

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044395.D
 Acq On : 18 Dec 2024 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 00:53:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	128806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92192	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	102044	45.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	5.379	113	78617	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	258060	47.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	87444	46.251	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	101127	50.775	ug/l	97
3) Chloromethane	1.295	50	103746	54.472	ug/l	98
4) Vinyl Chloride	1.374	62	103445	52.134	ug/l	98
5) Bromomethane	1.593	94	67793	48.160	ug/l	98
6) Chloroethane	1.660	64	71772	58.090	ug/l	99
7) Trichlorofluoromethane	1.868	101	159151	40.971	ug/l	99
8) Diethyl Ether	2.136	74	61981	46.745	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	74293	47.265	ug/l	97
10) Methyl Iodide	2.441	142	110675	53.424	ug/l	98
11) Tert butyl alcohol	2.995	59	61810	194.195	ug/l	98
12) 1,1-Dichloroethene	2.307	96	74624	51.687	ug/l	97
13) Acrolein	2.233	56	131600	285.631	ug/l	99
14) Allyl chloride	2.654	41	122245	50.834	ug/l	99
15) Acrylonitrile	3.069	53	227490	258.021	ug/l	99
16) Acetone	2.386	43	197278	214.267	ug/l	95
17) Carbon Disulfide	2.502	76	136022	49.563	ug/l	99
18) Methyl Acetate	2.709	43	117496	49.494	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	278770	49.479	ug/l	98
20) Methylene Chloride	2.782	84	89530	51.772	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	77722	50.653	ug/l	97
22) Diisopropyl ether	3.764	45	268559	49.594	ug/l	97
23) Vinyl Acetate	3.721	43	1185904	269.370	ug/l	99
24) 1,1-Dichloroethane	3.605	63	154722	51.258	ug/l	98
25) 2-Butanone	4.562	43	319886	244.389	ug/l	99
26) 2,2-Dichloropropane	4.465	77	103750	42.309	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	98262	50.424	ug/l	95
28) Bromochloromethane	4.898	49	72263	48.821	ug/l	98
29) Tetrahydrofuran	5.007	42	206531	245.825	ug/l	99
30) Chloroform	5.087	83	165359	48.758	ug/l	98
31) Cyclohexane	5.458	56	112724	46.246	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	136491	48.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	98106	47.323	ug/l	98
37) Ethyl Acetate	4.715	43	129759	50.635	ug/l	100
38) Carbon Tetrachloride	5.672	117	107841	48.318	ug/l	99
39) Methylcyclohexane	7.373	83	122156	49.289	ug/l	97
40) Benzene	6.032	78	323543	51.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	67557	49.647	ug/l	98
42) 1,2-Dichloroethane	6.086	62	128355	49.504	ug/l	96
43) Isopropyl Acetate	6.342	43	203040	50.693	ug/l	99
44) Trichloroethene	7.123	130	80410	51.229	ug/l	96
45) 1,2-Dichloropropane	7.428	63	80917	50.319	ug/l	99
46) Dibromomethane	7.580	93	64847	51.979	ug/l	95
47) Bromodichloromethane	7.818	83	114945	53.349	ug/l	99
48) Methyl methacrylate	7.696	41	95430	49.082	ug/l	97
49) 1,4-Dioxane	7.665	88	27544	854.459	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	646548	251.054	ug/l	98
52) Toluene	8.714	92	192849	48.790	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108831	47.246	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	121772	51.907	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	83289	53.041	ug/l	96
56) Ethyl methacrylate	9.116	69	128375	51.786	ug/l	97
57) 1,3-Dichloropropane	9.305	76	139034	50.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	316405	253.061	ug/l	100
59) 2-Hexanone	9.433	43	474334	254.459	ug/l	99
60) Dibromochloromethane	9.519	129	80110	48.292	ug/l	97
61) 1,2-Dibromoethane	9.610	107	83651	52.335	ug/l	98
64) Tetrachloroethene	9.269	164	65080	49.442	ug/l	99
65) Chlorobenzene	10.080	112	212528	50.011	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72780	53.289	ug/l	98
67) Ethyl Benzene	10.189	91	358882	48.877	ug/l	97
68) m/p-Xylenes	10.299	106	272625	101.186	ug/l	96
69) o-Xylene	10.640	106	137600	50.475	ug/l	94
70) Styrene	10.653	104	227233	51.996	ug/l	96
71) Bromoform	10.799	173	47848	50.123	ug/l #	99
73) Isopropylbenzene	10.964	105	341494	48.386	ug/l	100
74) N-amyl acetate	10.842	43	167806	51.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125333	51.128	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99482m	48.329	ug/l	
77) Bromobenzene	11.195	156	86623	50.614	ug/l	97
78) n-propylbenzene	11.305	91	382775	49.070	ug/l	98
79) 2-Chlorotoluene	11.366	91	238254	47.227	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283243	48.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31620	44.685	ug/l	98
82) 4-Chlorotoluene	11.451	91	264905	47.419	ug/l	98
83) tert-Butylbenzene	11.713	119	282938	48.916	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	287742	50.060	ug/l	99
85) sec-Butylbenzene	11.890	105	339068	48.287	ug/l	98
86) p-Isopropyltoluene	12.006	119	284281	48.641	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148170	49.564	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	148965	48.473	ug/l	98
89) n-Butylbenzene	12.329	91	239841	48.803	ug/l	99
90) Hexachloroethane	12.536	117	42721	50.075	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	154736	49.849	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23089	48.520	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	85945	50.503	ug/l	99
94) Hexachlorobutadiene	13.725	225	34008	49.682	ug/l	98
95) Naphthalene	13.774	128	324880	48.907	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90839	50.326	ug/l	97

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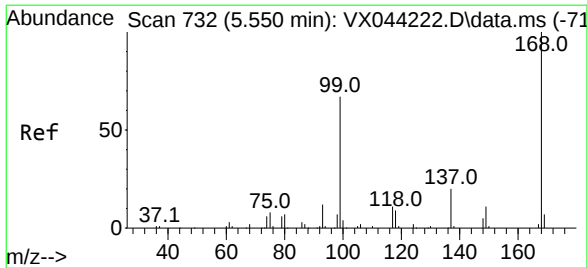
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 00:53:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

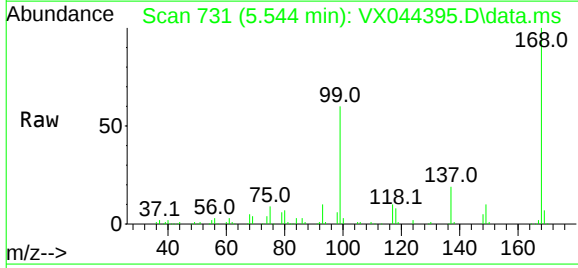
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

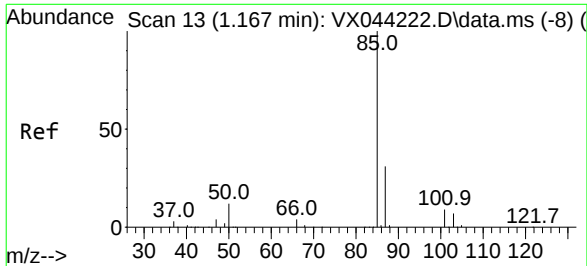
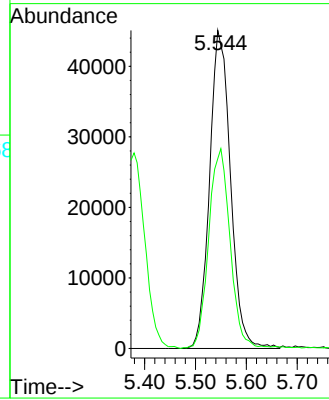
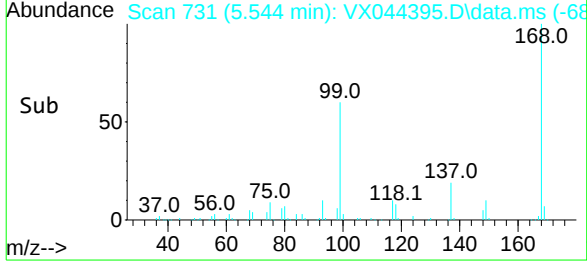
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



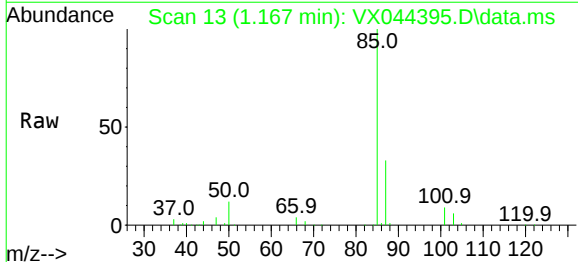
Tgt Ion: 168 Resp: 128806
Ion Ratio Lower Upper
168 100
99 59.7 53.4 80.0

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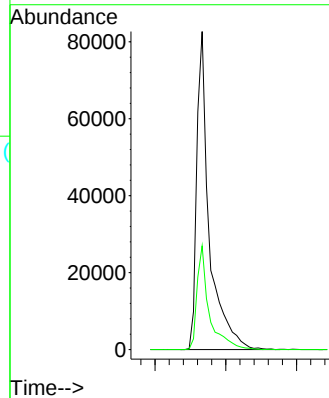
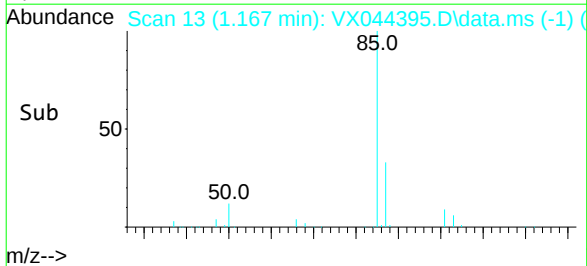
Reviewed By : John Carlone 12/20/2024
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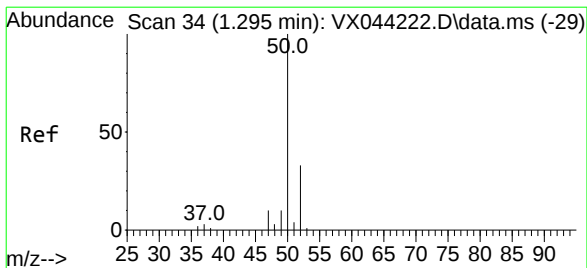


#2
Dichlorodifluoromethane
Concen: 50.775 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion: 85 Resp: 101127
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4





#3

Chloromethane

Concen: 54.472 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 103746

Ion Ratio Lower Upper

50 100

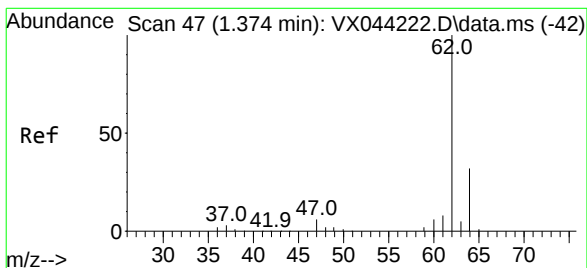
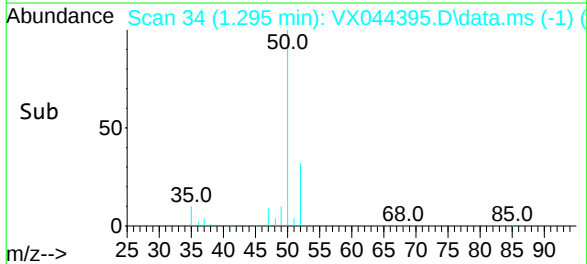
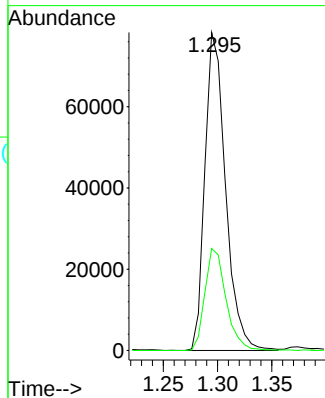
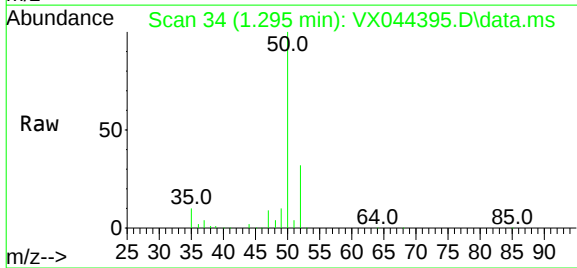
52 32.1 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2024



#4

Vinyl Chloride

Concen: 52.134 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044395.D

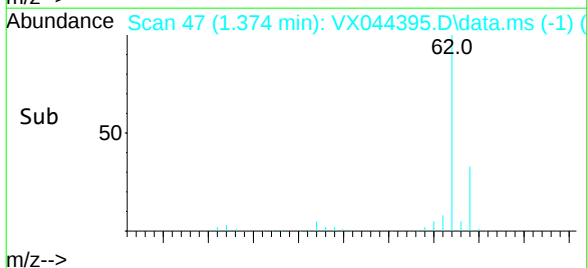
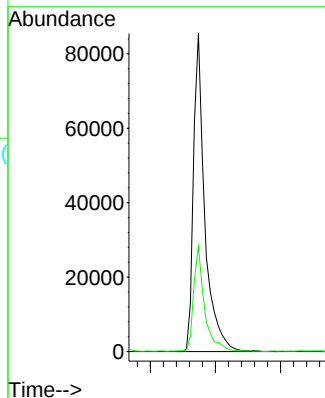
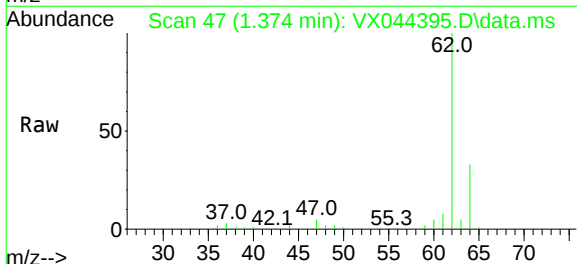
Acq: 18 Dec 2024 19:52

Tgt Ion: 62 Resp: 103445

Ion Ratio Lower Upper

62 100

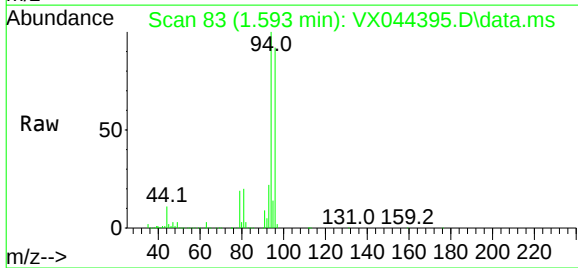
64 33.0 25.7 38.5





#5
Bromomethane
Concen: 48.160 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

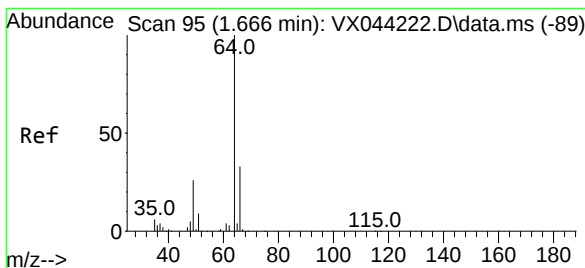
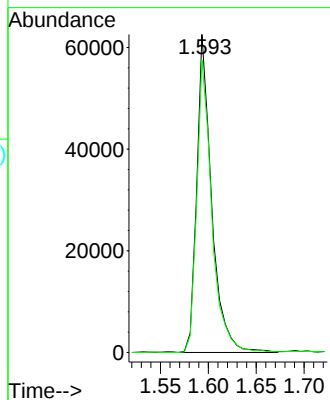
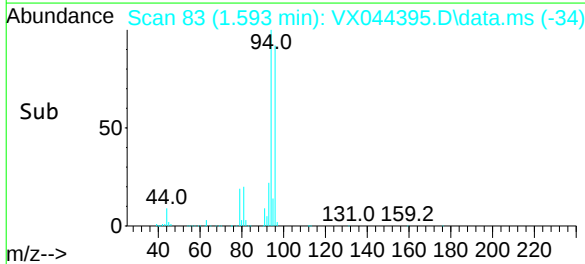
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 67793
Ion Ratio Lower Upper
94 100
96 92.0 74.9 112.3

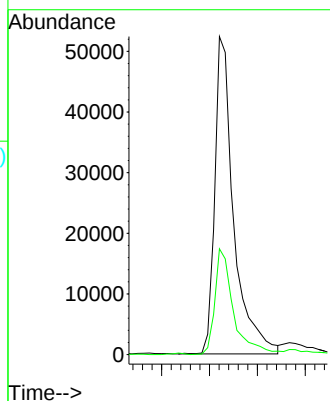
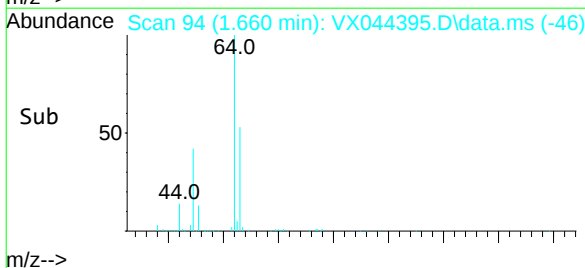
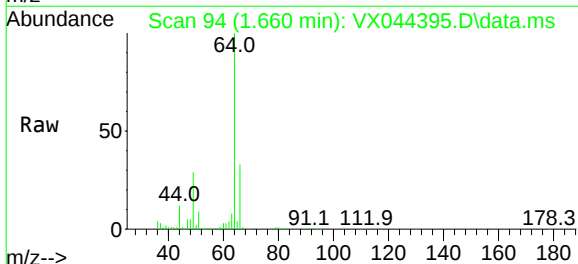
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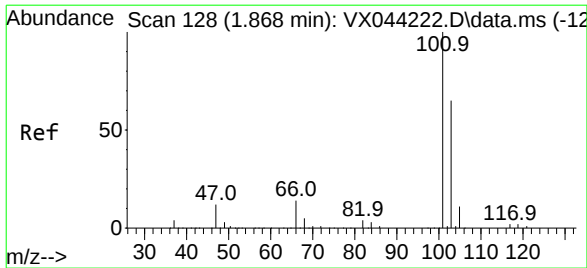
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Chloroethane
Concen: 58.090 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

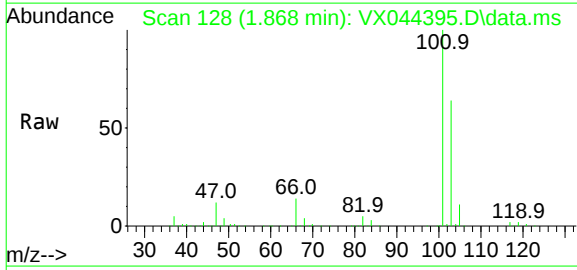
Tgt Ion: 64 Resp: 71772
Ion Ratio Lower Upper
64 100
66 32.8 26.6 39.8





#7
Trichlorofluoromethane
Concen: 40.971 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

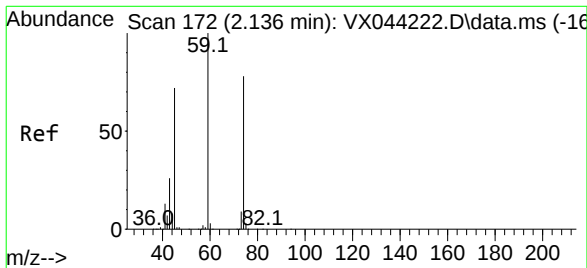
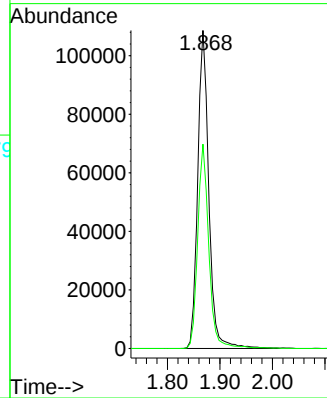
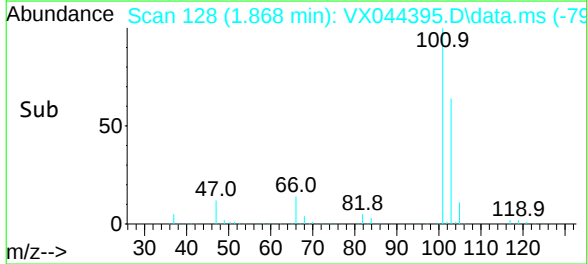
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 159151
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

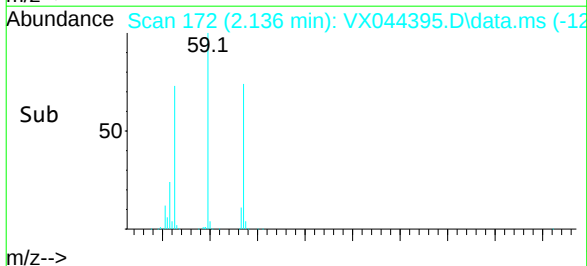
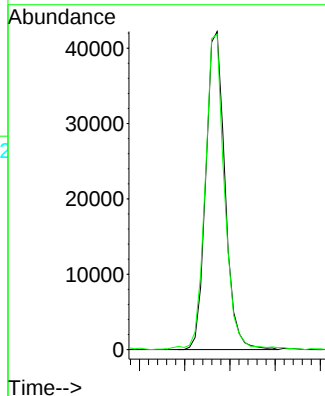
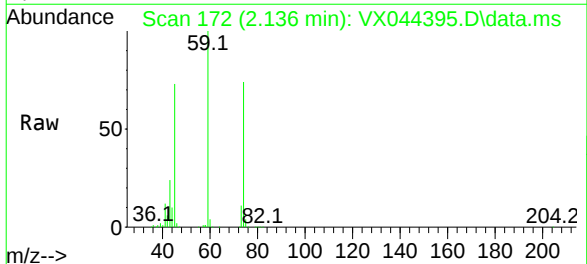
Manual Integrations
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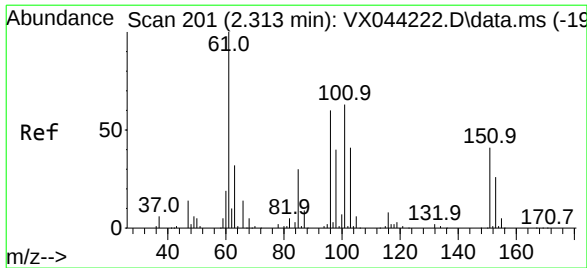
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Diethyl Ether
Concen: 46.745 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX044395.D
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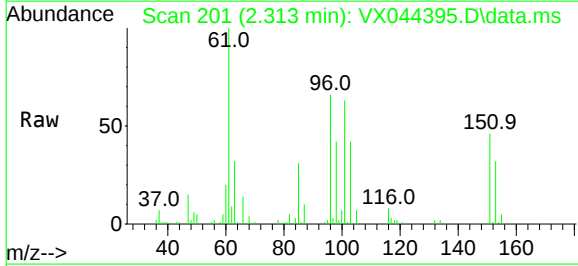
Tgt Ion: 74 Resp: 61981
Ion Ratio Lower Upper
74 100
45 100.6 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.265 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044395.D
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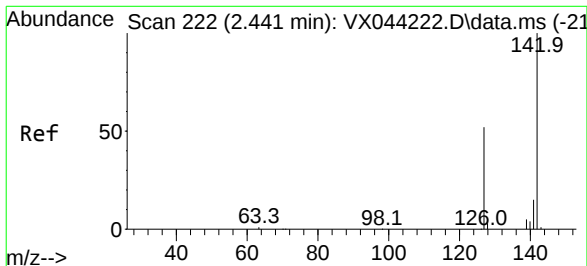
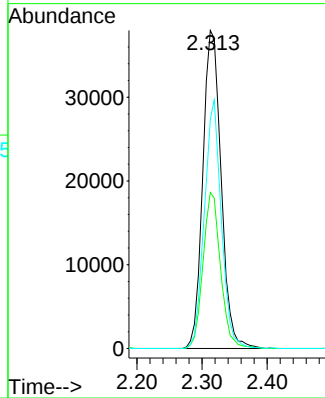
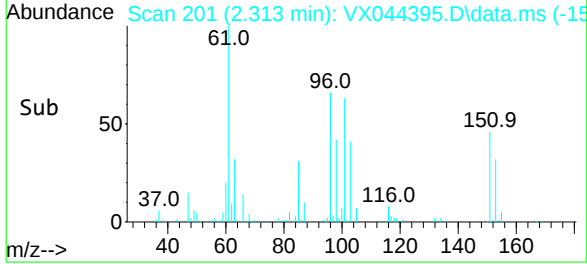
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 74293
Ion Ratio Lower Upper
101 100
85 47.0 38.5 57.7
151 72.5 55.8 83.6

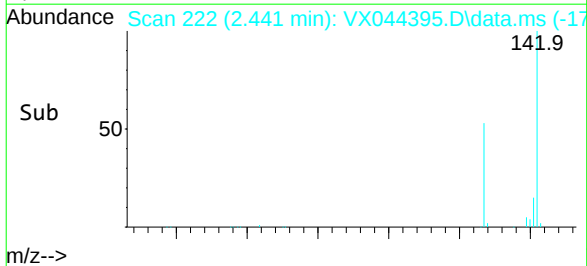
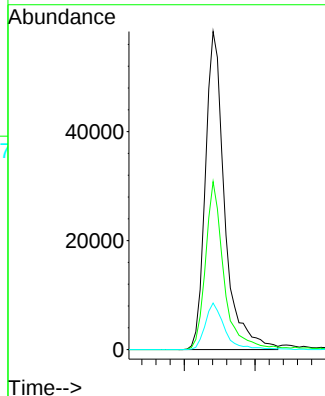
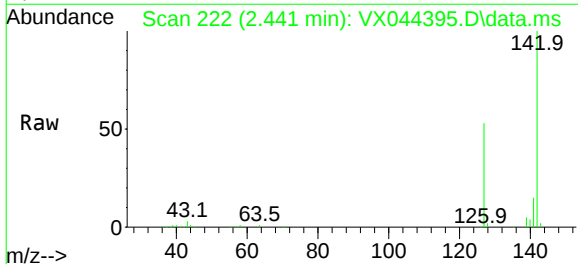
Manual Integrations
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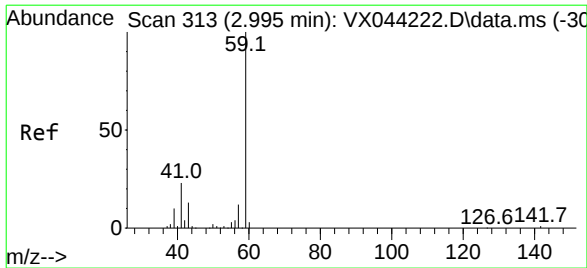
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 53.424 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:142 Resp: 110675
Ion Ratio Lower Upper
142 100
127 50.4 41.8 62.8
141 14.8 11.5 17.3





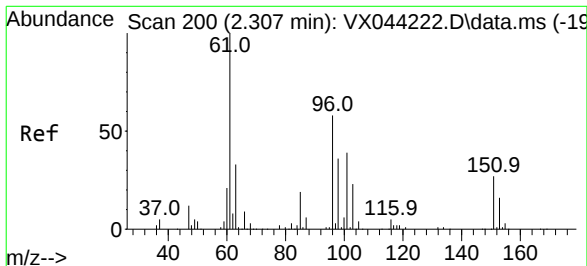
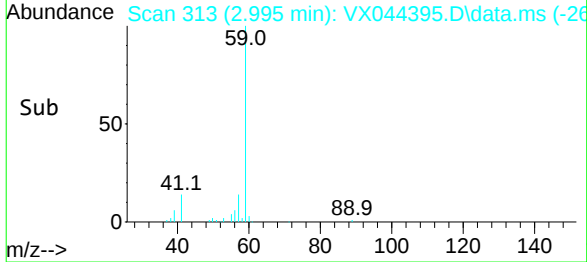
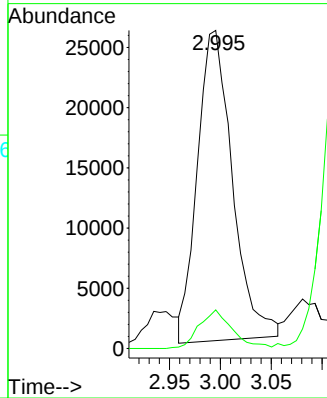
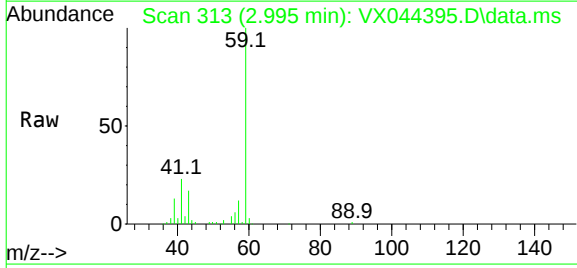
#11
Tert butyl alcohol
Concen: 194.195 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 61810
Ion Ratio Lower Upper
59 100
57 11.8 8.8 13.2

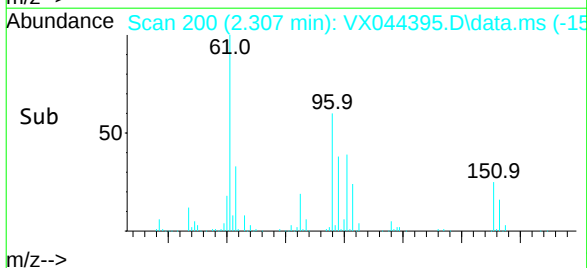
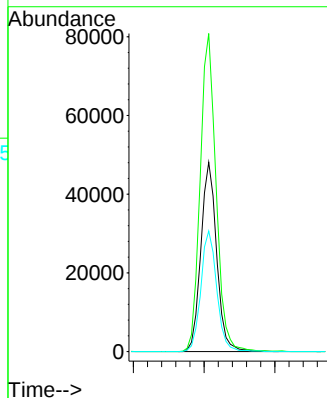
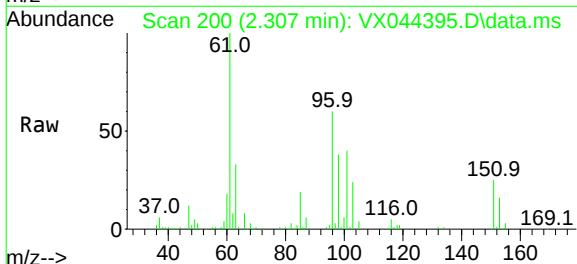
Manual Integrations
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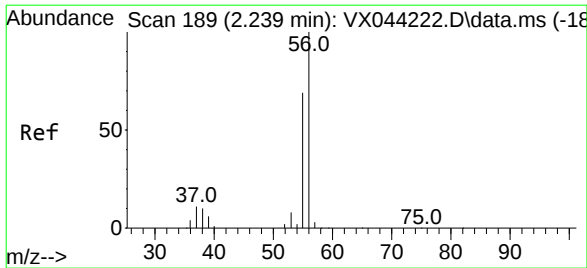
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 51.687 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 96 Resp: 74624
Ion Ratio Lower Upper
96 100
61 168.0 138.0 207.0
98 63.7 50.0 75.0





#13

Acrolein

Concen: 285.631 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 131600

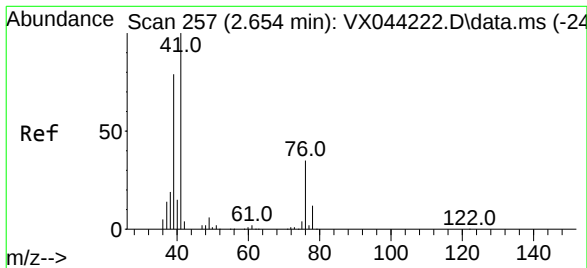
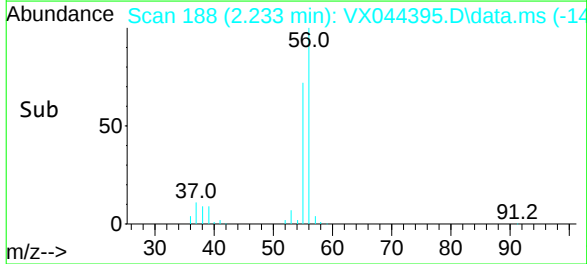
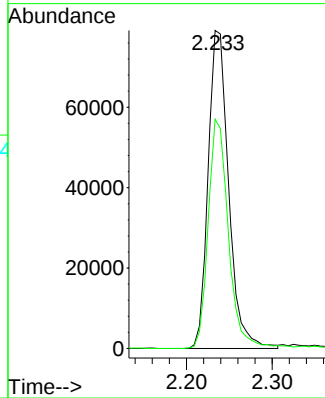
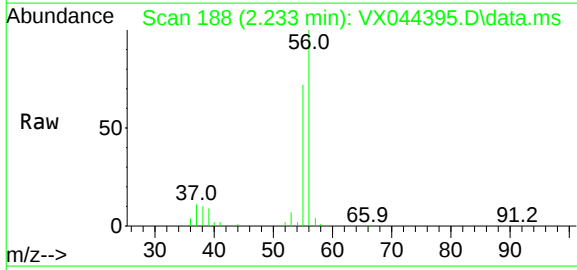
Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.6	84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#14

Allyl chloride

Concen: 50.834 ug/l

RT: 2.654 min Scan# 257

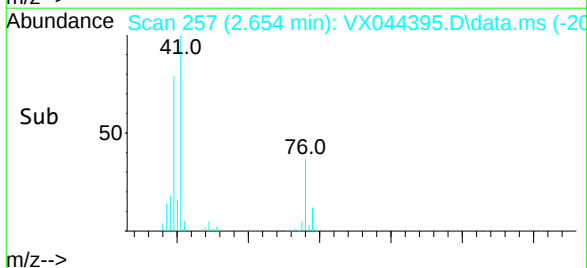
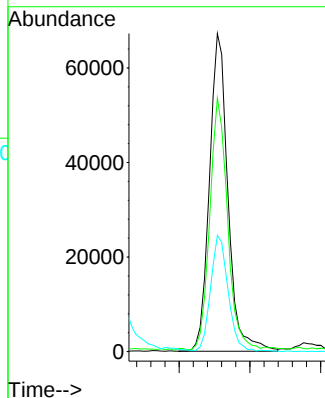
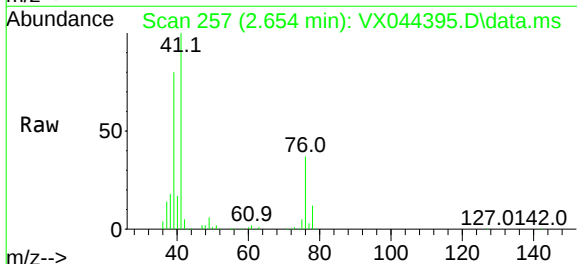
Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion: 41 Resp: 122245

Ion	Ratio	Lower	Upper
41	100		
39	76.1	61.9	92.9
76	34.9	27.4	41.2





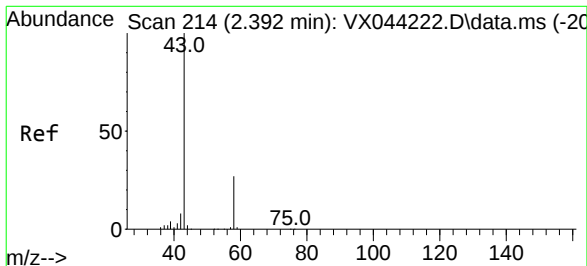
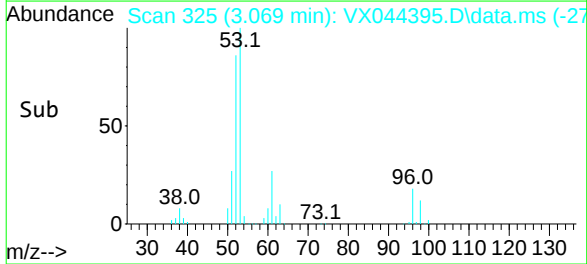
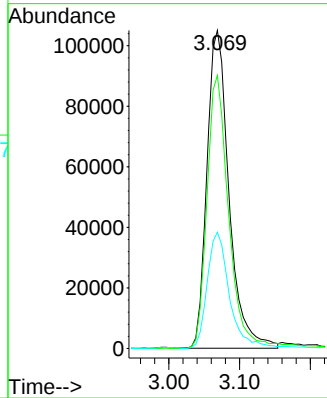
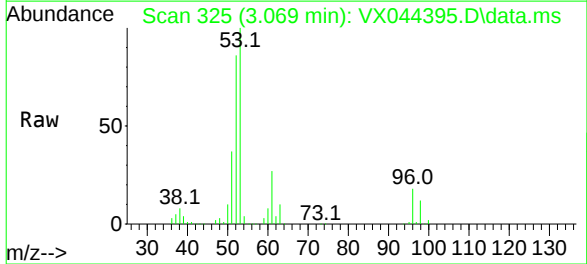
#15
Acrylonitrile
Concen: 258.021 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 227496
Ion Ratio Lower Upper
53 100
52 86.0 67.4 101.0
51 37.7 30.3 45.5

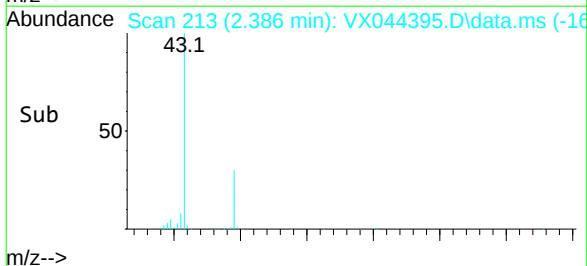
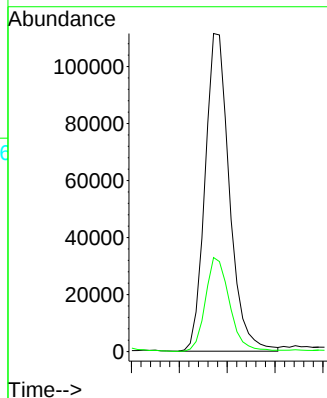
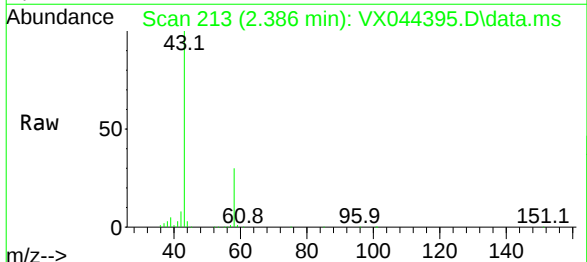
Manual Integrations
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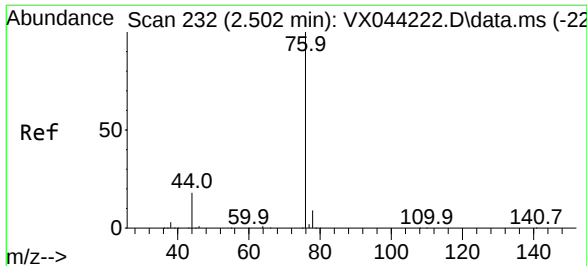
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 214.267 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 197278
Ion Ratio Lower Upper
43 100
58 29.5 21.6 32.4





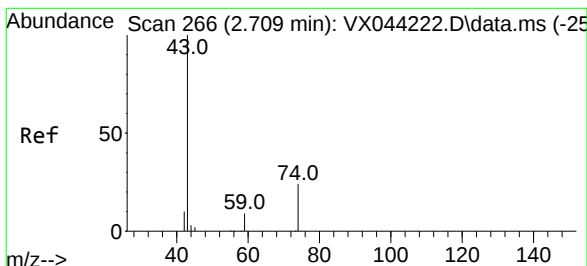
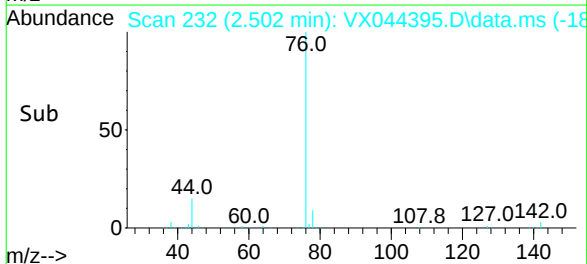
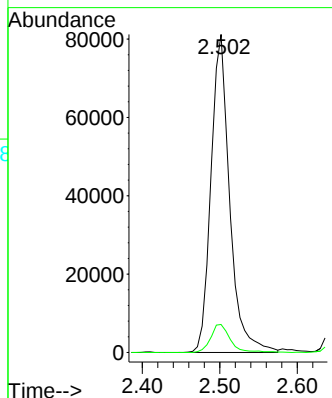
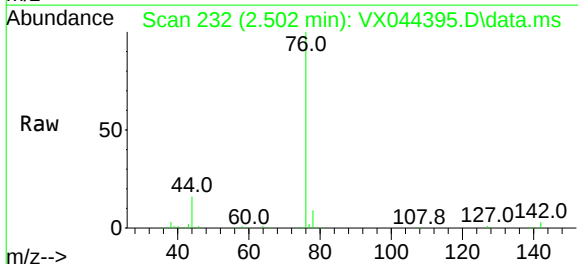
#17
Carbon Disulfide
Concen: 49.563 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 136022
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

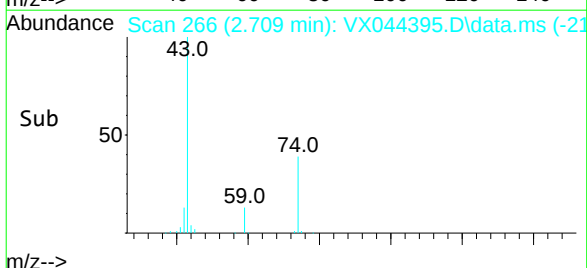
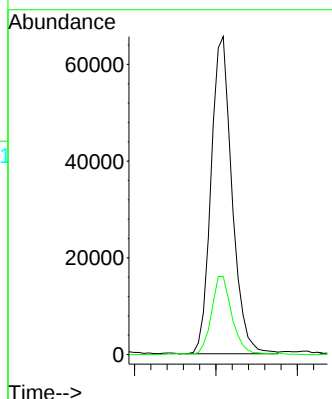
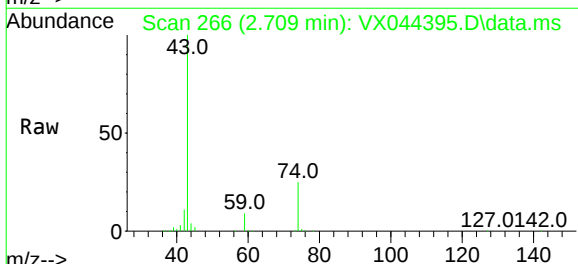
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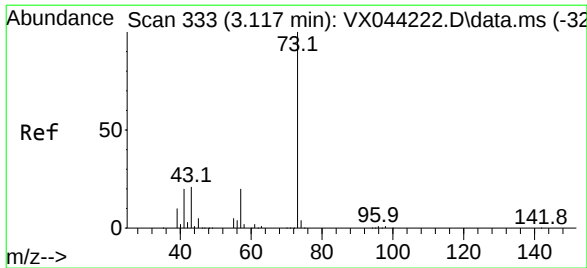
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 49.494 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 117496
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





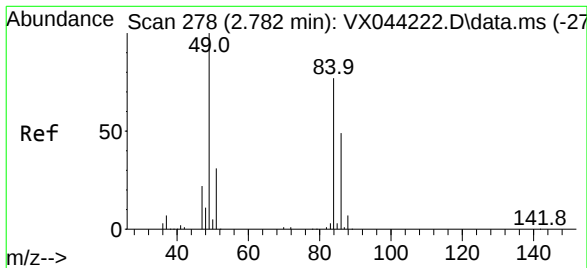
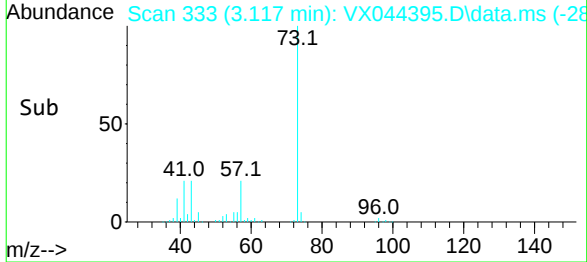
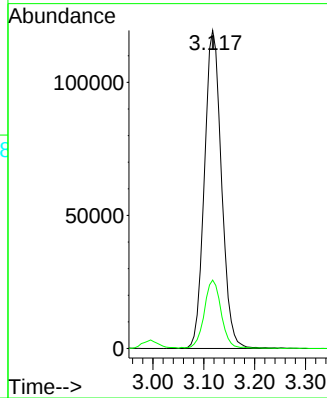
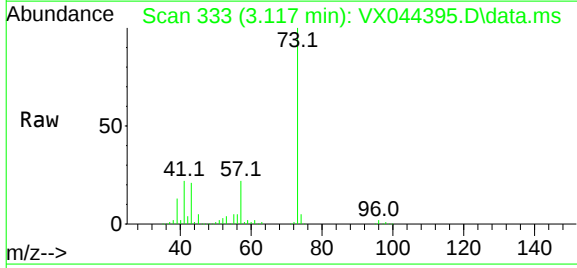
#19
Methyl tert-butyl Ether
Concen: 49.479 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 278770
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.4

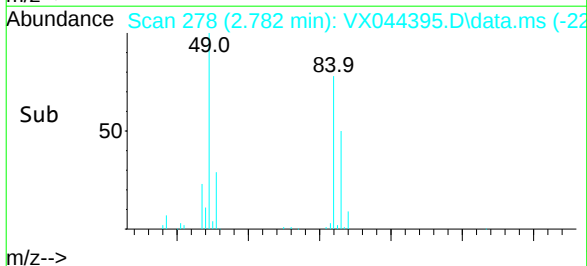
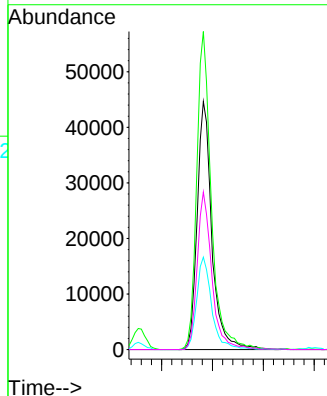
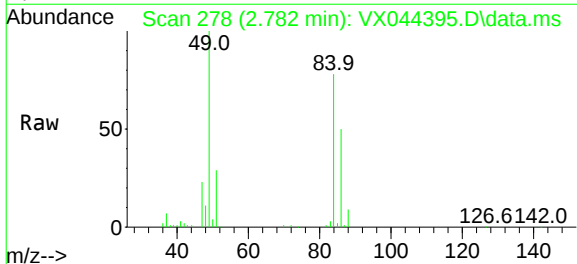
Manual Integrations
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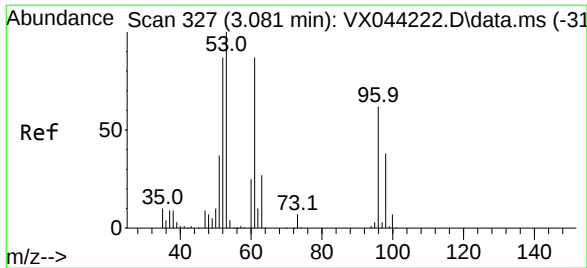
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 51.772 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

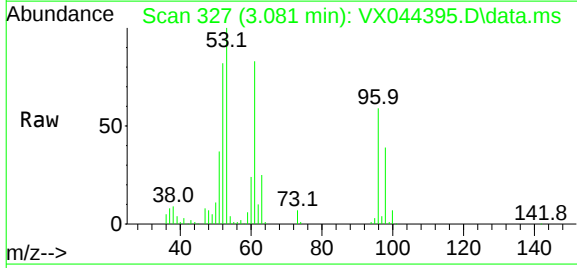
Tgt Ion: 84 Resp: 89530
Ion Ratio Lower Upper
84 100
49 128.2 104.2 156.4
51 37.2 32.2 48.4
86 63.5 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 50.653 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

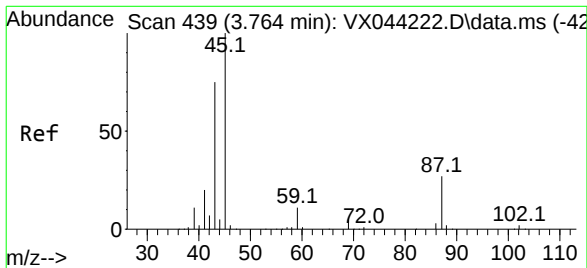
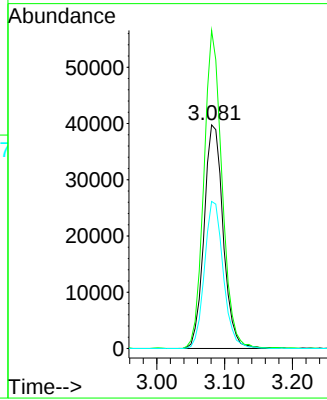
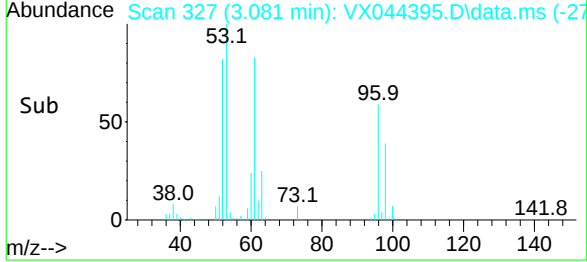
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



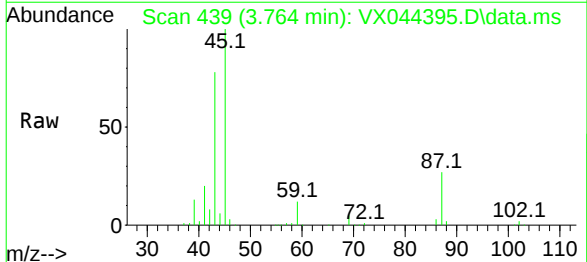
Tgt Ion: 96 Resp: 77722
Ion Ratio Lower Upper
96 100
61 142.2 112.0 168.0
98 65.8 48.8 73.2

Manual Integrations
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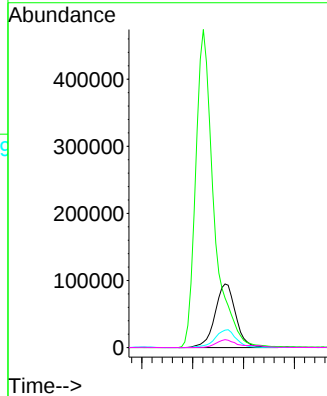
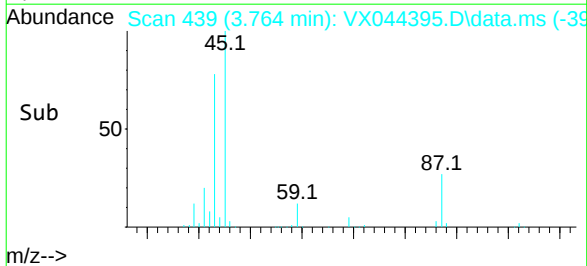
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

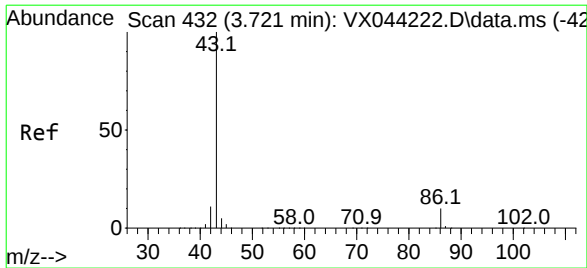


#22
Diisopropyl ether
Concen: 49.594 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion: 45 Resp: 268559
Ion Ratio Lower Upper
45 100
43 77.8 60.2 90.2
87 27.4 21.2 31.8
59 12.5 8.9 13.3





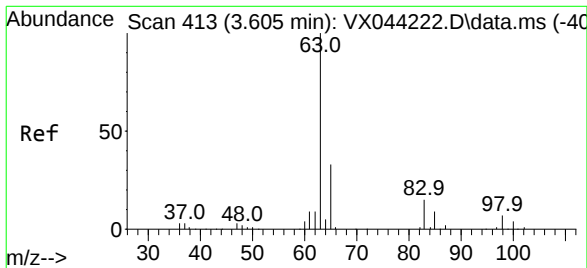
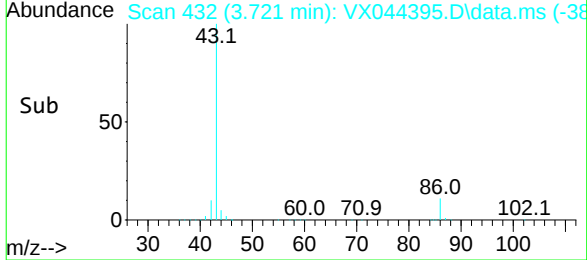
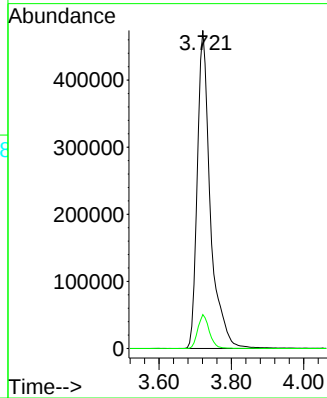
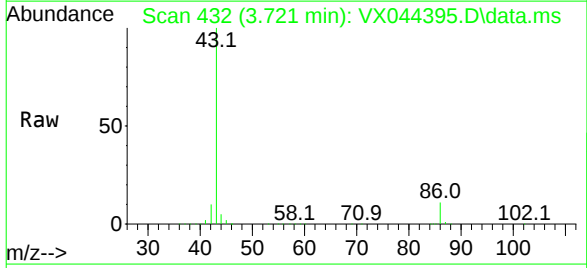
#23
 Vinyl Acetate
 Concen: 269.370 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1185904
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2

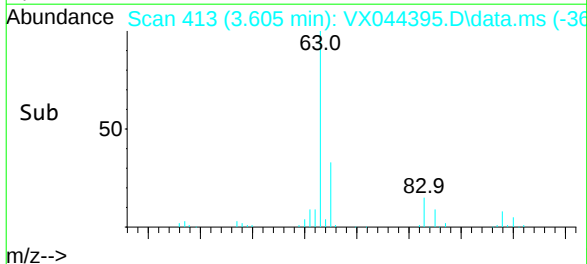
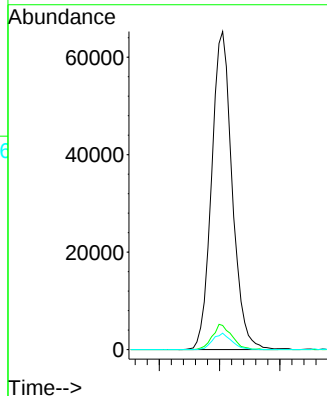
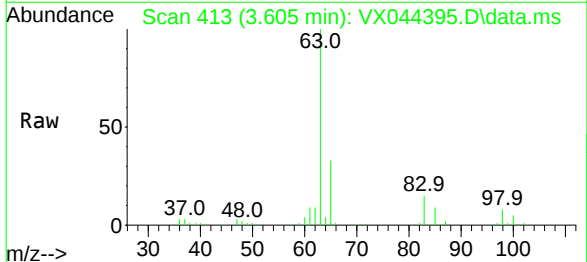
Manual Integrations
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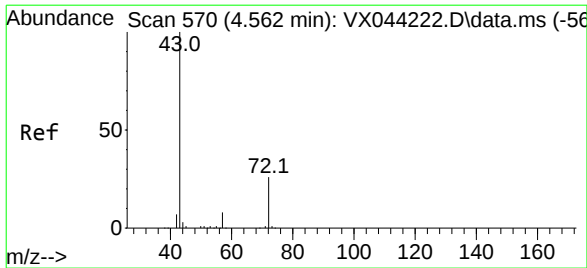
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 51.258 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

Tgt Ion: 63 Resp: 154722
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.2 2.1 6.3





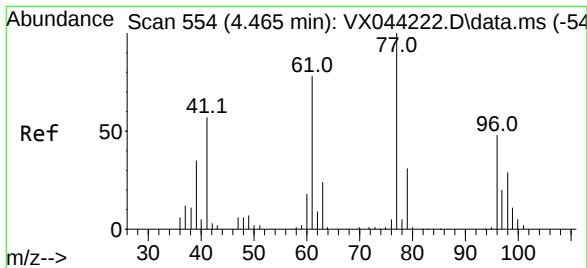
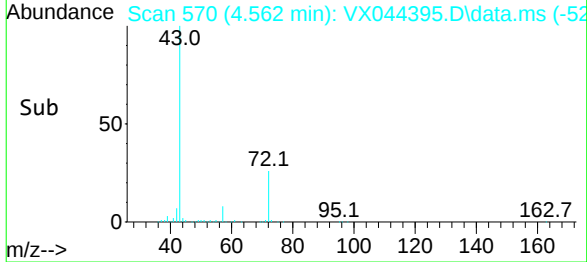
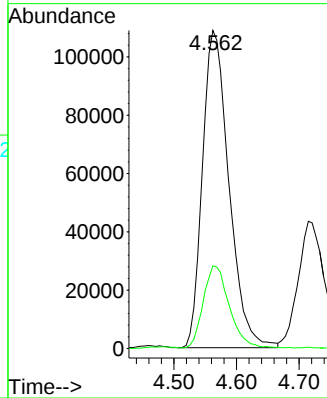
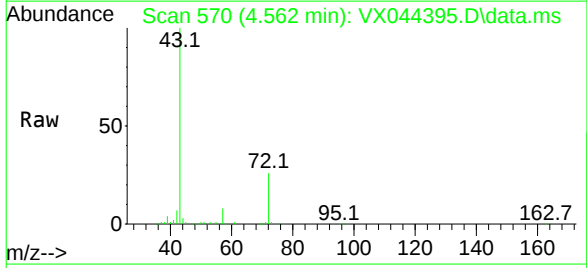
#25
2-Butanone
Concen: 244.389 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 319886
Ion Ratio Lower Upper
43 100
72 25.8 20.2 30.4

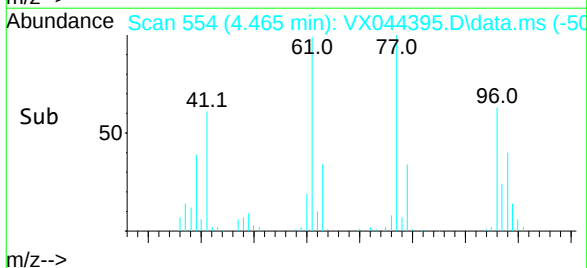
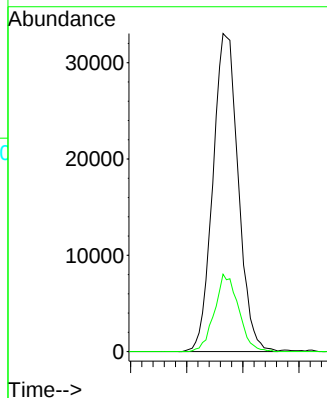
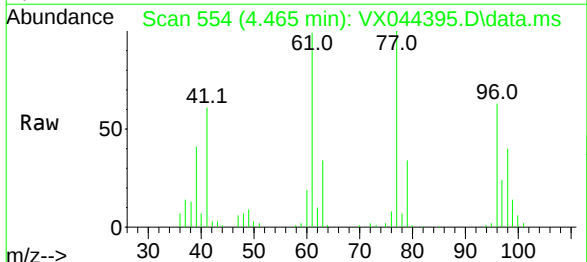
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 42.309 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

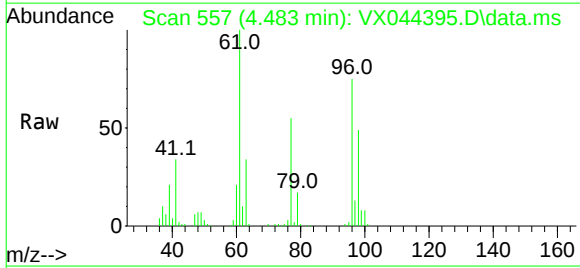
Tgt Ion: 77 Resp: 103750
Ion Ratio Lower Upper
77 100
97 23.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.424 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

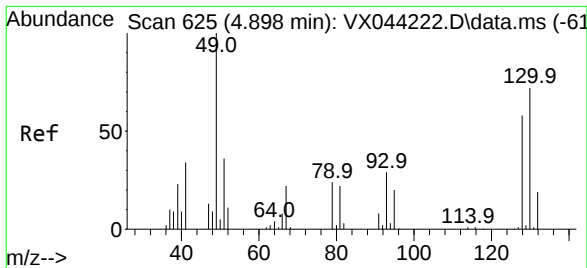
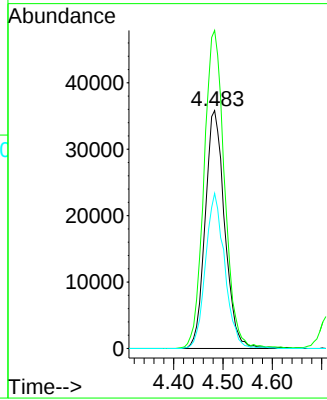
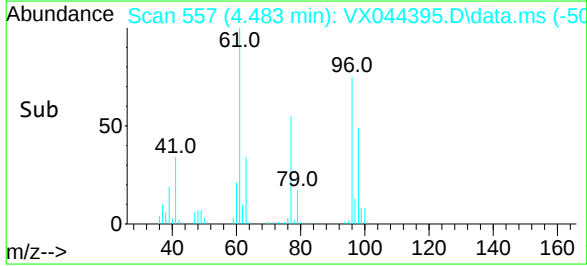
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



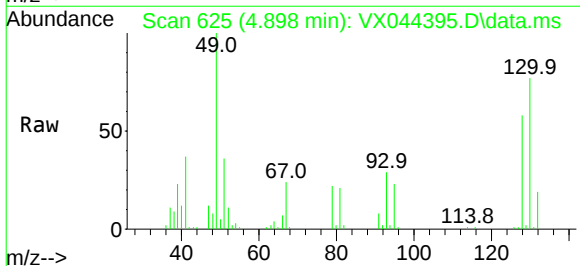
Tgt Ion: 96 Resp: 98262
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 299.0
 98 64.1 0.0 129.0

Manual Integrations
 APPROVED

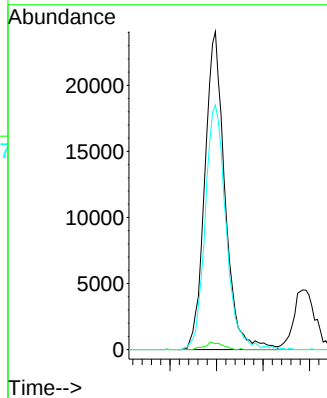
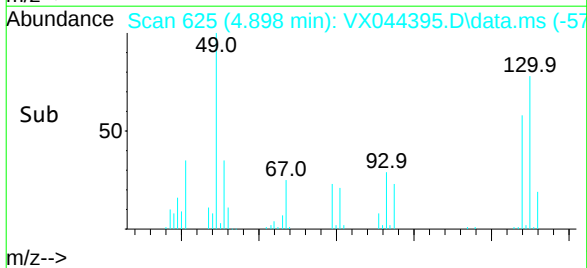
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

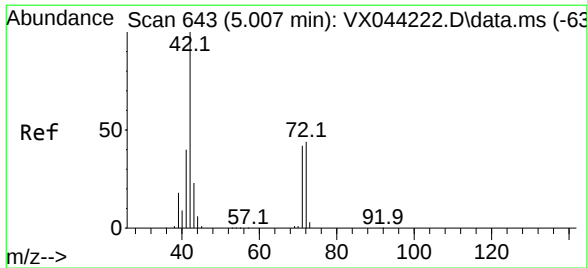


#28
 Bromochloromethane
 Concen: 48.821 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52



Tgt Ion: 49 Resp: 72263
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 79.5 62.1 93.1





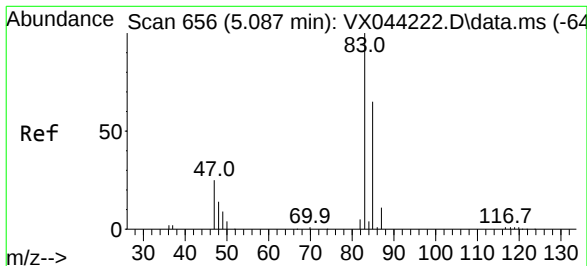
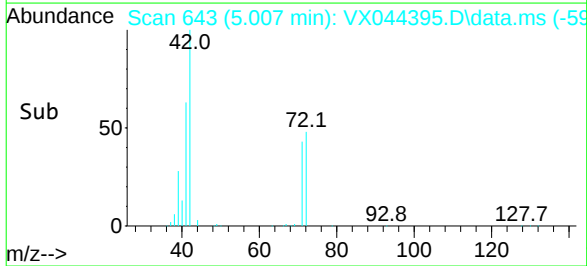
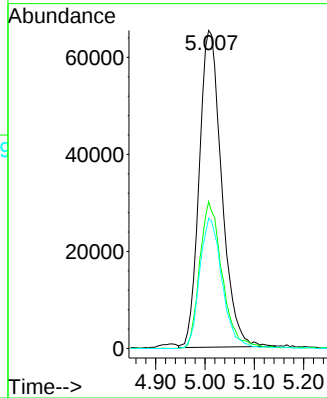
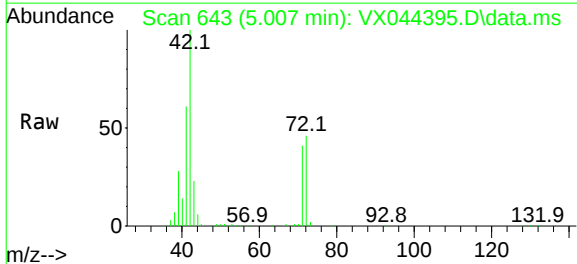
#29
Tetrahydrofuran
Concen: 245.825 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 206531
Ion Ratio Lower Upper
42 100
72 46.3 37.0 55.6
71 41.1 33.6 50.4

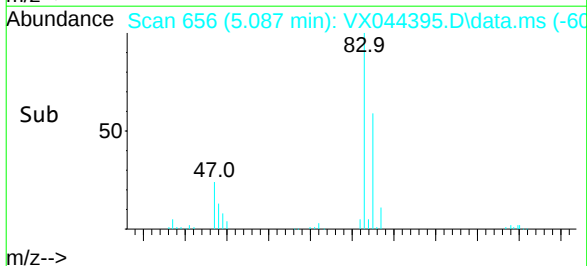
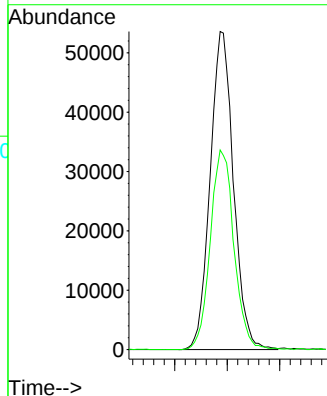
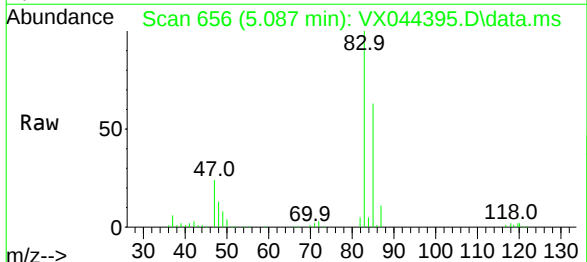
Manual Integrations
APPROVED

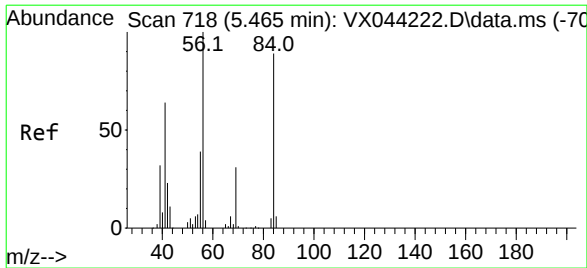
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 48.758 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

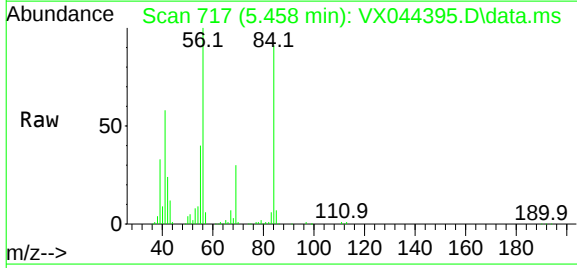
Tgt Ion: 83 Resp: 165359
Ion Ratio Lower Upper
83 100
85 62.8 51.6 77.4





#31
Cyclohexane
Concen: 46.246 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

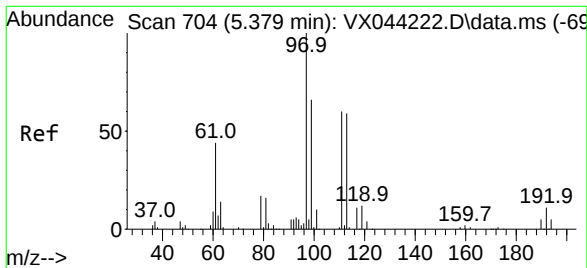
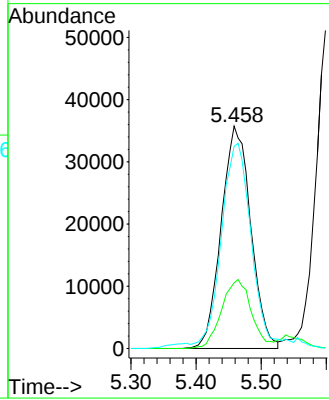
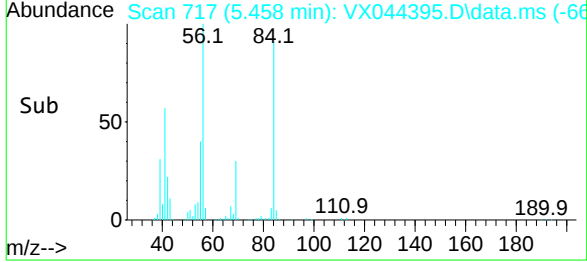
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 112724
Ion Ratio Lower Upper
56 100
69 29.5 24.7 37.1
84 88.9 71.0 106.6

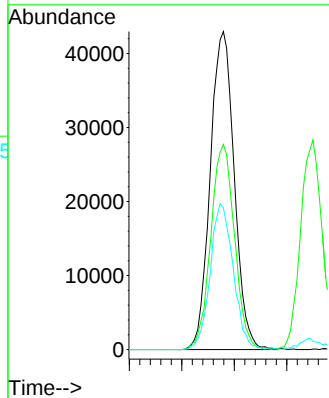
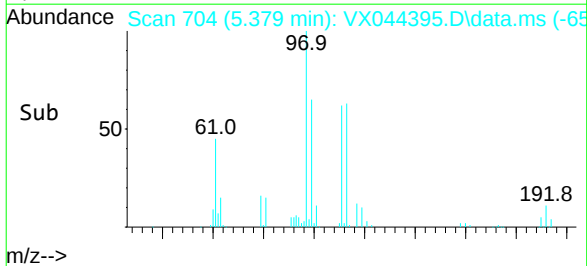
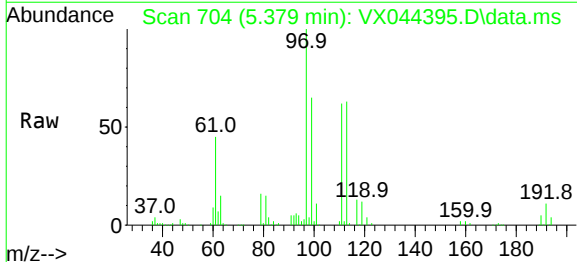
Manual Integrations
APPROVED

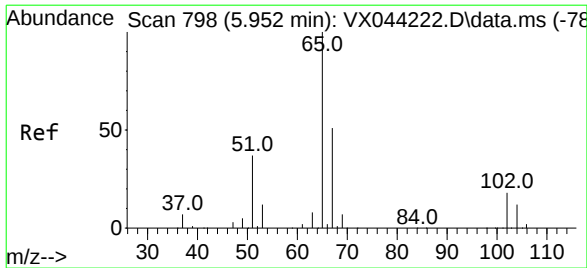
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 48.484 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 97 Resp: 136491
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 44.0 35.2 52.8





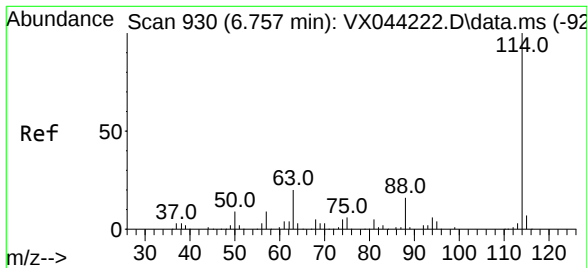
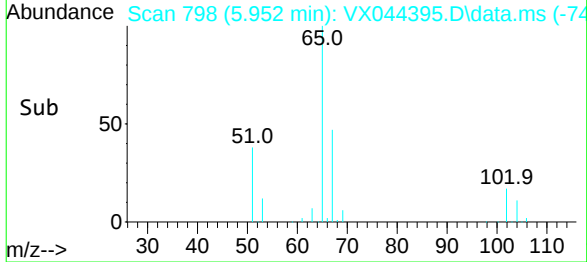
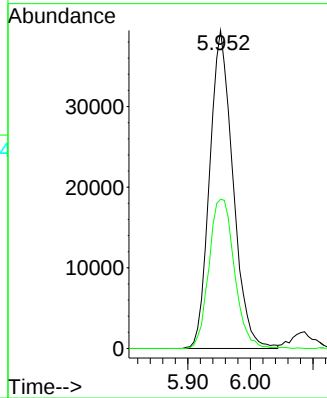
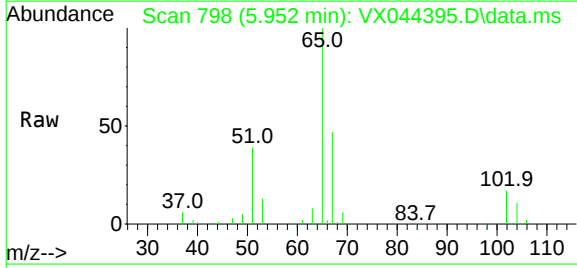
#33
1,2-Dichloroethane-d4
Concen: 45.184 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 102044
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

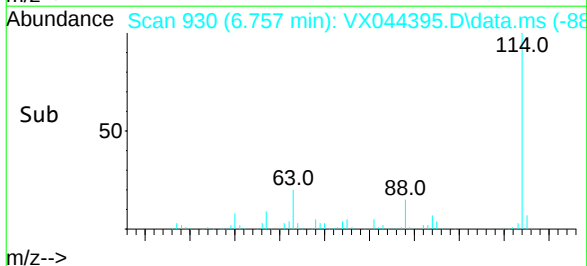
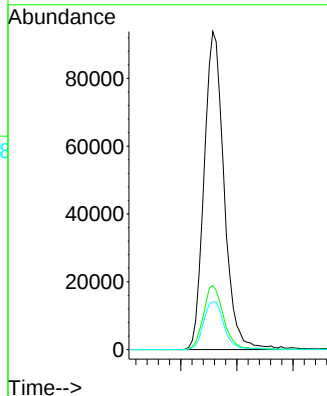
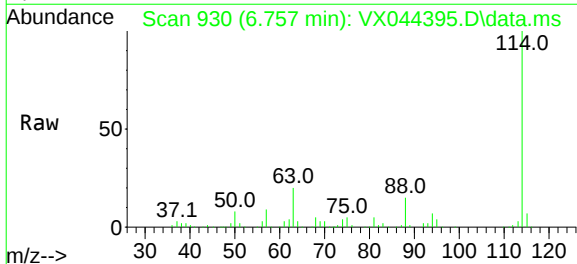
Manual Integrations
APPROVED

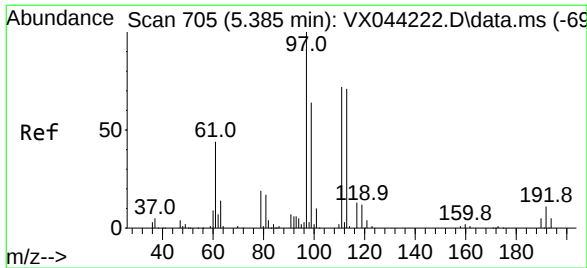
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:114 Resp: 231562
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.6
88 14.9 0.0 31.8





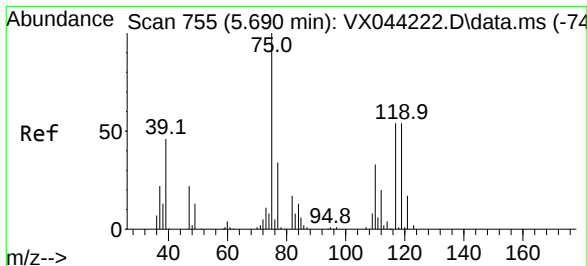
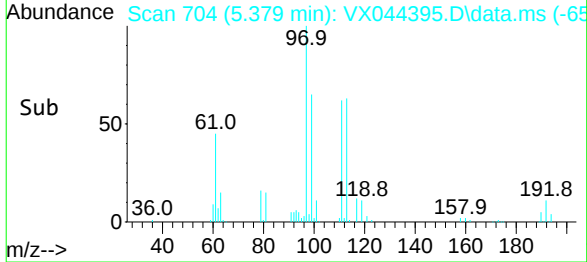
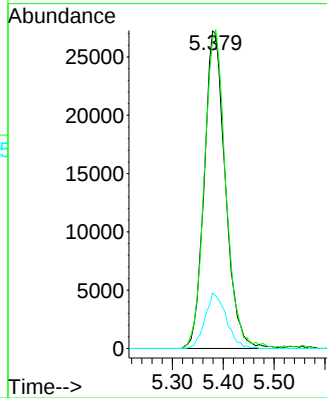
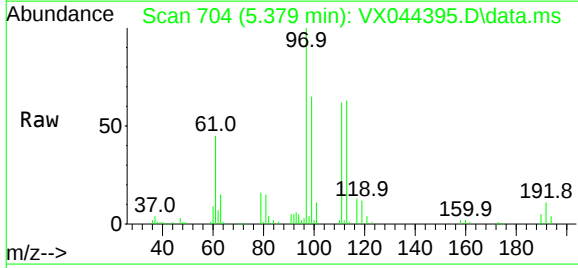
#35
Dibromofluoromethane
Concen: 49.020 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.4	120.6
192	17.6	13.3	19.9

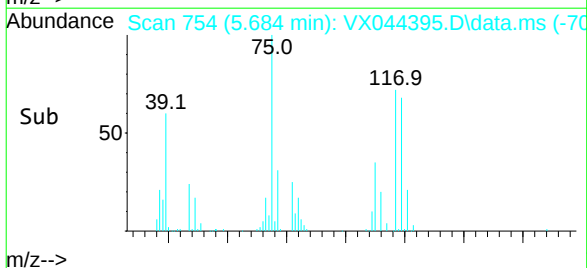
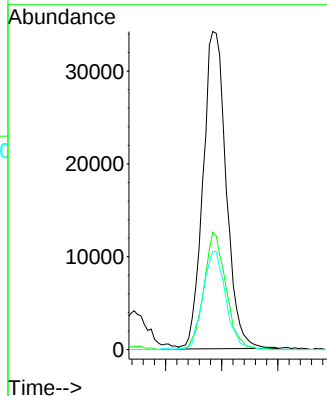
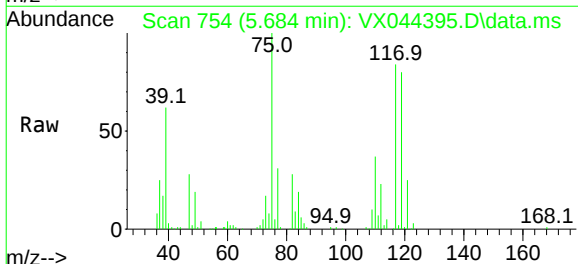
Manual Integrations
APPROVED

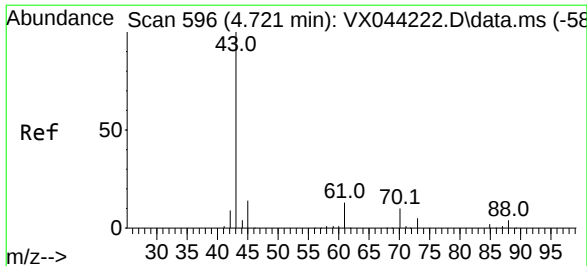
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 47.323 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

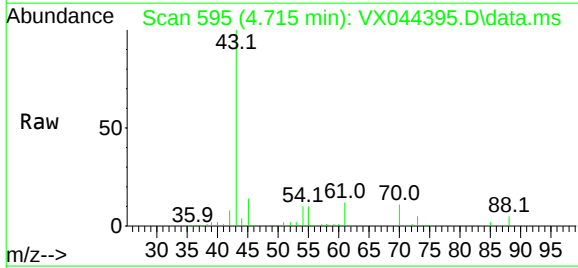
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	51.7
77	30.7	25.4	38.0





#37
Ethyl Acetate
Concen: 50.635 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

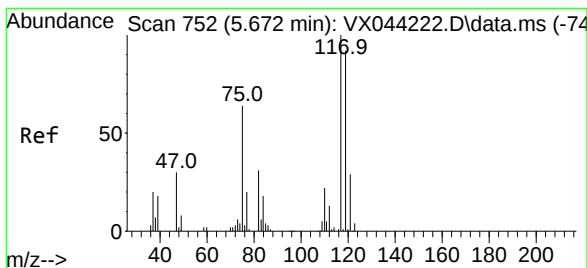
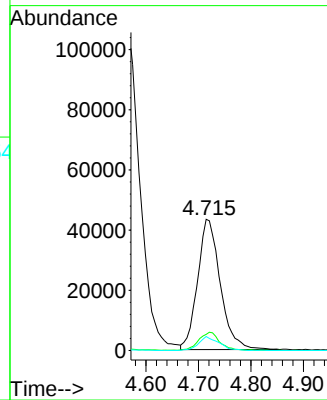
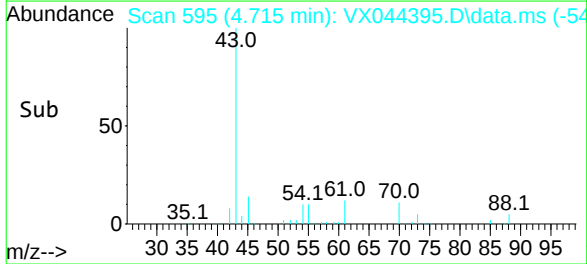
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 129759
Ion Ratio Lower Upper
43 100
61 12.4 9.8 14.8
70 9.6 7.7 11.5

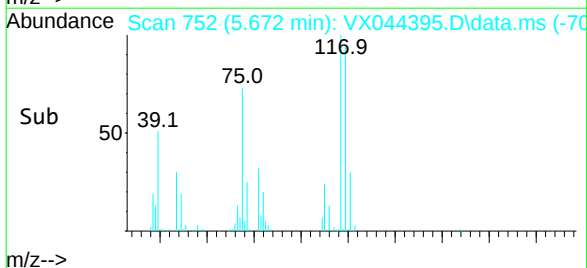
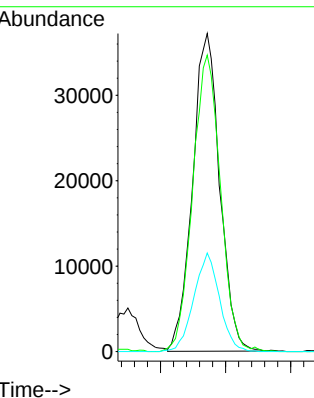
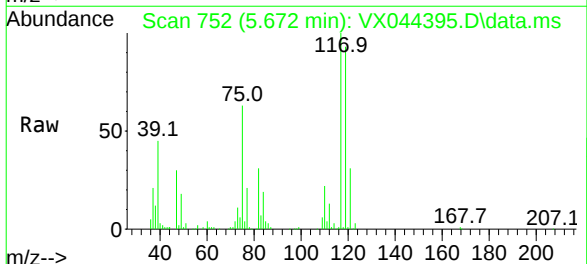
Manual Integrations
APPROVED

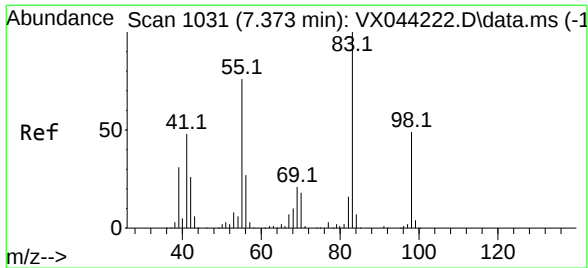
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 48.318 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:117 Resp: 107841
Ion Ratio Lower Upper
117 100
119 93.2 74.2 111.4
121 31.1 23.0 34.6





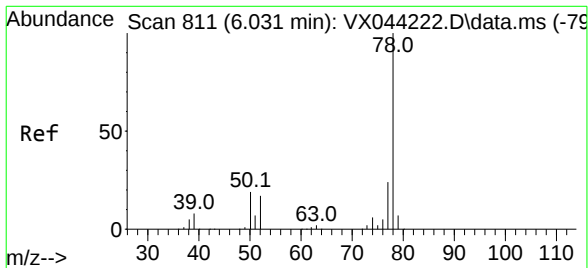
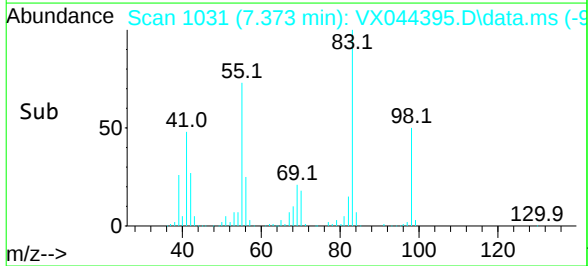
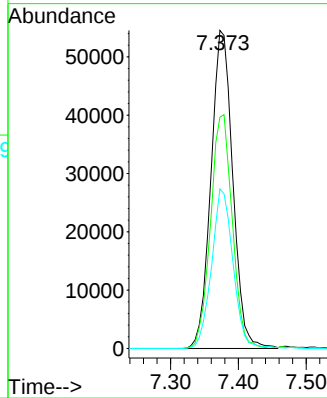
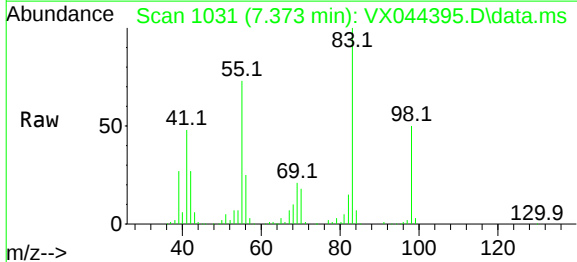
#39
Methylcyclohexane
Concen: 49.289 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 122156
Ion Ratio Lower Upper
83 100
55 72.7 60.7 91.1
98 50.2 38.9 58.3

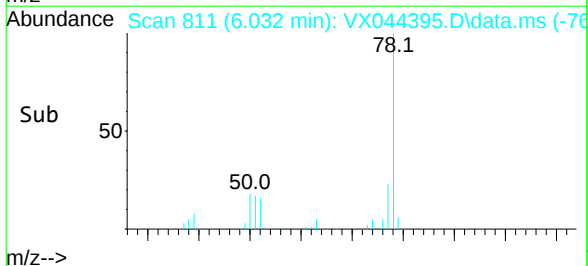
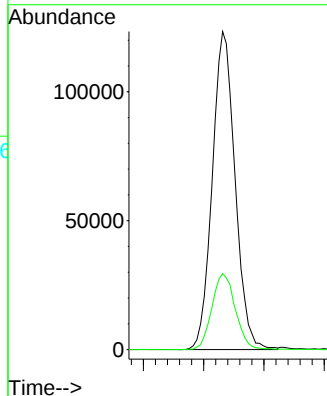
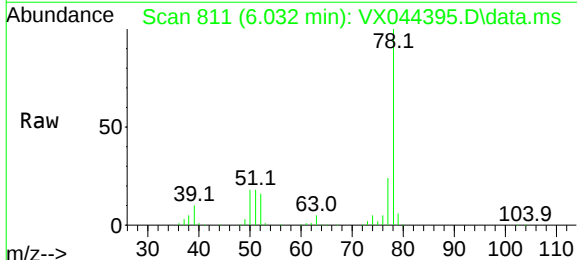
Manual Integrations
APPROVED

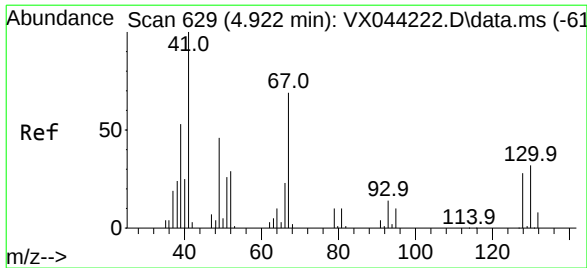
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 51.403 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 78 Resp: 323543
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





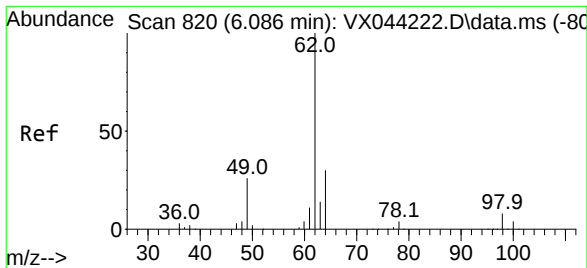
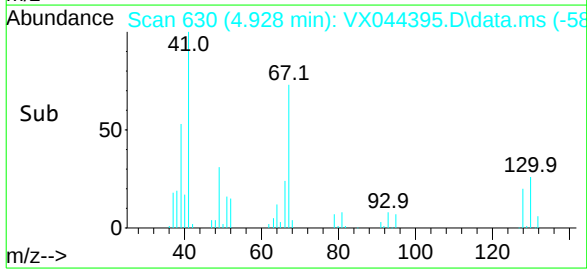
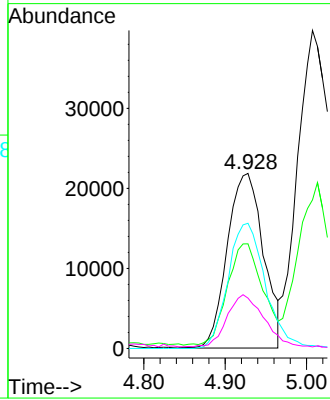
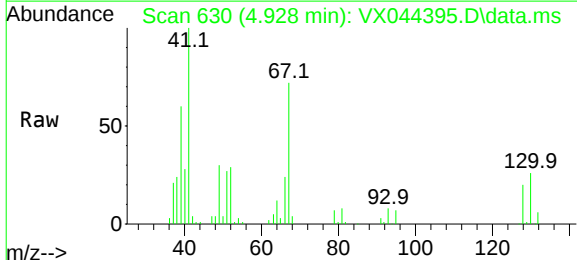
#41
Methacrylonitrile
Concen: 49.647 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	67557
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.2	66.4
67	74.5	57.2	85.8
52	31.1	24.6	37.0

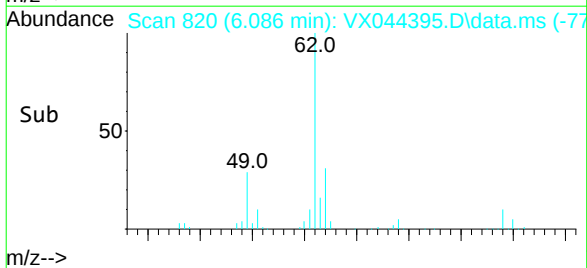
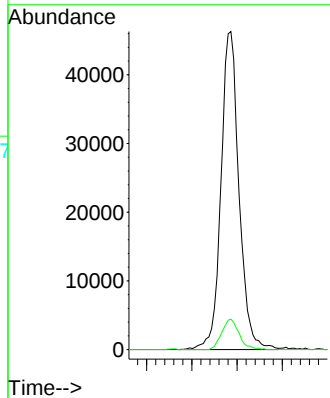
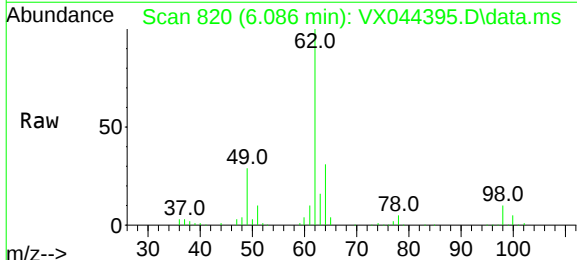
Manual Integrations
APPROVED

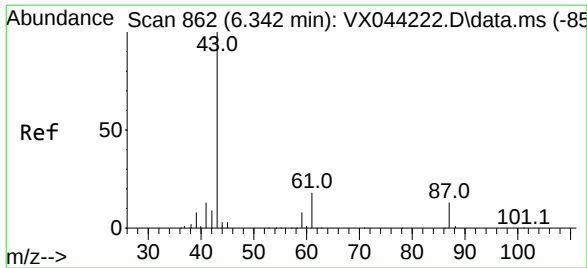
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 49.504 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:	62	Resp:	128355
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8





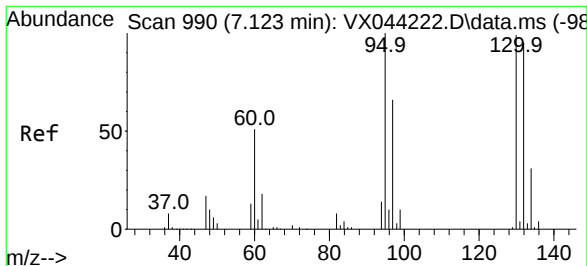
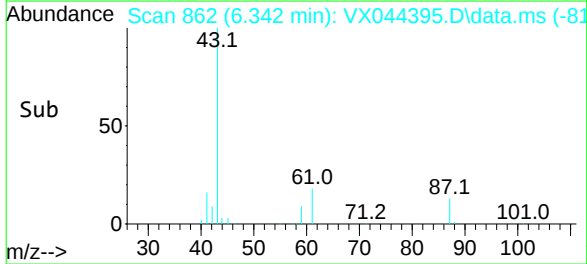
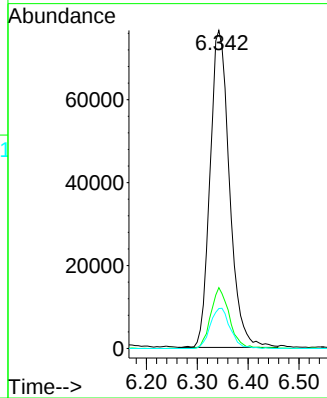
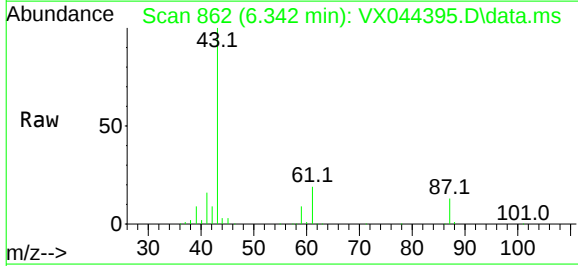
#43
Isopropyl Acetate
Concen: 50.693 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 203040
Ion Ratio Lower Upper
43 100
61 18.5 14.2 21.2
87 12.9 10.2 15.2

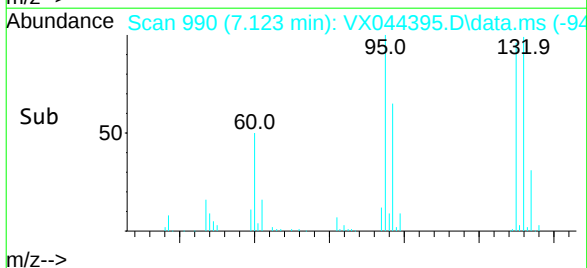
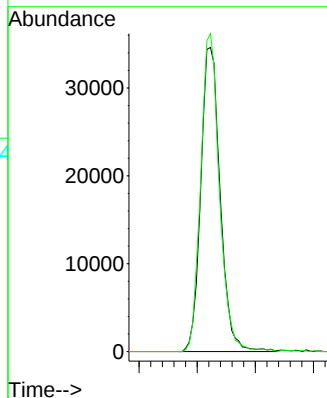
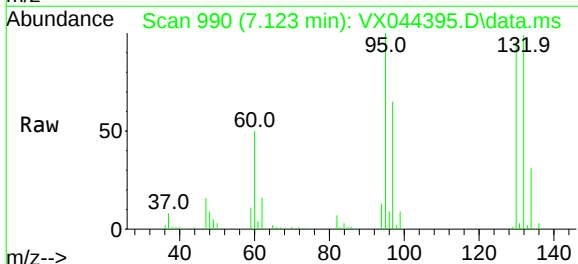
Manual Integrations
APPROVED

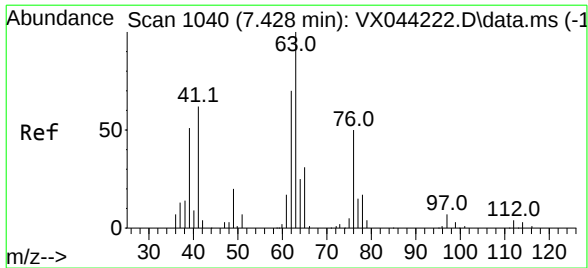
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 51.229 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:130 Resp: 80410
Ion Ratio Lower Upper
130 100
95 104.6 0.0 201.4





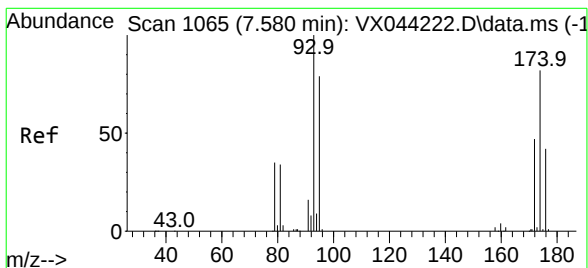
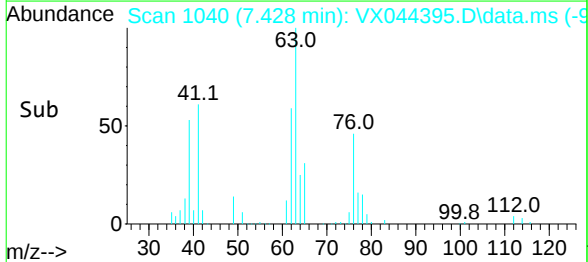
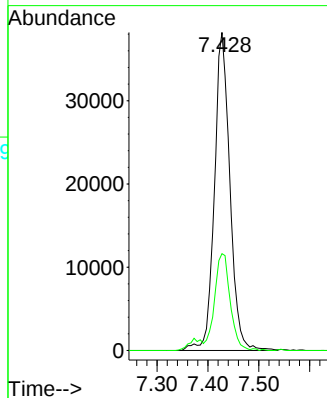
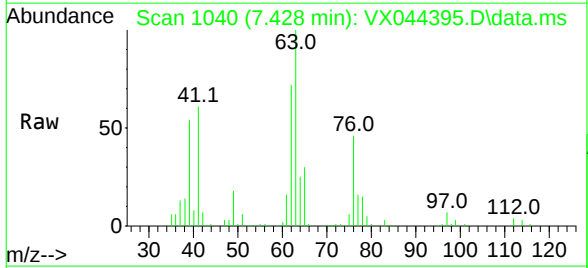
#45
1,2-Dichloropropane
Concen: 50.319 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 80917
Ion Ratio Lower Upper
63 100
65 30.3 24.6 37.0

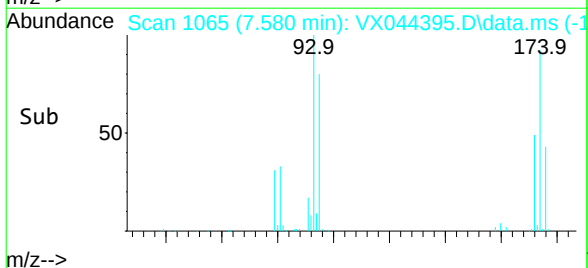
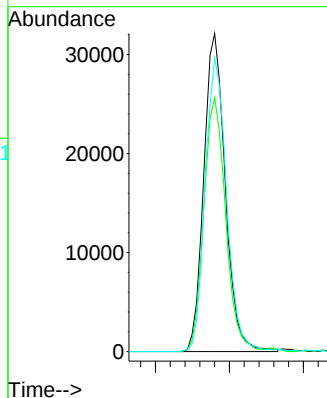
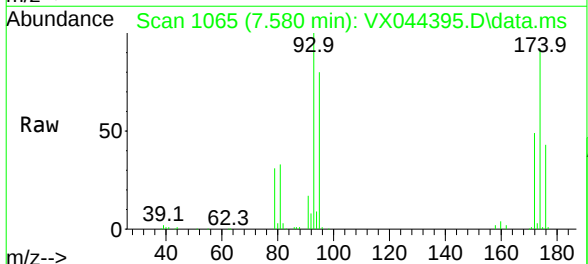
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 51.979 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 93 Resp: 64847
Ion Ratio Lower Upper
93 100
95 80.8 65.4 98.2
174 92.7 67.9 101.9





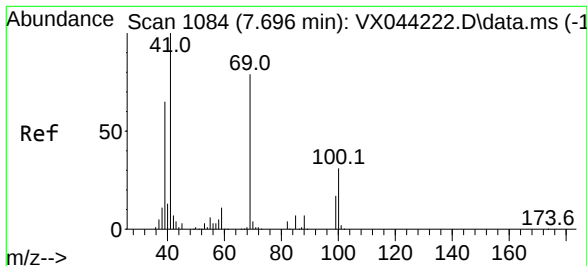
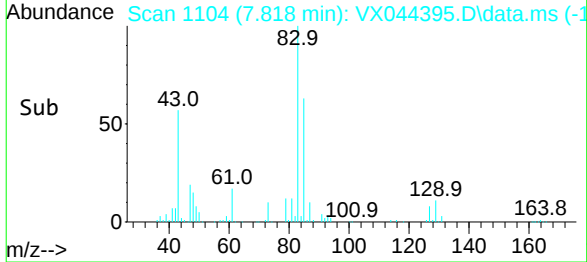
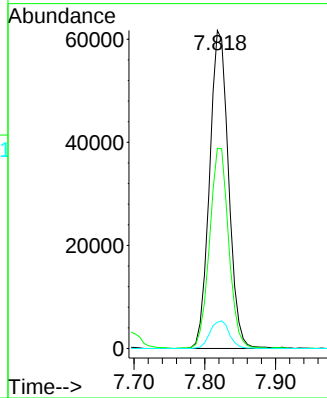
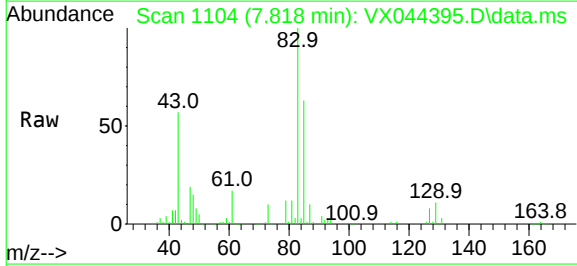
#47
Bromodichloromethane
Concen: 53.349 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114945
Ion Ratio Lower Upper
83 100
85 62.8 50.6 75.8
127 8.2 7.3 10.9

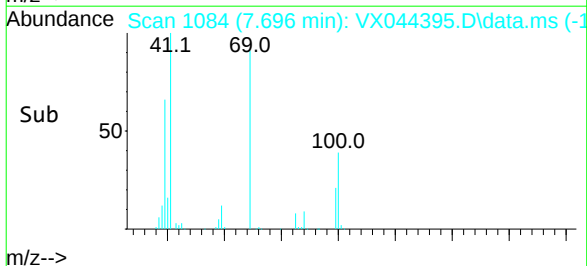
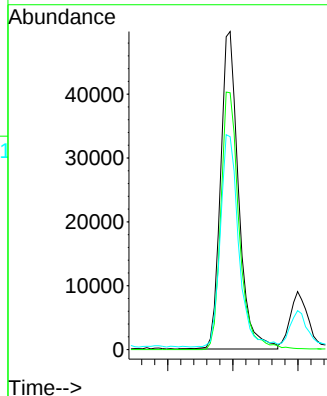
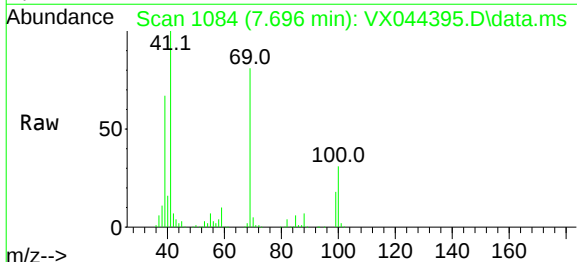
Manual Integrations
APPROVED

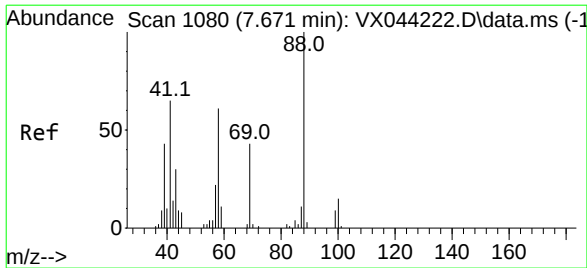
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 49.082 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

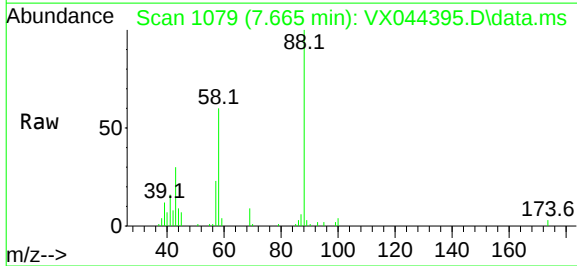
Tgt Ion: 41 Resp: 95430
Ion Ratio Lower Upper
41 100
69 82.3 62.4 93.6
39 67.7 53.3 79.9





#49
1,4-Dioxane
Concen: 854.459 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

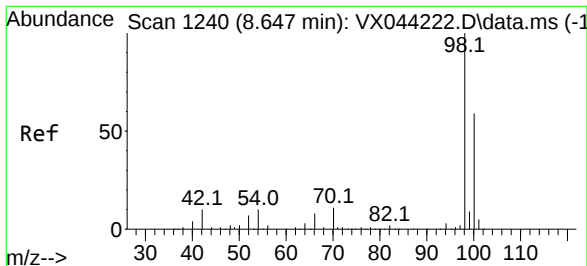
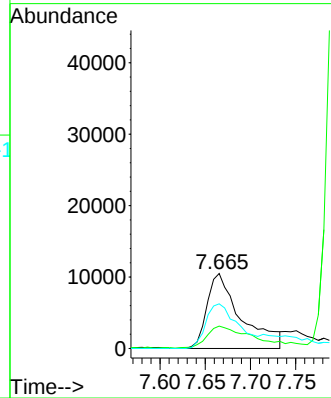
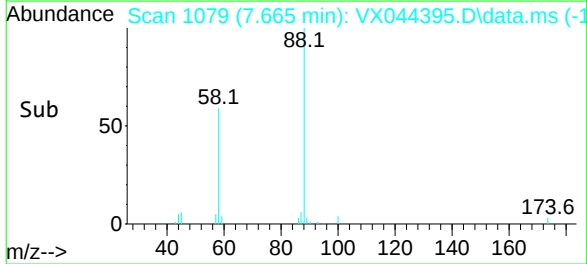
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 27544
Ion Ratio Lower Upper
88 100
43 41.5 27.1 40.7#
58 56.6 41.0 61.4

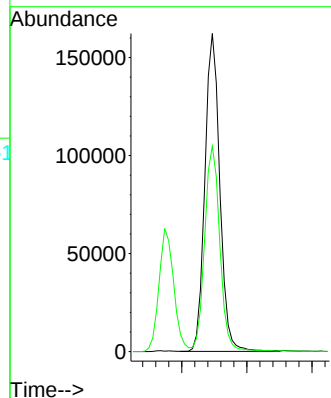
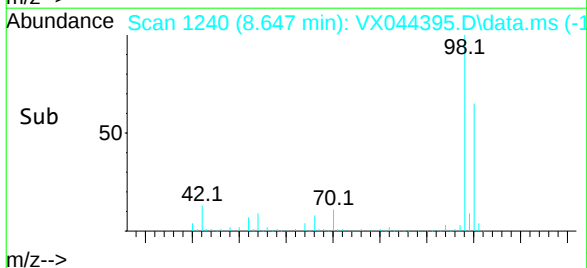
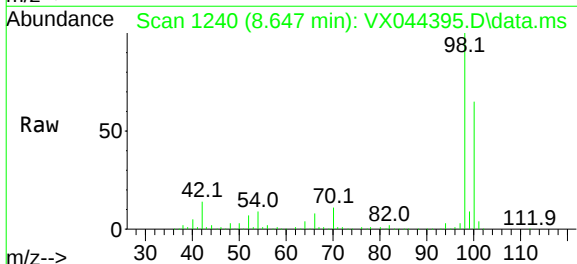
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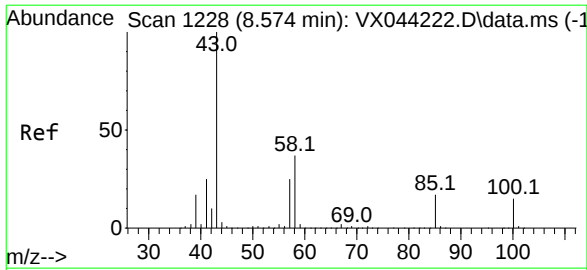
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 47.694 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 98 Resp: 258060
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3





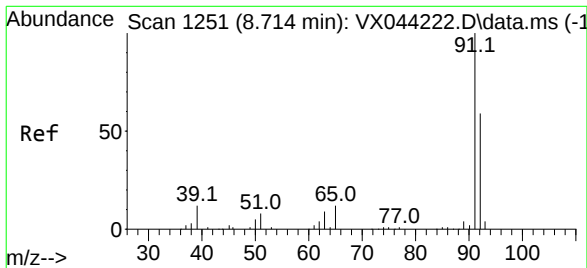
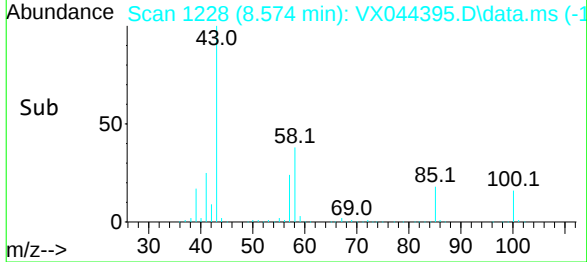
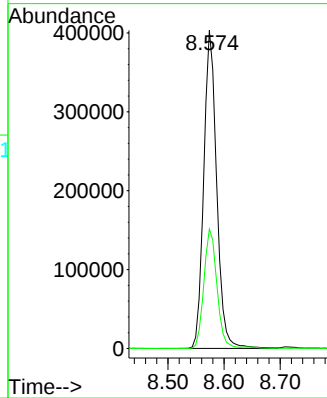
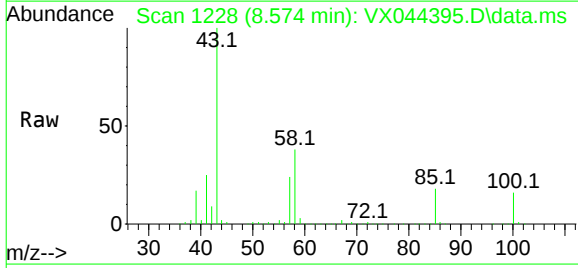
#51
4-Methyl-2-Pentanone
Concen: 251.054 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 646548
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.0

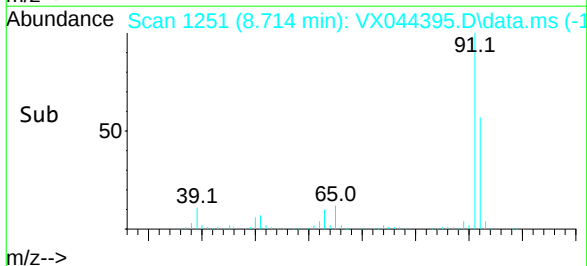
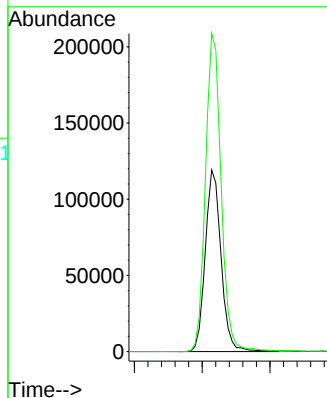
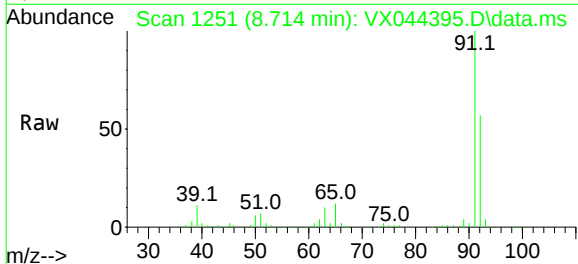
Manual Integrations
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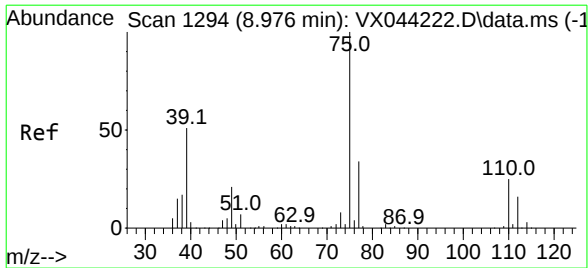
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 48.790 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

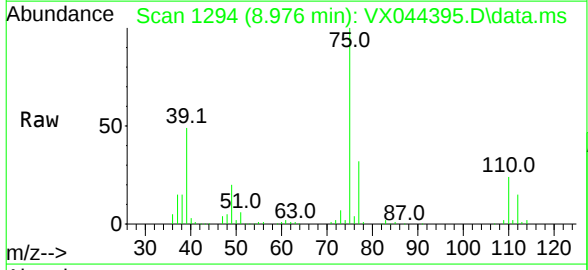
Tgt Ion: 92 Resp: 192849
Ion Ratio Lower Upper
92 100
91 174.7 137.0 205.6





#53
 t-1,3-Dichloropropene
 Concen: 47.246 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

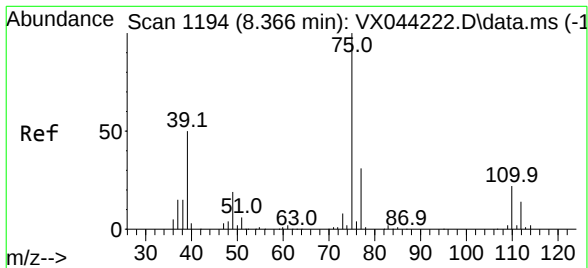
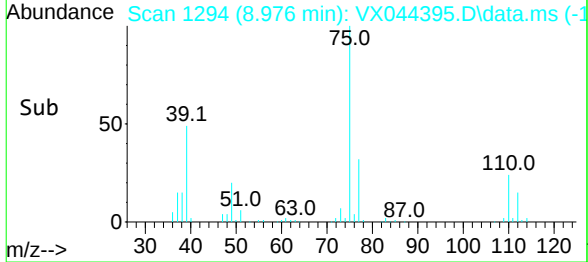
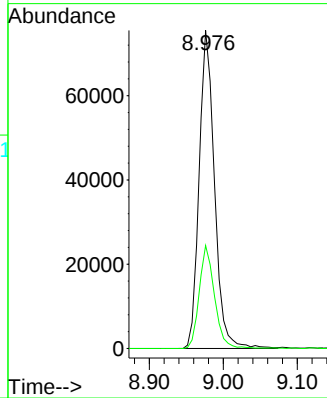
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 108831
 Ion Ratio Lower Upper
 75 100
 77 32.4 27.2 40.8

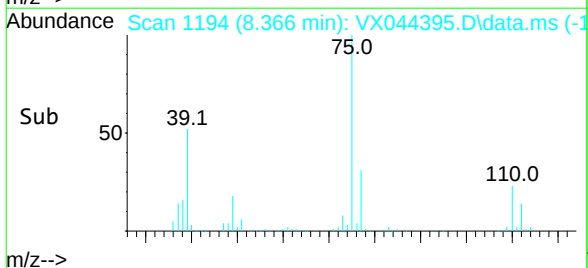
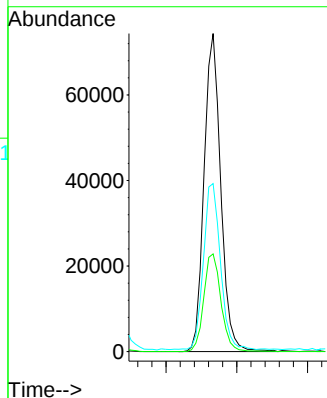
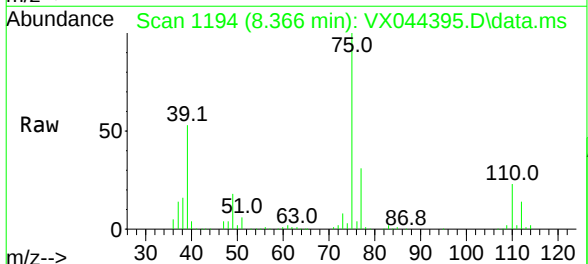
Manual Integrations
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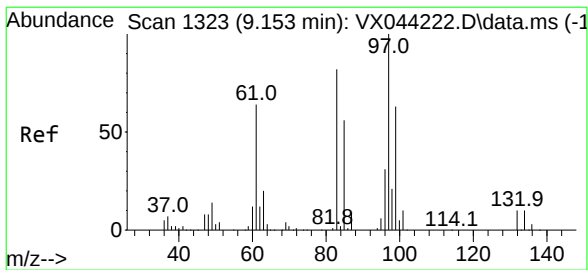
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.907 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX044395.D
 Acq: 18 Dec 2024 19:52

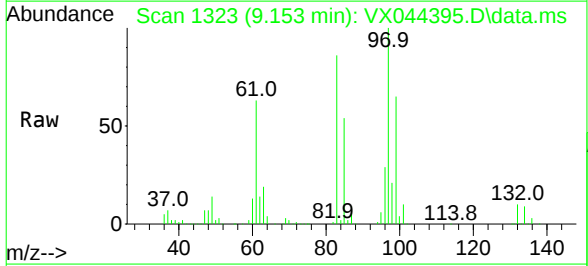
Tgt Ion: 75 Resp: 121772
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 52.1 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 53.041 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

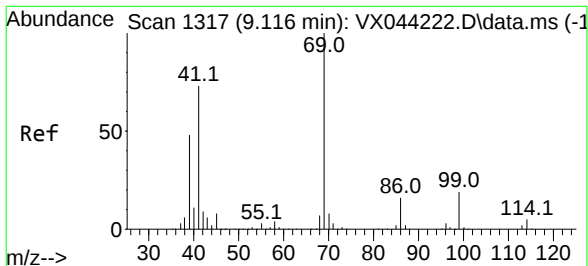
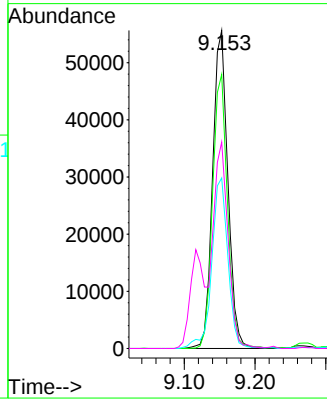
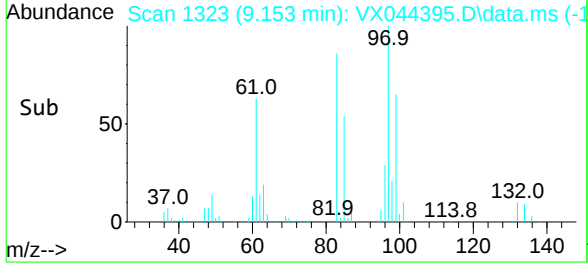
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	83289
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.3	97.9
85	53.6	44.6	67.0
99	64.7	50.2	75.2

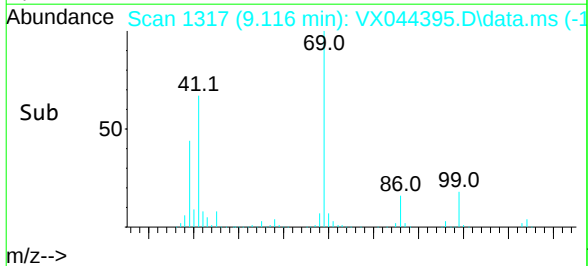
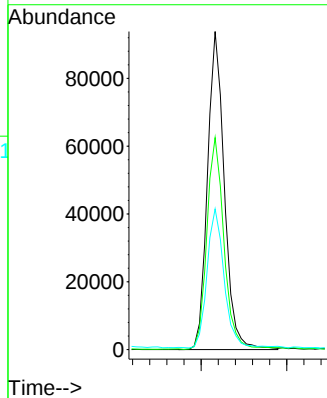
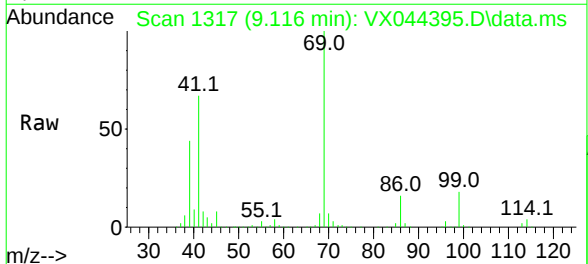
Manual Integrations
APPROVED

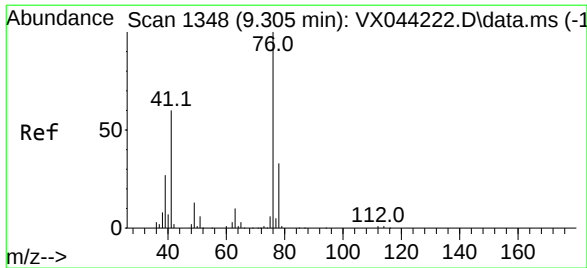
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 51.786 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:	69	Resp:	128375
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.6	85.0
39	44.5	37.4	56.0





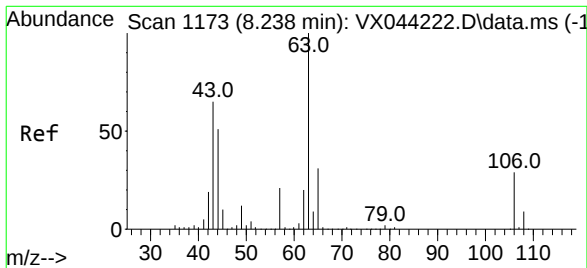
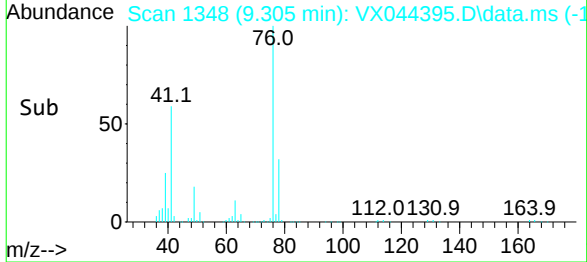
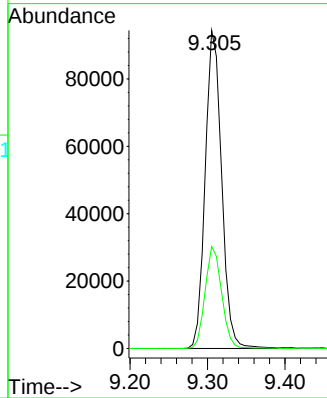
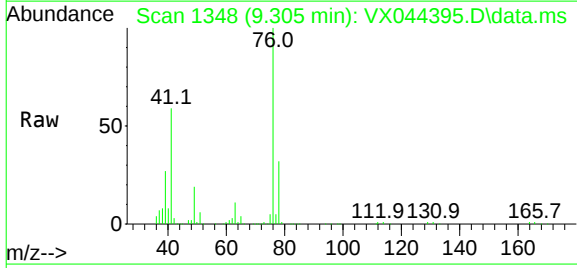
#57
1,3-Dichloropropane
Concen: 50.869 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 139034
Ion Ratio Lower Upper
76 100
78 32.4 26.5 39.7

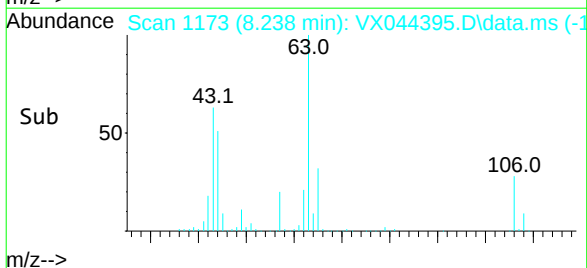
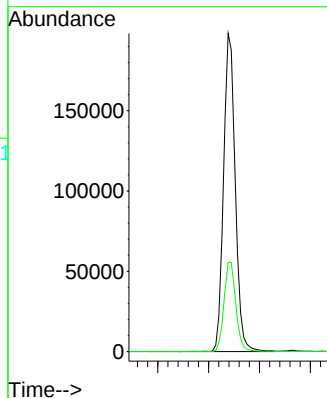
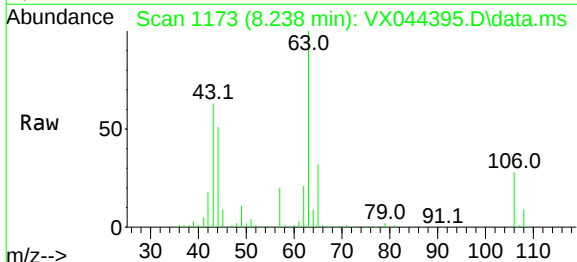
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 253.061 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 63 Resp: 316405
Ion Ratio Lower Upper
63 100
106 28.5 22.8 34.2





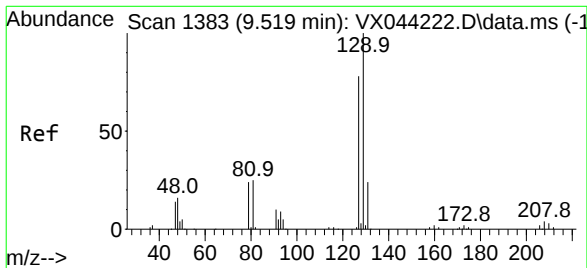
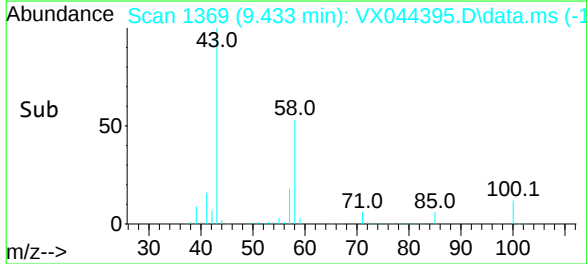
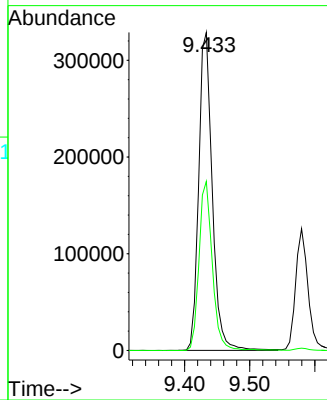
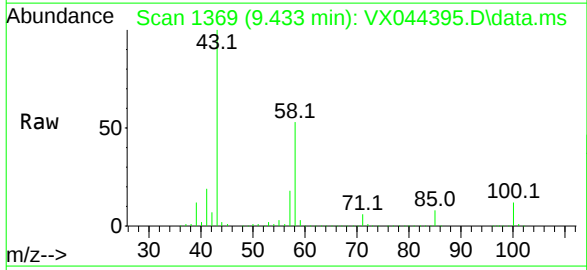
#59
2-Hexanone
Concen: 254.459 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 474334
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.0

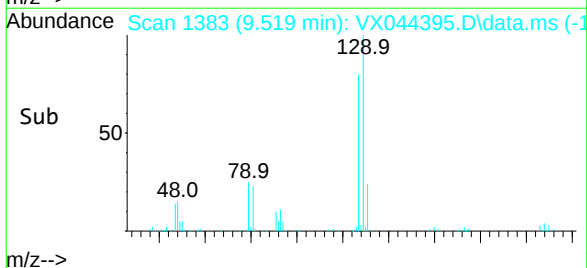
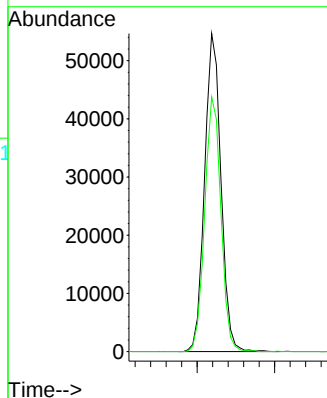
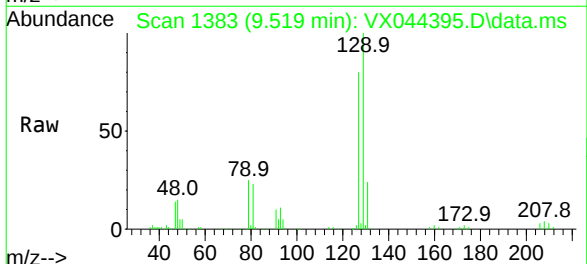
Manual Integrations
APPROVED

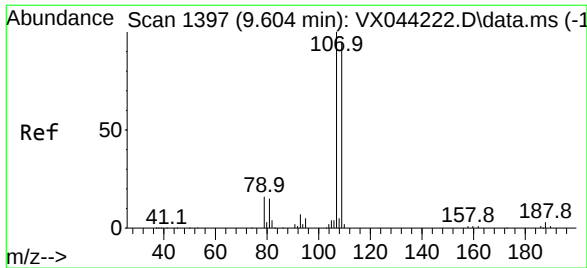
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 48.292 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

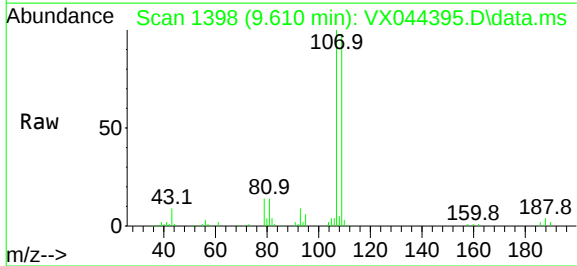
Tgt Ion:129 Resp: 80110
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.3





#61
1,2-Dibromoethane
Concen: 52.335 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

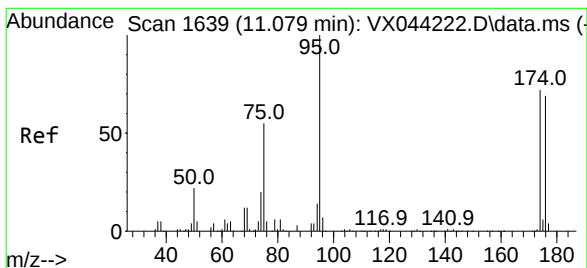
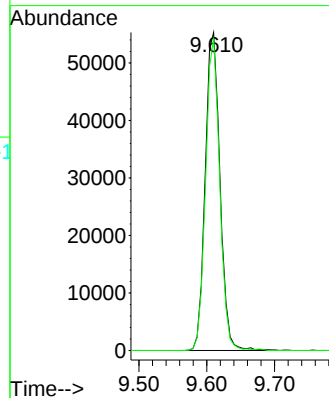
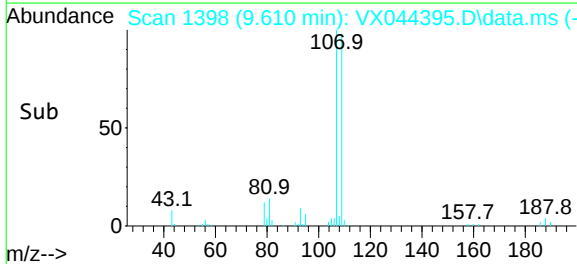
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



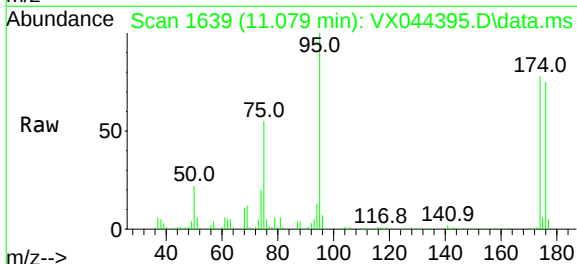
Tgt Ion:107 Resp: 83651
Ion Ratio Lower Upper
107 100
109 93.8 77.0 115.4

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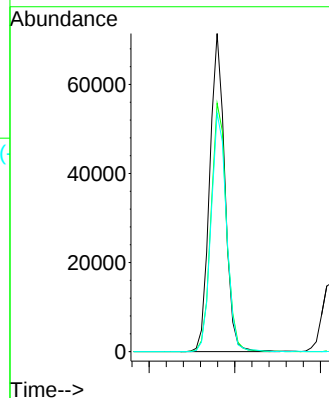
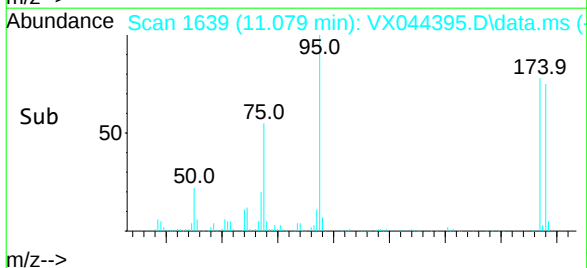
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

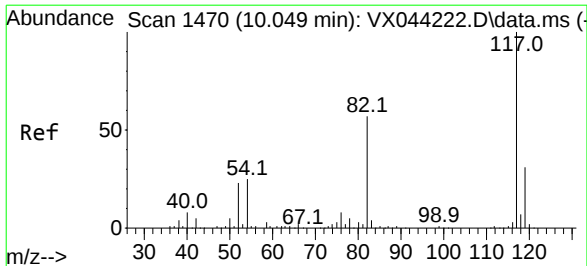


#62
4-Bromofluorobenzene
Concen: 46.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion: 95 Resp: 87444
Ion Ratio Lower Upper
95 100
174 79.4 0.0 145.8
176 76.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

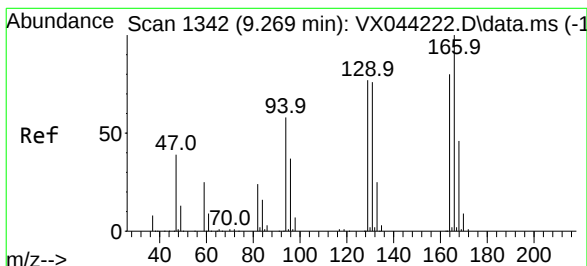
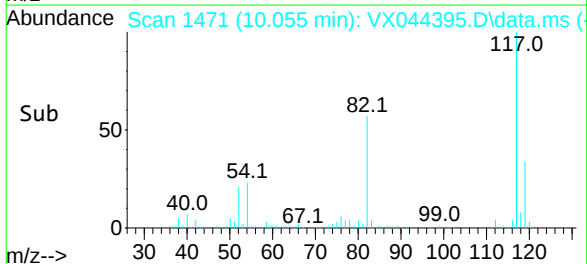
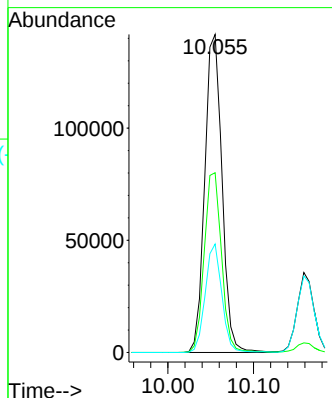
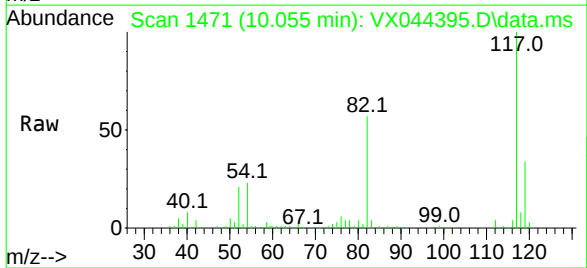
Tgt Ion:	117	Resp:	198322
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.8	68.8
119	34.1	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 49.442 ug/l

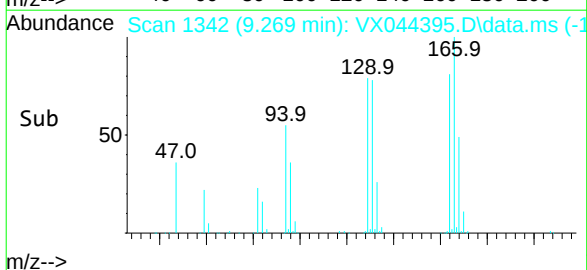
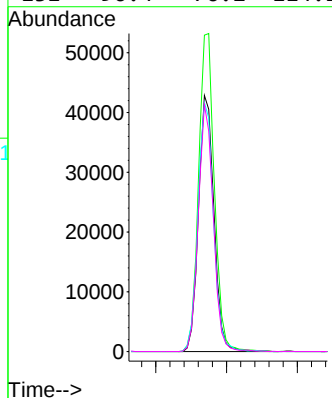
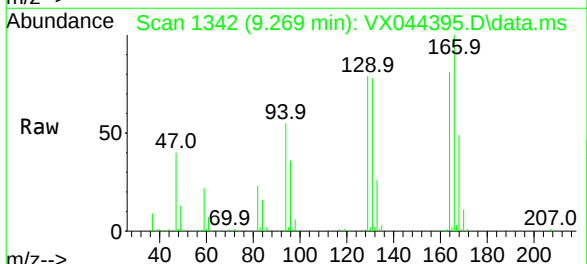
RT: 9.269 min Scan# 1342

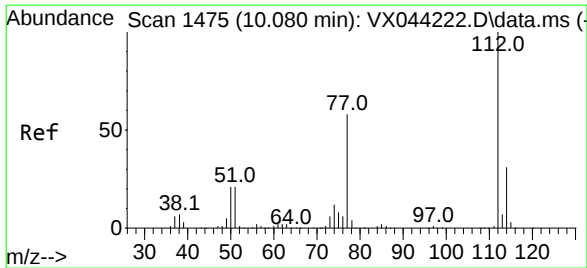
Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion:	164	Resp:	65080
Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.4	150.6
129	97.2	77.2	115.8
131	96.4	76.2	114.2





#65

Chlorobenzene

Concen: 50.011 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 212528

Ion Ratio Lower Upper

112 100

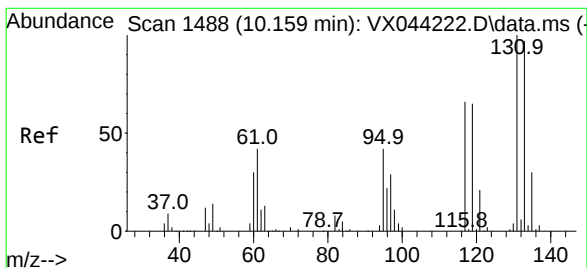
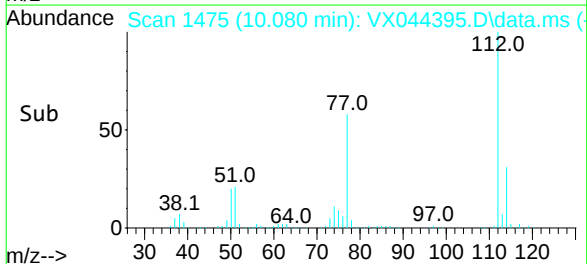
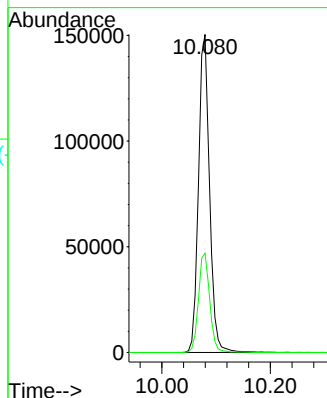
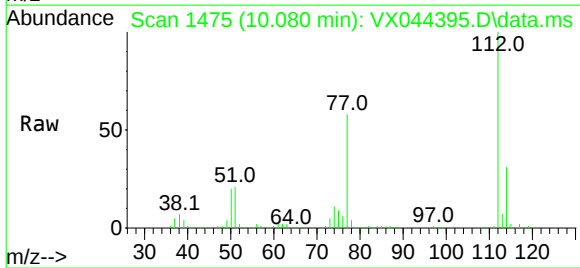
114 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 53.289 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

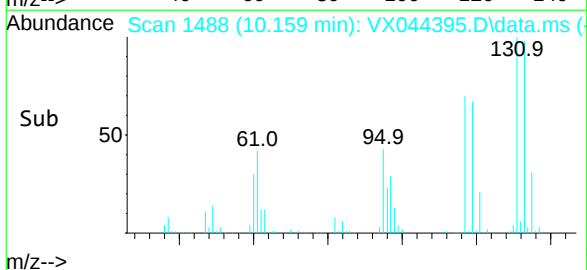
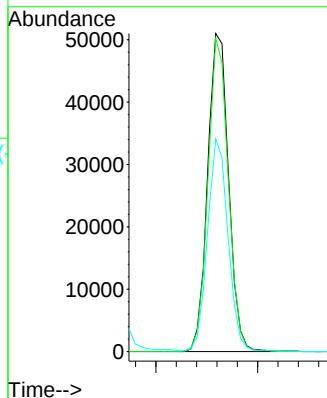
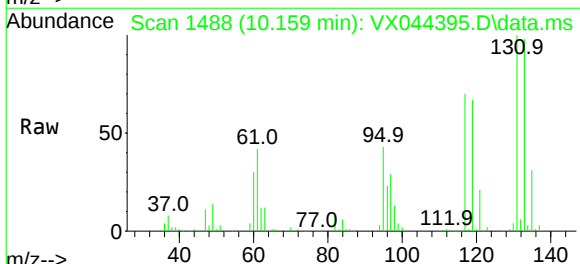
Tgt Ion:131 Resp: 72780

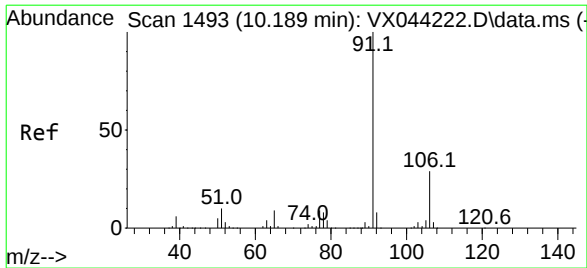
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.8

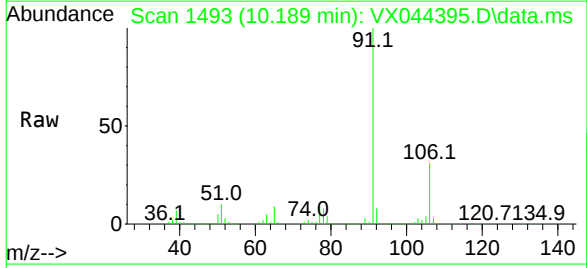
119 65.4 31.6 95.0





#67
Ethyl Benzene
Concen: 48.877 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

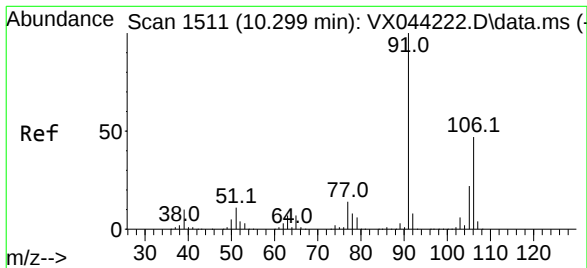
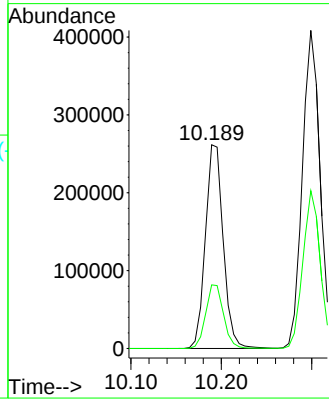
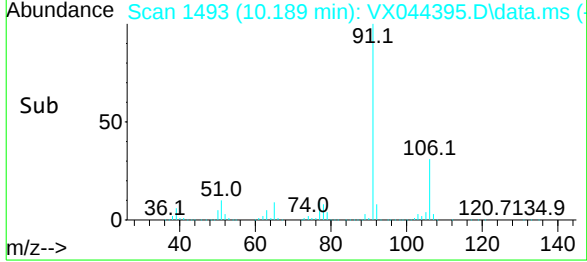
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



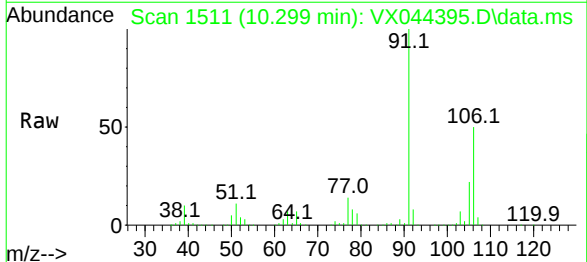
Tgt Ion: 91 Resp: 358882
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3

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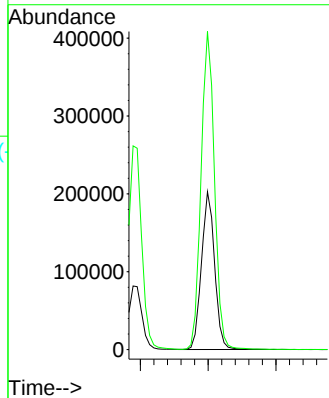
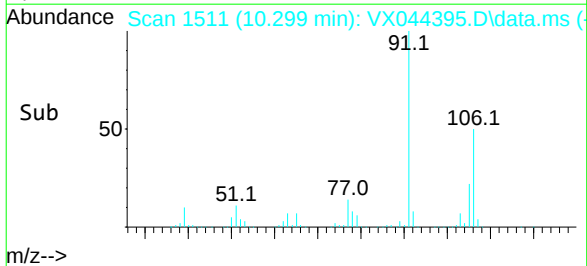
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

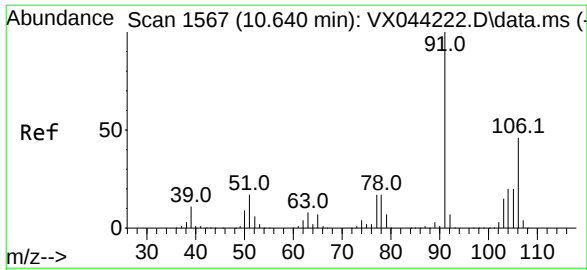


#68
m/p-Xylenes
Concen: 101.186 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion:106 Resp: 272625
Ion Ratio Lower Upper
106 100
91 205.7 170.2 255.2





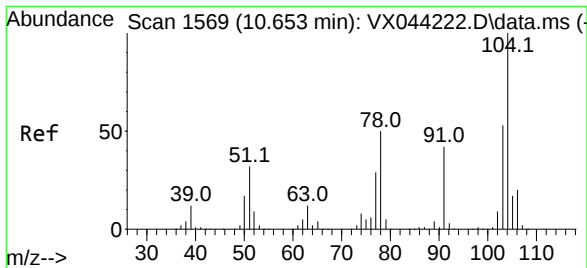
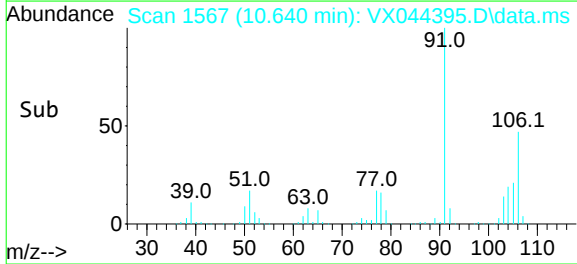
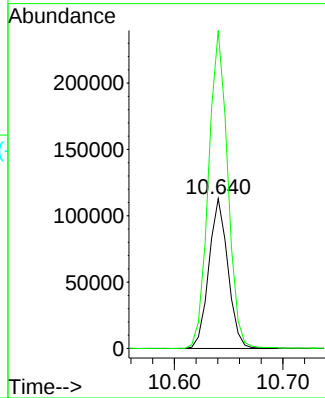
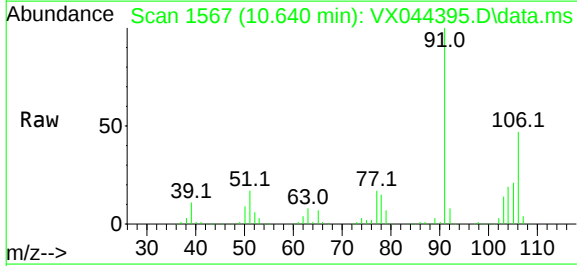
#69
o-Xylene
Concen: 50.475 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 137600
Ion Ratio Lower Upper
106 100
91 214.8 112.3 337.0

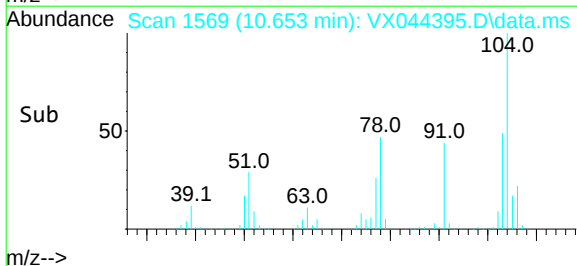
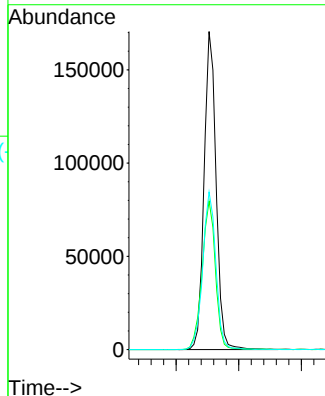
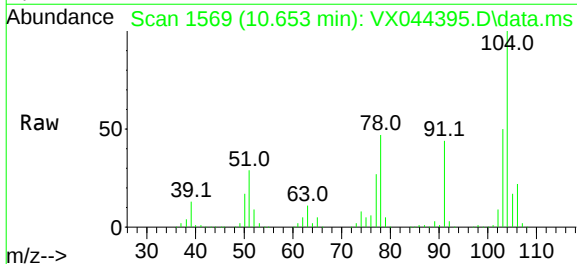
Manual Integrations
APPROVED

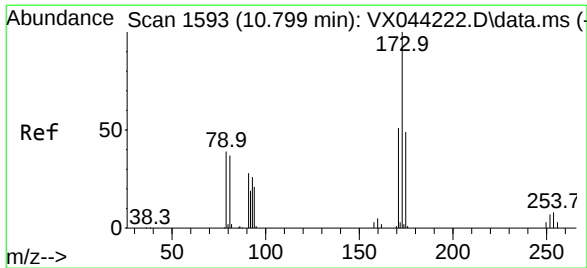
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 51.996 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:104 Resp: 227233
Ion Ratio Lower Upper
104 100
78 51.9 44.6 67.0
103 54.6 45.4 68.0





#71

Bromoform

Concen: 50.123 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

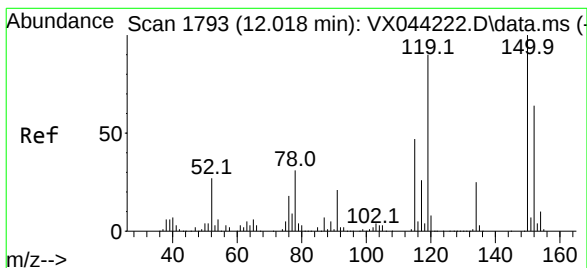
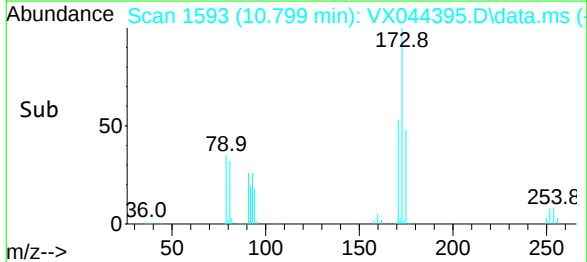
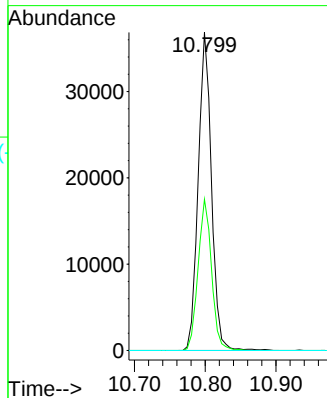
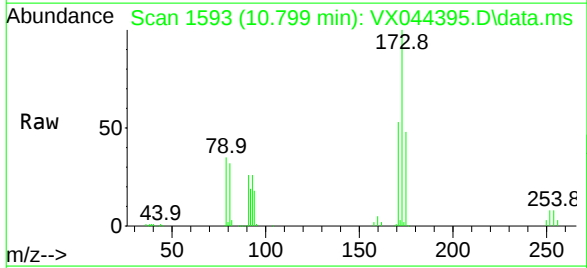
Tgt Ion:	173	Resp:	47848
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

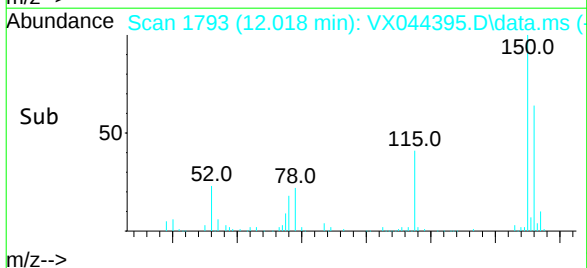
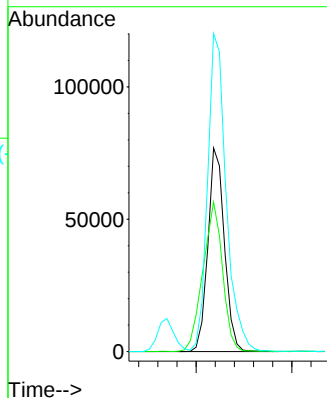
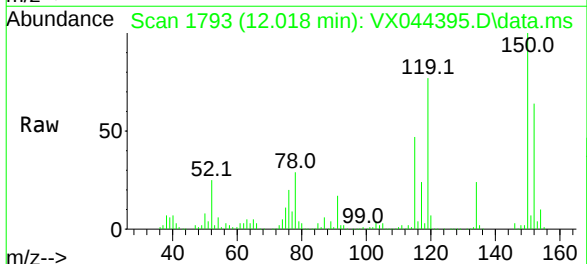
RT: 12.018 min Scan# 1793

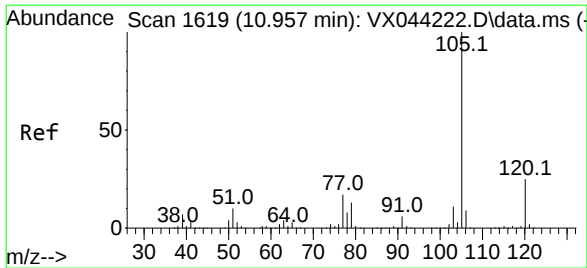
Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion:	152	Resp:	92192
Ion Ratio	Lower	Upper	
152	100		
115	87.2	44.5	133.3
150	175.2	0.0	353.8





#73

Isopropylbenzene

Concen: 48.386 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 341494

Ion Ratio Lower Upper

105 100

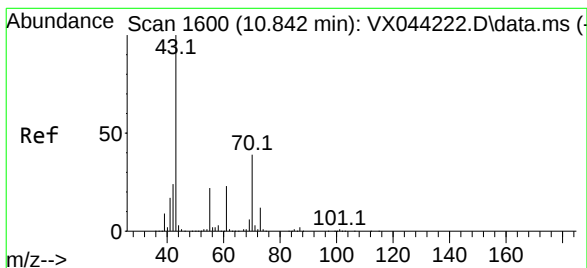
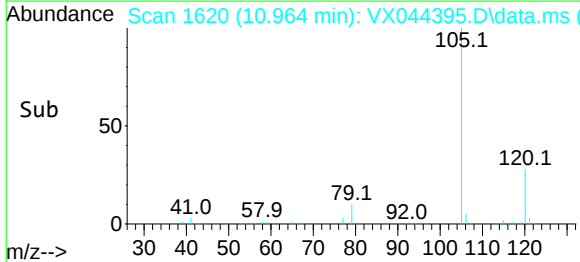
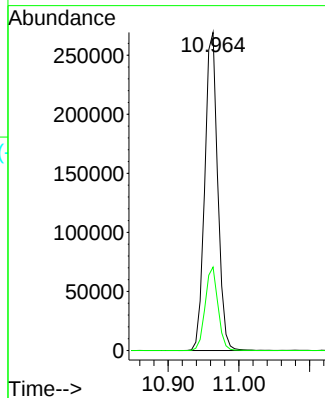
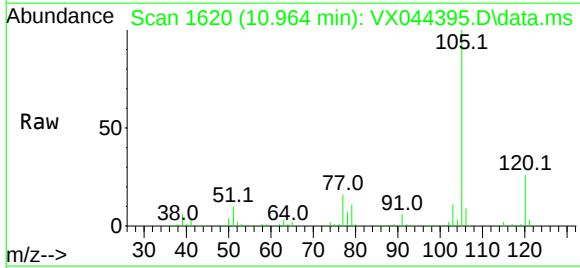
120 26.0 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 51.447 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion: 43 Resp: 167806

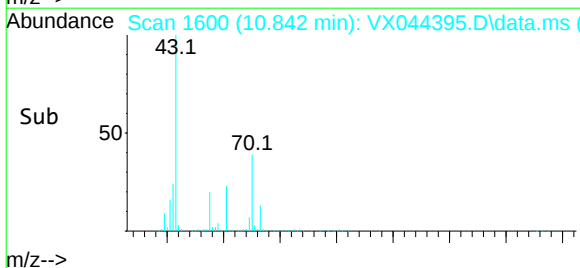
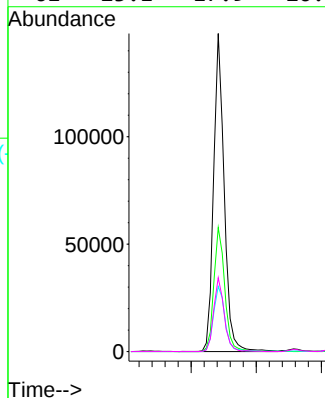
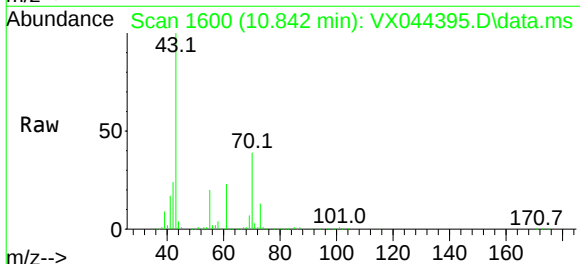
Ion Ratio Lower Upper

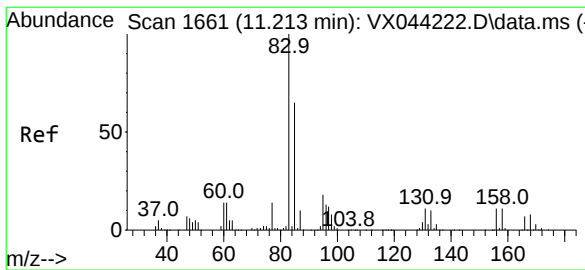
43 100

70 40.3 31.9 47.9

55 22.2 17.9 26.9

61 23.1 17.9 26.9





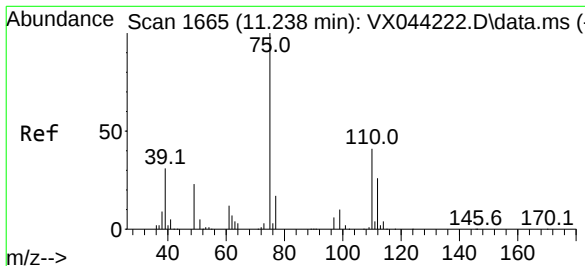
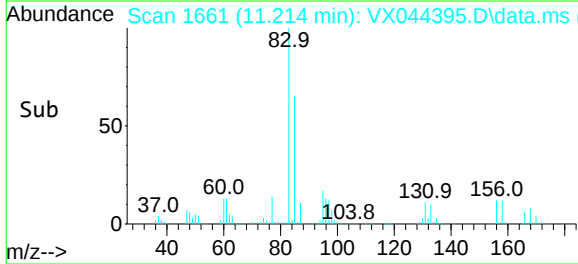
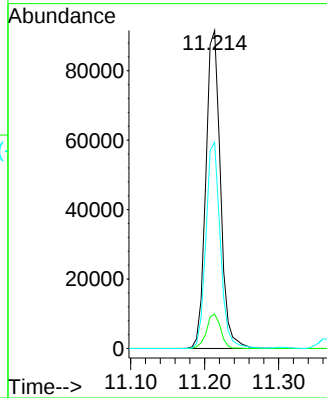
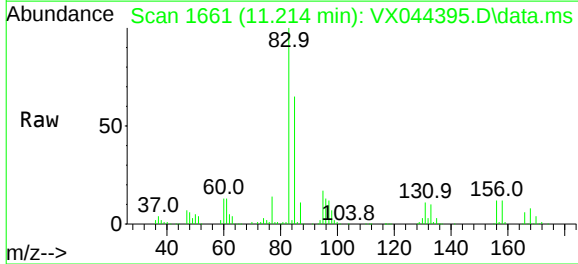
#75
1,1,2,2-Tetrachloroethane
Concen: 51.128 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	125333
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	64.2	32.5	97.4

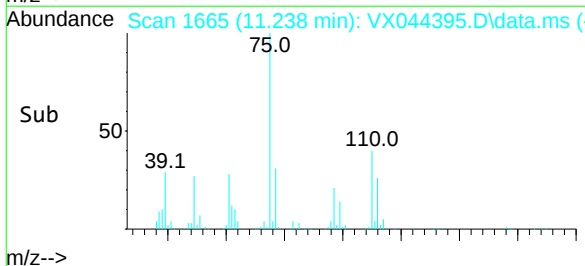
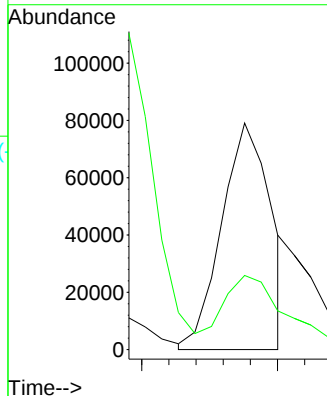
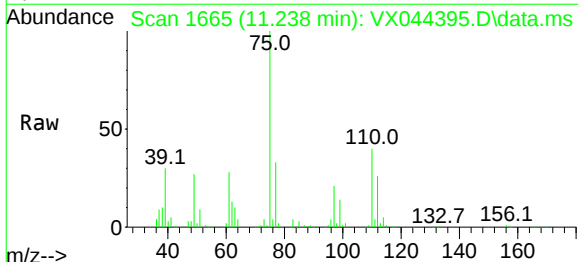
Manual Integrations
APPROVED

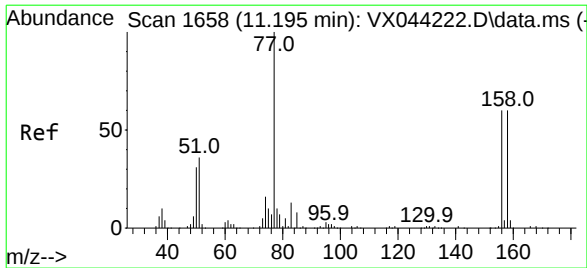
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76
1,2,3-Trichloropropane
Concen: 48.329 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:	75	Resp:	99482
Ion	Ratio	Lower	Upper
75	100		
77	42.8	20.9	62.7





#77

Bromobenzene

Concen: 50.614 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

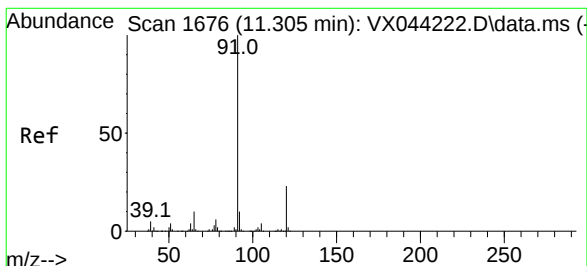
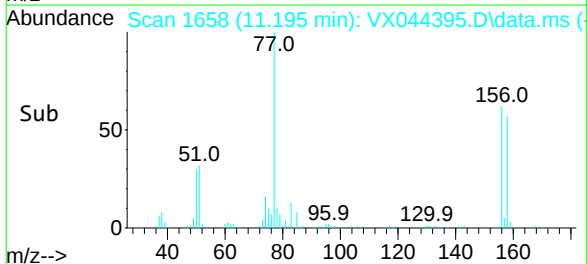
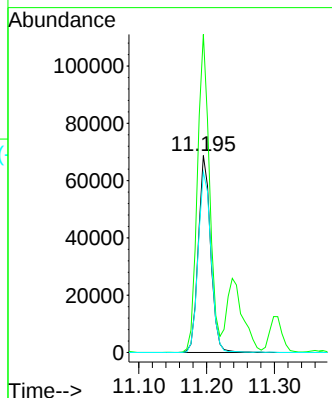
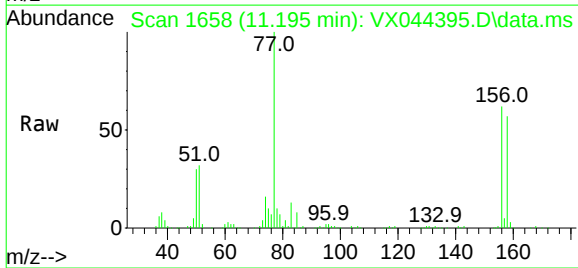
Tgt Ion:	156	Resp:	86623
Ion Ratio	Lower	Upper	
156	100		
77	159.2	82.6	247.8
158	96.0	48.8	146.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#78

n-propylbenzene

Concen: 49.070 ug/l

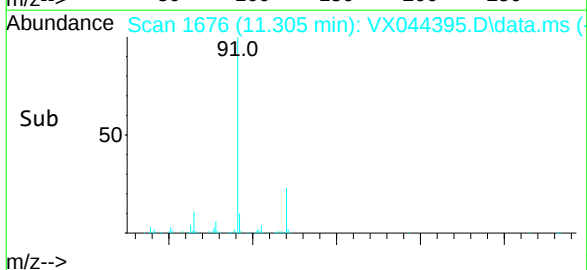
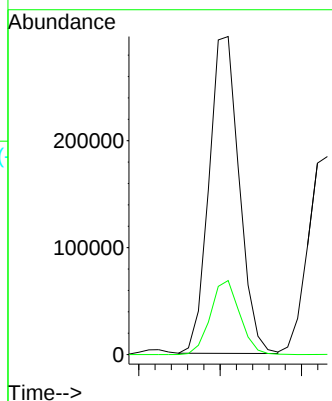
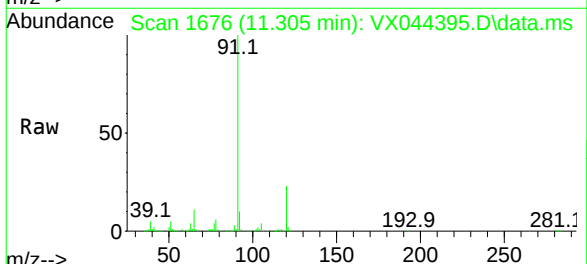
RT: 11.305 min Scan# 1676

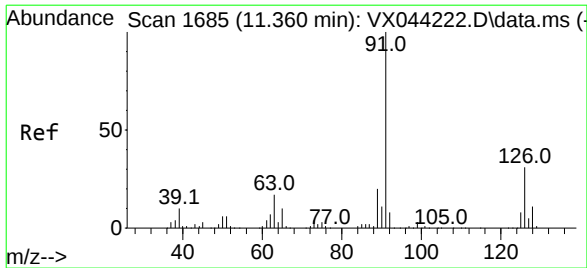
Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion:	91	Resp:	382775
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.0	33.0





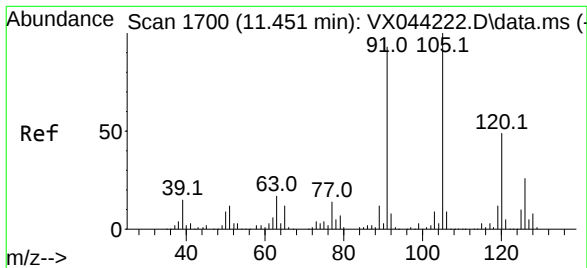
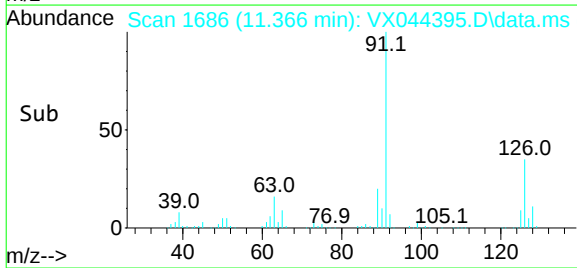
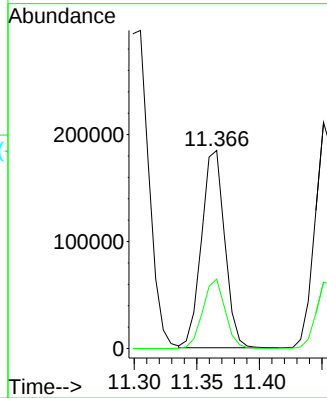
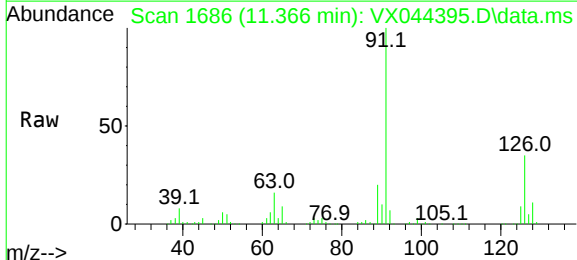
#79
2-Chlorotoluene
Concen: 47.227 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 238254
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.1

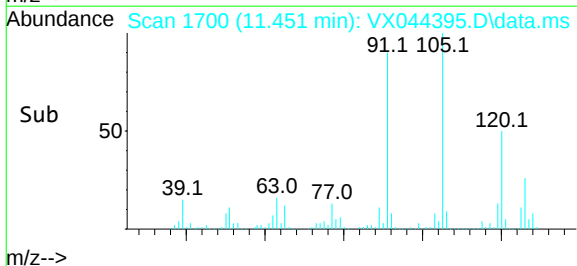
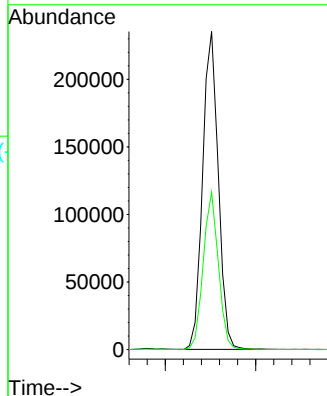
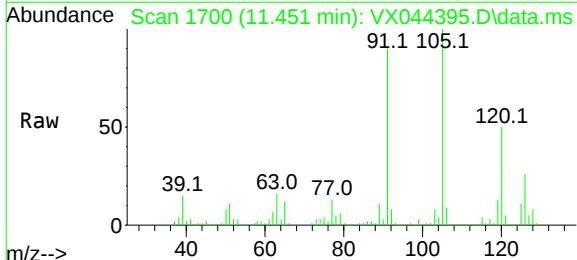
Manual Integrations
APPROVED

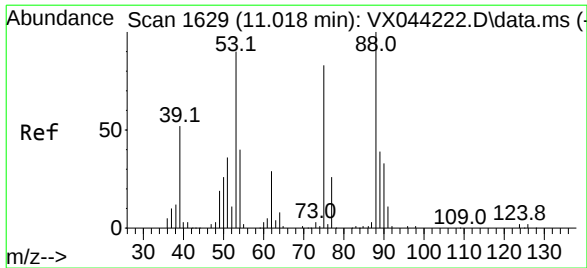
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.394 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

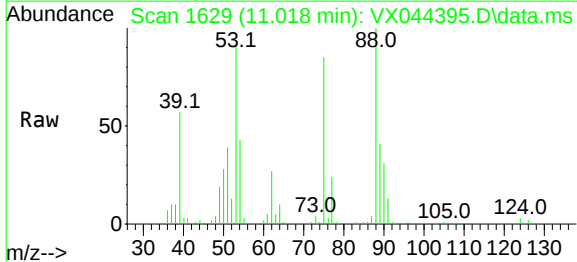
Tgt Ion:105 Resp: 283243
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 44.685 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

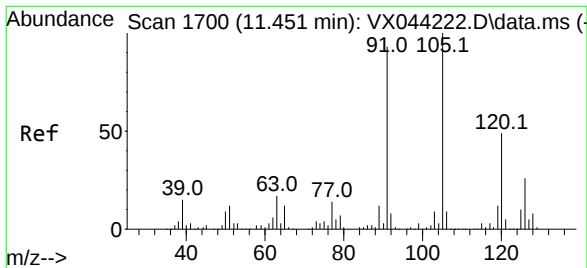
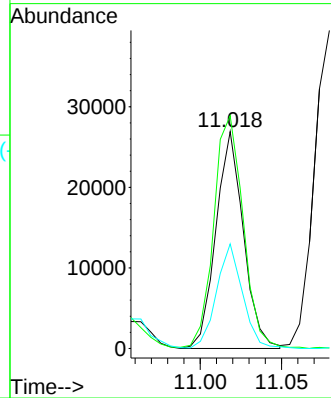
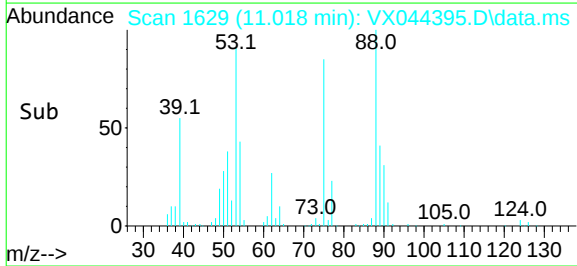
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31620
Ion Ratio Lower Upper
75 100
53 115.1 93.6 140.4
89 45.6 37.3 55.9

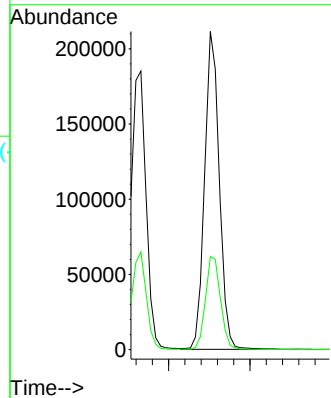
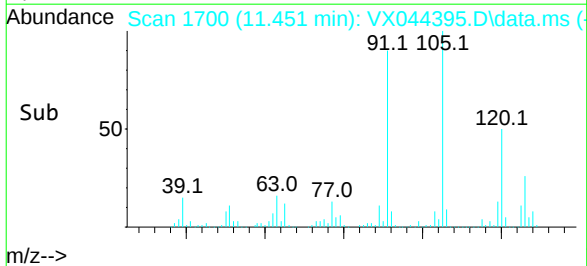
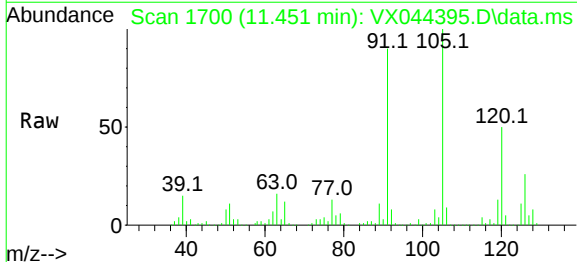
Manual Integrations
APPROVED

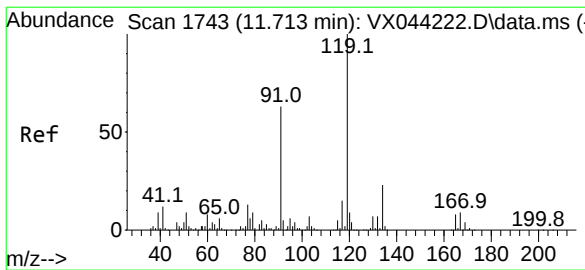
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 47.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion: 91 Resp: 264905
Ion Ratio Lower Upper
91 100
126 30.1 14.5 43.5





#83

tert-Butylbenzene

Concen: 48.916 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 282938

Ion Ratio Lower Upper

119 100

91 61.3 30.9 92.5

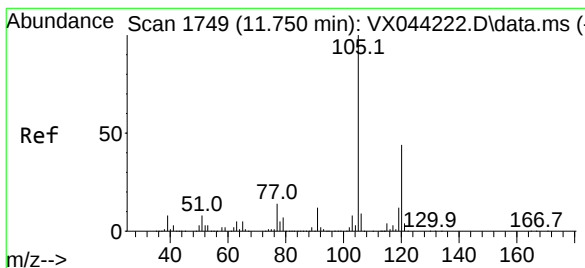
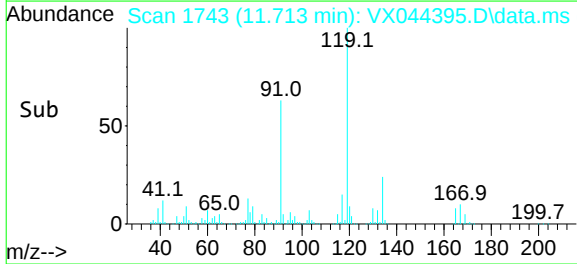
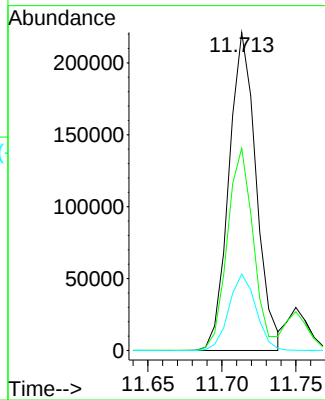
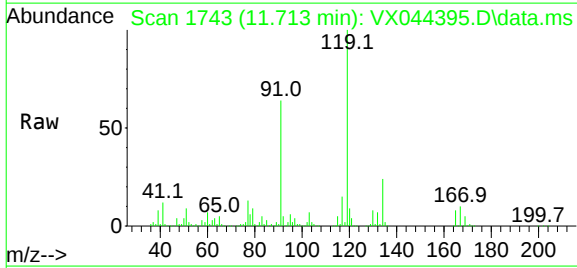
134 23.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044395.D

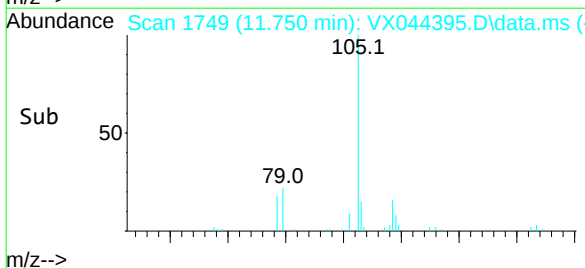
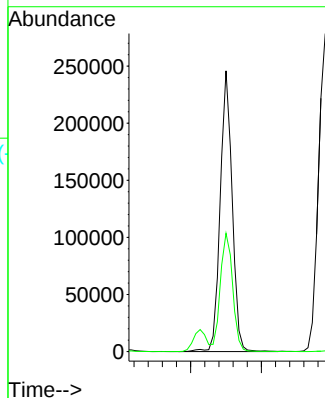
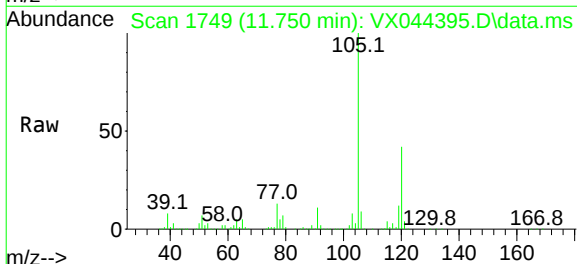
Acq: 18 Dec 2024 19:52

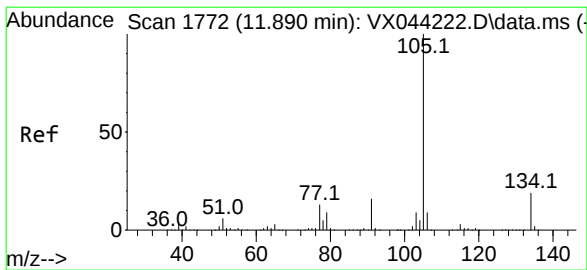
Tgt Ion:105 Resp: 287742

Ion Ratio Lower Upper

105 100

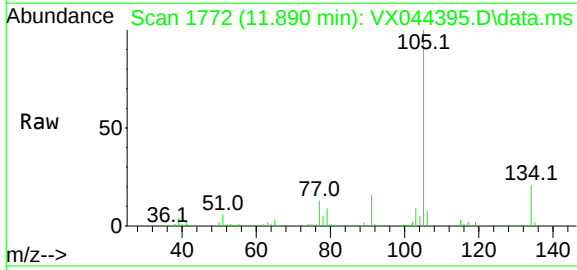
120 43.9 21.7 65.1





#85
sec-Butylbenzene
Concen: 48.287 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

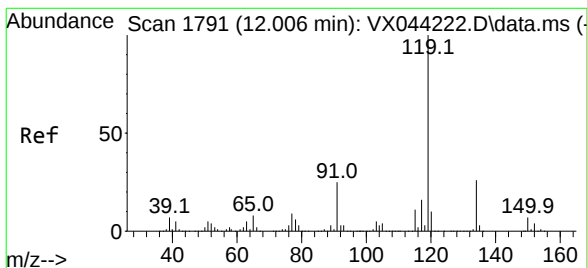
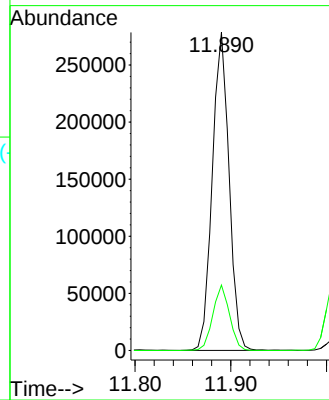
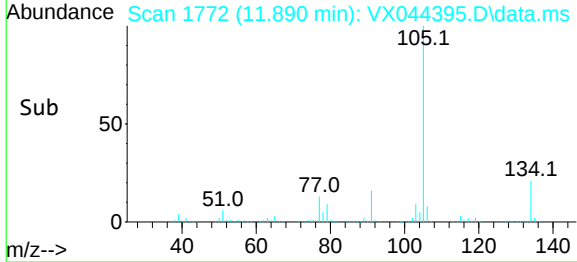
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



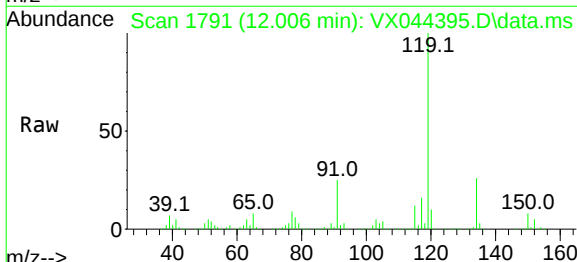
Tgt Ion:105 Resp: 339068
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.4

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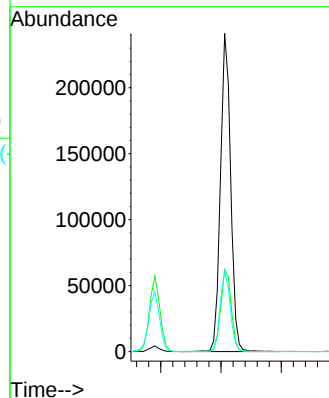
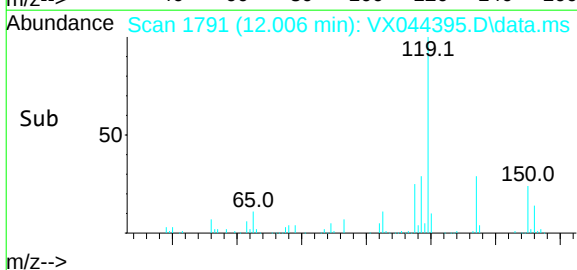
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

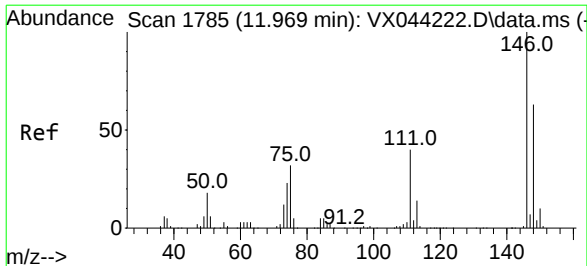


#86
p-Isopropyltoluene
Concen: 48.641 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion:119 Resp: 284281
Ion Ratio Lower Upper
119 100
134 26.6 12.8 38.4
91 25.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 49.564 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

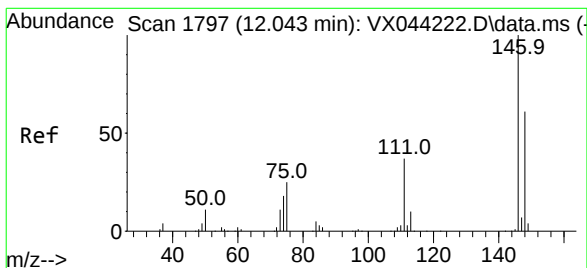
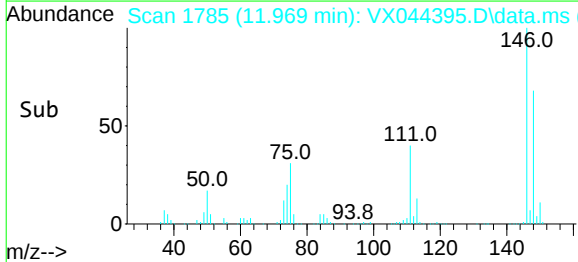
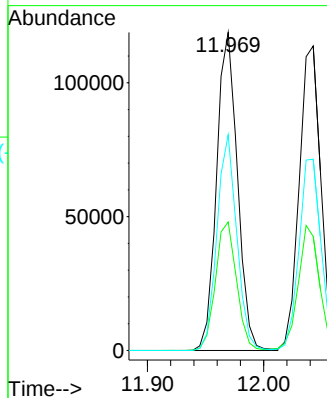
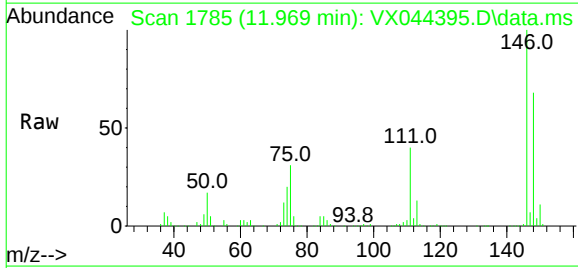
Tgt Ion:	146	Resp:	148170
Ion Ratio	Lower	Upper	
146	100		
111	40.9	21.4	64.2
148	64.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 48.473 ug/l

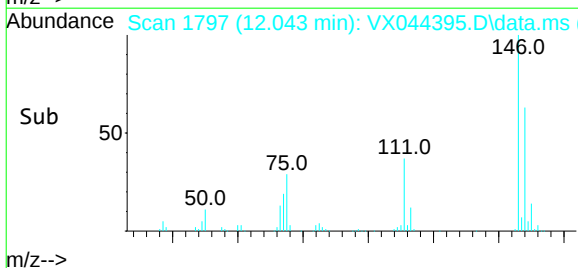
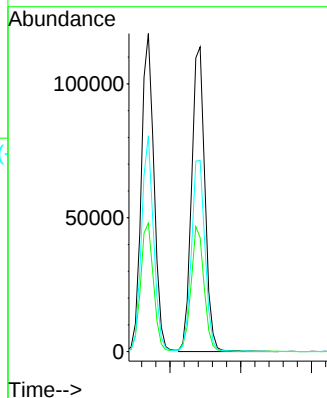
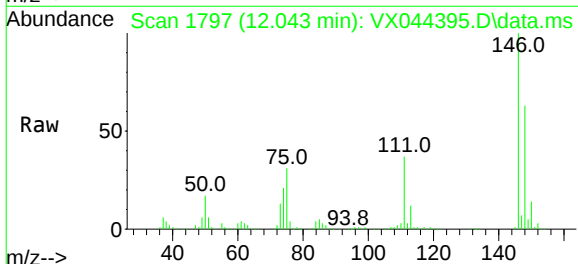
RT: 12.043 min Scan# 1797

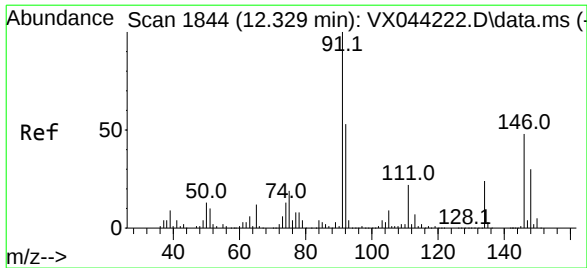
Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

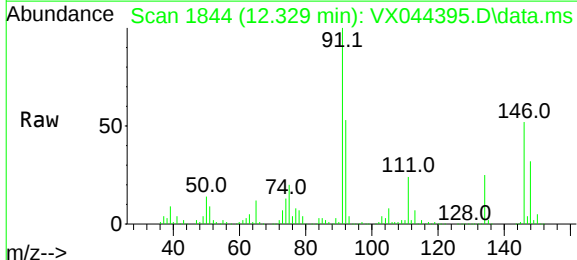
Tgt Ion:	146	Resp:	148965
Ion Ratio	Lower	Upper	
146	100		
111	39.9	21.0	63.0
148	63.4	32.3	96.8





#89
n-Butylbenzene
Concen: 48.803 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

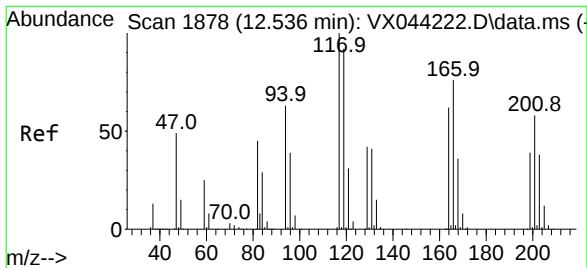
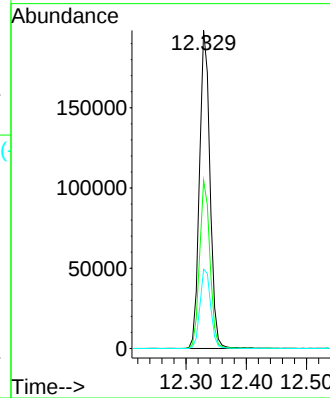
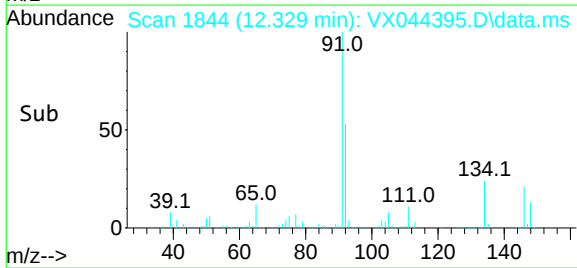
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 239841
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.7
134 25.3 12.6 37.8

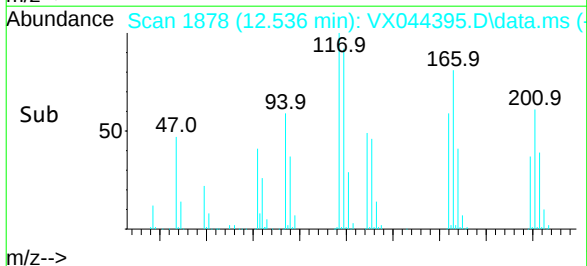
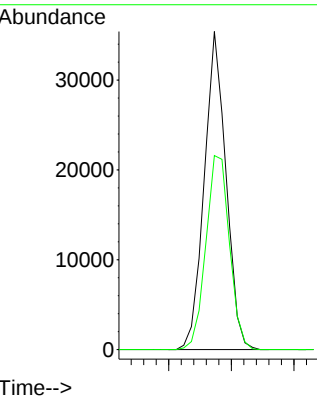
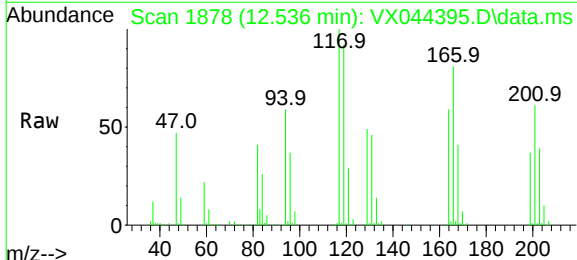
Manual Integrations
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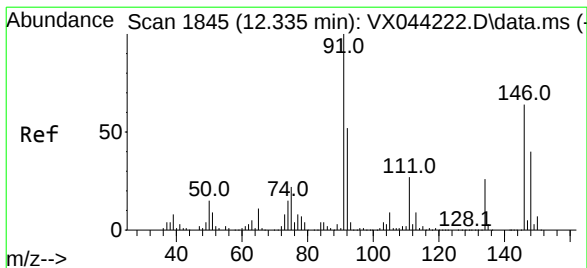
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 50.075 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

Tgt Ion:117 Resp: 42721
Ion Ratio Lower Upper
117 100
201 66.2 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 49.849 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044395.D

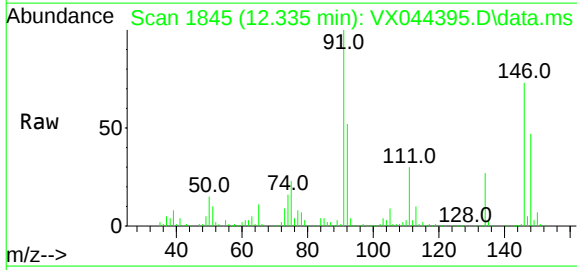
Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 146 Resp: 154736

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.3

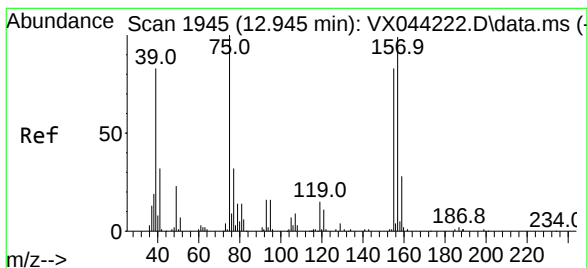
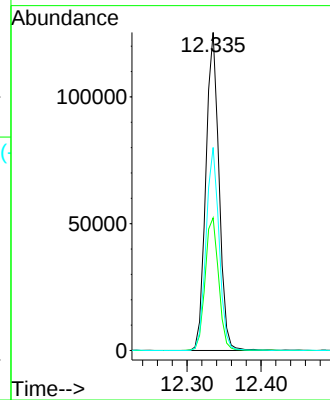
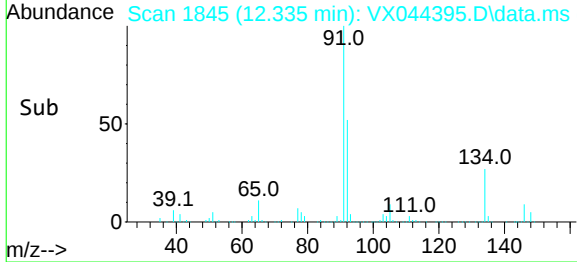
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.520 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

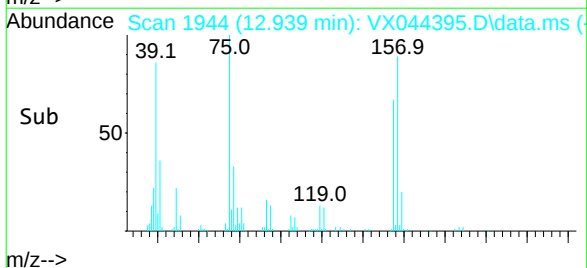
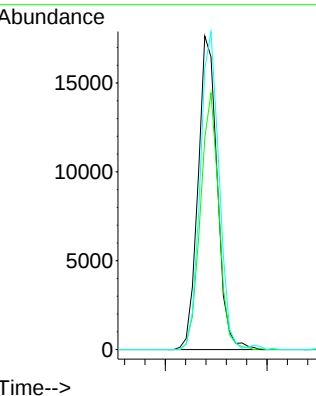
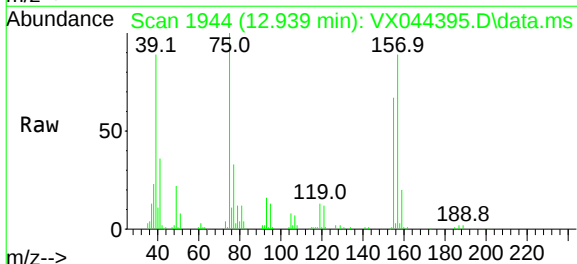
Tgt Ion: 75 Resp: 23089

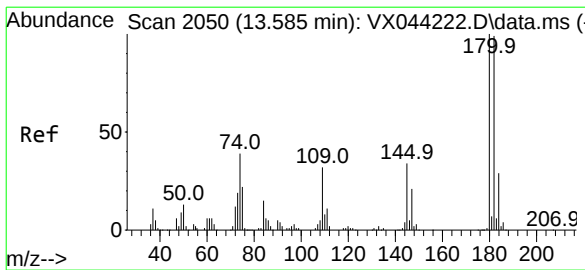
Ion Ratio Lower Upper

75 100

155 78.3 38.1 114.3

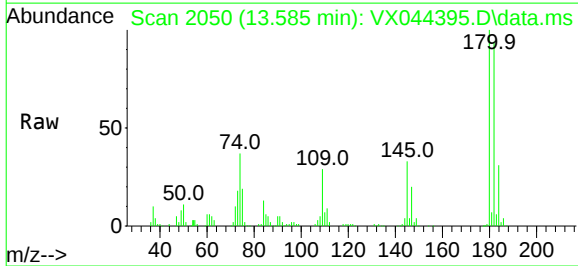
157 99.4 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 50.503 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52

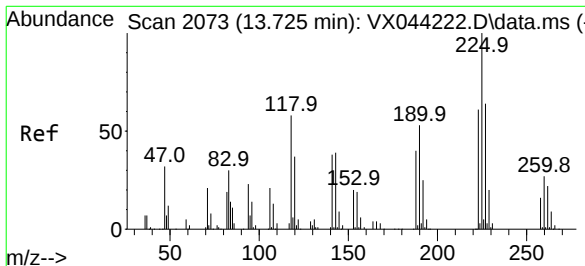
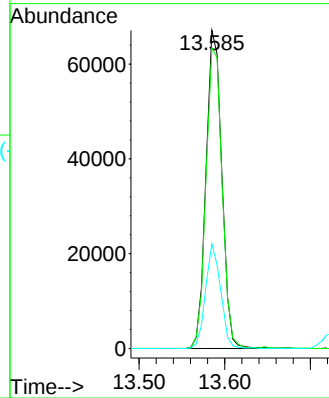
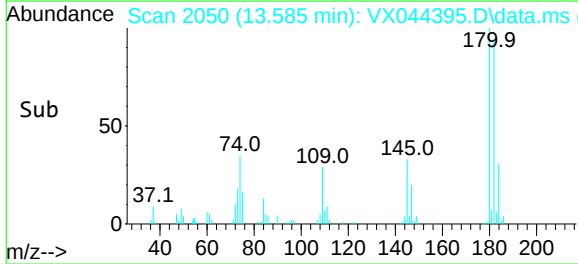
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



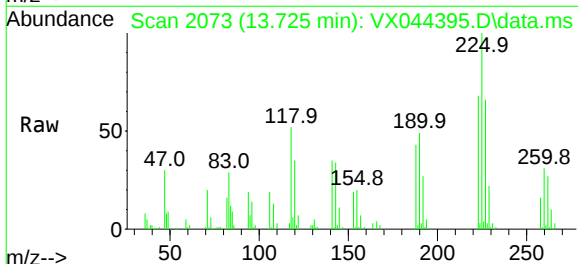
Tgt Ion:180 Resp: 85945
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.2
145 31.4 16.6 49.7

Manual Integrations
APPROVED

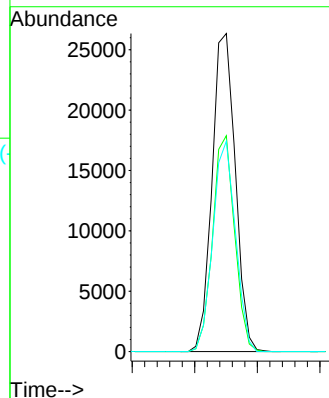
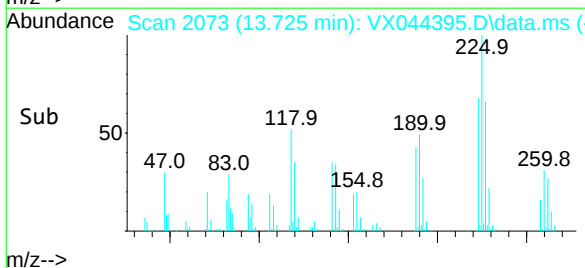
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

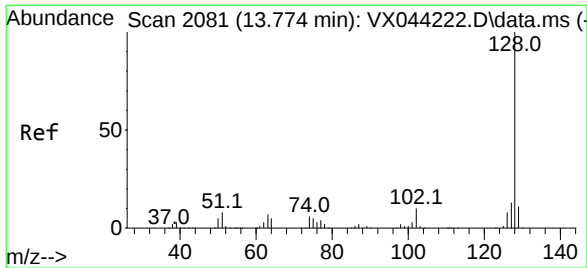


#94
Hexachlorobutadiene
Concen: 49.682 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044395.D
Acq: 18 Dec 2024 19:52



Tgt Ion:225 Resp: 34008
Ion Ratio Lower Upper
225 100
223 64.3 30.8 92.4
227 64.4 32.1 96.3





#95

Naphthalene

Concen: 48.907 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

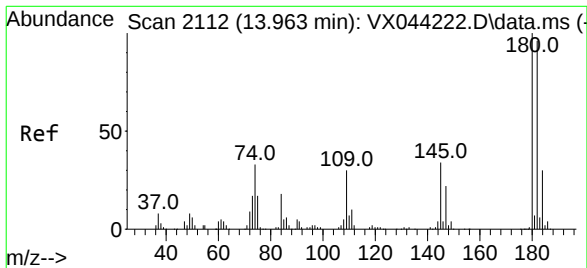
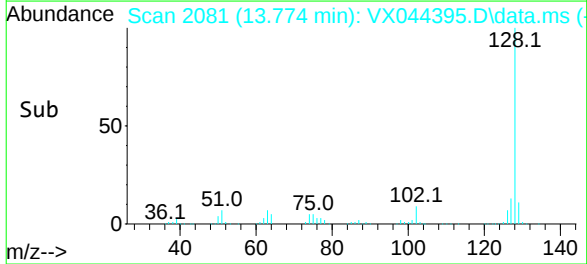
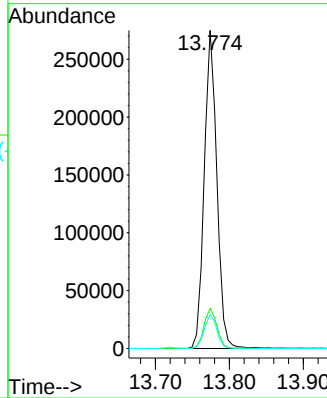
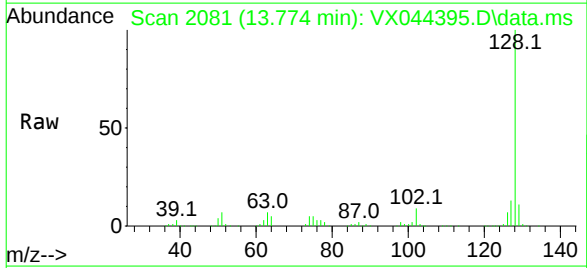
Tgt Ion:	128	Resp:	324880
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.326 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044395.D

Acq: 18 Dec 2024 19:52

Tgt Ion:	180	Resp:	90839
Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.0
145	33.5	17.7	53.1

