Carbon Disulfide	2.508	76	34072	5.731	ug/l	96
17) Allyl chloride	2.666	41	23574	5.098	ug/l	93
18) Methylene Chloride	2.788	84	16793	5.069	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	15078	5.182	ug/l	97
20) Diisopropyl ether	3.757	45	45961	4.552	ug/l #	76
21) 1,1-Dichloroethane	3.605	63	27014	4.704	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	17346	4.752	ug/l	100
23) tert-Butyl Alcohol	2.959	59	24164	27.604	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	47451	4.590	ug/l	99
25) Chloroform	5.093	83	29887	4.810	ug/l	99
26) Cyclohexane	5.471	56	24758	5.465	ug/l #	93
29) 1,1-Dichloropropene	5.690	75	19342	5.268	ug/l	97
30) 2-Butanone	4.556	43	77621	28.710	ug/l	100
31) 2,2-Dichloropropane	4.471	77	21043	4.905	ug/l #	80
32) 1,1,1-Trichloroethane	5.391	97	25679m	5.051	ug/l	
33) Carbon Tetrachloride	5.678	117	21626	4.974	ug/l	99
34) Benzene	6.031	78	61618	5.242	ug/l #	92
35) Methacrylonitrile	4.916	41	11522m	4.478	ug/l	
36) 1,2-Dichloroethane	6.092	62	21580	4.975	ug/l #	87
37) Trichloroethene	7.123	130	16137	5.423	ug/l	97
38) Methylcyclohexane	7.379	83	25864	5.684	ug/l	89
39) 1,2-Dichloropropane	7.428	63	15082	5.033	ug/l #	84
40) Dibromomethane	7.580	93	11342	5.013	ug/l	94
41) Bromodichloromethane	7.818	83	22085	4.923	ug/l	90
42) Vinyl Acetate	3.721	43	204252	25.831	ug/l	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

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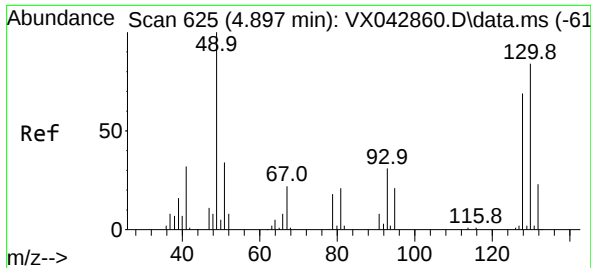
08/07/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 07 04:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	23699m	5.153	ug/l	
44) Isopropyl Acetate	6.342	43	34820	4.770	ug/l	97
45) 1,4-Dioxane	7.671	88	6601	88.847	ug/l #	89
46) Methyl methacrylate	7.702	41	16427	4.529	ug/l	91
47) n-amyl Acetate	10.842	43	28744	4.603	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	19613	4.560	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	21886	4.699	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	15111	4.897	ug/l	93
51) Ethyl methacrylate	9.116	69	23038	4.563	ug/l	98
52) 1,3-Dichloropropane	9.311	76	25877	5.110	ug/l	98
53) Dibromochloromethane	9.519	129	17126	4.769	ug/l	99
54) 1,2-Dibromoethane	9.610	107	15699	4.892	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	47443	20.348	ug/l	99
56) Bromoform	10.799	173	11311	4.394	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	119196	23.639	ug/l	98
59) 2-Hexanone	9.427	43	103664	26.011	ug/l	100
61) Tetrachloroethene	9.269	164	14582	5.485	ug/l	93
62) Toluene	8.714	91	69609	5.308	ug/l	98
64) Chlorobenzene	10.080	112	42809	5.100	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	14395	4.724	ug/l	98
66) Ethyl Benzene	10.195	91	73281	5.027	ug/l	96
67) m/p-Xylenes	10.299	106	55398	10.052	ug/l	99
68) o-Xylene	10.640	106	26237	4.830	ug/l	95
69) Styrene	10.653	104	44915	4.801	ug/l	99
70) Isopropylbenzene	10.964	105	70246	4.913	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	24656	4.781	ug/l	96
72) 1,2,3-Trichloropropane	11.238	75	21536m	5.113	ug/l	
73) Bromobenzene	11.201	156	18704	5.148	ug/l	95
74) n-propylbenzene	11.305	91	82685	4.944	ug/l	98
75) 2-Chlorotoluene	11.366	91	50945	4.990	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	59915	4.944	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	5673	3.788	ug/l	76
78) 4-Chlorotoluene	11.451	91	59115	5.049	ug/l	99
79) tert-butylbenzene	11.713	119	59691	4.800	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	55780	4.666	ug/l	96
81) sec-Butylbenzene	11.890	105	74414	4.883	ug/l	97
82) p-Isopropyltoluene	12.006	119	61185	4.794	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	32866	4.915	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	34115	5.075	ug/l	99
85) n-Butylbenzene	12.329	91	54631	4.749	ug/l	98
86) Hexachloroethane	12.536	117	10836	4.704	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	31947	4.796	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	5041	4.327	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	20251	4.673	ug/l	98
90) Hexachlorobutadiene	13.725	225	9416	5.028	ug/l	96
91) Naphthalene	13.774	128	61989	4.249	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	20082	4.589	ug/l	99

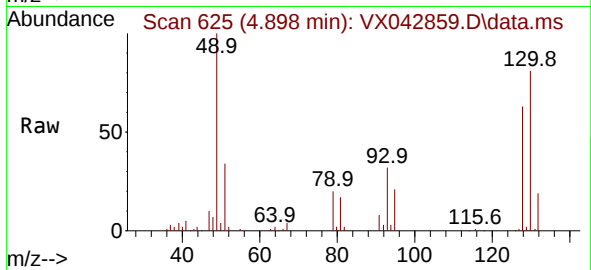
08/08/2024

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



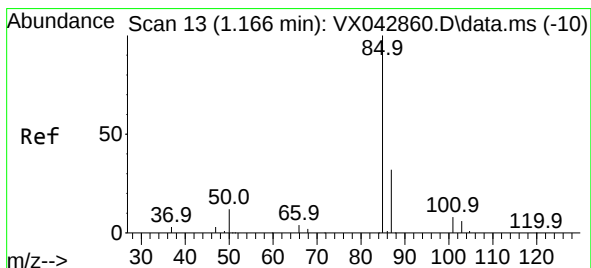
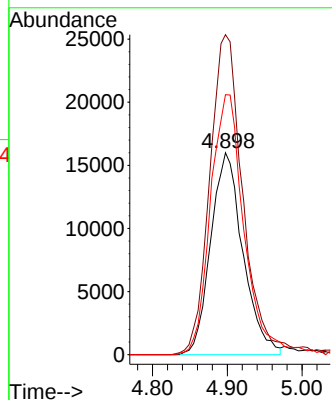
Tgt Ion:128 Resp: 47890
Ion Ratio Lower Upper
128 100
49 162.5 0.0 400.5
130 133.7 0.0 333.0

Manual Integrations
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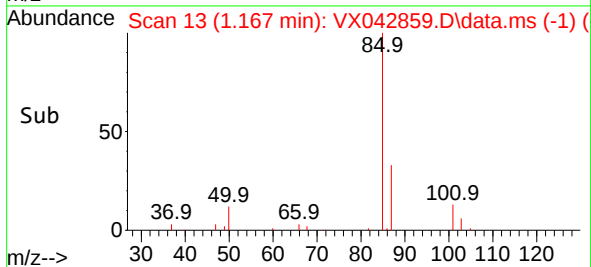
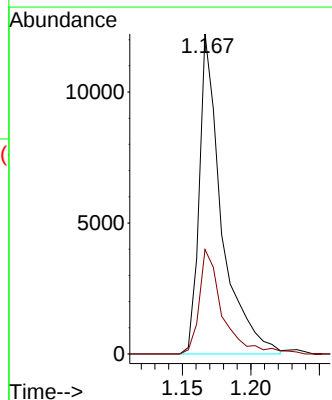
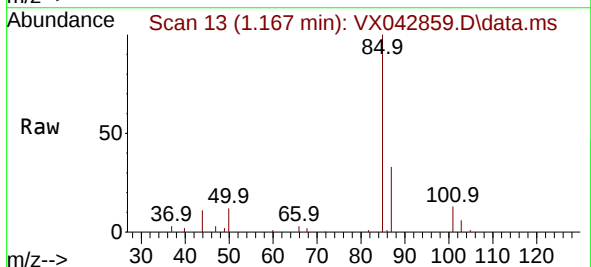
08/07/2024
Supervised By :Mahesh
Dadoda

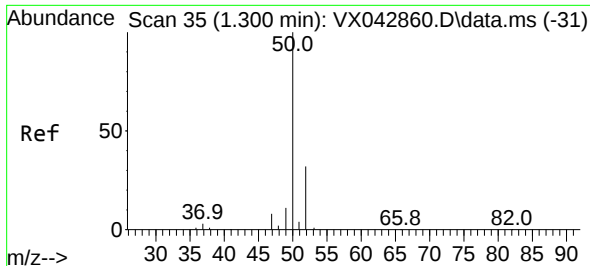
08/08/2024



#2
Dichlorodifluoromethane
Concen: 4.935 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 85 Resp: 13854
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3
Chloromethane
Concen: 5.297 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

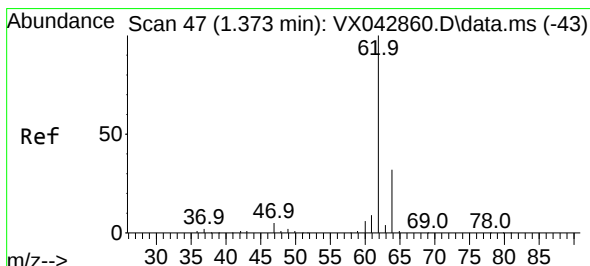
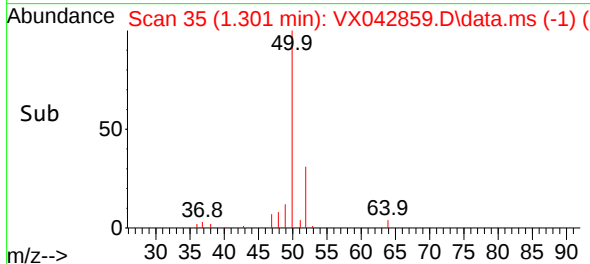
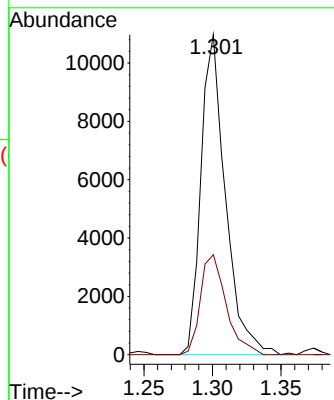
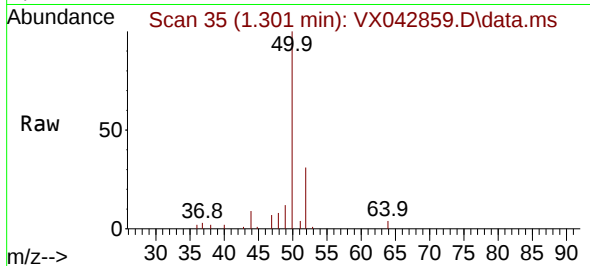
Tgt Ion: 50 Resp: 1364
Ion Ratio Lower Upper
50 100
52 31.3 26.0 39.0

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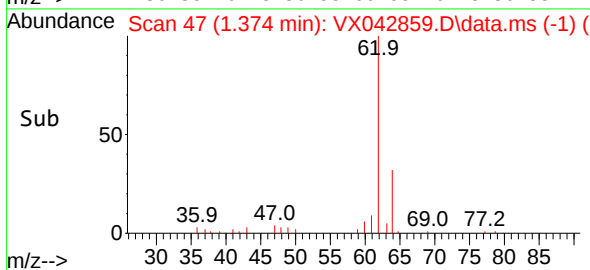
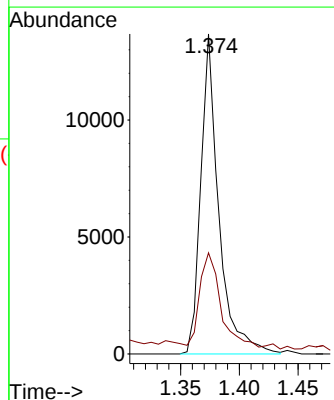
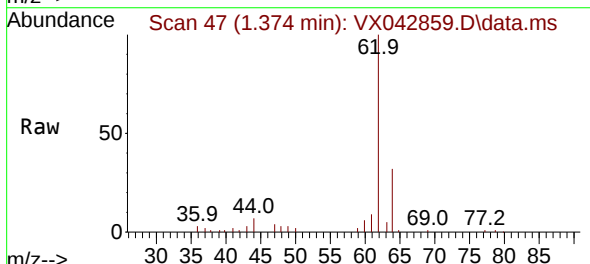
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Dadoda

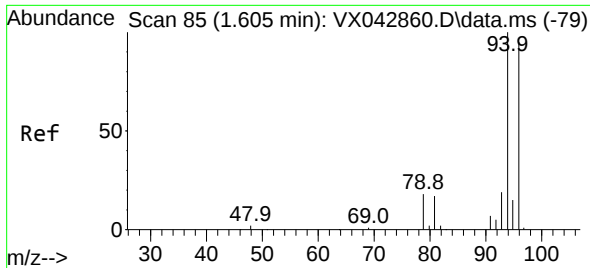
08/08/2024



#4
Vinyl Chloride
Concen: 5.300 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

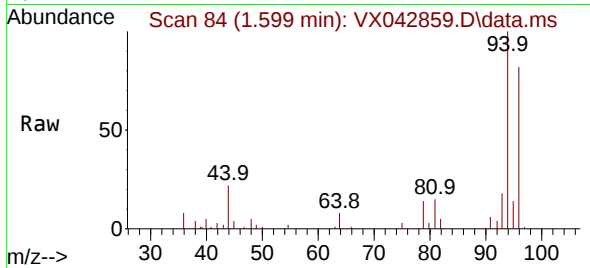
Tgt Ion: 62 Resp: 14579
Ion Ratio Lower Upper
62 100
64 30.1 26.3 39.5





#5
Bromomethane
Concen: 5.487 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



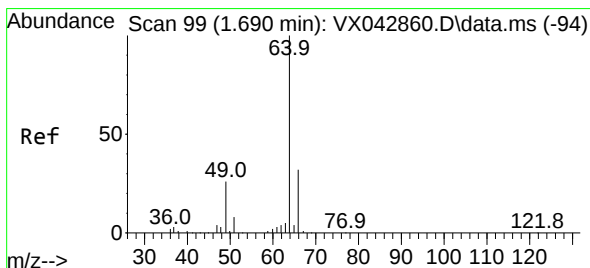
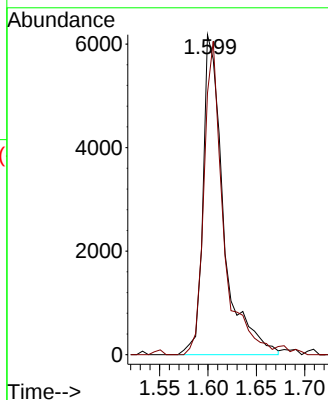
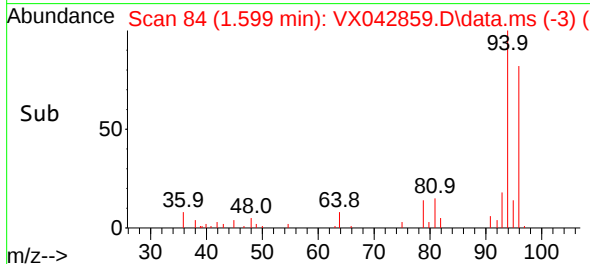
Tgt Ion: 94 Resp: 9200
Ion Ratio Lower Upper
94 100
96 81.8 76.2 114.4

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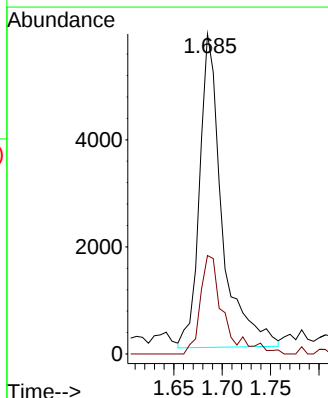
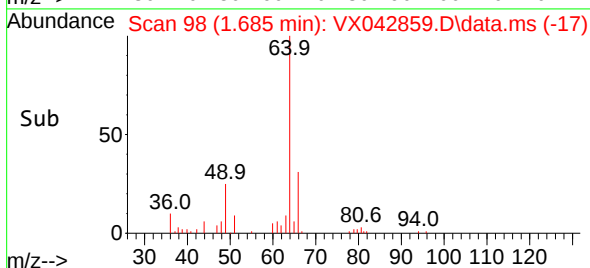
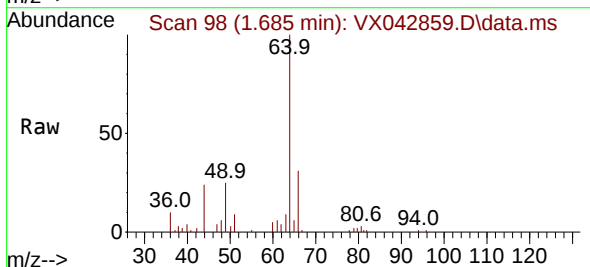
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Supervised By :Mahesh
Dadoda

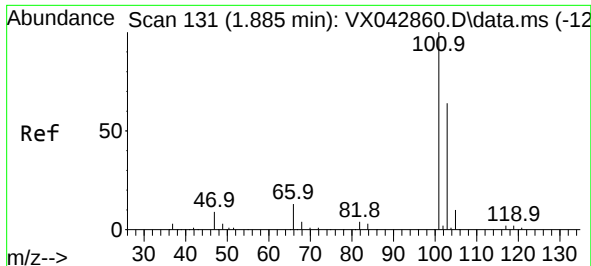
08/08/2024



#6
Chloroethane
Concen: 5.800 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 64 Resp: 9492
Ion Ratio Lower Upper
64 100
66 31.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 5.955 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

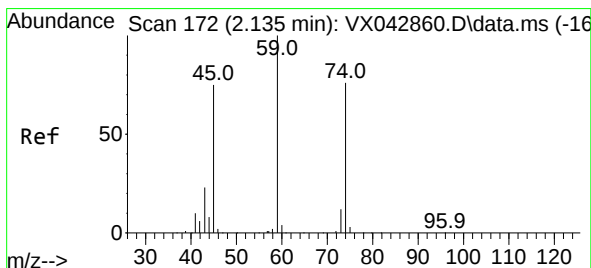
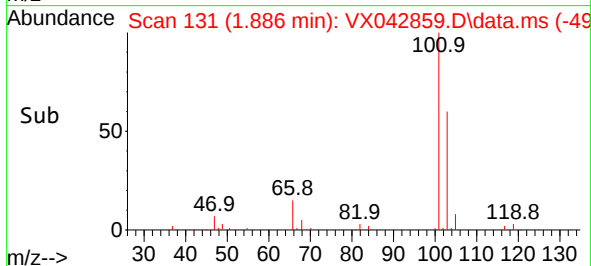
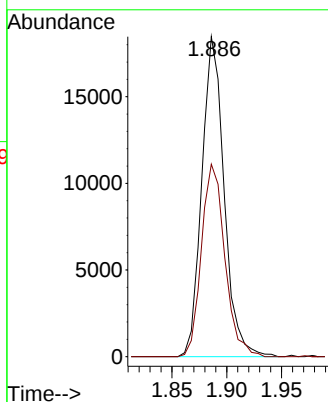
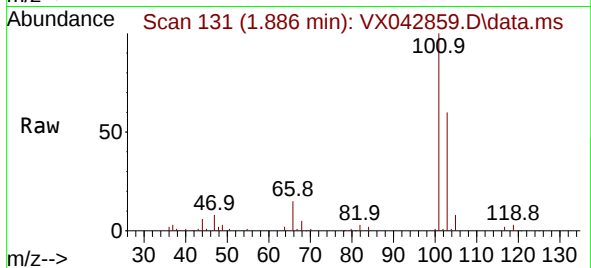
Tgt Ion:101 Resp: 2613
Ion Ratio Lower Upper
101 100
103 60.2 51.5 77.3

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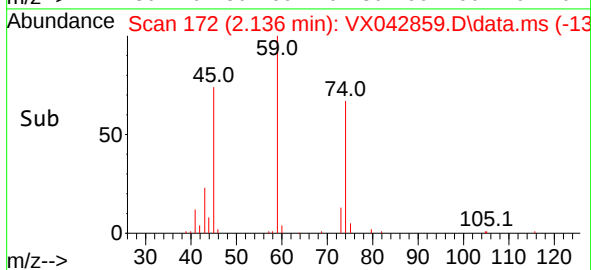
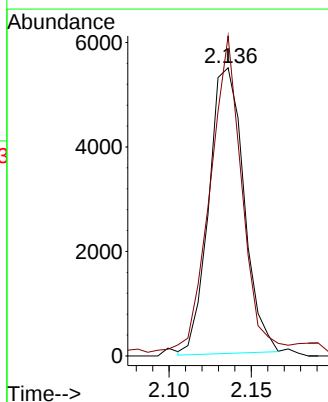
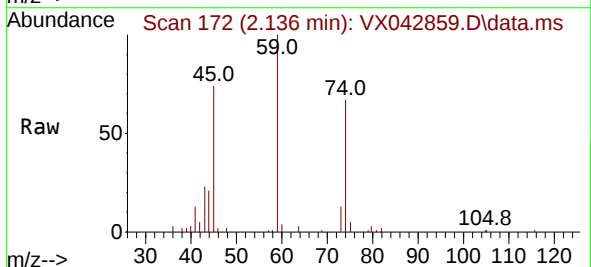
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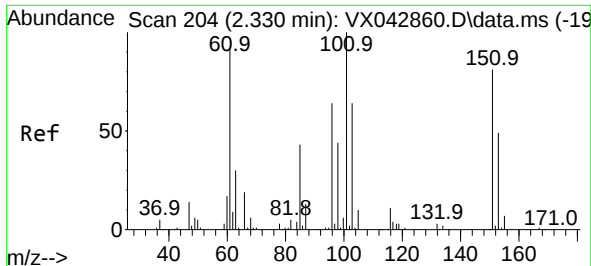
08/08/2024



#8
Diethyl Ether
Concen: 4.714 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 74 Resp: 8127
Ion Ratio Lower Upper
74 100
45 101.3 20.3 182.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.101 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

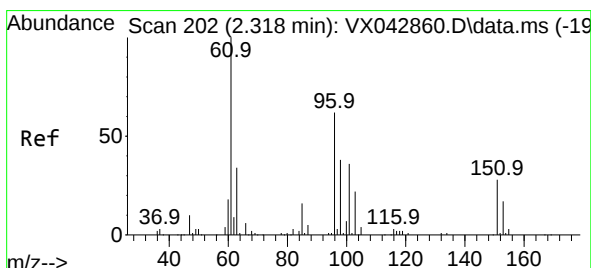
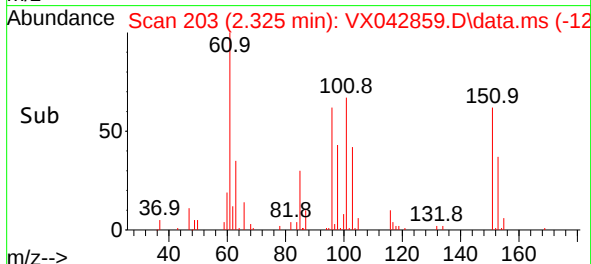
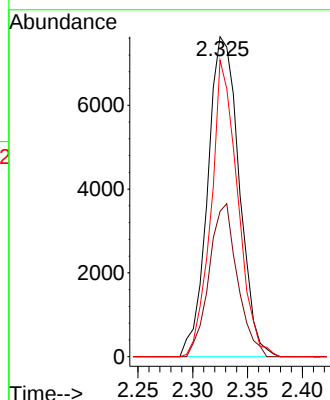
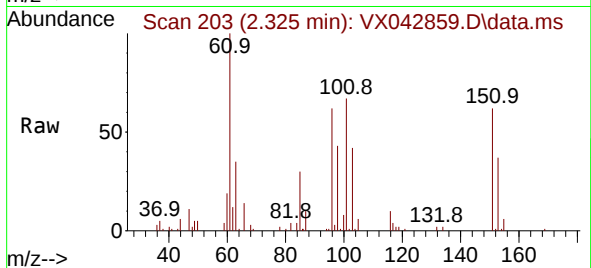
Tgt Ion:101 Resp: 15259
Ion Ratio Lower Upper
101 100
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151 78.5 0.0 157.6

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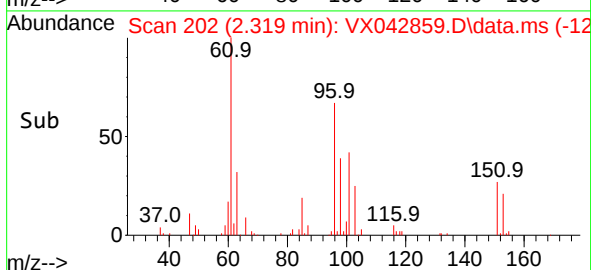
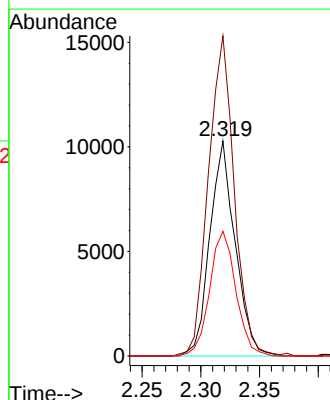
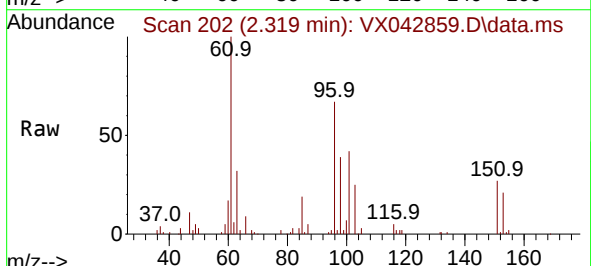
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Supervised By :Mahesh
Dadoda

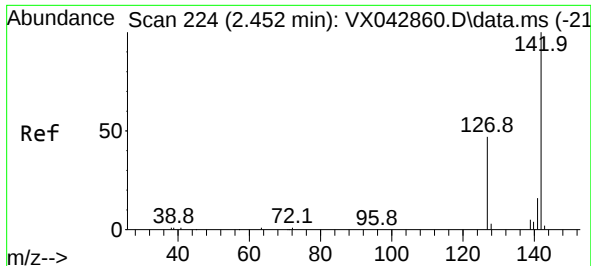
08/08/2024



#10
1,1-Dichloroethene
Concen: 5.407 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 96 Resp: 15449
Ion Ratio Lower Upper
96 100
61 148.3 129.2 193.8
98 58.0 48.6 72.8





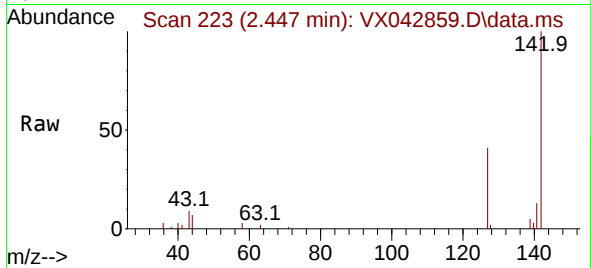
#11
Methyl Iodide
Concen: 4.087 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:142 Resp: 10740
Ion Ratio Lower Upper
142 100
127 43.8 23.6 71.0
141 12.9 8.0 23.8

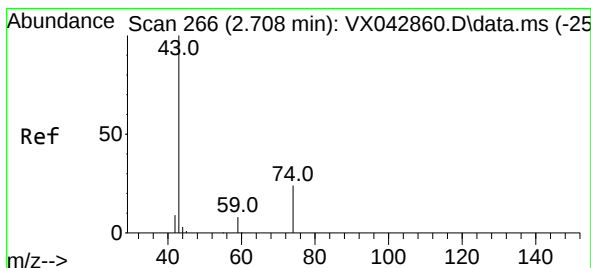
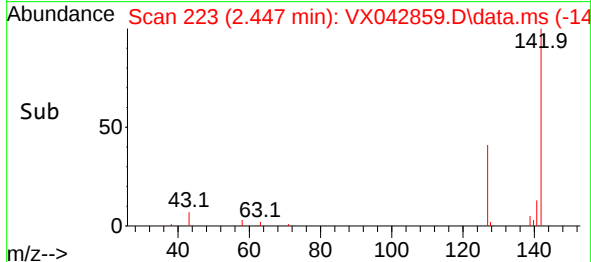
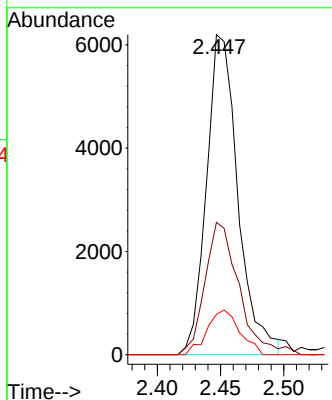
Manual Integrations
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Reviewed By :John
Carlone

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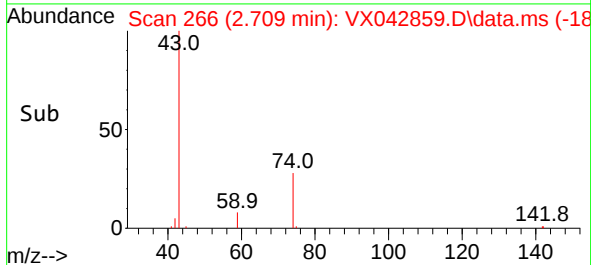
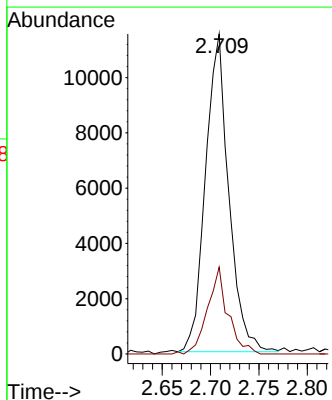
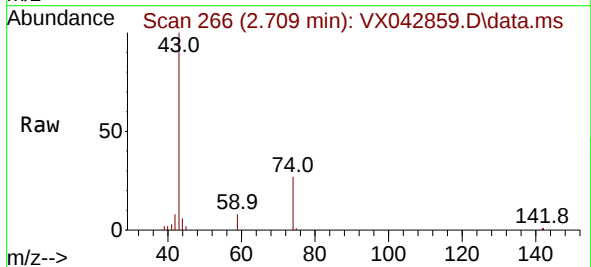
Supervised By :Mahesh
Dadoda

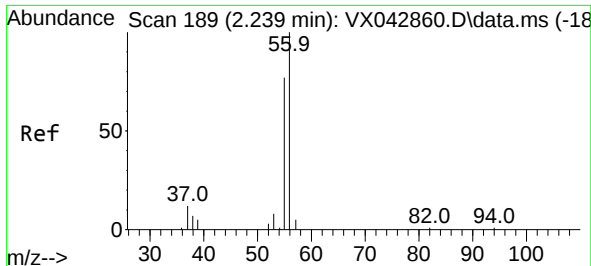
08/08/2024



#12
Methyl Acetate
Concen: 3.086 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

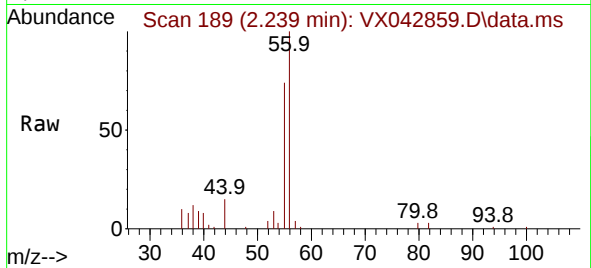
Tgt Ion: 43 Resp: 19266
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.2





#13
Acrolein
Concen: 40.678 ug/l m
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



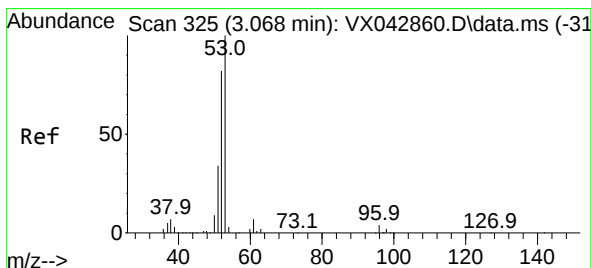
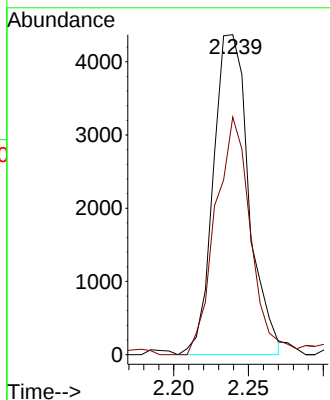
Tgt Ion: 56 Resp: 721
Ion Ratio Lower Upper
56 100
55 73.6 60.6 90.8

Manual Integrations
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Reviewed By :John
Carlone

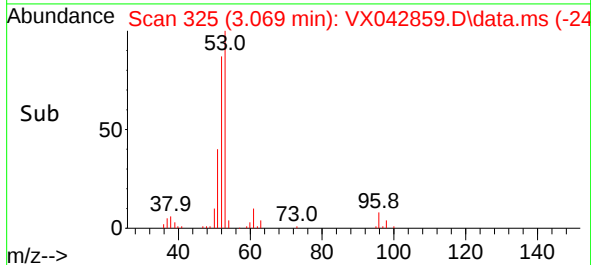
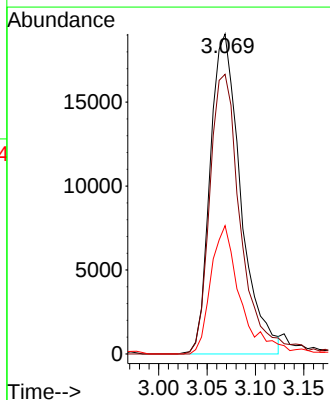
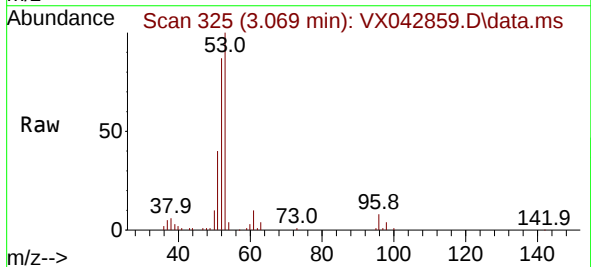
08/07/2024
Supervised By :Mahesh
Dadoda

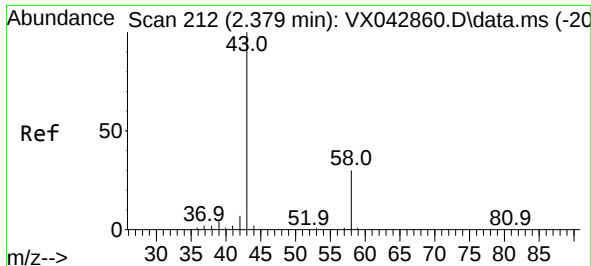
08/08/2024



#14
Acrylonitrile
Concen: 22.114 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 53 Resp: 41973
Ion Ratio Lower Upper
53 100
52 87.1 41.2 123.6
51 38.4 17.9 53.8





#15
Acetone
Concen: 38.339 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

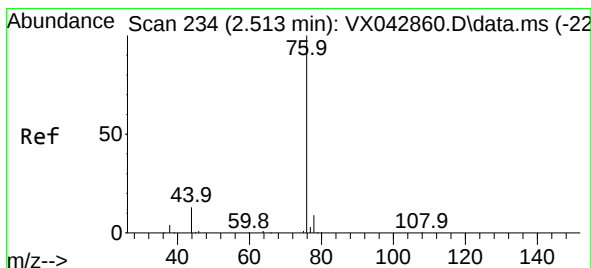
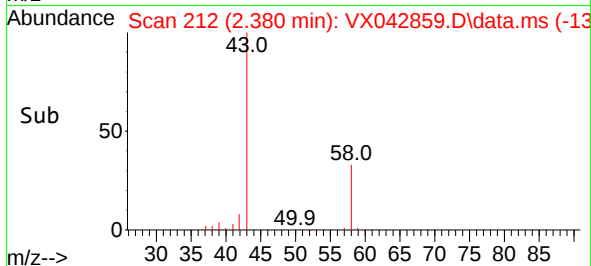
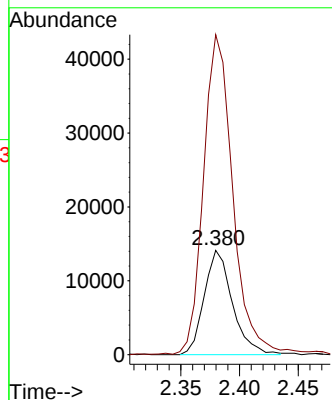
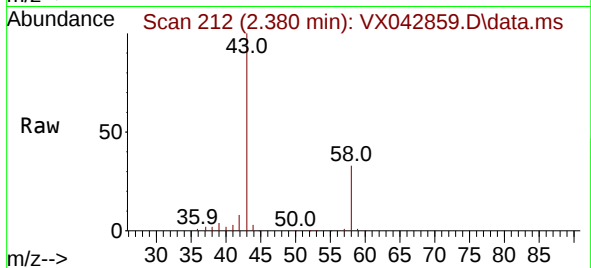
Tgt Ion: 58 Resp: 2361
Ion Ratio Lower Upper
58 100
43 303.6 269.9 404.9

Manual Integrations
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Reviewed By :John
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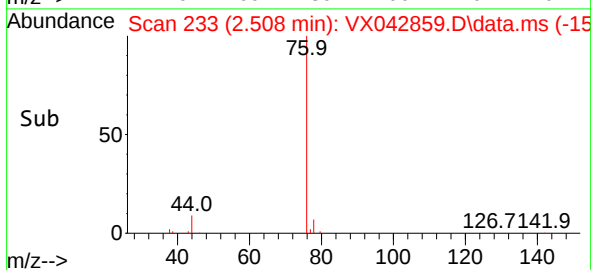
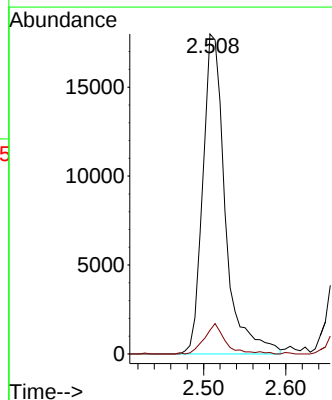
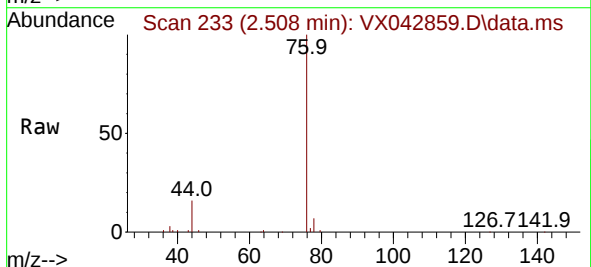
08/07/2024
Supervised By :Mahesh
Dadoda

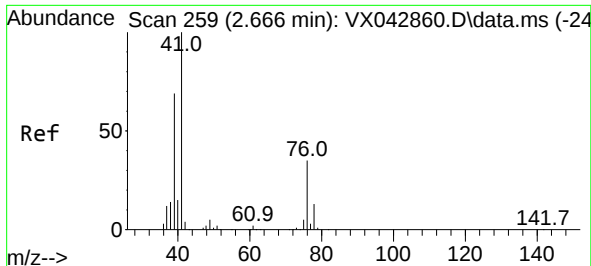
08/08/2024



#16
Carbon Disulfide
Concen: 5.731 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 76 Resp: 34072
Ion Ratio Lower Upper
76 100
78 7.4 7.1 10.7





#17
 Allyl chloride
 Concen: 5.098 ug/l
 RT: 2.666 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VX042859.D
 Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

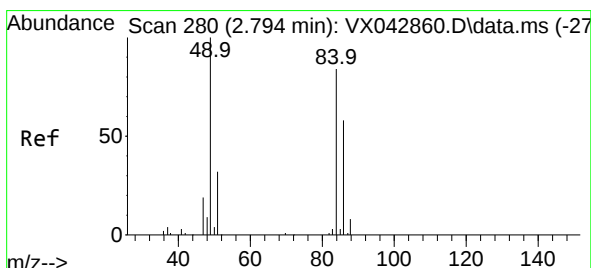
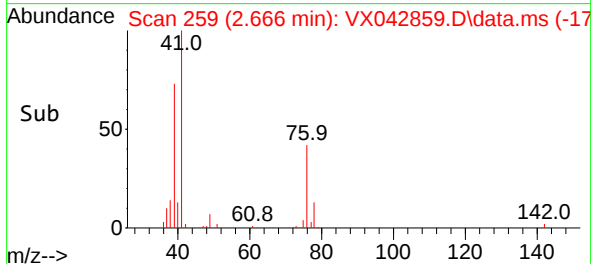
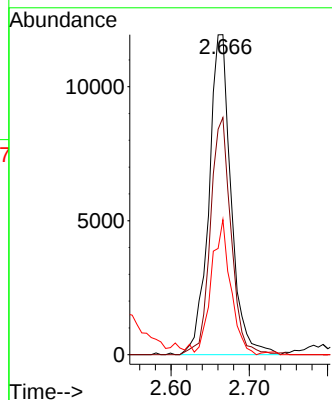
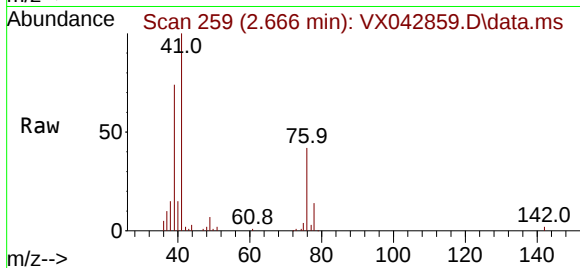
Tgt Ion: 41 Resp: 23574
 Ion Ratio Lower Upper
 41 100
 39 74.1 34.6 103.9
 76 42.2 18.4 55.4

Manual Integrations
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Reviewed By :John
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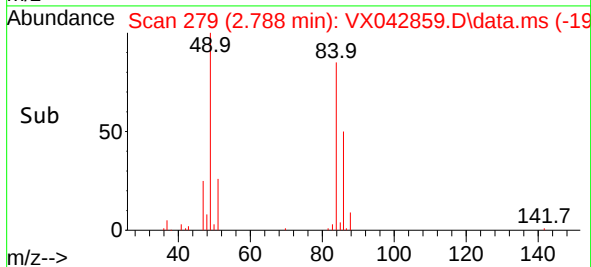
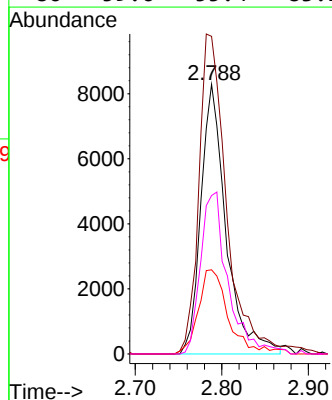
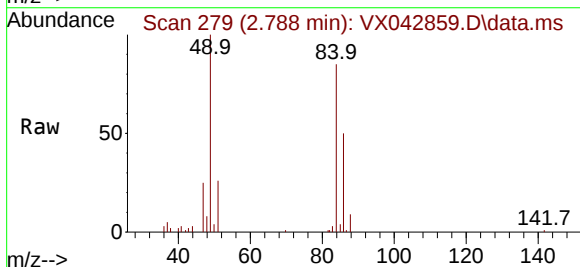
08/07/2024
 Supervised By :Mahesh
 Dadoda

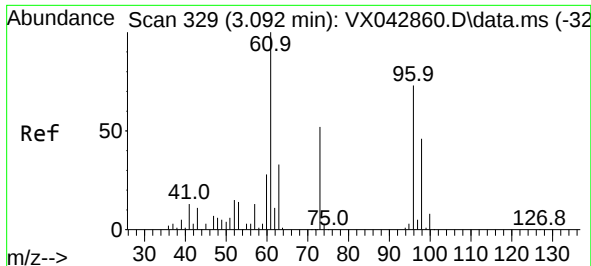
08/08/2024



#18
 Methylene Chloride
 Concen: 5.069 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VX042859.D
 Acq: 06 Aug 2024 10:07

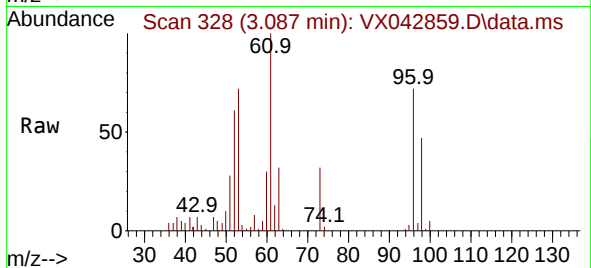
Tgt Ion: 84 Resp: 16793
 Ion Ratio Lower Upper
 84 100
 49 116.7 95.0 142.6
 51 30.1 30.1 45.1
 86 59.6 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 5.182 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



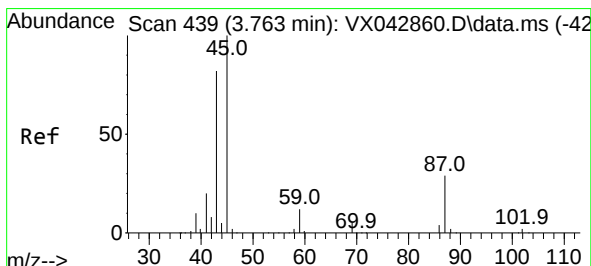
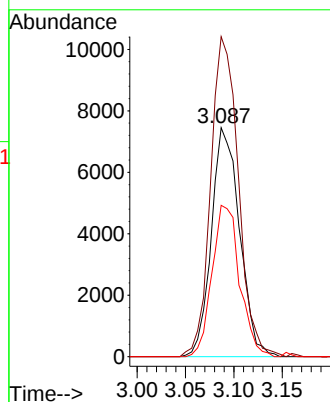
Tgt Ion: 96 Resp: 15078
Ion Ratio Lower Upper
96 100
61 139.7 109.6 164.4
98 66.1 50.4 75.6

Manual Integrations
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Reviewed By :John
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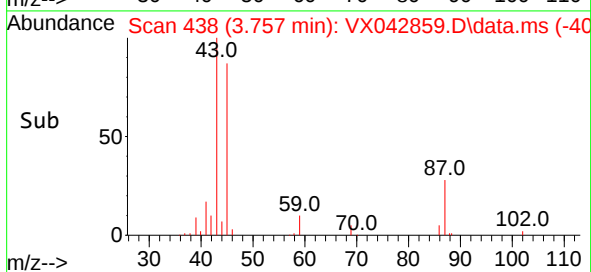
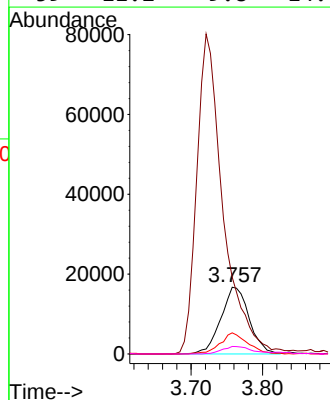
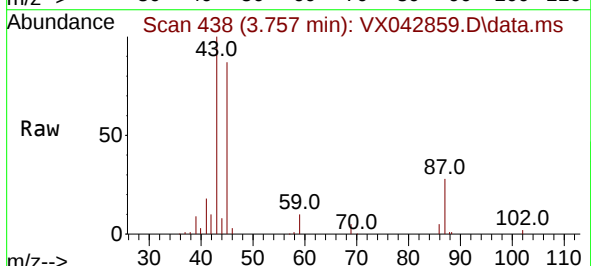
08/07/2024
Supervised By :Mahesh
Dadoda

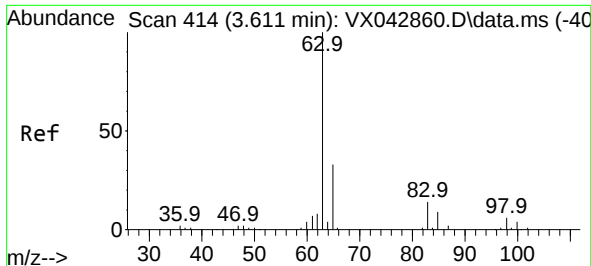
08/08/2024



#20
Diisopropyl ether
Concen: 4.552 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 45 Resp: 45961
Ion Ratio Lower Upper
45 100
43 111.8 65.4 98.2#
87 31.7 23.0 34.6
59 11.2 9.8 14.6





#21

1,1-Dichloroethane

Concen: 4.704 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:	63	Resp:	27014
Ion Ratio	Lower	Upper	
63	100		
98	6.3	2.9	8.8
100	3.7	2.1	6.3

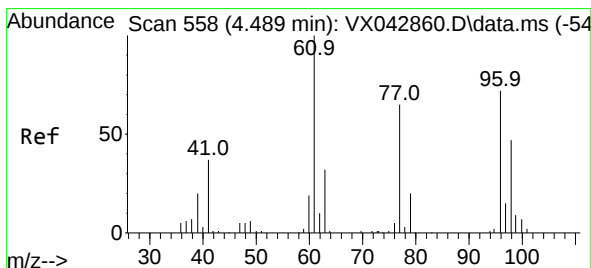
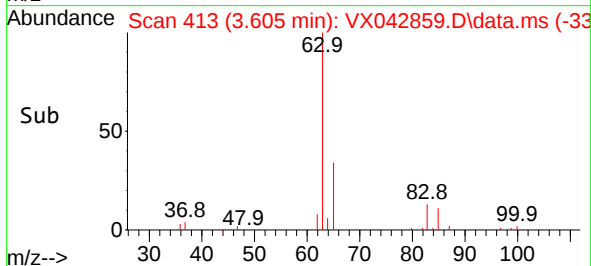
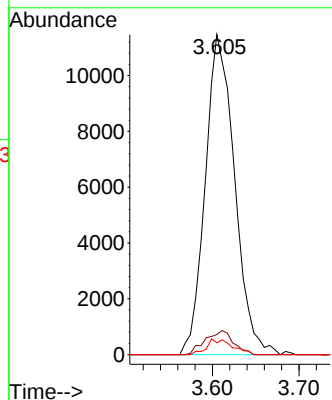
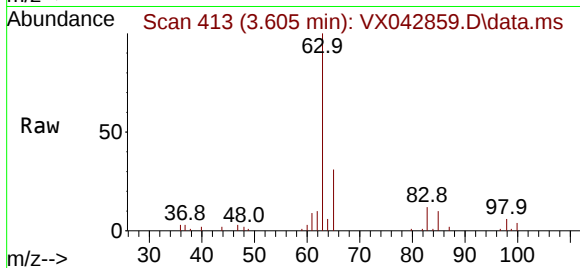
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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Supervised By :Mahesh
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#22

cis-1,2-Dichloroethene

Concen: 4.752 ug/l

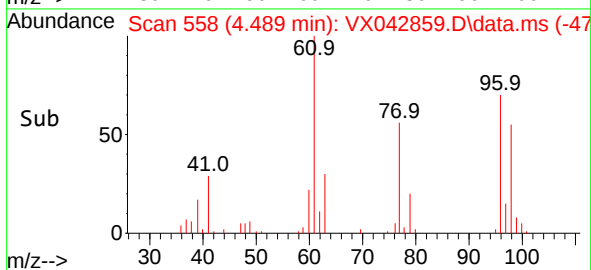
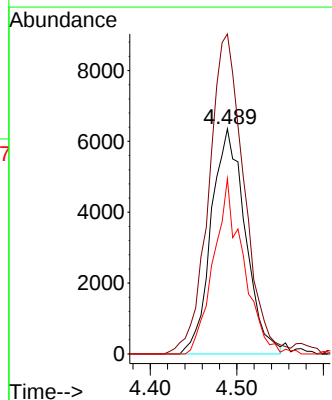
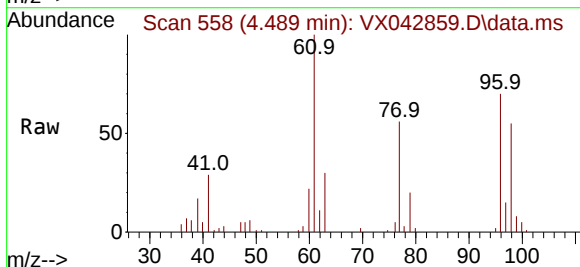
RT: 4.489 min Scan# 558

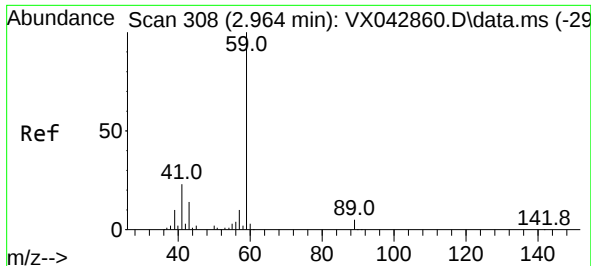
Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Tgt Ion:	96	Resp:	17346
Ion Ratio	Lower	Upper	
96	100		
61	146.9	117.7	176.5
98	67.6	53.4	80.0





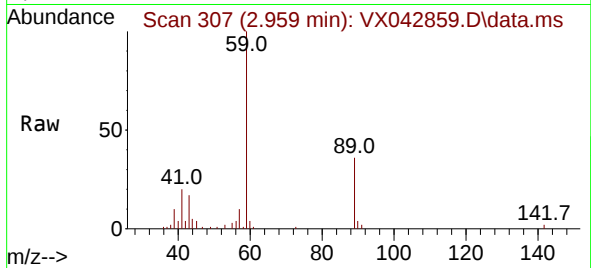
#23
tert-Butyl Alcohol
Concen: 27.604 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion: 59 Resp: 24164
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

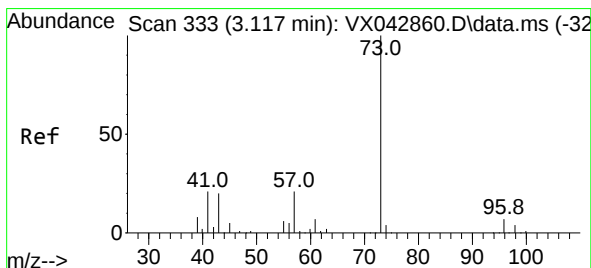
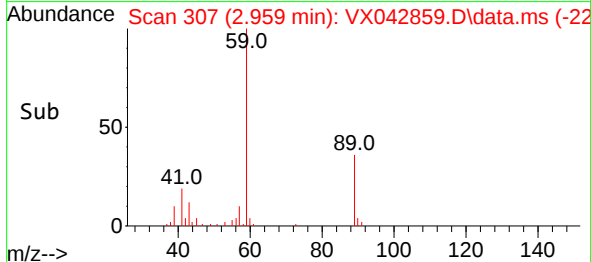
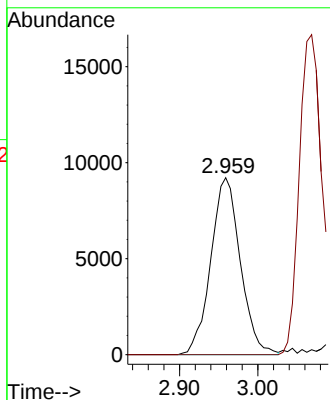
Manual Integrations
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Reviewed By :John
Carlone

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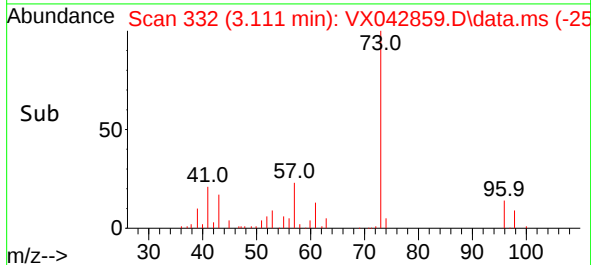
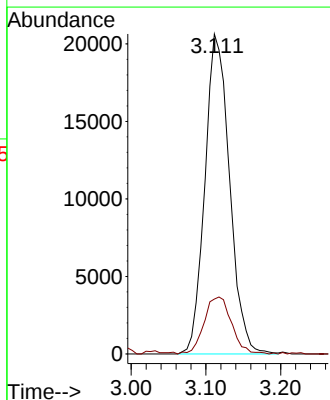
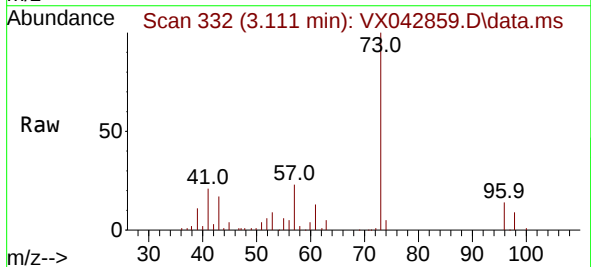
Supervised By :Mahesh
Dadoda

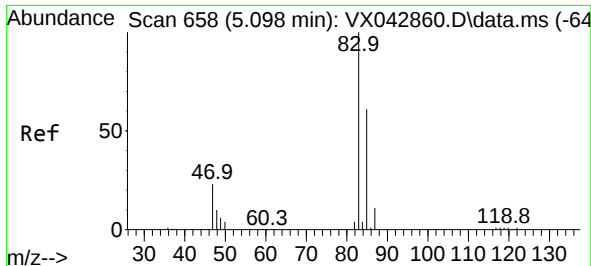
08/08/2024



#24
Methyl tert-Butyl Ether
Concen: 4.590 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 73 Resp: 47451
Ion Ratio Lower Upper
73 100
43 19.6 16.2 24.2





#25

Chloroform

Concen: 4.810 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 2988

Ion Ratio Lower Upper

83 100

85 60.7 49.2 73.8

Manual Integrations

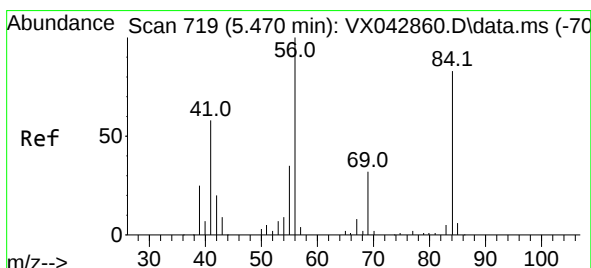
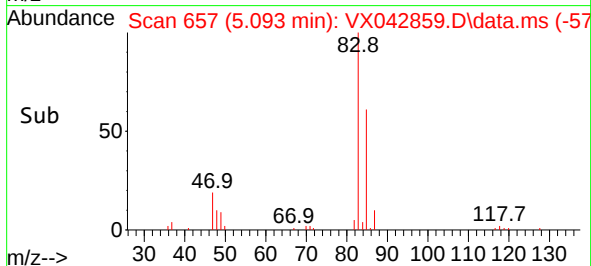
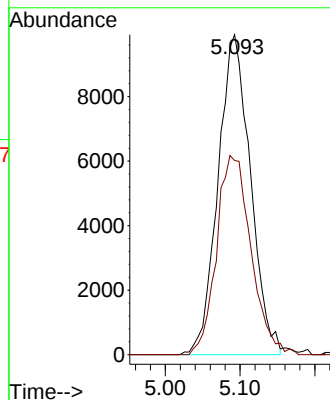
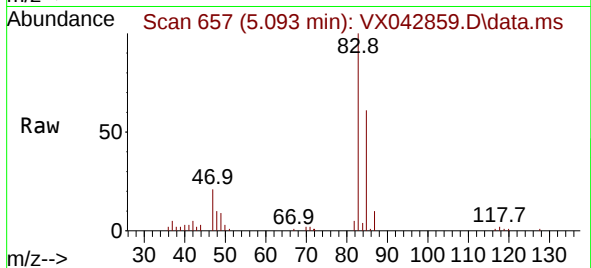
APPROVED

Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#26

Cyclohexane

Concen: 5.465 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

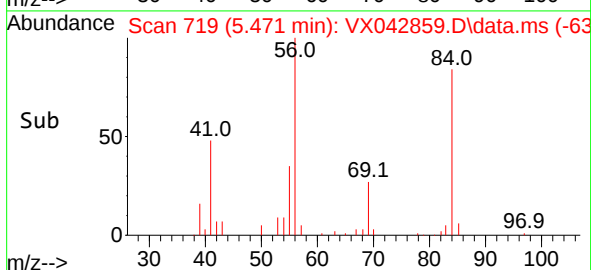
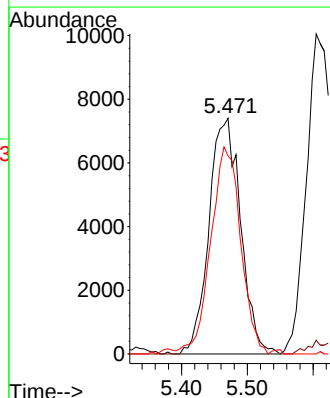
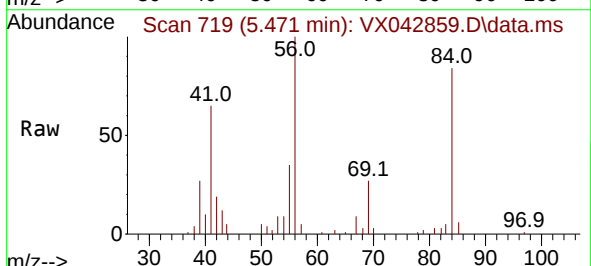
Tgt Ion: 56 Resp: 24758

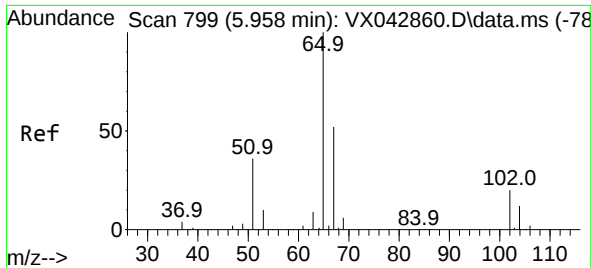
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 83.0 71.8 107.8





#27
1,2-Dichloroethane-d4
Concen: 28.286 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 124673
Ion Ratio Lower Upper
65 100
67 52.7 40.6 60.8

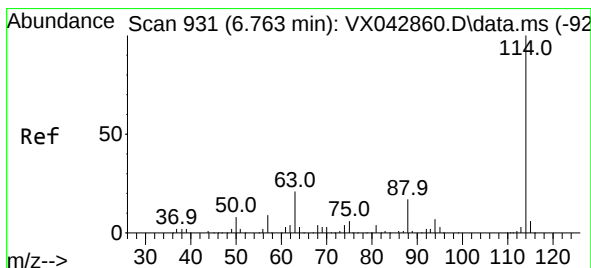
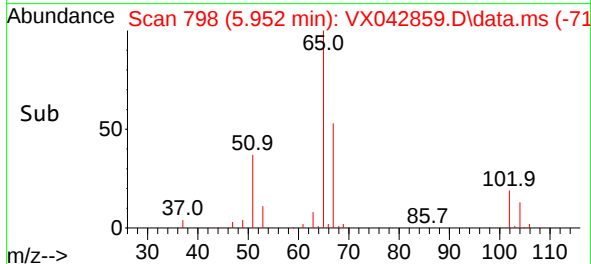
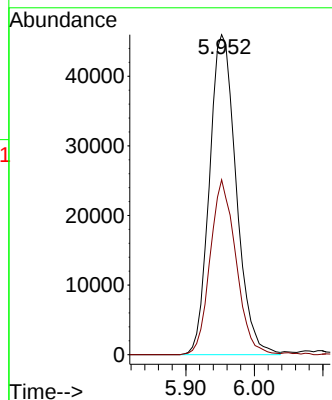
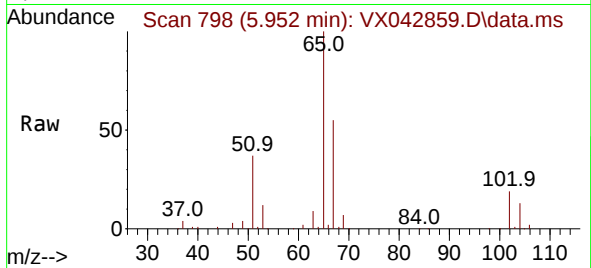
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/07/2024

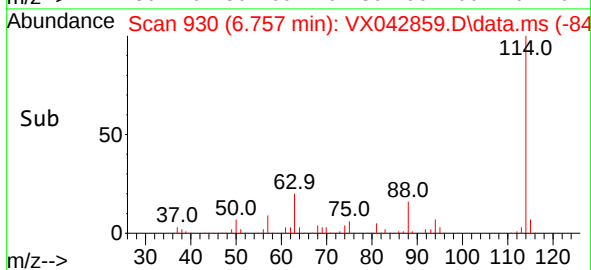
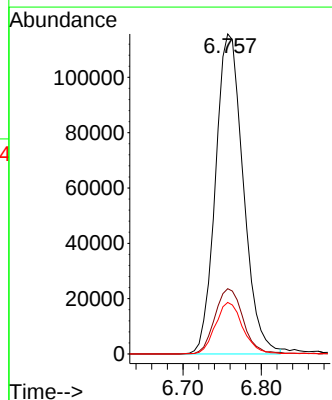
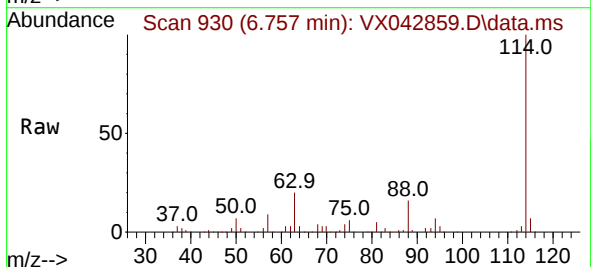
Supervised By :Mahesh
Dadoda

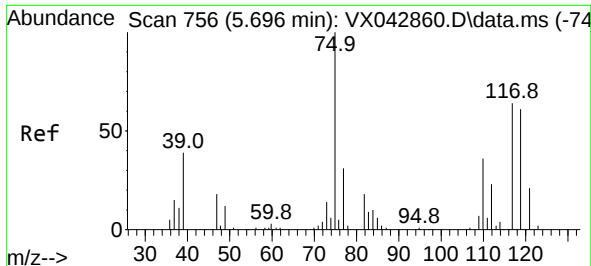
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion:114 Resp: 284887
Ion Ratio Lower Upper
114 100
63 20.5 16.0 24.0
88 15.8 12.5 18.7





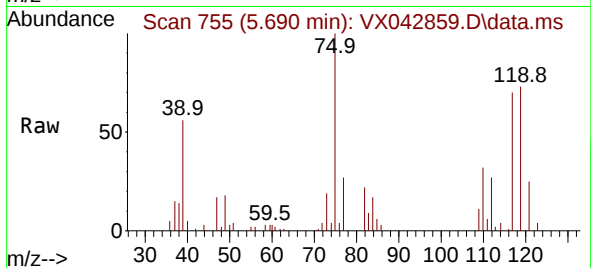
#29
1,1-Dichloropropene
Concen: 5.268 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion: 75 Resp: 1934
Ion Ratio Lower Upper
75 100
110 38.1 0.0 72.4
77 30.2 0.0 63.4

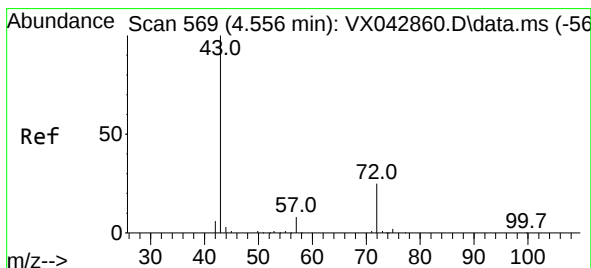
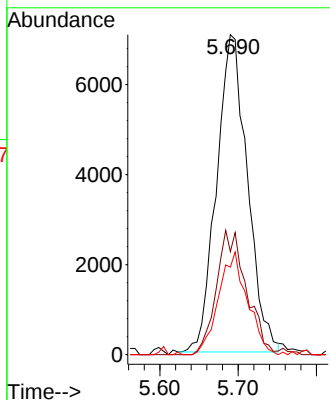
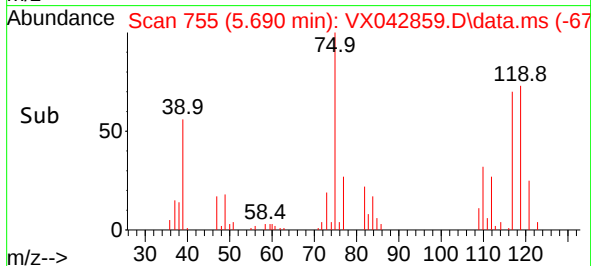
Manual Integrations
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Reviewed By :John
Carlone

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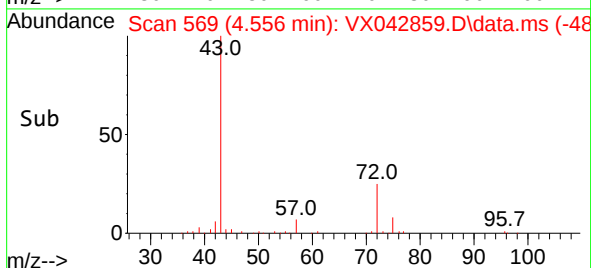
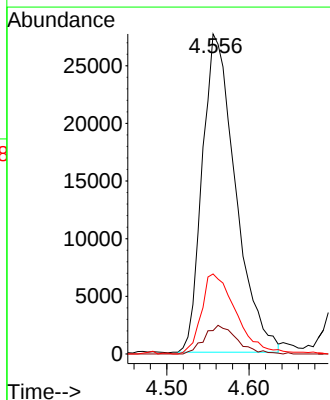
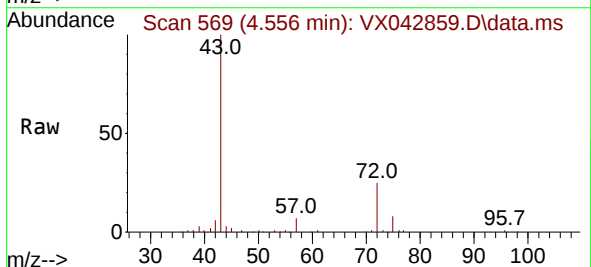
Supervised By :Mahesh
Dadoda

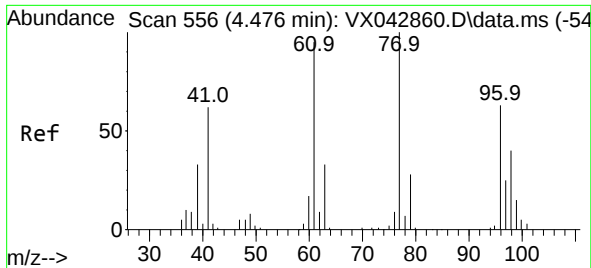
08/08/2024



#30
2-Butanone
Concen: 28.710 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

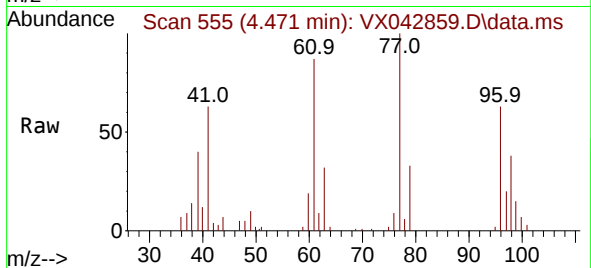
Tgt Ion: 43 Resp: 77621
Ion Ratio Lower Upper
43 100
57 8.8 6.6 10.0
72 26.2 21.0 31.4





#31
2,2-Dichloropropane
Concen: 4.905 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



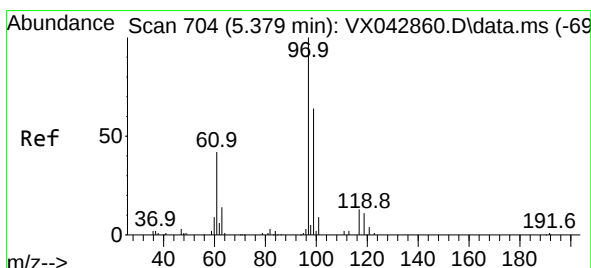
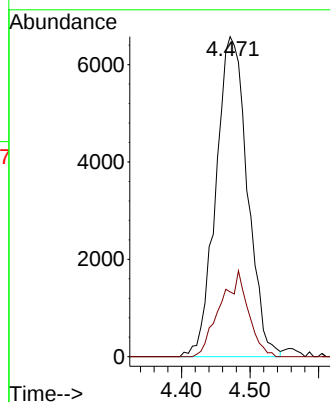
Tgt Ion: 77 Resp: 2104
Ion Ratio Lower Upper
77 100
97 13.5 18.5 27.7

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Reviewed By :John
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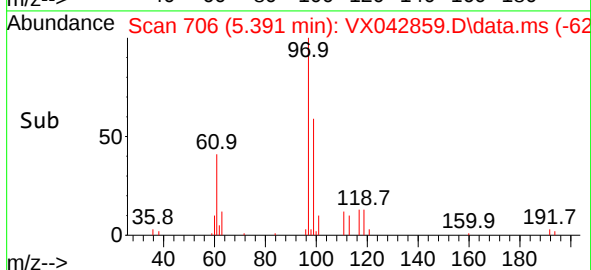
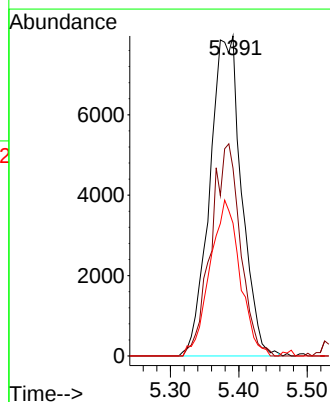
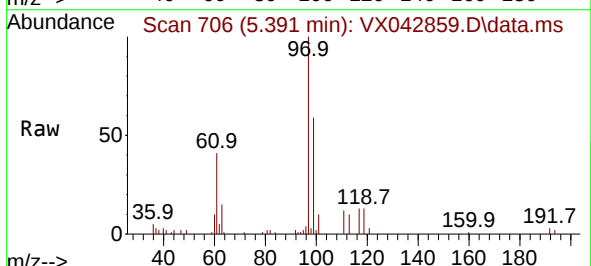
08/07/2024
Supervised By :Mahesh
Dadoda

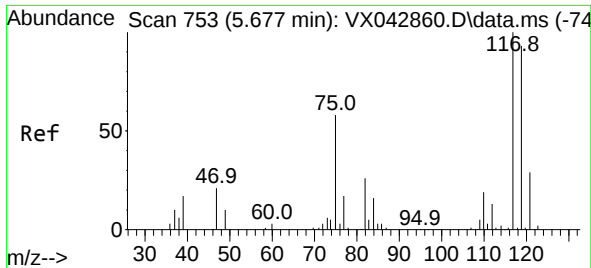
08/08/2024



#32
1,1,1-Trichloroethane
Concen: 5.051 ug/l m
RT: 5.391 min Scan# 706
Delta R.T. 0.013 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

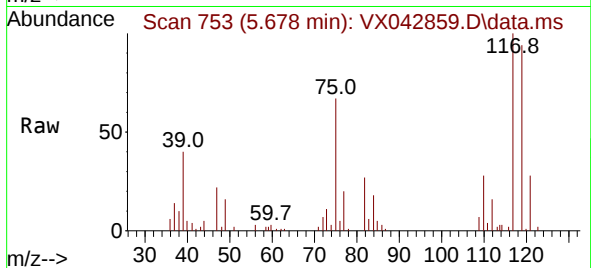
Tgt Ion: 97 Resp: 25679
Ion Ratio Lower Upper
97 100
99 61.4 52.2 78.2
61 46.0 34.3 51.5





#33
Carbon Tetrachloride
Concen: 4.974 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



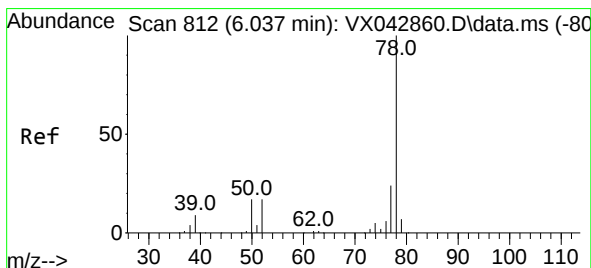
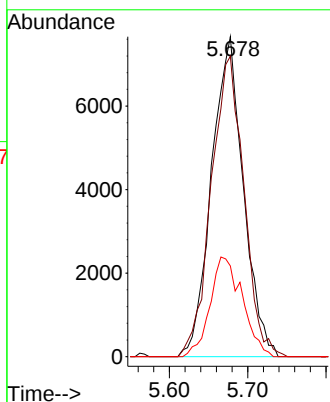
Tgt Ion: 117 Resp: 21620
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5
121 28.4 23.3 34.9

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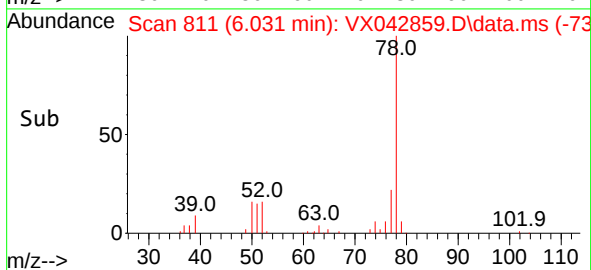
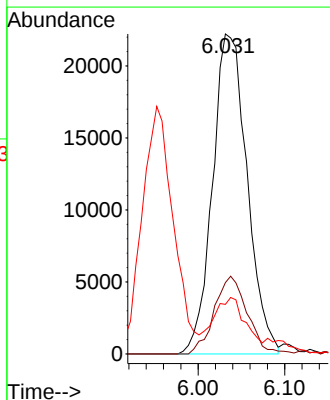
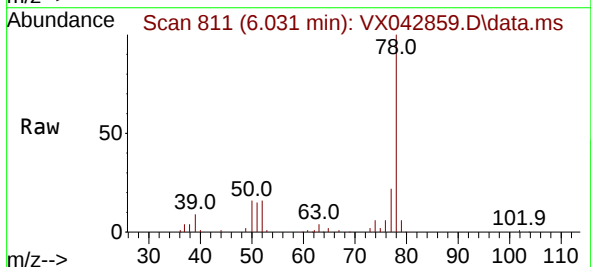
08/07/2024
Supervised By :Mahesh
Dadoda

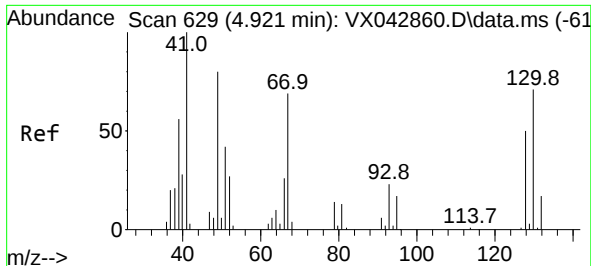
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#34
Benzene
Concen: 5.242 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 78 Resp: 61618
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.2
51 11.3 13.5 20.3#





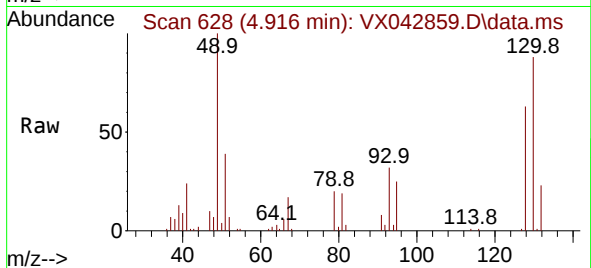
#35
Methacrylonitrile
Concen: 4.478 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



Tgt Ion: 41 Resp: 1152
Ion Ratio Lower Upper
41 100
39 53.6 28.1 84.2
67 67.7 34.4 103.1
52 28.1 13.3 39.8

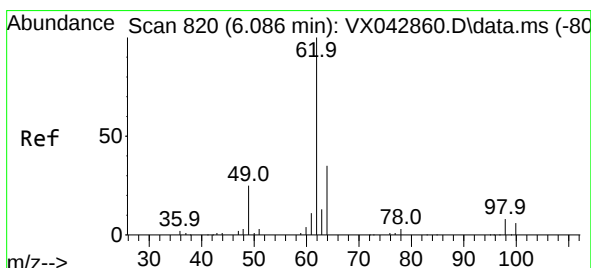
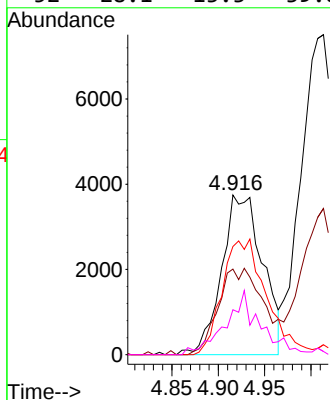
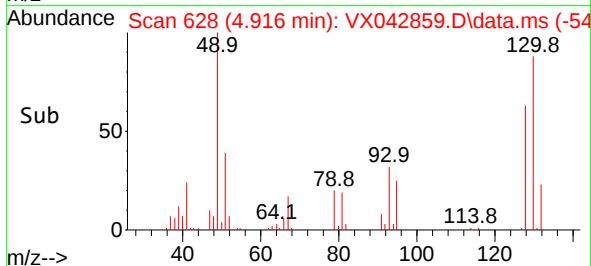
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Reviewed By :John
Carlone

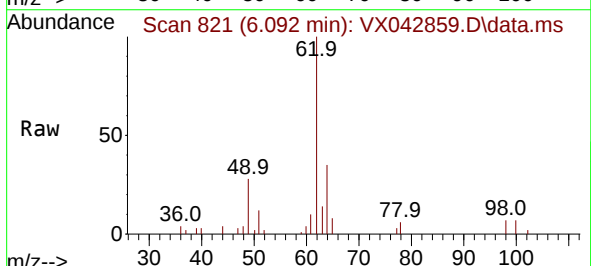
08/07/2024

Supervised By :Mahesh
Dadoda

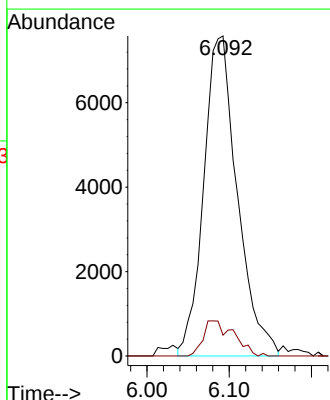
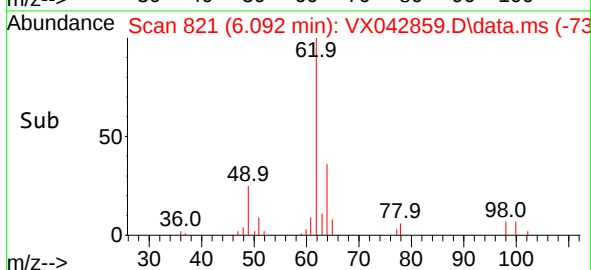
08/08/2024

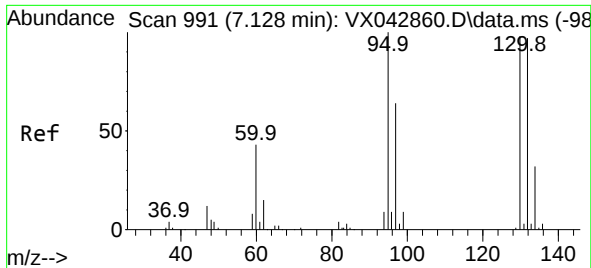


#36
1,2-Dichloroethane
Concen: 4.975 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.007 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07



Tgt Ion: 62 Resp: 21580
Ion Ratio Lower Upper
62 100
98 3.7 6.8 10.2#





#37
Trichloroethene
Concen: 5.423 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 1613
Ion Ratio Lower Upper
130 100
95 104.6 81.4 122.2

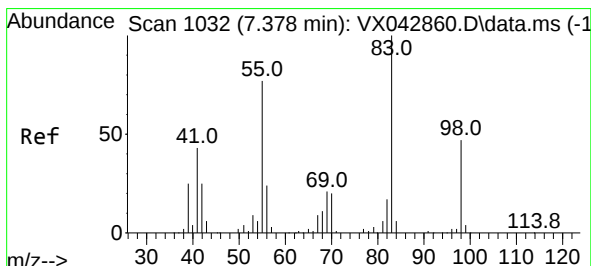
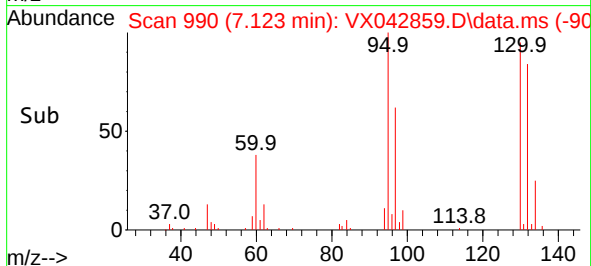
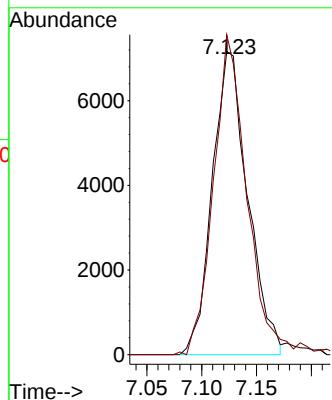
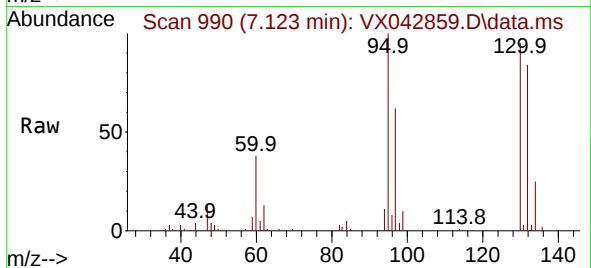
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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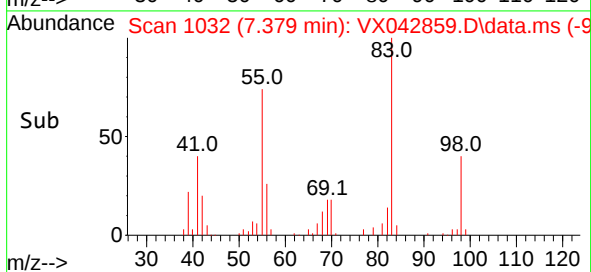
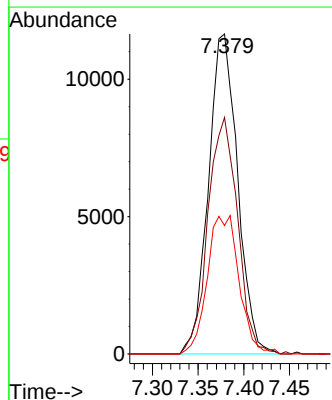
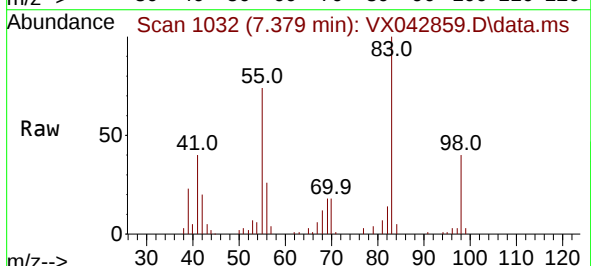
Supervised By :Mahesh
Dadoda

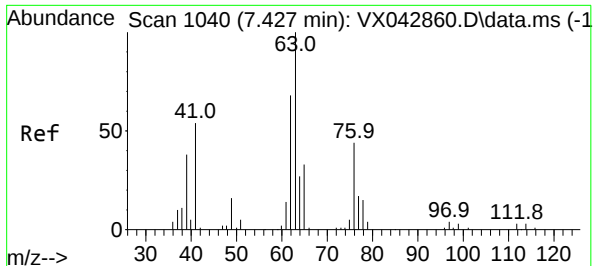
08/08/2024



#38
Methylcyclohexane
Concen: 5.684 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 83 Resp: 25864
Ion Ratio Lower Upper
83 100
55 75.0 38.0 113.9
98 28.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.033 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1508

Ion Ratio Lower Upper

63 100

65 24.1 26.6 39.8

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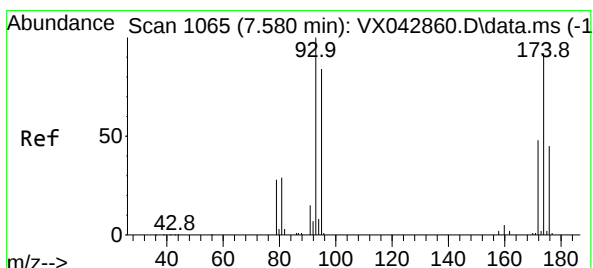
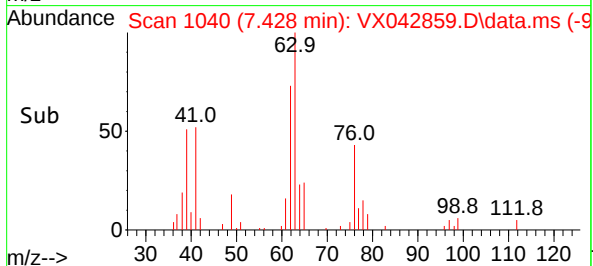
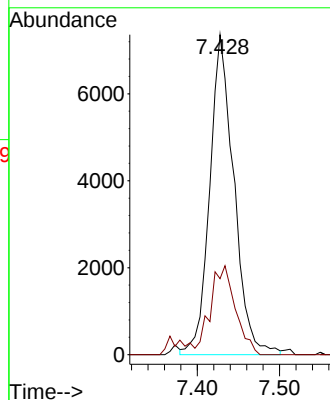
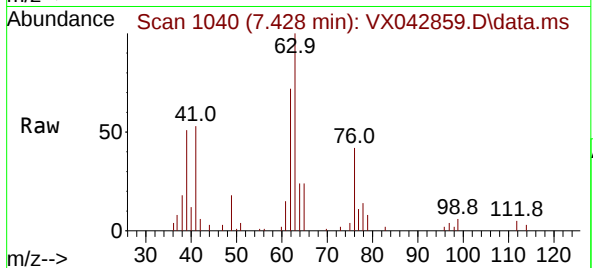
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Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#40

Dibromomethane

Concen: 5.013 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

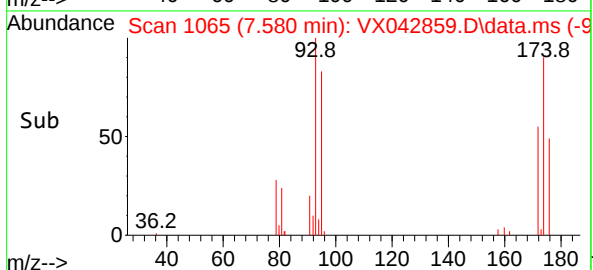
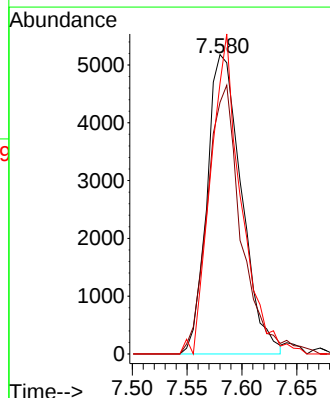
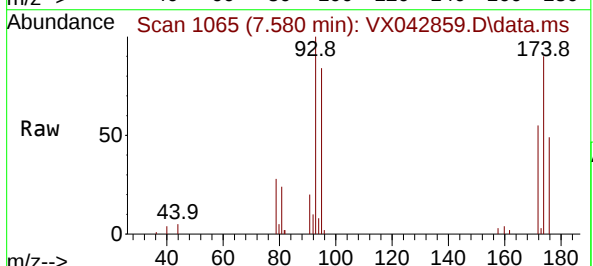
Tgt Ion: 93 Resp: 11342

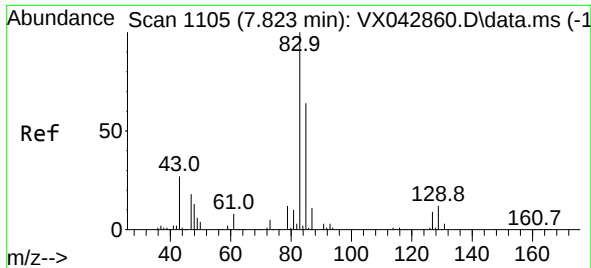
Ion Ratio Lower Upper

93 100

95 88.6 0.0 161.8

174 92.4 0.0 194.0





#41
Bromodichloromethane
Concen: 4.923 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

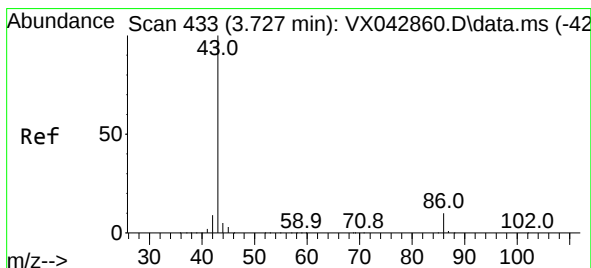
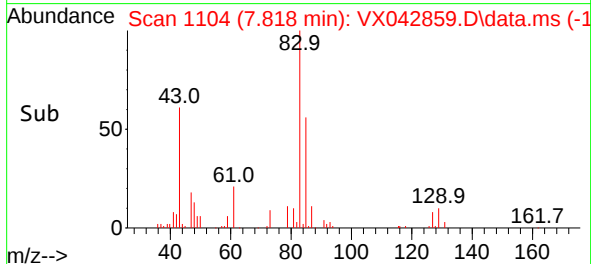
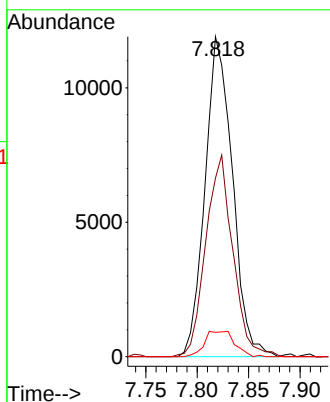
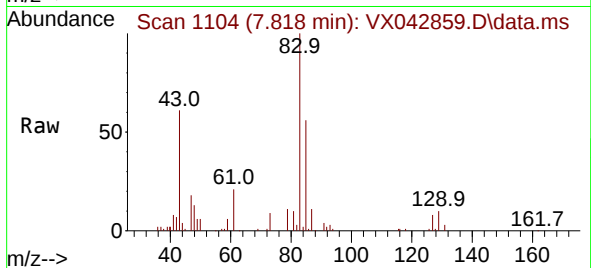
Tgt Ion: 83 Resp: 22085
Ion Ratio Lower Upper
83 100
85 55.4 50.8 76.2
127 7.6 6.9 10.3

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Reviewed By :John
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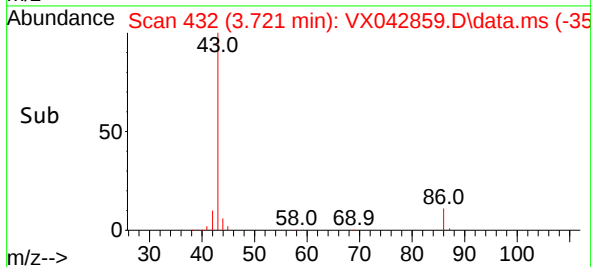
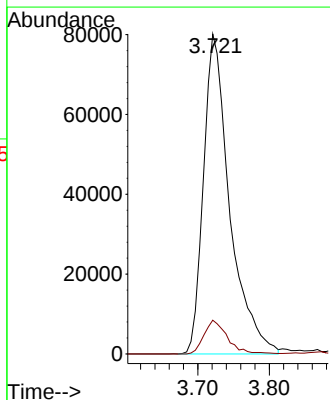
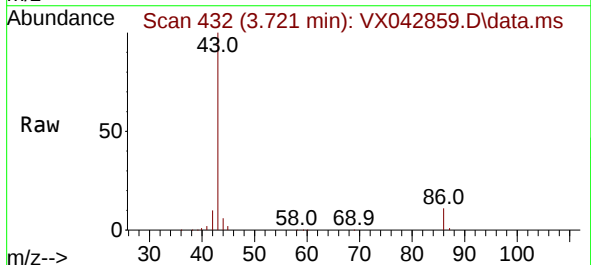
08/07/2024
Supervised By :Mahesh
Dadoda

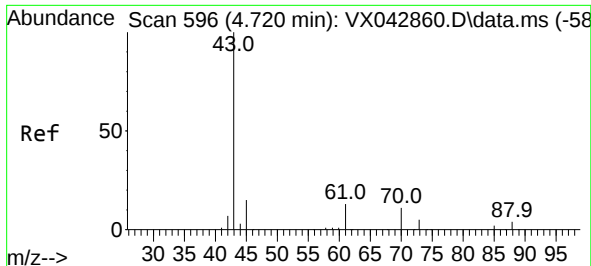
08/08/2024



#42
Vinyl Acetate
Concen: 25.831 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

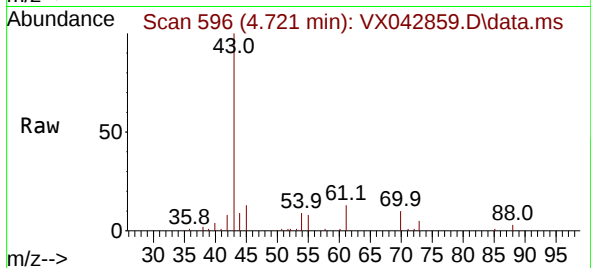
Tgt Ion: 43 Resp: 204252
Ion Ratio Lower Upper
43 100
86 9.2 7.2 10.8





#43
Ethyl Acetate
Concen: 5.153 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



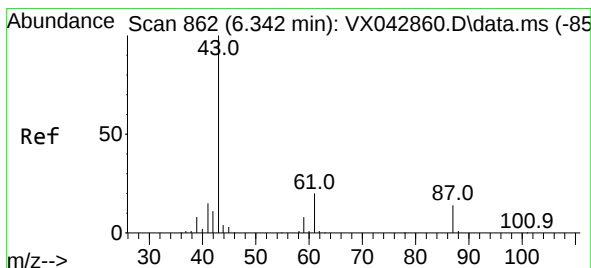
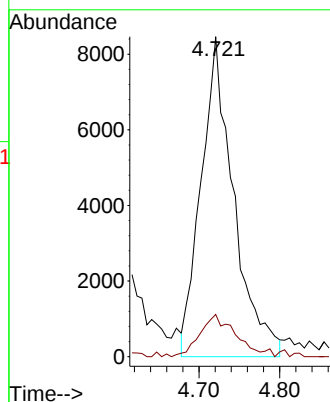
Tgt Ion: 43 Resp: 23699
Ion Ratio Lower Upper
43 100
45 0.2 12.5 18.7

Manual Integrations
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Reviewed By :John
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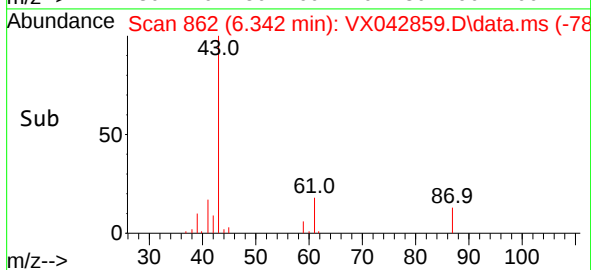
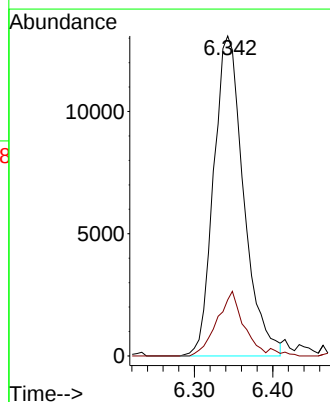
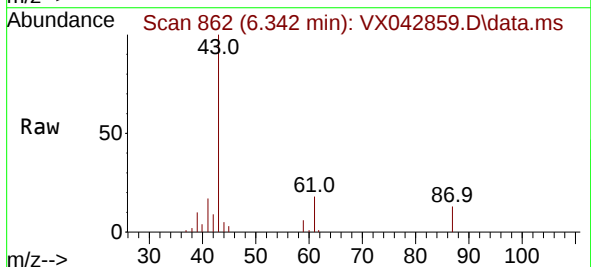
08/07/2024
Supervised By :Mahesh
Dadoda

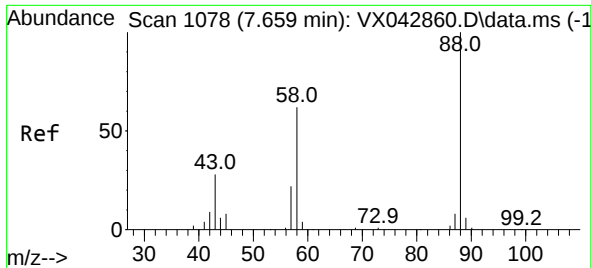
08/08/2024



#44
Isopropyl Acetate
Concen: 4.770 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 43 Resp: 34820
Ion Ratio Lower Upper
43 100
61 17.8 15.4 23.0





#45
1,4-Dioxane
Concen: 88.847 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

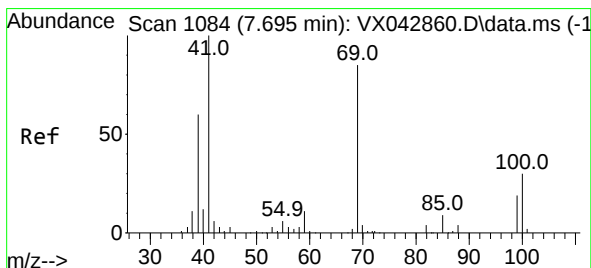
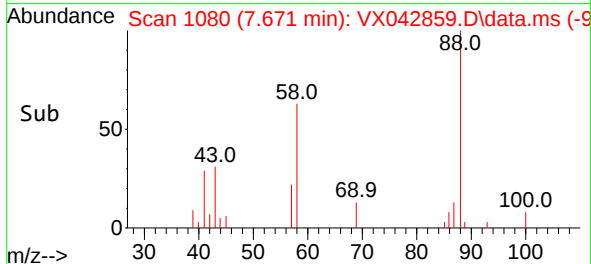
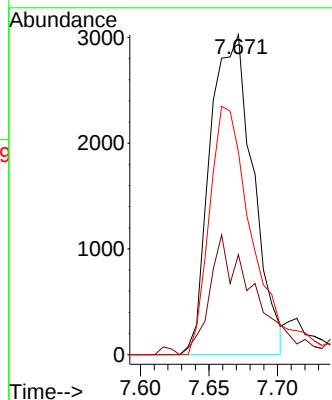
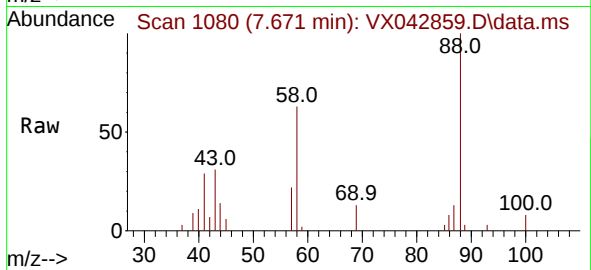
Tgt Ion: 88	Resp: 660
Ion Ratio	Lower Upper
88 100	
43 38.8	25.8 38.6
58 78.6	55.5 83.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

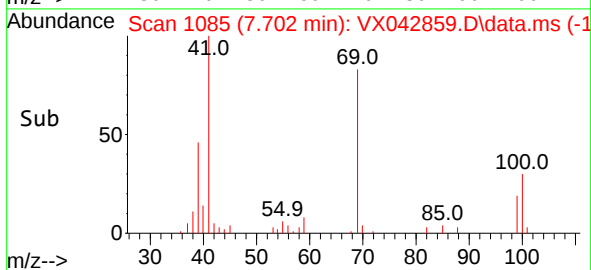
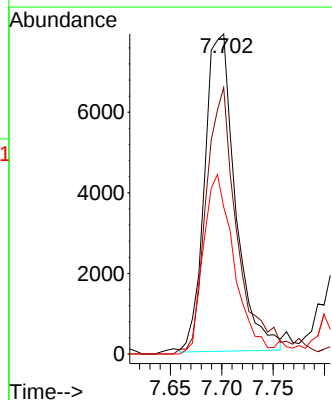
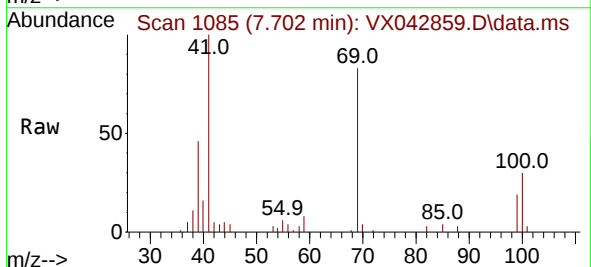
08/07/2024
Supervised By :Mahesh
Dadoda

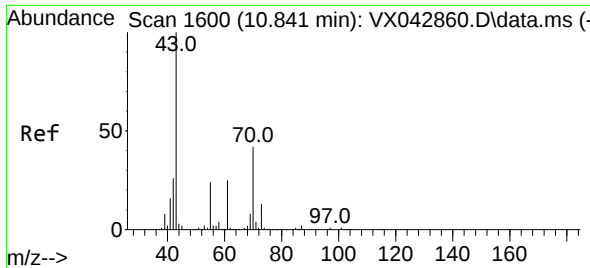
08/08/2024



#46
Methyl methacrylate
Concen: 4.529 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

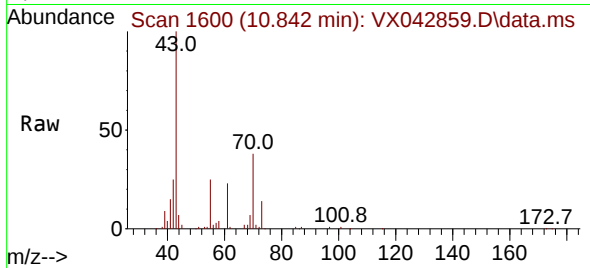
Tgt Ion: 41	Resp: 16427
Ion Ratio	Lower Upper
41 100	
69 82.7	42.4 127.1
39 46.5	29.9 89.7





#47
n-amyl Acetate
Concen: 4.603 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



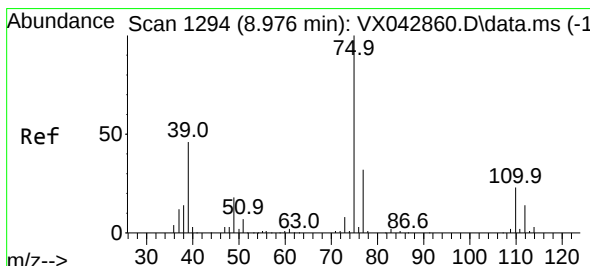
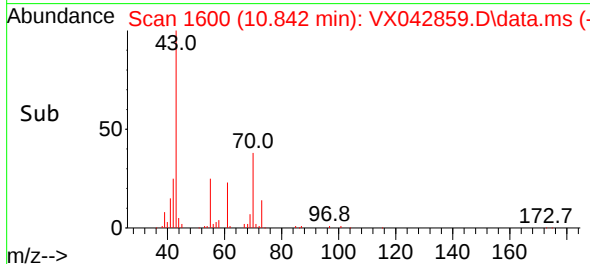
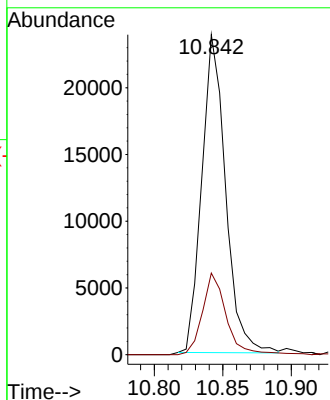
Tgt Ion: 43 Resp: 28744
Ion Ratio Lower Upper
43 100
55 25.8 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

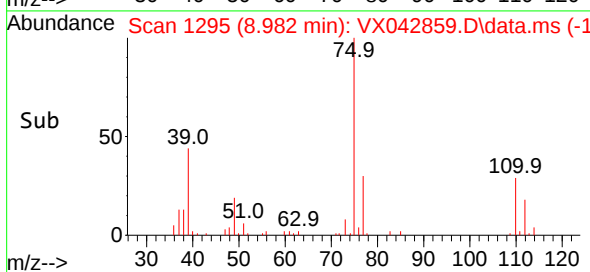
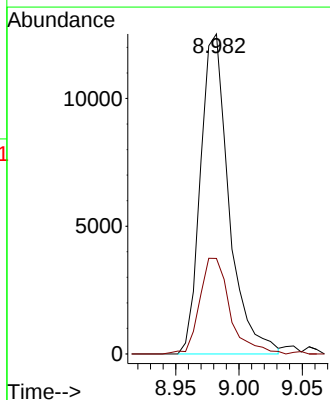
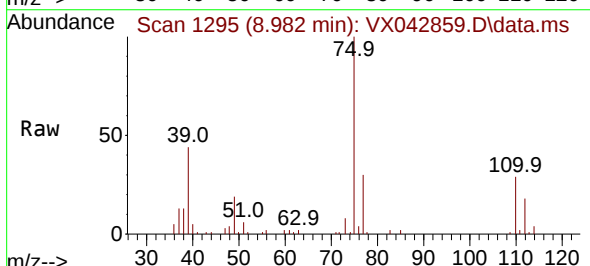
08/07/2024
Supervised By :Mahesh
Dadoda

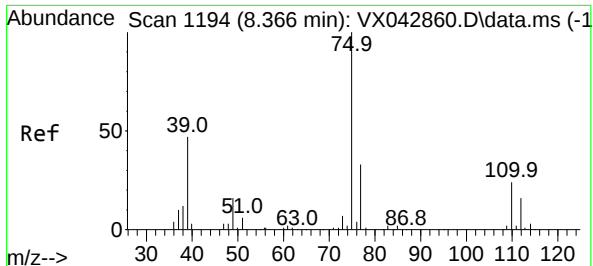
08/08/2024



#48
t-1,3-Dichloropropene
Concen: 4.560 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.007 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 75 Resp: 19613
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 4.699 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 2188

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.8	40.2
39	46.2	37.5	56.3

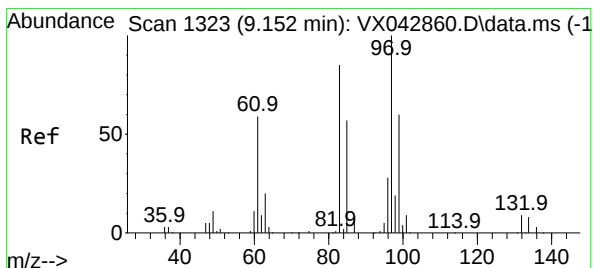
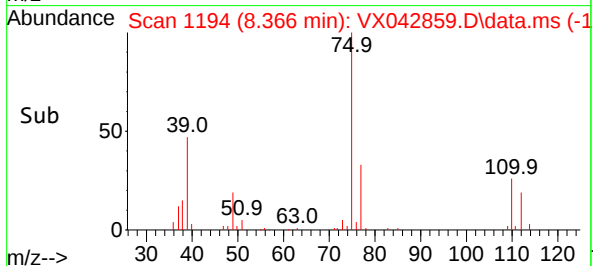
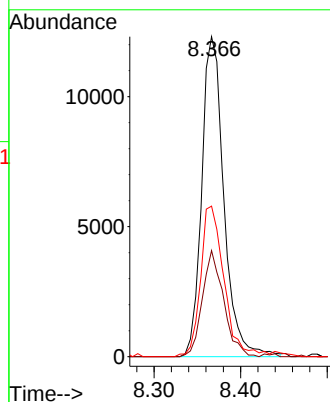
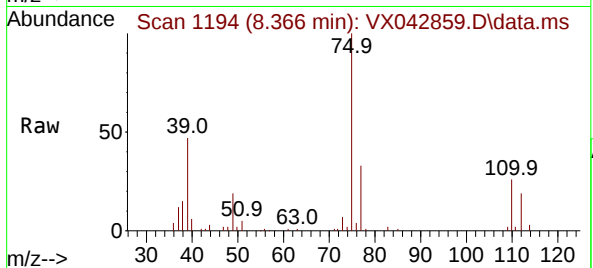
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#50

1,1,2-Trichloroethane

Concen: 4.897 ug/l

RT: 9.153 min Scan# 1323

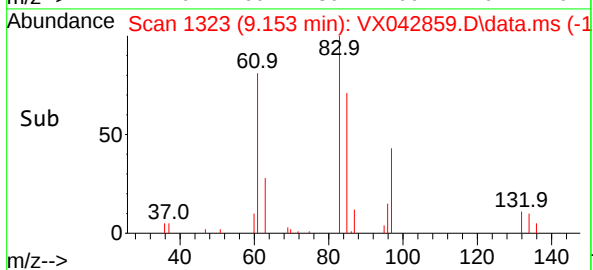
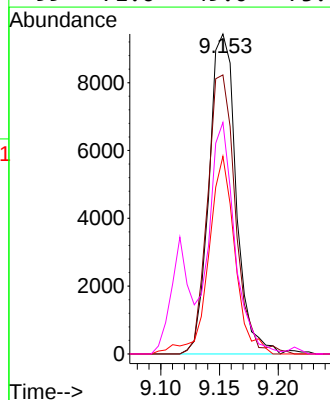
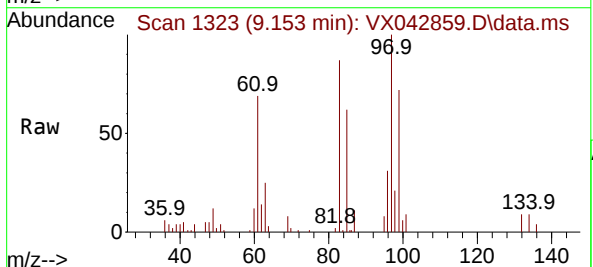
Delta R.T. 0.000 min

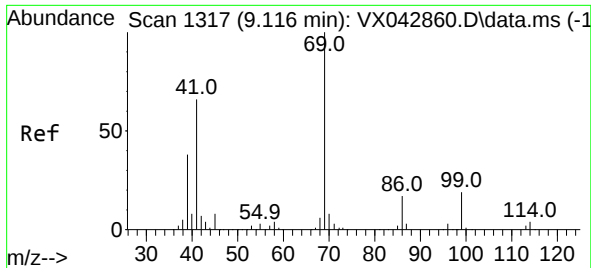
Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Tgt Ion: 97 Resp: 15111

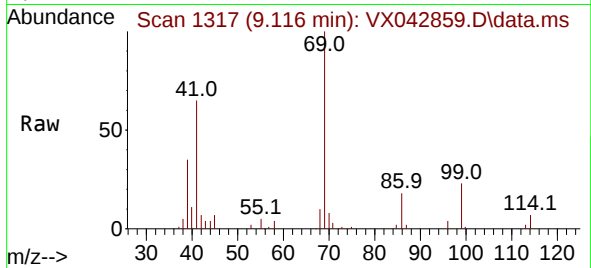
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	61.8	45.4	68.0
99	71.6	49.0	73.4





#51
Ethyl methacrylate
Concen: 4.563 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



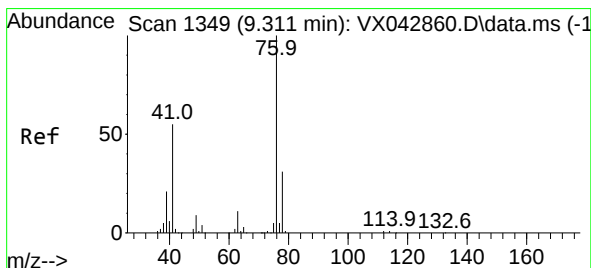
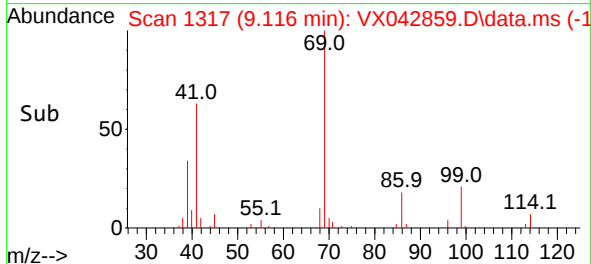
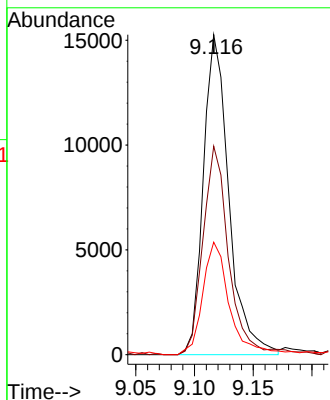
Tgt Ion: 69 Resp: 23038
Ion Ratio Lower Upper
69 100
41 65.1 33.1 99.2
39 35.2 18.8 56.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

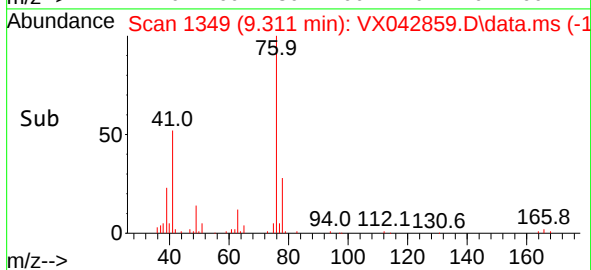
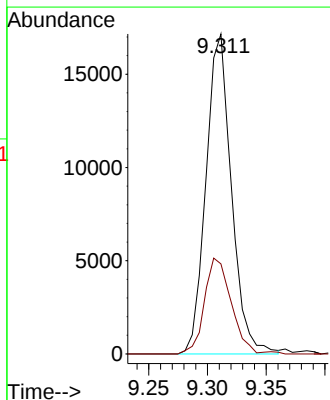
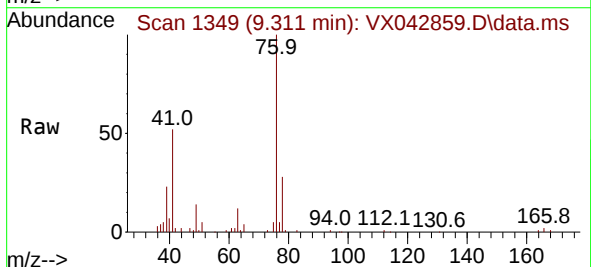
08/07/2024
Supervised By :Mahesh
Dadoda

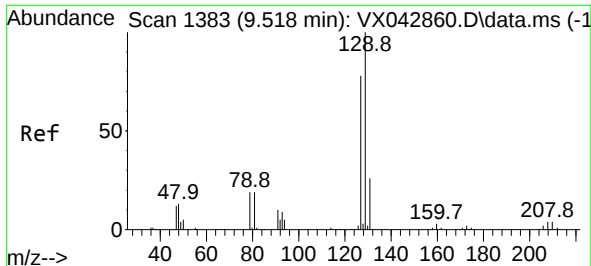
08/08/2024



#52
1,3-Dichloropropane
Concen: 5.110 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 76 Resp: 25877
Ion Ratio Lower Upper
76 100
78 31.2 0.0 64.8





#53
Dibromochloromethane
Concen: 4.769 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

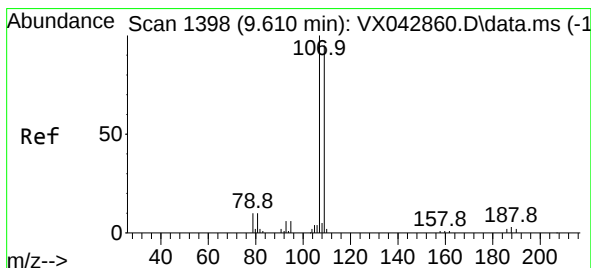
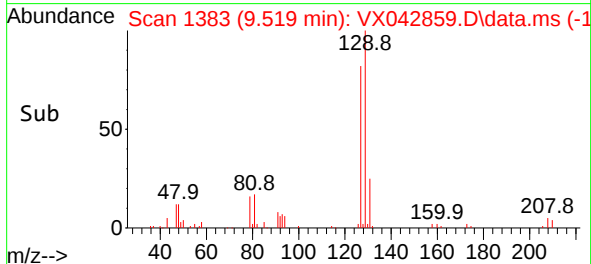
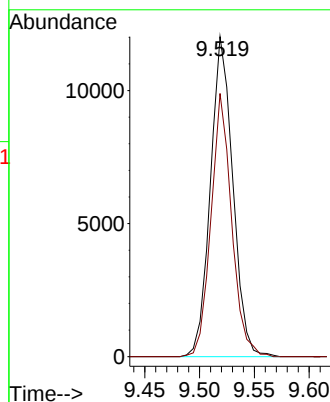
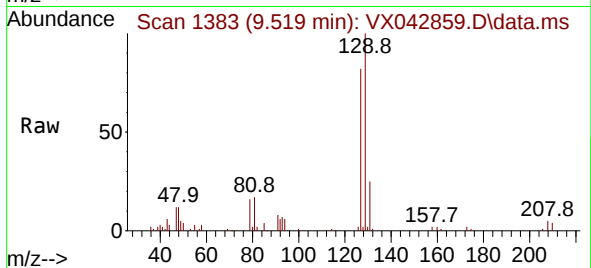
Tgt Ion:129 Resp: 17120
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

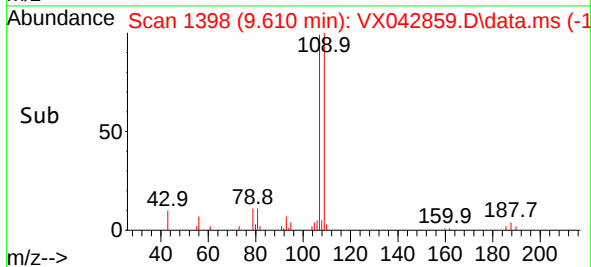
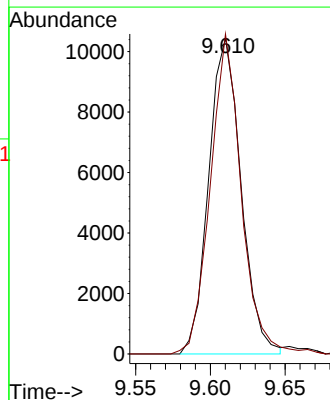
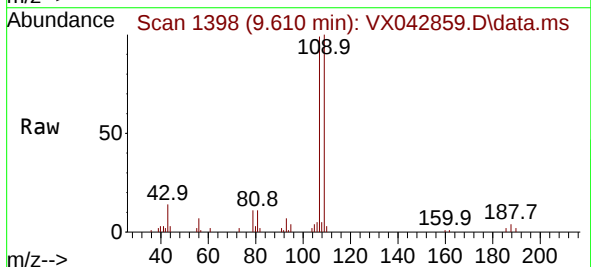
08/07/2024
Supervised By :Mahesh
Dadoda

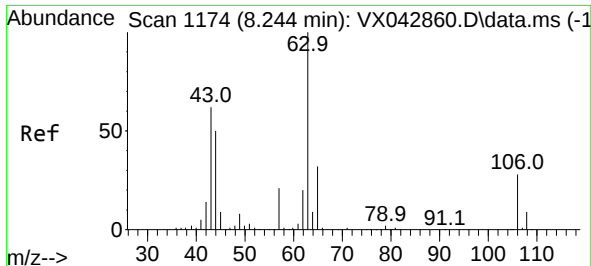
08/08/2024



#54
1,2-Dibromoethane
Concen: 4.892 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion:107 Resp: 15699
Ion Ratio Lower Upper
107 100
109 96.4 74.2 111.4





#55

2-Chloroethyl vinyl ether

Concen: 20.348 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 4744

Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.3	39.5
106	27.9	21.8	32.6

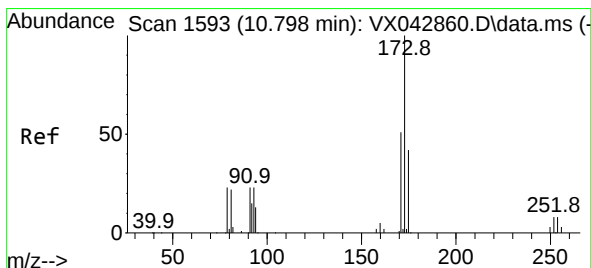
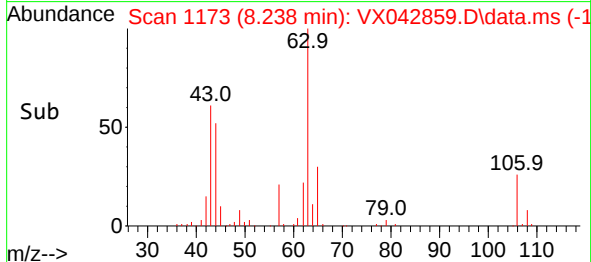
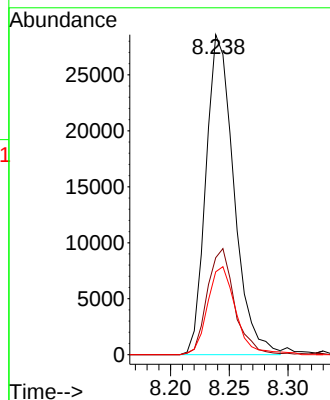
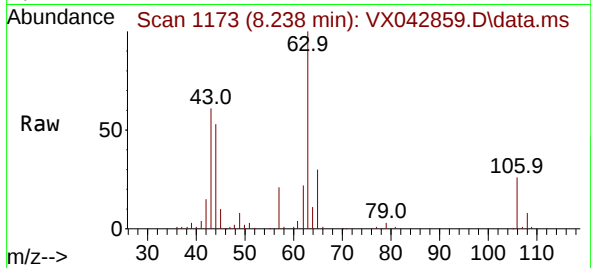
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#56

Bromoform

Concen: 4.394 ug/l

RT: 10.799 min Scan# 1593

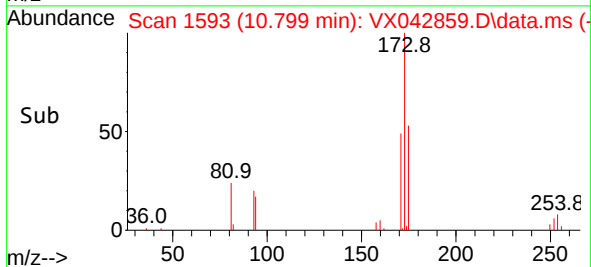
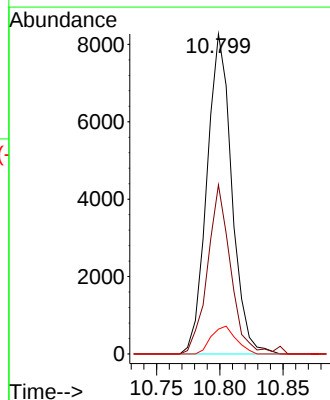
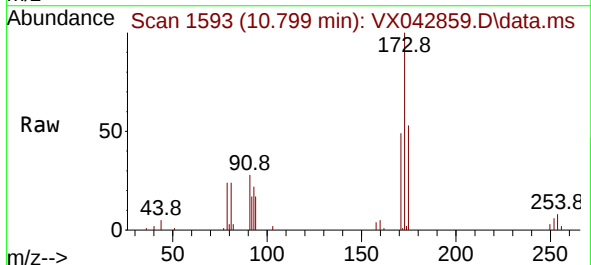
Delta R.T. 0.000 min

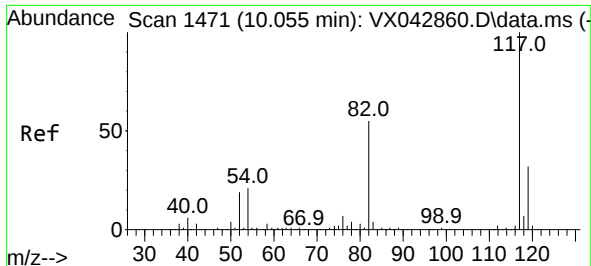
Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Tgt Ion:173 Resp: 11311

Ion	Ratio	Lower	Upper
173	100		
175	48.9	37.1	55.7
254	8.7	6.6	10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 117 Resp: 267754

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.9	67.3
119	32.4	25.4	38.2

Manual Integrations

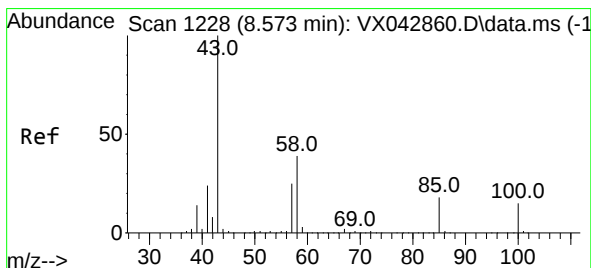
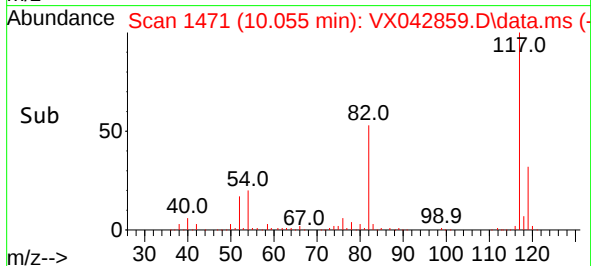
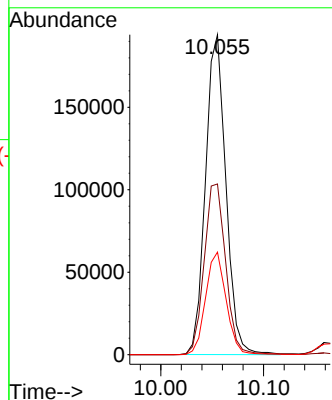
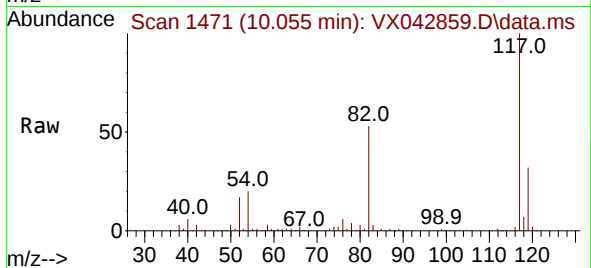
APPROVED

Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#58

4-Methyl-2-Pentanone

Concen: 23.639 ug/l

RT: 8.574 min Scan# 1228

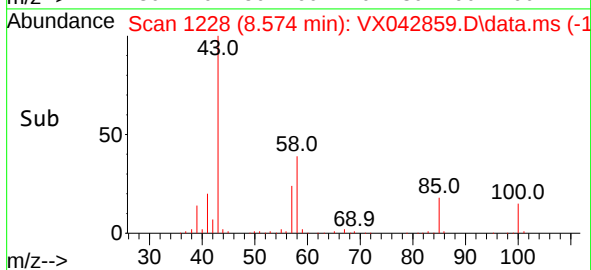
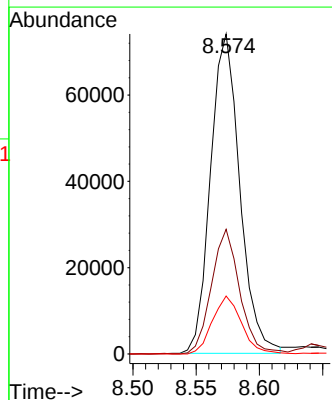
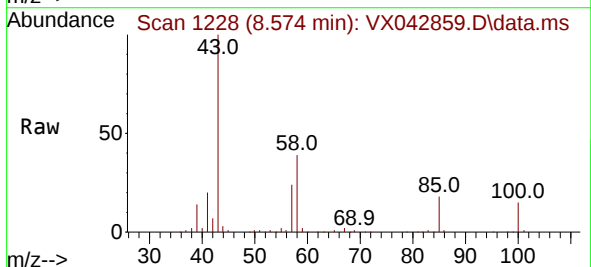
Delta R.T. 0.000 min

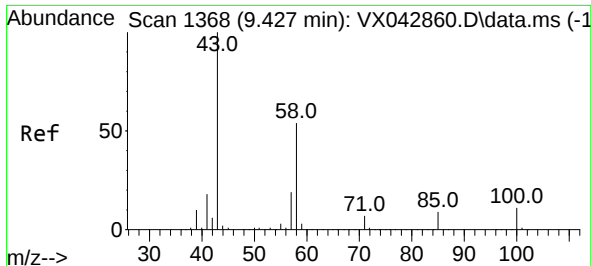
Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Tgt Ion: 43 Resp: 119196

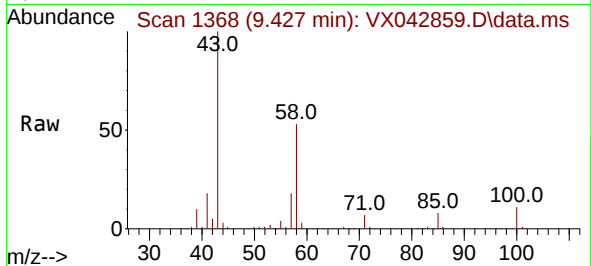
Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.4	47.0
85	18.1	14.6	21.8





#59
2-Hexanone
Concen: 26.011 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



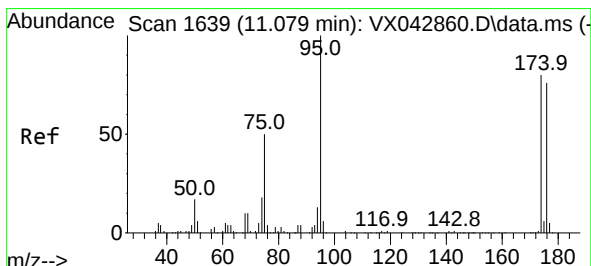
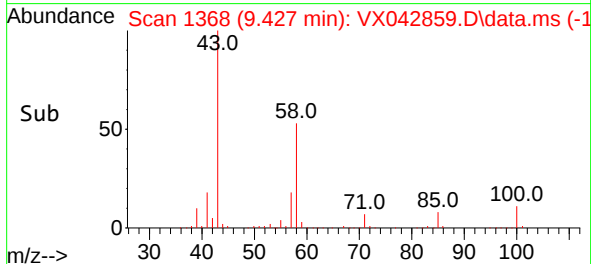
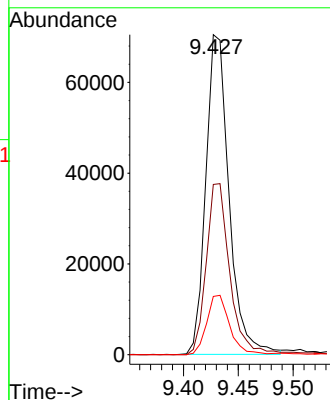
Tgt Ion: 43 Resp: 103664
Ion Ratio Lower Upper
43 100
58 54.2 43.5 65.3
57 18.3 15.0 22.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

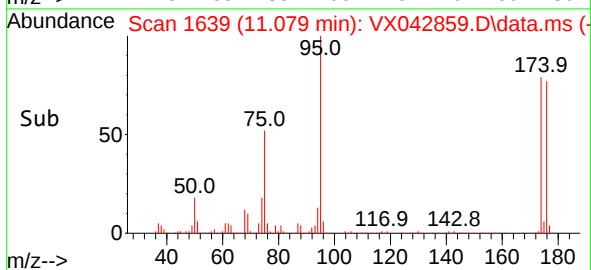
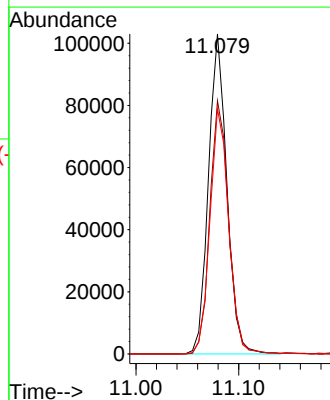
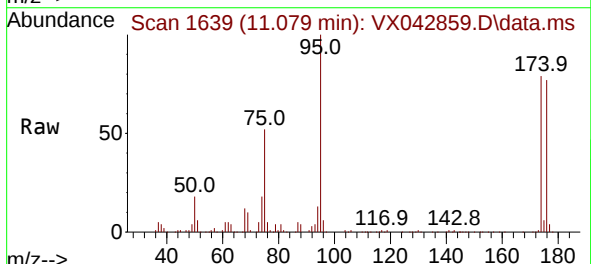
08/07/2024
Supervised By :Mahesh
Dadoda

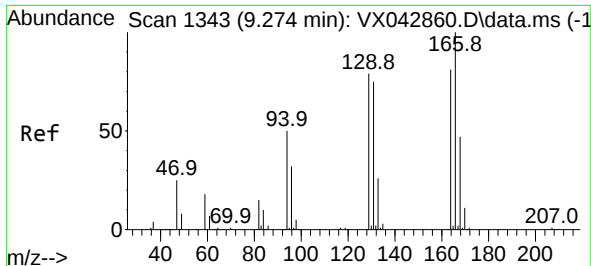
08/08/2024



#60
4-Bromofluorobenzene
Concen: 29.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

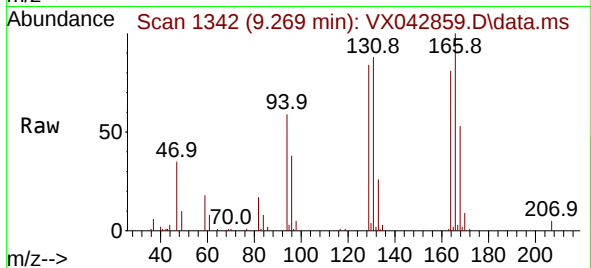
Tgt Ion: 95 Resp: 128310
Ion Ratio Lower Upper
95 100
174 80.9 65.0 97.6
176 78.0 63.4 95.0





#61
Tetrachloroethene
Concen: 5.485 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



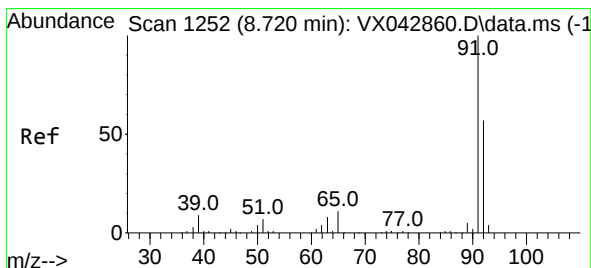
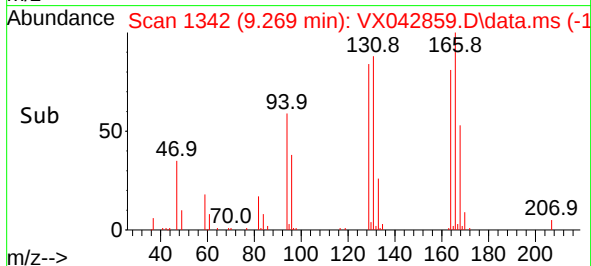
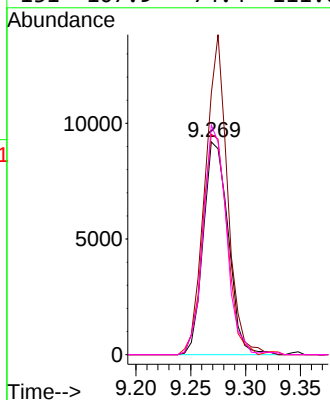
Tgt Ion:164 Resp: 1458
Ion Ratio Lower Upper
164 100
166 122.9 98.6 147.8
129 103.6 77.4 116.0
131 107.9 74.4 111.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

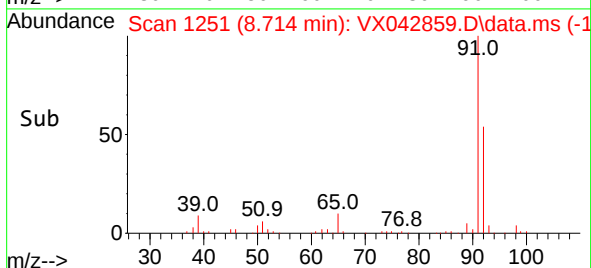
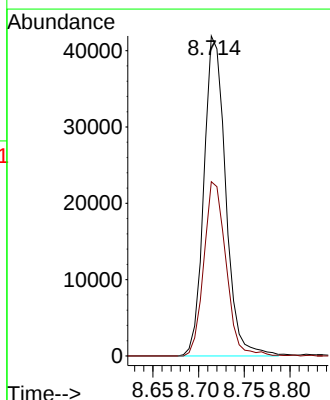
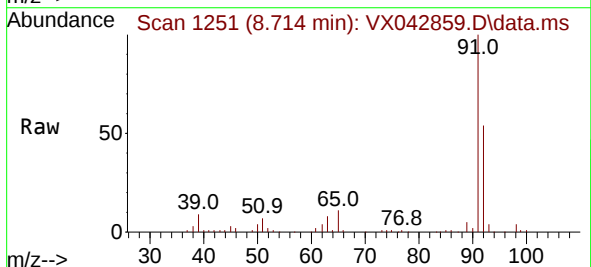
08/07/2024
Supervised By :Mahesh
Dadoda

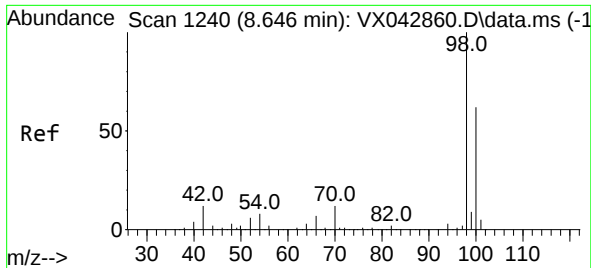
08/08/2024



#62
Toluene
Concen: 5.308 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

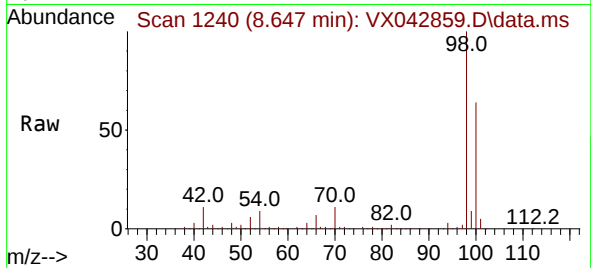
Tgt Ion: 91 Resp: 69609
Ion Ratio Lower Upper
91 100
92 55.3 45.7 68.5





#63
Toluene-d8
Concen: 30.304 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



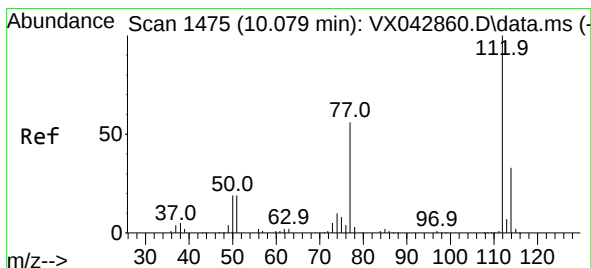
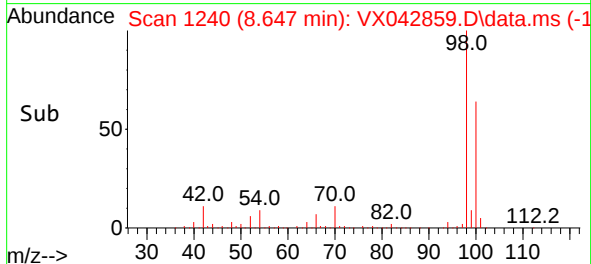
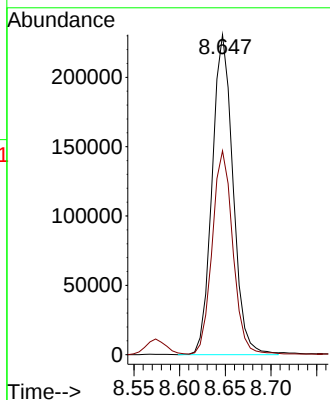
Tgt Ion: 98 Resp: 366512
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

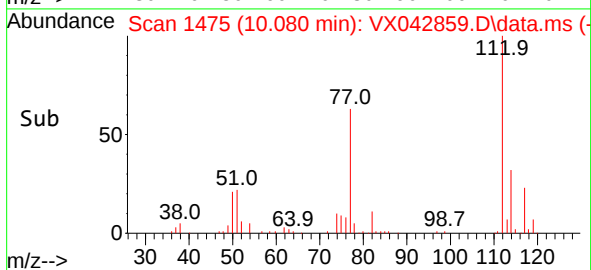
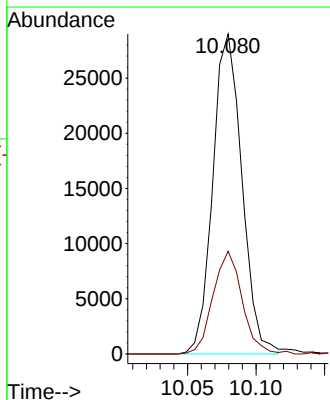
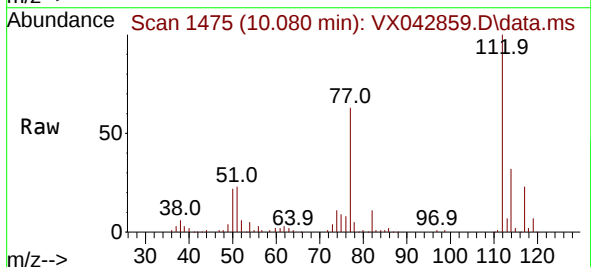
08/07/2024
Supervised By :Mahesh
Dadoda

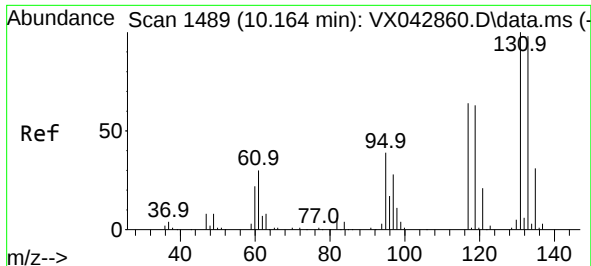
08/08/2024



#64
Chlorobenzene
Concen: 5.100 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

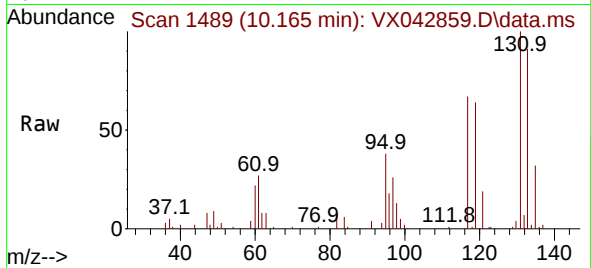
Tgt Ion:112 Resp: 42809
Ion Ratio Lower Upper
112 100
114 32.1 26.3 39.5





#65
1,1,1,2-Tetrachloroethane
Concen: 4.724 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



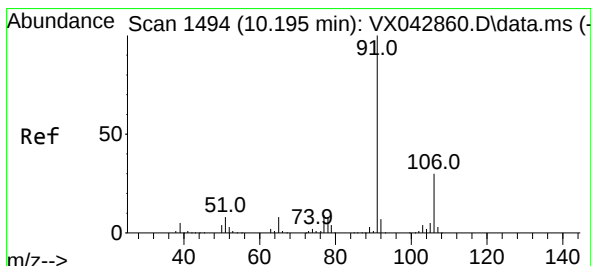
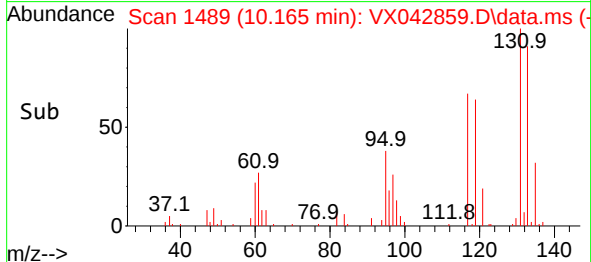
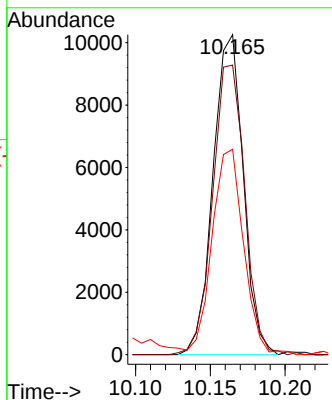
Tgt Ion:131 Resp: 1439
Ion Ratio Lower Upper
131 100
133 96.3 0.0 188.2
119 66.4 0.0 131.0

Manual Integrations
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Reviewed By :John
Carlone

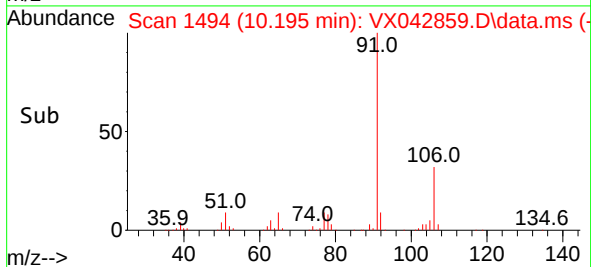
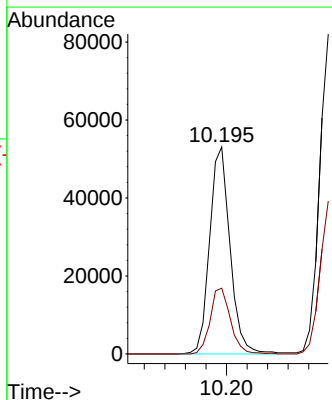
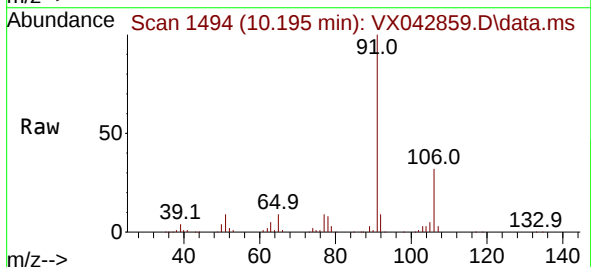
08/07/2024
Supervised By :Mahesh
Dadoda

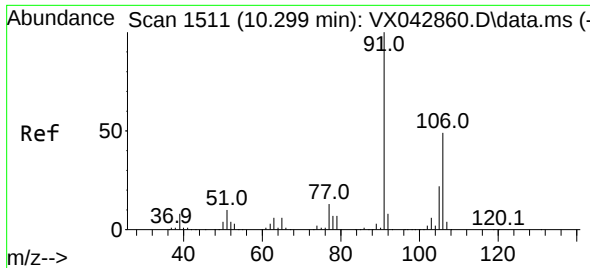
08/08/2024



#66
Ethyl Benzene
Concen: 5.027 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

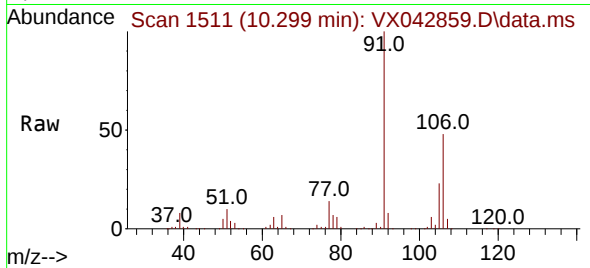
Tgt Ion: 91 Resp: 73281
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





#67
m/p-Xylenes
Concen: 10.052 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



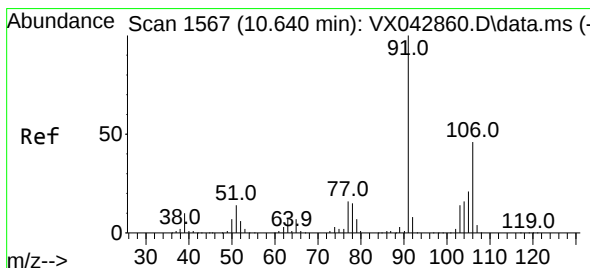
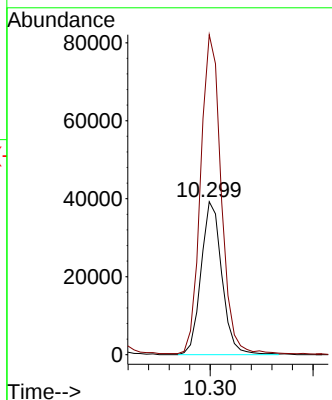
Tgt Ion:106 Resp: 55398
Ion Ratio Lower Upper
106 100
91 208.1 165.3 247.9

Manual Integrations
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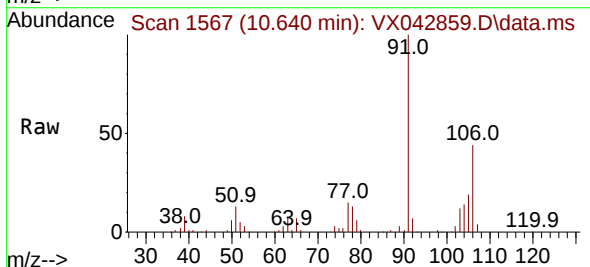
Reviewed By :John
Carlone

08/07/2024
Supervised By :Mahesh
Dadoda

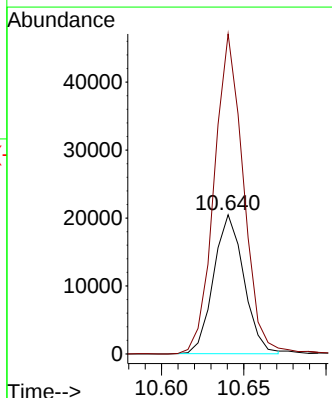
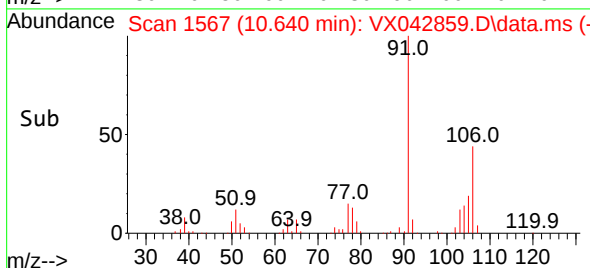
08/08/2024

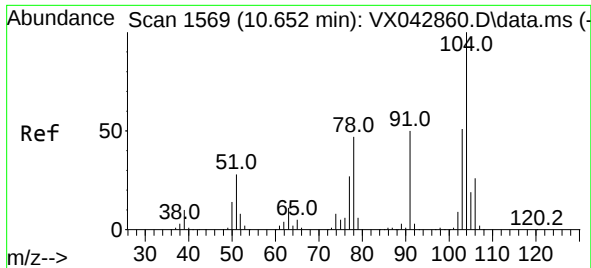


#68
o-Xylene
Concen: 4.830 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07



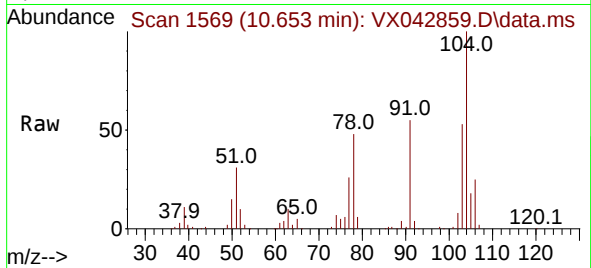
Tgt Ion:106 Resp: 26237
Ion Ratio Lower Upper
106 100
91 223.1 107.5 322.4





#69
Styrene
Concen: 4.801 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



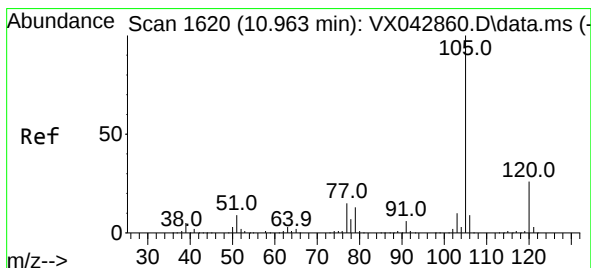
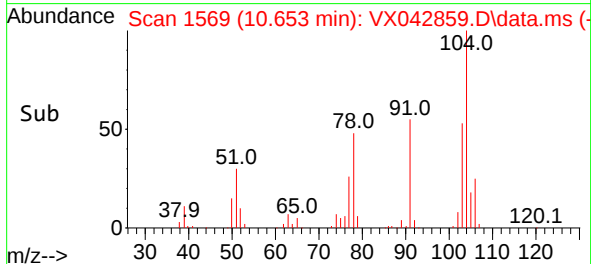
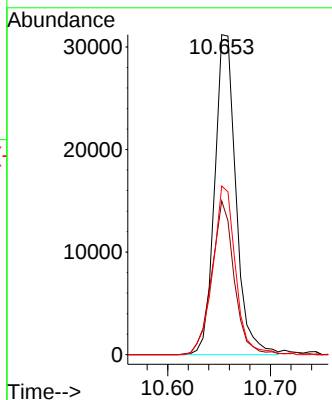
Tgt Ion:104 Resp: 44915
Ion Ratio Lower Upper
104 100
78 50.4 41.1 61.7
103 56.4 44.2 66.2

Manual Integrations
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Reviewed By :John
Carlone

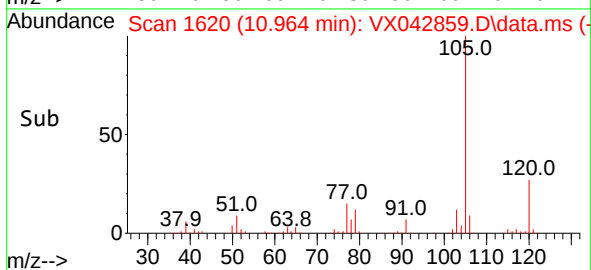
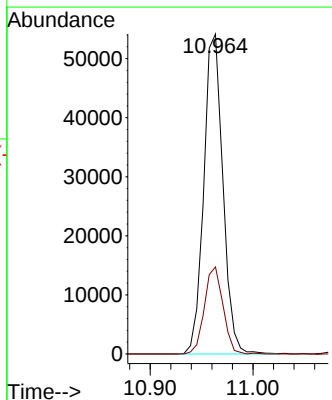
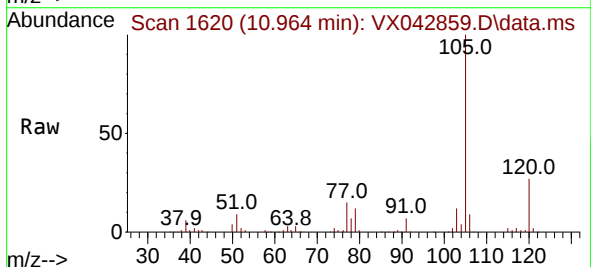
08/07/2024
Supervised By :Mahesh
Dadoda

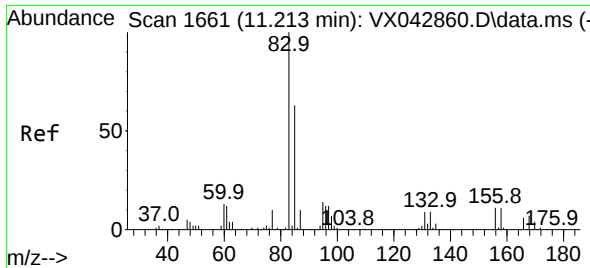
08/08/2024



#70
Isopropylbenzene
Concen: 4.913 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

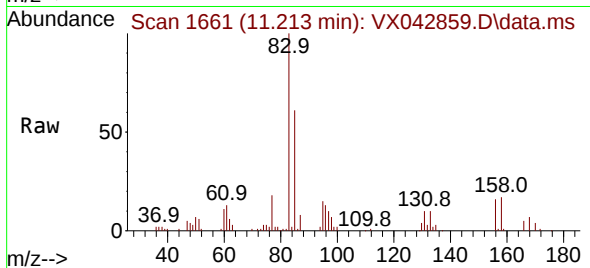
Tgt Ion:105 Resp: 70246
Ion Ratio Lower Upper
105 100
120 26.3 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 4.781 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



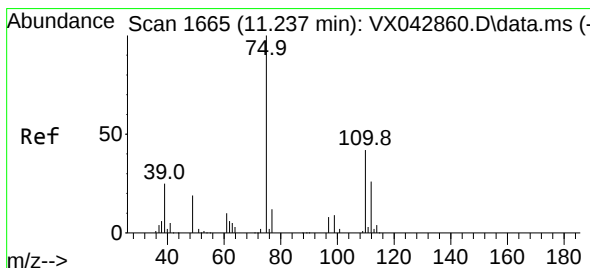
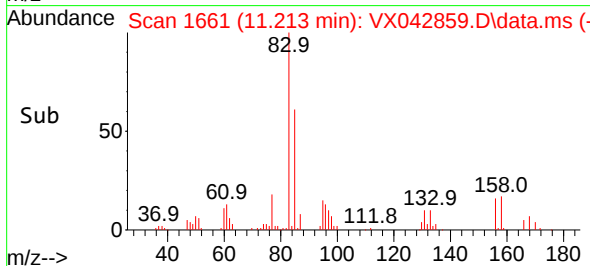
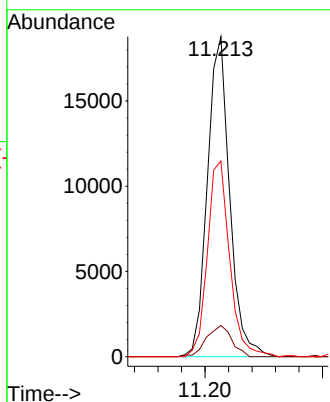
Tgt Ion: 83 Resp: 24650
Ion Ratio Lower Upper
83 100
131 11.1 4.9 14.7
85 61.1 32.0 96.2

Manual Integrations
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Reviewed By :John
Carlone

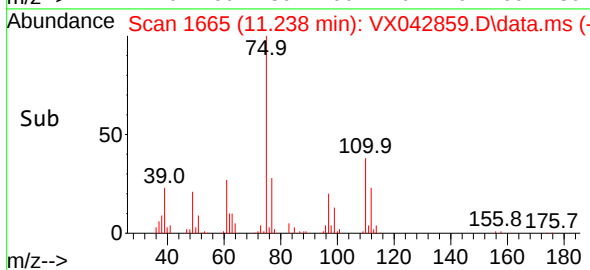
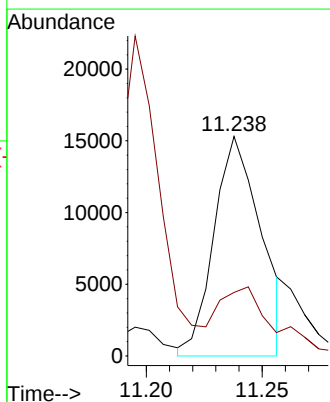
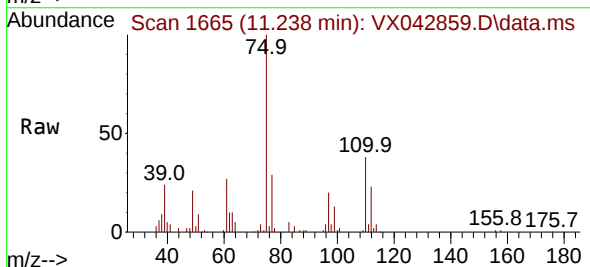
08/07/2024
Supervised By :Mahesh
Dadoda

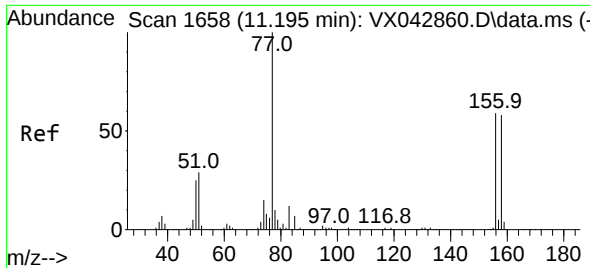
08/08/2024



#72
1,2,3-Trichloropropane
Concen: 5.113 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 75 Resp: 21536
Ion Ratio Lower Upper
75 100
77 37.0 0.0 89.6





#73
Bromobenzene
Concen: 5.148 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.007 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:156 Resp: 18704
Ion Ratio Lower Upper
156 100
77 152.6 0.0 317.2
158 90.8 0.0 195.2

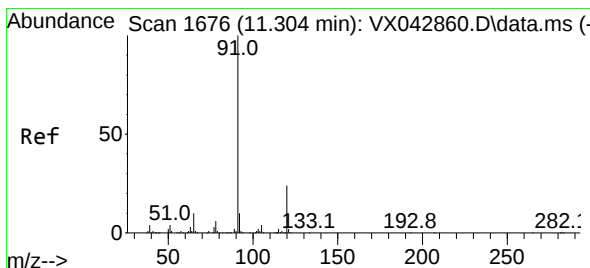
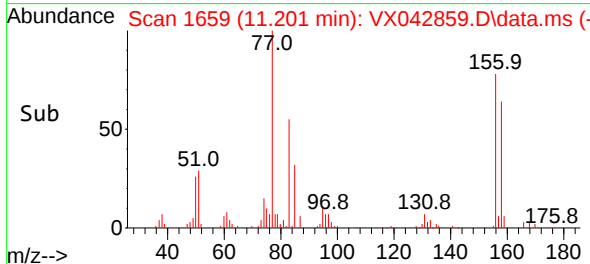
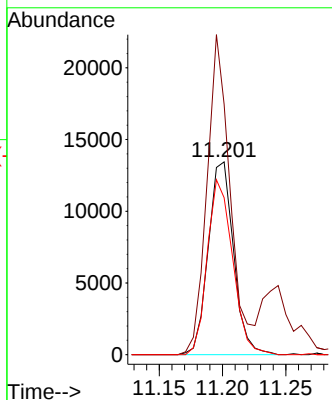
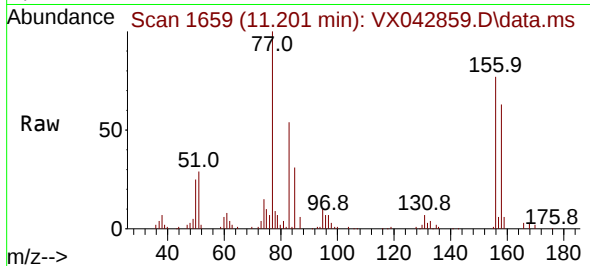
Manual Integrations
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Reviewed By :John
Carlone

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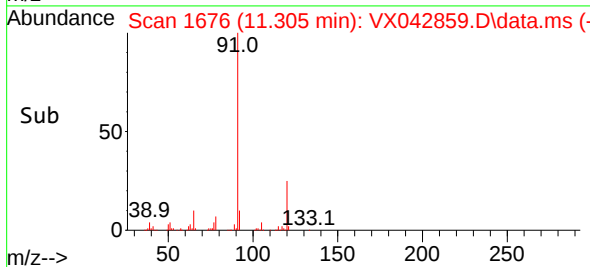
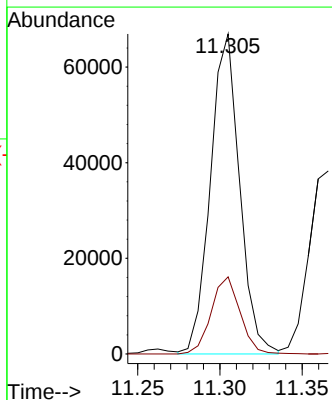
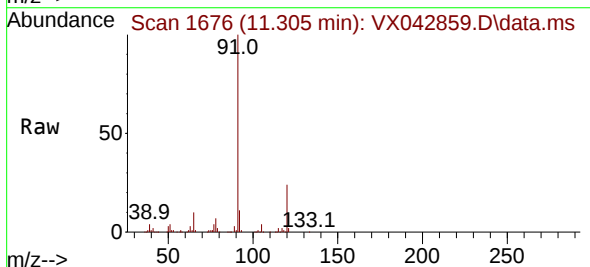
Supervised By :Mahesh
Dadoda

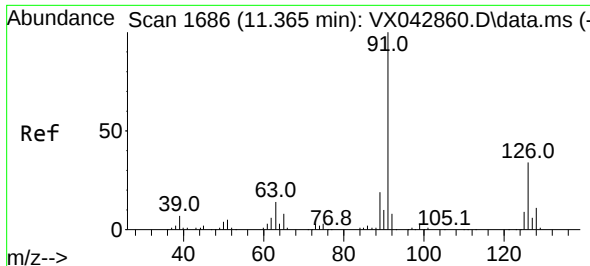
08/08/2024



#74
n-propylbenzene
Concen: 4.944 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 91 Resp: 82685
Ion Ratio Lower Upper
91 100
120 23.8 0.0 45.8





#75
2-Chlorotoluene
Concen: 4.990 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

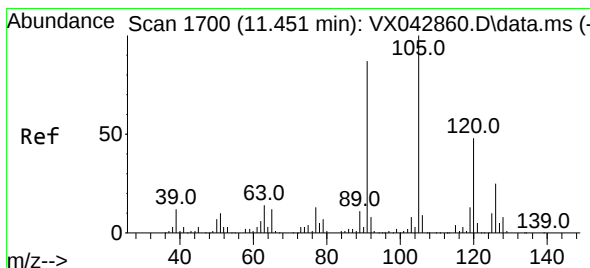
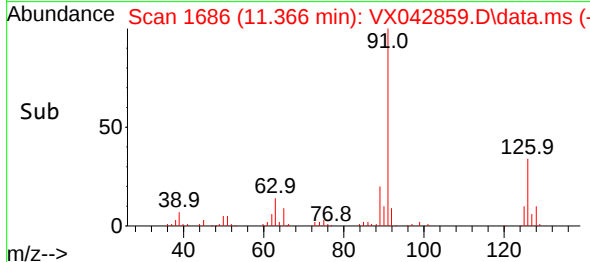
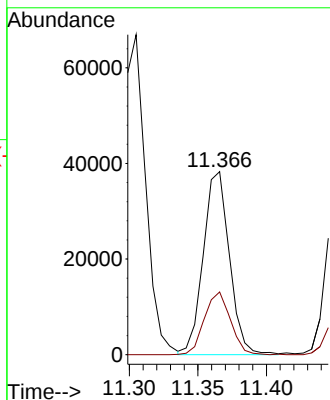
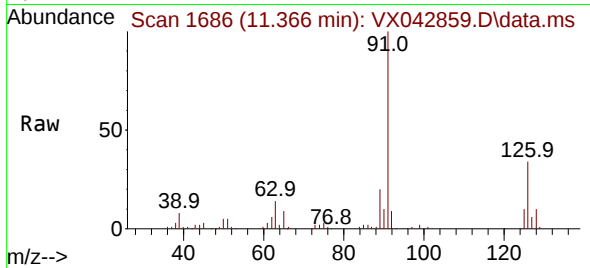
Tgt Ion: 91 Resp: 50945
Ion Ratio Lower Upper
91 100
126 34.0 0.0 66.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

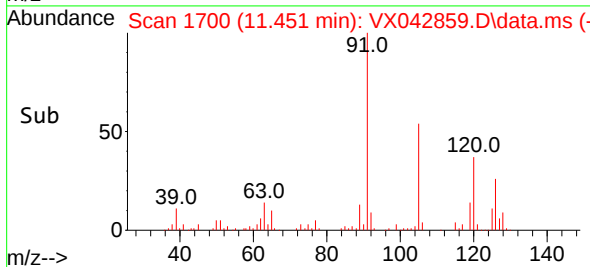
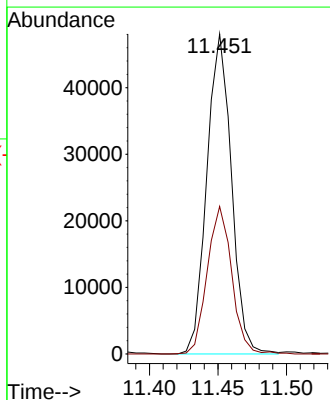
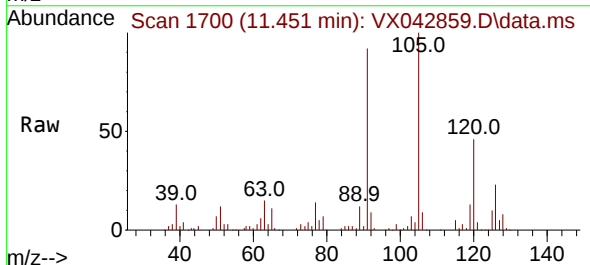
08/07/2024
Supervised By :Mahesh
Dadoda

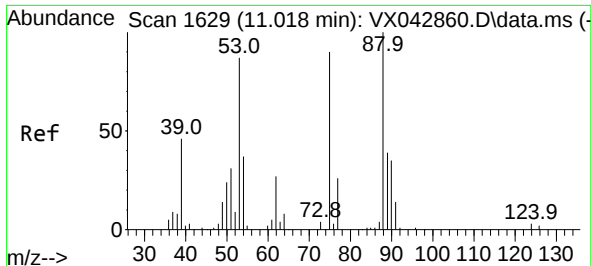
08/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.944 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

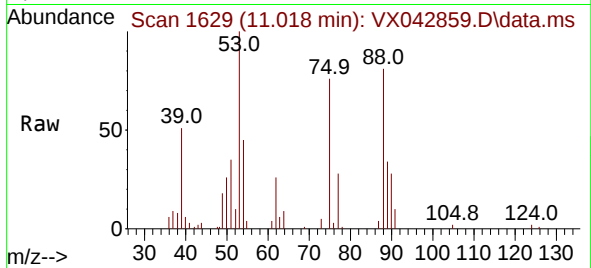
Tgt Ion:105 Resp: 59915
Ion Ratio Lower Upper
105 100
120 45.9 0.0 94.8





#77
t-1,4-Dichloro-2-butene
Concen: 3.788 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



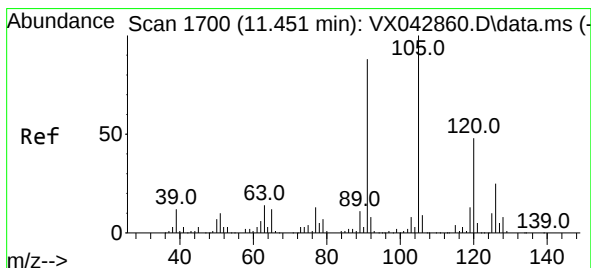
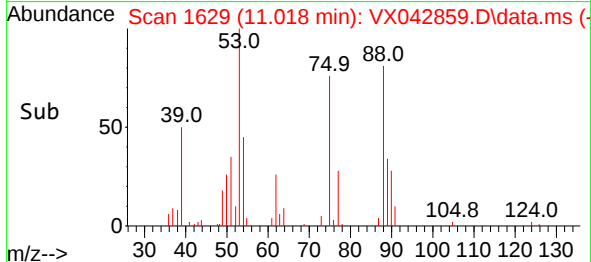
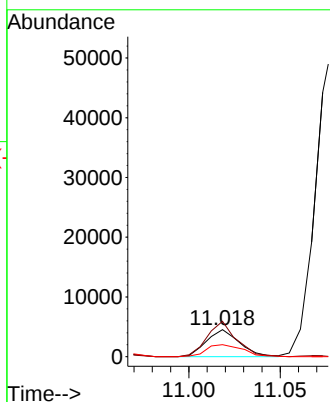
Tgt Ion: 75 Resp: 567
Ion Ratio Lower Upper
75 100
53 130.8 48.5 145.5
89 44.5 21.9 65.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

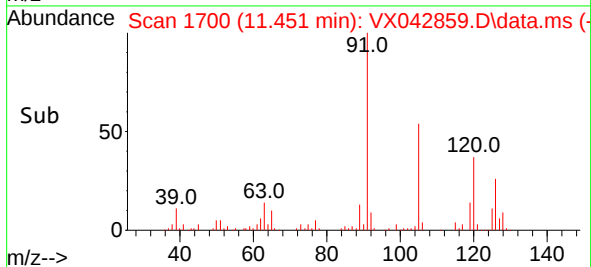
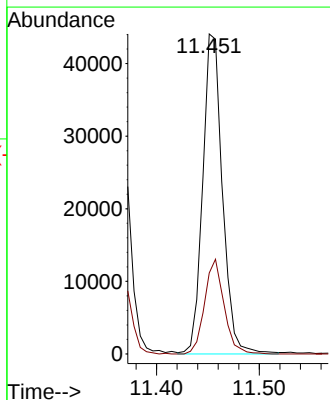
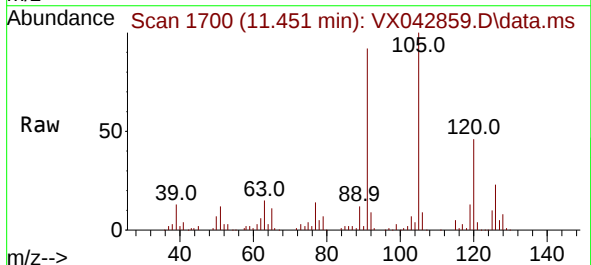
08/07/2024
Supervised By :Mahesh
Dadoda

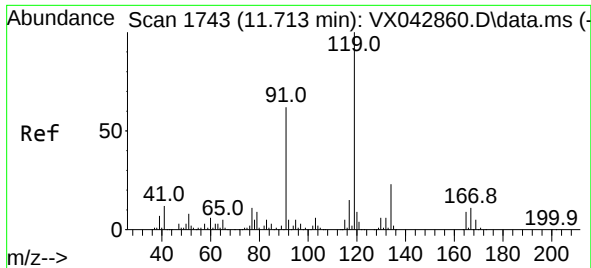
08/08/2024



#78
4-Chlorotoluene
Concen: 5.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

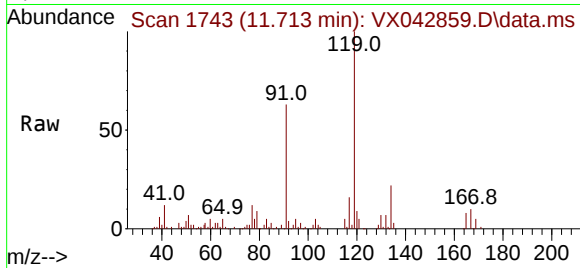
Tgt Ion: 91 Resp: 59115
Ion Ratio Lower Upper
91 100
126 29.1 0.0 59.4





#79
tert-butylbenzene
Concen: 4.800 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



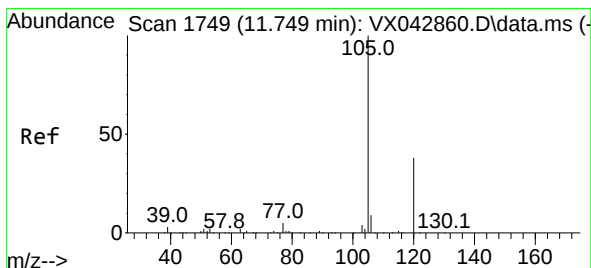
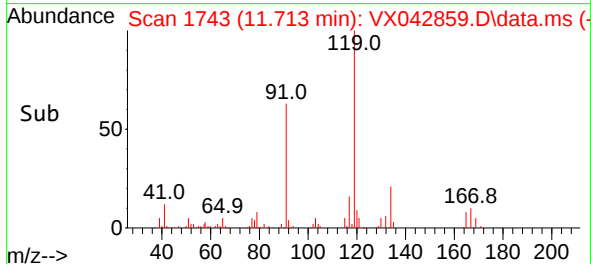
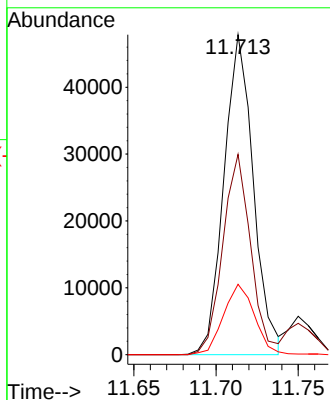
Tgt Ion:119 Resp: 5969
Ion Ratio Lower Upper
119 100
91 59.8 0.0 118.6
134 23.2 0.0 44.4

Manual Integrations
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Reviewed By :John
Carlone

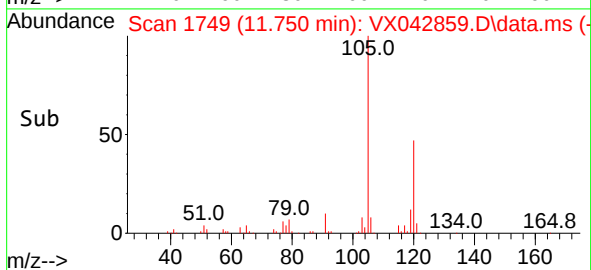
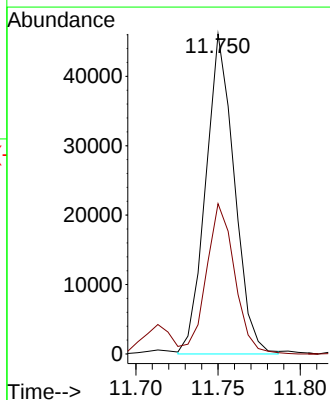
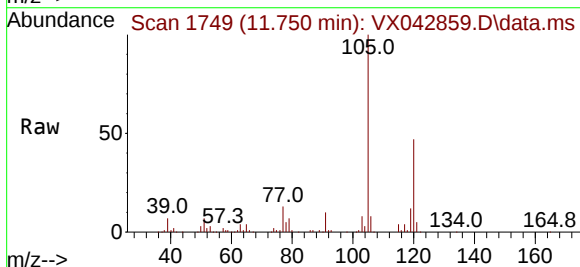
08/07/2024
Supervised By :Mahesh
Dadoda

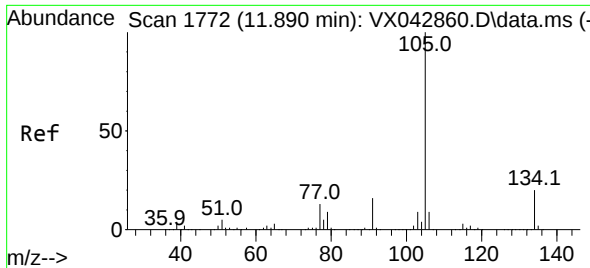
08/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.666 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

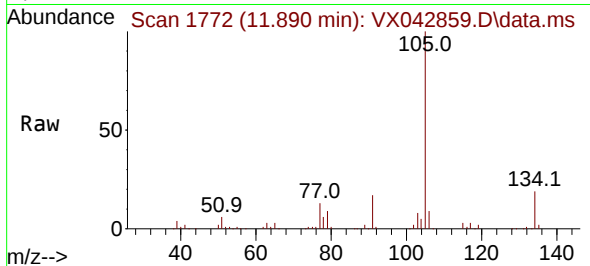
Tgt Ion:105 Resp: 55780
Ion Ratio Lower Upper
105 100
120 46.6 0.0 87.8





#81
 sec-Butylbenzene
 Concen: 4.883 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042859.D
 Acq: 06 Aug 2024 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



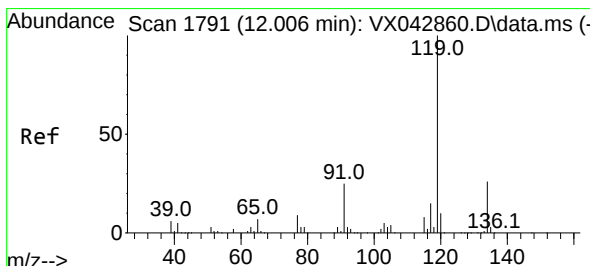
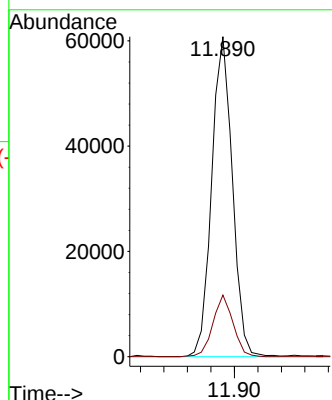
Tgt Ion:105 Resp: 74414
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 40.0

Manual Integrations
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Reviewed By :John
 Carlone

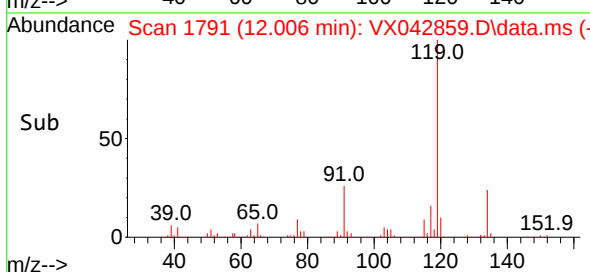
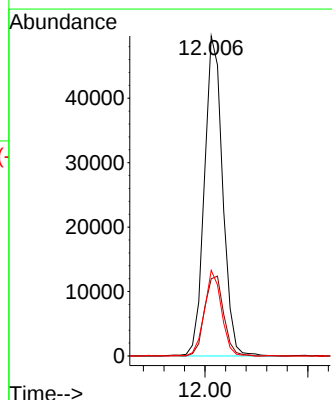
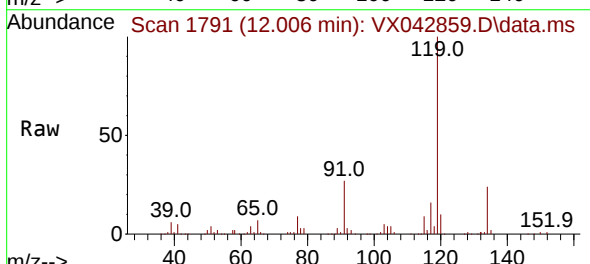
08/07/2024
 Supervised By :Mahesh
 Dadoda

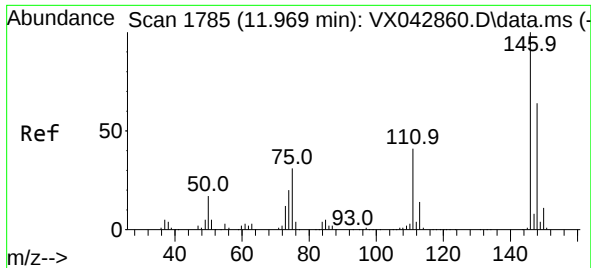
08/08/2024



#82
 p-Isopropyltoluene
 Concen: 4.794 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042859.D
 Acq: 06 Aug 2024 10:07

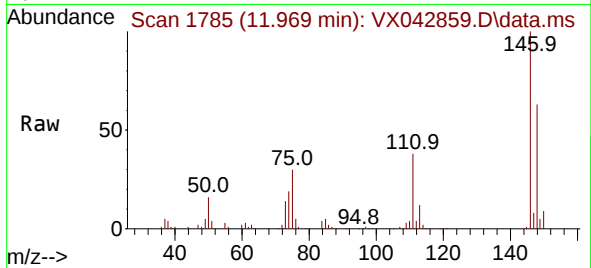
Tgt Ion:119 Resp: 61185
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 24.9 0.0 48.4





#83
1,3-Dichlorobenzene
Concen: 4.915 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



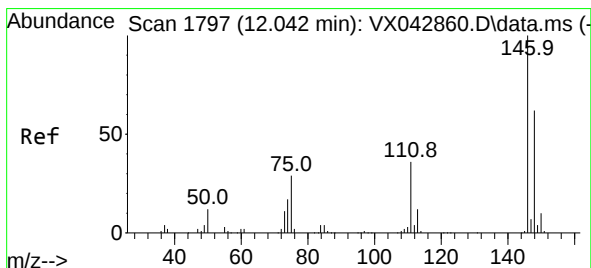
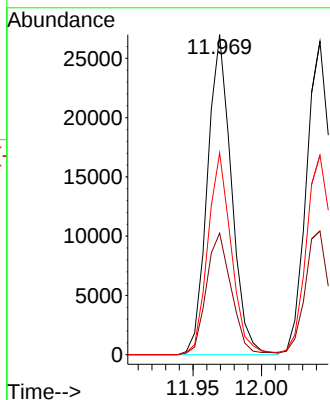
Tgt Ion:146 Resp: 32860
Ion Ratio Lower Upper
146 100
111 39.3 20.3 61.0
148 61.7 31.7 95.1

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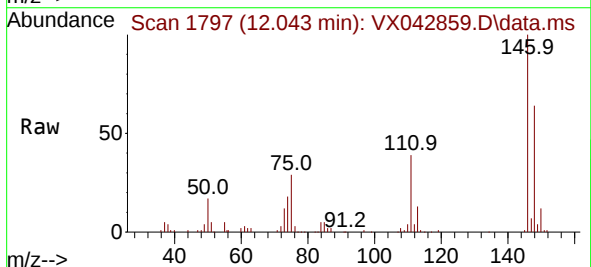
Reviewed By :John
Carlone

08/07/2024
Supervised By :Mahesh
Dadoda

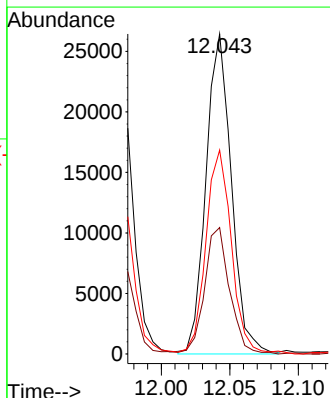
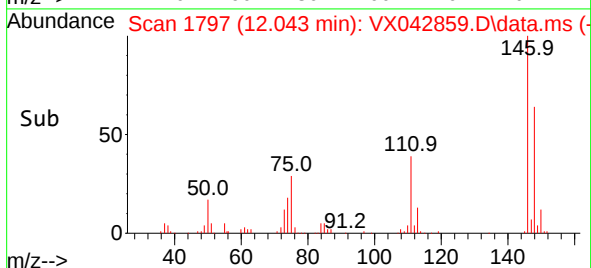
08/08/2024

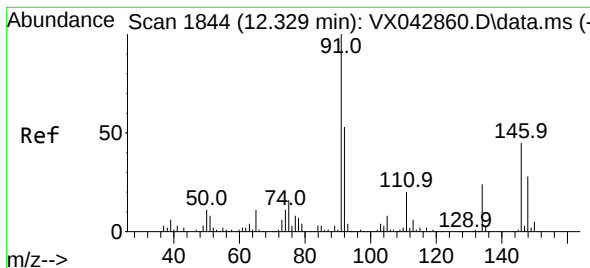


#84
1,4-Dichlorobenzene
Concen: 5.075 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07



Tgt Ion:146 Resp: 34115
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.4
148 63.8 31.4 94.2





#85
n-Butylbenzene
Concen: 4.749 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

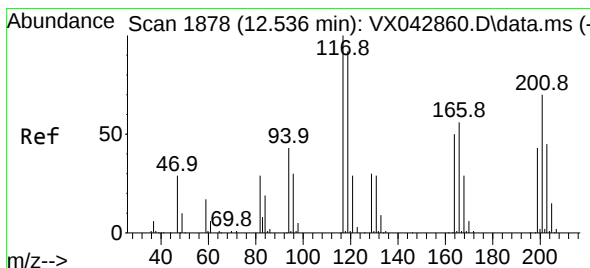
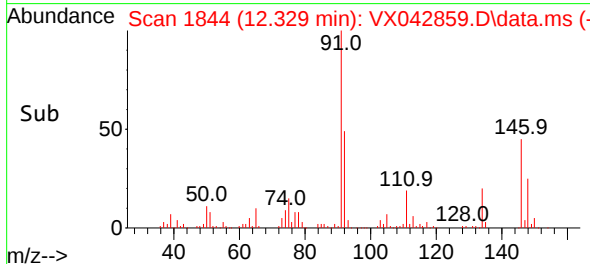
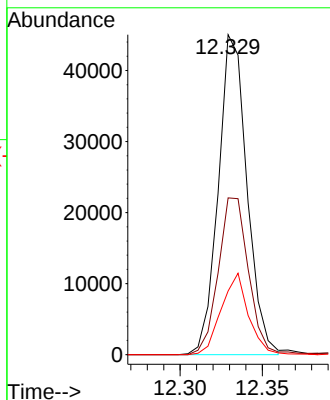
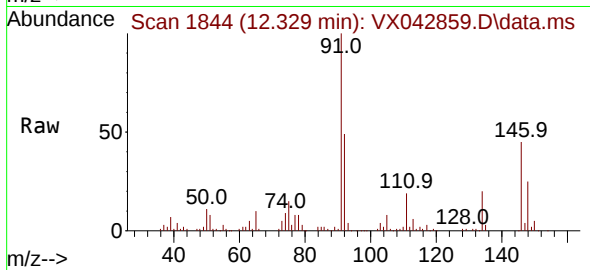
Tgt Ion: 91 Resp: 5463
Ion Ratio Lower Upper
91 100
92 51.9 0.0 106.4
134 24.2 0.0 50.6

Manual Integrations
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Reviewed By :John
Carlone

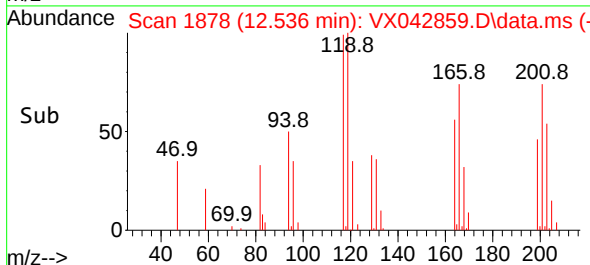
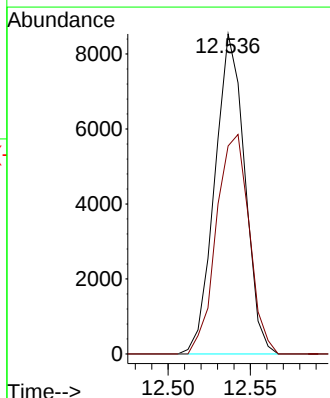
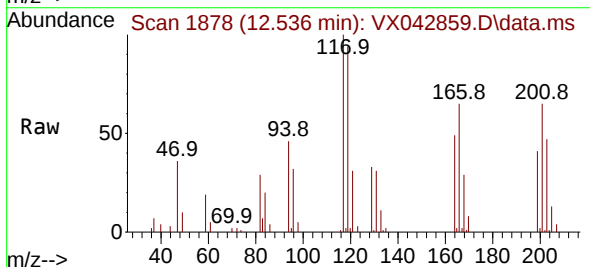
08/07/2024
Supervised By :Mahesh
Dadoda

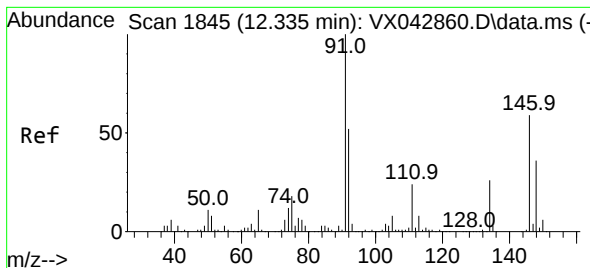
08/08/2024



#86
Hexachloroethane
Concen: 4.704 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion: 117 Resp: 10836
Ion Ratio Lower Upper
117 100
201 75.3 37.5 112.7





#87

1,2-Dichlorobenzene

Concen: 4.796 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042859.D

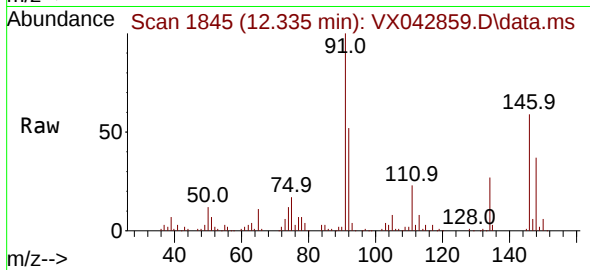
Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion: 146 Resp: 3194

Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.0	63.0
148	61.7	30.8	92.4

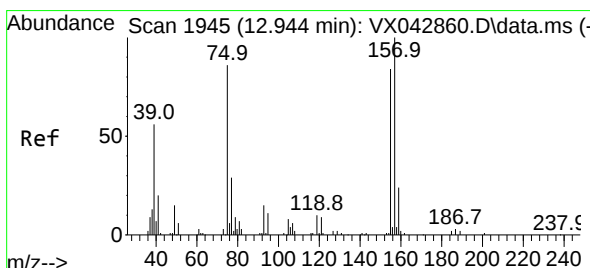
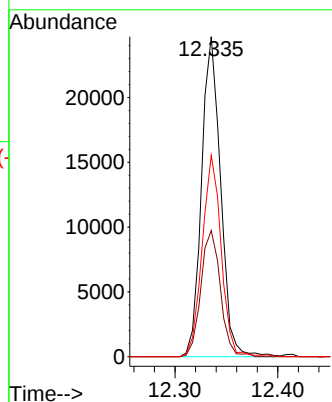
Manual Integrations
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Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#88

1,2-Dibromo-3-Chloropropane

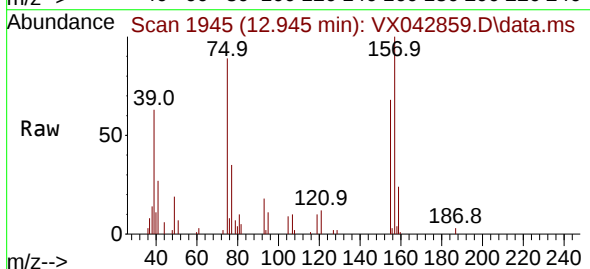
Concen: 4.327 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

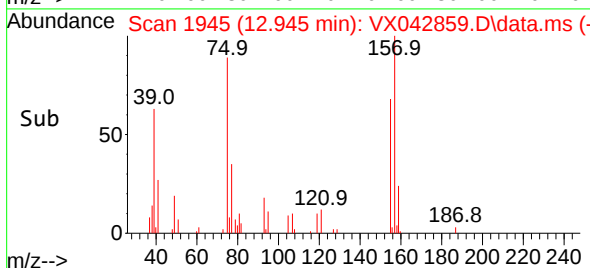
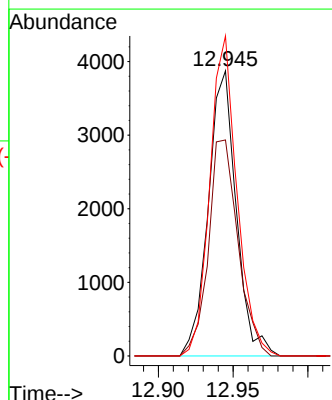
Lab File: VX042859.D

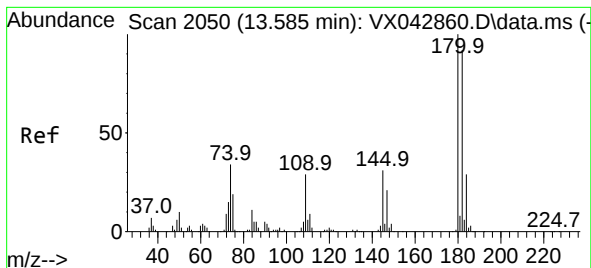
Acq: 06 Aug 2024 10:07



Tgt Ion: 75 Resp: 5041

Ion	Ratio	Lower	Upper
75	100		
155	80.3	68.7	103.1
157	108.7	86.7	130.1





#89

1,2,4-Trichlorobenzene

Concen: 4.673 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.007 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:180	Resp:	2025
Ion Ratio	Lower	Upper
180	100	
182	93.3	73.1 109.7
145	32.2	24.6 37.0

Manual Integrations

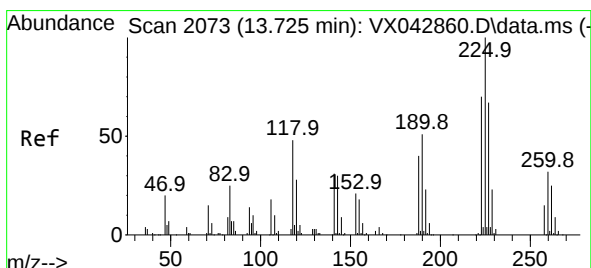
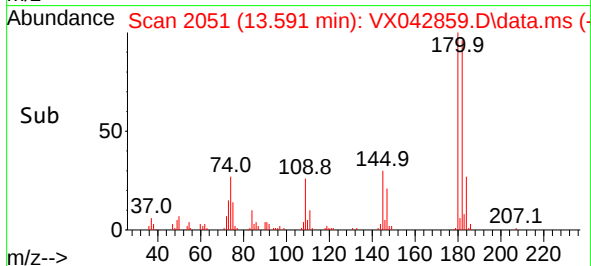
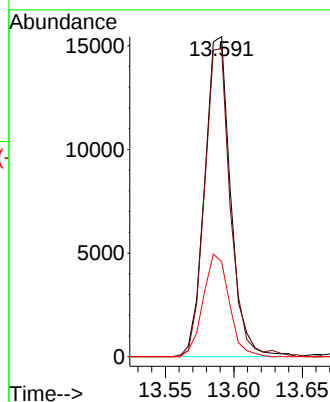
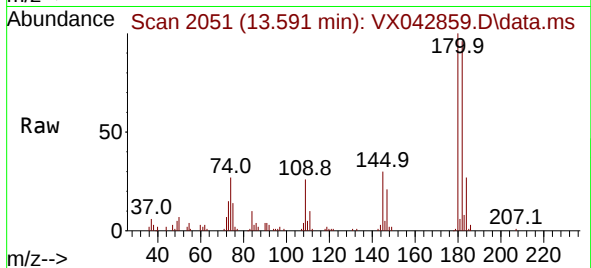
APPROVED

Reviewed By :John
Carlone

08/07/2024

Supervised By :Mahesh
Dadoda

08/08/2024



#90

Hexachlorobutadiene

Concen: 5.028 ug/l

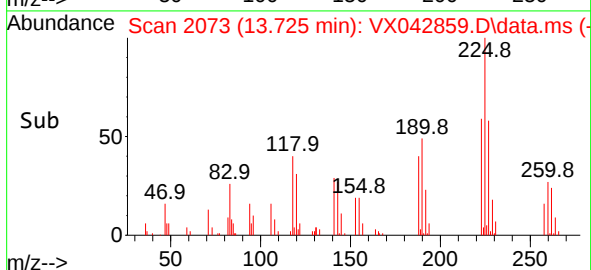
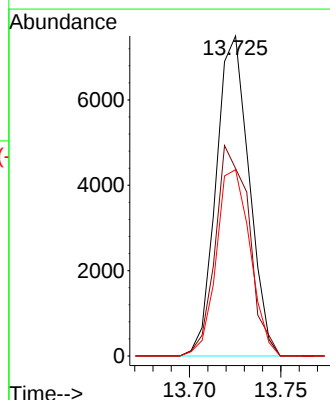
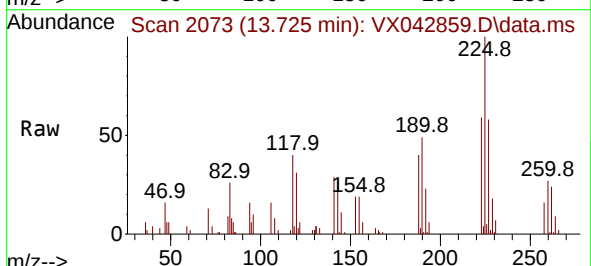
RT: 13.725 min Scan# 2073

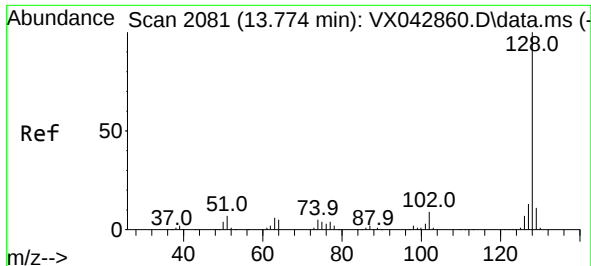
Delta R.T. 0.000 min

Lab File: VX042859.D

Acq: 06 Aug 2024 10:07

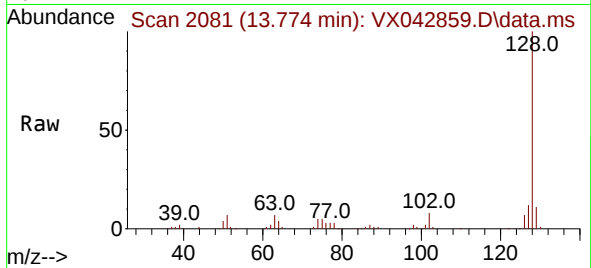
Tgt Ion:225	Resp:	9416
Ion Ratio	Lower	Upper
225	100	
223	67.2	0.0 135.0
227	59.8	0.0 130.4





#91
Naphthalene
Concen: 4.249 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



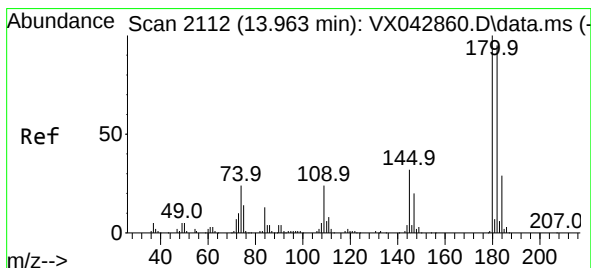
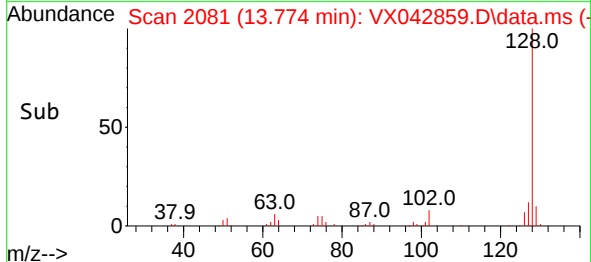
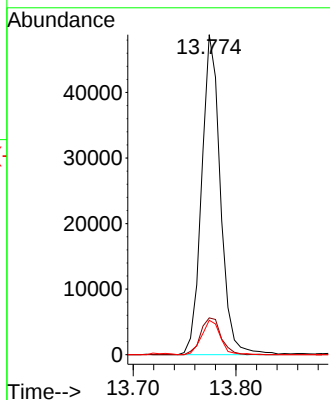
Tgt Ion:128 Resp: 61989
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/07/2024
Supervised By :Mahesh
Dadoda

08/08/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.589 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042859.D
Acq: 06 Aug 2024 10:07

Tgt Ion:180 Resp: 20082
Ion Ratio Lower Upper
180 100
182 94.6 0.0 185.8
145 32.6 0.0 65.2

