

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042398.D
 Acq On : 19 Jul 2024 12:47
 Operator : JC/MD
 Sample : VX0719WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 16:07:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	33069	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	184472	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170922	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	70087	29.588	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.633%		
60) 4-Bromofluorobenzene	11.079	95	80775	30.374	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.233%		
63) Toluene-d8	8.647	98	221102	29.778	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.267%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	35619	17.969	ug/l	98
3) Chloromethane	1.295	50	36516	17.618	ug/l	100
4) Vinyl Chloride	1.374	62	34828	16.915	ug/l	99
5) Bromomethane	1.593	94	18311	17.715	ug/l	98
6) Chloroethane	1.666	64	15650	17.636	ug/l	99
7) Trichlorofluoromethane	1.868	101	47434	18.412	ug/l	99
8) Diethyl Ether	2.136	74	21096	19.525	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	36767	18.325	ug/l	99
10) 1,1-Dichloroethene	2.307	96	34830	18.064	ug/l	95
11) Methyl Iodide	2.447	142	37009	16.977	ug/l	98
12) Methyl Acetate	2.709	43	68771	21.701	ug/l	99
13) Acrolein	2.239	56	39198	98.466	ug/l	97
14) Acrylonitrile	3.069	53	121443	102.048	ug/l	100
15) Acetone	2.392	58	33133	93.600	ug/l	95
16) Carbon Disulfide	2.502	76	65193	17.104	ug/l	98
17) Allyl chloride	2.654	41	59767	19.481	ug/l	95
18) Methylene Chloride	2.782	84	42728	19.404	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	35554	18.255	ug/l	98
20) Diisopropyl ether	3.764	45	127161	19.670	ug/l	99
21) 1,1-Dichloroethane	3.605	63	68244	18.596	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	45744	18.756	ug/l	98
23) tert-Butyl Alcohol	2.989	59	46890	103.388	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	127766	19.853	ug/l	99
25) Chloroform	5.093	83	71113	18.749	ug/l	95
26) Cyclohexane	5.465	56	55004	18.097	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	44927	18.677	ug/l	98
30) 2-Butanone	4.562	43	168499	104.916	ug/l	100
31) 2,2-Dichloropropane	4.471	77	53251	19.256	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	58844	18.939	ug/l	100
33) Carbon Tetrachloride	5.672	117	49250	18.150	ug/l	99
34) Benzene	6.031	78	152240	19.275	ug/l	98
35) Methacrylonitrile	4.922	41	33821	21.340	ug/l	93
36) 1,2-Dichloroethane	6.086	62	51893	20.257	ug/l	99
37) Trichloroethene	7.123	130	41260	19.425	ug/l	96
38) Methylcyclohexane	7.379	83	59087	19.102	ug/l	98
39) 1,2-Dichloropropane	7.428	63	37847	19.492	ug/l	99
40) Dibromomethane	7.580	93	28134	20.074	ug/l	100
41) Bromodichloromethane	7.818	83	50688	19.283	ug/l	99
42) Vinyl Acetate	3.721	43	542131	104.335	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	60998	21.401	ug/l	98
44) Isopropyl Acetate	6.342	43	92379	20.632	ug/l	99
45) 1,4-Dioxane	7.671	88	22034m	439.263	ug/l	
46) Methyl methacrylate	7.696	41	45574	20.886	ug/l	98
47) n-amyl Acetate	10.842	43	81013	20.363	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	51828	19.777	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	58408	19.830	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	42303	20.582	ug/l	99
51) Ethyl methacrylate	9.116	69	66749	20.767	ug/l	99
52) 1,3-Dichloropropane	9.305	76	68737	20.588	ug/l	97
53) Dibromochloromethane	9.519	129	44576	19.736	ug/l	99
54) 1,2-Dibromoethane	9.610	107	43659	20.425	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	170523	109.457	ug/l	100
56) Bromoform	10.799	173	35471	19.488	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	324352	107.675	ug/l	99
59) 2-Hexanone	9.433	43	250459	106.155	ug/l	100
61) Tetrachloroethene	9.269	164	40447	19.507	ug/l	97
62) Toluene	8.714	91	166720	19.510	ug/l	99
64) Chlorobenzene	10.080	112	114154	19.796	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	40574	19.553	ug/l	98
66) Ethyl Benzene	10.195	91	181593	19.500	ug/l	100
67) m/p-Xylenes	10.299	106	146238	39.278	ug/l	99
68) o-Xylene	10.640	106	72635	19.603	ug/l	98
69) Styrene	10.653	104	121987	19.575	ug/l	99
70) Isopropylbenzene	10.964	105	186288	19.719	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	68123	20.955	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	54735m	21.205	ug/l	
73) Bromobenzene	11.195	156	53385	19.774	ug/l	99
74) n-propylbenzene	11.305	91	204126	19.559	ug/l	99
75) 2-Chlorotoluene	11.360	91	129407	19.717	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	155510	19.703	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	18685	19.737	ug/l	98
78) 4-Chlorotoluene	11.451	91	142756	19.525	ug/l	99
79) tert-butylbenzene	11.713	119	167398	19.868	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	157165	19.790	ug/l	100
81) sec-Butylbenzene	11.890	105	193702	19.457	ug/l	100
82) p-Isopropyltoluene	12.006	119	170490	19.762	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	94737	19.536	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	96043	19.939	ug/l	99
85) n-Butylbenzene	12.329	91	129685	19.140	ug/l	99
86) Hexachloroethane	12.536	117	26670	18.180	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	96515	19.691	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13479	20.239	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	64668	19.488	ug/l	100
90) Hexachlorobutadiene	13.725	225	32338	19.637	ug/l	99
91) Naphthalene	13.774	128	205625	20.780	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	68339	19.994	ug/l	99

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

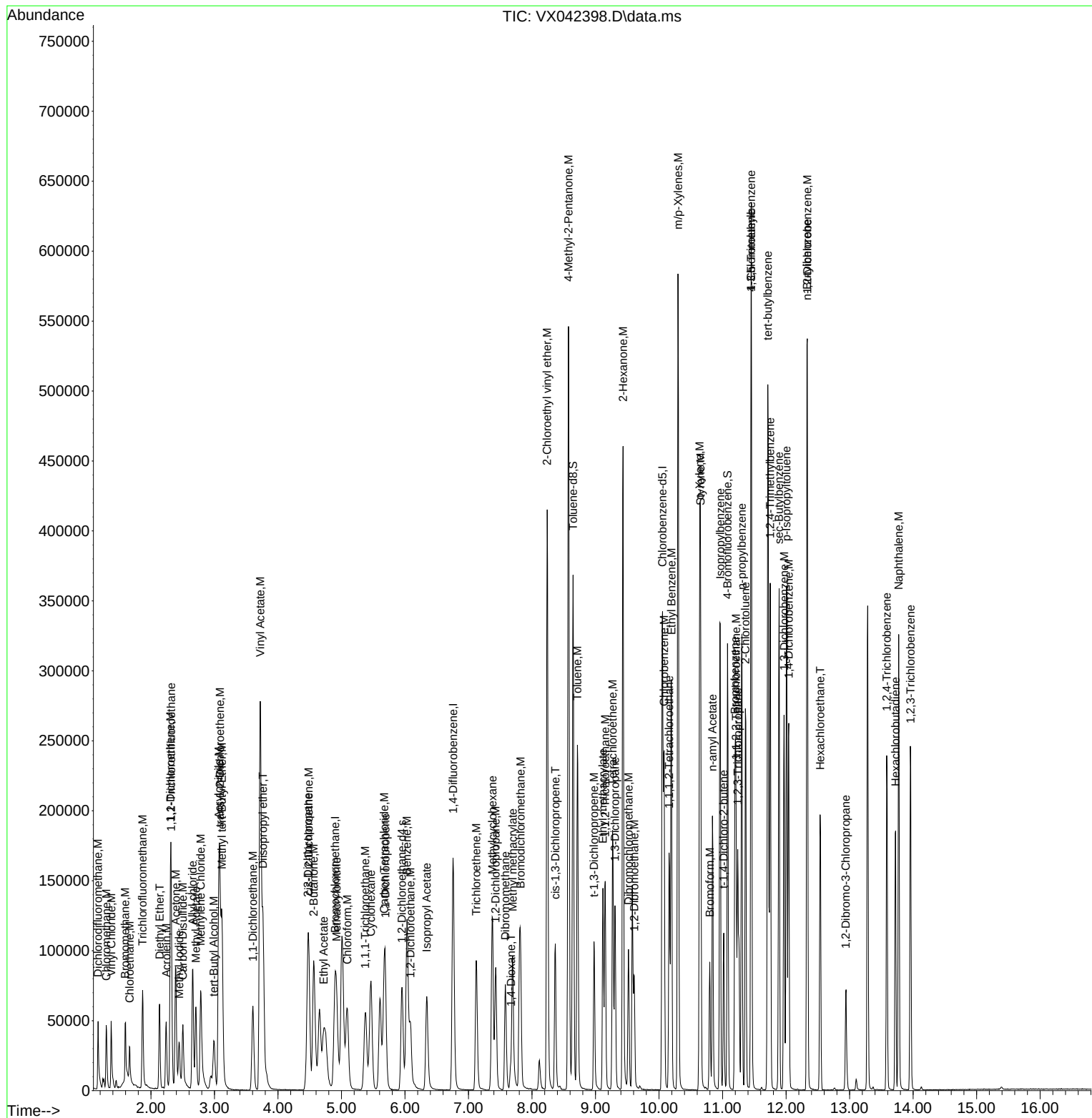
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
Data File : VX042398.D
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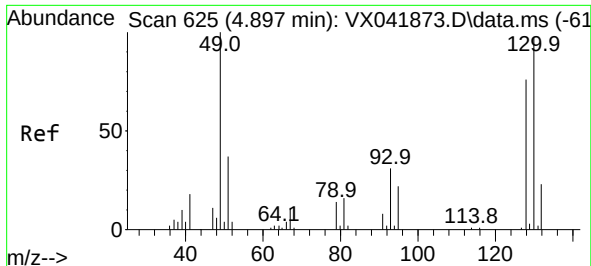
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Manual Integrations
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Supervised By :Mahesh Dadoda 07/22/2024

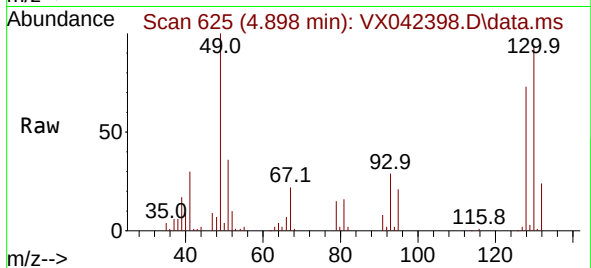
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QLast Update : Fri Jul 19 11:30:14 2024
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.898 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

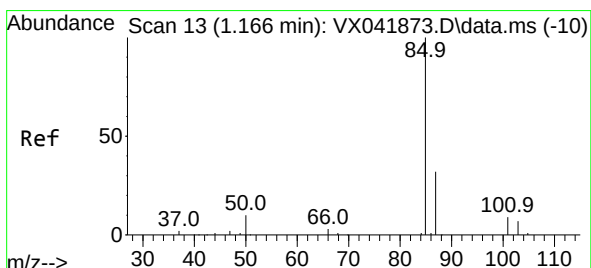
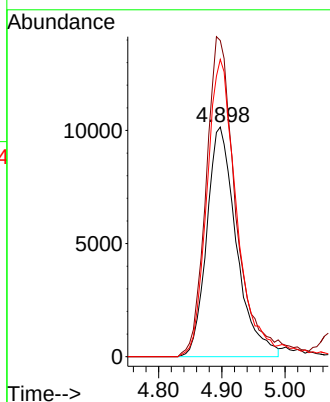
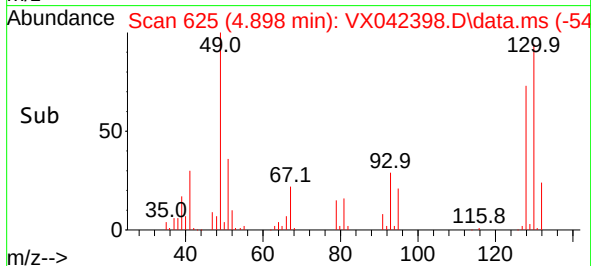
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01



Tgt Ion:128 Resp: 33069
 Ion Ratio Lower Upper
 128 100
 49 141.6 0.0 338.5
 130 128.6 0.0 324.5

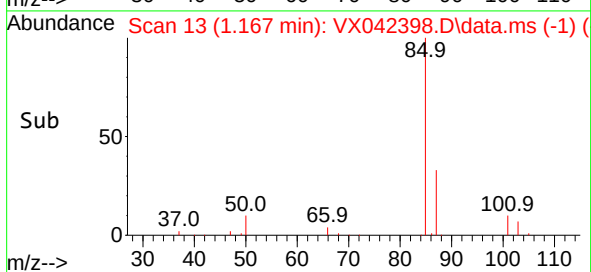
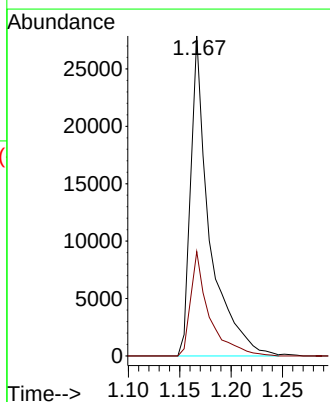
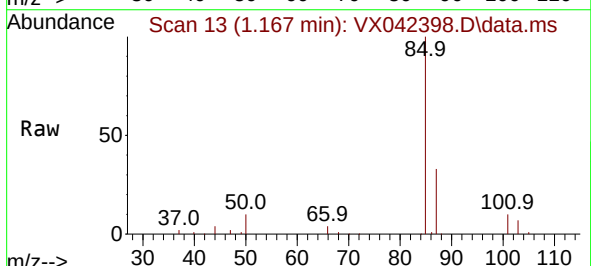
Manual Integrations
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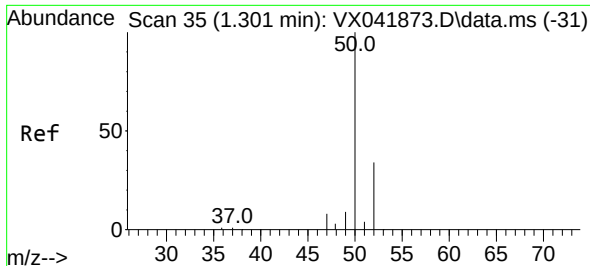
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#2
 Dichlorodifluoromethane
 Concen: 17.969 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

Tgt Ion: 85 Resp: 35619
 Ion Ratio Lower Upper
 85 100
 87 32.6 15.8 47.3





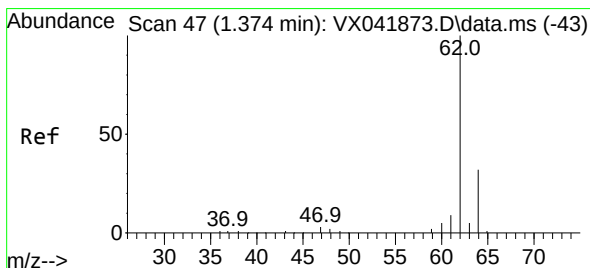
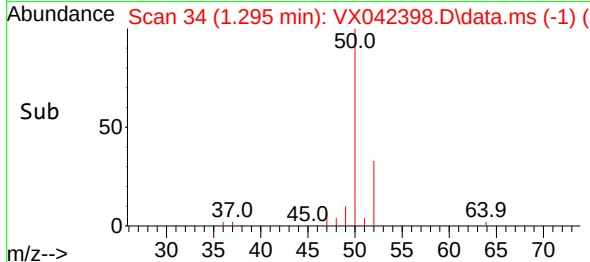
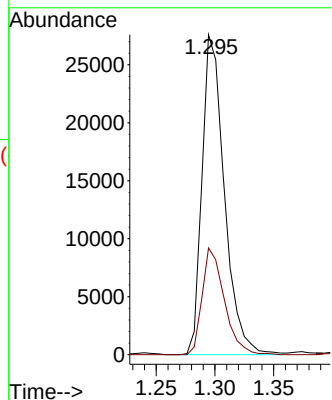
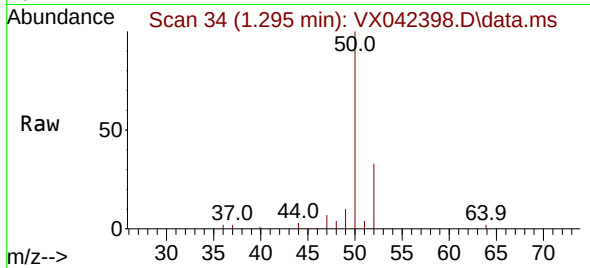
#3
Chloromethane
Concen: 17.618 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 50 Resp: 36510
Ion Ratio Lower Upper
50 100
52 33.4 26.9 40.3

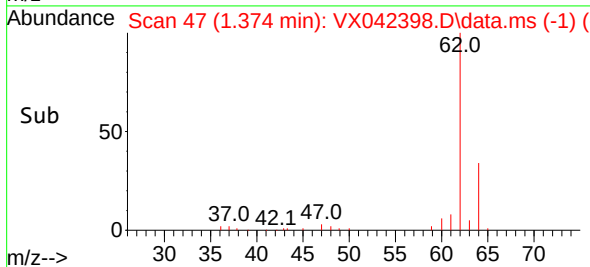
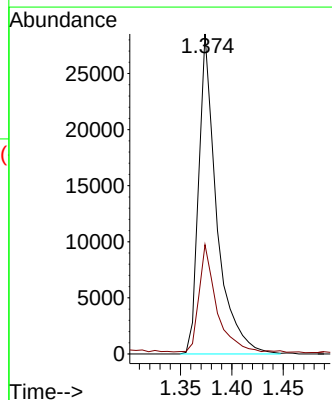
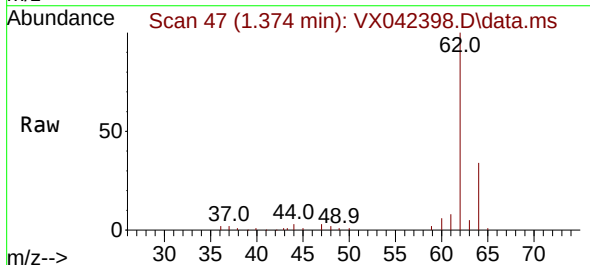
Manual Integrations
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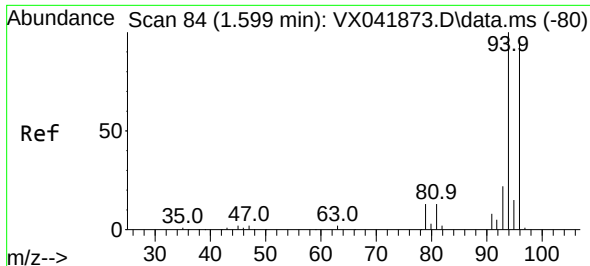
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 16.915 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

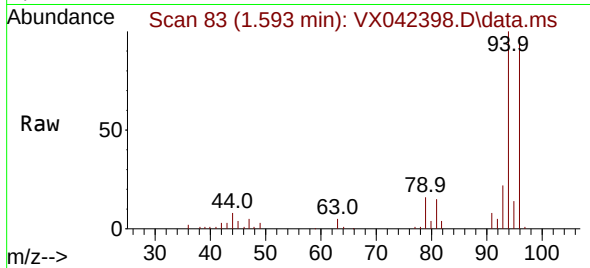
Tgt Ion: 62 Resp: 34828
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1





#5
Bromomethane
Concen: 17.715 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

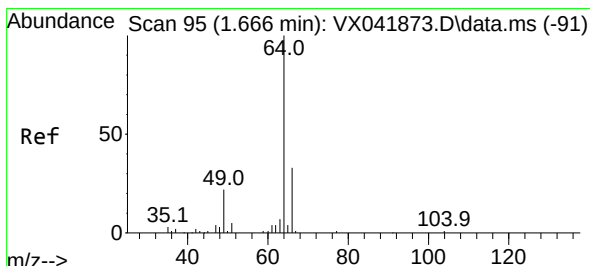
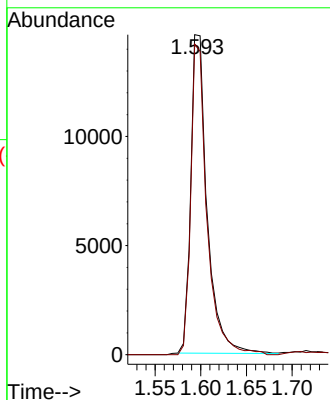
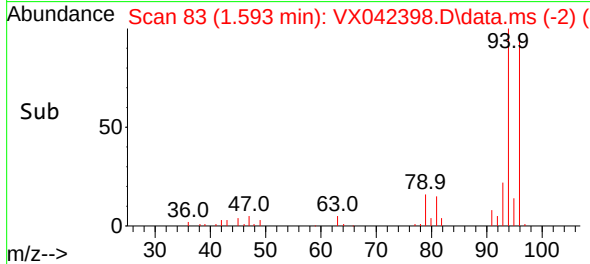
Instrument :
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Tgt Ion: 94 Resp: 1831
Ion Ratio Lower Upper
94 100
96 97.6 76.6 115.0

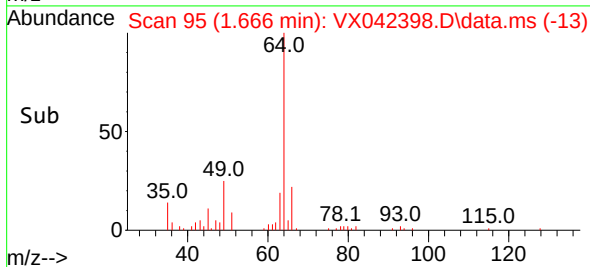
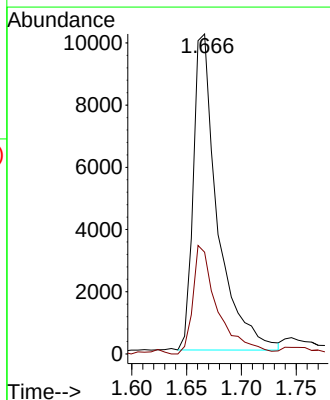
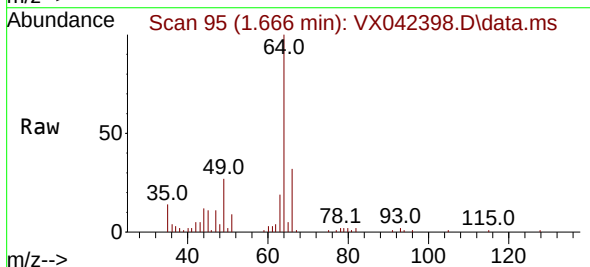
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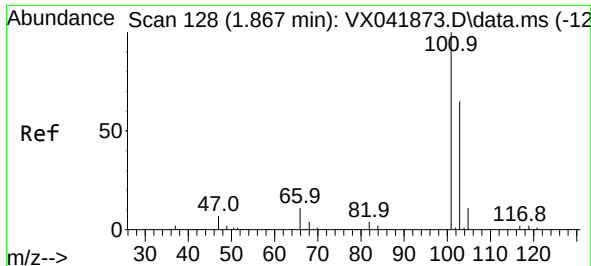
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#6
Chloroethane
Concen: 17.636 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

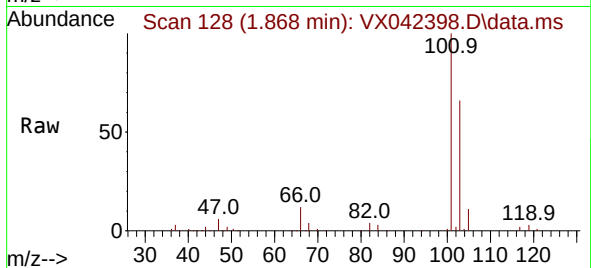
Tgt Ion: 64 Resp: 15650
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.412 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

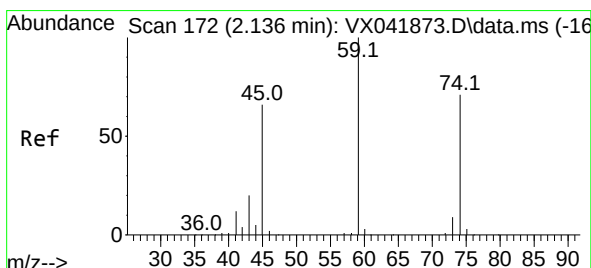
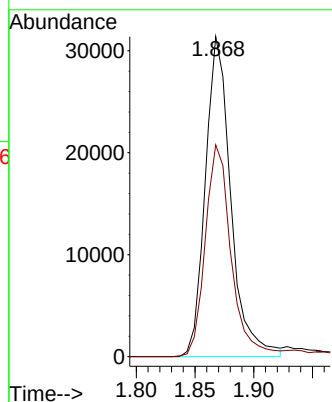
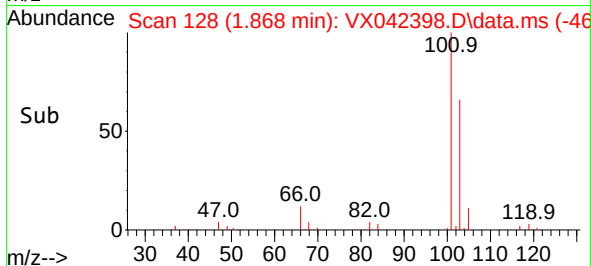
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion:101 Resp: 47434
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

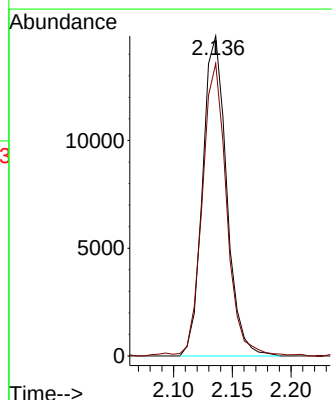
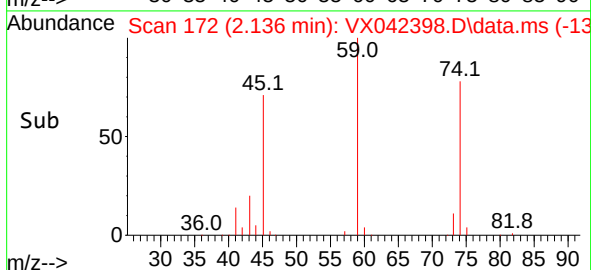
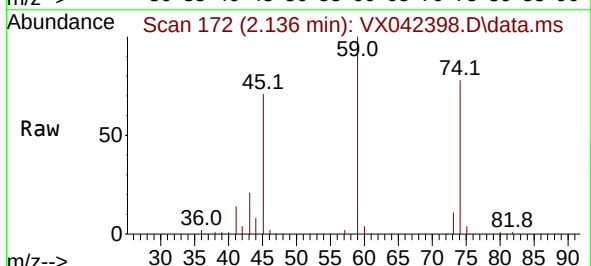
Manual Integrations
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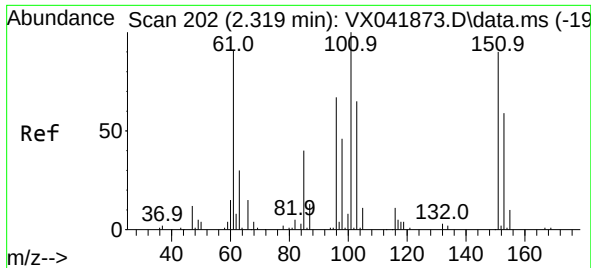
Reviewed By :John Carlone 07/19/2024
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#8
Diethyl Ether
Concen: 19.525 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 74 Resp: 21096
Ion Ratio Lower Upper
74 100
45 92.4 18.7 168.7





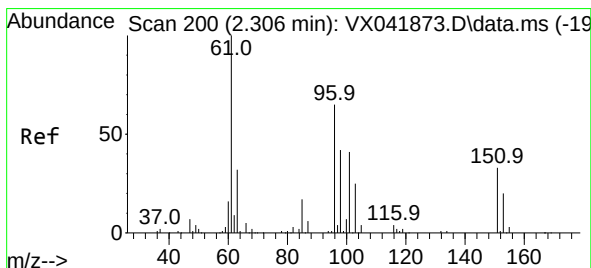
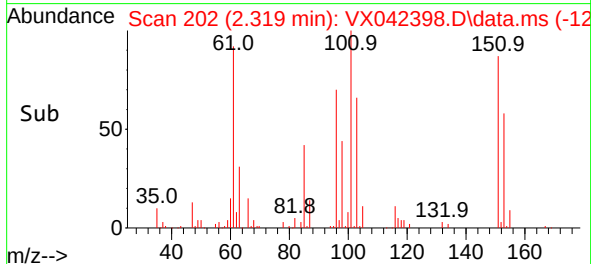
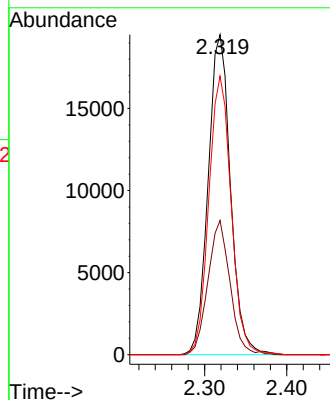
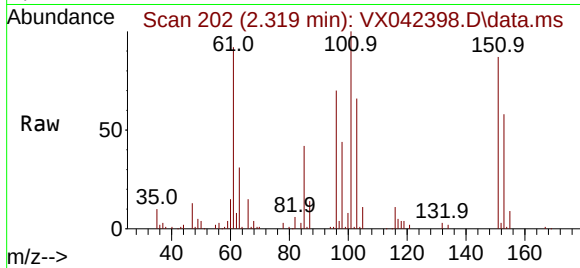
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 1,1,2-Trichlorotrifluoroethane
 Concen: 18.325 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

Instrument :
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Tgt Ion:101 Resp: 3676
 Ion Ratio Lower Upper
 101 100
 85 41.5 0.0 80.4
 151 87.2 0.0 175.2

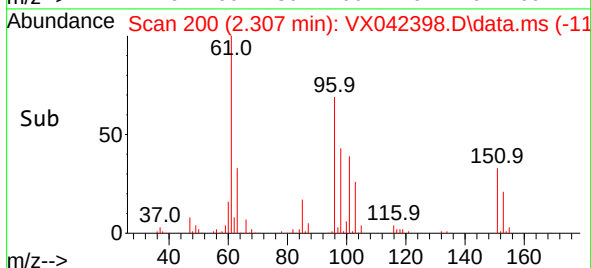
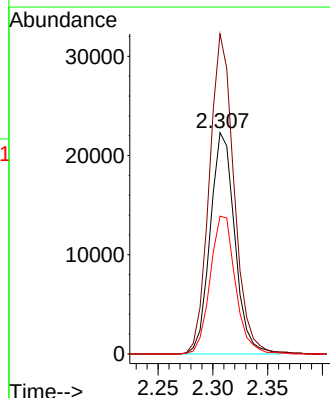
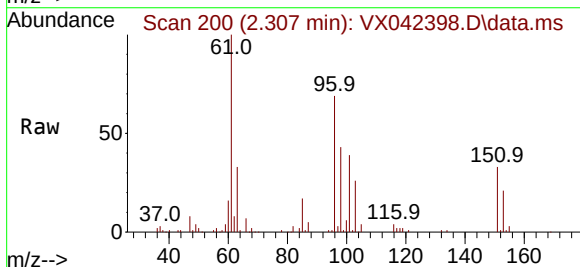
Manual Integrations
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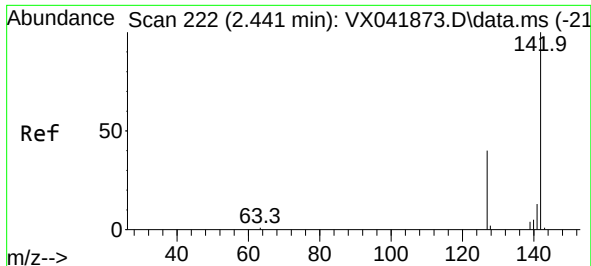
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#10
 1,1-Dichloroethene
 Concen: 18.064 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

Tgt Ion: 96 Resp: 34830
 Ion Ratio Lower Upper
 96 100
 61 144.7 122.3 183.5
 98 62.3 51.5 77.3





#11

Methyl Iodide

Concen: 16.977 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042398.D

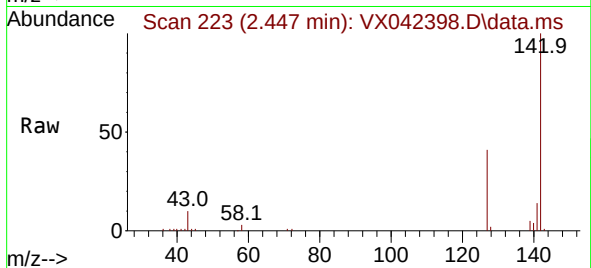
Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01



Tgt Ion:142 Resp: 37009

Ion Ratio Lower Upper

142 100

127 40.5 19.8 59.3

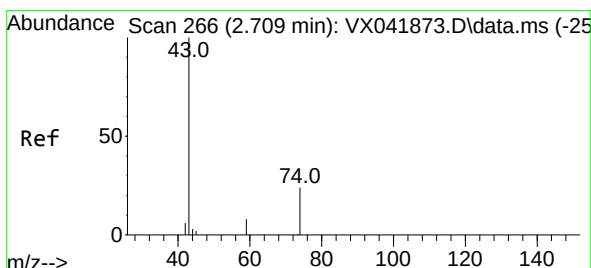
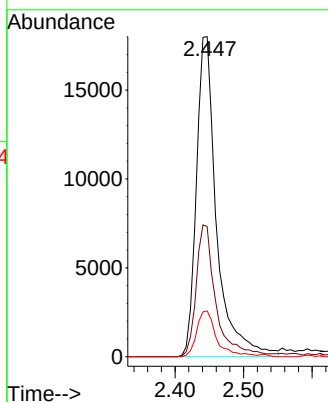
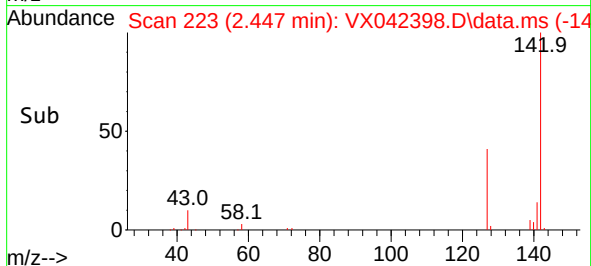
141 14.5 6.7 20.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#12

Methyl Acetate

Concen: 21.701 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042398.D

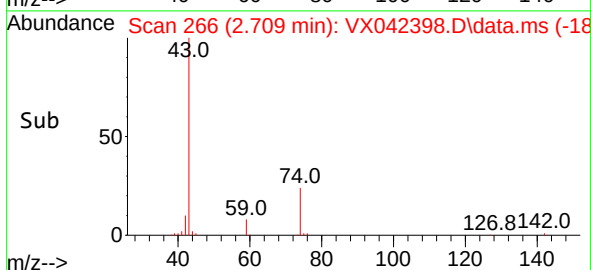
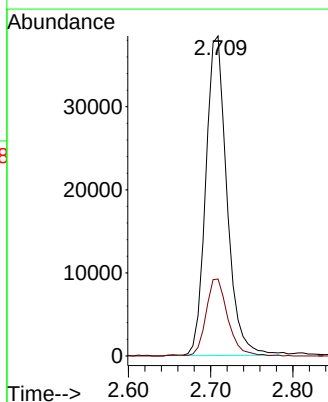
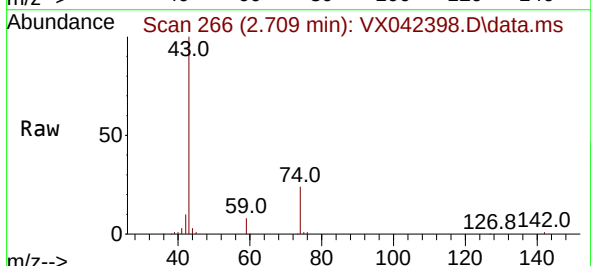
Acq: 19 Jul 2024 12:47

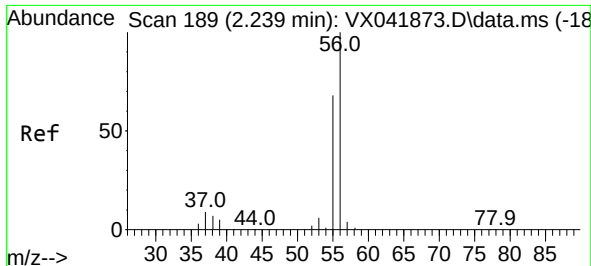
Tgt Ion: 43 Resp: 68771

Ion Ratio Lower Upper

43 100

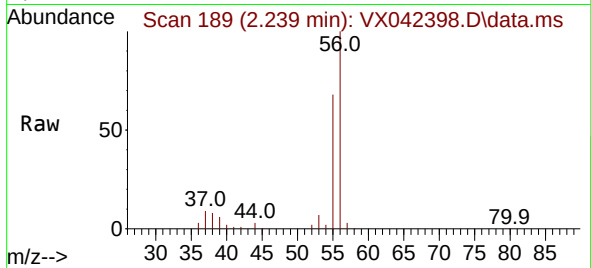
74 23.9 19.4 29.2





#13
Acrolein
Concen: 98.466 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

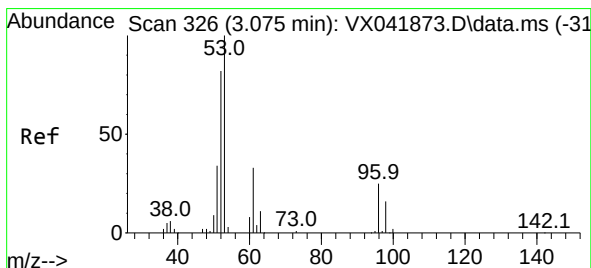
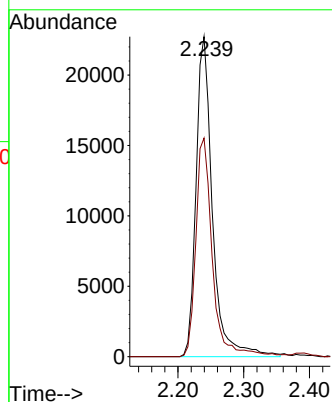
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 56 Resp: 39198
Ion Ratio Lower Upper
56 100
55 66.4 55.4 83.0

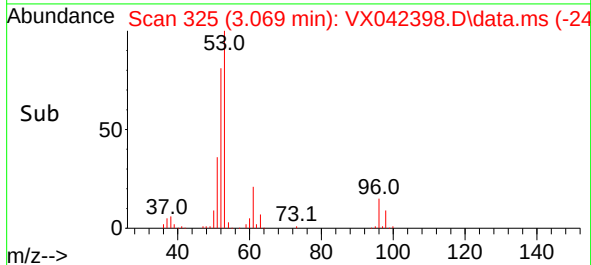
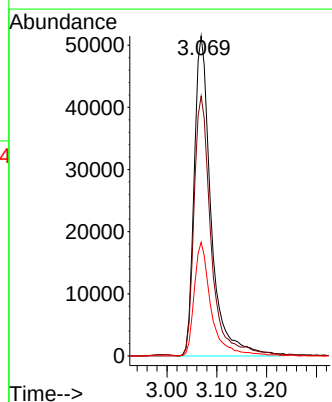
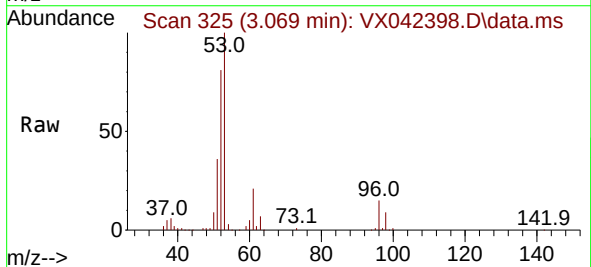
Manual Integrations
APPROVED

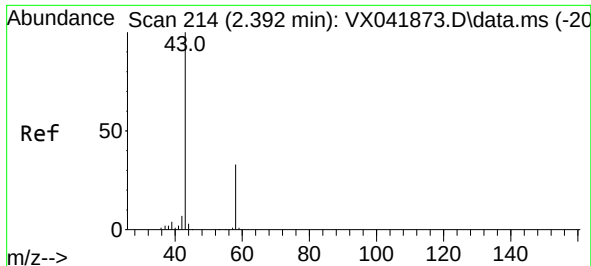
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#14
Acrylonitrile
Concen: 102.048 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

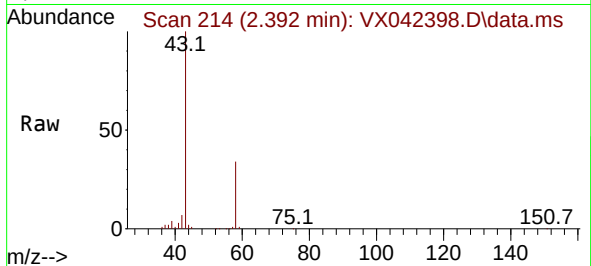
Tgt Ion: 53 Resp: 121443
Ion Ratio Lower Upper
53 100
52 79.7 39.9 119.7
51 35.4 17.4 52.3





#15
Acetone
Concen: 93.600 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

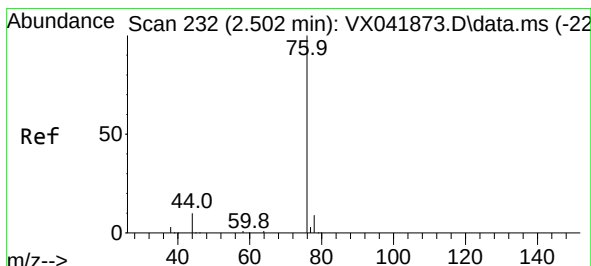
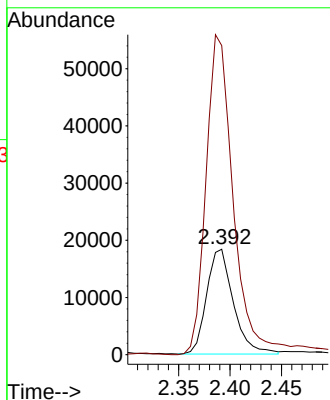
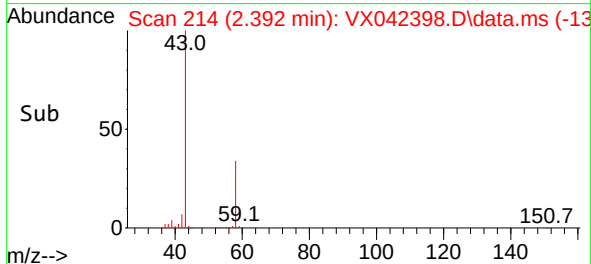
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 58 Resp: 3313
Ion Ratio Lower Upper
58 100
43 295.2 243.4 365.2

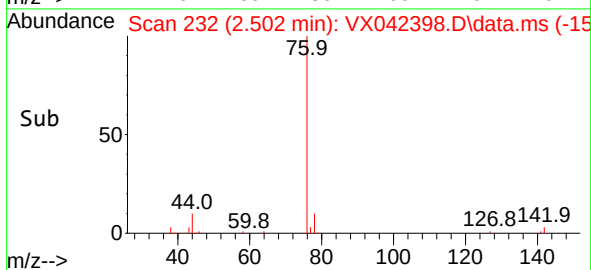
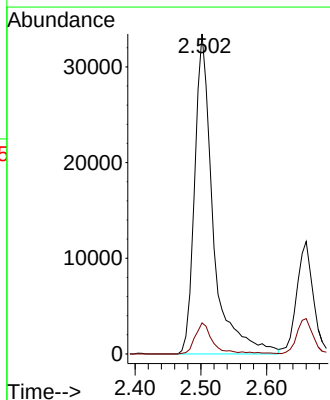
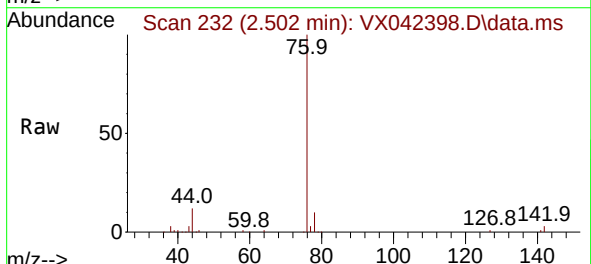
Manual Integrations
APPROVED

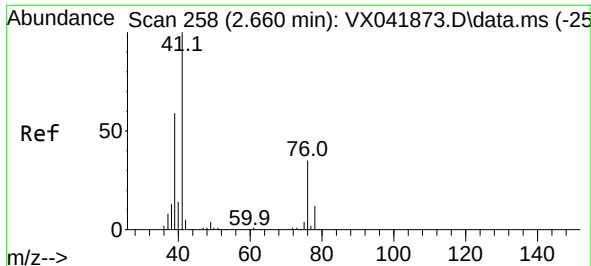
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#16
Carbon Disulfide
Concen: 17.104 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

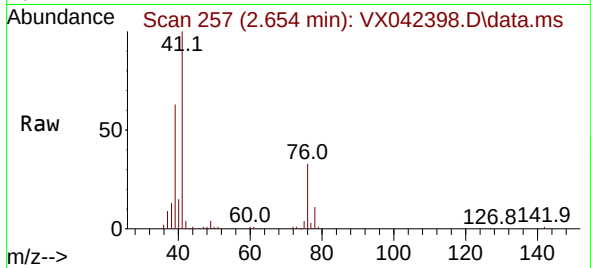
Tgt Ion: 76 Resp: 65193
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9





#17
 Allyl chloride
 Concen: 19.481 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

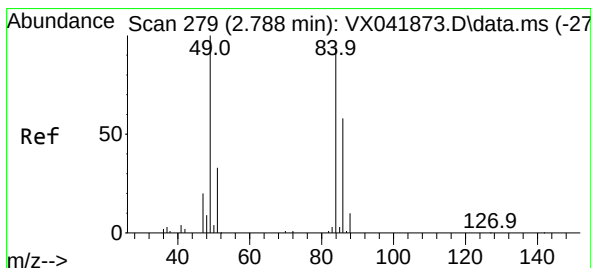
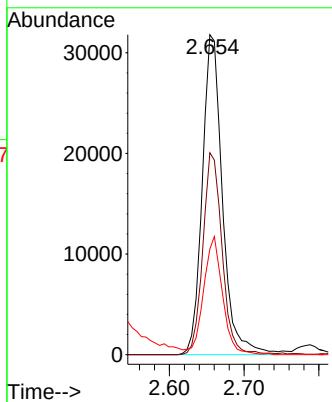
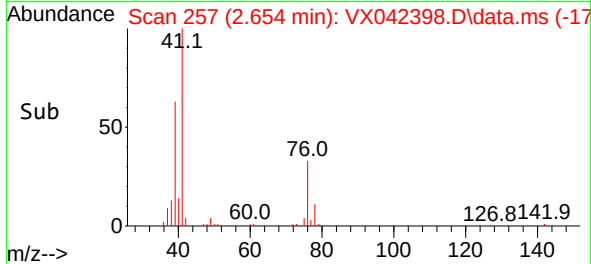
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01



Tgt Ion: 41 Resp: 5976
 Ion Ratio Lower Upper
 41 100
 39 63.1 29.6 88.8
 76 33.0 18.1 54.4

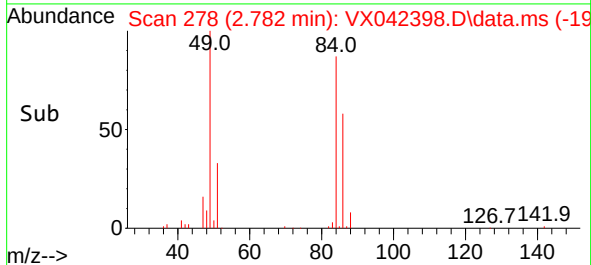
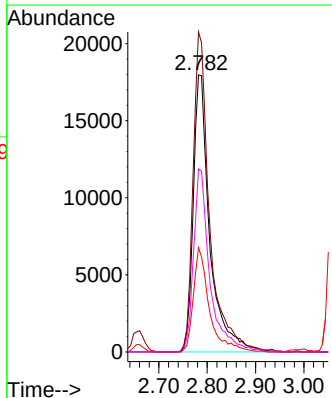
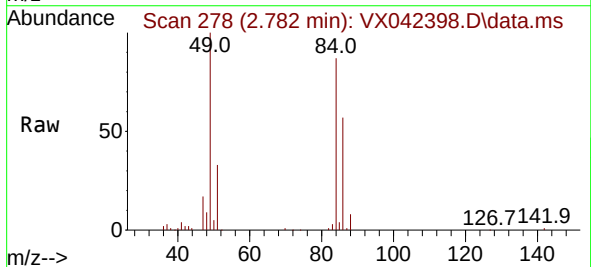
Manual Integrations
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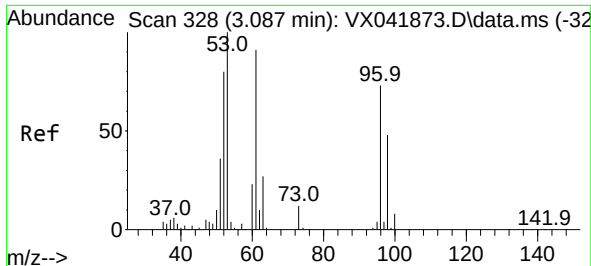
Reviewed By :John Carlone 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 19.404 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX042398.D
 Acq: 19 Jul 2024 12:47

Tgt Ion: 84 Resp: 42728
 Ion Ratio Lower Upper
 84 100
 49 115.5 85.3 127.9
 51 37.6 28.5 42.7
 86 66.0 49.6 74.4





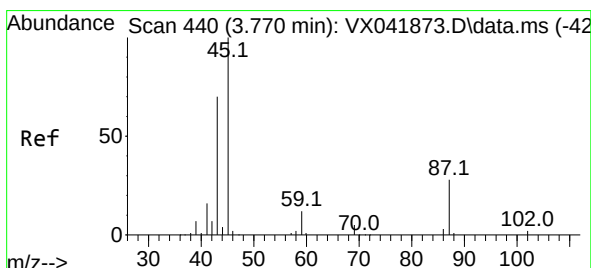
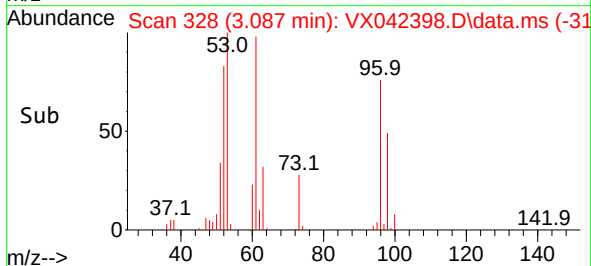
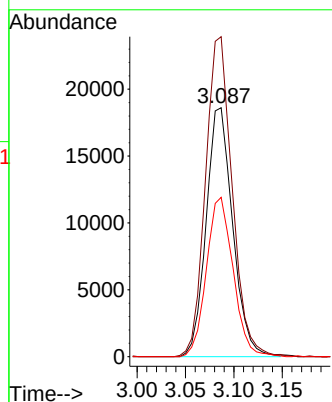
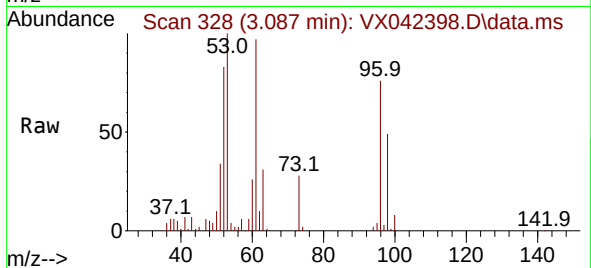
#19
trans-1,2-Dichloroethene
Concen: 18.255 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 96 Resp: 35554
Ion Ratio Lower Upper
96 100
61 128.0 100.1 150.1
98 64.0 52.1 78.1

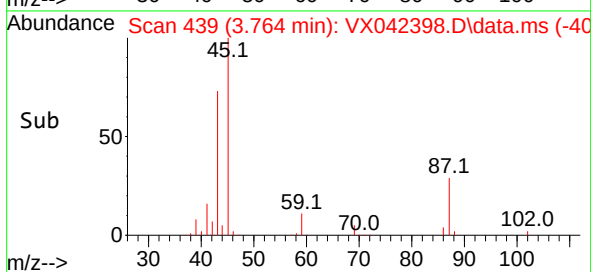
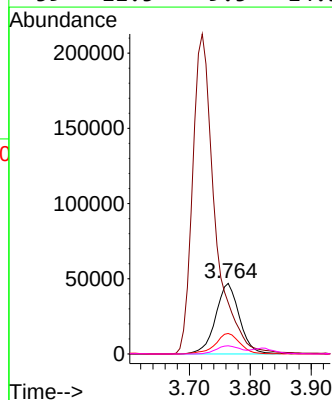
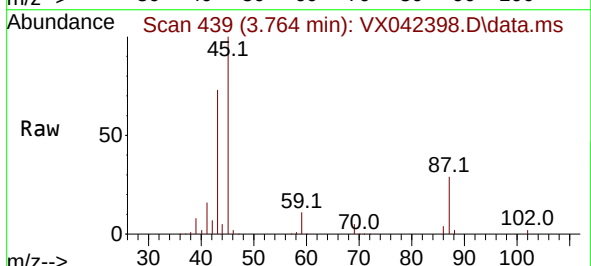
Manual Integrations
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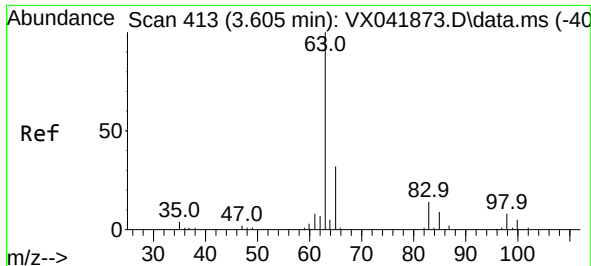
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#20
Diisopropyl ether
Concen: 19.670 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 45 Resp: 127161
Ion Ratio Lower Upper
45 100
43 70.5 55.8 83.8
87 29.1 22.6 34.0
59 11.5 9.5 14.3





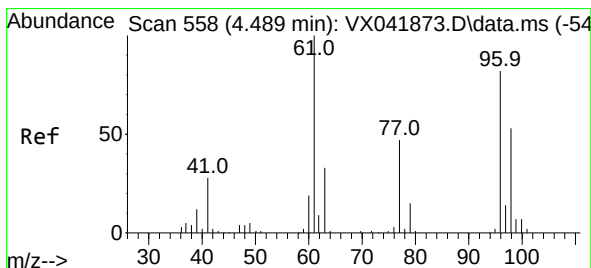
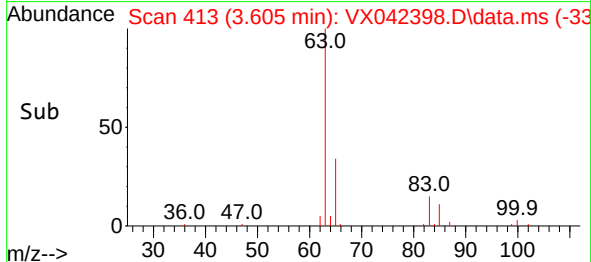
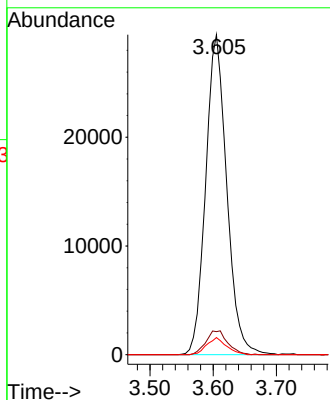
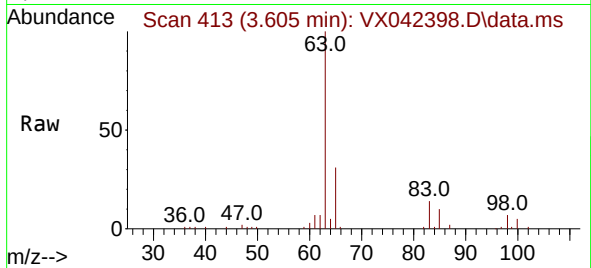
#21
1,1-Dichloroethane
Concen: 18.596 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 63 Resp: 68244
Ion Ratio Lower Upper
63 100
98 7.2 4.2 12.4
100 5.3 2.5 7.4

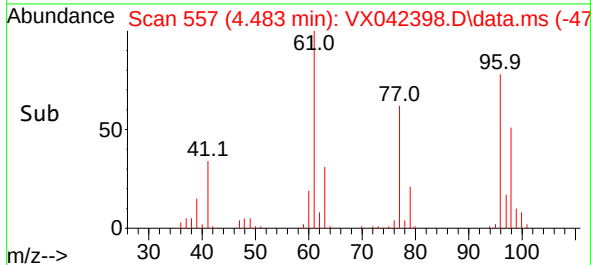
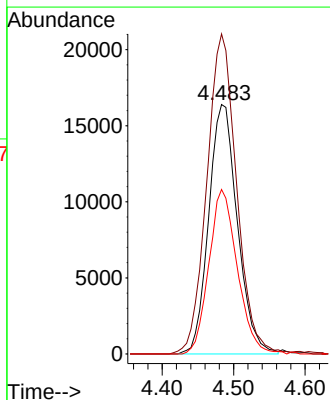
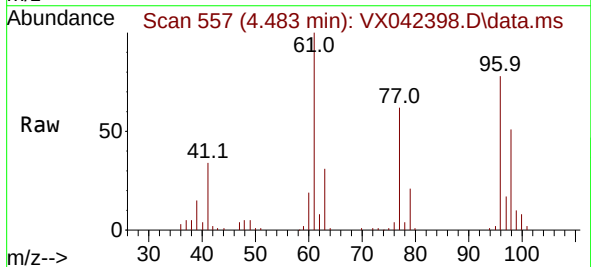
Manual Integrations
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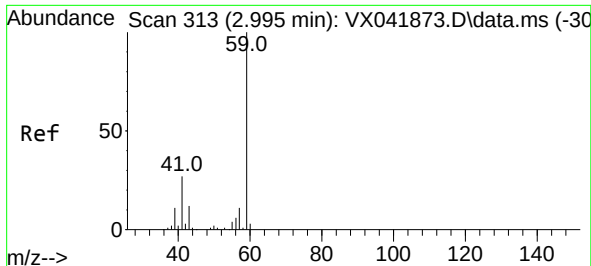
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 18.756 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

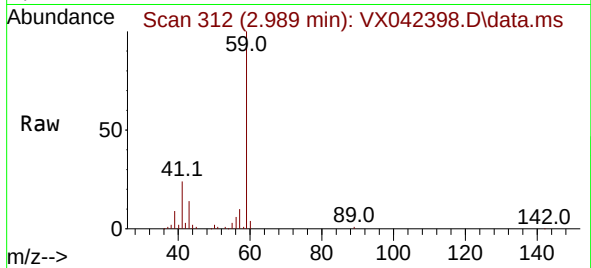
Tgt Ion: 96 Resp: 45744
Ion Ratio Lower Upper
96 100
61 132.9 103.3 154.9
98 65.0 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 103.388 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

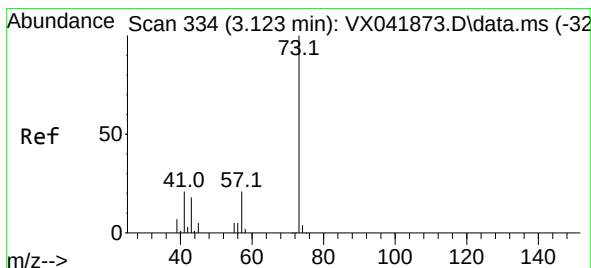
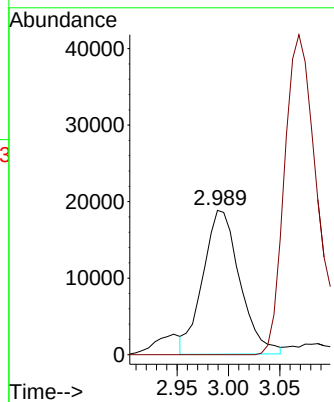
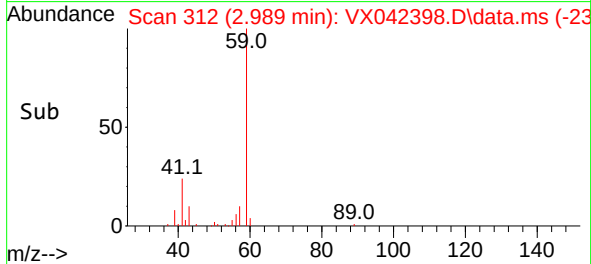
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 59 Resp: 46890
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

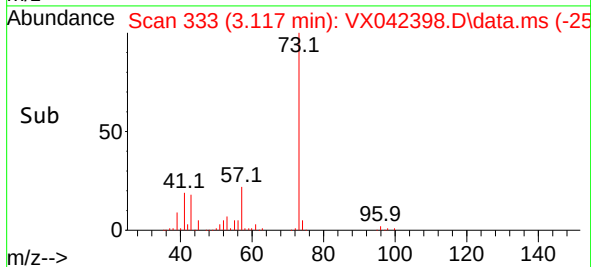
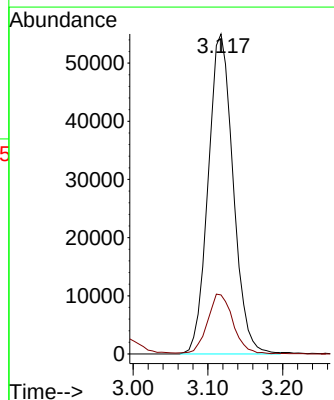
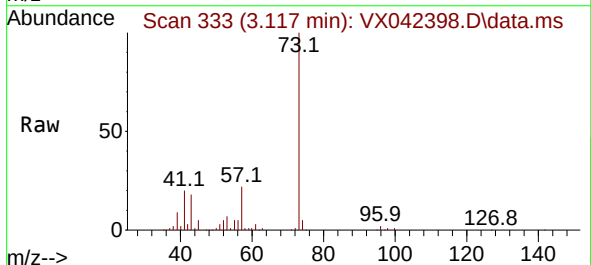
Manual Integrations
APPROVED

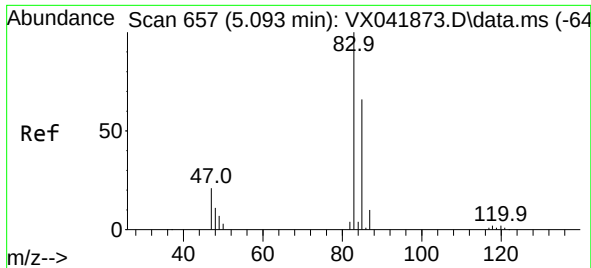
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#24
Methyl tert-Butyl Ether
Concen: 19.853 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 73 Resp: 127766
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7





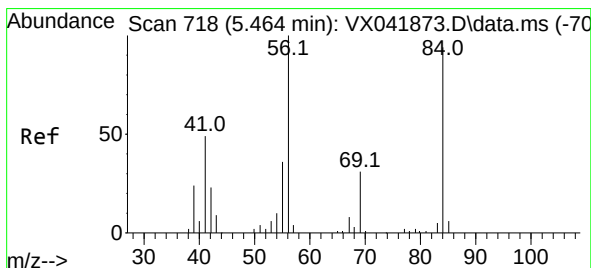
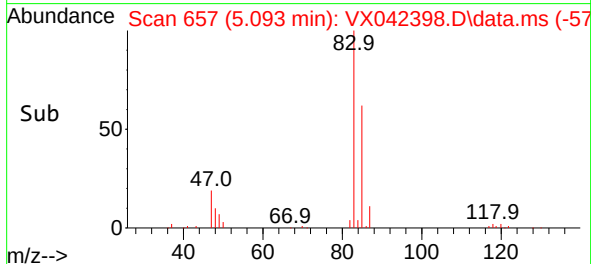
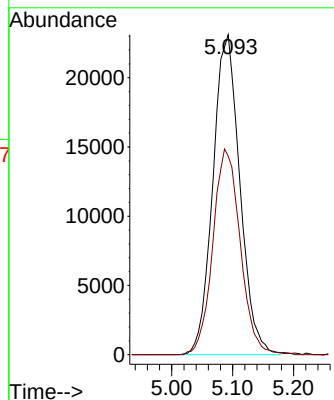
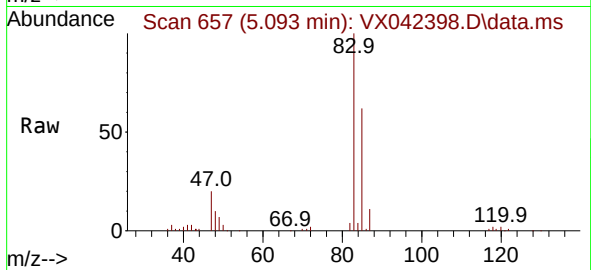
#25
Chloroform
Concen: 18.749 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 83 Resp: 7111
Ion Ratio Lower Upper
83 100
85 62.1 52.7 79.1

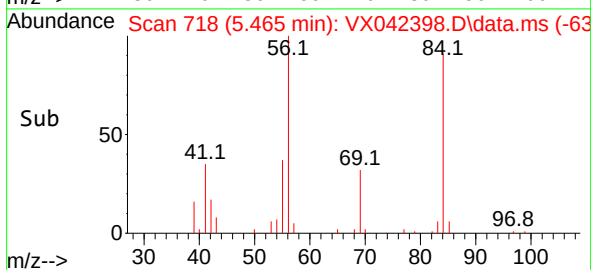
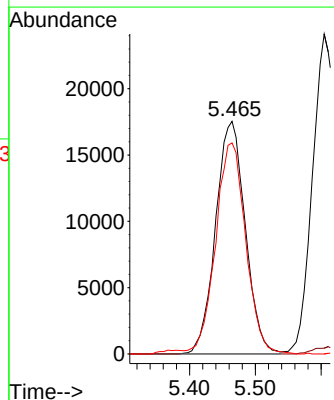
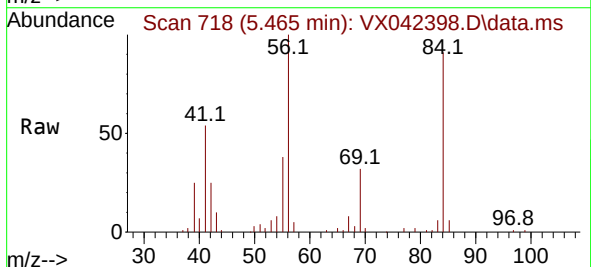
Manual Integrations
APPROVED

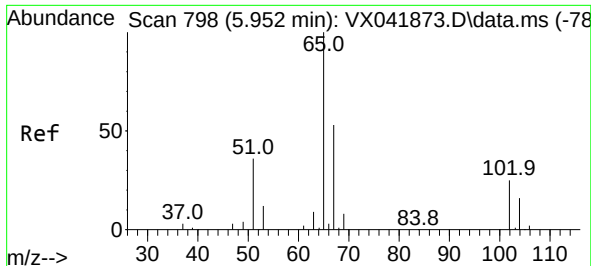
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#26
Cyclohexane
Concen: 18.097 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 56 Resp: 55004
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.1 73.1 109.7





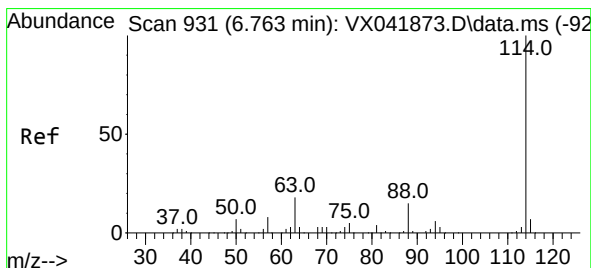
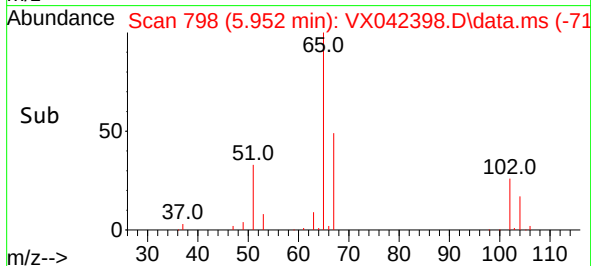
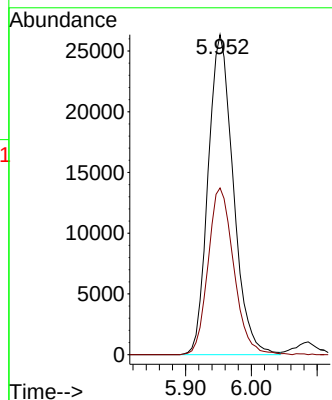
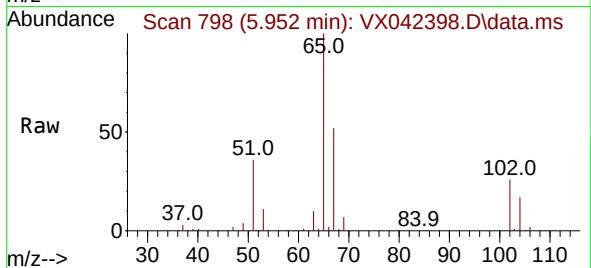
#27
1,2-Dichloroethane-d4
Concen: 29.588 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
Client Sample Id :
VX0719WBSD01

Tgt Ion: 65 Resp: 7008
Ion Ratio Lower Upper
65 100
67 53.2 43.4 65.0

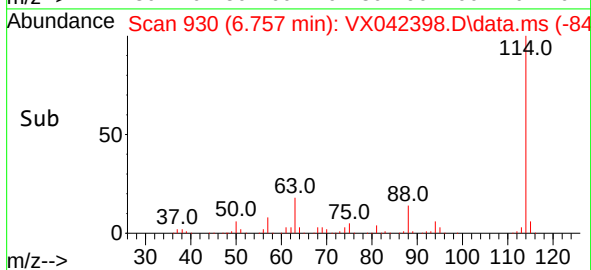
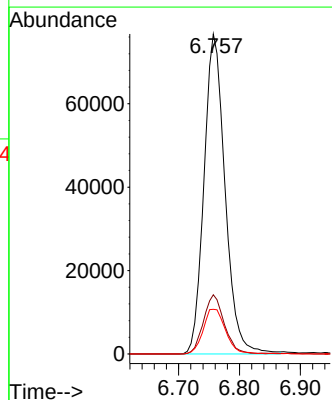
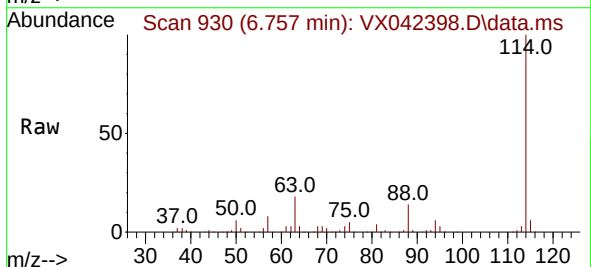
Manual Integrations
APPROVED

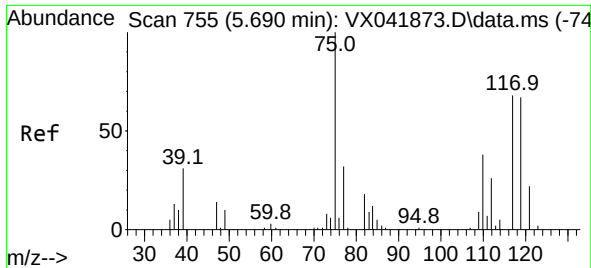
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

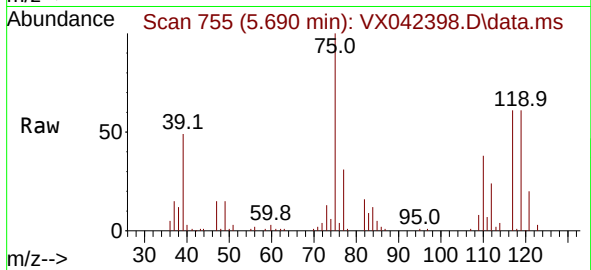
Tgt Ion:114 Resp: 184472
Ion Ratio Lower Upper
114 100
63 18.2 14.6 21.8
88 14.8 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.677 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

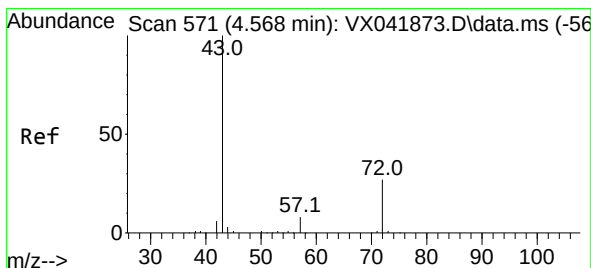
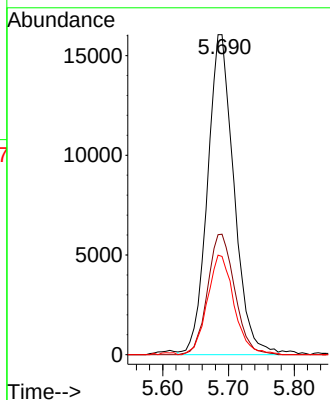
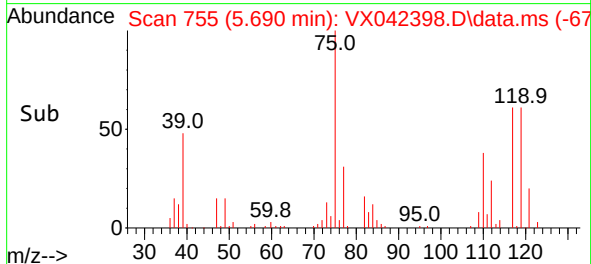
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 75 Resp: 4492
Ion Ratio Lower Upper
75 100
110 38.6 0.0 80.2
77 31.4 0.0 65.2

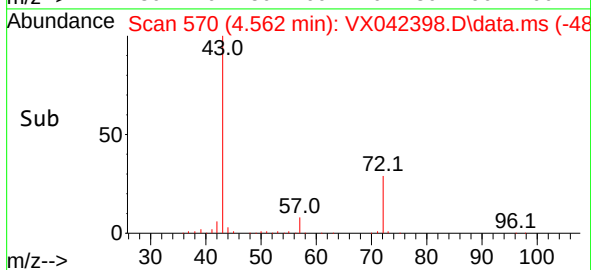
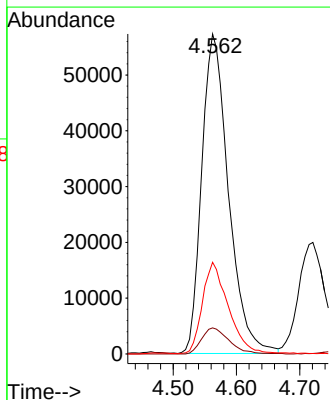
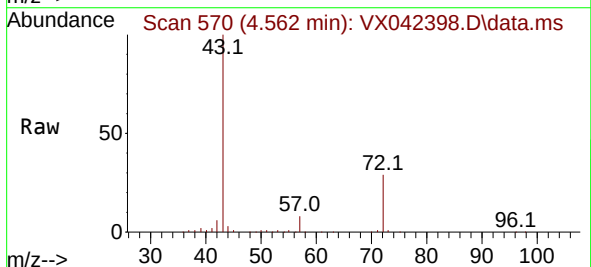
Manual Integrations
APPROVED

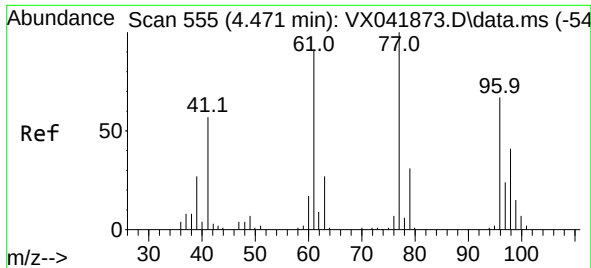
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#30
2-Butanone
Concen: 104.916 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

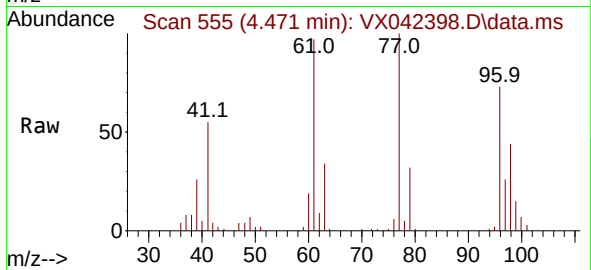
Tgt Ion: 43 Resp: 168499
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 27.5 22.0 33.0





#31
2,2-Dichloropropane
Concen: 19.256 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

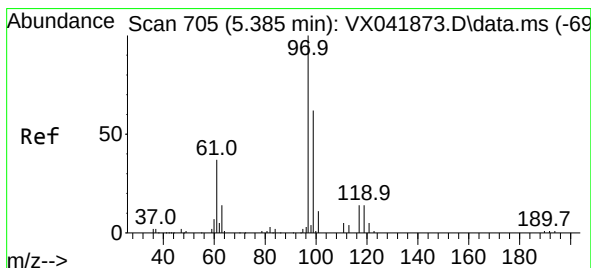
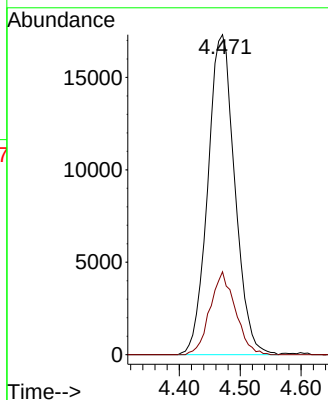
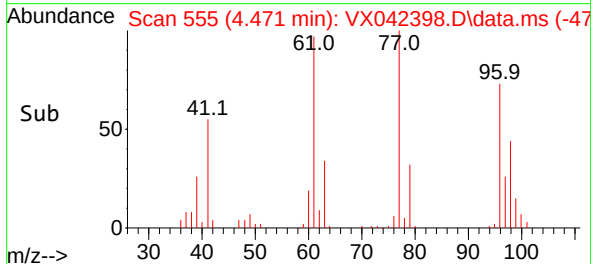
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 77 Resp: 5325
Ion Ratio Lower Upper
77 100
97 24.3 20.2 30.2

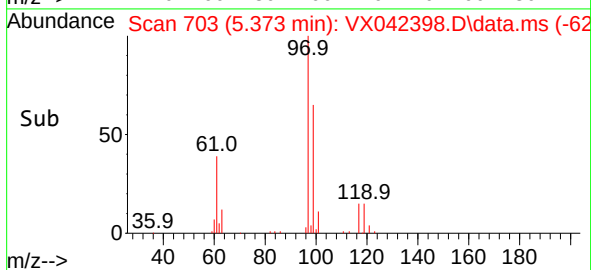
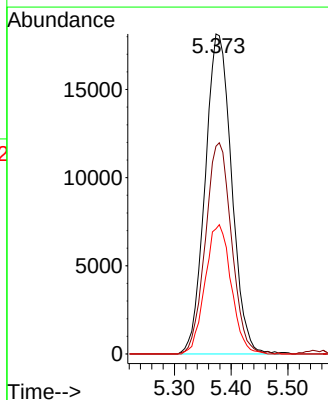
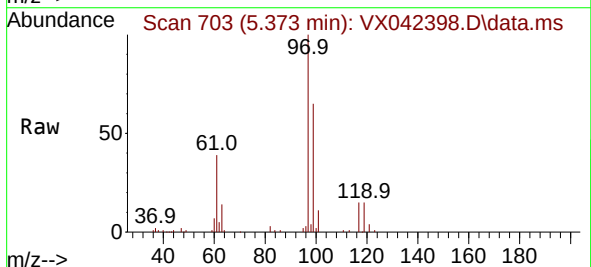
Manual Integrations
APPROVED

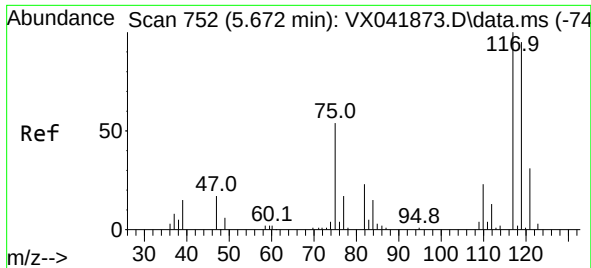
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#32
1,1,1-Trichloroethane
Concen: 18.939 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

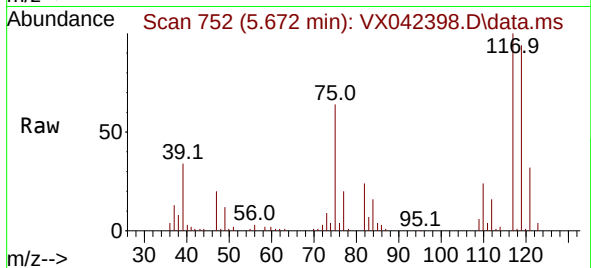
Tgt Ion: 97 Resp: 58844
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 39.7 31.7 47.5





#33
Carbon Tetrachloride
Concen: 18.150 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

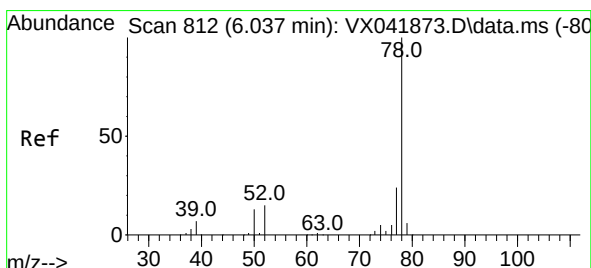
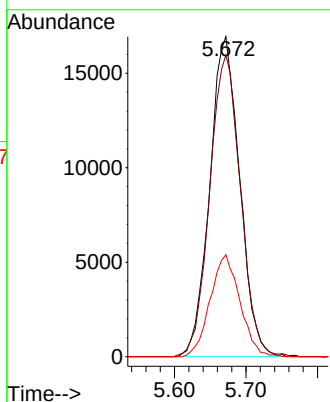
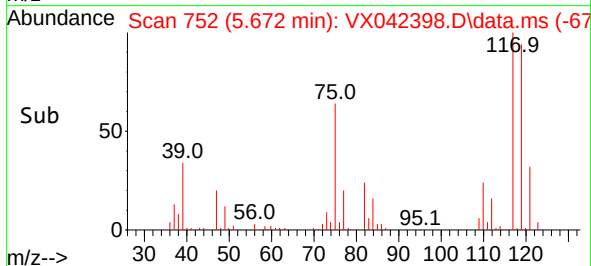
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



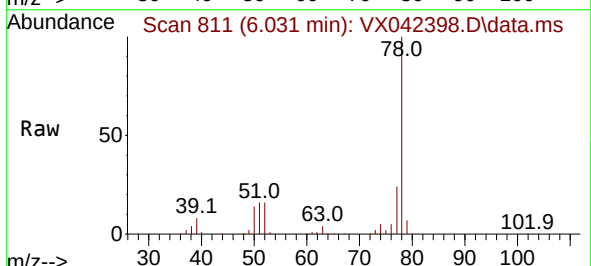
Tgt Ion: 117 Resp: 49250
Ion Ratio Lower Upper
117 100
119 93.7 75.7 113.5
121 31.9 24.9 37.3

Manual Integrations
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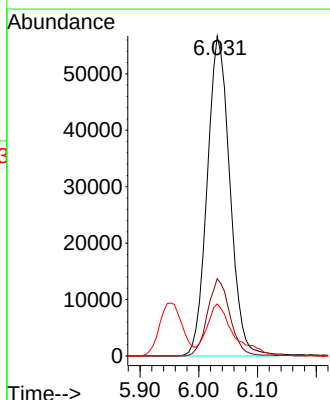
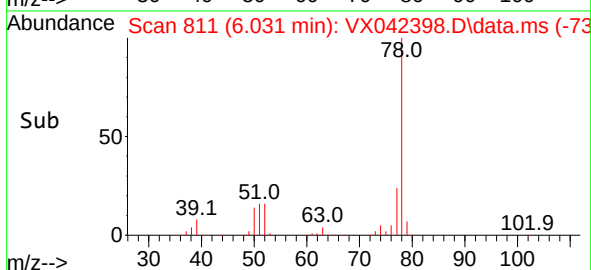
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

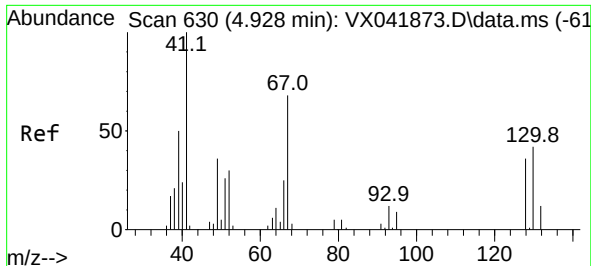


#34
Benzene
Concen: 19.275 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



Tgt Ion: 78 Resp: 152240
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 15.9 11.8 17.8





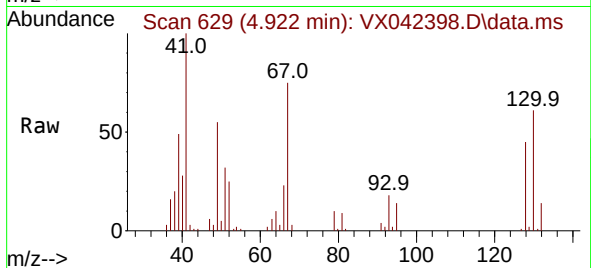
#35
Methacrylonitrile
Concen: 21.340 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01



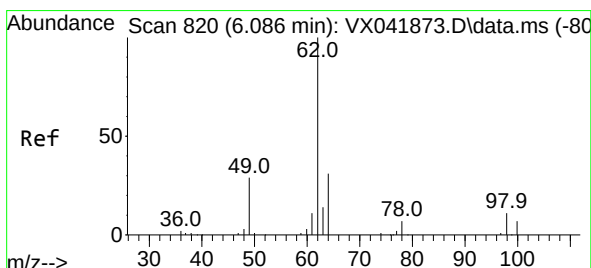
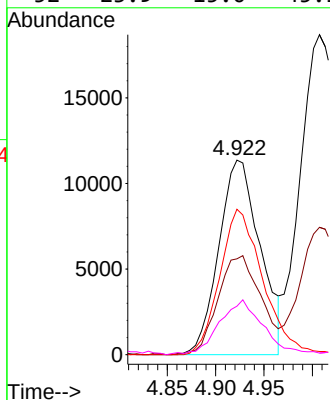
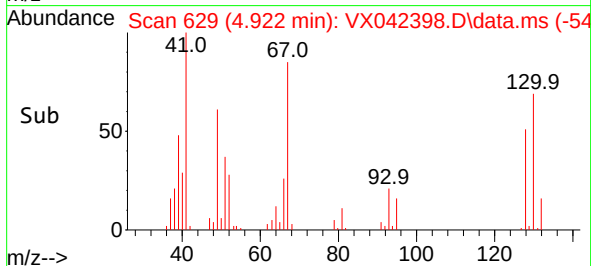
Tgt Ion: 41 Resp: 3382
Ion Ratio Lower Upper
41 100
39 48.6 25.2 75.6
67 74.8 34.2 102.5
52 23.9 15.0 45.1

Manual Integrations

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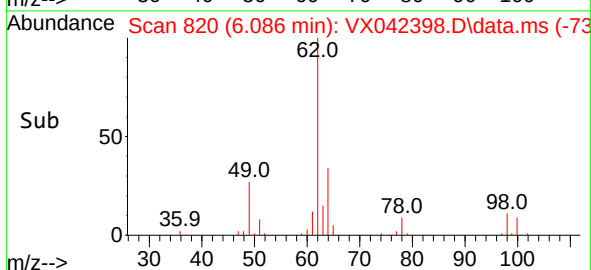
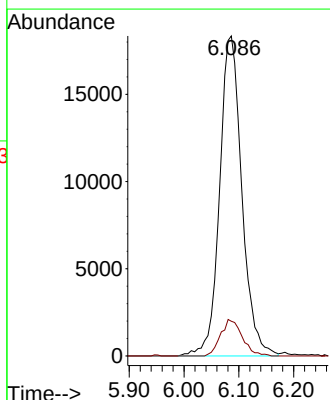
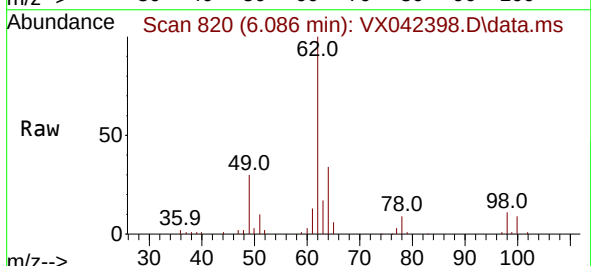
Reviewed By :John Carlone 07/19/2024

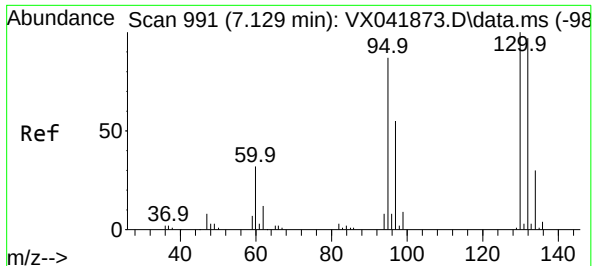
Supervised By :Mahesh Dadoda 07/22/2024



#36
1,2-Dichloroethane
Concen: 20.257 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 62 Resp: 51893
Ion Ratio Lower Upper
62 100
98 11.1 9.1 13.7





#37

Trichloroethene

Concen: 19.425 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion:130 Resp: 41260

Ion Ratio Lower Upper

130 100

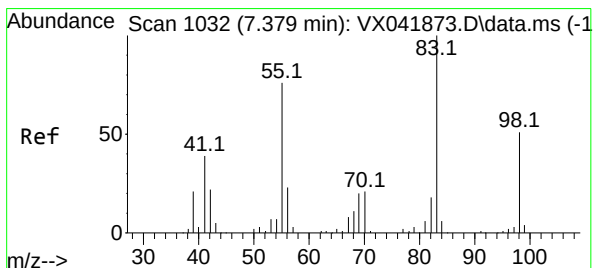
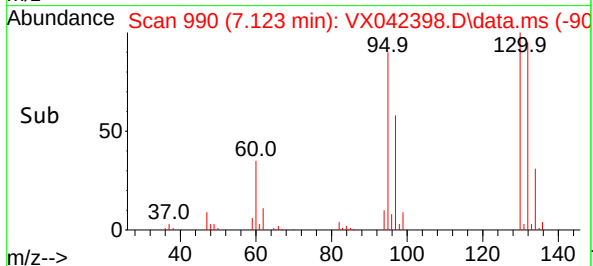
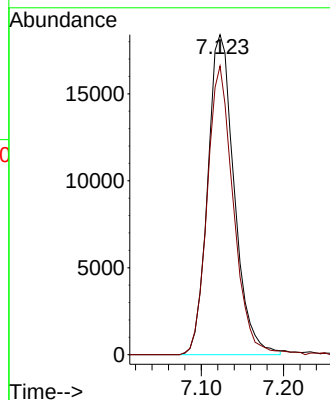
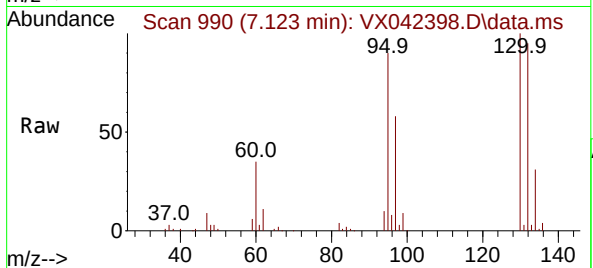
95 90.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#38

Methylcyclohexane

Concen: 19.102 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

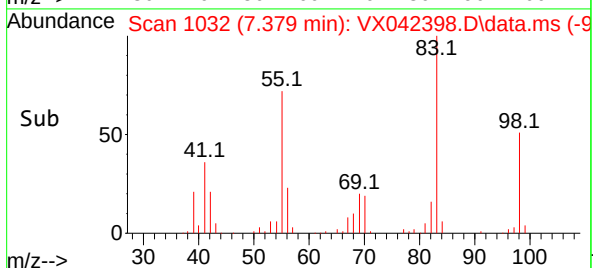
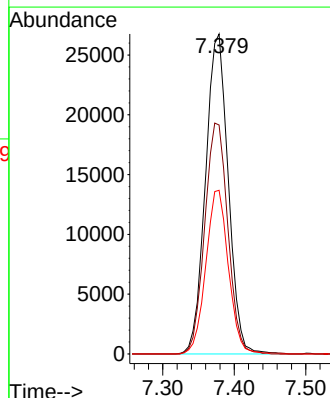
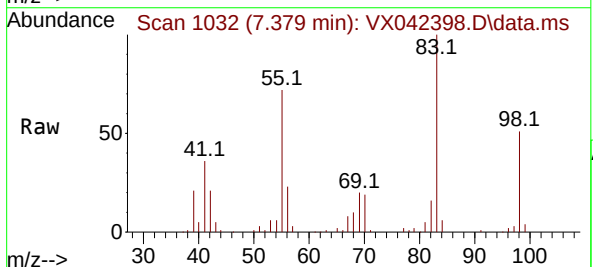
Tgt Ion: 83 Resp: 59087

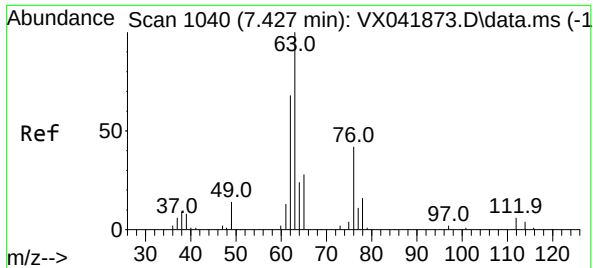
Ion Ratio Lower Upper

83 100

55 73.5 37.3 111.9

98 50.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.492 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

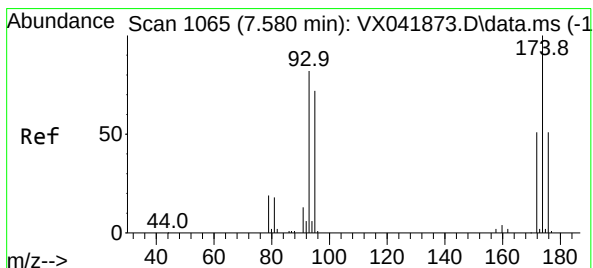
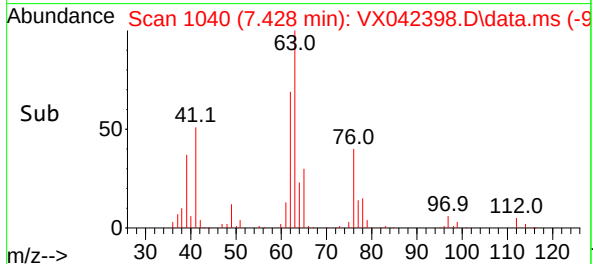
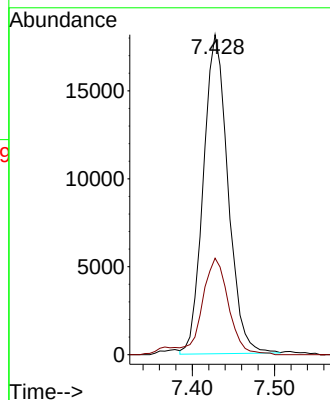
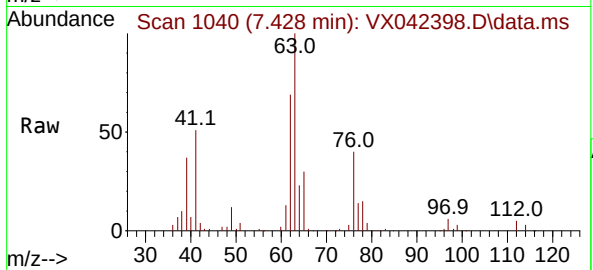
Tgt Ion: 63 Resp: 3784
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0

Manual Integrations

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#40

Dibromomethane

Concen: 20.074 ug/l

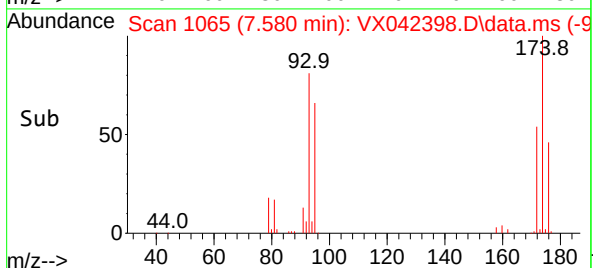
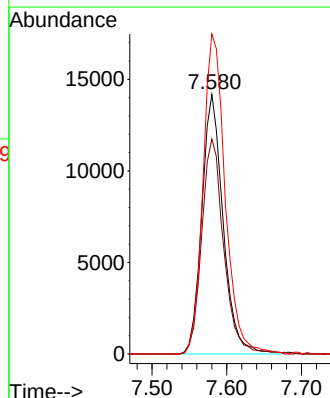
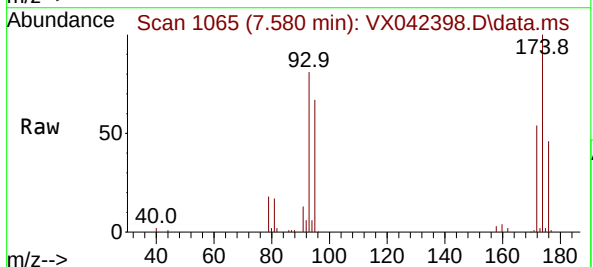
RT: 7.580 min Scan# 1065

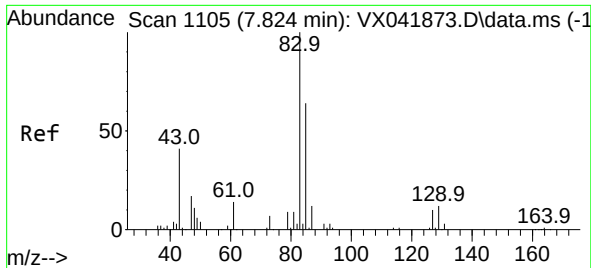
Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion: 93 Resp: 28134
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 168.6
 174 127.7 0.0 255.0





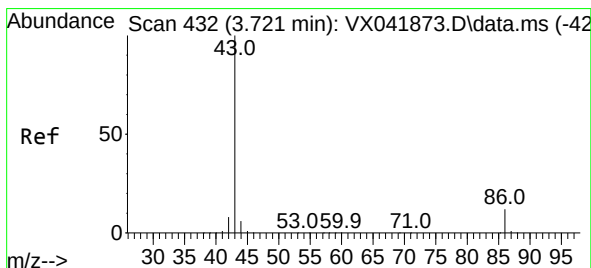
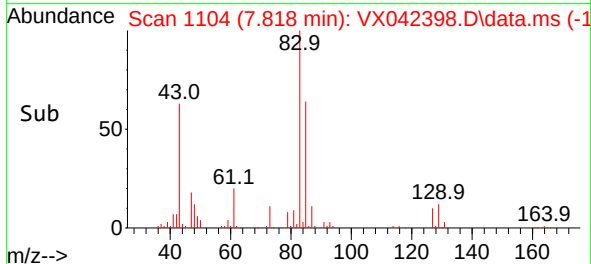
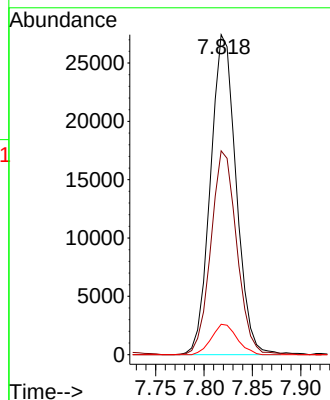
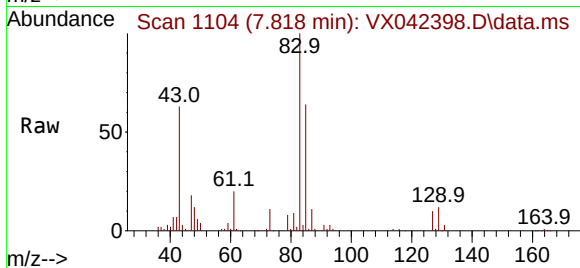
#41
Bromodichloromethane
Concen: 19.283 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 83 Resp: 5068
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 9.5 8.1 12.1

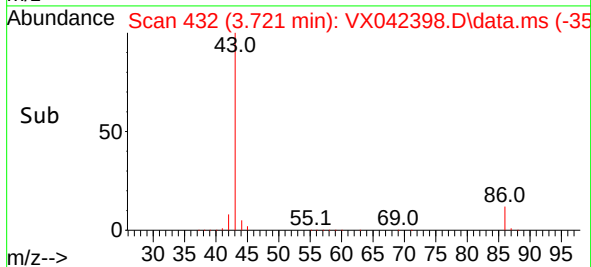
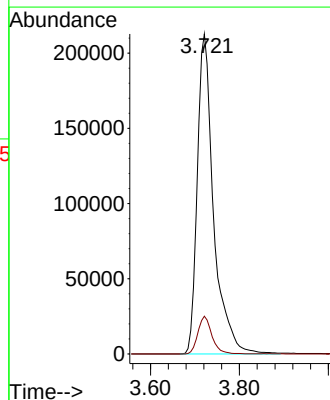
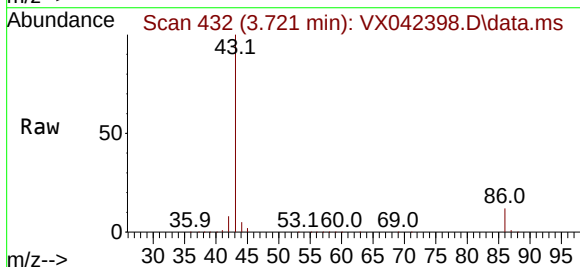
Manual Integrations
APPROVED

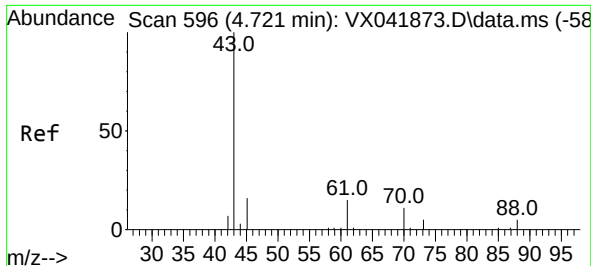
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#42
Vinyl Acetate
Concen: 104.335 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 43 Resp: 542131
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7





#43

Ethyl Acetate

Concen: 21.401 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion: 43 Resp: 60998

Ion Ratio Lower Upper

43 100

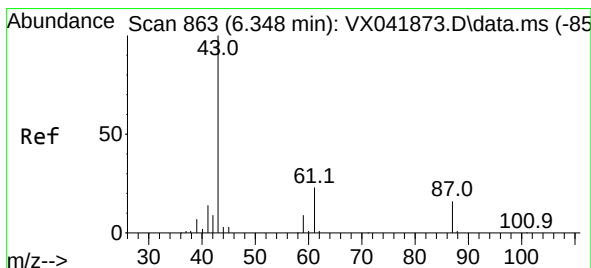
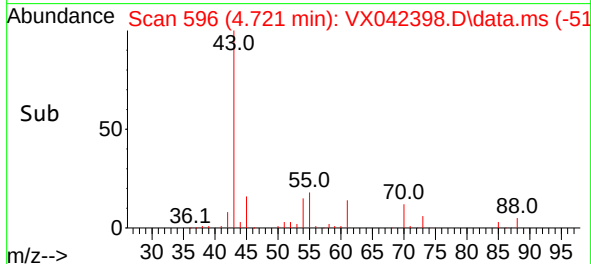
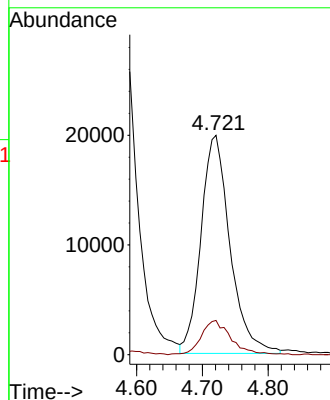
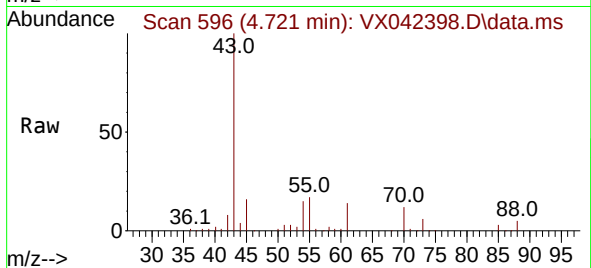
45 14.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#44

Isopropyl Acetate

Concen: 20.632 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX042398.D

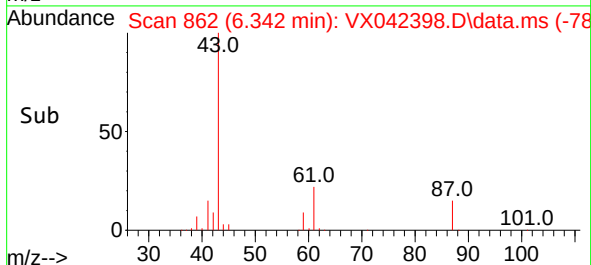
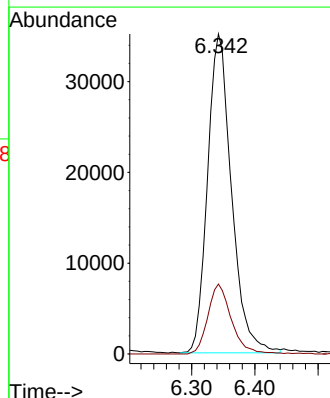
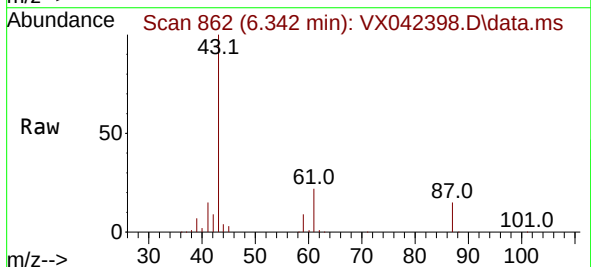
Acq: 19 Jul 2024 12:47

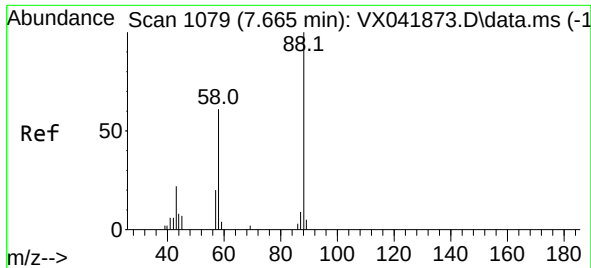
Tgt Ion: 43 Resp: 92379

Ion Ratio Lower Upper

43 100

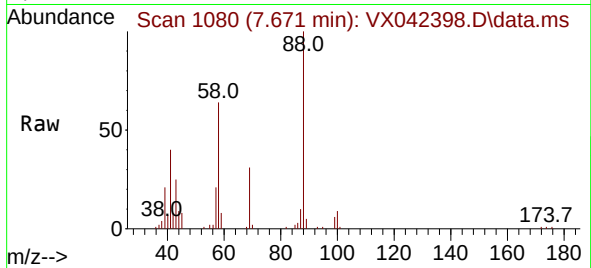
61 21.4 17.4 26.0





#45
1,4-Dioxane
Concen: 439.263 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

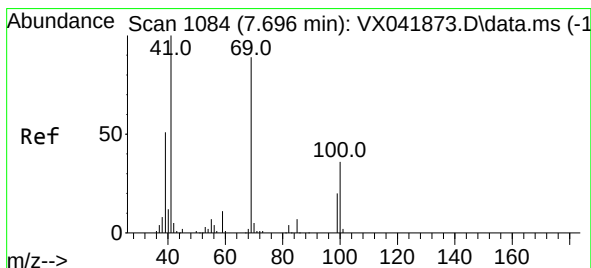
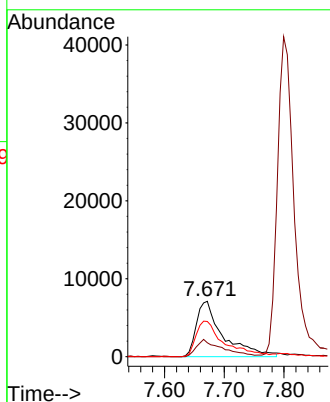
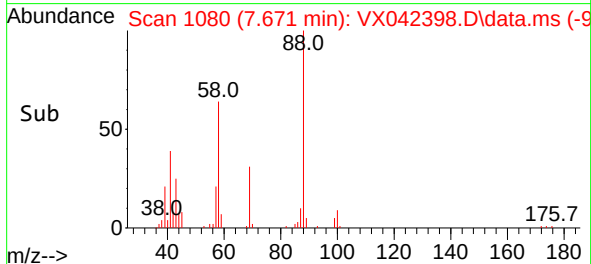
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 88 Resp: 22034
Ion Ratio Lower Upper
88 100
43 30.1 23.2 34.8
58 57.3 52.6 78.8

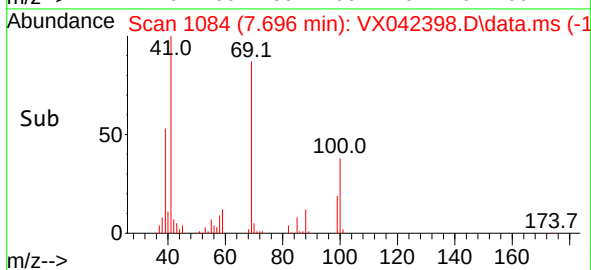
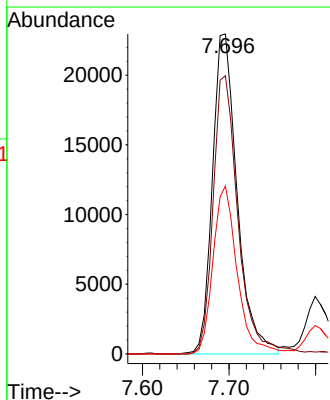
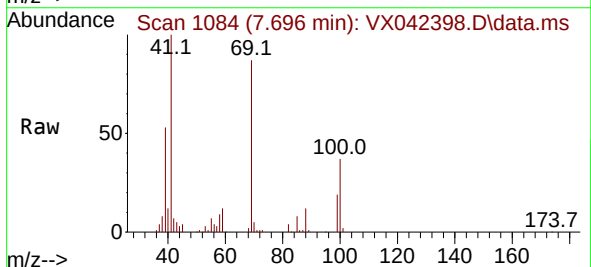
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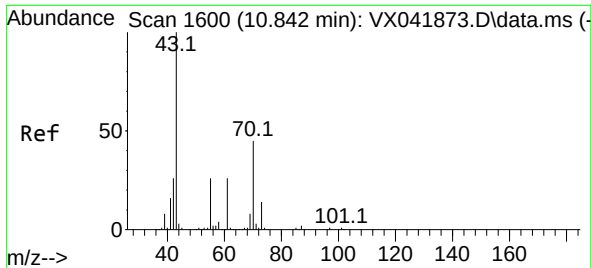
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#46
Methyl methacrylate
Concen: 20.886 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

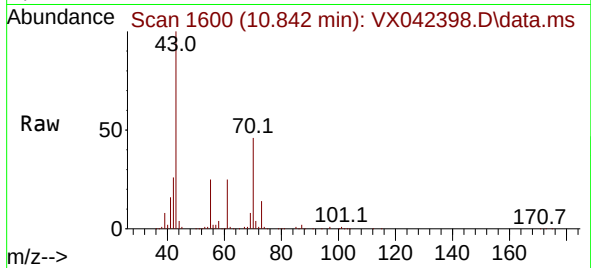
Tgt Ion: 41 Resp: 45574
Ion Ratio Lower Upper
41 100
69 86.9 44.4 133.1
39 52.5 25.5 76.5





#47
n-amyl acetate
Concen: 20.363 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

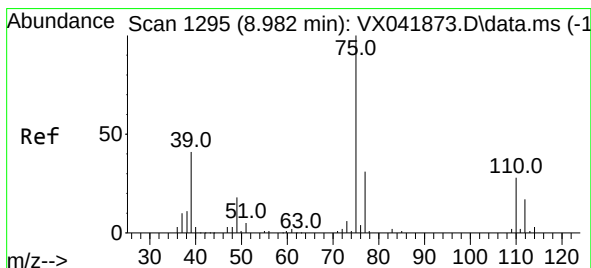
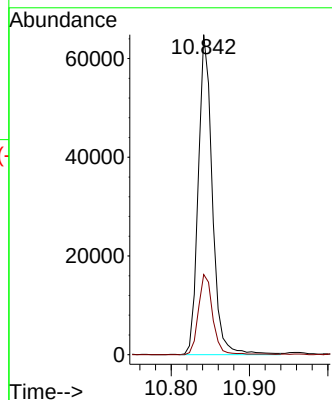
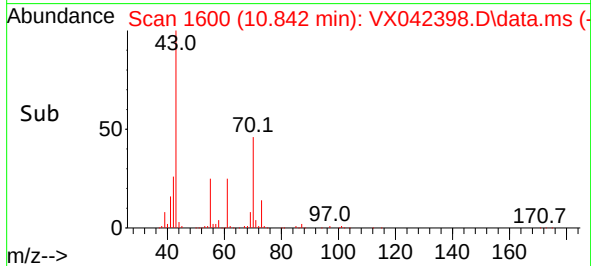
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 43 Resp: 8101
Ion Ratio Lower Upper
43 100
55 25.2 21.0 31.4

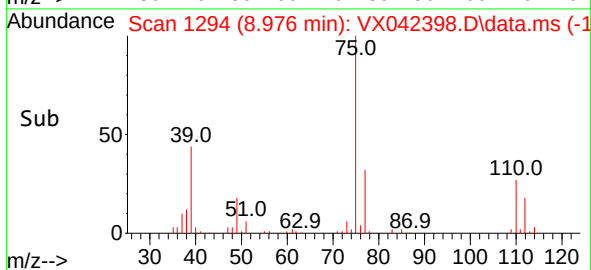
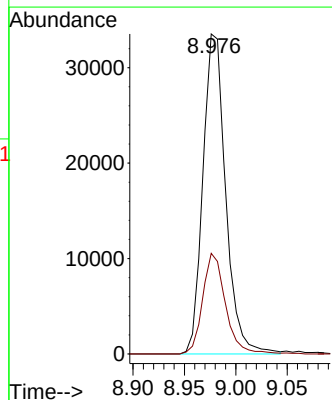
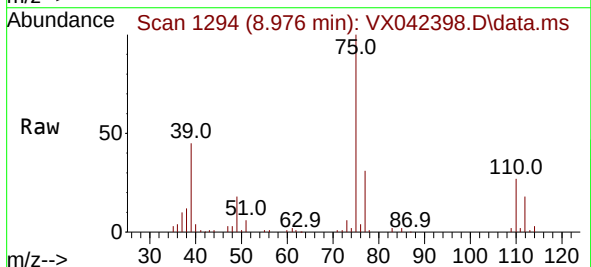
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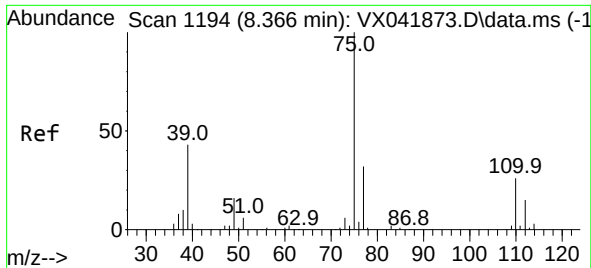
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
t-1,3-Dichloropropene
Concen: 19.777 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 75 Resp: 51828
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.830 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion: 75 Resp: 58408

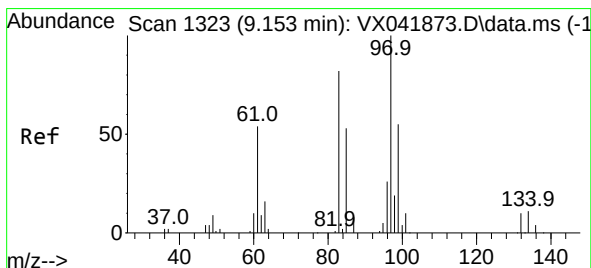
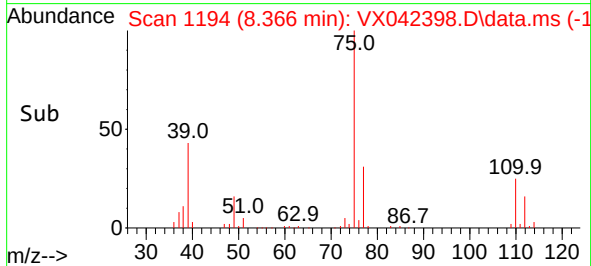
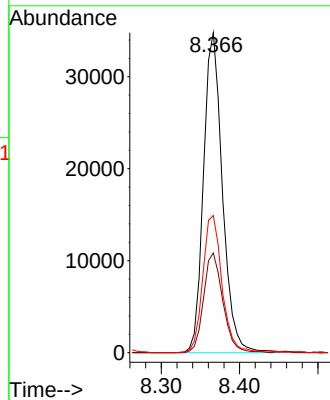
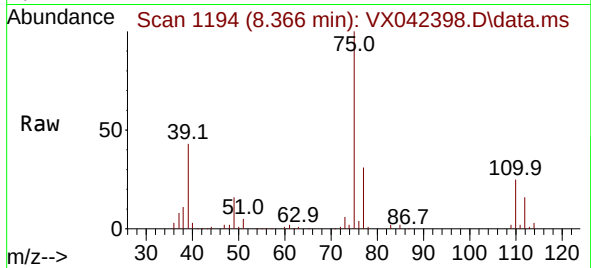
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.8
39	42.7	34.8	52.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/22/2024



#50

1,1,2-Trichloroethane

Concen: 20.582 ug/l

RT: 9.153 min Scan# 1323

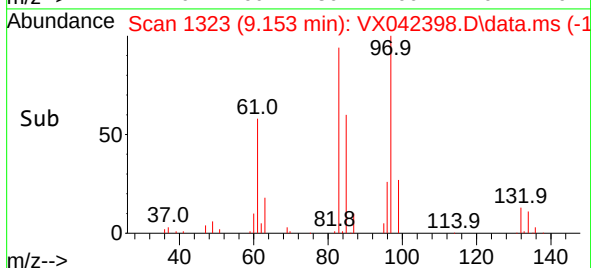
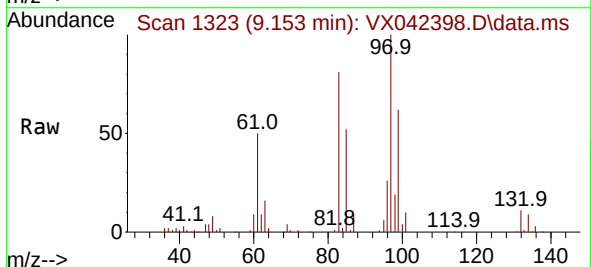
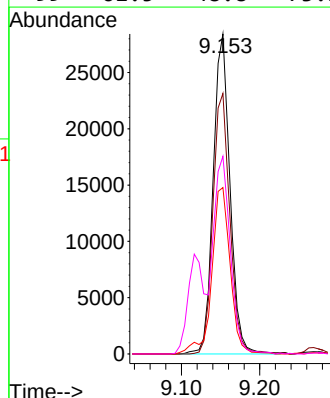
Delta R.T. 0.000 min

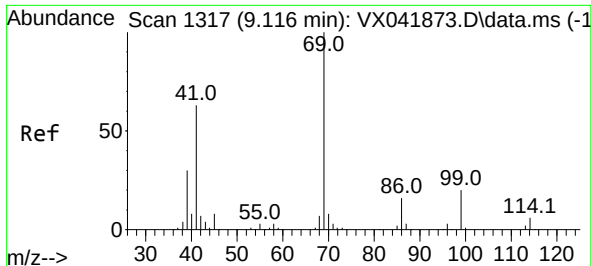
Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion: 97 Resp: 42303

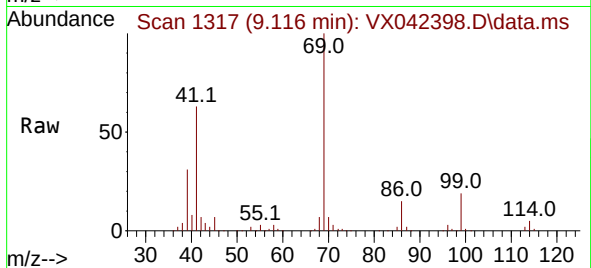
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.9	98.9
85	52.0	42.9	64.3
99	61.5	48.8	73.2





#51
Ethyl methacrylate
Concen: 20.767 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

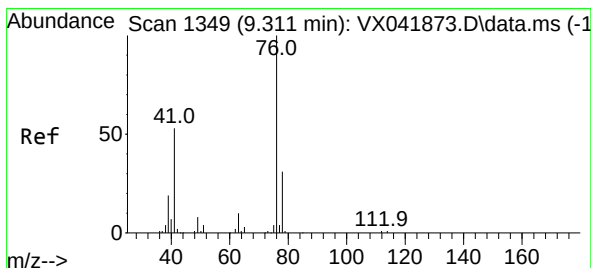
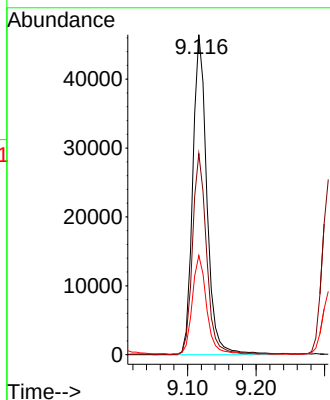
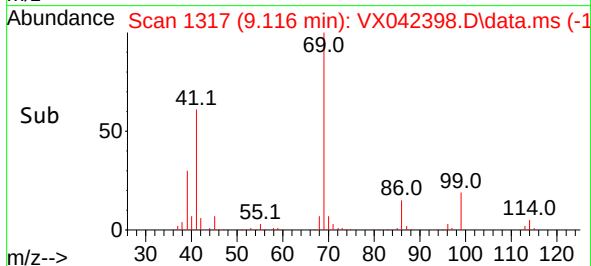
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 69 Resp: 66749
Ion Ratio Lower Upper
69 100
41 62.6 31.6 94.7
39 30.9 15.3 45.8

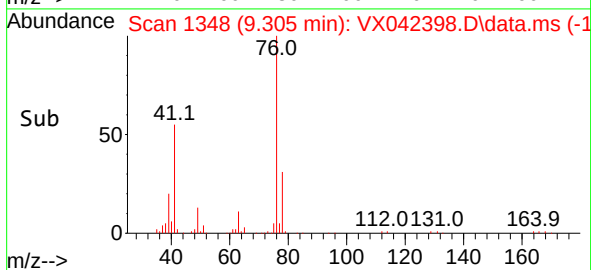
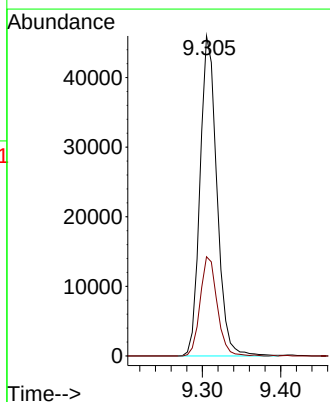
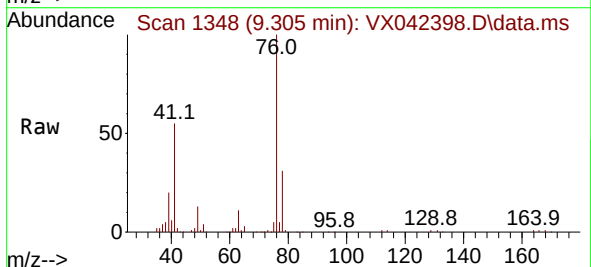
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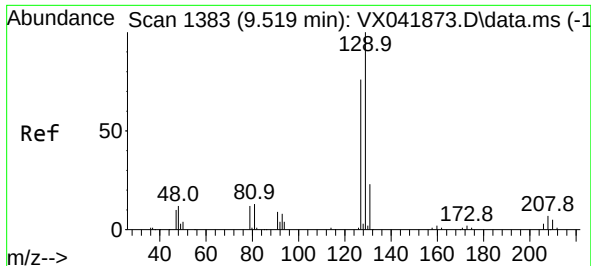
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#52
1,3-Dichloropropane
Concen: 20.588 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

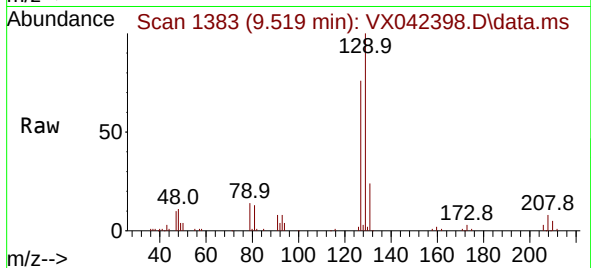
Tgt Ion: 76 Resp: 68737
Ion Ratio Lower Upper
76 100
78 31.2 0.0 66.0





#53
Dibromochloromethane
Concen: 19.736 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

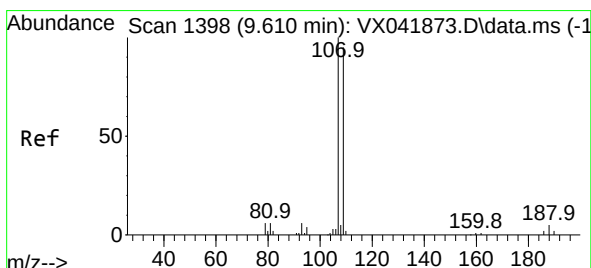
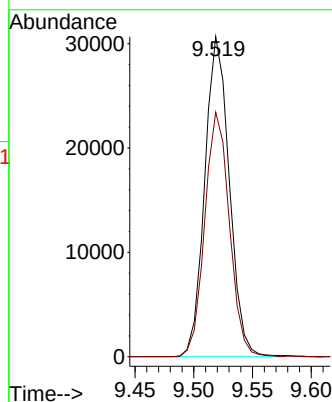
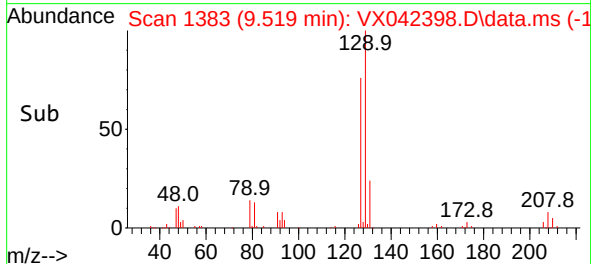
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion:129 Resp: 44570
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

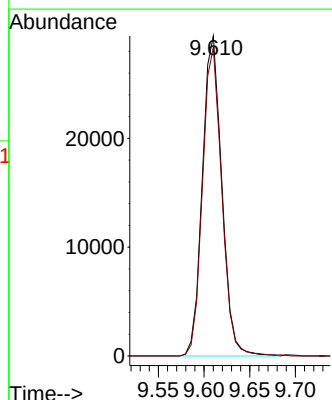
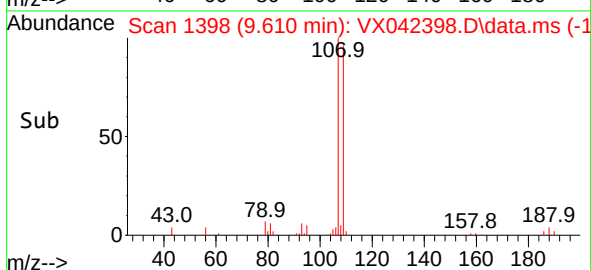
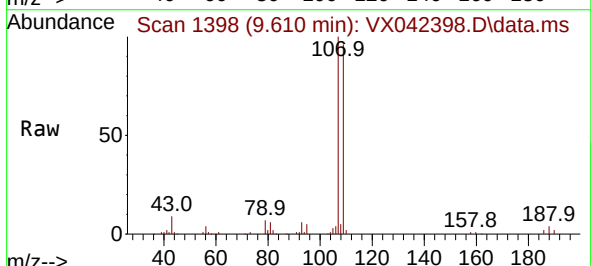
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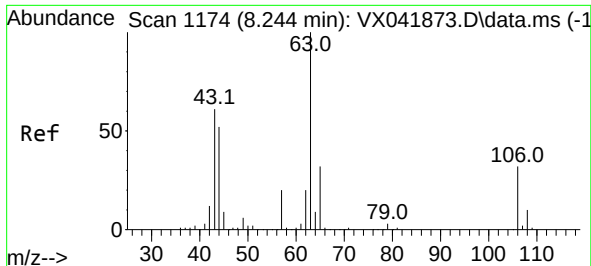
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
1,2-Dibromoethane
Concen: 20.425 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion:107 Resp: 43659
Ion Ratio Lower Upper
107 100
109 95.4 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 109.457 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion: 63 Resp: 17052

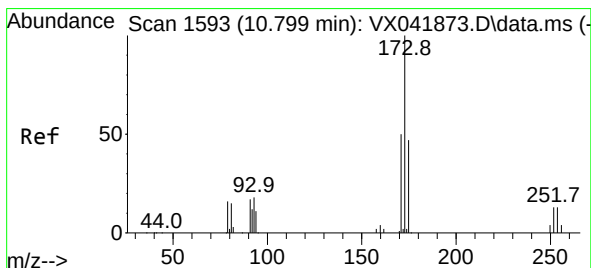
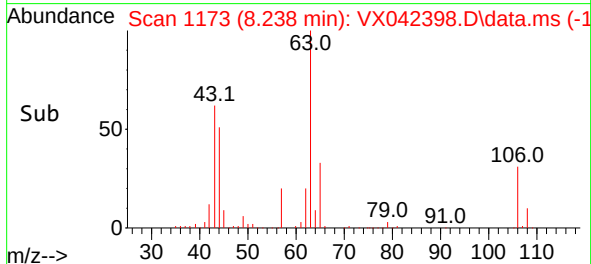
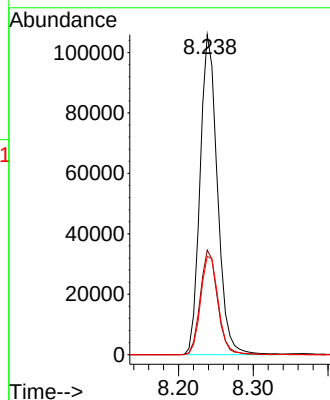
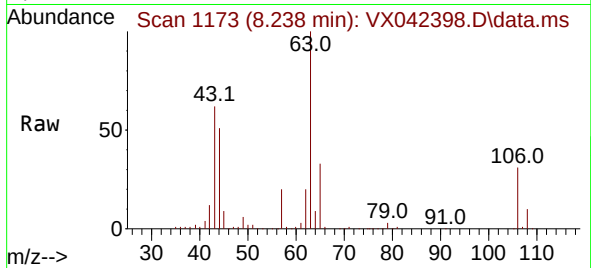
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.7	38.5
106	31.5	25.3	37.9

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#56

Bromoform

Concen: 19.488 ug/l

RT: 10.799 min Scan# 1593

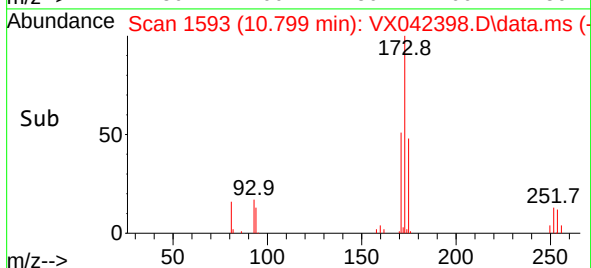
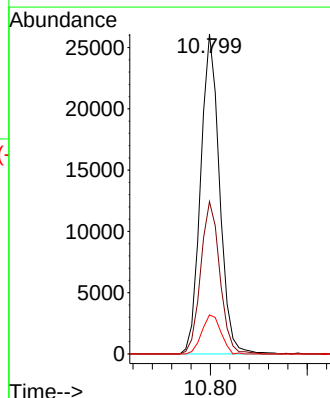
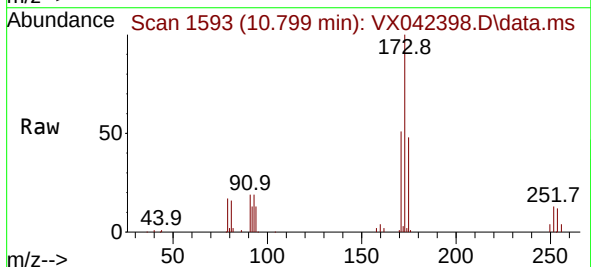
Delta R.T. 0.000 min

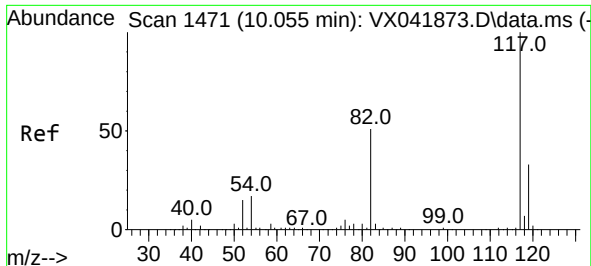
Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion:173 Resp: 35471

Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.3	58.9
254	12.2	9.6	14.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion: 117 Resp: 17092

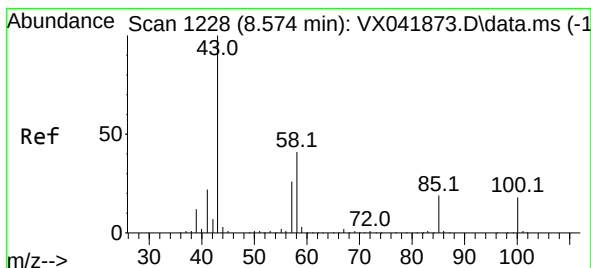
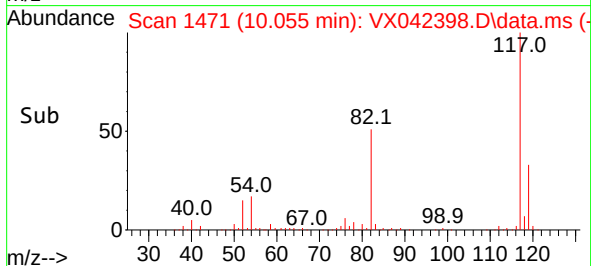
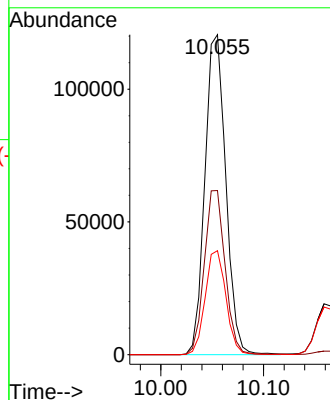
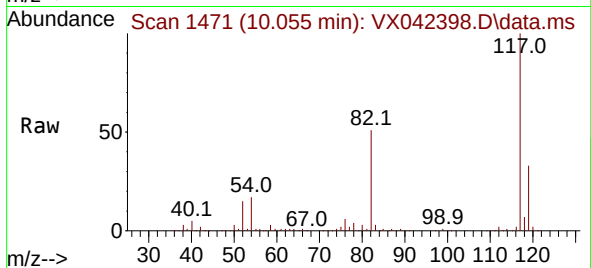
Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.1	61.7
119	32.4	26.1	39.1

Manual Integrations

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Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#58

4-Methyl-2-Pentanone

Concen: 107.675 ug/l

RT: 8.574 min Scan# 1228

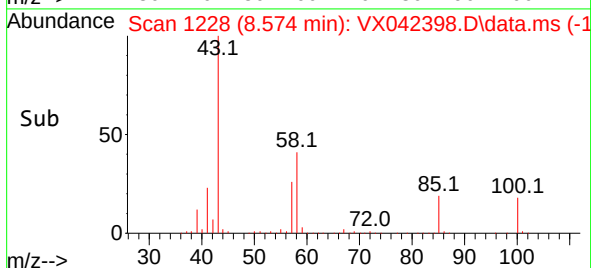
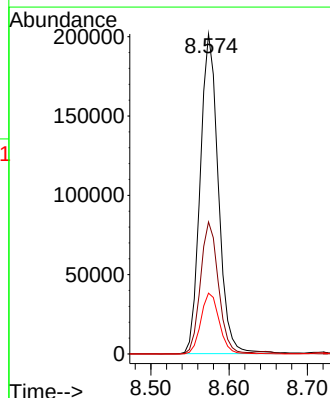
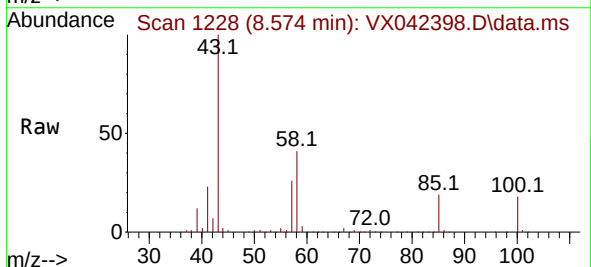
Delta R.T. 0.000 min

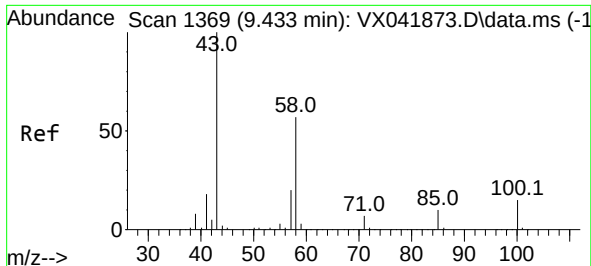
Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion: 43 Resp: 324352

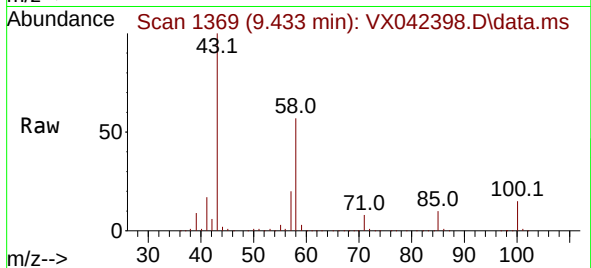
Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.2	49.8
85	19.3	15.5	23.3





#59
2-Hexanone
Concen: 106.155 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

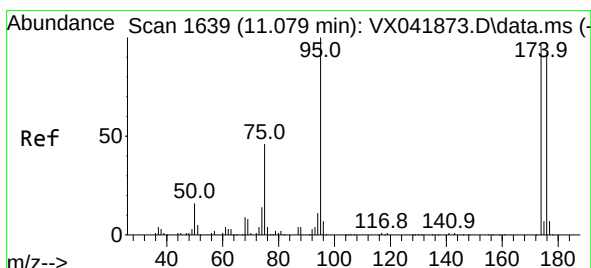
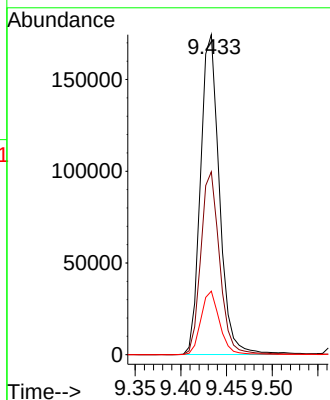
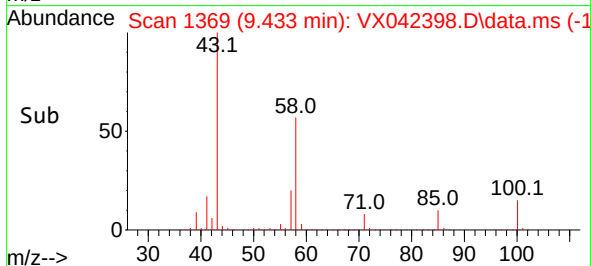
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 43 Resp: 250459
Ion Ratio Lower Upper
43 100
58 57.3 46.0 69.0
57 19.5 15.8 23.6

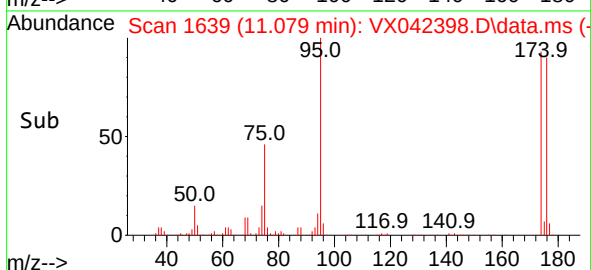
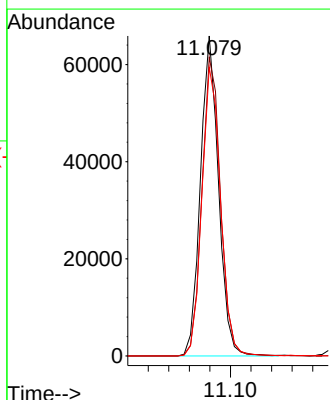
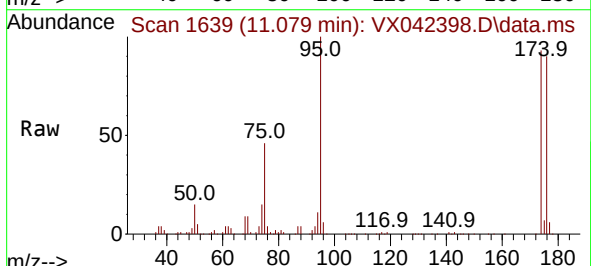
Manual Integrations
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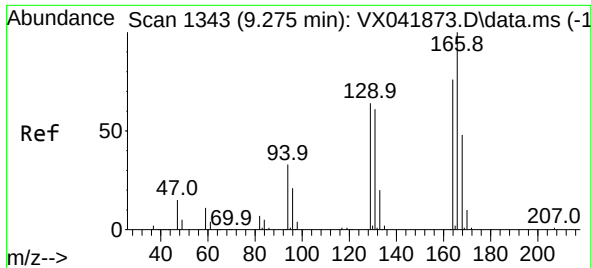
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
4-Bromofluorobenzene
Concen: 30.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

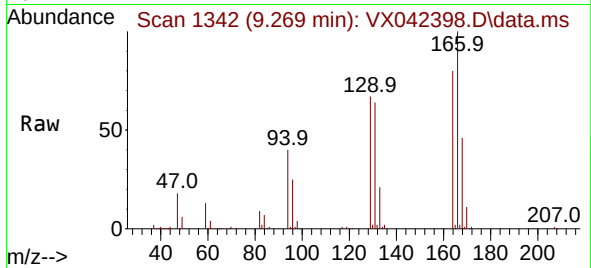
Tgt Ion: 95 Resp: 80775
Ion Ratio Lower Upper
95 100
174 95.9 78.9 118.3
176 93.0 77.1 115.7





#61
Tetrachloroethene
Concen: 19.507 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

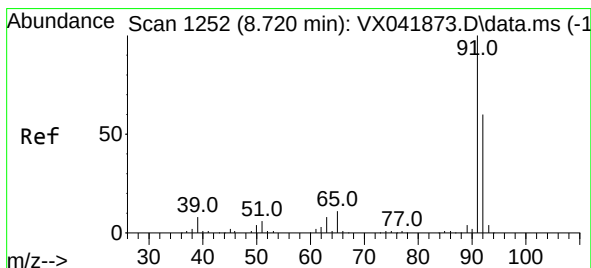
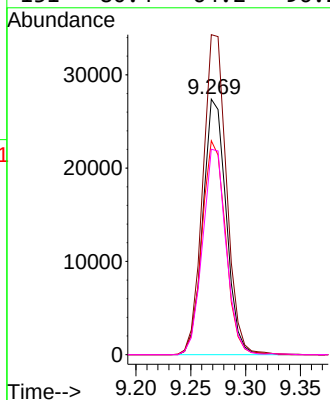
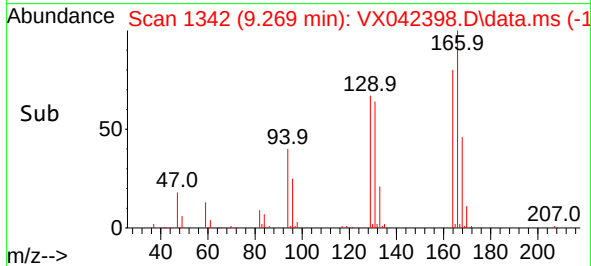
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion:164 Resp: 4044
Ion Ratio Lower Upper
164 100
166 125.0 105.0 157.6
129 83.5 67.1 100.7
131 80.4 64.2 96.2

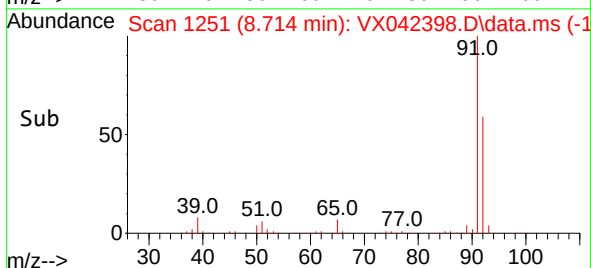
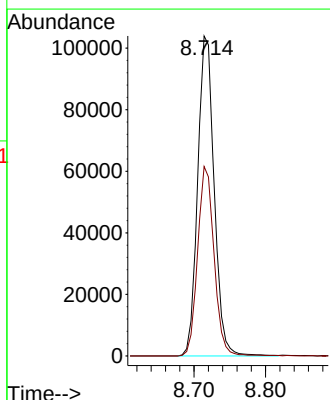
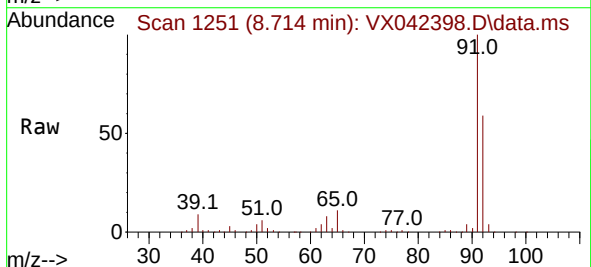
Manual Integrations
APPROVED

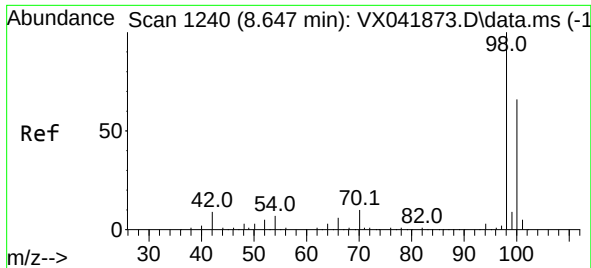
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#62
Toluene
Concen: 19.510 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

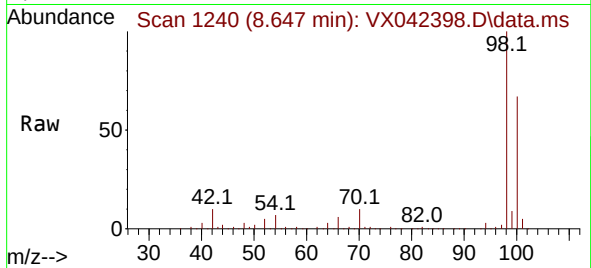
Tgt Ion: 91 Resp: 166720
Ion Ratio Lower Upper
91 100
92 58.7 47.4 71.2





#63
Toluene-d8
Concen: 29.778 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

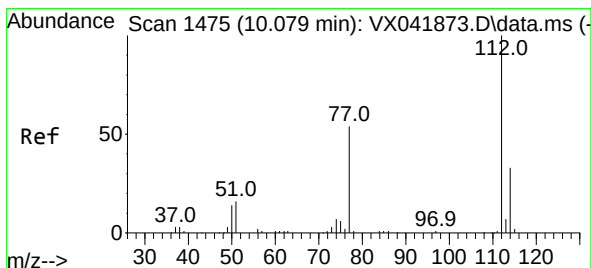
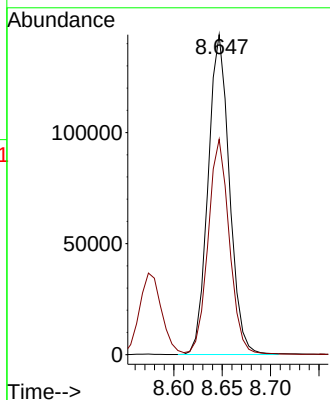
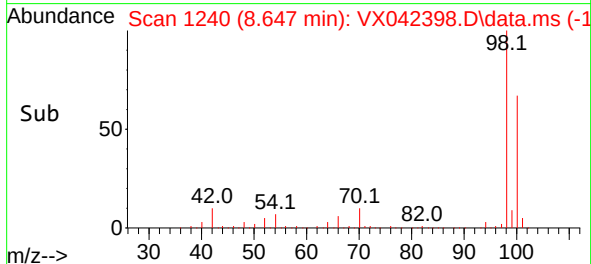
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



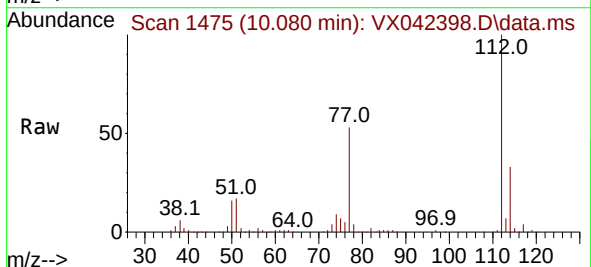
Tgt Ion: 98 Resp: 221102
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

Manual Integrations
APPROVED

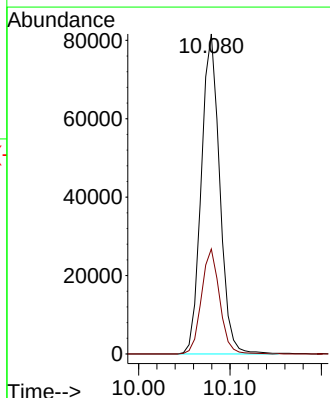
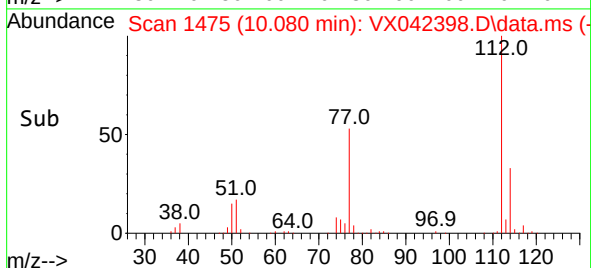
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

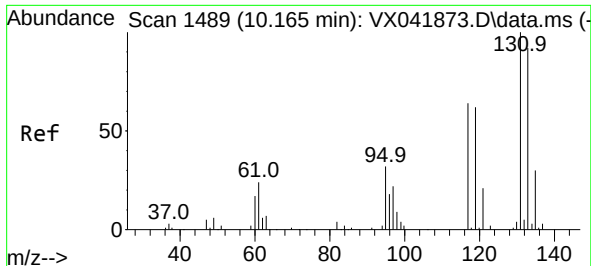


#64
Chlorobenzene
Concen: 19.796 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



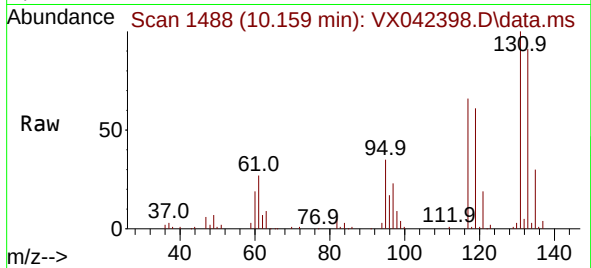
Tgt Ion:112 Resp: 114154
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.553 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

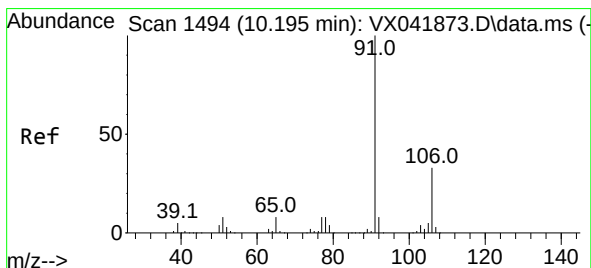
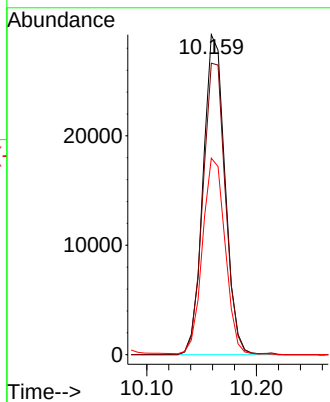
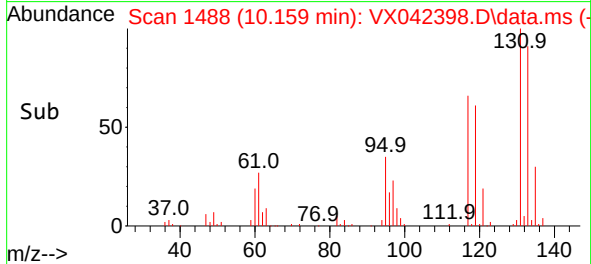
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion:131 Resp: 40574
Ion Ratio Lower Upper
131 100
133 93.8 0.0 194.8
119 63.6 0.0 127.6

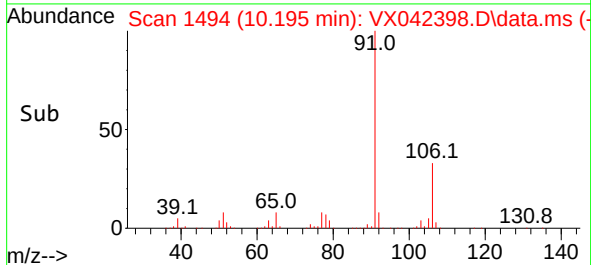
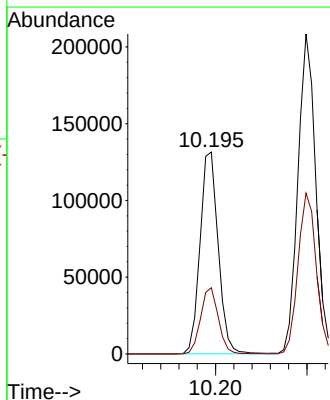
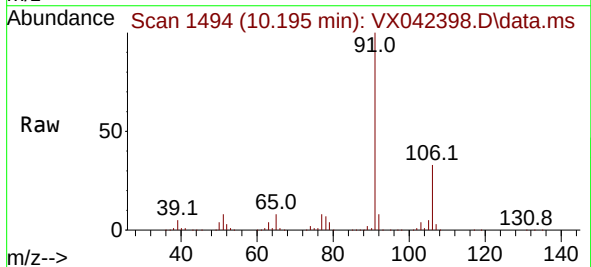
Manual Integrations
APPROVED

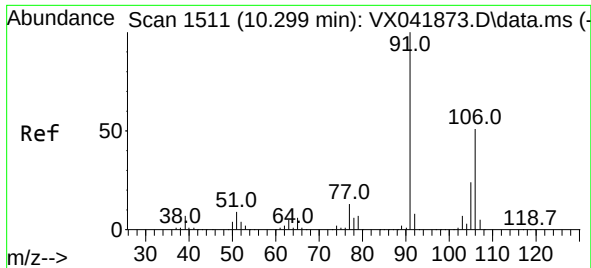
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
Ethyl Benzene
Concen: 19.500 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

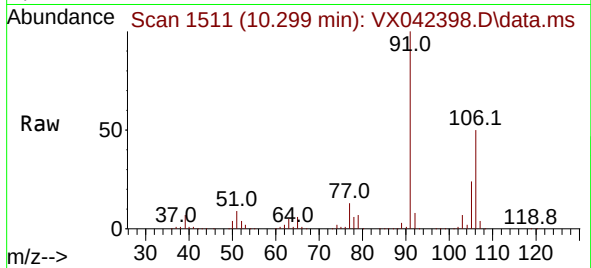
Tgt Ion: 91 Resp: 181593
Ion Ratio Lower Upper
91 100
106 32.8 26.4 39.6





#67
m/p-Xylenes
Concen: 39.278 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

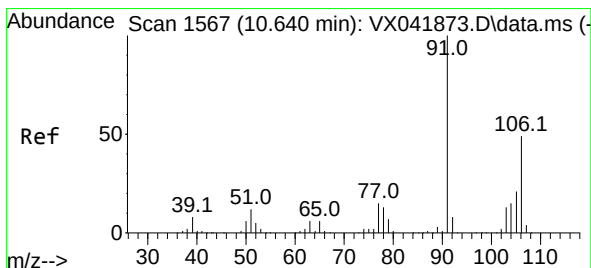
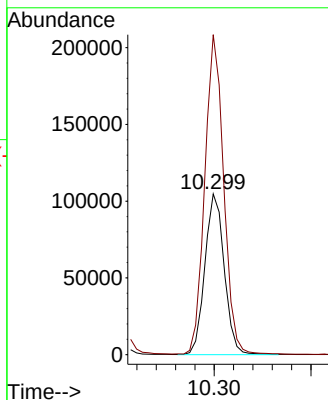
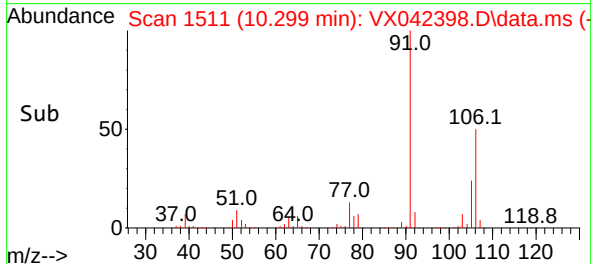
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



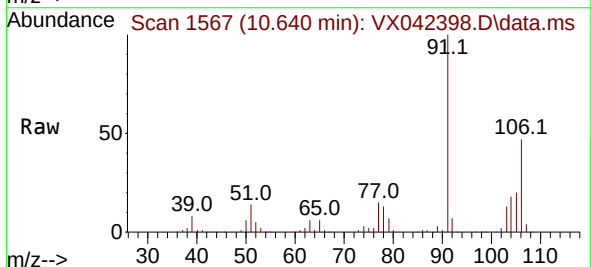
Tgt Ion:106 Resp: 146238
Ion Ratio Lower Upper
106 100
91 194.1 157.0 235.6

Manual Integrations
APPROVED

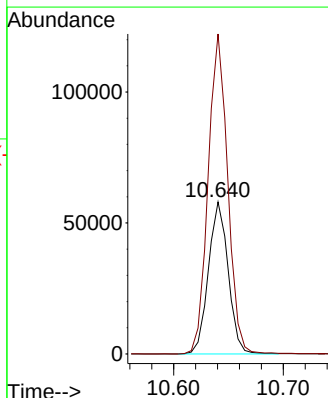
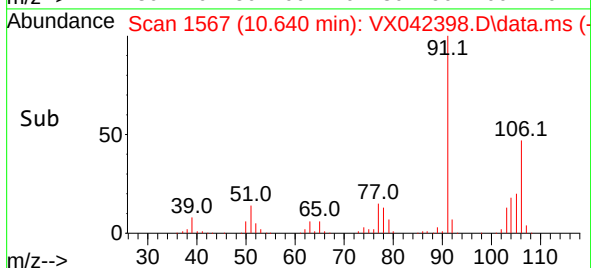
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

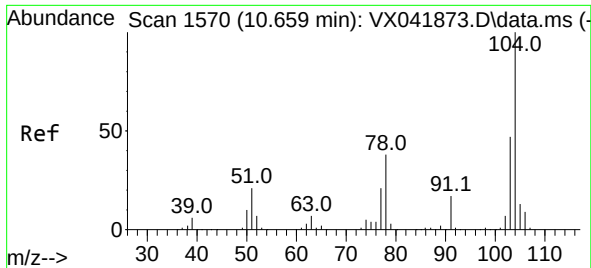


#68
o-Xylene
Concen: 19.603 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



Tgt Ion:106 Resp: 72635
Ion Ratio Lower Upper
106 100
91 208.7 103.2 309.6





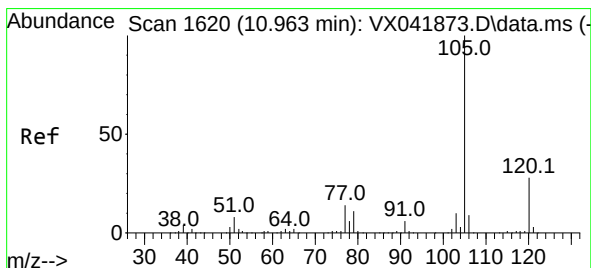
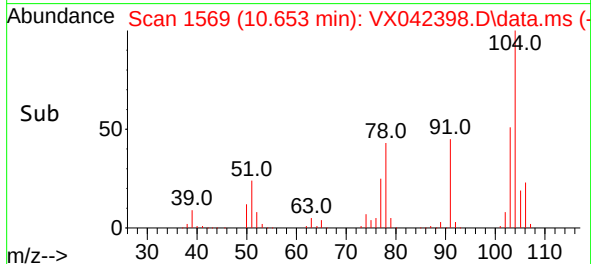
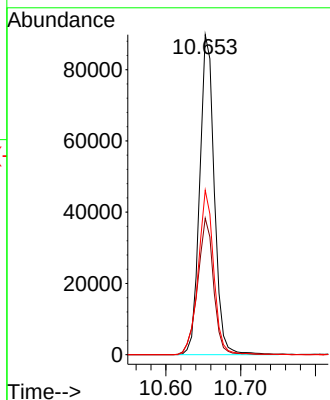
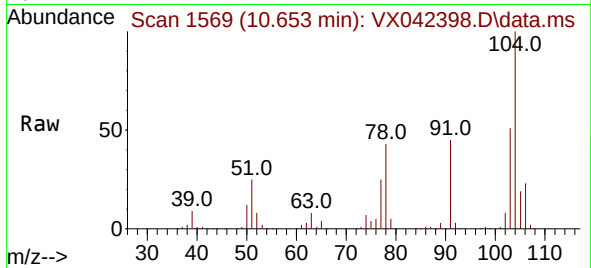
#69
Styrene
Concen: 19.575 ug/l
RT: 10.653 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion:104 Resp: 12198
Ion Ratio Lower Upper
104 100
78 46.5 36.5 54.7
103 54.1 43.4 65.2

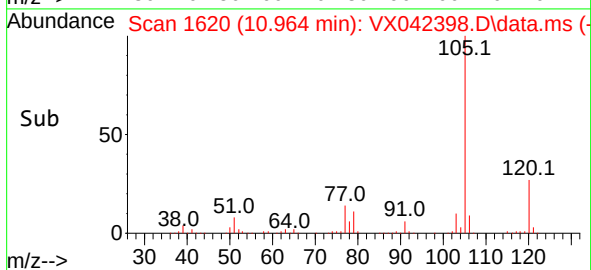
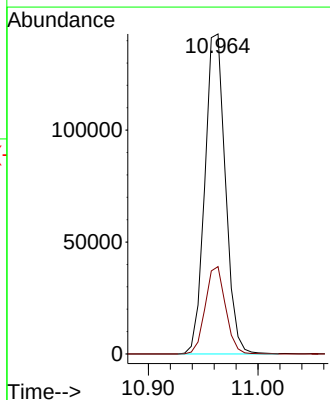
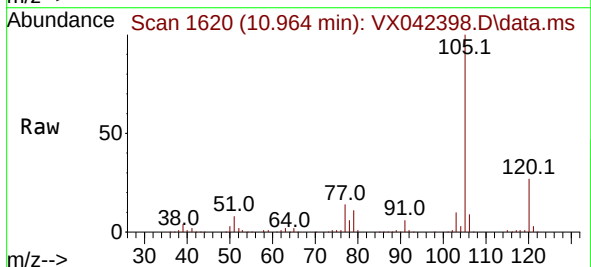
Manual Integrations
APPROVED

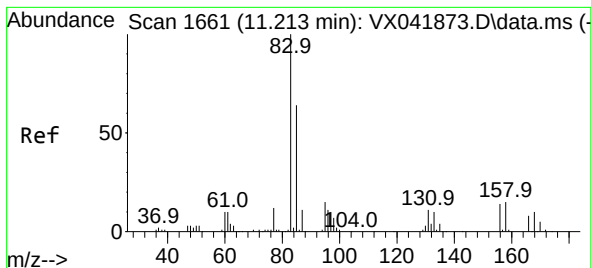
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#70
Isopropylbenzene
Concen: 19.719 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion:105 Resp: 186288
Ion Ratio Lower Upper
105 100
120 26.9 19.2 35.6





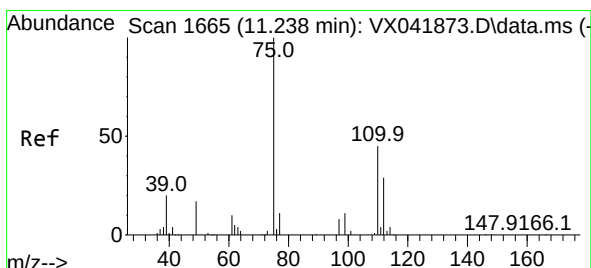
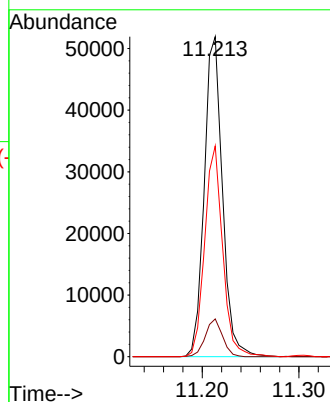
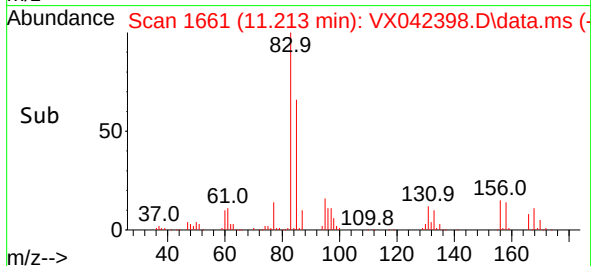
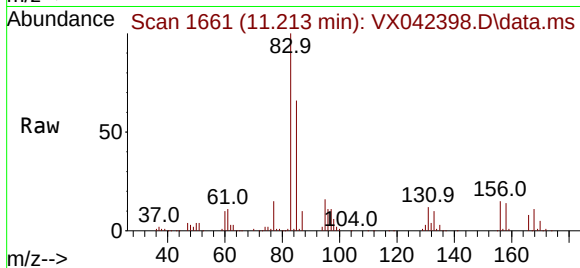
#71
1,1,2,2-Tetrachloroethane
Concen: 20.955 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01

Tgt Ion: 83 Resp: 6812
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 65.0 32.6 97.7

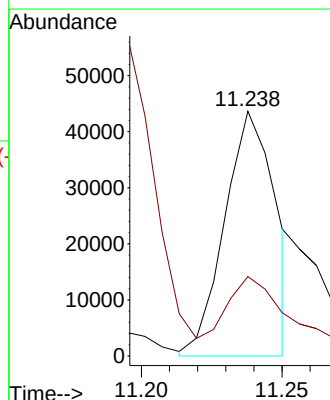
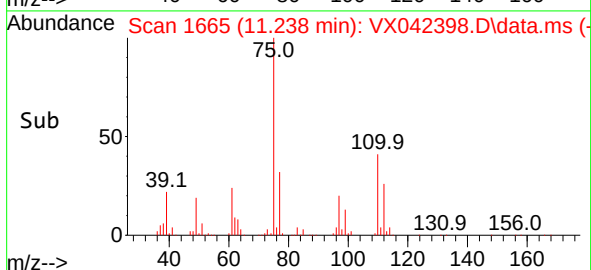
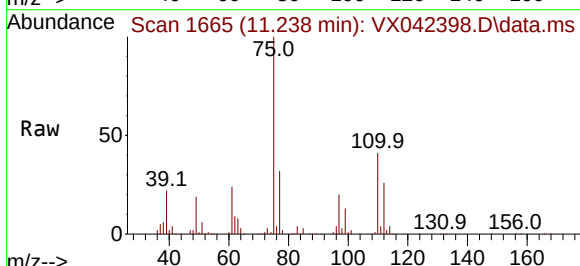
Manual Integrations
APPROVED

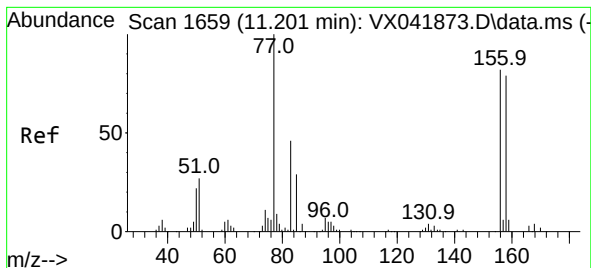
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,2,3-Trichloropropane
Concen: 21.205 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion: 75 Resp: 54735
Ion Ratio Lower Upper
75 100
77 42.4 0.0 79.6





#73

Bromobenzene

Concen: 19.774 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

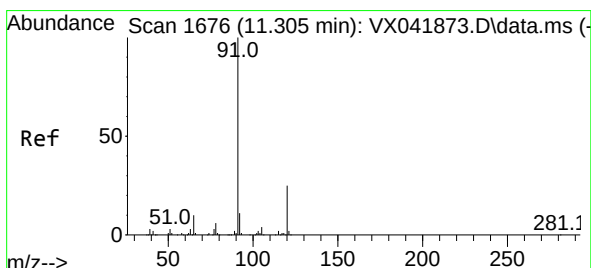
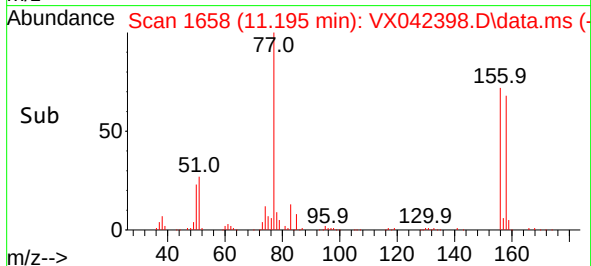
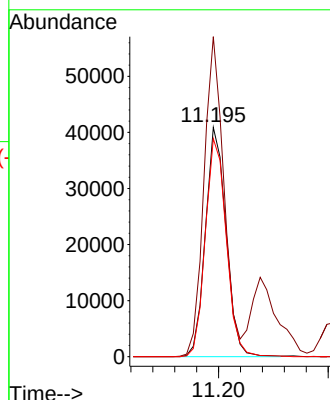
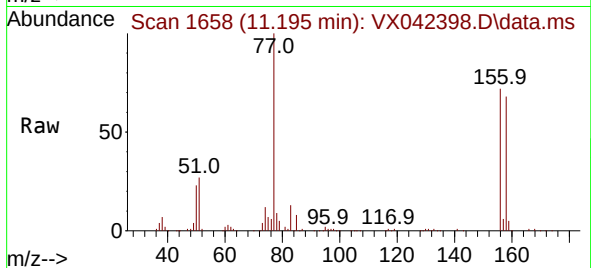
Tgt Ion:	156	Resp:	5338
Ion Ratio	Lower	Upper	
156	100		
77	133.6	0.0	266.2
158	96.7	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#74

n-propylbenzene

Concen: 19.559 ug/l

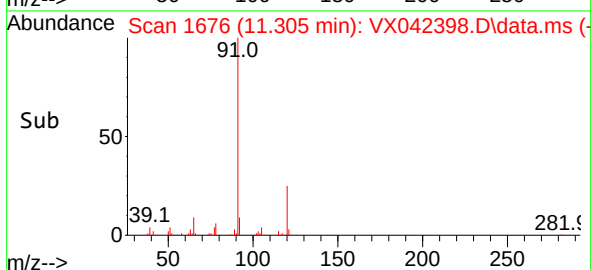
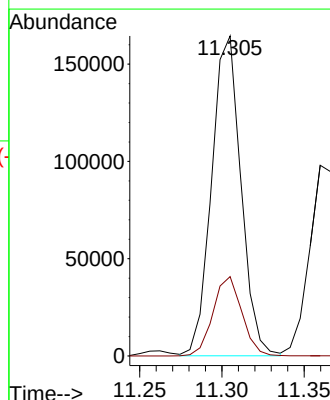
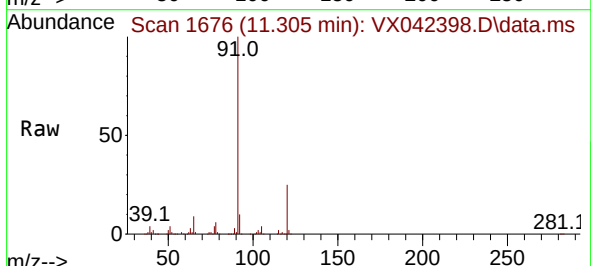
RT: 11.305 min Scan# 1676

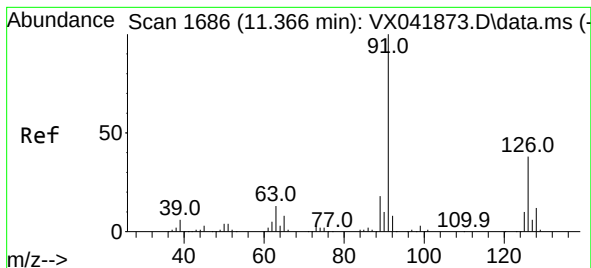
Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion:	91	Resp:	204126
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	49.6





#75

2-Chlorotoluene

Concen: 19.717 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion: 91 Resp: 12940

Ion Ratio Lower Upper

91 100

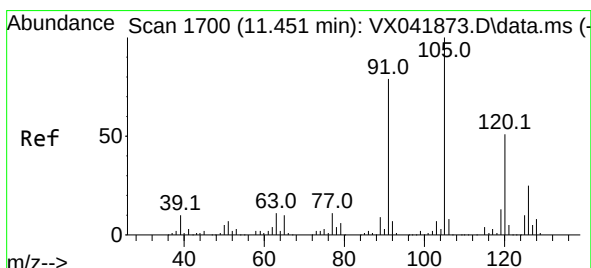
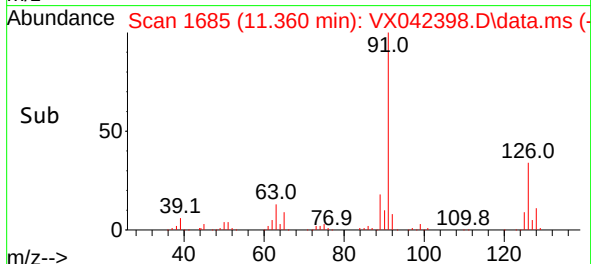
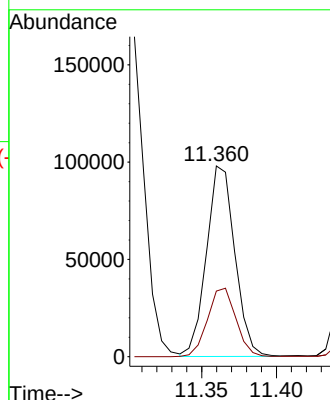
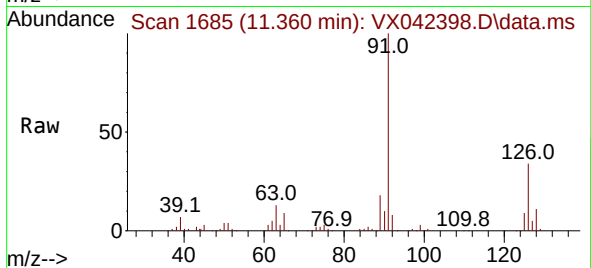
126 36.1 0.0 72.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.703 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042398.D

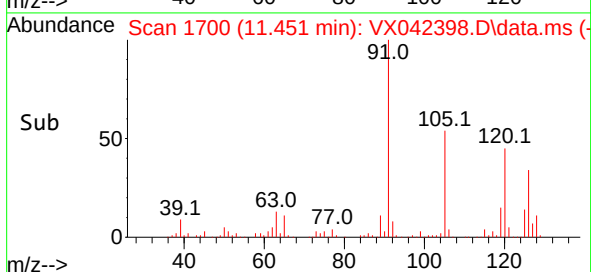
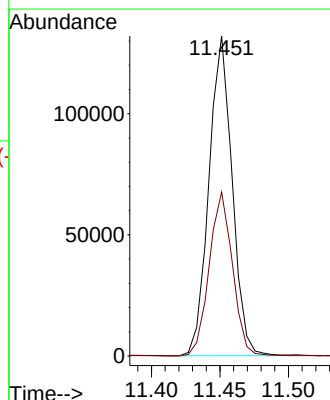
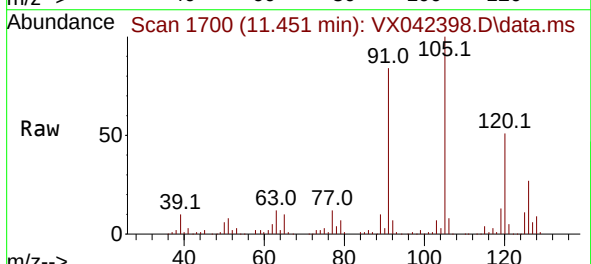
Acq: 19 Jul 2024 12:47

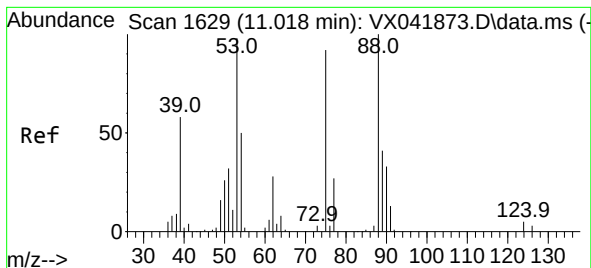
Tgt Ion:105 Resp: 155510

Ion Ratio Lower Upper

105 100

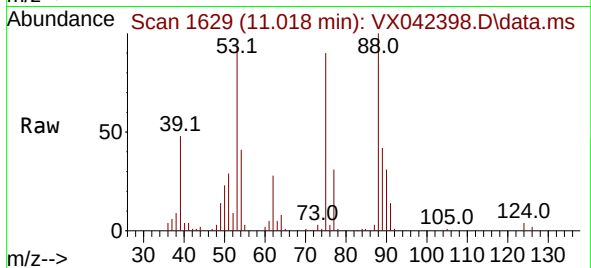
120 51.5 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.737 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

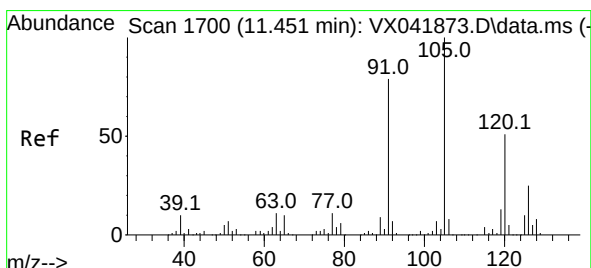
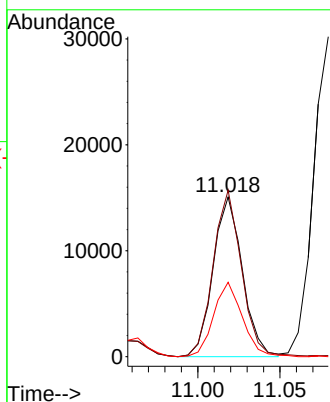
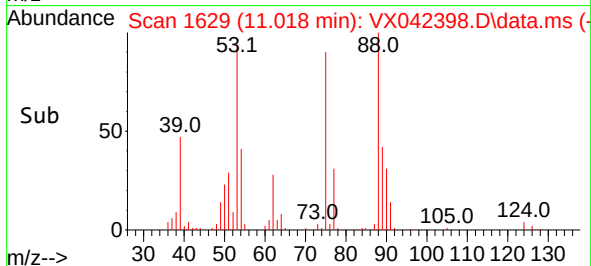
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 75 Resp: 1868
Ion Ratio Lower Upper
75 100
53 104.3 53.4 160.2
89 46.7 22.5 67.5

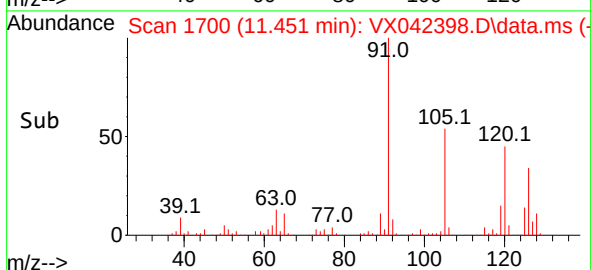
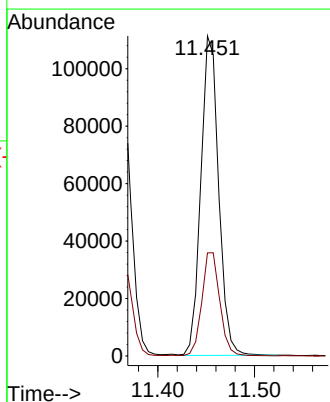
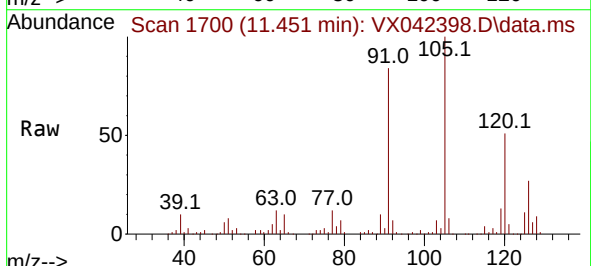
Manual Integrations
APPROVED

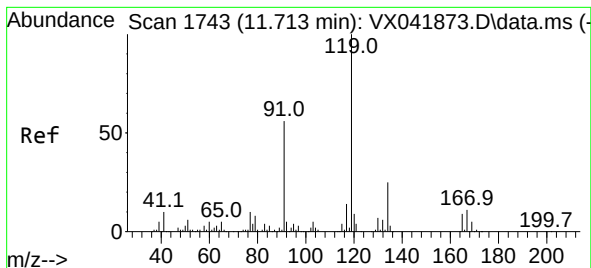
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#78
4-Chlorotoluene
Concen: 19.525 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

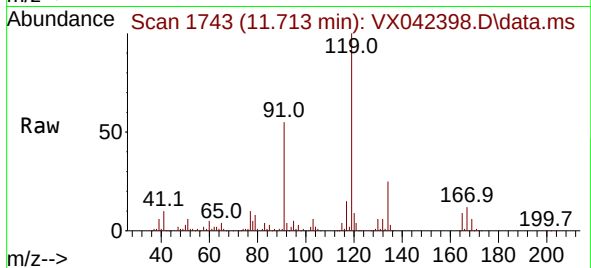
Tgt Ion: 91 Resp: 142756
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.8





#79
tert-butylbenzene
Concen: 19.868 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

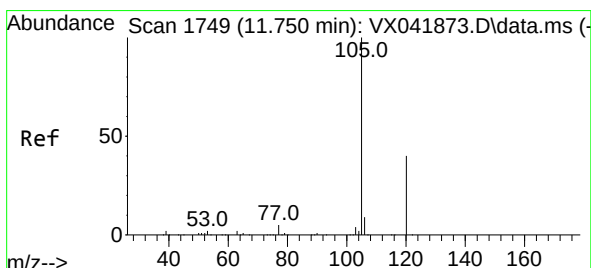
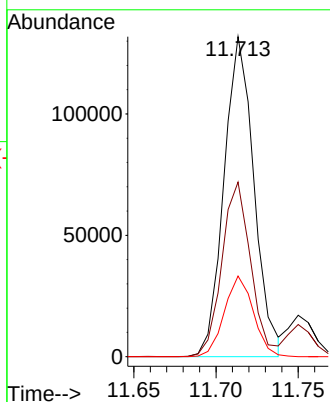
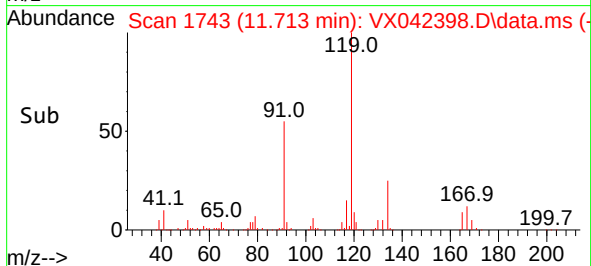
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



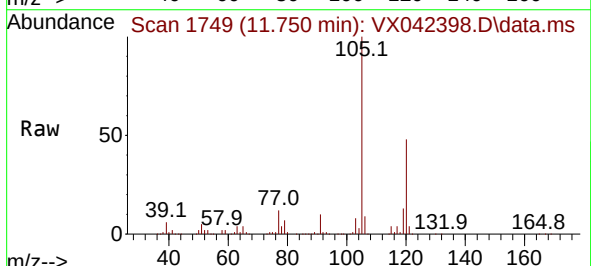
Tgt Ion:119 Resp: 167398
Ion Ratio Lower Upper
119 100
91 52.6 0.0 106.0
134 24.4 0.0 49.4

Manual Integrations
APPROVED

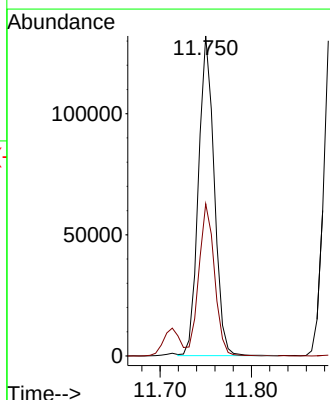
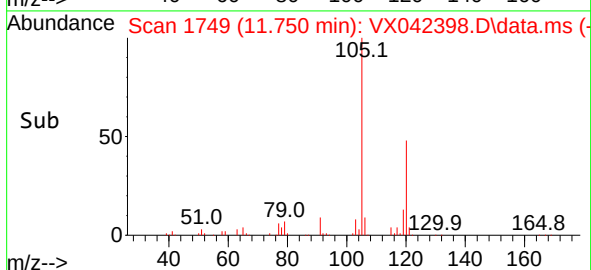
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

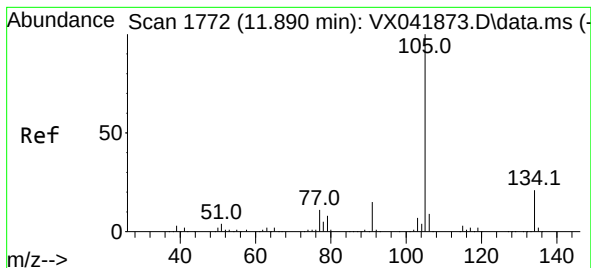


#80
1,2,4-Trimethylbenzene
Concen: 19.790 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



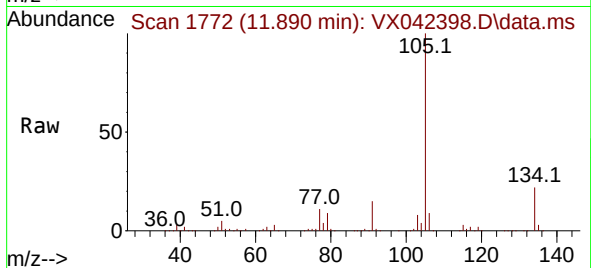
Tgt Ion:105 Resp: 157165
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.2





#81
sec-Butylbenzene
Concen: 19.457 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

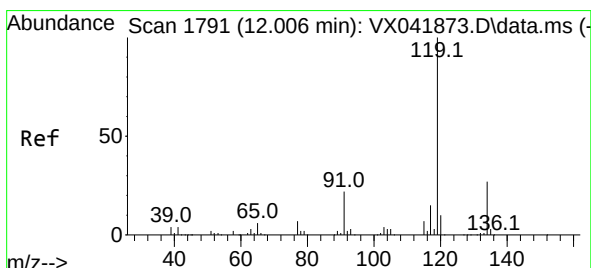
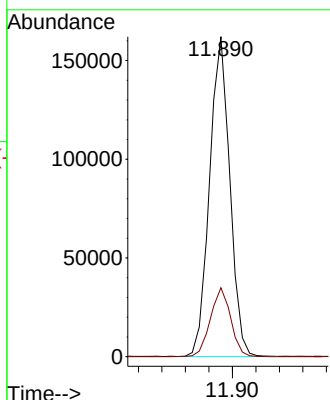
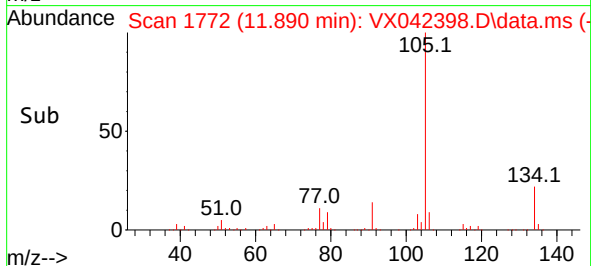
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



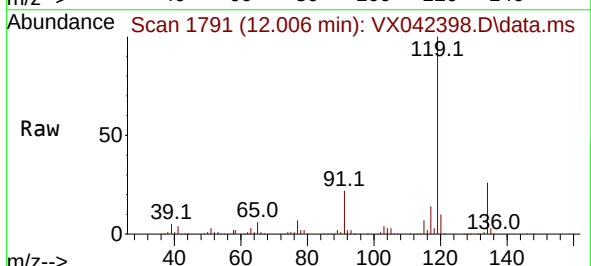
Tgt Ion:105 Resp: 193702
Ion Ratio Lower Upper
105 100
134 21.6 0.0 43.2

Manual Integrations
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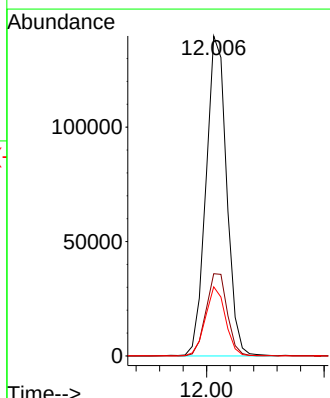
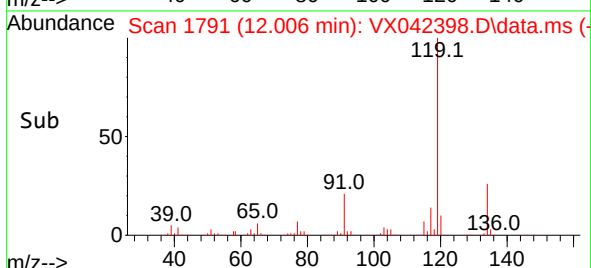
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

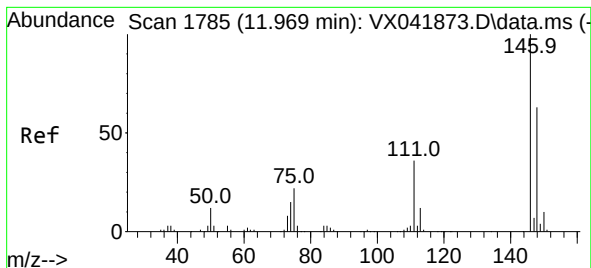


#82
p-Isopropyltoluene
Concen: 19.762 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



Tgt Ion:119 Resp: 170490
Ion Ratio Lower Upper
119 100
134 26.5 0.0 54.0
91 21.0 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 19.536 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0719WBSD01

Tgt Ion:146 Resp: 9473

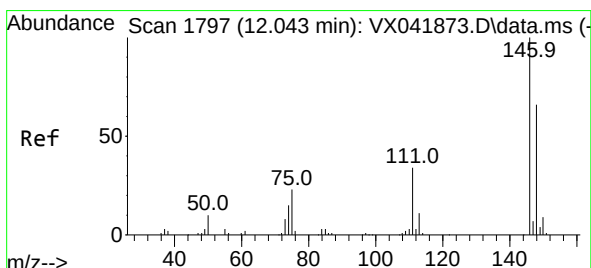
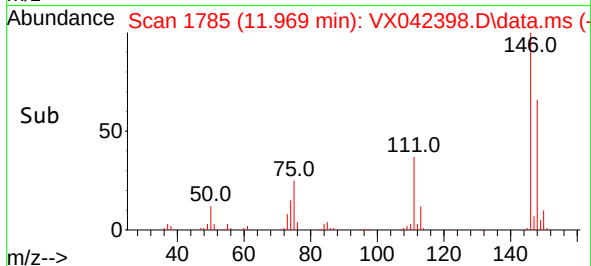
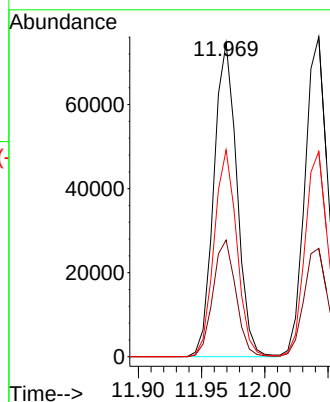
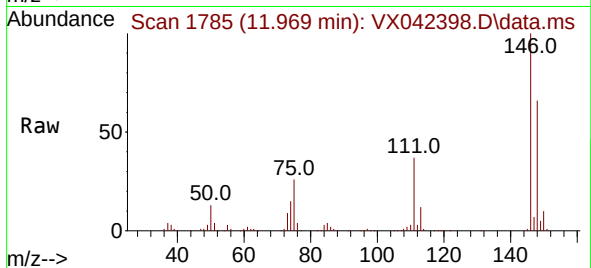
Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.0	54.0
148	64.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#84

1,4-Dichlorobenzene

Concen: 19.939 ug/l

RT: 12.043 min Scan# 1797

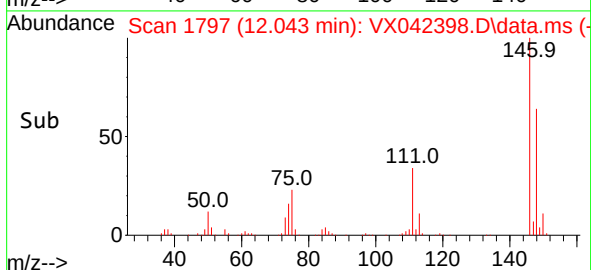
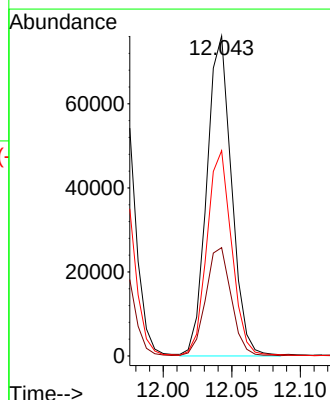
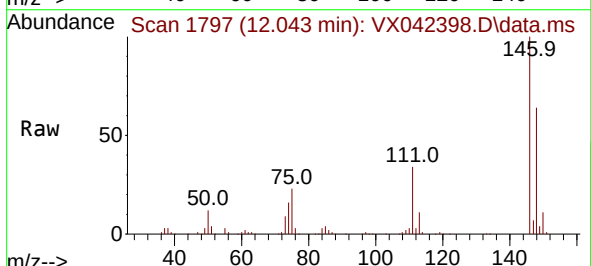
Delta R.T. 0.000 min

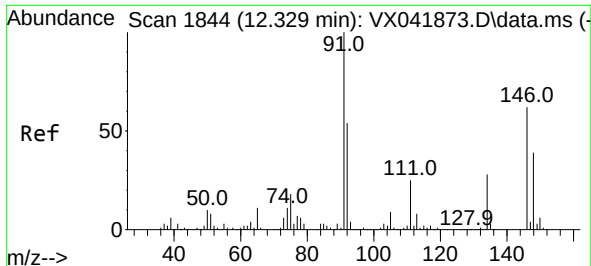
Lab File: VX042398.D

Acq: 19 Jul 2024 12:47

Tgt Ion:146 Resp: 96043

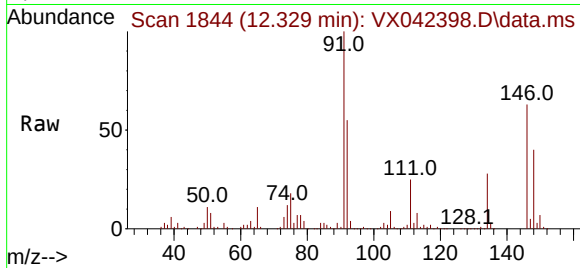
Ion	Ratio	Lower	Upper
146	100		
111	35.0	17.4	52.3
148	64.0	32.3	96.9





#85
n-Butylbenzene
Concen: 19.140 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

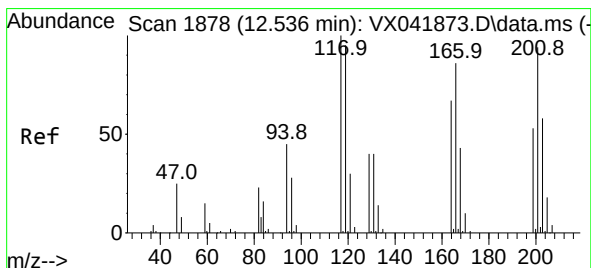
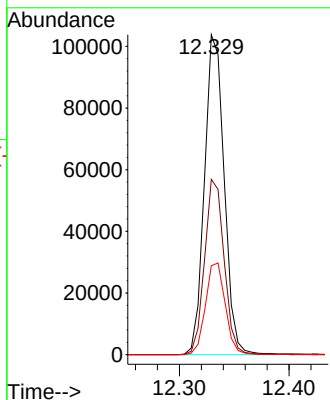
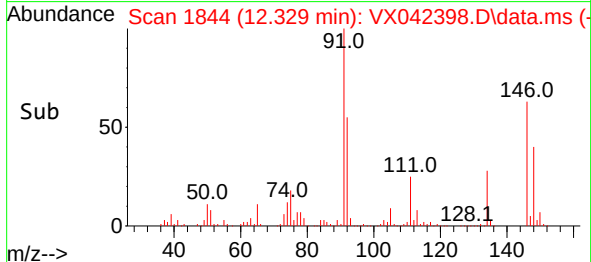
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion: 91 Resp: 129685
Ion Ratio Lower Upper
91 100
92 54.4 0.0 109.8
134 28.7 0.0 58.4

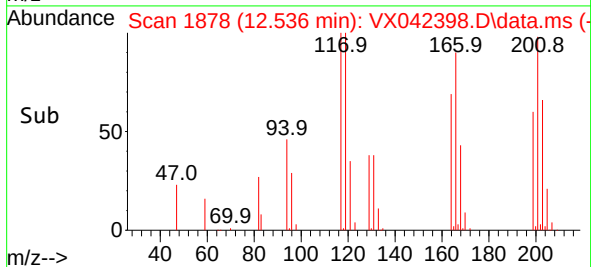
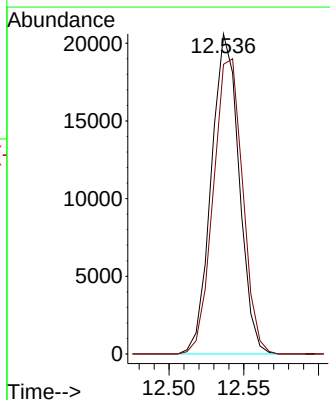
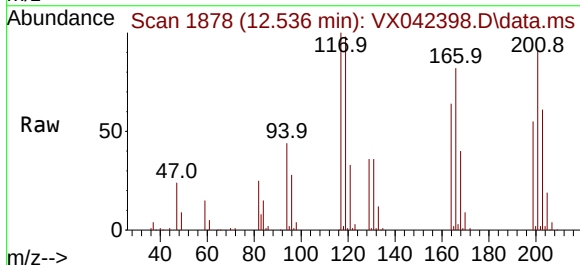
Manual Integrations
APPROVED

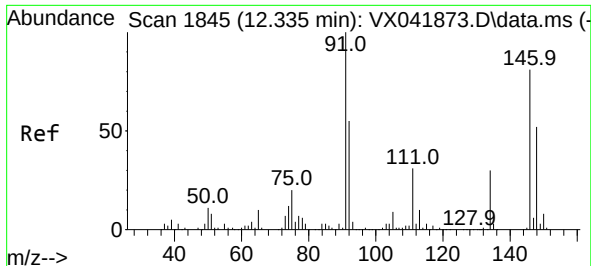
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#86
Hexachloroethane
Concen: 18.180 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

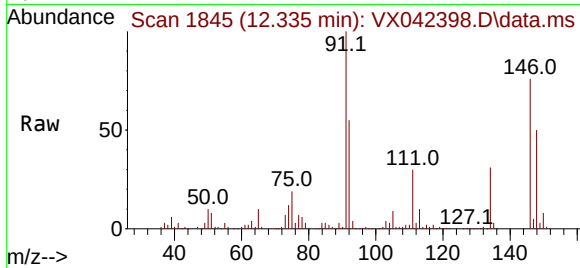
Tgt Ion:117 Resp: 26670
Ion Ratio Lower Upper
117 100
201 97.1 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 19.691 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

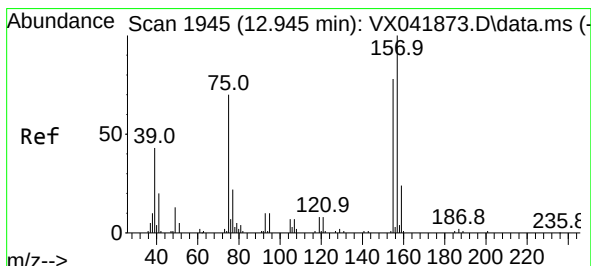
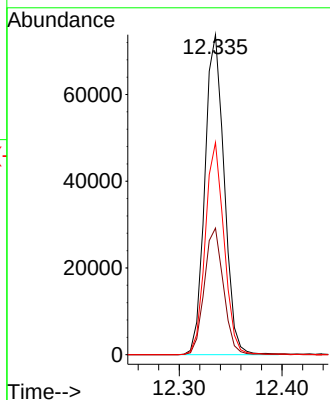
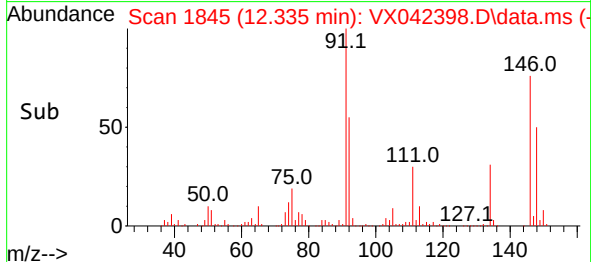
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



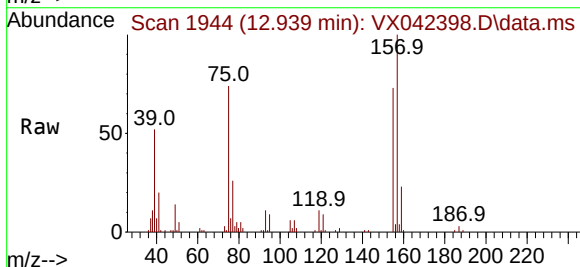
Tgt Ion:146 Resp: 9651
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.3
148 64.4 32.4 97.0

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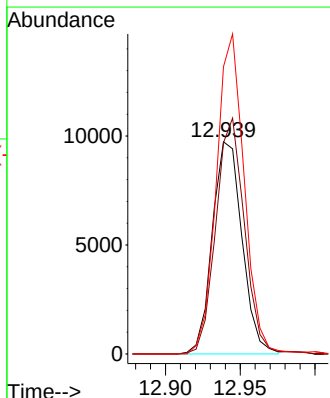
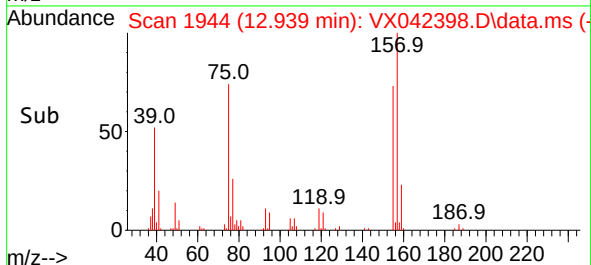
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

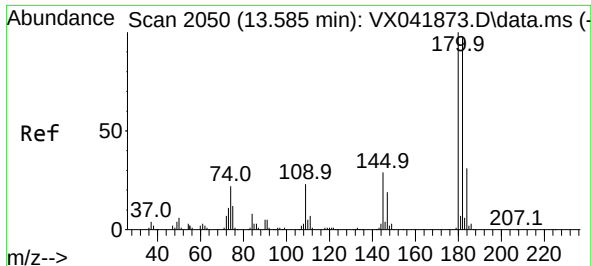


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.239 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



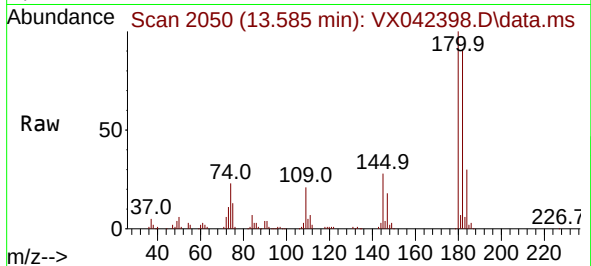
Tgt Ion: 75 Resp: 13479
Ion Ratio Lower Upper
75 100
155 106.2 88.6 133.0
157 141.0 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 19.488 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

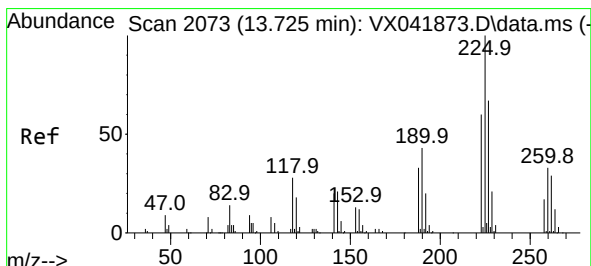
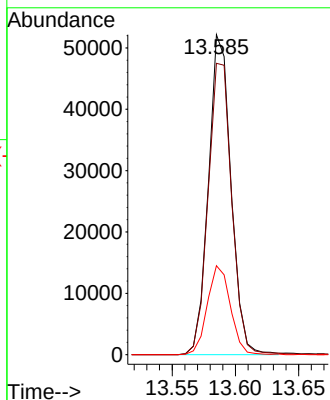
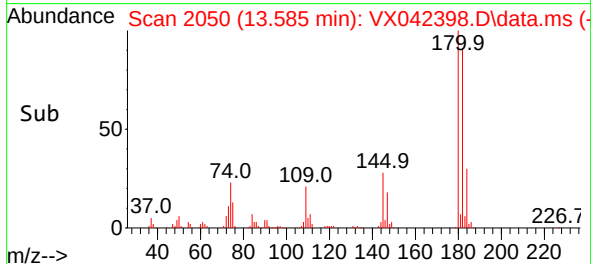
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



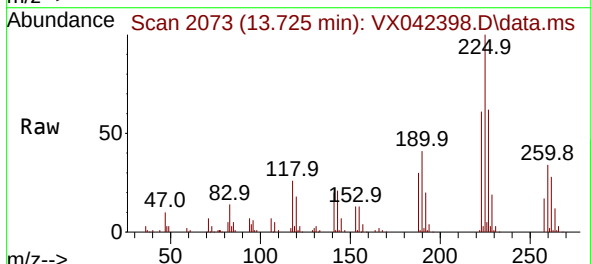
Tgt Ion:180 Resp: 64668
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 28.4 22.8 34.2

Manual Integrations
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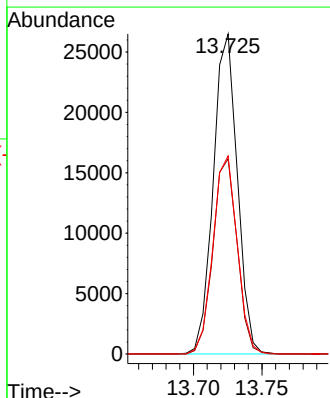
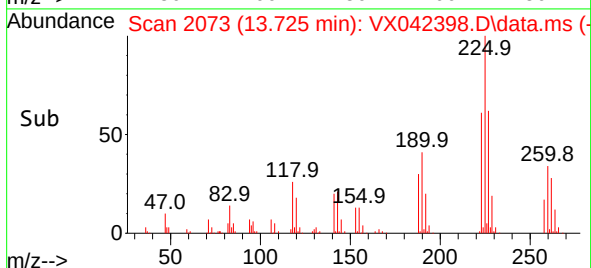
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

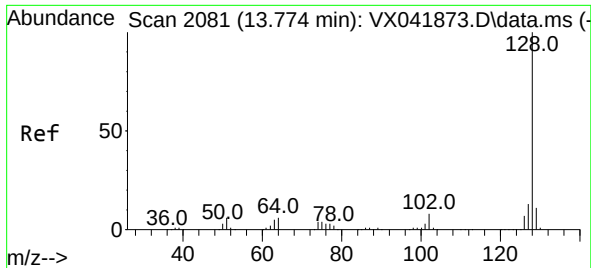


#90
Hexachlorobutadiene
Concen: 19.637 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47



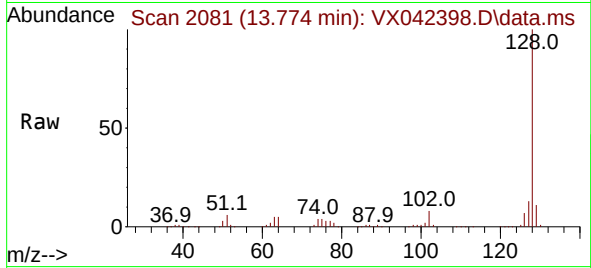
Tgt Ion:225 Resp: 32338
Ion Ratio Lower Upper
225 100
223 61.2 0.0 120.8
227 62.4 0.0 126.6





#91
Naphthalene
Concen: 20.780 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

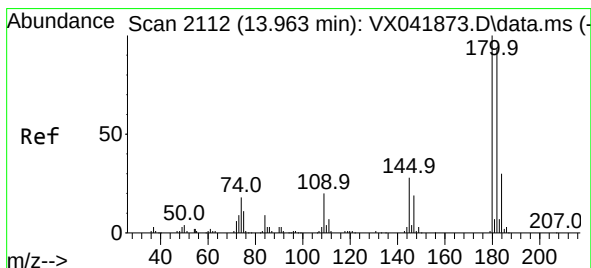
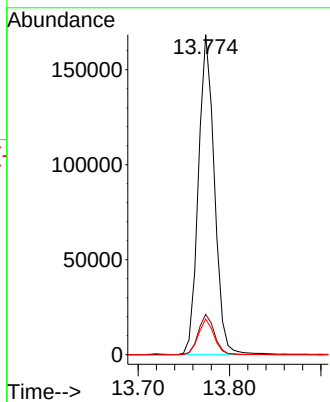
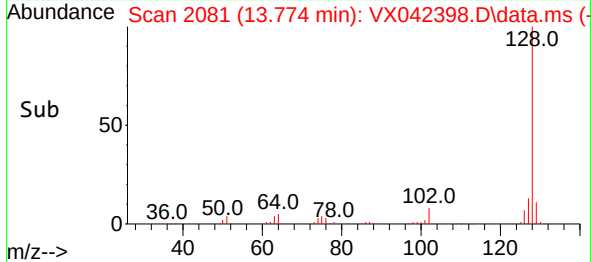
Instrument :
MSVOA_X
ClientSampleId :
VX0719WBSD01



Tgt Ion:128 Resp: 205629
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.994 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042398.D
Acq: 19 Jul 2024 12:47

Tgt Ion:180 Resp: 68339
Ion Ratio Lower Upper
180 100
182 94.5 0.0 187.8
145 29.3 0.0 58.4

