

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041898.D
 Acq On : 14 Jun 2024 23:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

Quant Time: Jun 15 04:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	30688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	169279	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	160360	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62208	29.447	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.167%	
60) 4-Bromofluorobenzene	11.079	95	75434	30.389	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.300%	
63) Toluene-d8	8.647	98	208799	30.434	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36494	18.371	ug/l	98
3) Chloromethane	1.300	50	42104	18.961	ug/l	98
4) Vinyl Chloride	1.374	62	41497	19.109	ug/l	100
5) Bromomethane	1.599	94	21243	18.300	ug/l	100
6) Chloroethane	1.666	64	19987	21.542	ug/l	96
7) Trichlorofluoromethane	1.867	101	55319	20.227	ug/l	99
8) Diethyl Ether	2.136	74	22478	18.992	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	33421	17.976	ug/l	99
10) 1,1-Dichloroethene	2.306	96	34648	18.474	ug/l	98
11) Methyl Iodide	2.447	142	46649	19.111	ug/l	99
12) Methyl Acetate	2.709	43	45160	18.887	ug/l	97
13) Acrolein	2.239	56	38712	80.293	ug/l	100
14) Acrylonitrile	3.068	53	107733	94.927	ug/l	97
15) Acetone	2.392	58	28597	88.084	ug/l	98
16) Carbon Disulfide	2.501	76	75009	18.250	ug/l	100
17) Allyl chloride	2.660	41	54408	19.102	ug/l	98
18) Methylene Chloride	2.788	84	41426	19.257	ug/l	94
19) trans-1,2-Dichloroethene	3.087	96	35595	18.946	ug/l	99
20) Diisopropyl ether	3.763	45	113717	19.423	ug/l	92
21) 1,1-Dichloroethane	3.605	63	64126	19.175	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	42223	18.566	ug/l	99
23) tert-Butyl Alcohol	2.995	59	42707	101.216	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	111540	19.226	ug/l	98
25) Chloroform	5.092	83	65629	19.310	ug/l	98
26) Cyclohexane	5.464	56	52570	18.098	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	42961	19.445	ug/l	98
30) 2-Butanone	4.568	43	145080	98.276	ug/l	99
31) 2,2-Dichloropropane	4.477	77	32505	13.427	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	54760	19.553	ug/l	99
33) Carbon Tetrachloride	5.672	117	46238	19.143	ug/l	99
34) Benzene	6.037	78	147930	20.099	ug/l	99
35) Methacrylonitrile	4.928	41	29665	20.006	ug/l	98
36) 1,2-Dichloroethane	6.086	62	46259	20.175	ug/l	99
37) Trichloroethene	7.123	130	38627	19.214	ug/l	99
38) Methylcyclohexane	7.379	83	52591	17.971	ug/l	99
39) 1,2-Dichloropropane	7.427	63	35287	20.127	ug/l	100
40) Dibromomethane	7.580	93	25701	19.817	ug/l	99
41) Bromodichloromethane	7.824	83	45827	19.724	ug/l	98
42) Vinyl Acetate	3.727	43	490221	99.208	ug/l	99

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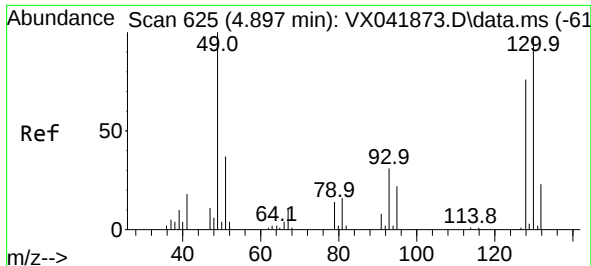
Manual Integrations
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Quant Time: Jun 15 04:19:11 2024
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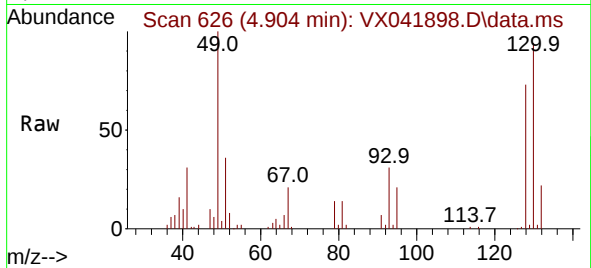
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	55148	19.924	ug/l	99
44) Isopropyl Acetate	6.342	43	81070	19.555	ug/l	99
45) 1,4-Dioxane	7.665	88	20151m	398.753	ug/l	
46) Methyl methacrylate	7.696	41	38546	19.016	ug/l	99
47) n-amyl Acetate	10.841	43	72327	19.439	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	41472	17.336	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	48969	18.249	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	37852	20.072	ug/l	98
51) Ethyl methacrylate	9.116	69	58332	19.472	ug/l	99
52) 1,3-Dichloropropane	9.311	76	61957	20.097	ug/l	99
53) Dibromochloromethane	9.519	129	40480	19.615	ug/l	99
54) 1,2-Dibromoethane	9.610	107	40057	20.143	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	134807	96.678	ug/l	99
56) Bromoform	10.799	173	31518	18.730	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	290106	100.958	ug/l	99
59) 2-Hexanone	9.433	43	222851	100.479	ug/l	100
61) Tetrachloroethene	9.275	164	38972	19.314	ug/l	97
62) Toluene	8.720	91	159517	19.658	ug/l	100
64) Chlorobenzene	10.079	112	107925	19.531	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	37343	19.567	ug/l	98
66) Ethyl Benzene	10.195	91	173249	19.528	ug/l	98
67) m/p-Xylenes	10.299	106	138858	38.912	ug/l	100
68) o-Xylene	10.640	106	70133	19.712	ug/l	98
69) Styrene	10.659	104	118300	19.898	ug/l	99
70) Isopropylbenzene	10.963	105	177087	19.796	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	62536	20.200	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47618m	18.990	ug/l	
73) Bromobenzene	11.201	156	50834	19.482	ug/l	100
74) n-propylbenzene	11.305	91	190297	19.365	ug/l	100
75) 2-Chlorotoluene	11.366	91	122905	19.696	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	147083	19.626	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	14154	15.258	ug/l	99
78) 4-Chlorotoluene	11.457	91	134173	19.356	ug/l	100
79) tert-butylbenzene	11.713	119	156042	19.615	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	146509	19.568	ug/l	100
81) sec-Butylbenzene	11.890	105	180145	19.415	ug/l	99
82) p-Isopropyltoluene	12.006	119	155005	19.064	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	90333	19.416	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	88976	19.213	ug/l	99
85) n-Butylbenzene	12.335	91	112535	17.898	ug/l	99
86) Hexachloroethane	12.536	117	25034	18.853	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	92282	19.613	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11853	18.510	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	57362	18.010	ug/l	98
90) Hexachlorobutadiene	13.725	225	28779	18.337	ug/l	99
91) Naphthalene	13.774	128	182428	18.956	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	62013	18.800	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

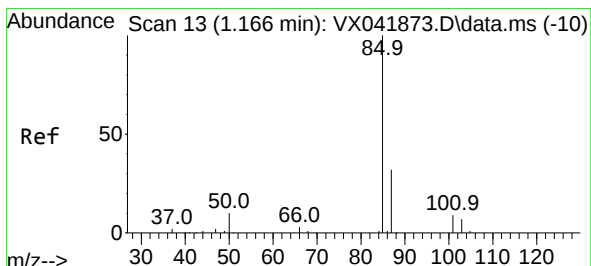
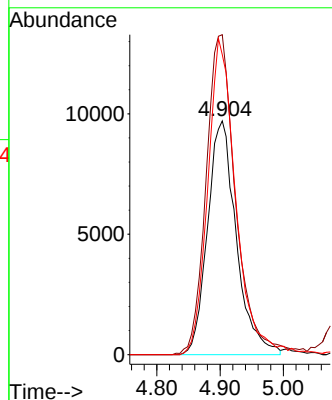
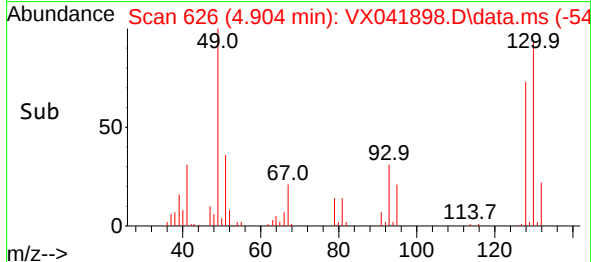
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 3068
Ion Ratio Lower Upper
128 100
49 141.4 0.0 338.5
130 130.1 0.0 324.5

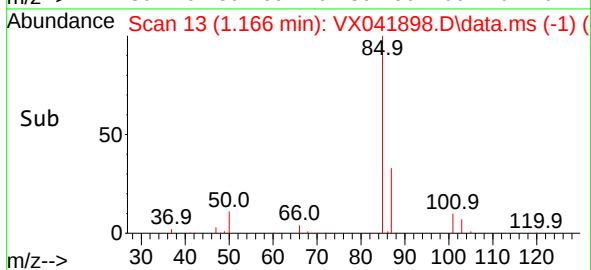
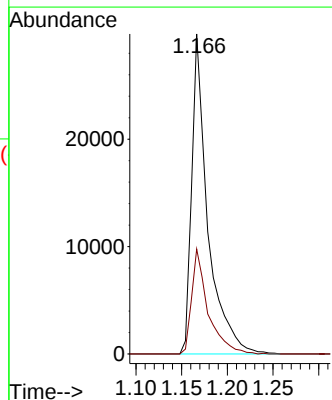
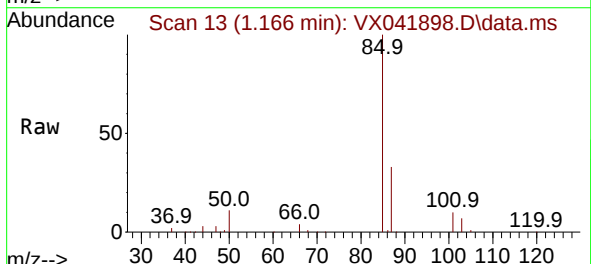
Manual Integrations
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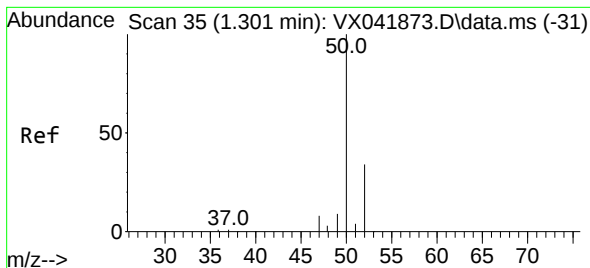
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#2
Dichlorodifluoromethane
Concen: 18.371 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 85 Resp: 36494
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





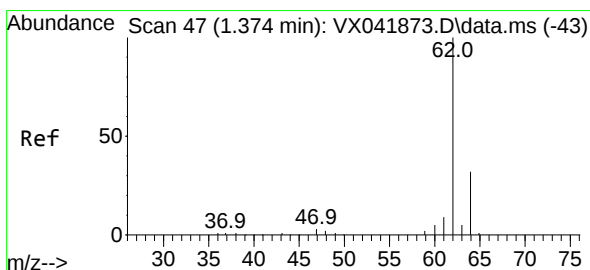
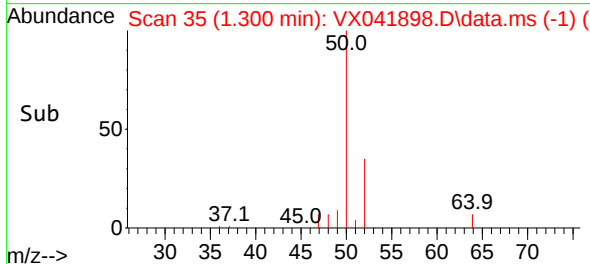
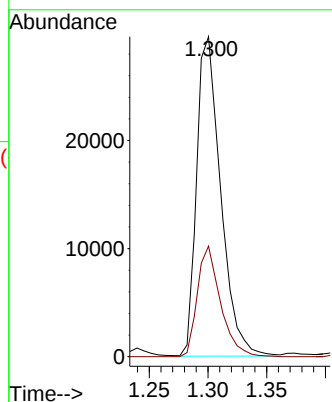
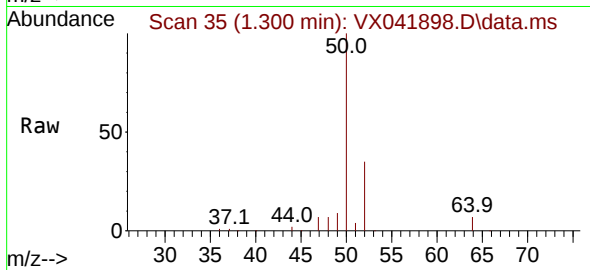
#3
Chloromethane
Concen: 18.961 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 42104
Ion Ratio Lower Upper
50 100
52 34.6 26.9 40.3

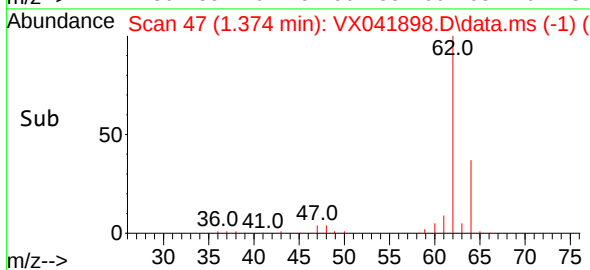
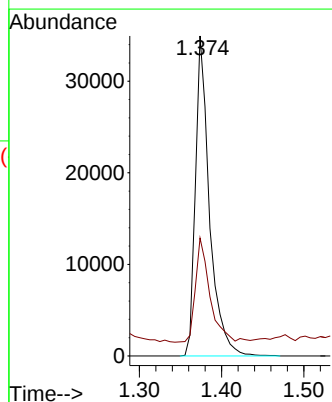
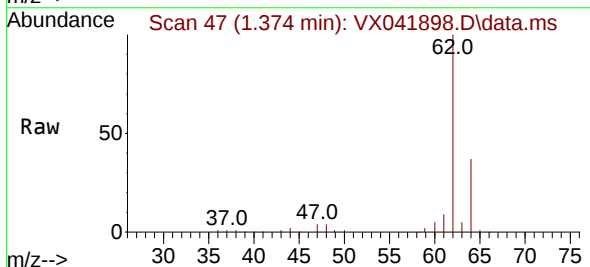
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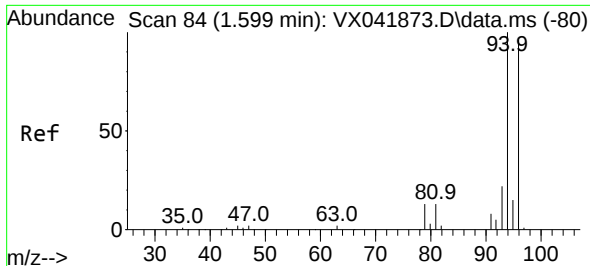
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#4
Vinyl Chloride
Concen: 19.109 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

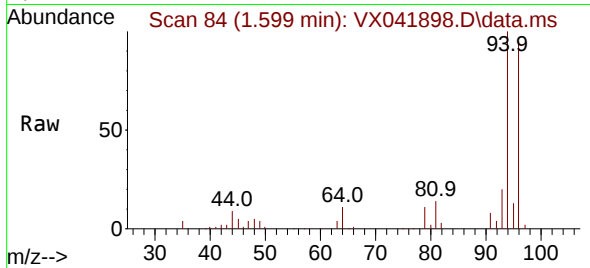
Tgt Ion: 62 Resp: 41497
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1





#5
Bromomethane
Concen: 18.300 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

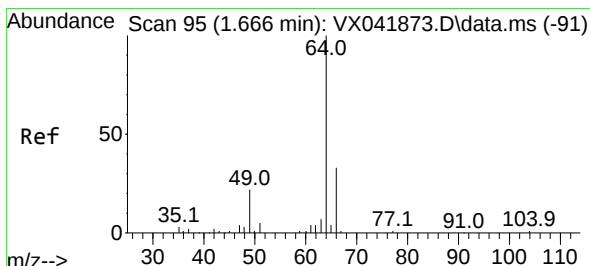
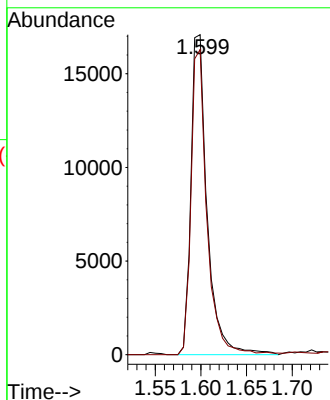
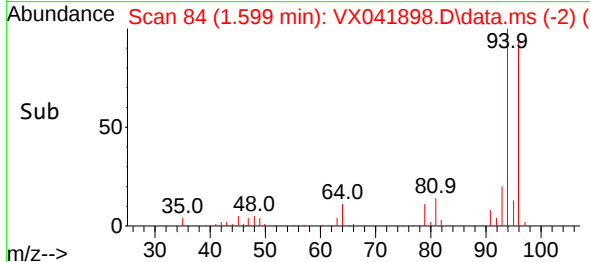
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 2124
Ion Ratio Lower Upper
94 100
96 95.3 76.6 115.0

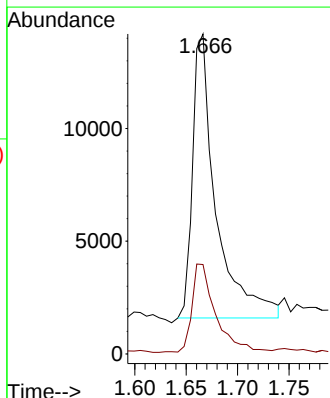
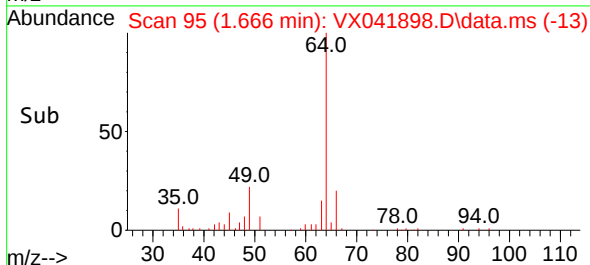
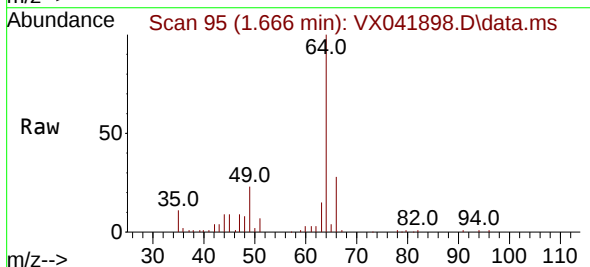
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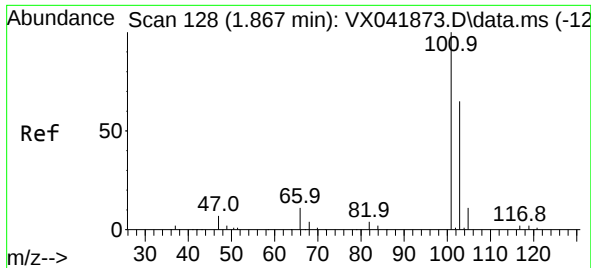
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#6
Chloroethane
Concen: 21.542 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX041898.D
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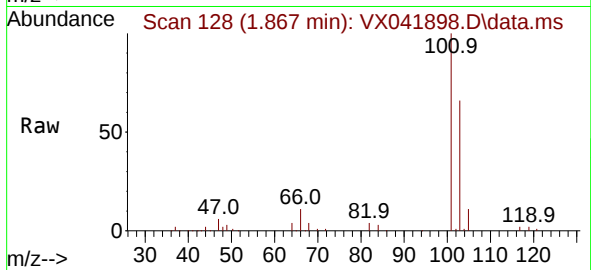
Tgt Ion: 64 Resp: 19987
Ion Ratio Lower Upper
64 100
66 30.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.227 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

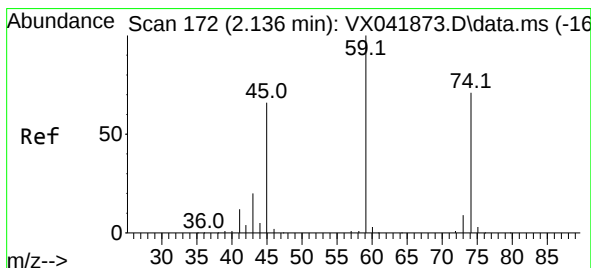
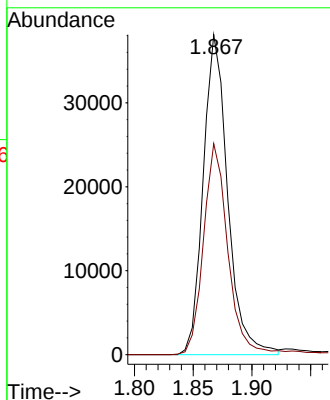
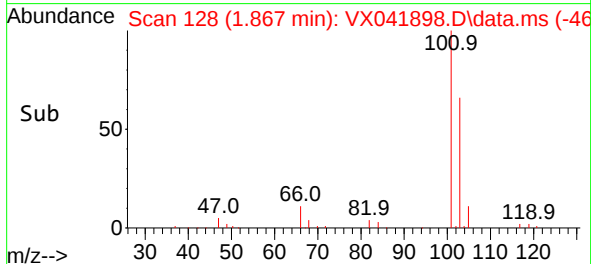
Instrument :
MSVOA_X
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VSTDCCC020EC



Tgt Ion:101 Resp: 55319
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

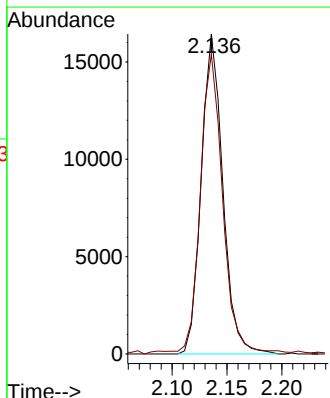
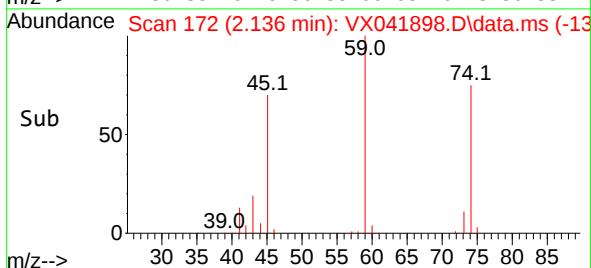
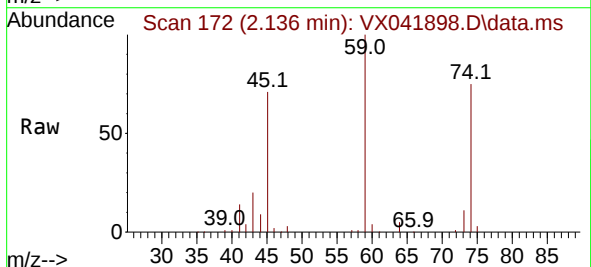
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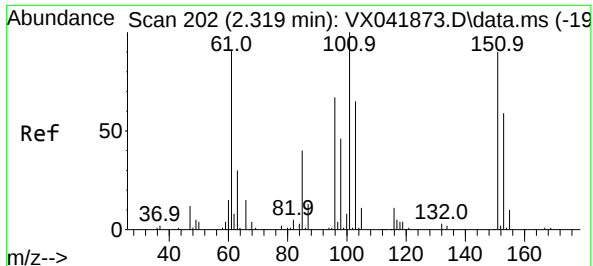
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#8
Diethyl Ether
Concen: 18.992 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 74 Resp: 22478
Ion Ratio Lower Upper
74 100
45 95.8 18.7 168.7





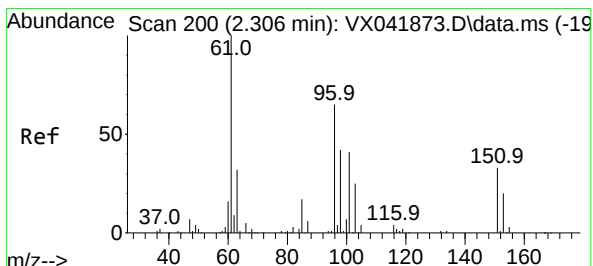
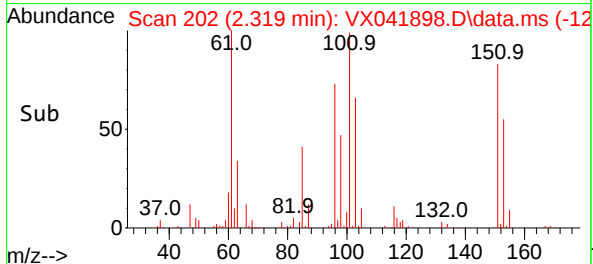
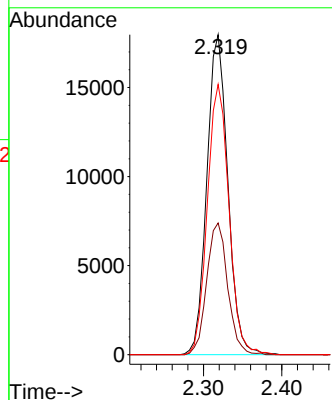
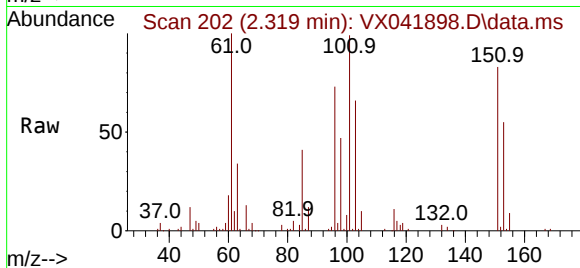
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.976 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3342
Ion Ratio Lower Upper
101 100
85 41.1 0.0 80.4
151 87.0 0.0 175.2

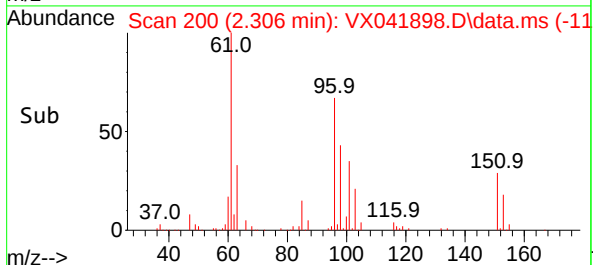
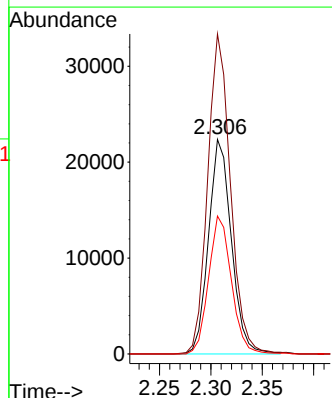
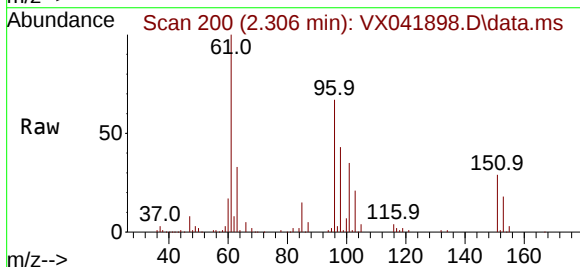
Manual Integrations
APPROVED

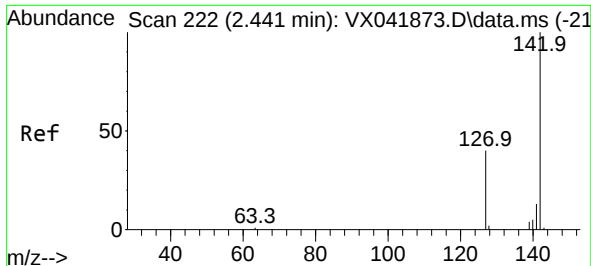
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#10
1,1-Dichloroethene
Concen: 18.474 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

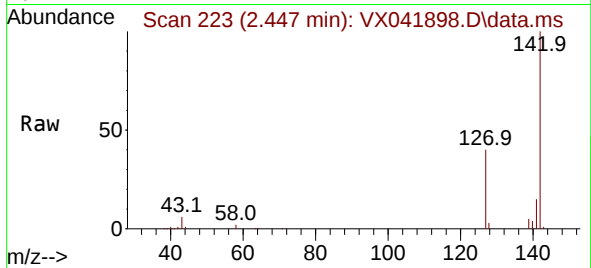
Tgt Ion: 96 Resp: 34648
Ion Ratio Lower Upper
96 100
61 148.9 122.3 183.5
98 64.3 51.5 77.3





#11
Methyl Iodide
Concen: 19.111 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

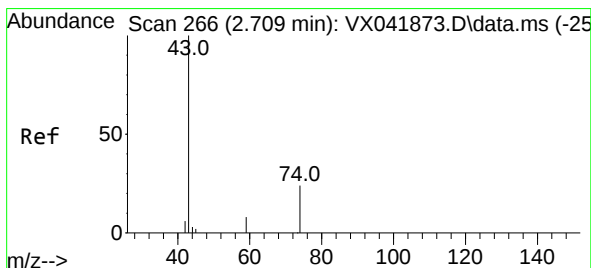
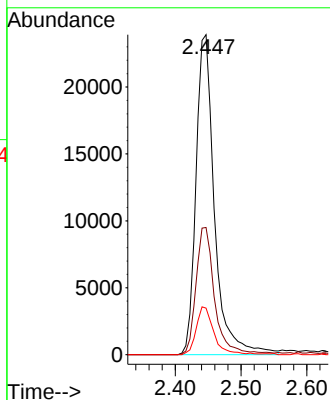
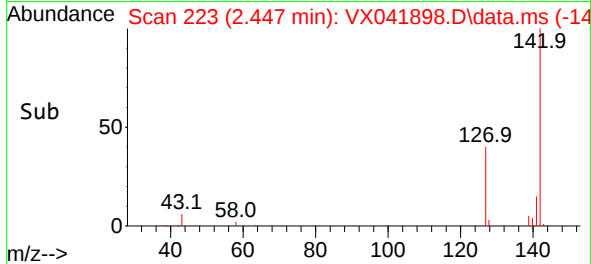
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 46649
Ion Ratio Lower Upper
142 100
127 39.6 19.8 59.3
141 14.6 6.7 20.1

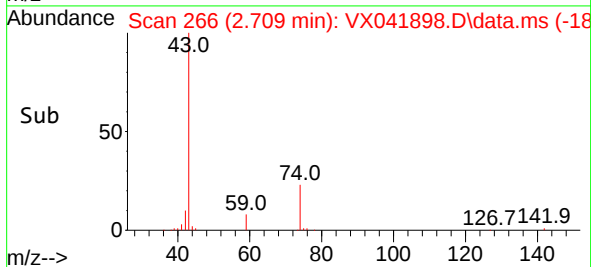
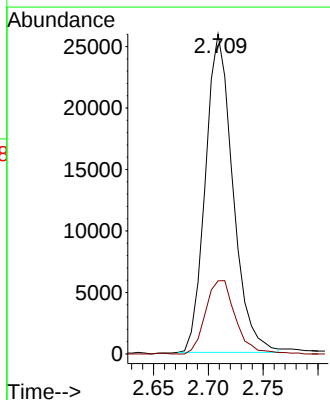
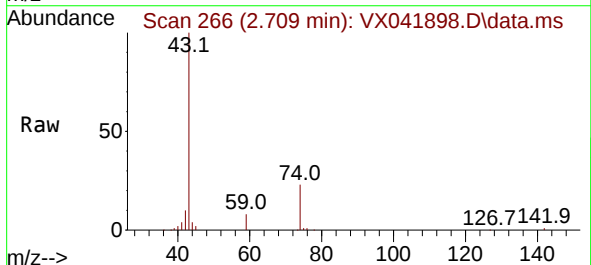
Manual Integrations
APPROVED

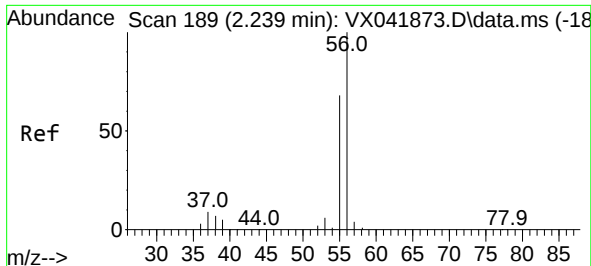
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#12
Methyl Acetate
Concen: 18.887 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

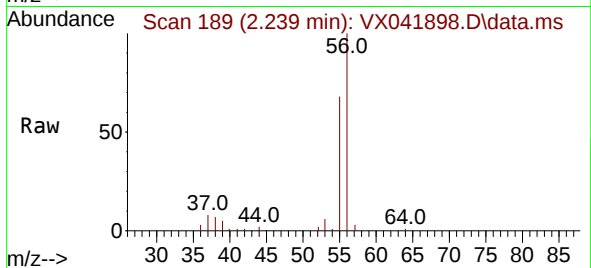
Tgt Ion: 43 Resp: 45160
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2





#13
Acrolein
Concen: 80.293 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

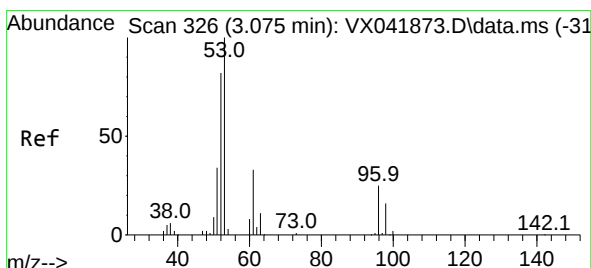
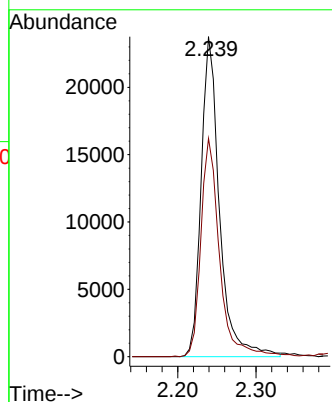
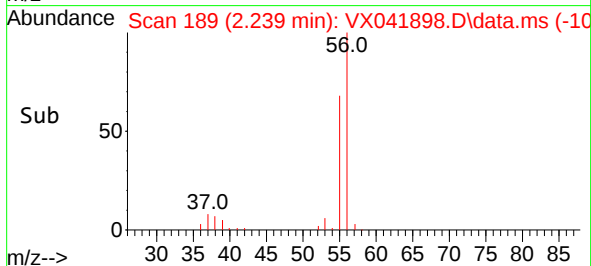
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



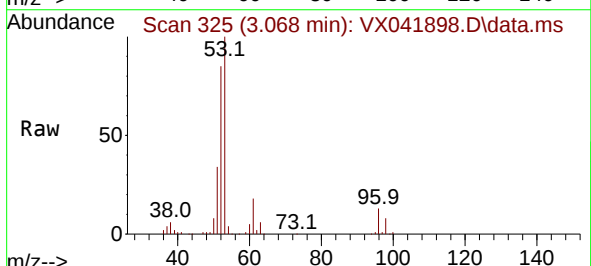
Tgt Ion: 56 Resp: 3871
Ion Ratio Lower Upper
56 100
55 69.5 55.4 83.0

Manual Integrations
APPROVED

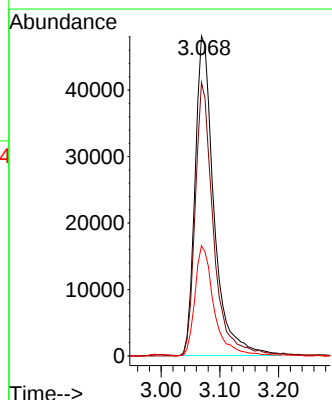
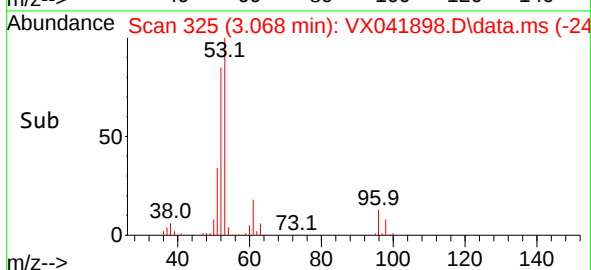
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

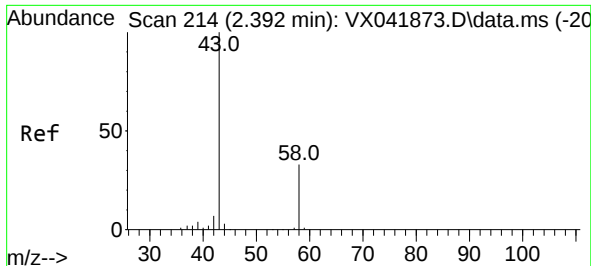


#14
Acrylonitrile
Concen: 94.927 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14



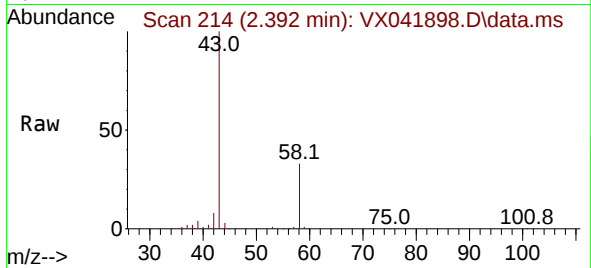
Tgt Ion: 53 Resp: 107733
Ion Ratio Lower Upper
53 100
52 82.8 39.9 119.7
51 34.0 17.4 52.3





#15
Acetone
Concen: 88.084 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

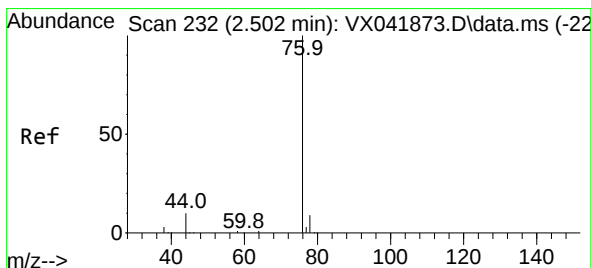
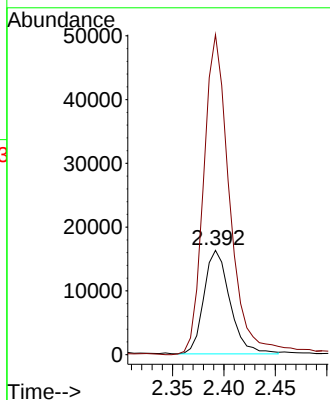
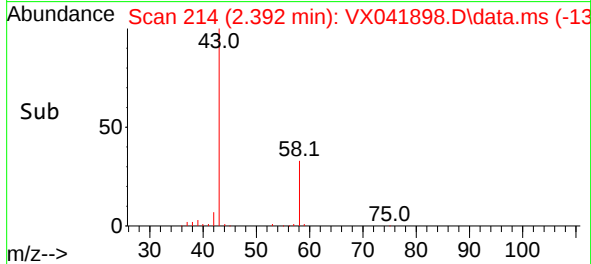
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 28597
Ion Ratio Lower Upper
58 100
43 308.2 243.4 365.2

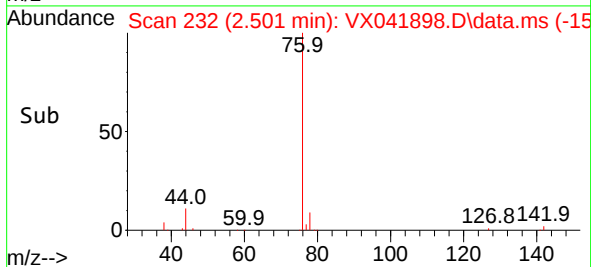
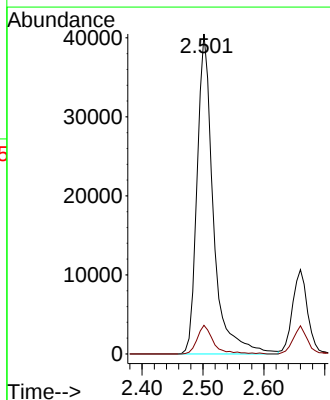
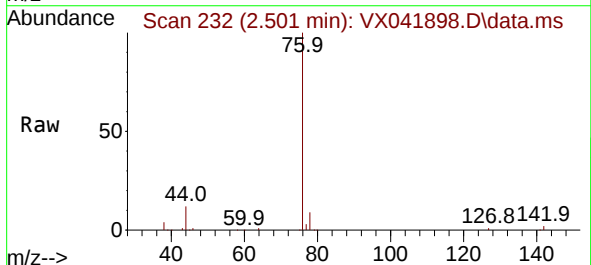
Manual Integrations
APPROVED

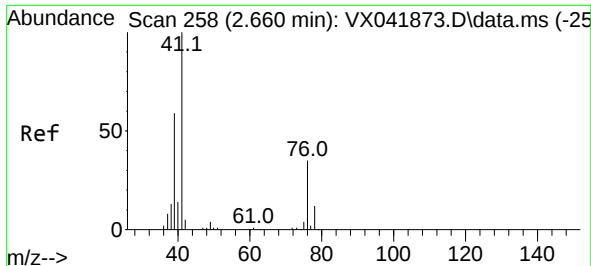
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#16
Carbon Disulfide
Concen: 18.250 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

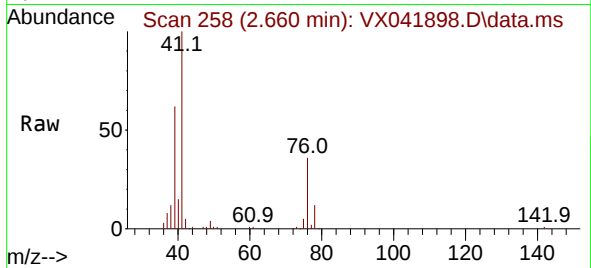
Tgt Ion: 76 Resp: 75009
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#17
 Allyl chloride
 Concen: 19.102 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX041898.D
 Acq: 14 Jun 2024 23:14

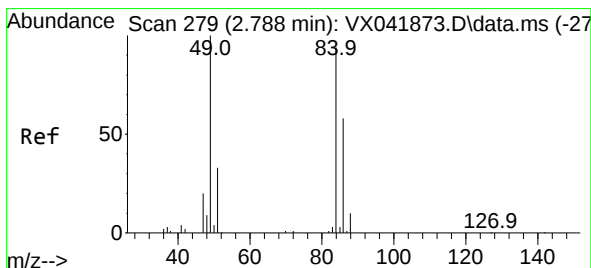
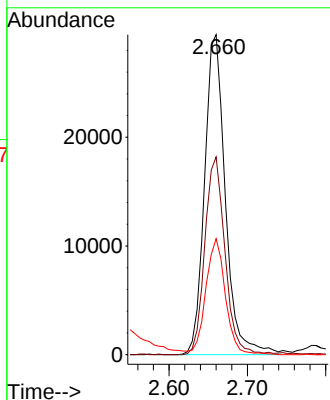
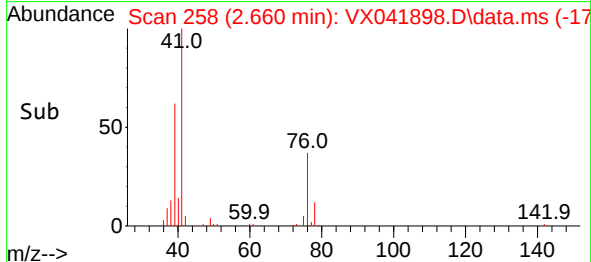
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 54408
 Ion Ratio Lower Upper
 41 100
 39 61.8 29.6 88.8
 76 36.3 18.1 54.4

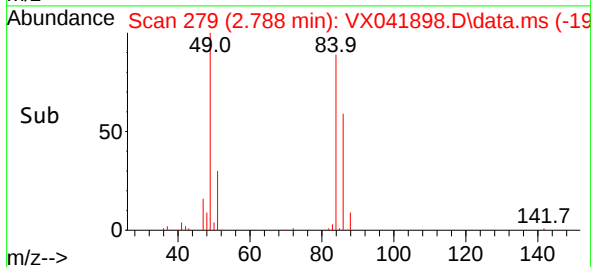
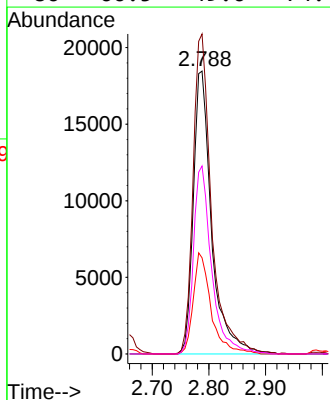
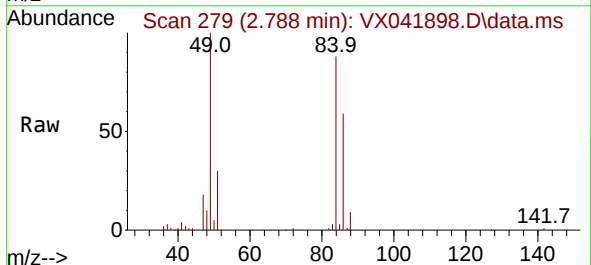
Manual Integrations
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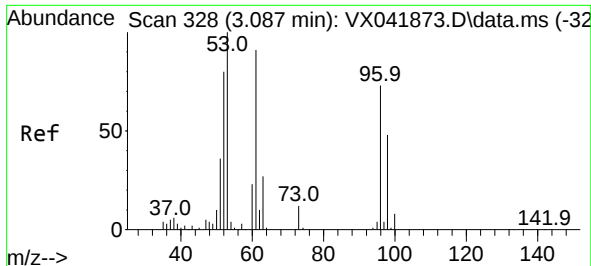
Reviewed By :John Carlone 06/17/2024
 Supervised By :Mahesh Dadoda 06/17/2024



#18
 Methylene Chloride
 Concen: 19.257 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX041898.D
 Acq: 14 Jun 2024 23:14

Tgt Ion: 84 Resp: 41426
 Ion Ratio Lower Upper
 84 100
 49 113.1 85.3 127.9
 51 34.0 28.5 42.7
 86 66.5 49.6 74.4





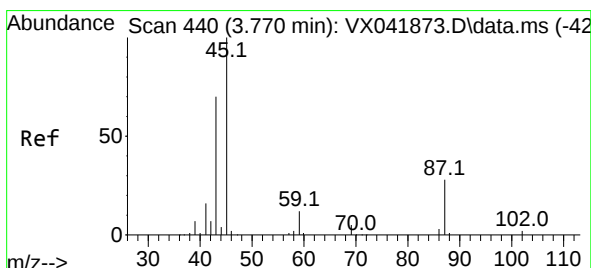
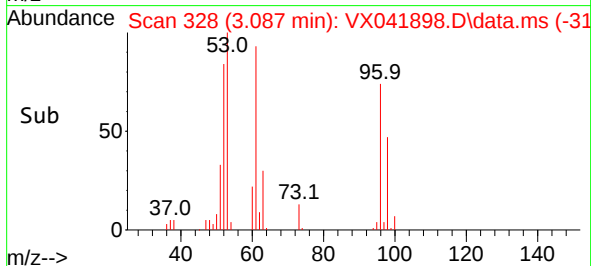
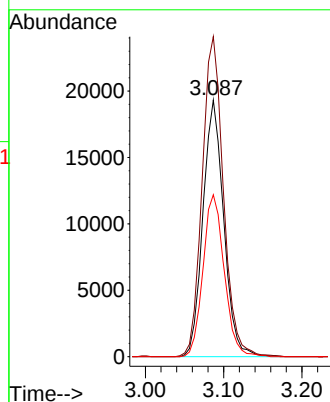
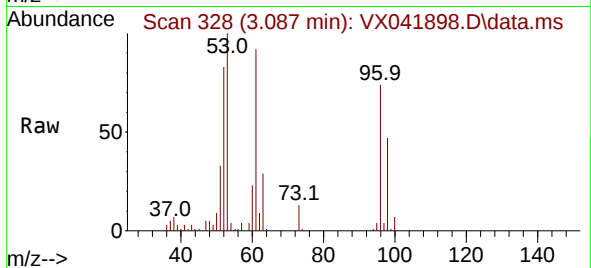
#19
trans-1,2-Dichloroethene
Concen: 18.946 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 3559
Ion Ratio Lower Upper
96 100
61 124.3 100.1 150.1
98 63.1 52.1 78.1

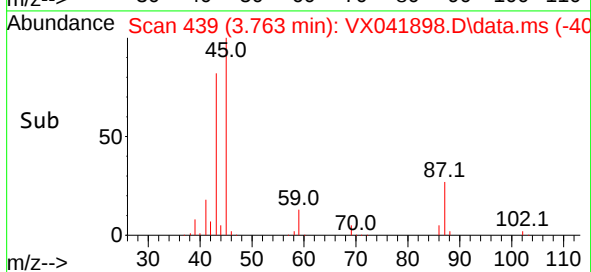
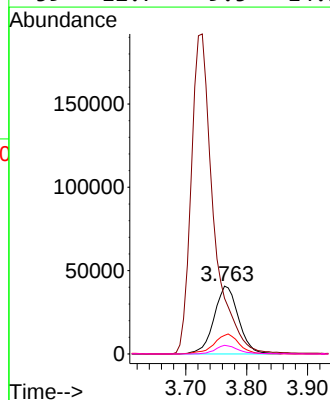
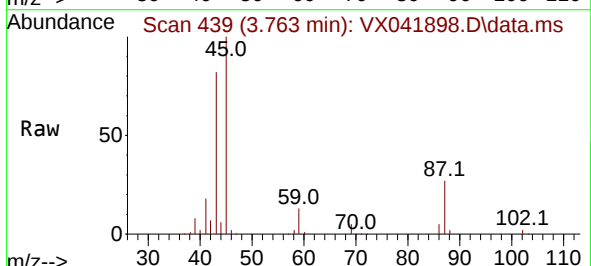
Manual Integrations
APPROVED

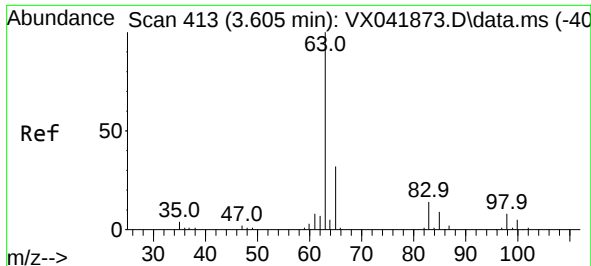
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#20
Diisopropyl ether
Concen: 19.423 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 45 Resp: 113717
Ion Ratio Lower Upper
45 100
43 79.9 55.8 83.8
87 27.4 22.6 34.0
59 12.7 9.5 14.3





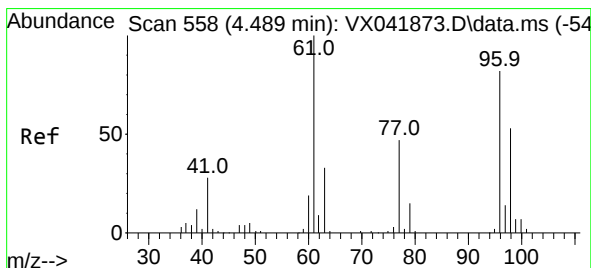
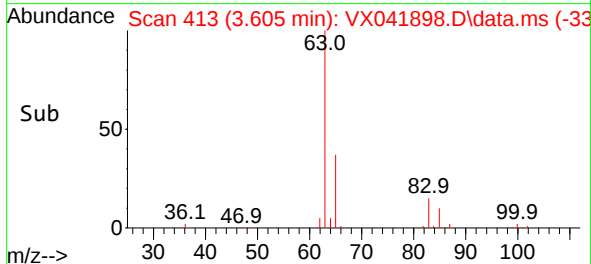
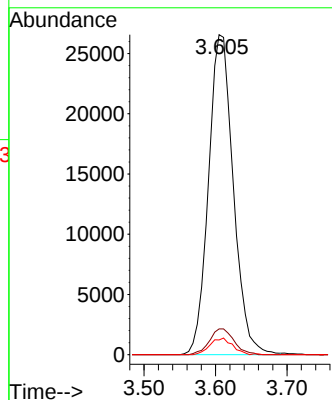
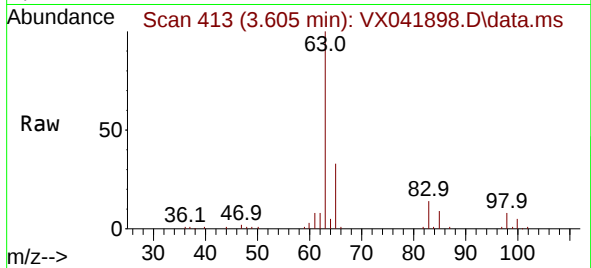
#21
1,1-Dichloroethane
Concen: 19.175 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 64120
Ion Ratio Lower Upper
63 100
98 8.1 4.2 12.4
100 4.6 2.5 7.4

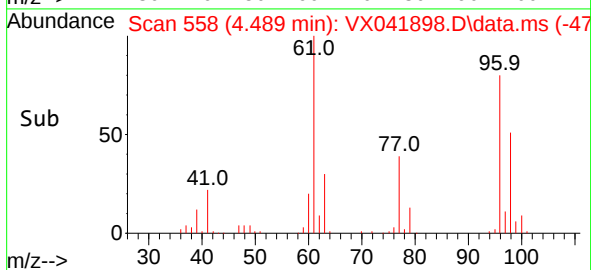
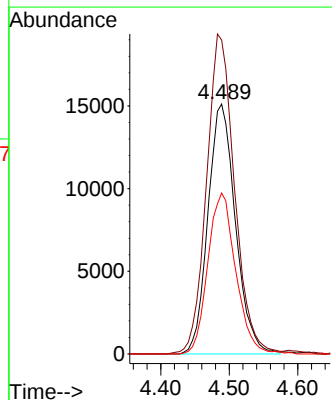
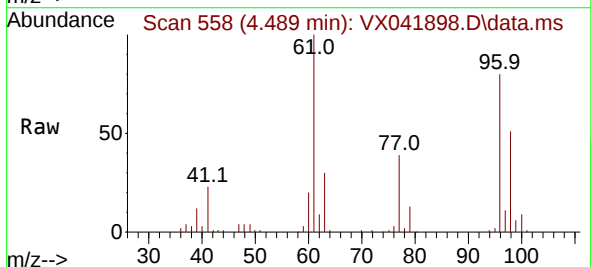
Manual Integrations
APPROVED

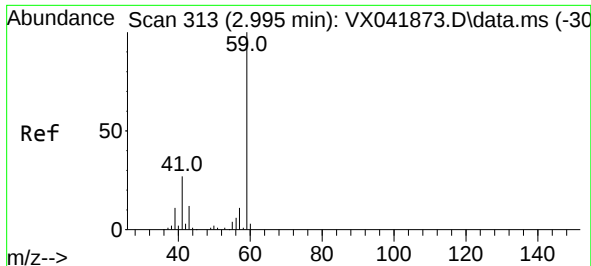
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#22
cis-1,2-Dichloroethene
Concen: 18.566 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

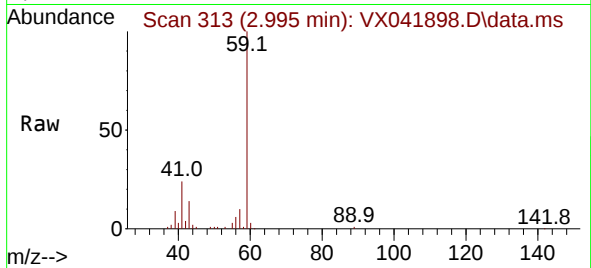
Tgt Ion: 96 Resp: 42223
Ion Ratio Lower Upper
96 100
61 129.9 103.3 154.9
98 64.8 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 101.216 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

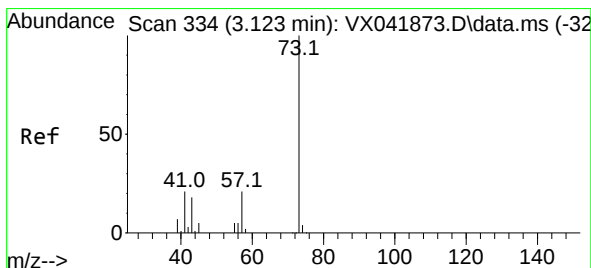
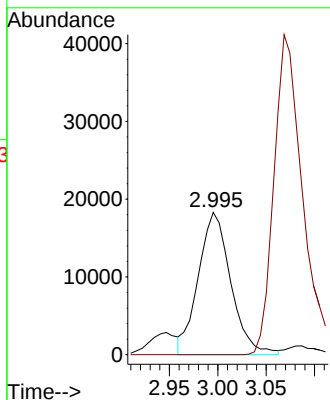
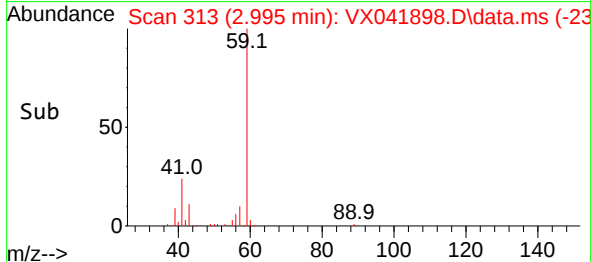
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 4270
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

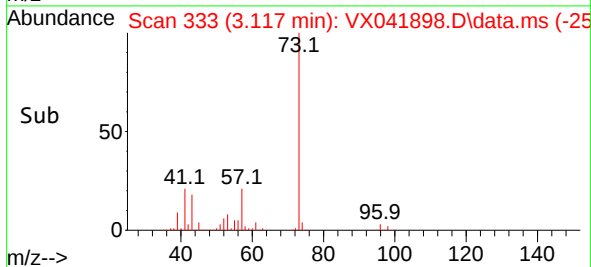
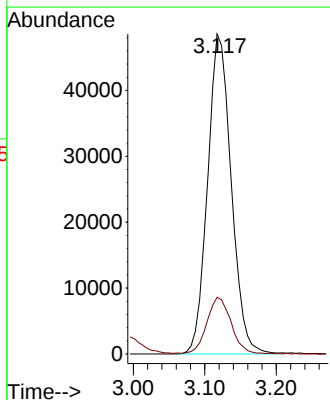
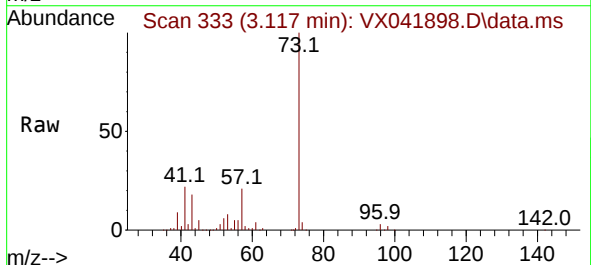
Manual Integrations
APPROVED

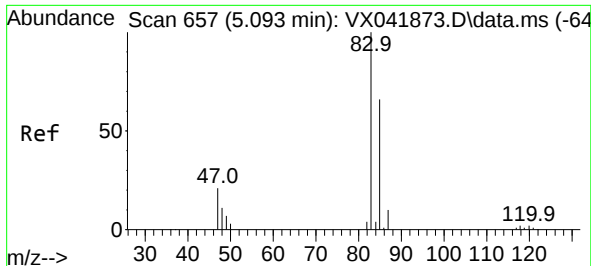
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#24
Methyl tert-Butyl Ether
Concen: 19.226 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

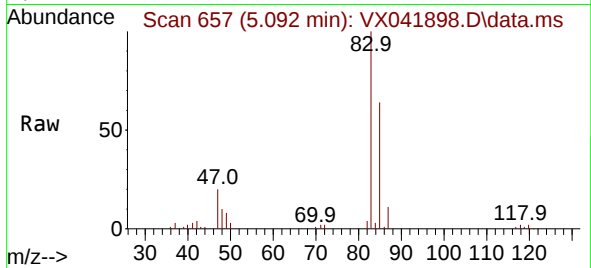
Tgt Ion: 73 Resp: 111540
Ion Ratio Lower Upper
73 100
43 18.1 15.1 22.7





#25
Chloroform
Concen: 19.310 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

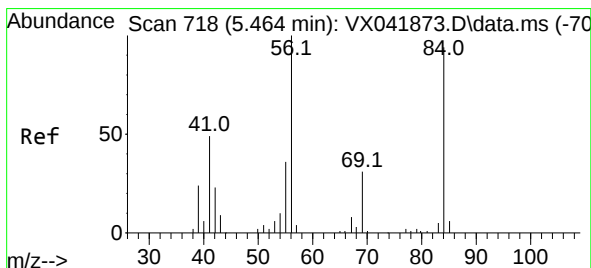
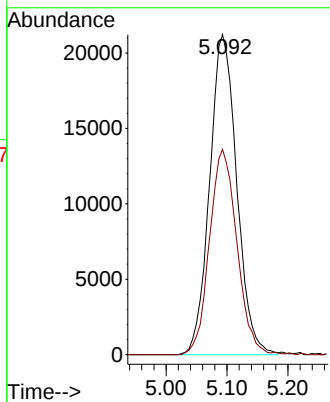
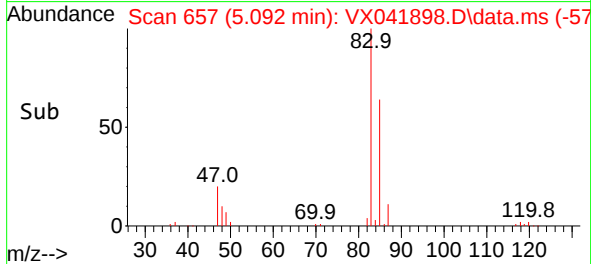
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 65629
Ion Ratio Lower Upper
83 100
85 64.1 52.7 79.1

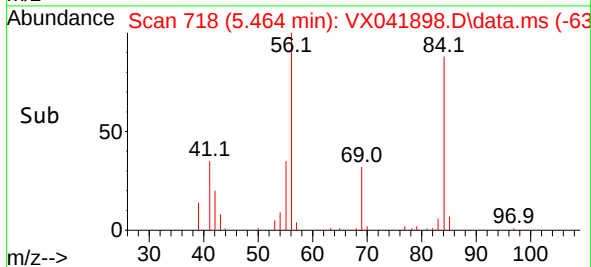
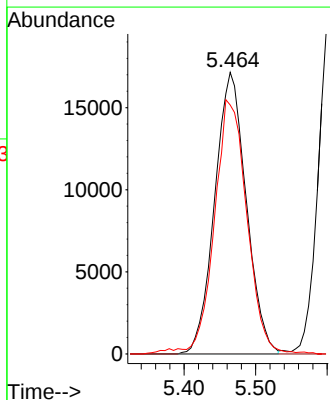
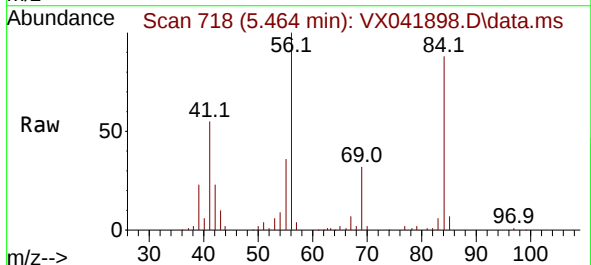
Manual Integrations
APPROVED

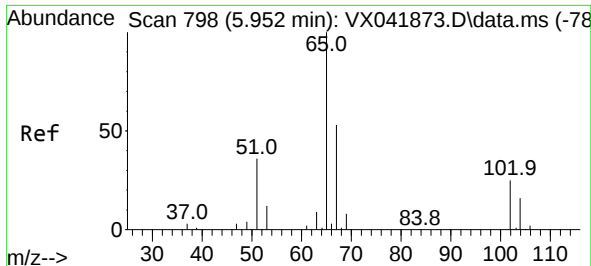
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#26
Cyclohexane
Concen: 18.098 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 56 Resp: 52570
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.7 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 29.447 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

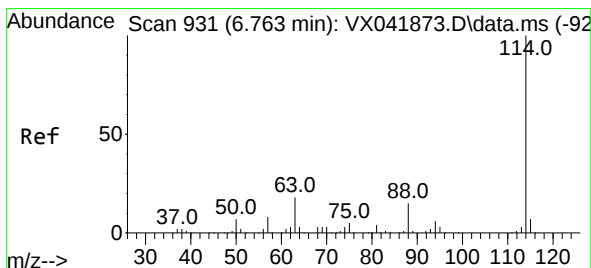
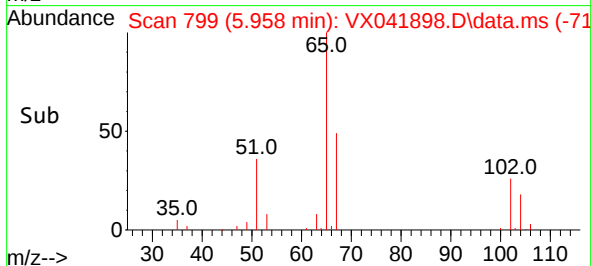
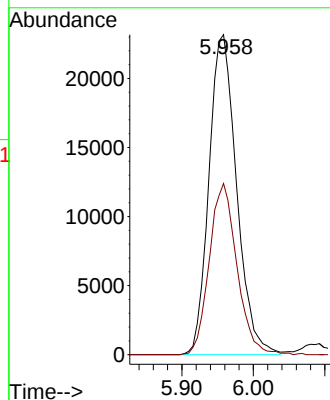
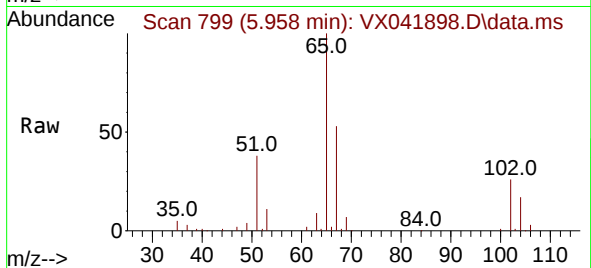
VSTDCCC020EC

Tgt Ion: 65 Resp: 62208
Ion Ratio Lower Upper
65 100
67 53.1 43.4 65.0

Manual Integrations

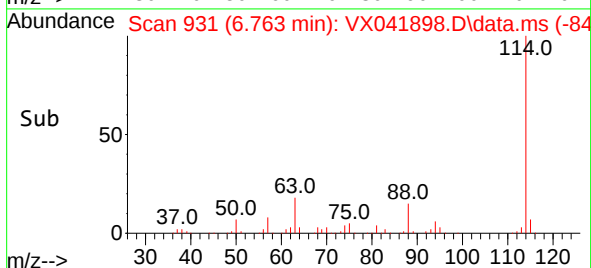
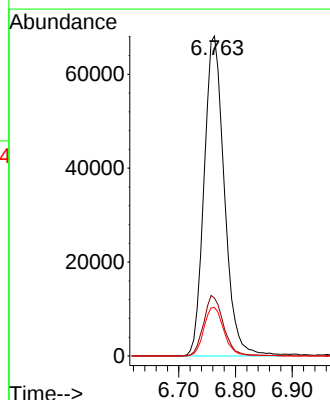
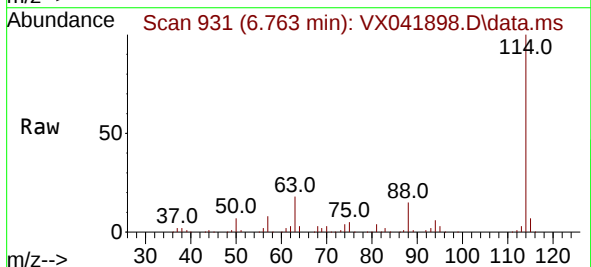
APPROVED

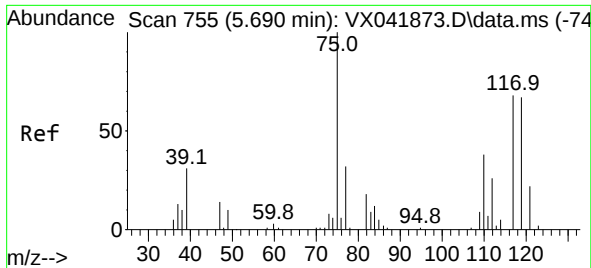
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion:114 Resp: 169279
Ion Ratio Lower Upper
114 100
63 18.6 14.6 21.8
88 14.9 11.8 17.8





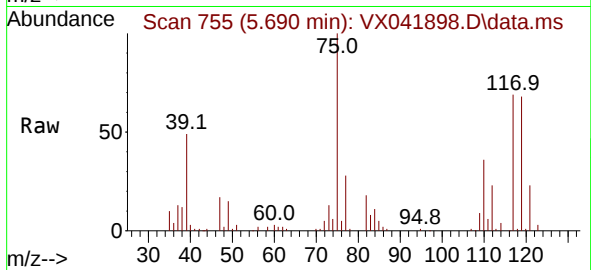
#29
1,1-Dichloropropene
Concen: 19.445 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



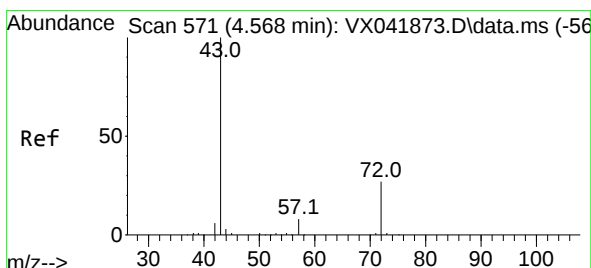
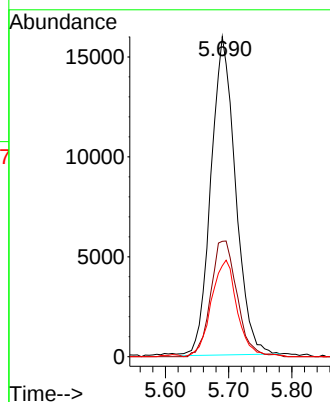
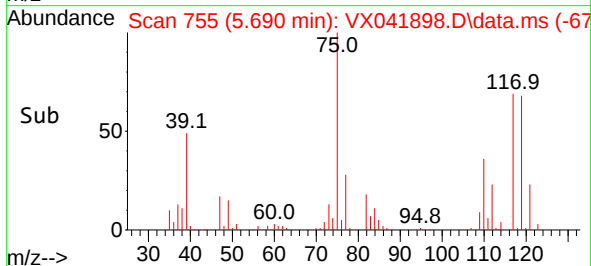
Tgt Ion: 75 Resp: 4296
Ion Ratio Lower Upper
75 100
110 38.7 0.0 80.2
77 31.6 0.0 65.2

Manual Integrations

APPROVED

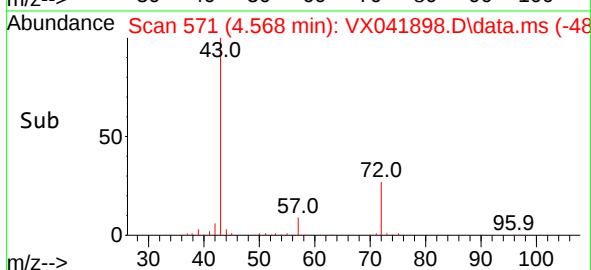
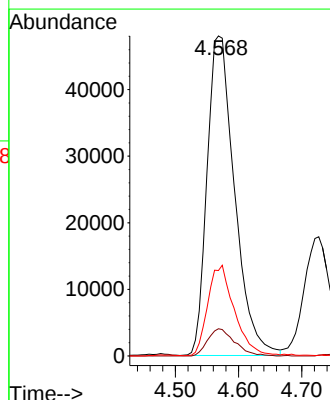
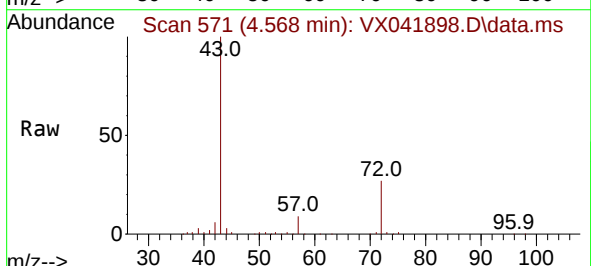
Reviewed By :John Carlone 06/17/2024

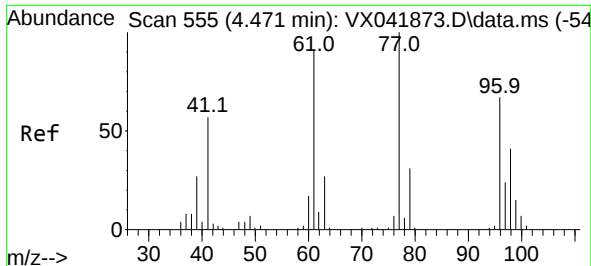
Supervised By :Mahesh Dadoda 06/17/2024



#30
2-Butanone
Concen: 98.276 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

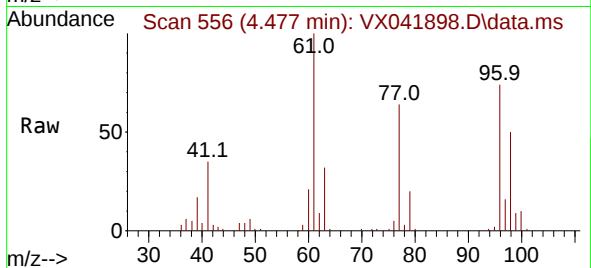
Tgt Ion: 43 Resp: 145080
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 27.0 22.0 33.0





#31
2,2-Dichloropropane
Concen: 13.427 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

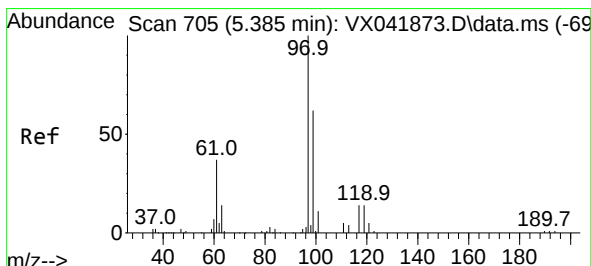
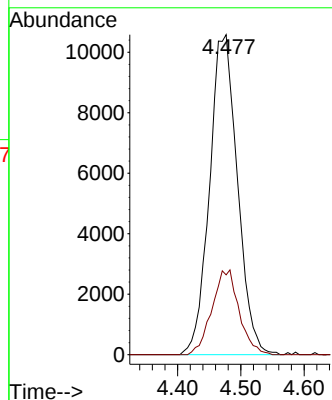
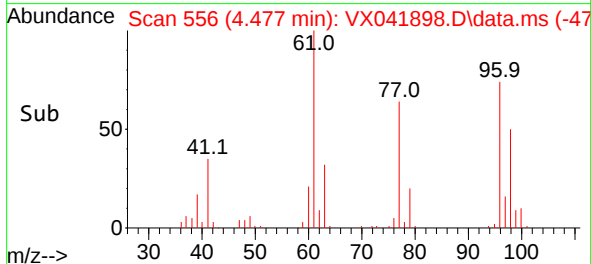
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 3250
Ion Ratio Lower Upper
77 100
97 25.8 20.2 30.2

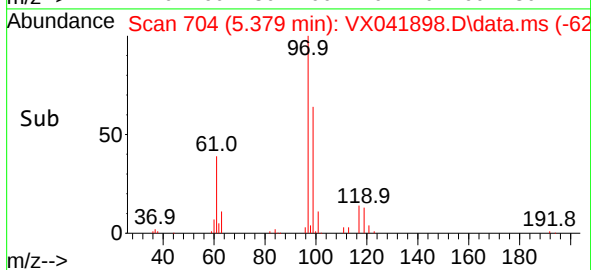
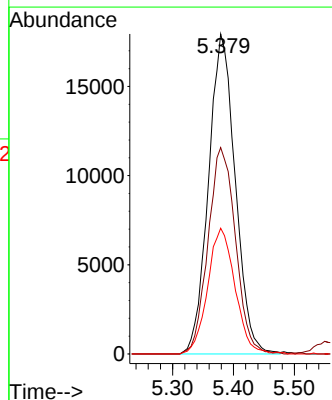
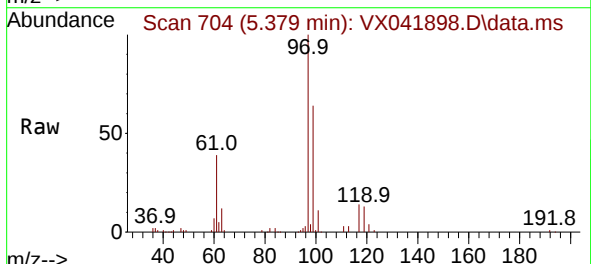
Manual Integrations
APPROVED

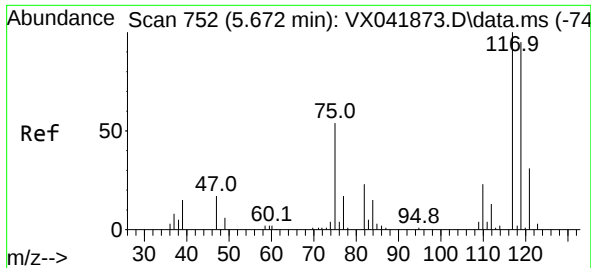
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#32
1,1,1-Trichloroethane
Concen: 19.553 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

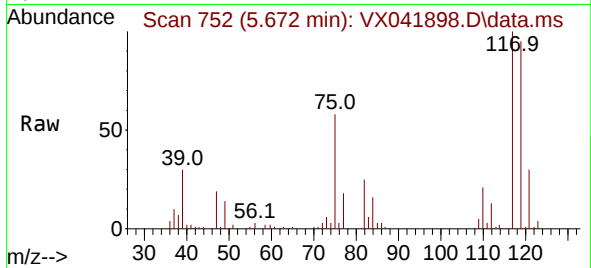
Tgt Ion: 97 Resp: 54760
Ion Ratio Lower Upper
97 100
99 66.0 52.0 78.0
61 40.0 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.143 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

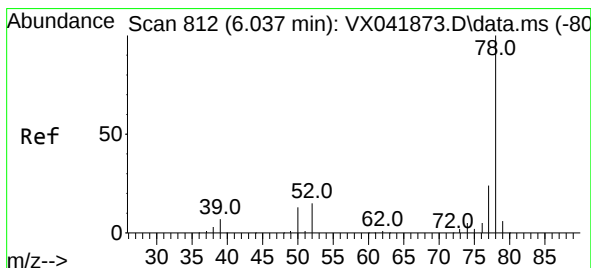
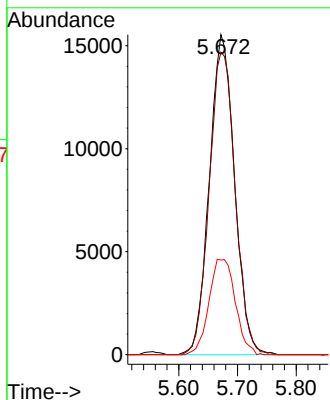
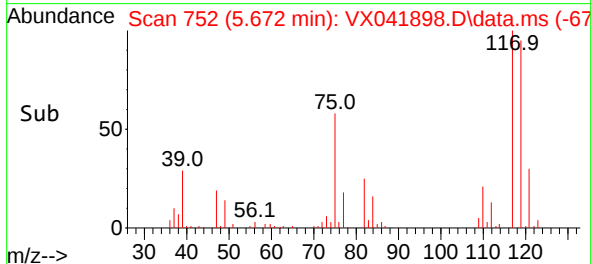
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 46238
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5
121 29.6 24.9 37.3

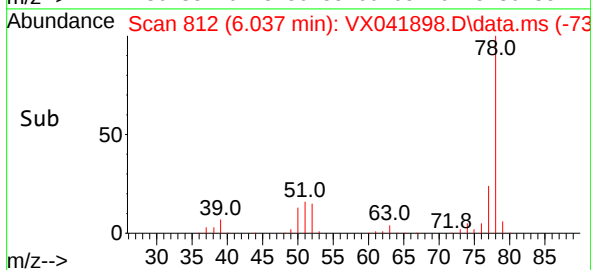
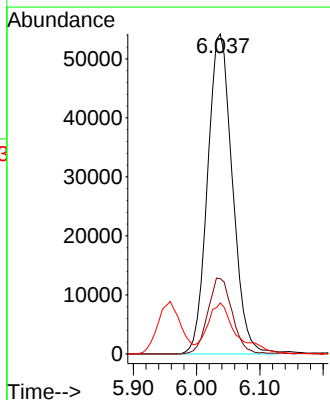
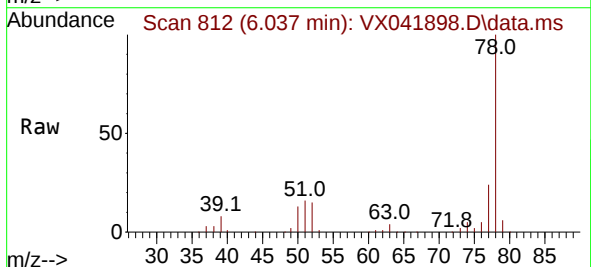
Manual Integrations
APPROVED

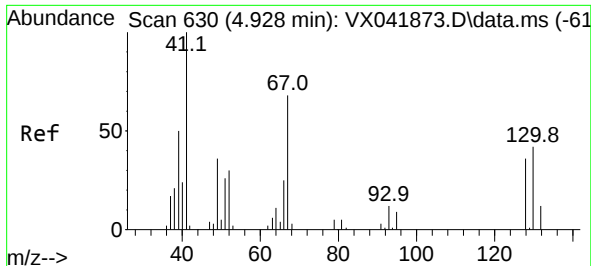
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#34
Benzene
Concen: 20.099 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 78 Resp: 147930
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3
51 15.4 11.8 17.8





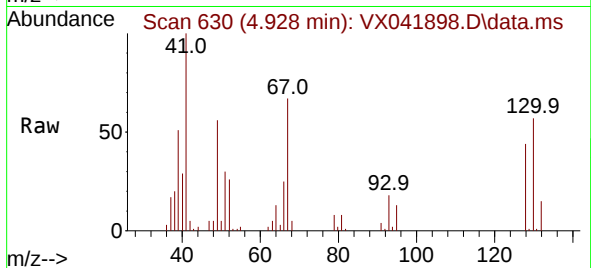
#35
Methacrylonitrile
Concen: 20.006 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



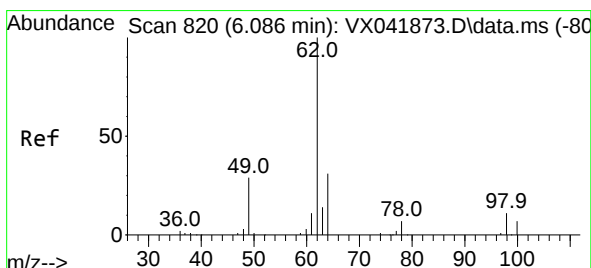
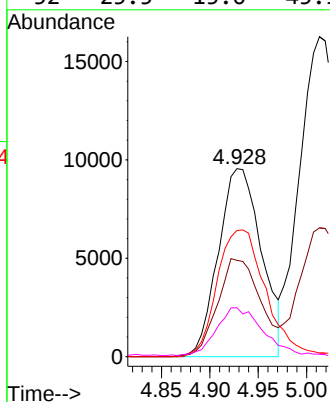
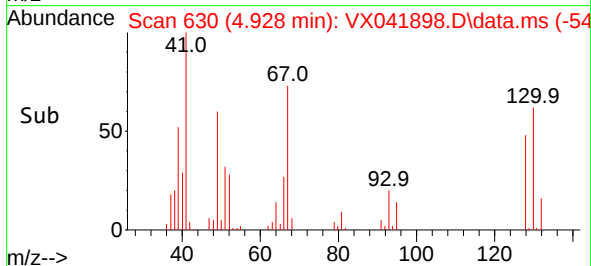
Tgt Ion: 41 Resp: 2966
Ion Ratio Lower Upper
41 100
39 50.6 25.2 75.6
67 67.2 34.2 102.5
52 25.5 15.0 45.1

Manual Integrations

APPROVED

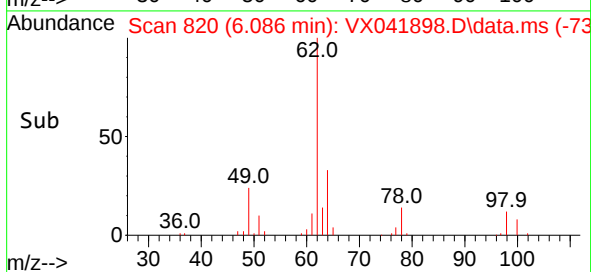
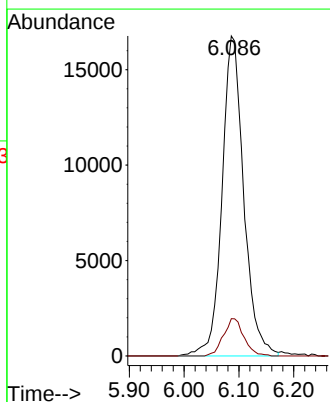
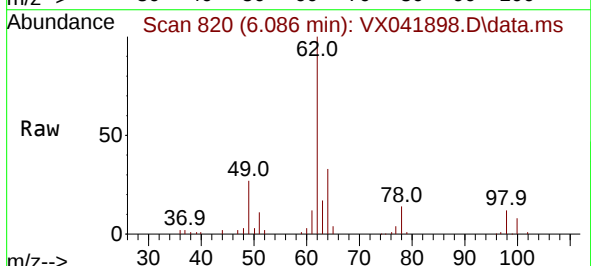
Reviewed By :John Carlone 06/17/2024

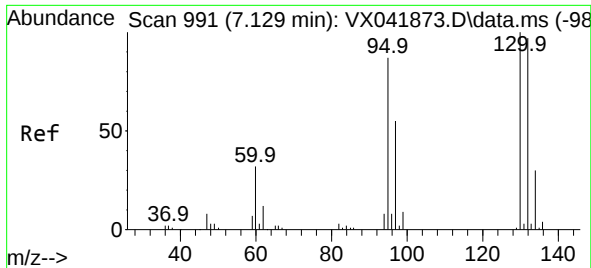
Supervised By :Mahesh Dadoda 06/17/2024



#36
1,2-Dichloroethane
Concen: 20.175 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 62 Resp: 46259
Ion Ratio Lower Upper
62 100
98 11.0 9.1 13.7





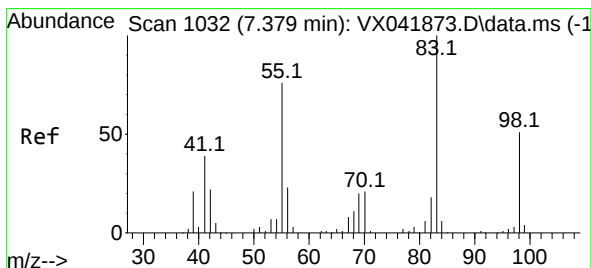
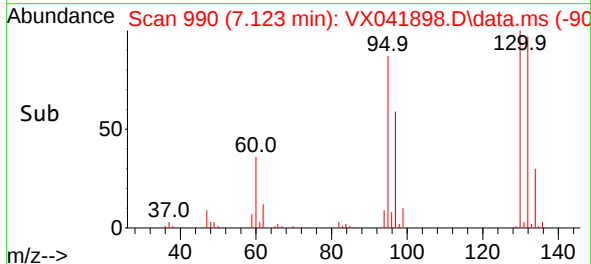
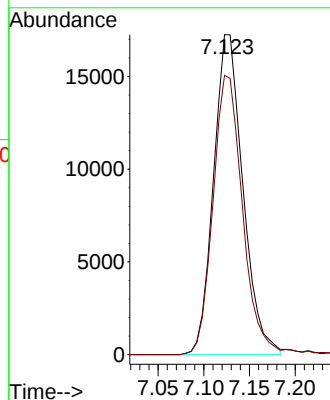
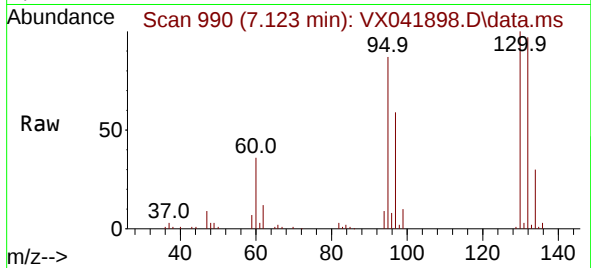
#37
Trichloroethene
Concen: 19.214 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 3862
Ion Ratio Lower Upper
130 100
95 87.3 69.4 104.0

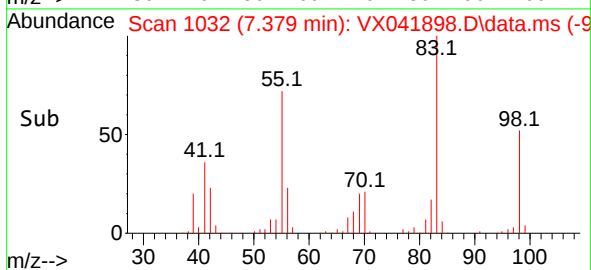
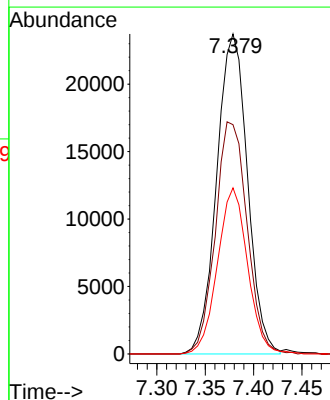
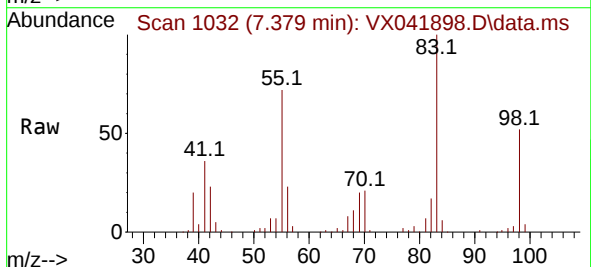
Manual Integrations
APPROVED

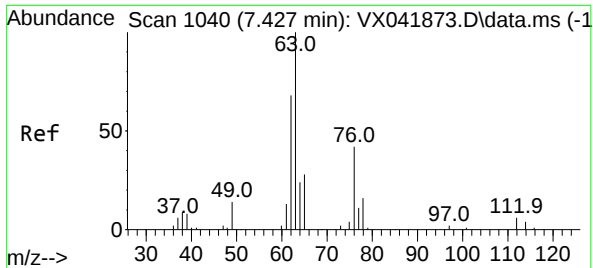
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#38
Methylcyclohexane
Concen: 17.971 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 83 Resp: 52591
Ion Ratio Lower Upper
83 100
55 74.5 37.3 111.9
98 50.7 24.8 74.4





#39

1,2-Dichloropropane

Concen: 20.127 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 3528

Ion Ratio Lower Upper

63 100

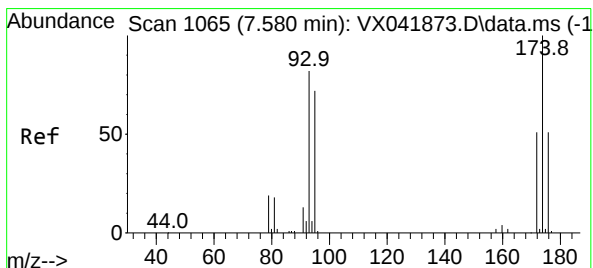
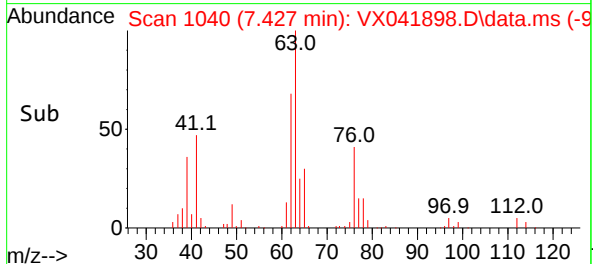
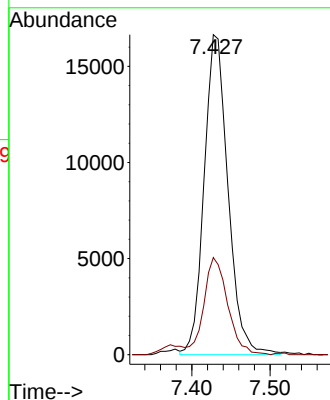
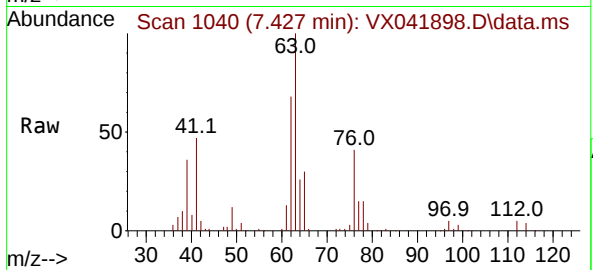
65 30.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#40

Dibromomethane

Concen: 19.817 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

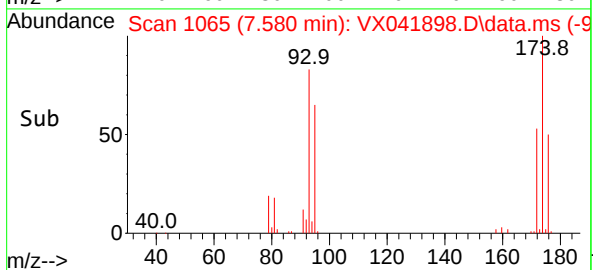
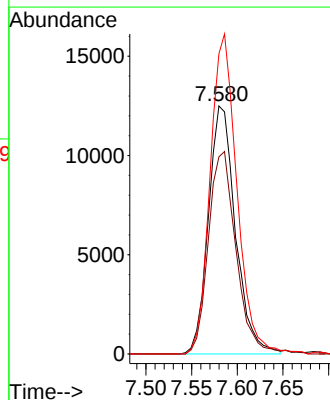
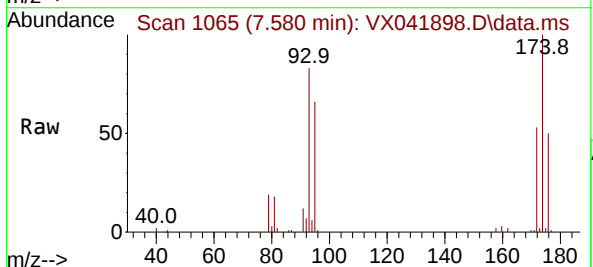
Tgt Ion: 93 Resp: 25701

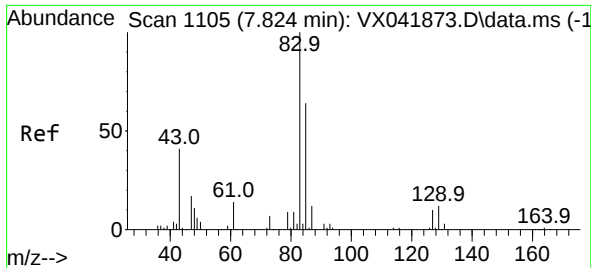
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.6

174 127.8 0.0 255.0





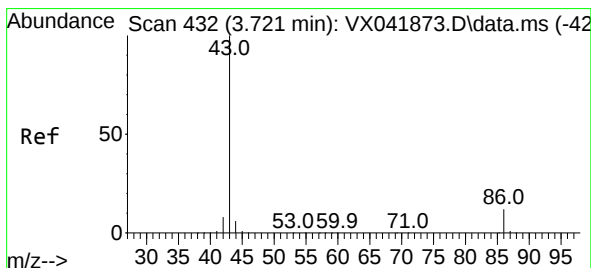
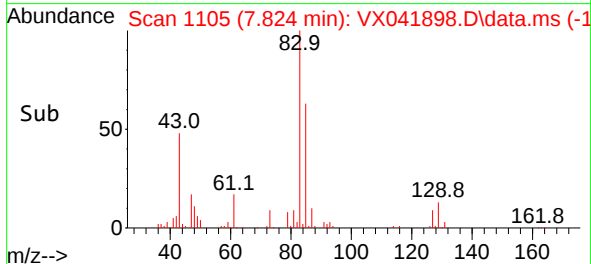
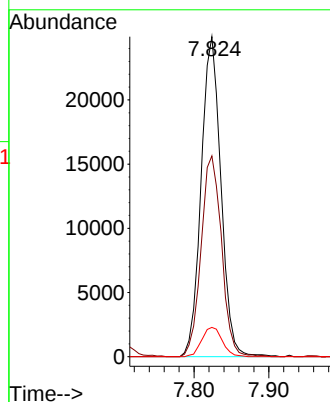
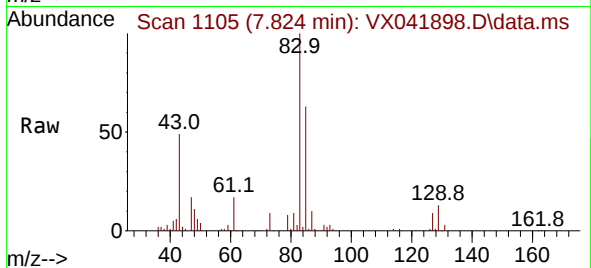
#41
Bromodichloromethane
Concen: 19.724 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4582
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7
127 9.1 8.1 12.1

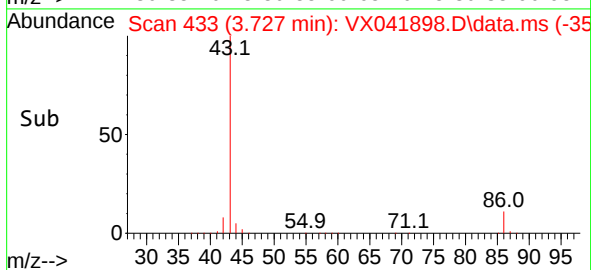
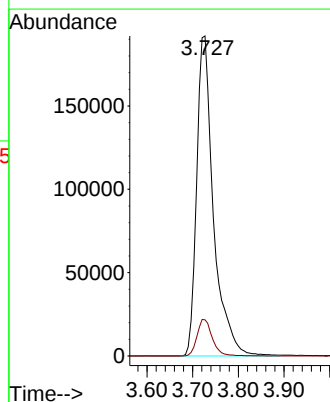
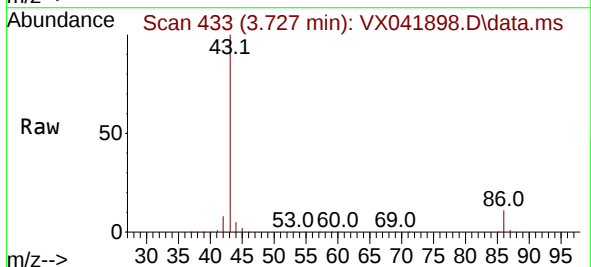
Manual Integrations
APPROVED

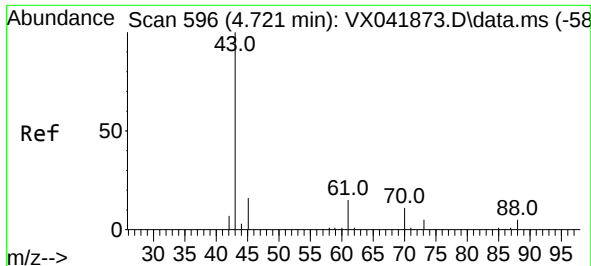
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#42
Vinyl Acetate
Concen: 99.208 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

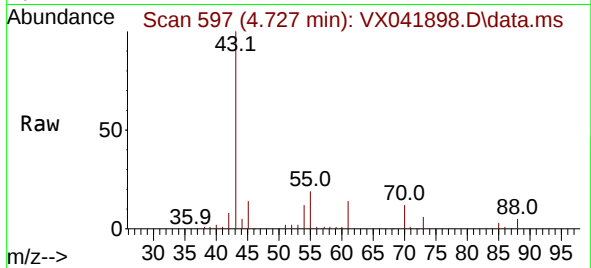
Tgt Ion: 43 Resp: 490221
Ion Ratio Lower Upper
43 100
86 10.3 8.5 12.7





#43
Ethyl Acetate
Concen: 19.924 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

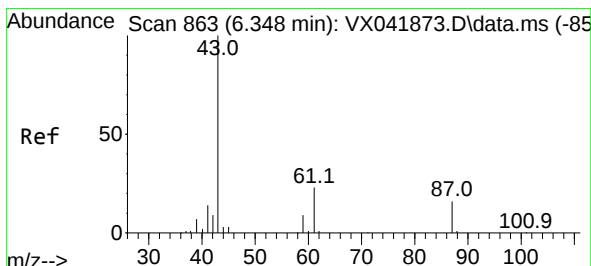
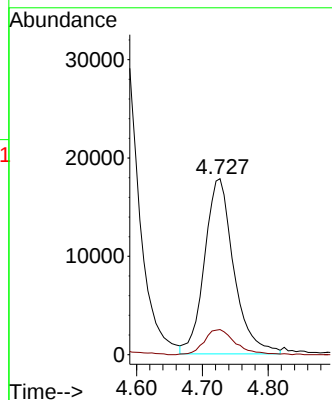
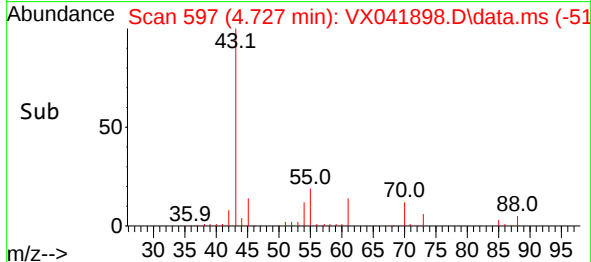
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 55148
Ion Ratio Lower Upper
43 100
45 15.2 12.4 18.6

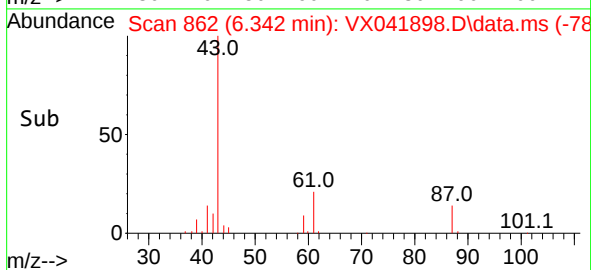
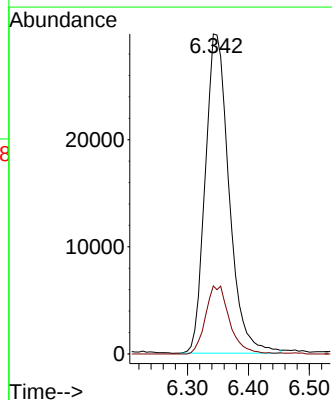
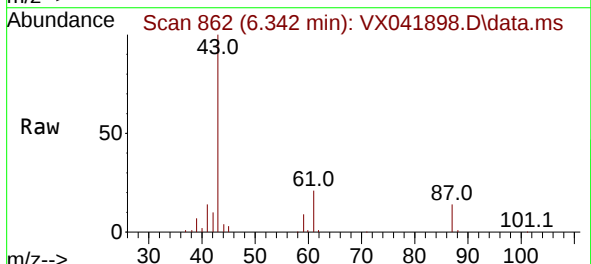
Manual Integrations
APPROVED

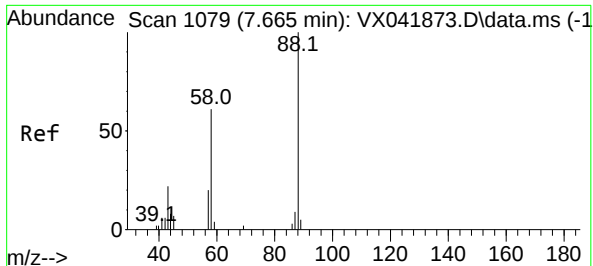
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#44
Isopropyl Acetate
Concen: 19.555 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

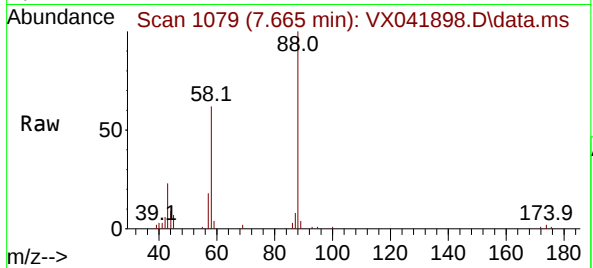
Tgt Ion: 43 Resp: 81070
Ion Ratio Lower Upper
43 100
61 21.4 17.4 26.0





#45
1,4-Dioxane
Concen: 398.753 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

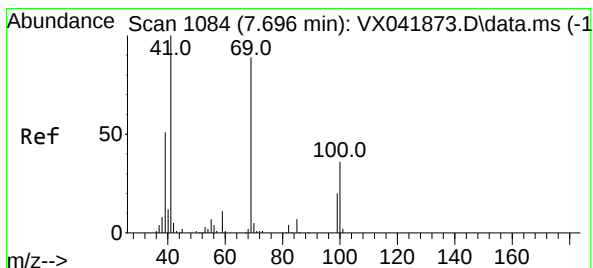
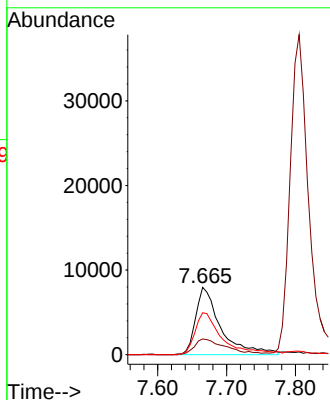
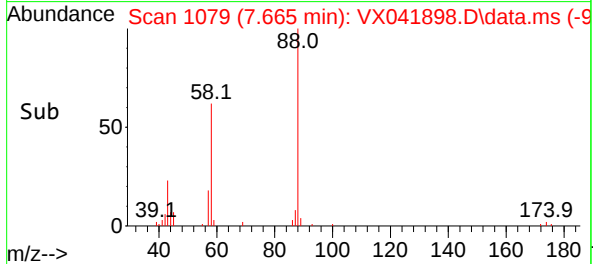
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 2015
Ion Ratio Lower Upper
88 100
43 27.4 23.2 34.8
58 66.5 52.6 78.8

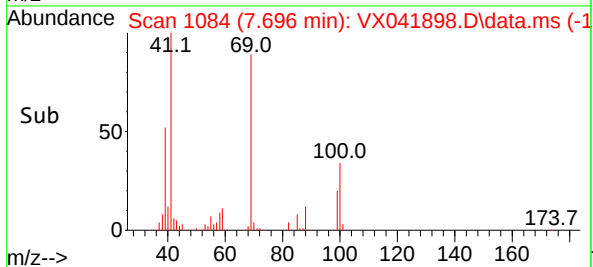
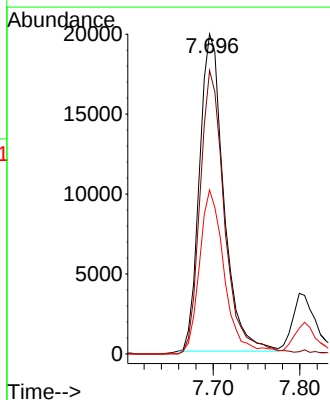
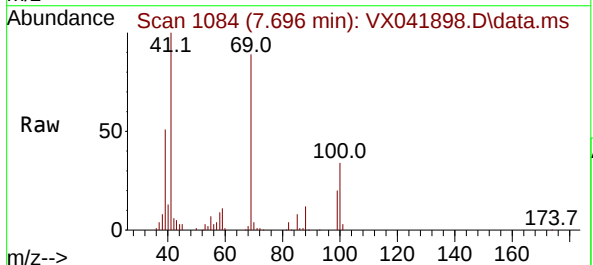
Manual Integrations
APPROVED

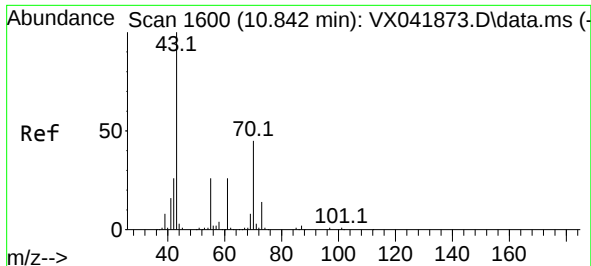
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#46
Methyl methacrylate
Concen: 19.016 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

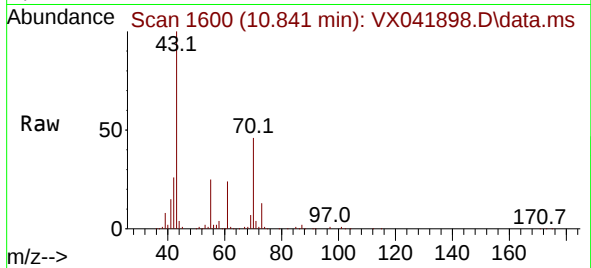
Tgt Ion: 41 Resp: 38546
Ion Ratio Lower Upper
41 100
69 89.4 44.4 133.1
39 51.7 25.5 76.5





#47
n-amy1 Acetate
Concen: 19.439 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

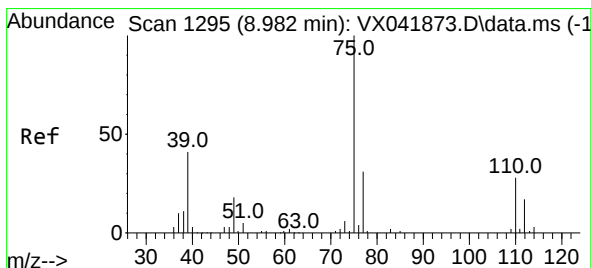
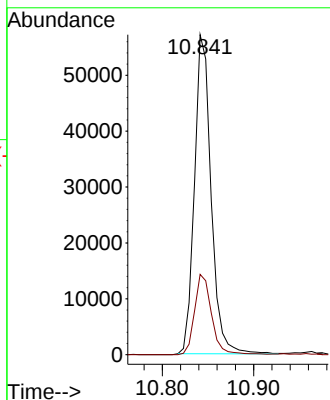
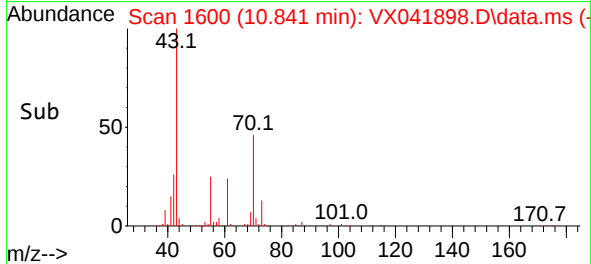
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 7232
Ion Ratio Lower Upper
43 100
55 25.8 21.0 31.4

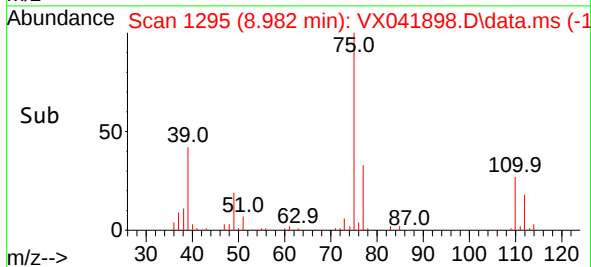
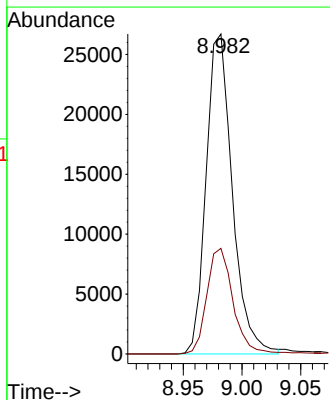
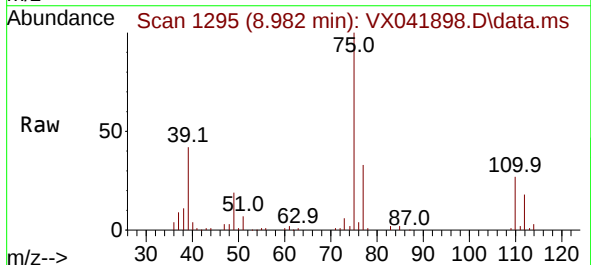
Manual Integrations
APPROVED

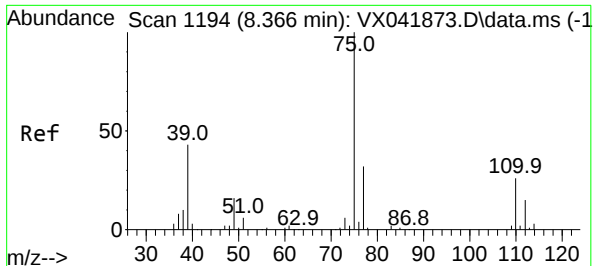
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#48
t-1,3-Dichloropropene
Concen: 17.336 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 75 Resp: 41472
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 18.249 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4896

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

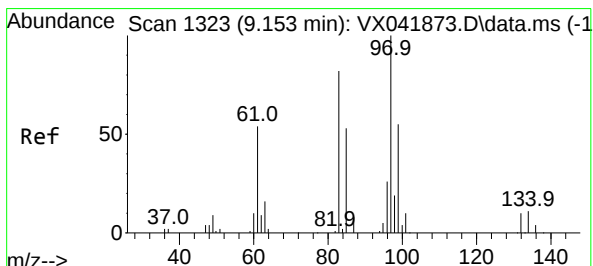
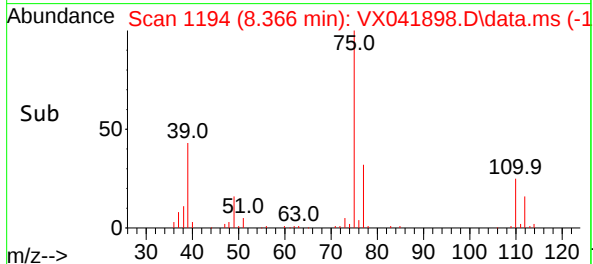
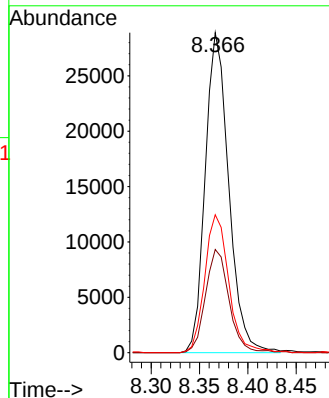
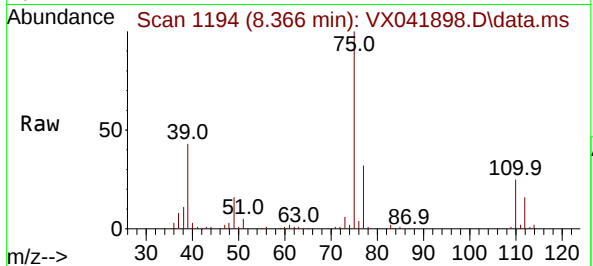
39 43.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#50

1,1,2-Trichloroethane

Concen: 20.072 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Tgt Ion: 97 Resp: 37852

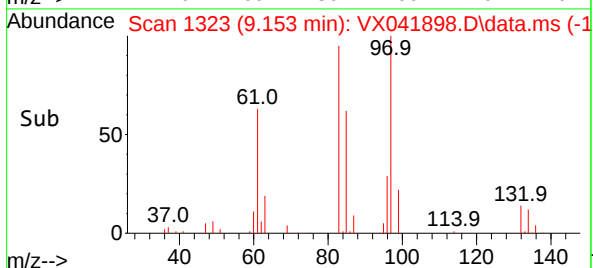
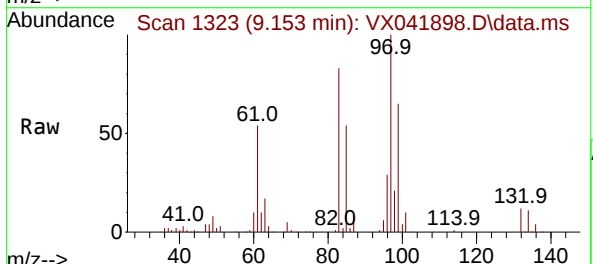
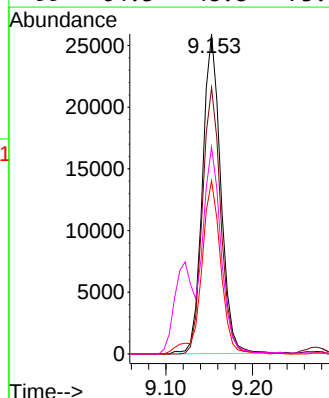
Ion Ratio Lower Upper

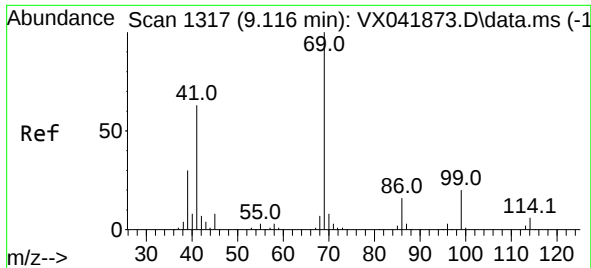
97 100

83 83.4 65.9 98.9

85 54.0 42.9 64.3

99 64.3 48.8 73.2





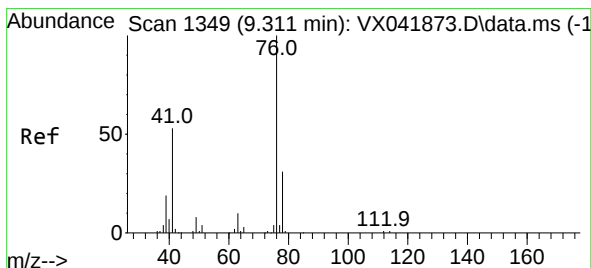
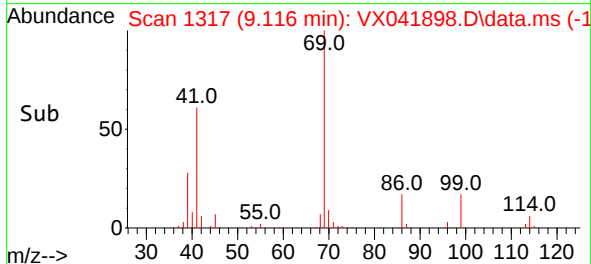
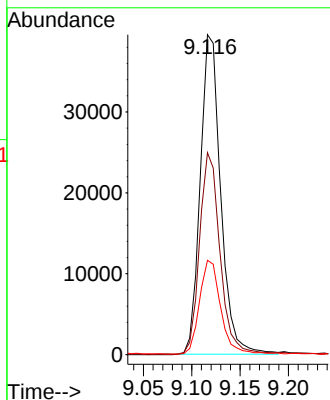
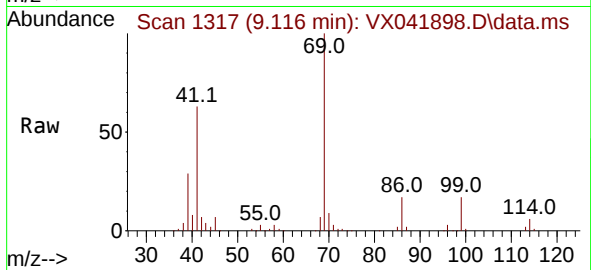
#51
Ethyl methacrylate
Concen: 19.472 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 5833
Ion Ratio Lower Upper
69 100
41 63.1 31.6 94.7
39 29.4 15.3 45.8

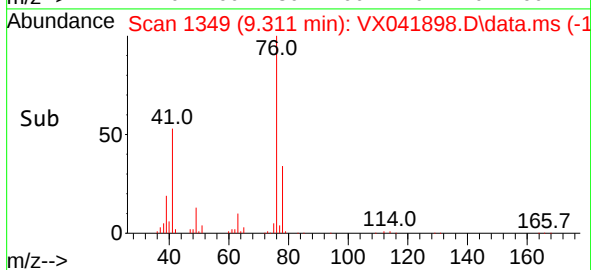
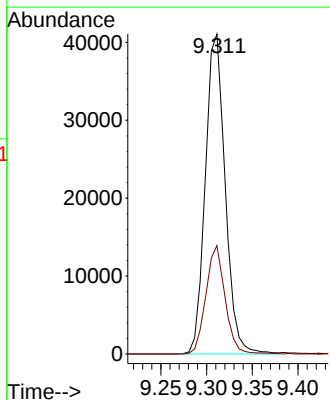
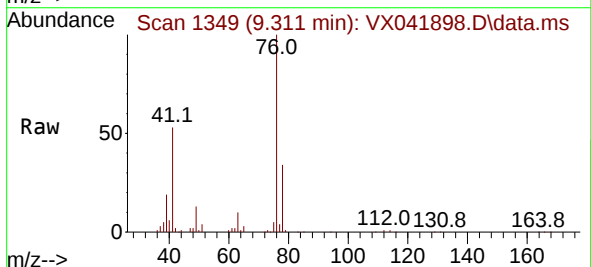
Manual Integrations
APPROVED

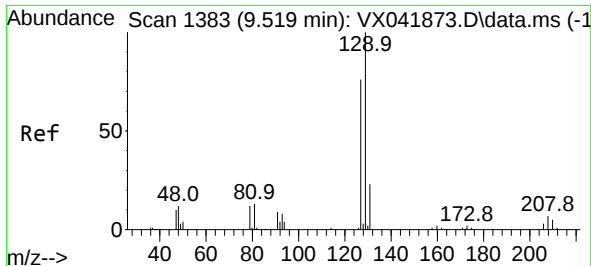
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#52
1,3-Dichloropropane
Concen: 20.097 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

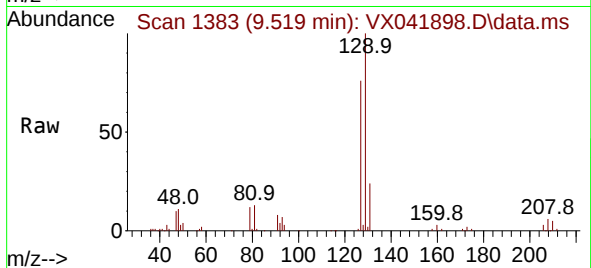
Tgt Ion: 76 Resp: 61957
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.0





#53
Dibromochloromethane
Concen: 19.615 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

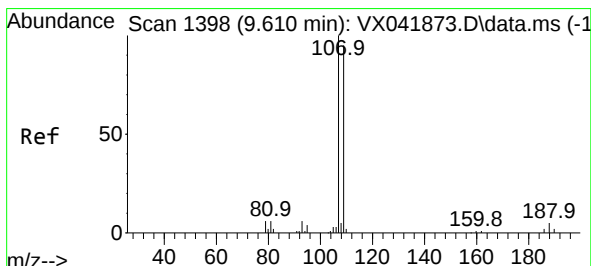
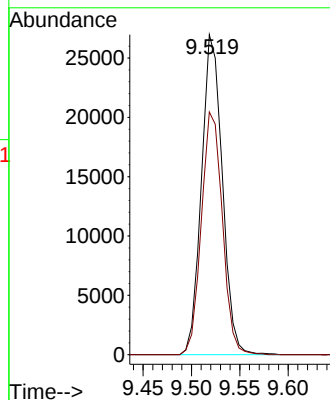
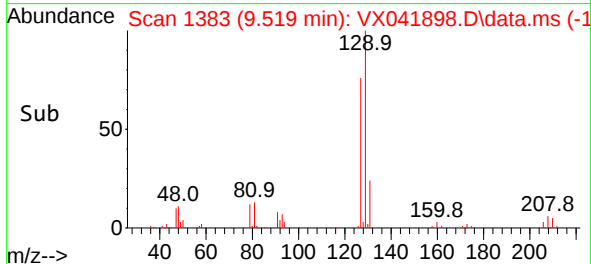
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 40480
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

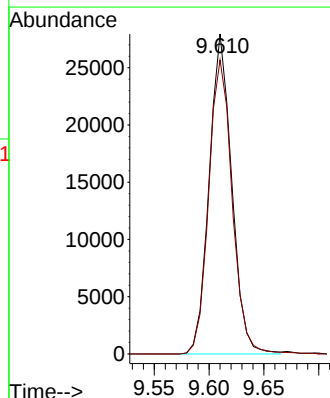
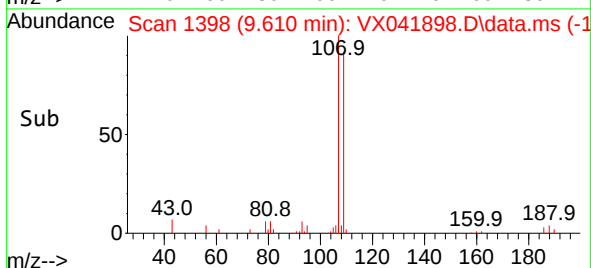
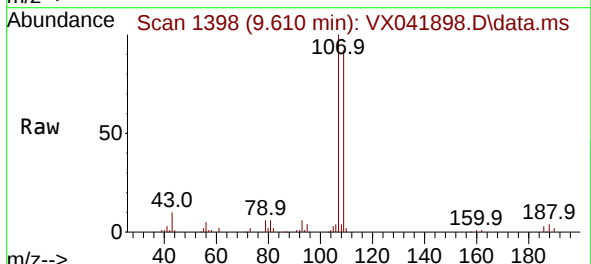
Manual Integrations
APPROVED

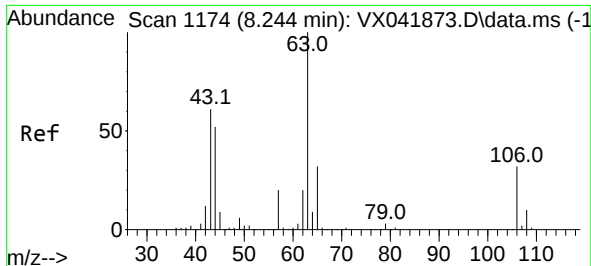
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#54
1,2-Dibromoethane
Concen: 20.143 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion:107 Resp: 40057
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 96.678 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 13480

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5

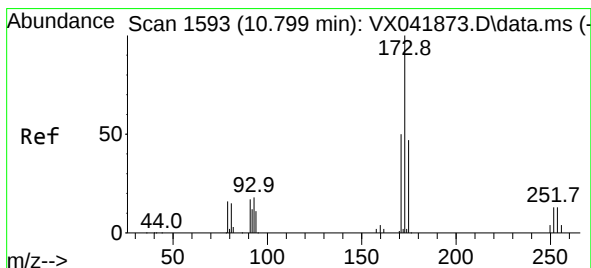
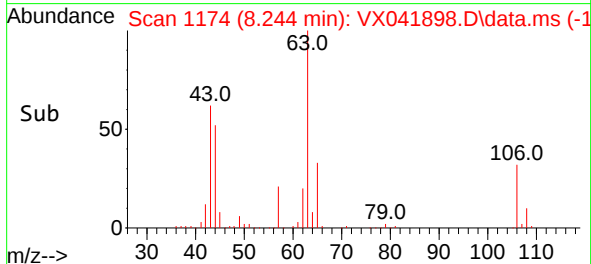
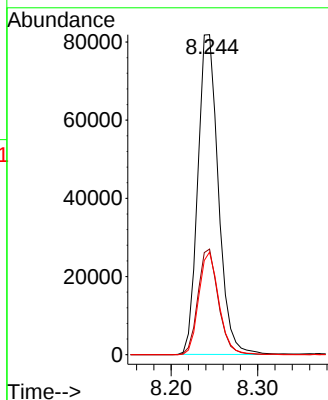
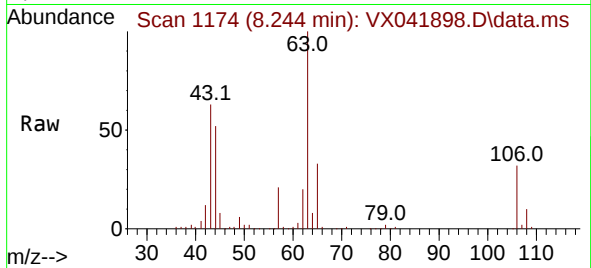
106 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#56

Bromoform

Concen: 18.730 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

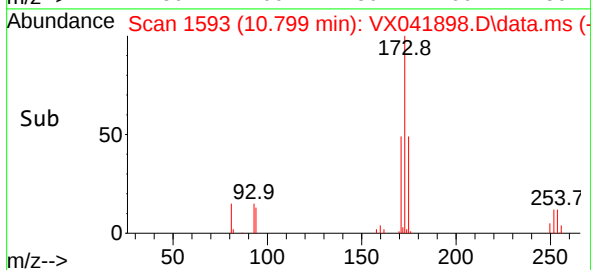
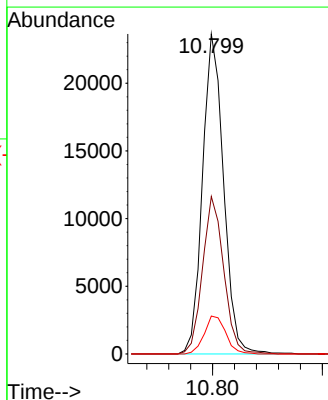
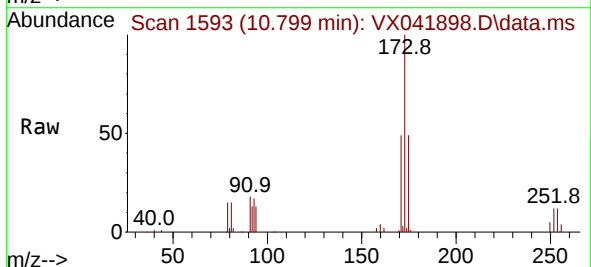
Tgt Ion:173 Resp: 31518

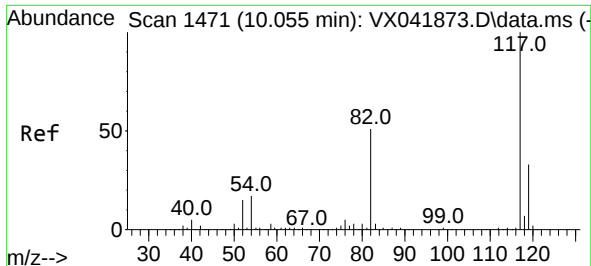
Ion Ratio Lower Upper

173 100

175 49.6 39.3 58.9

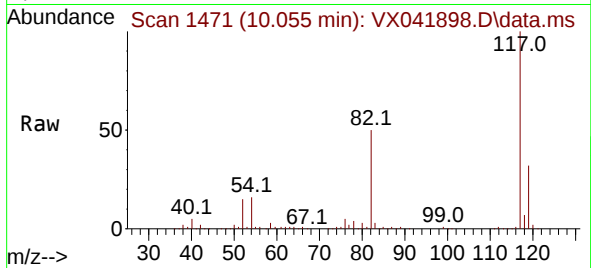
254 12.1 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

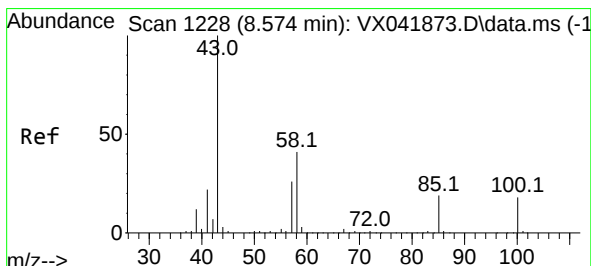
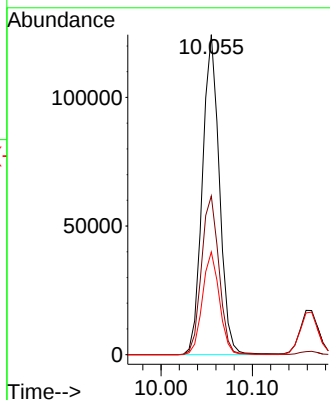
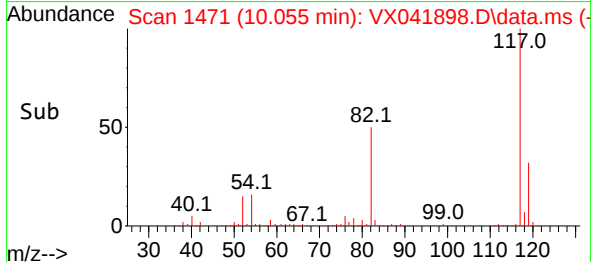
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 160360
Ion Ratio Lower Upper
117 100
82 51.2 41.1 61.7
119 32.1 26.1 39.1

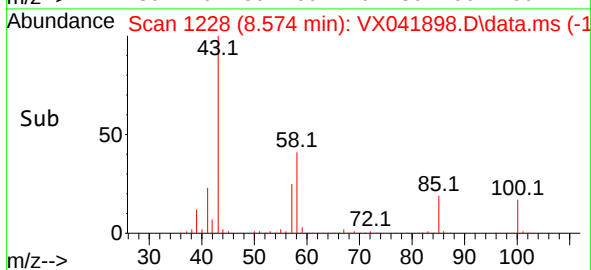
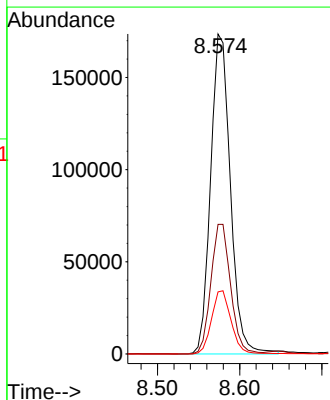
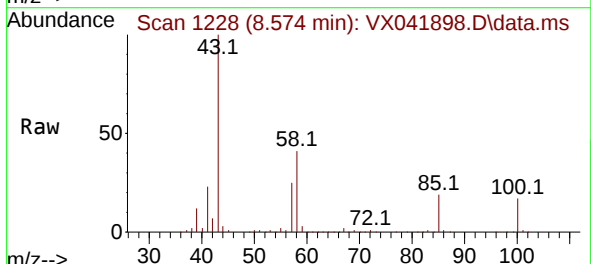
Manual Integrations
APPROVED

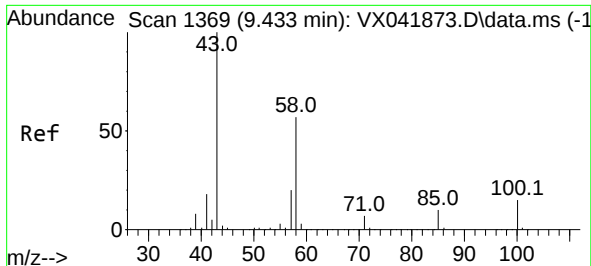
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#58
4-Methyl-2-Pentanone
Concen: 100.958 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 43 Resp: 290106
Ion Ratio Lower Upper
43 100
58 40.4 33.2 49.8
85 19.5 15.5 23.3





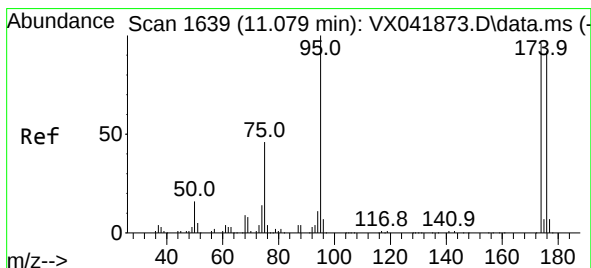
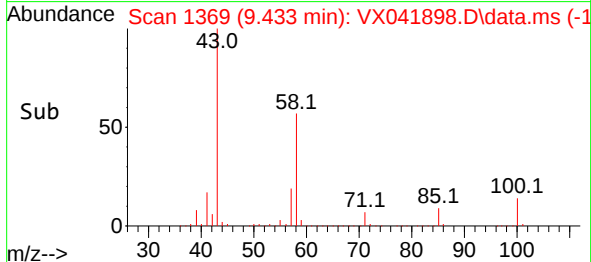
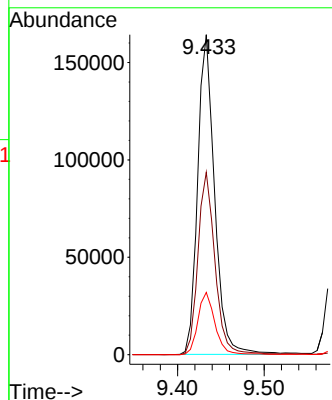
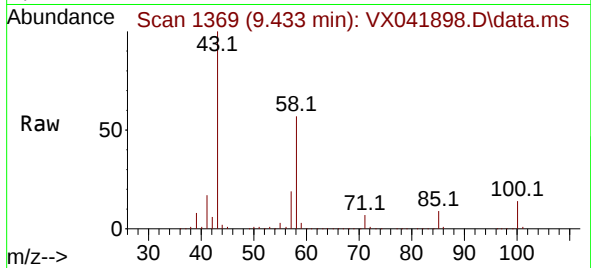
#59
2-Hexanone
Concen: 100.479 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 22285
Ion Ratio Lower Upper
43 100
58 57.5 46.0 69.0
57 19.8 15.8 23.6

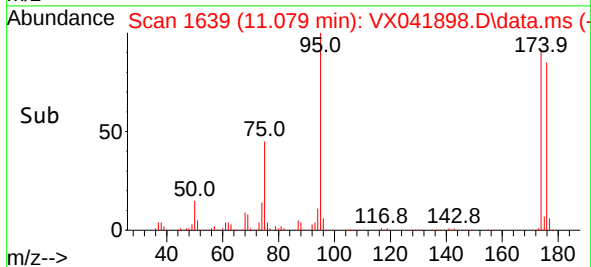
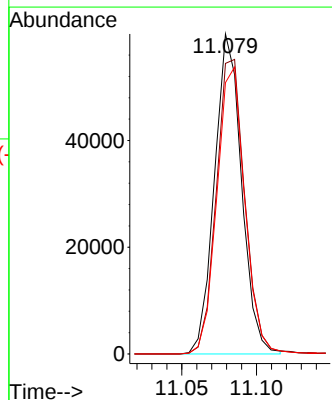
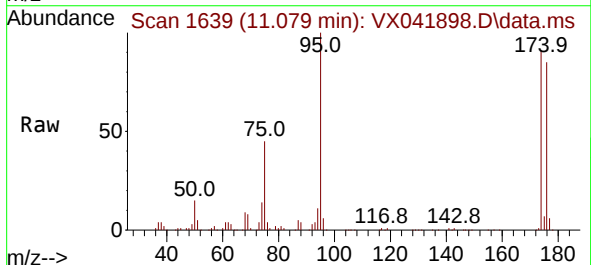
Manual Integrations
APPROVED

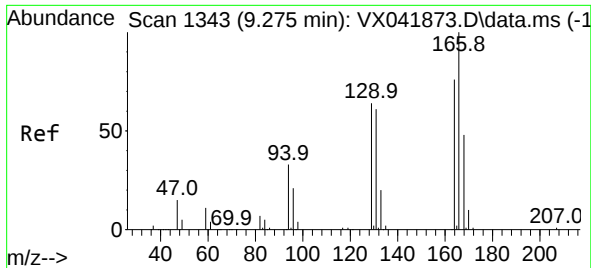
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#60
4-Bromofluorobenzene
Concen: 30.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

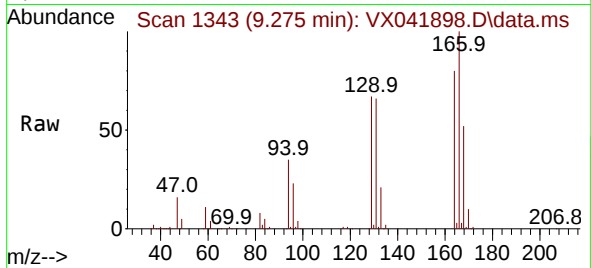
Tgt Ion: 95 Resp: 75434
Ion Ratio Lower Upper
95 100
174 97.4 78.9 118.3
176 92.8 77.1 115.7





#61
Tetrachloroethene
Concen: 19.314 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

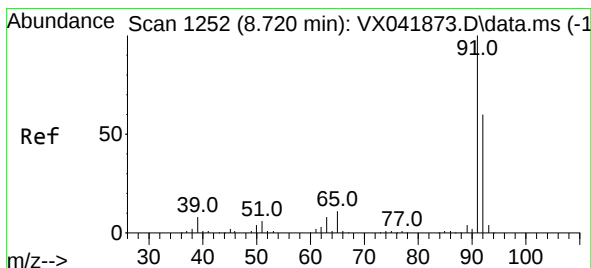
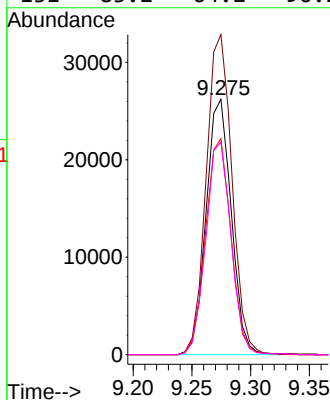
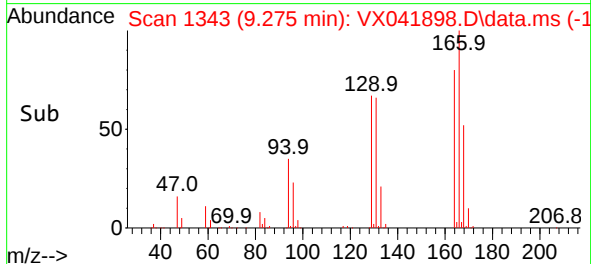
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 38972
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.6
129 84.6 67.1 100.7
131 83.2 64.2 96.2

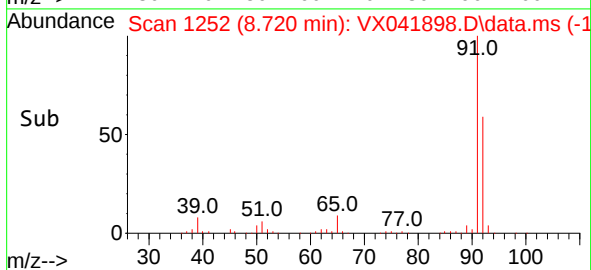
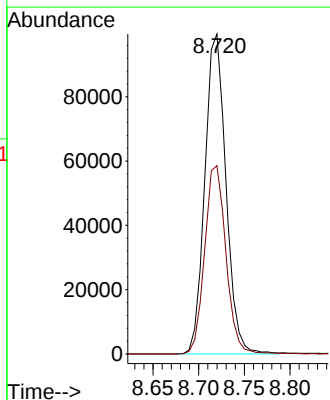
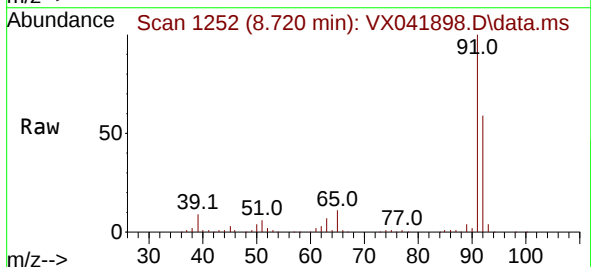
Manual Integrations
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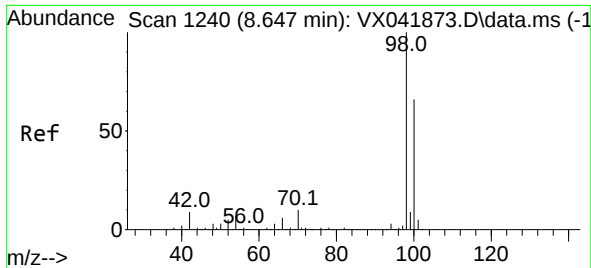
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#62
Toluene
Concen: 19.658 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 91 Resp: 159517
Ion Ratio Lower Upper
91 100
92 59.5 47.4 71.2





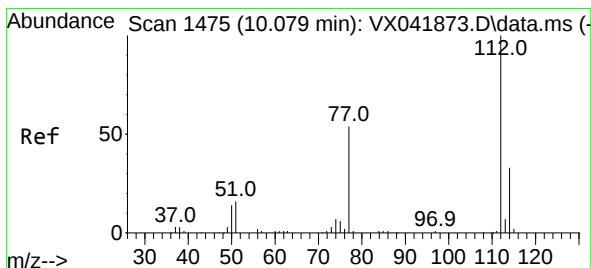
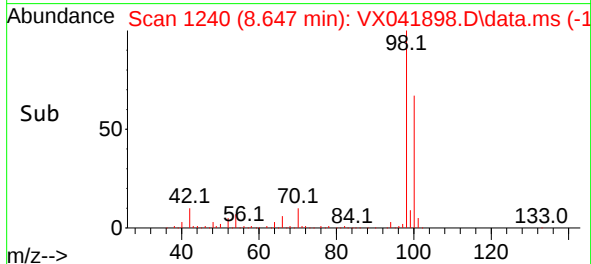
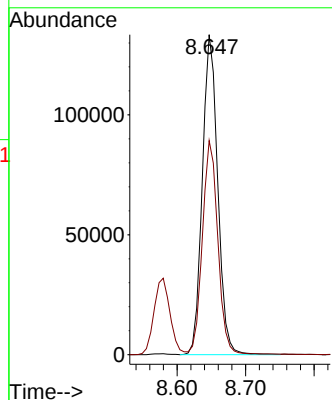
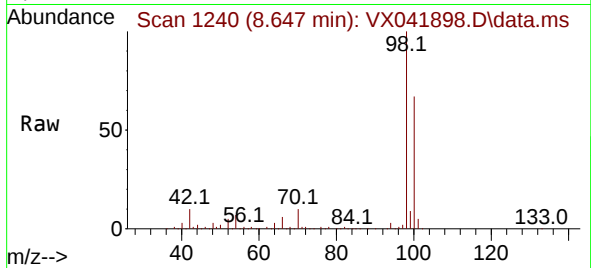
#63
Toluene-d8
Concen: 30.434 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 208799
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

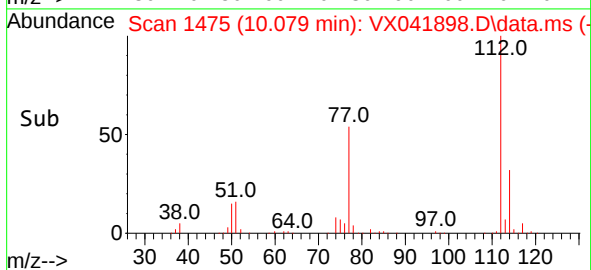
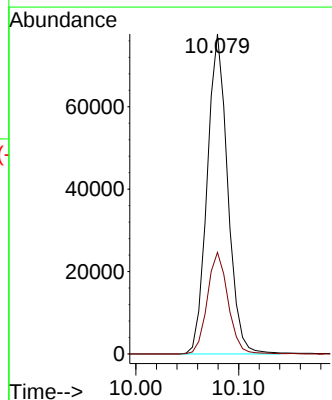
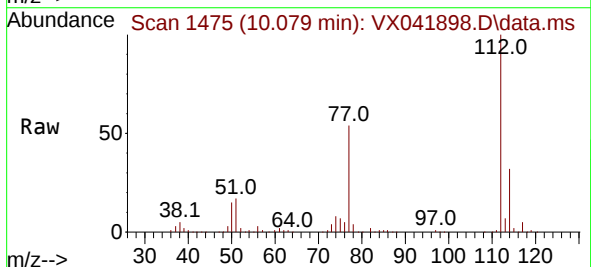
Manual Integrations
APPROVED

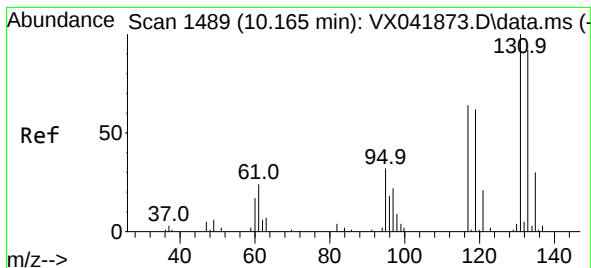
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#64
Chlorobenzene
Concen: 19.531 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

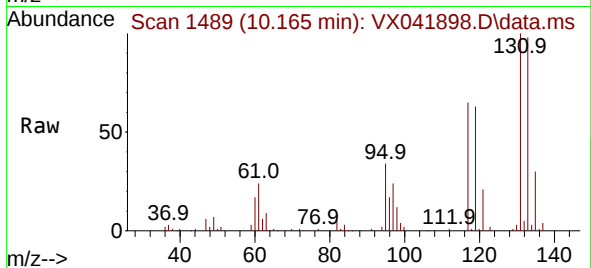
Tgt Ion:112 Resp: 107925
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.567 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

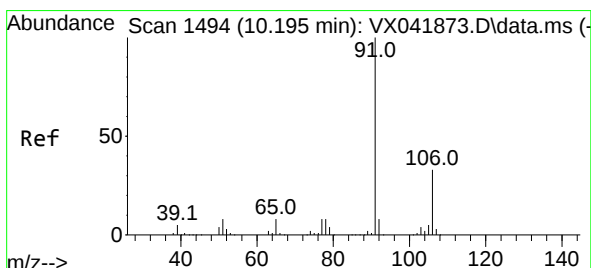
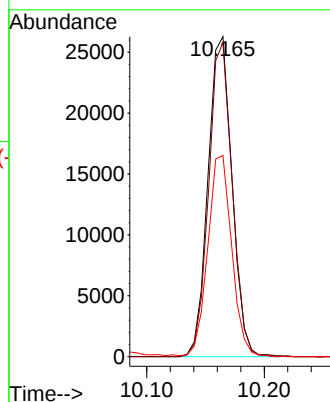
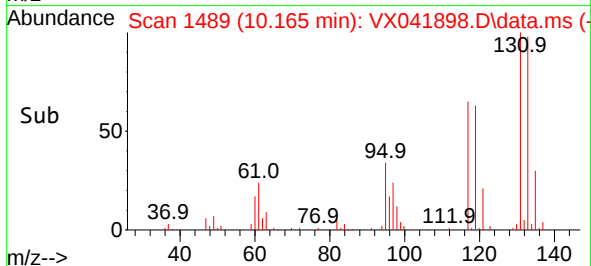
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 3734
Ion Ratio Lower Upper
131 100
133 95.8 0.0 194.8
119 62.6 0.0 127.6

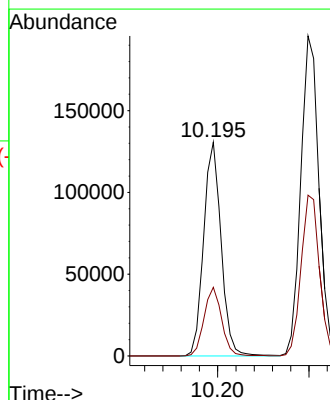
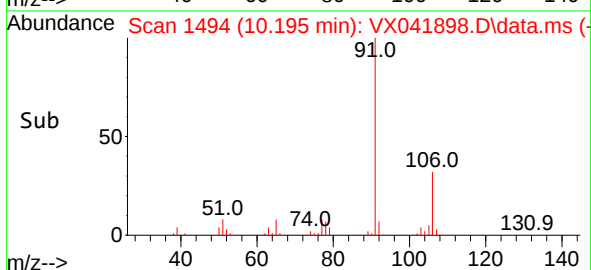
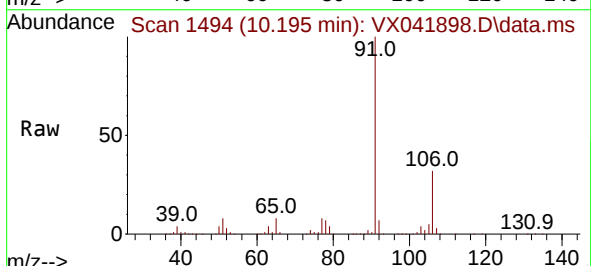
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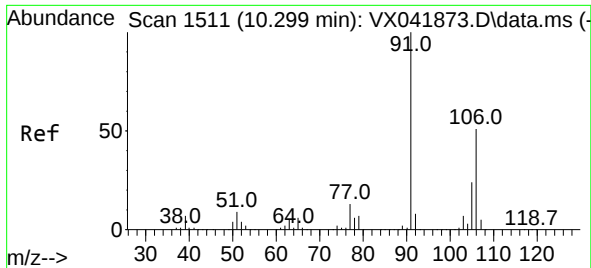
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#66
Ethyl Benzene
Concen: 19.528 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 91 Resp: 173249
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6





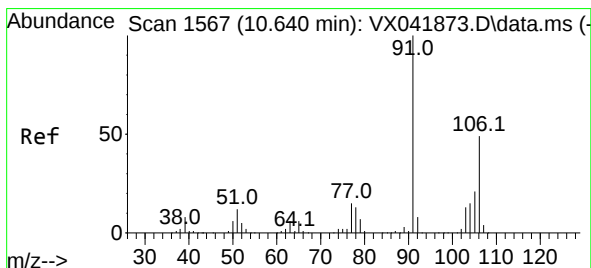
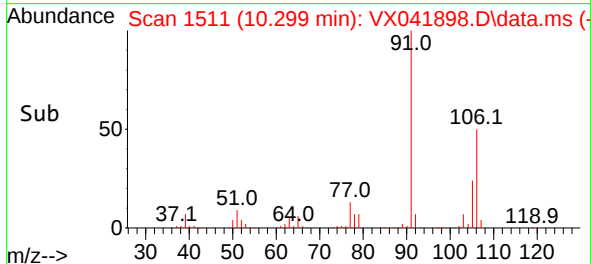
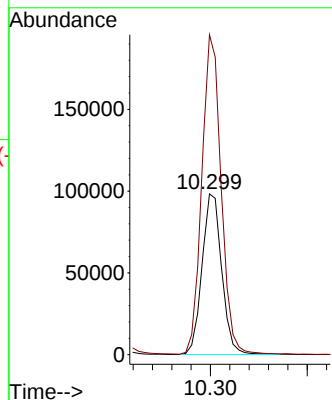
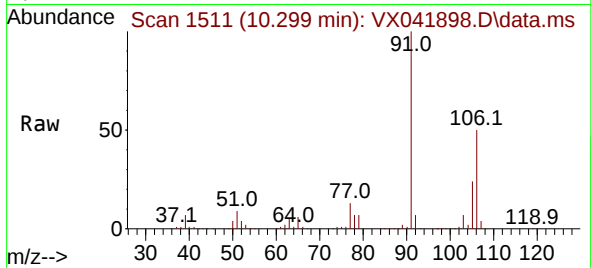
#67
m/p-Xylenes
Concen: 38.912 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 138858
Ion Ratio Lower Upper
106 100
91 196.9 157.0 235.6

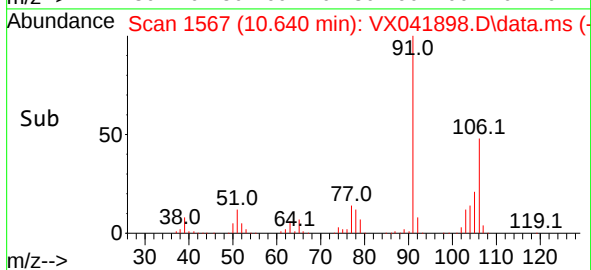
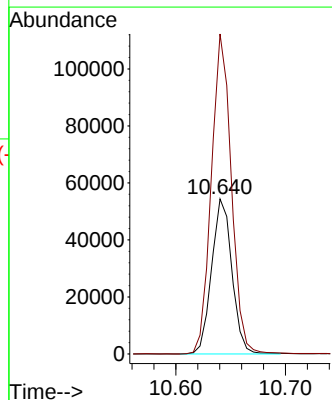
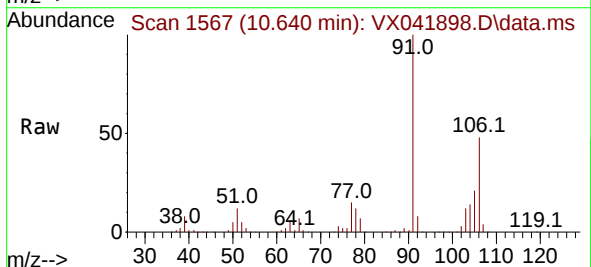
Manual Integrations
APPROVED

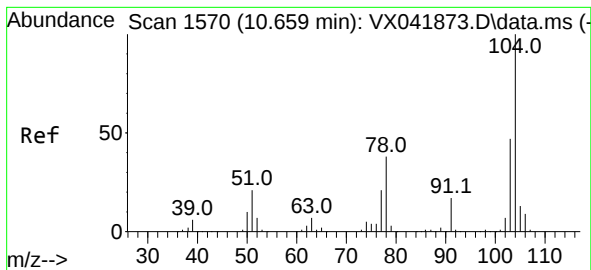
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#68
o-Xylene
Concen: 19.712 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion:106 Resp: 70133
Ion Ratio Lower Upper
106 100
91 203.3 103.2 309.6





#69

Styrene

Concen: 19.898 ug/l

RT: 10.659 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:104 Resp: 118300

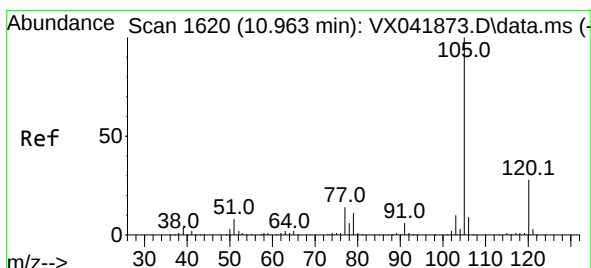
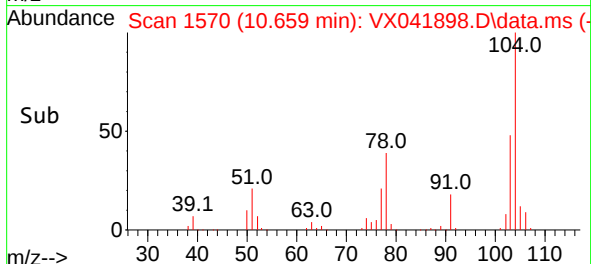
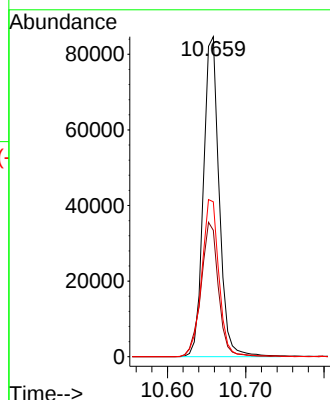
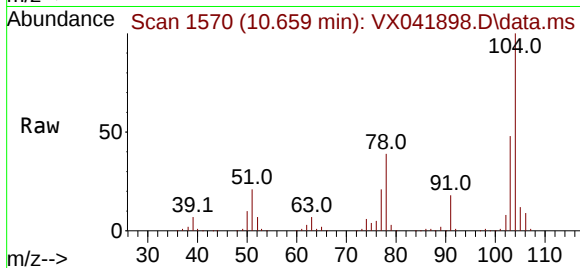
Ion	Ratio	Lower	Upper
104	100		
78	46.2	36.5	54.7
103	53.9	43.4	65.2

Manual Integrations

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Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#70

Isopropylbenzene

Concen: 19.796 ug/l

RT: 10.963 min Scan# 1620

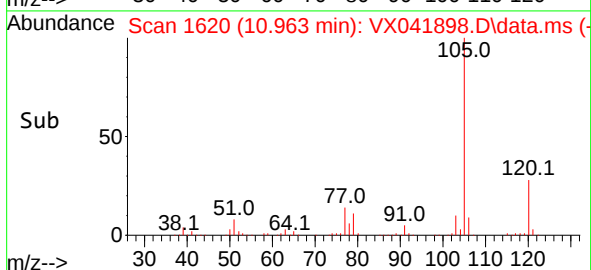
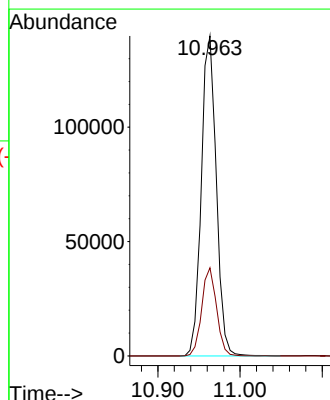
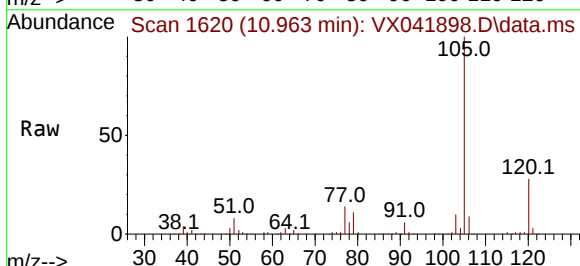
Delta R.T. -0.000 min

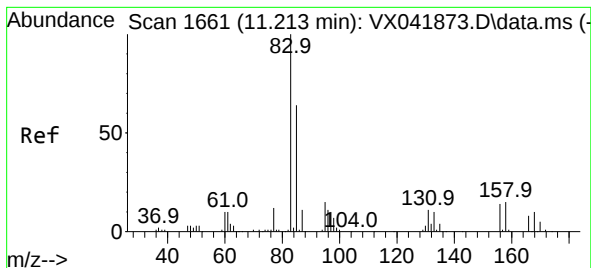
Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Tgt Ion:105 Resp: 177087

Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.2	35.6





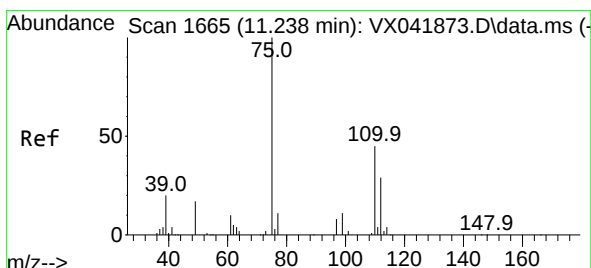
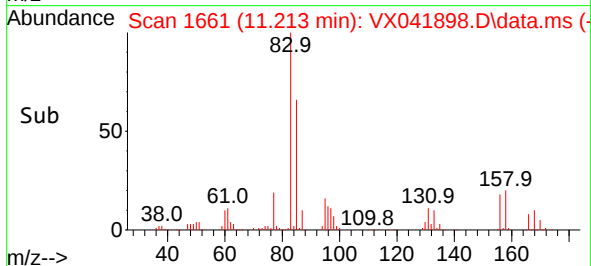
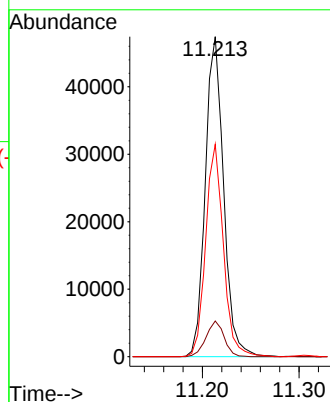
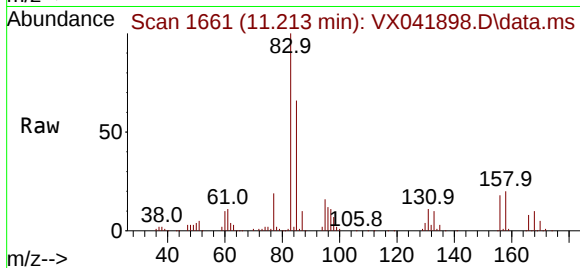
#71
1,1,2,2-Tetrachloroethane
Concen: 20.200 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 62530
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.7
85 64.4 32.6 97.7

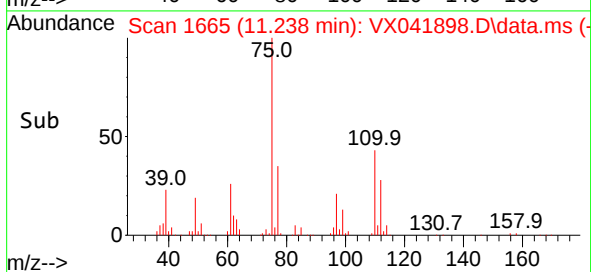
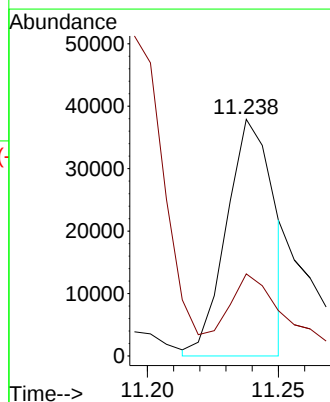
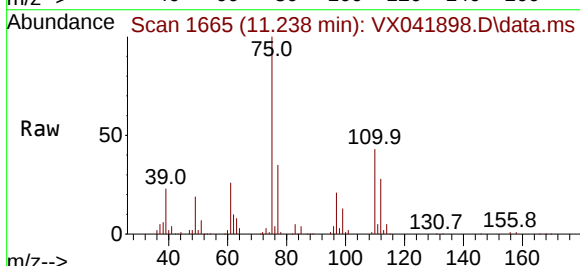
Manual Integrations
APPROVED

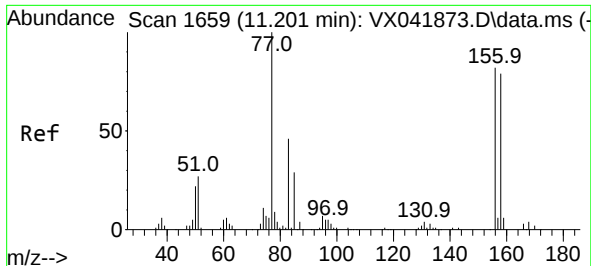
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#72
1,2,3-Trichloropropane
Concen: 18.990 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

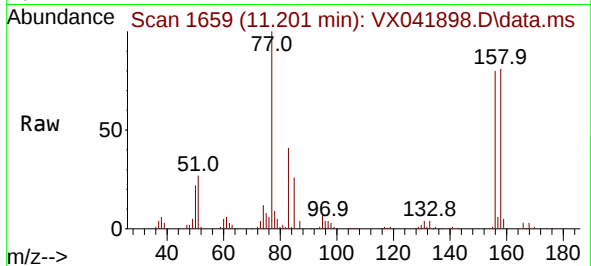
Tgt Ion: 75 Resp: 47618
Ion Ratio Lower Upper
75 100
77 44.0 0.0 79.6





#73
Bromobenzene
Concen: 19.482 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

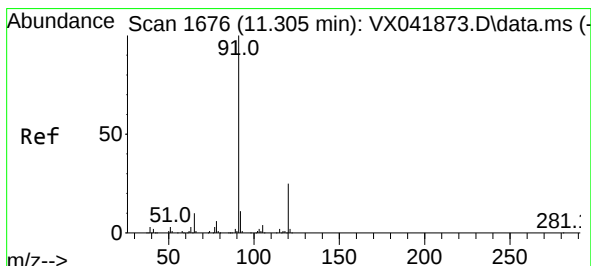
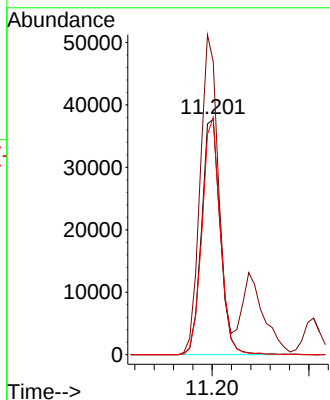
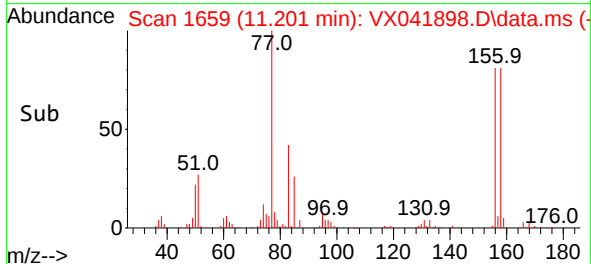
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



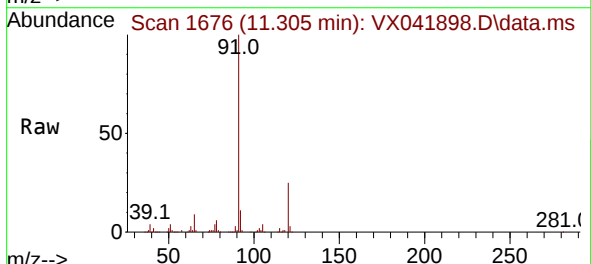
Tgt Ion:156 Resp: 50834
Ion Ratio Lower Upper
156 100
77 133.1 0.0 266.2
158 97.8 0.0 195.2

Manual Integrations
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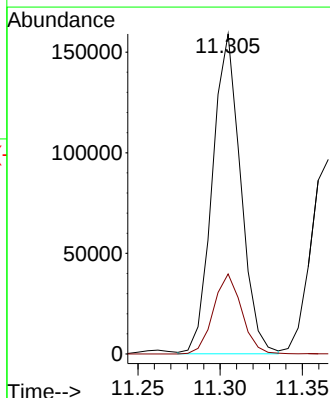
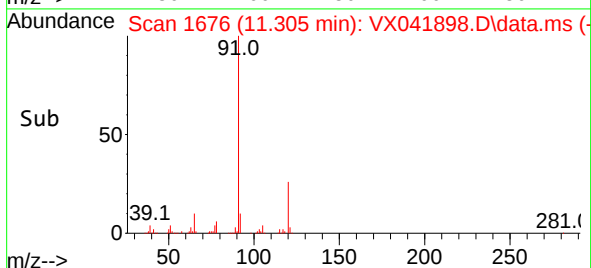
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

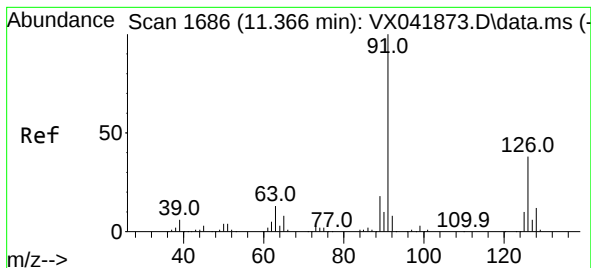


#74
n-propylbenzene
Concen: 19.365 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14



Tgt Ion: 91 Resp: 190297
Ion Ratio Lower Upper
91 100
120 24.9 0.0 49.6





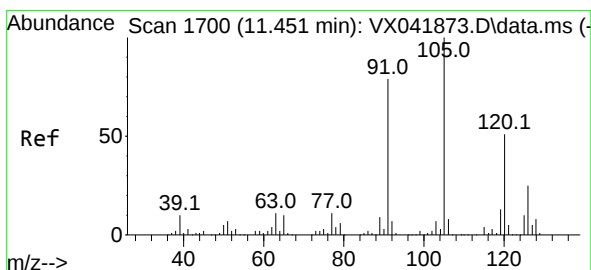
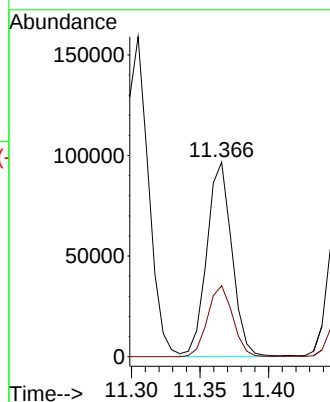
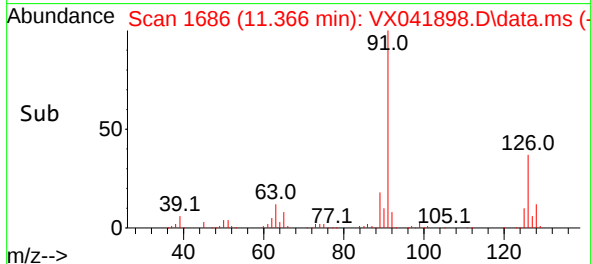
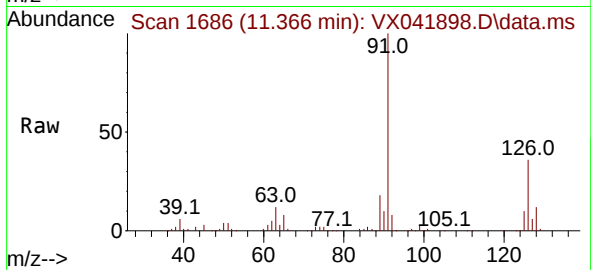
#75
2-Chlorotoluene
Concen: 19.696 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 122908
Ion Ratio Lower Upper
91 100
126 36.7 0.0 72.6

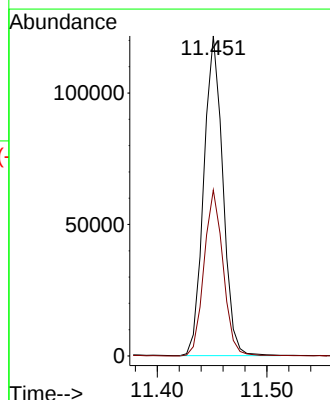
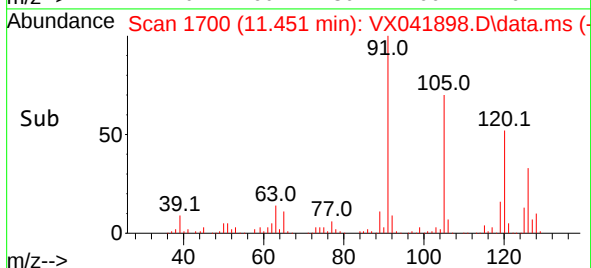
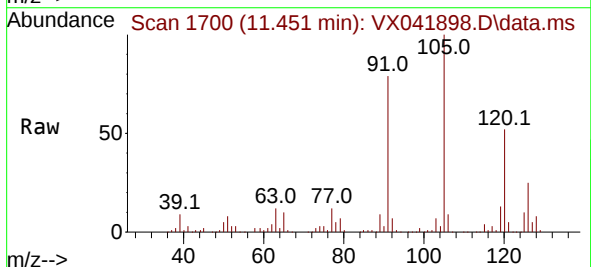
Manual Integrations
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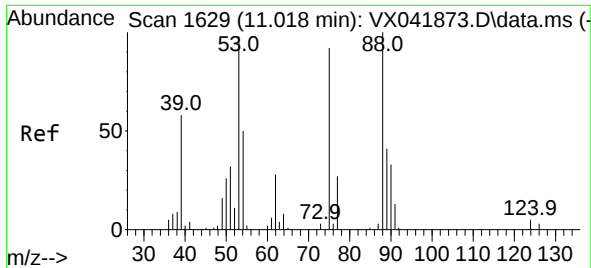
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.626 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

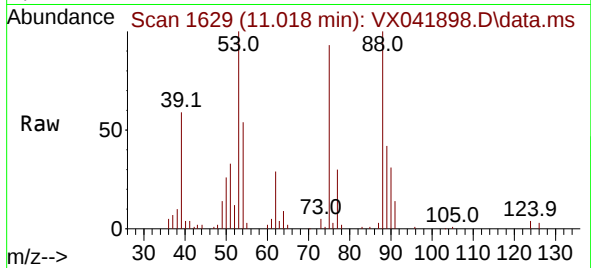
Tgt Ion:105 Resp: 147083
Ion Ratio Lower Upper
105 100
120 51.9 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 15.258 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

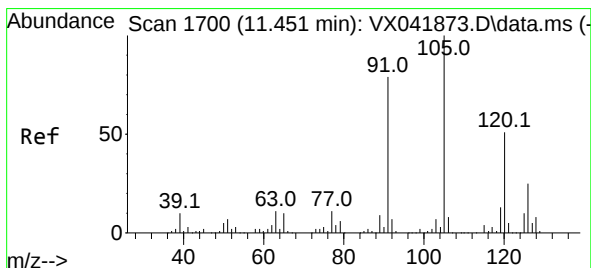
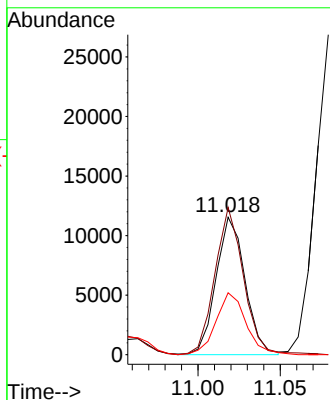
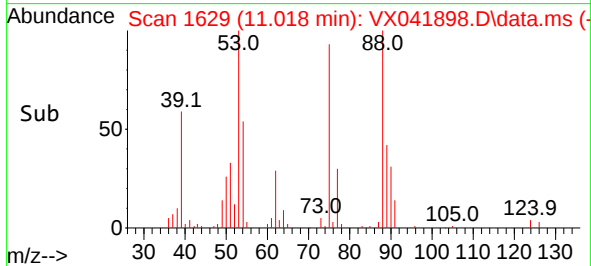
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 14154
Ion Ratio Lower Upper
75 100
53 107.7 53.4 160.2
89 45.3 22.5 67.5

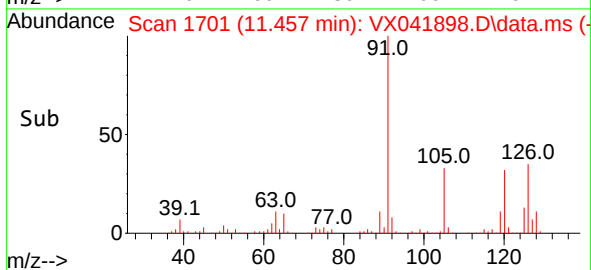
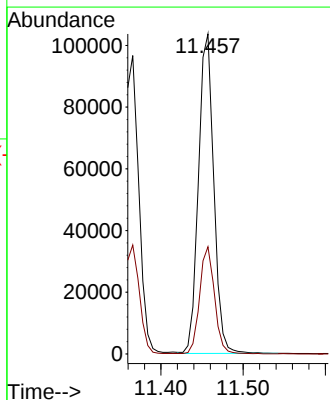
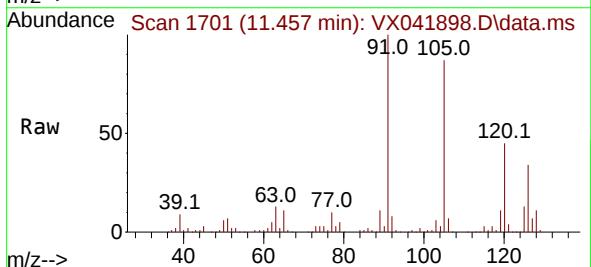
Manual Integrations
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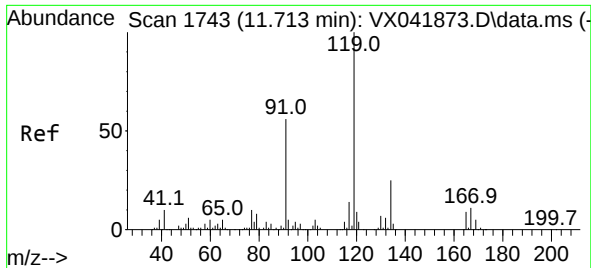
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#78
4-Chlorotoluene
Concen: 19.356 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

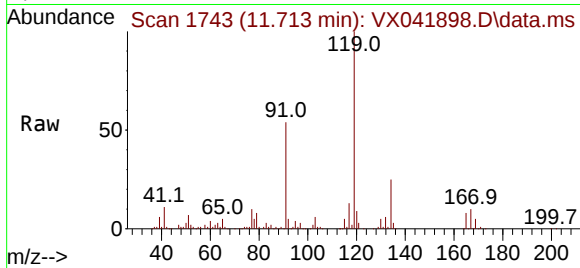
Tgt Ion: 91 Resp: 134173
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.8





#79
tert-butylbenzene
Concen: 19.615 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

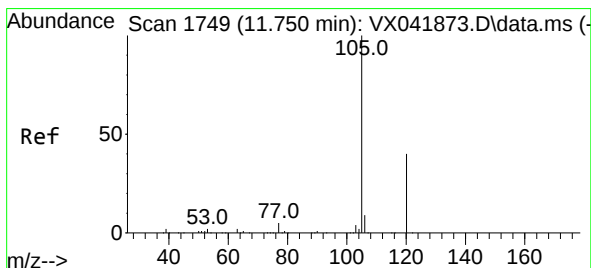
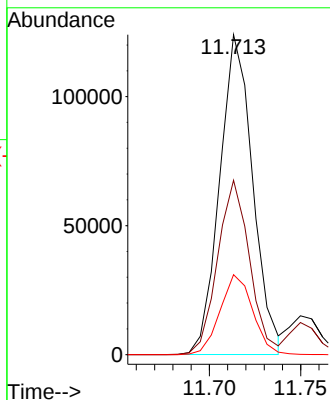
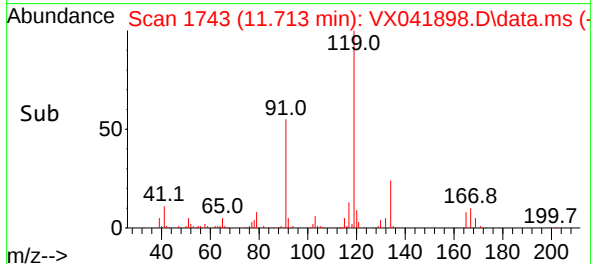
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 15604
Ion Ratio Lower Upper
119 100
91 52.8 0.0 106.0
134 24.8 0.0 49.4

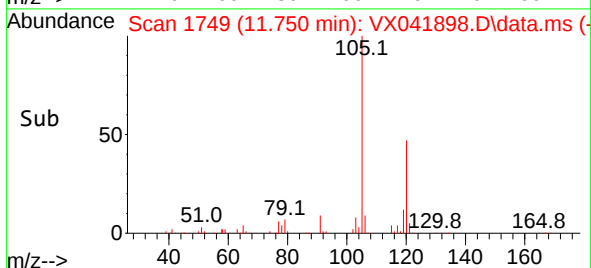
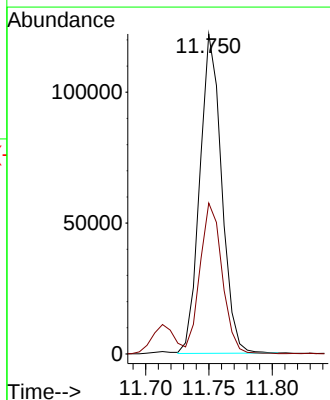
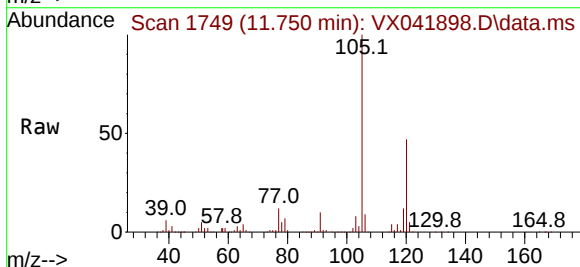
Manual Integrations
APPROVED

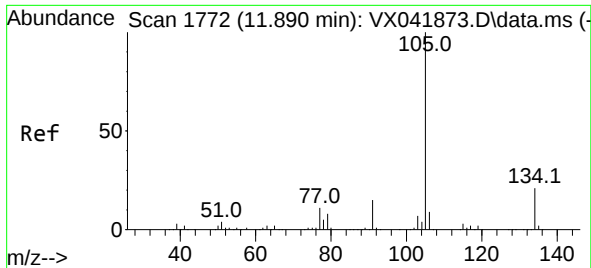
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.568 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

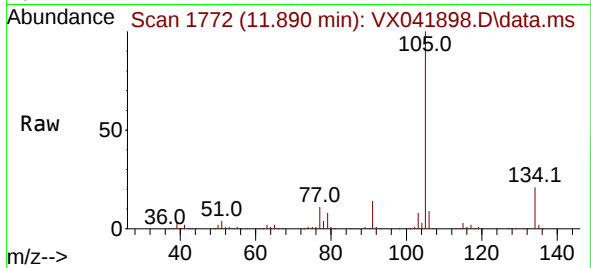
Tgt Ion:105 Resp: 146509
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.2





#81
sec-Butylbenzene
Concen: 19.415 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

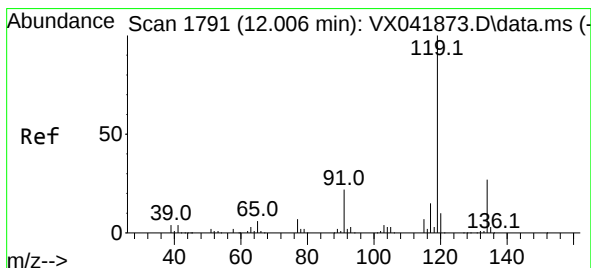
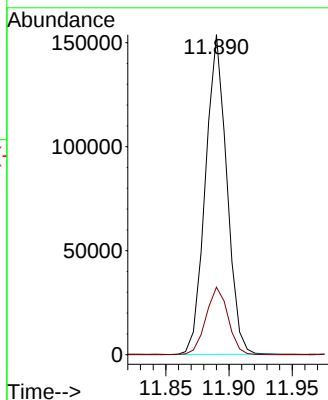
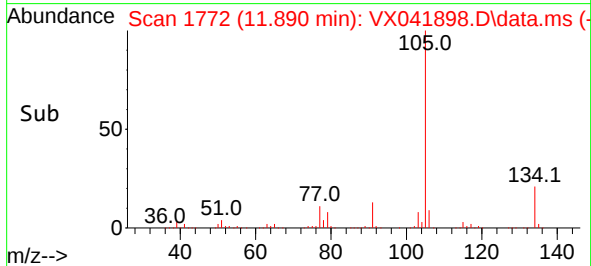
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



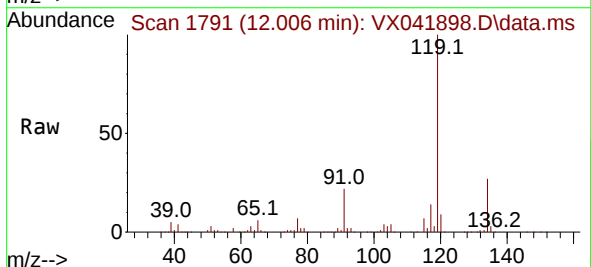
Tgt Ion:105 Resp: 180145
Ion Ratio Lower Upper
105 100
134 22.0 0.0 43.2

Manual Integrations
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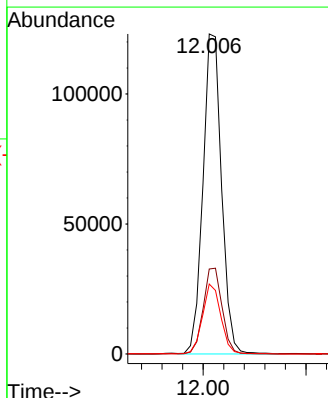
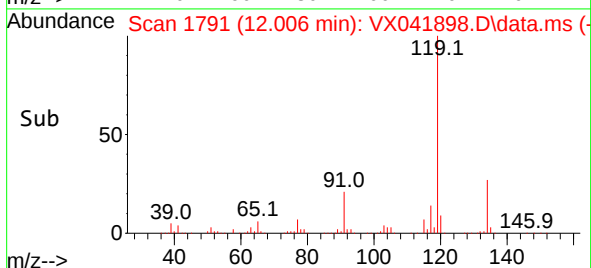
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

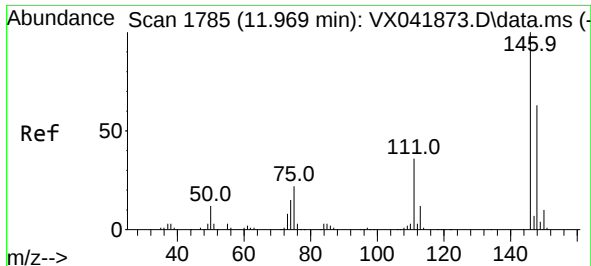


#82
p-Isopropyltoluene
Concen: 19.064 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14



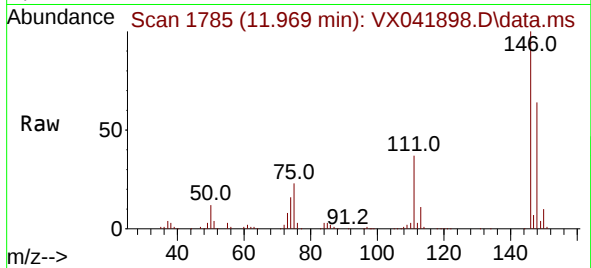
Tgt Ion:119 Resp: 155005
Ion Ratio Lower Upper
119 100
134 26.9 0.0 54.0
91 21.3 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 19.416 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

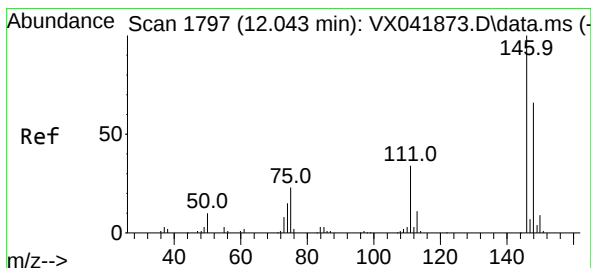
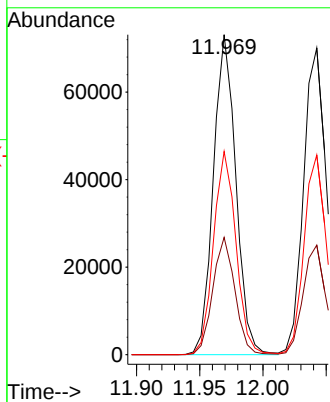
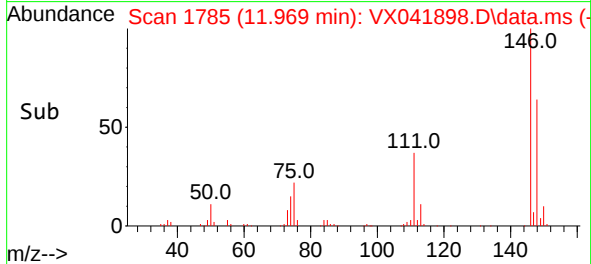
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



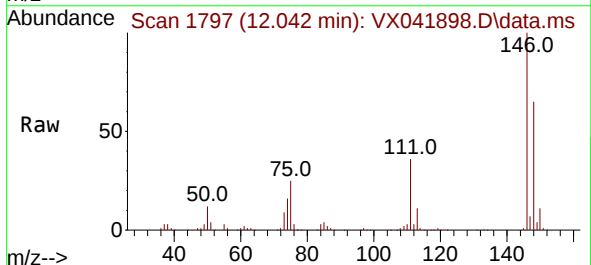
Tgt Ion:146 Resp: 90333
Ion Ratio Lower Upper
146 100
111 35.9 18.0 54.0
148 63.6 31.9 95.7

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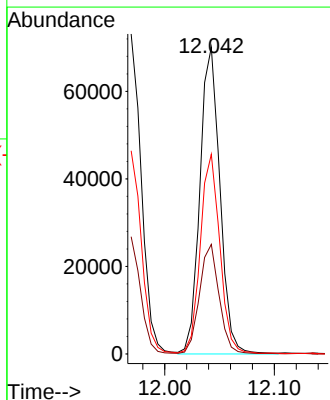
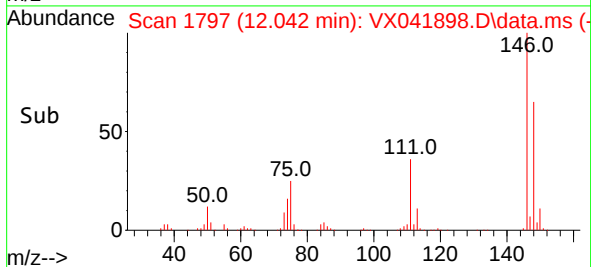
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024

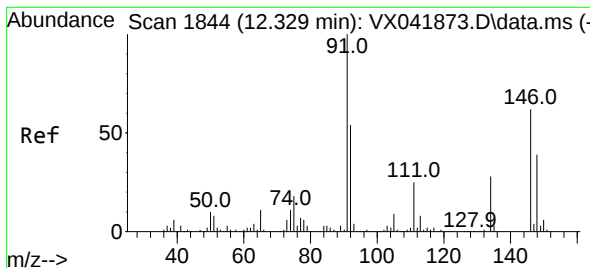


#84
1,4-Dichlorobenzene
Concen: 19.213 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14



Tgt Ion:146 Resp: 88976
Ion Ratio Lower Upper
146 100
111 35.0 17.4 52.3
148 63.6 32.3 96.9





#85

n-Butylbenzene

Concen: 17.898 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 91 Resp: 11253

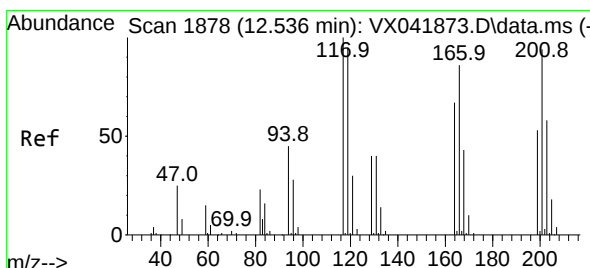
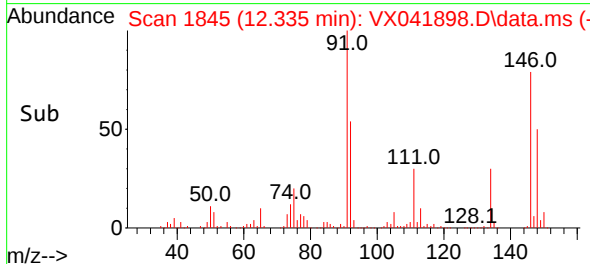
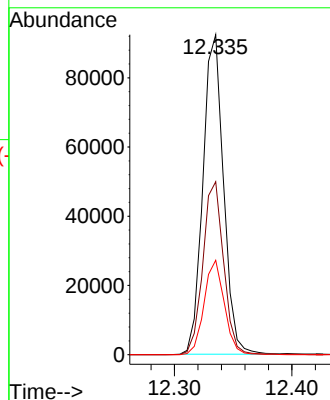
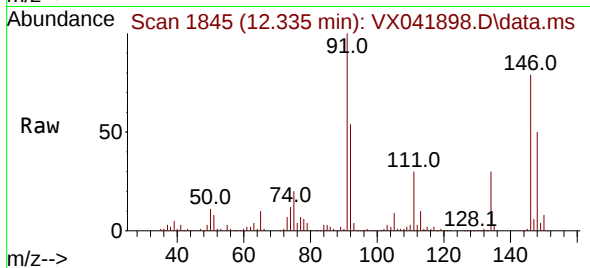
Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	109.8
134	29.0	0.0	58.4

Manual Integrations

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Reviewed By :John Carlone 06/17/2024

Supervised By :Mahesh Dadoda 06/17/2024



#86

Hexachloroethane

Concen: 18.853 ug/l

RT: 12.536 min Scan# 1878

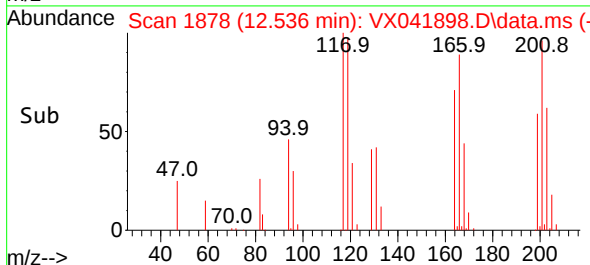
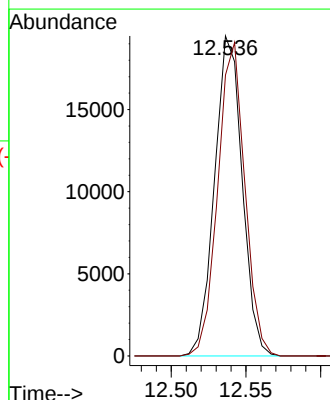
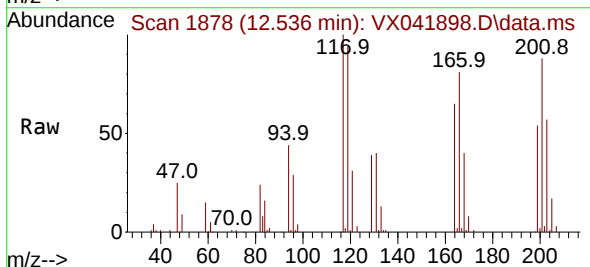
Delta R.T. -0.000 min

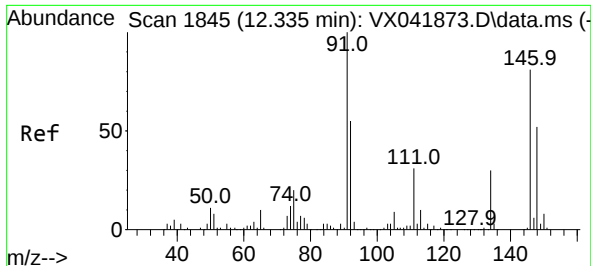
Lab File: VX041898.D

Acq: 14 Jun 2024 23:14

Tgt Ion:117 Resp: 25034

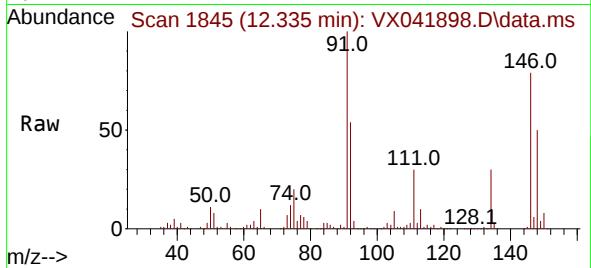
Ion	Ratio	Lower	Upper
117	100		
201	95.8	48.9	146.8





#87
1,2-Dichlorobenzene
Concen: 19.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

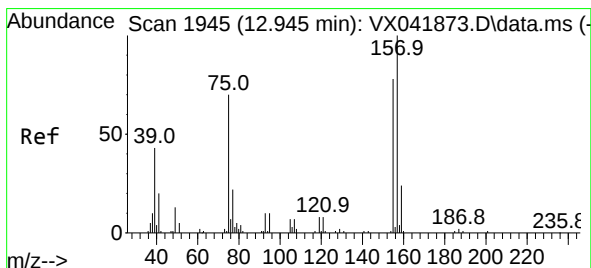
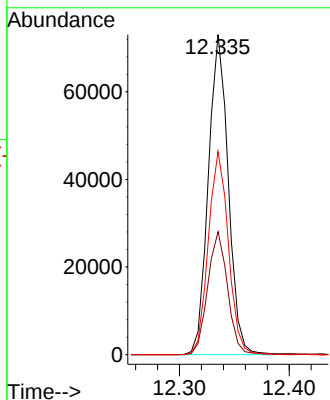
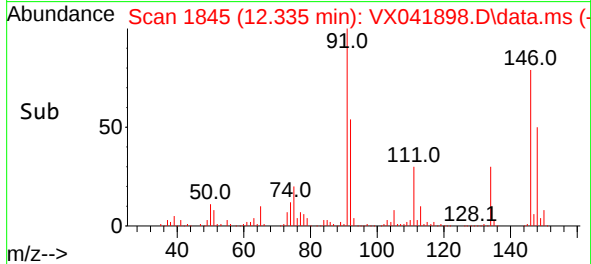
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 9228
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.3
148 64.0 32.4 97.0

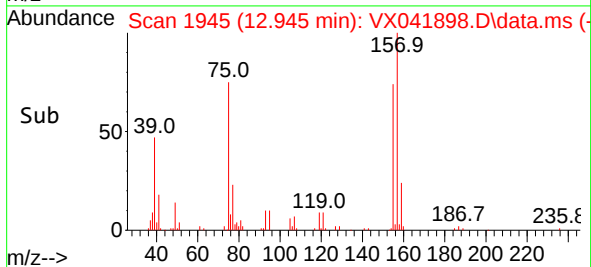
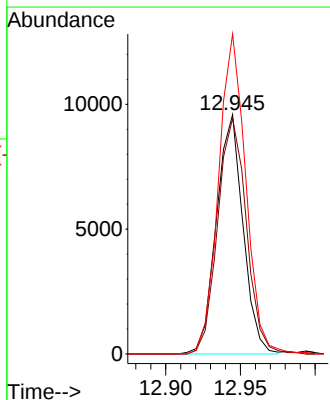
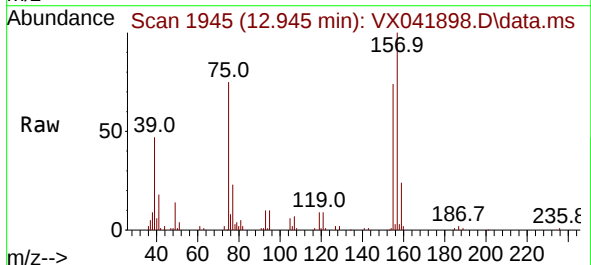
Manual Integrations
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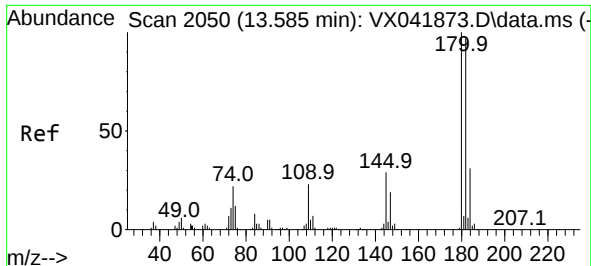
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.510 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Tgt Ion: 75 Resp: 11853
Ion Ratio Lower Upper
75 100
155 106.0 88.6 133.0
157 136.3 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 18.010 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

Instrument :

MSVOA_X

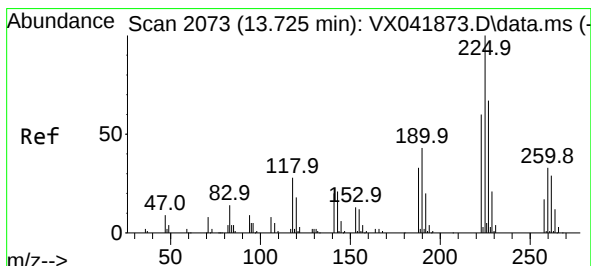
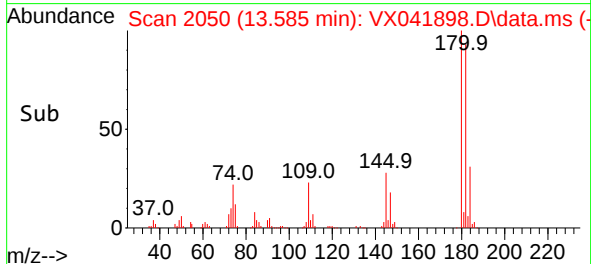
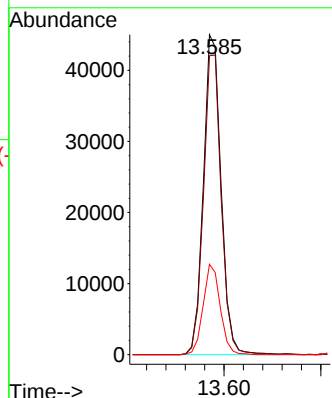
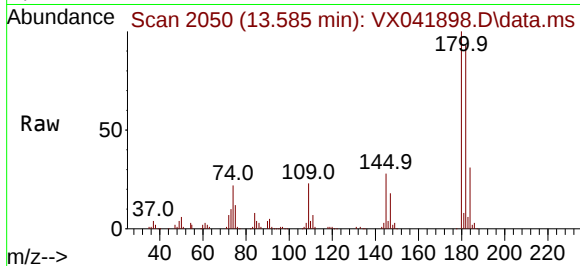
ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 5736
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 27.2 22.8 34.2

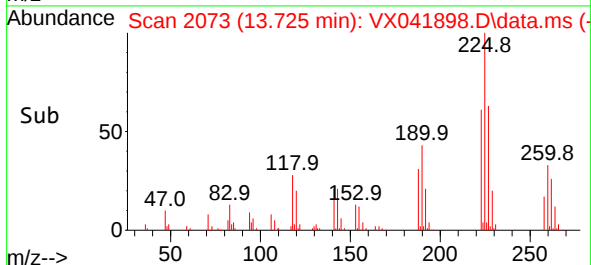
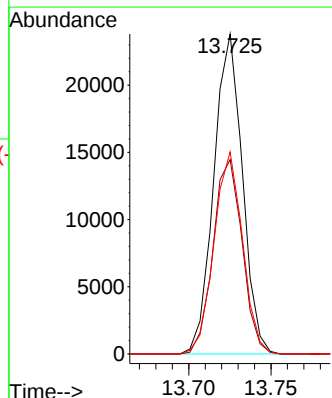
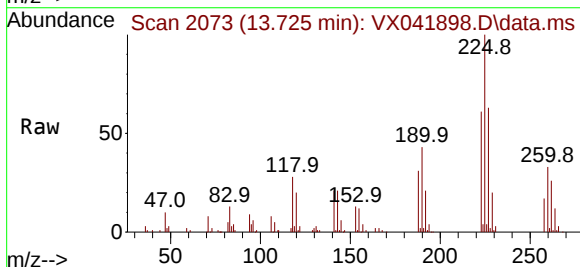
Manual Integrations
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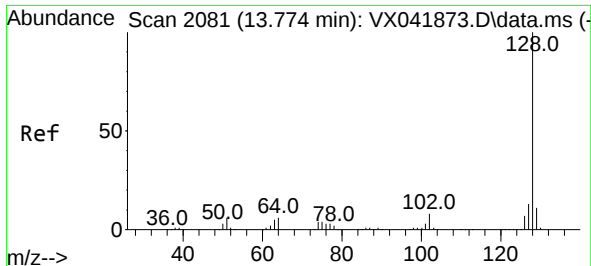
Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#90
Hexachlorobutadiene
Concen: 18.337 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

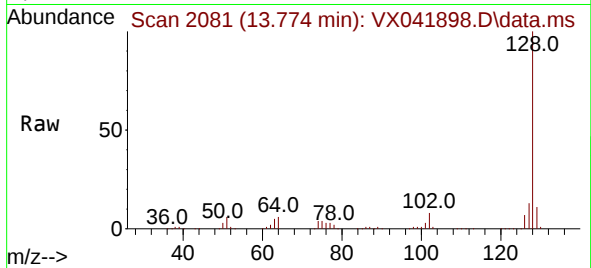
Tgt Ion:225 Resp: 28779
Ion Ratio Lower Upper
225 100
223 61.8 0.0 120.8
227 63.0 0.0 126.6





#91
Naphthalene
Concen: 18.956 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14

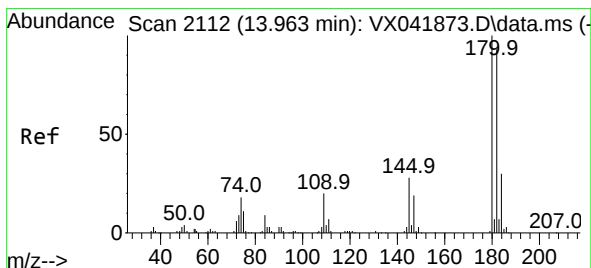
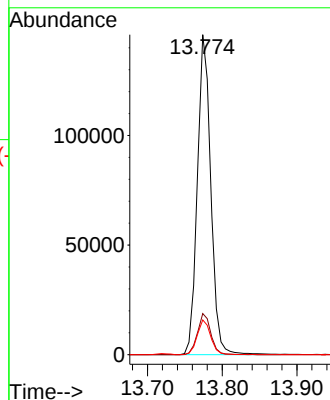
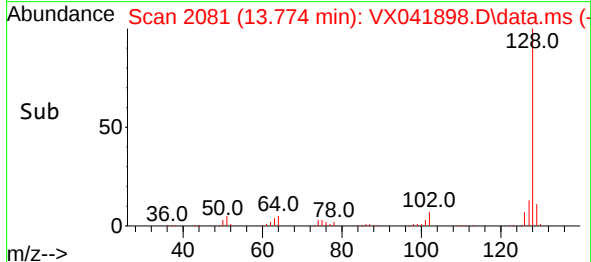
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



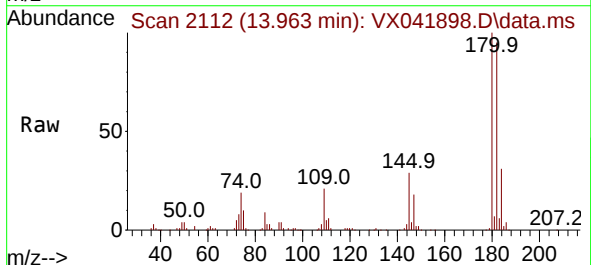
Tgt Ion:128 Resp: 182428
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2024
Supervised By :Mahesh Dadoda 06/17/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.800 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041898.D
Acq: 14 Jun 2024 23:14



Tgt Ion:180 Resp: 62013
Ion Ratio Lower Upper
180 100
182 94.9 0.0 187.8
145 29.0 0.0 58.4

