

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034599.D
 Acq On : 17 Mar 2023 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Quant Time: Mar 20 00:09:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	251561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	188974	51.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.280%			
35) Dibromofluoromethane	5.385	113	145141	50.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.647	98	532125	49.488	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.980%			
62) 4-Bromofluorobenzene	11.079	95	252271	58.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97160	41.429	ug/l	100
3) Chloromethane	1.307	50	138108	38.576	ug/l	99
4) Vinyl Chloride	1.374	62	137485	43.054	ug/l	100
5) Bromomethane	1.599	94	71399	44.315	ug/l	94
6) Chloroethane	1.678	64	90909	49.445	ug/l	99
7) Trichlorofluoromethane	1.880	101	229118	47.751	ug/l	99
8) Diethyl Ether	2.130	74	86712	49.505	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	121928	43.603	ug/l	99
10) Methyl Iodide	2.447	142	166725	45.414	ug/l	98
11) Tert butyl alcohol	2.965	59	209204	274.508	ug/l	100
12) 1,1-Dichloroethene	2.313	96	118270	42.946	ug/l	92
13) Acrolein	2.233	56	166510	276.182	ug/l	100
14) Allyl chloride	2.660	41	234006	41.912	ug/l	97
15) Acrylonitrile	3.062	53	417996	253.902	ug/l	99
16) Acetone	2.380	43	377987	219.262	ug/l	98
17) Carbon Disulfide	2.508	76	260888	33.663	ug/l	100
18) Methyl Acetate	2.703	43	286606	50.881	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	461992	46.854	ug/l	99
20) Methylene Chloride	2.788	84	147246	44.010	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	127793	43.695	ug/l	97
22) Diisopropyl ether	3.757	45	496961	46.685	ug/l	95
23) Vinyl Acetate	3.721	43	1948101	240.462	ug/l	98
24) 1,1-Dichloroethane	3.611	63	258283	45.137	ug/l	99
25) 2-Butanone	4.556	43	610481	247.492	ug/l	99
26) 2,2-Dichloropropane	4.471	77	184285	37.050	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	157035	44.603	ug/l	100
28) Bromochloromethane	4.904	49	114960	43.207	ug/l	98
29) Tetrahydrofuran	5.001	42	394695	259.313	ug/l	99
30) Chloroform	5.092	83	266558	47.522	ug/l	99
31) Cyclohexane	5.470	56	215904	42.066	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	225940	45.501	ug/l	98
36) 1,1-Dichloropropene	5.690	75	185401	41.908	ug/l	99
37) Ethyl Acetate	4.715	43	235408	48.707	ug/l	99
38) Carbon Tetrachloride	5.678	117	189968	43.164	ug/l	96
39) Methylcyclohexane	7.379	83	214327	40.482	ug/l	96
40) Benzene	6.037	78	559331	43.218	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	129829	49.015	ug/l	99
42) 1,2-Dichloroethane	6.086	62	226612	47.643	ug/l	99
43) Isopropyl Acetate	6.342	43	389355	47.554	ug/l	100
44) Trichloroethene	7.123	130	140723	41.849	ug/l	98
45) 1,2-Dichloropropane	7.427	63	151954	44.967	ug/l	98
46) Dibromomethane	7.580	93	104258	45.381	ug/l	100
47) Bromodichloromethane	7.824	83	204015	45.884	ug/l	98
48) Methyl methacrylate	7.690	41	189343	48.083	ug/l	98
49) 1,4-Dioxane	7.659	88	87755	1061.001	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1246732	262.484	ug/l	98
52) Toluene	8.720	92	357495	44.617	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	223493	44.617	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	235017	43.366	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	153150	48.162	ug/l	98
56) Ethyl methacrylate	9.116	69	248594	47.614	ug/l	97
57) 1,3-Dichloropropane	9.305	76	262491	46.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	651498	242.131	ug/l	99
59) 2-Hexanone	9.433	43	959524	261.334	ug/l	99
60) Dibromochloromethane	9.519	129	153605	46.058	ug/l	99
61) 1,2-Dibromoethane	9.610	107	158582	46.215	ug/l	100
64) Tetrachloroethene	9.275	164	115701	43.278	ug/l	98
65) Chlorobenzene	10.079	112	386008	44.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142642	44.851	ug/l	99
67) Ethyl Benzene	10.195	91	709965	45.416	ug/l	100
68) m/p-Xylenes	10.299	106	542953	90.414	ug/l	98
69) o-Xylene	10.640	106	270679	44.915	ug/l	100
70) Styrene	10.652	104	455816	46.880	ug/l	100
71) Bromoform	10.799	173	116828	47.722	ug/l #	99
73) Isopropylbenzene	10.963	105	795053	46.776	ug/l	99
74) N-amyl acetate	10.841	43	389732	47.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	277237	48.879	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	234951m	46.529	ug/l	
77) Bromobenzene	11.201	156	190365	46.681	ug/l	98
78) n-propylbenzene	11.305	91	925223	47.134	ug/l	99
79) 2-Chlorotoluene	11.366	91	584457	48.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	688846	48.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78475	42.043	ug/l	93
82) 4-Chlorotoluene	11.457	91	670410	48.009	ug/l	99
83) tert-Butylbenzene	11.713	119	687754	47.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	690234	47.373	ug/l	97
85) sec-Butylbenzene	11.890	105	823199	46.844	ug/l	99
86) p-Isopropyltoluene	12.012	119	672961	45.565	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	350138	43.821	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	350330	43.362	ug/l	99
89) n-Butylbenzene	12.335	91	599473	45.658	ug/l	99
90) Hexachloroethane	12.542	117	120889	44.236	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	354725	45.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62539	48.531	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	194944	40.371	ug/l	98
94) Hexachlorobutadiene	13.725	225	76623	39.388	ug/l	98
95) Naphthalene	13.774	128	692102	42.742	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	190705	40.402	ug/l	98

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VSTDCCC050EC

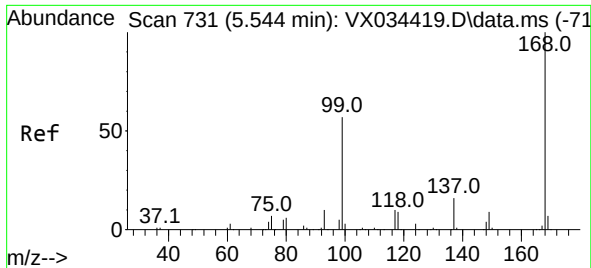
Manual Integrations
APPROVED

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



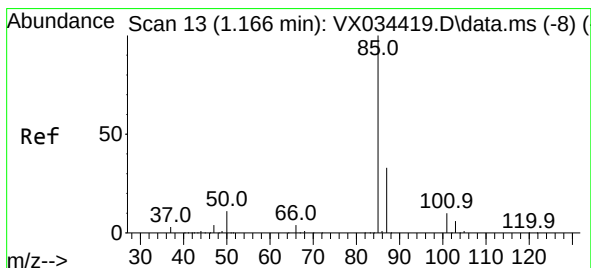
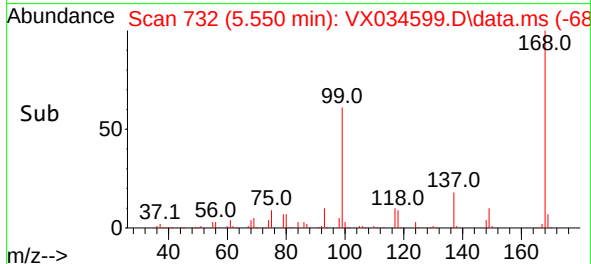
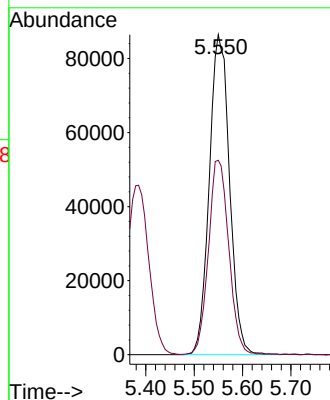
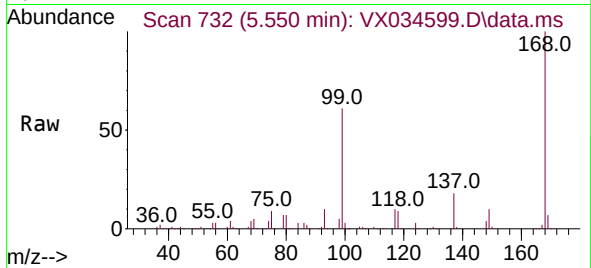
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034599.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 25156
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5

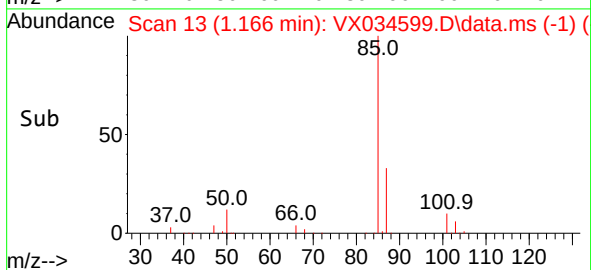
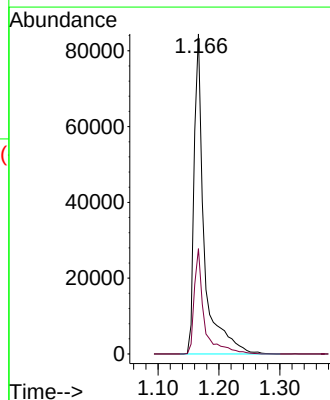
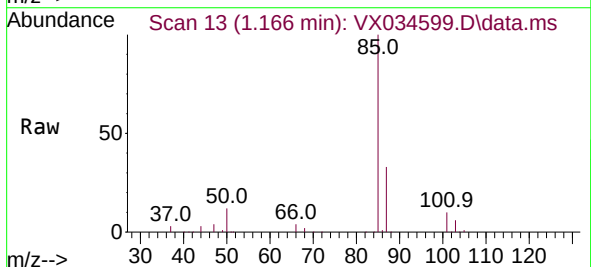
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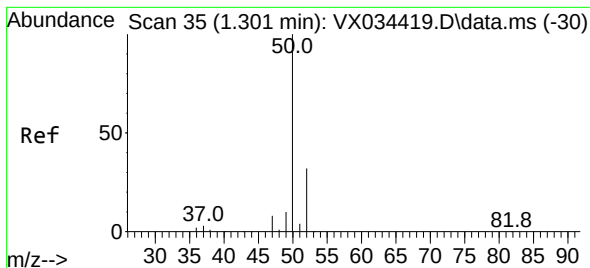
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#2
Dichlorodifluoromethane
Concen: 41.429 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 85 Resp: 97160
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





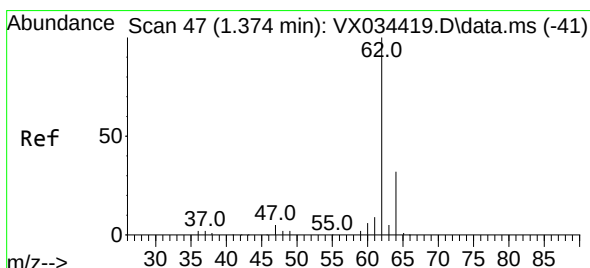
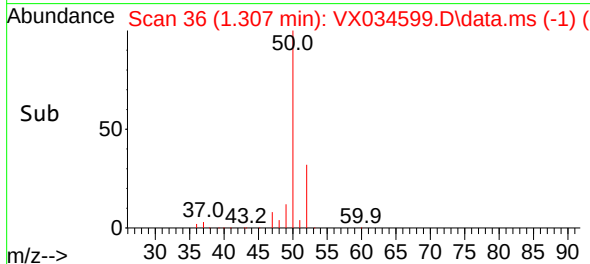
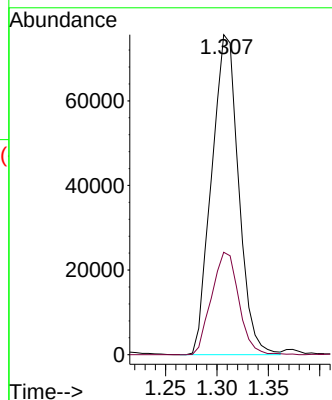
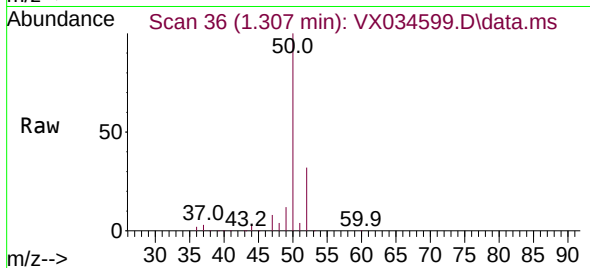
#3
Chloromethane
Concen: 38.576 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 138108
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

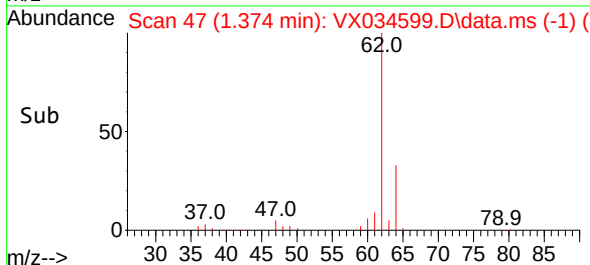
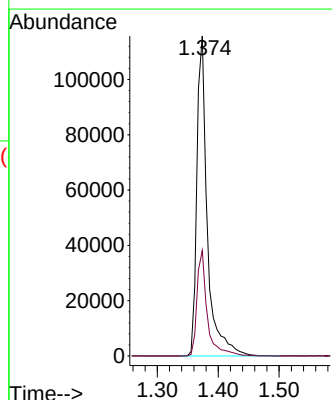
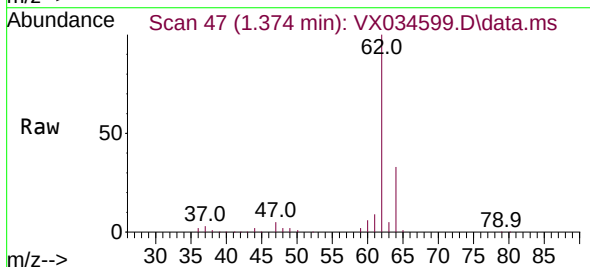
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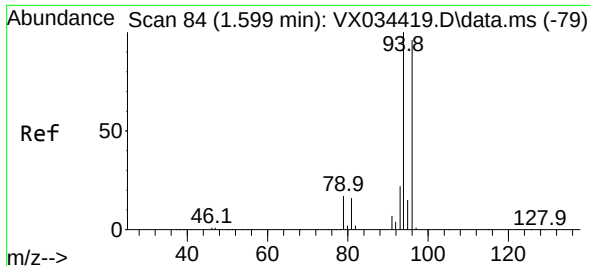
Reviewed By :John Carlone 03/20/2023
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#4
Vinyl Chloride
Concen: 43.054 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

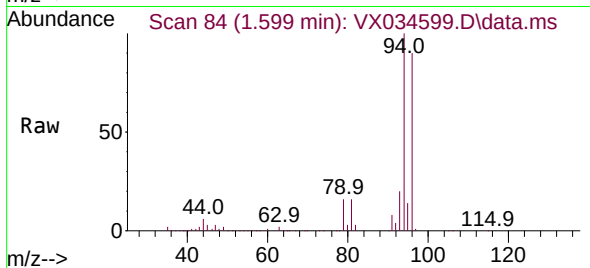
Tgt Ion: 62 Resp: 137485
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6





#5
Bromomethane
Concen: 44.315 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

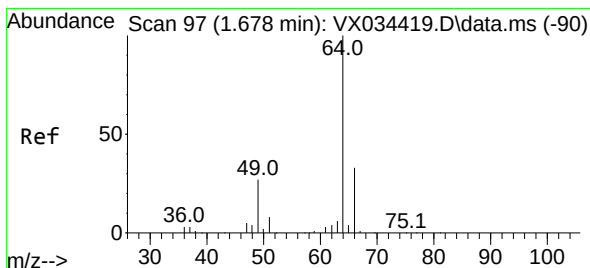
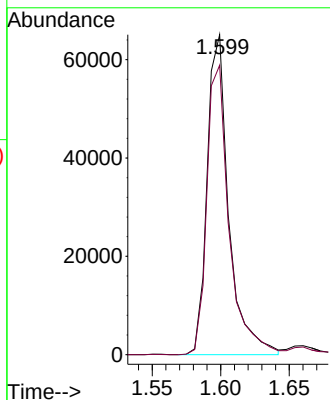
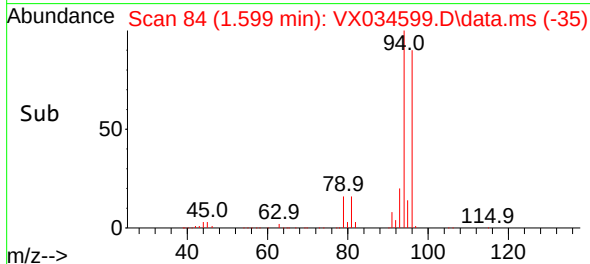
Instrument :
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Tgt Ion: 94 Resp: 71399
Ion Ratio Lower Upper
94 100
96 90.4 77.0 115.6

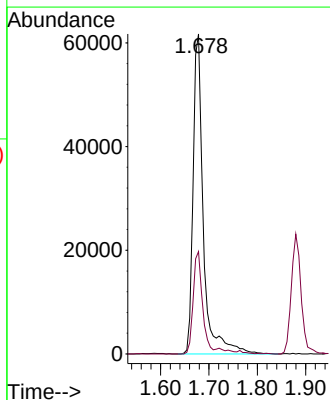
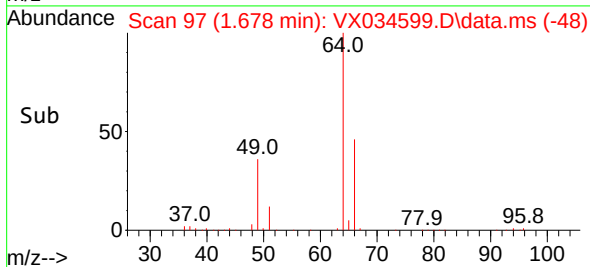
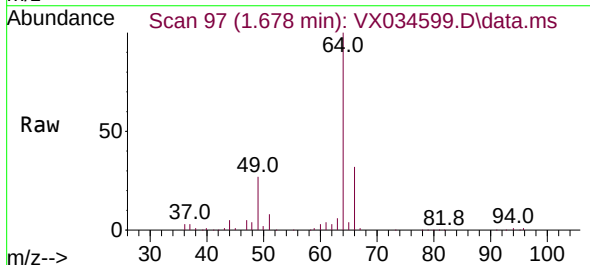
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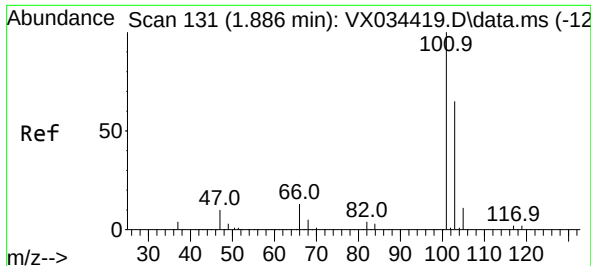
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#6
Chloroethane
Concen: 49.445 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034599.D
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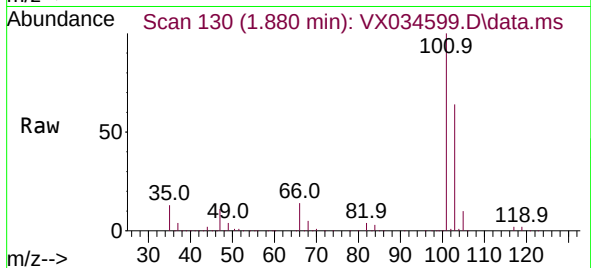
Tgt Ion: 64 Resp: 90909
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.751 ug/l
RT: 1.880 min Scan# 118
Delta R.T. -0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

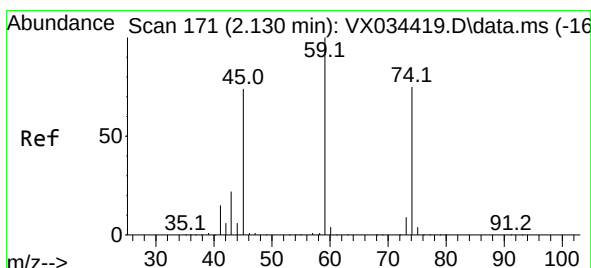
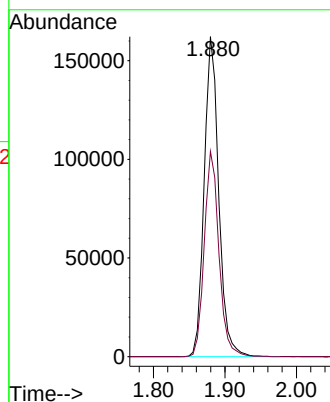
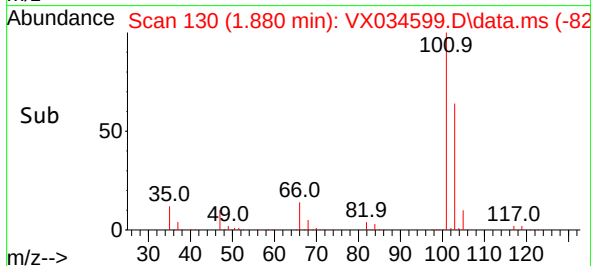
Instrument :
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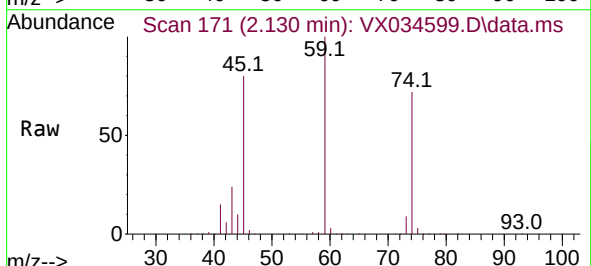
Tgt Ion:101 Resp: 229118
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

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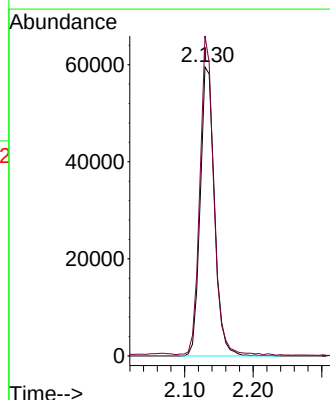
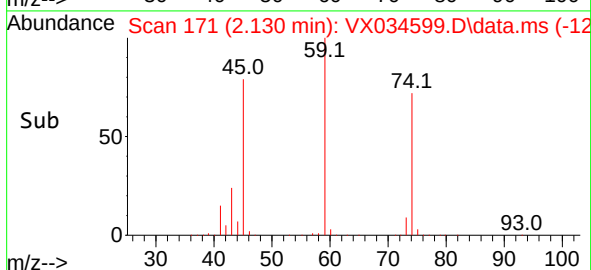
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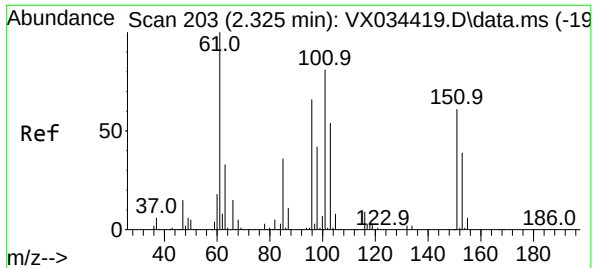


#8
Diethyl Ether
Concen: 49.505 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 74 Resp: 86712
Ion Ratio Lower Upper
74 100
45 107.8 49.8 149.3





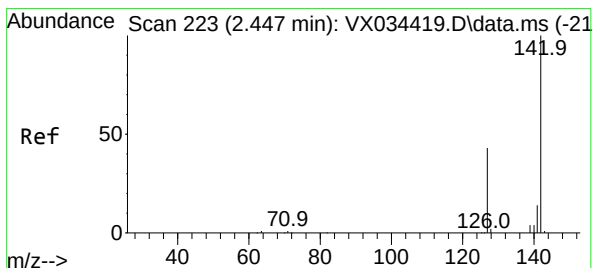
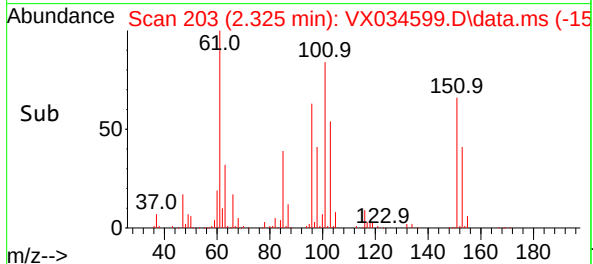
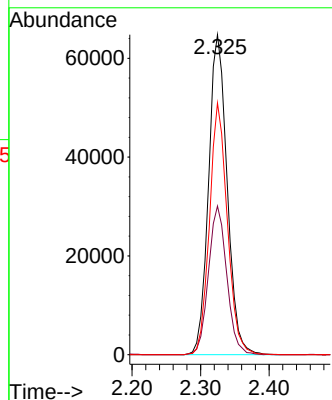
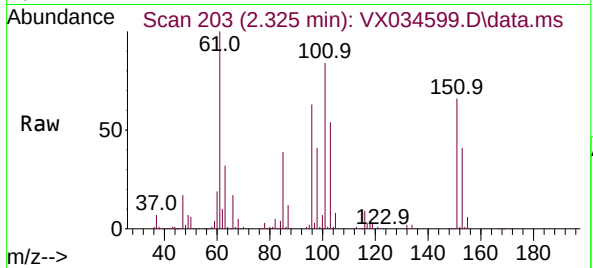
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1,1,2-Trichlorotrifluoroethane
Concen: 43.603 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 121928
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 75.8 60.2 90.4

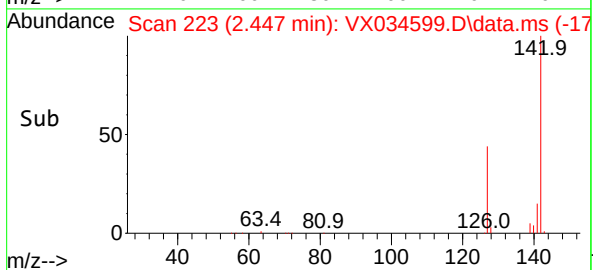
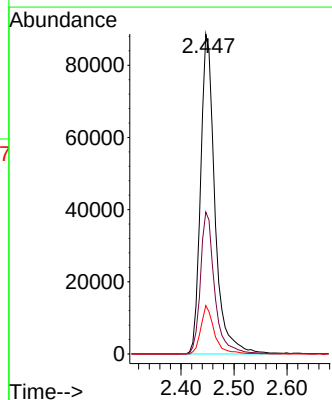
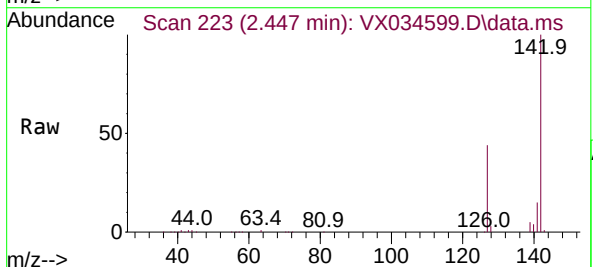
Manual Integrations
APPROVED

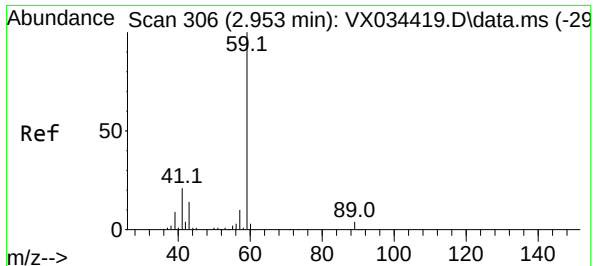
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#10
Methyl Iodide
Concen: 45.414 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion:142 Resp: 166725
Ion Ratio Lower Upper
142 100
127 44.0 34.0 51.0
141 14.3 11.1 16.7





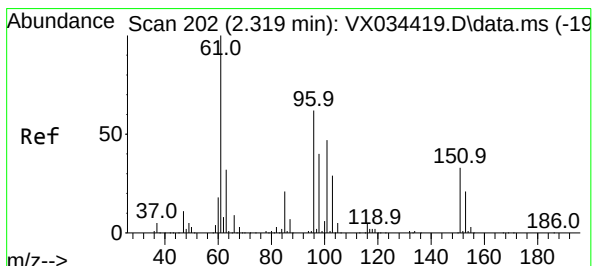
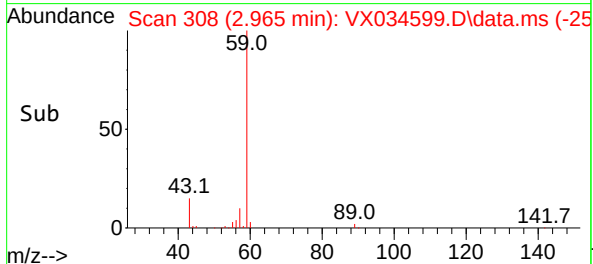
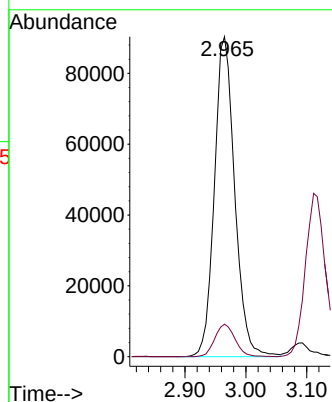
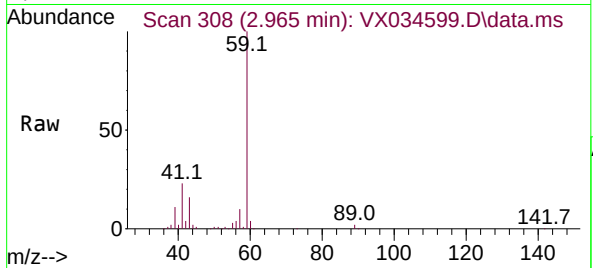
#11
Tert butyl alcohol
Concen: 274.508 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 209204
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

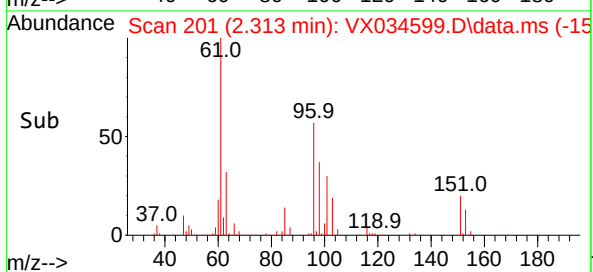
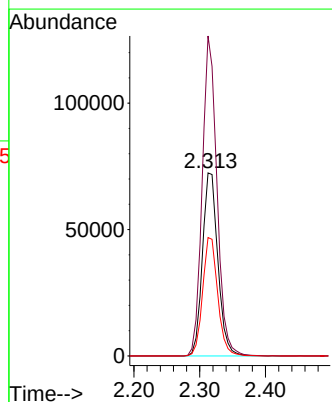
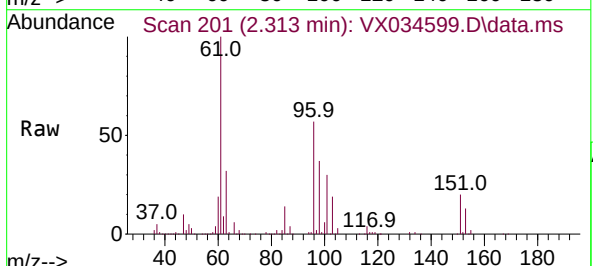
Manual Integrations
APPROVED

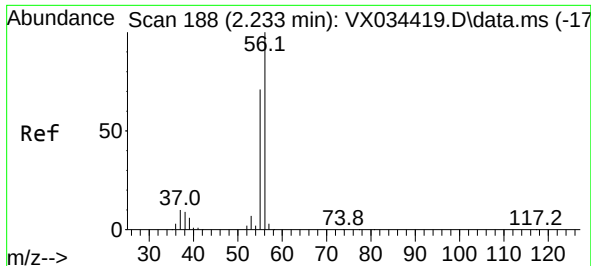
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#12
1,1-Dichloroethene
Concen: 42.946 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

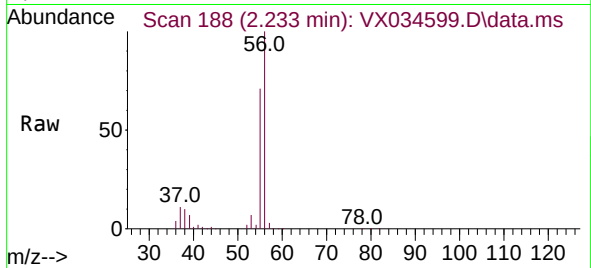
Tgt Ion: 96 Resp: 118270
Ion Ratio Lower Upper
96 100
61 174.8 128.8 193.2
98 64.7 51.4 77.0





#13
Acrolein
Concen: 276.182 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

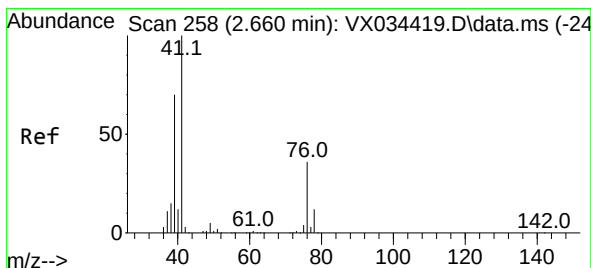
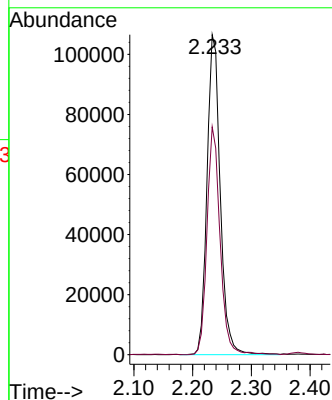
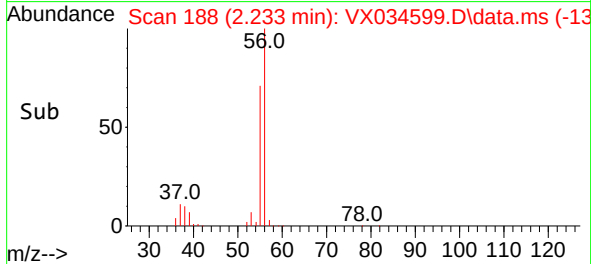
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 166510
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

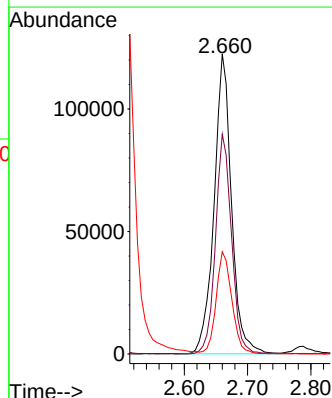
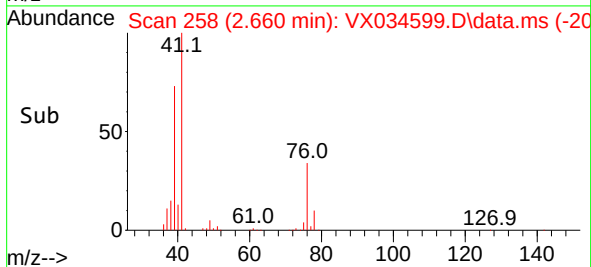
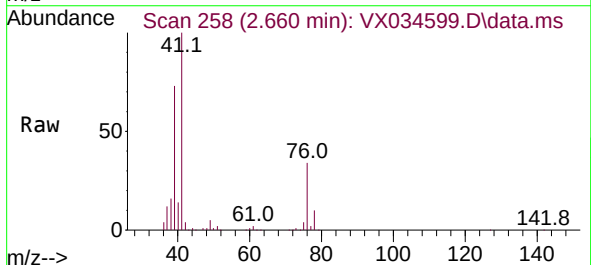
Manual Integrations
APPROVED

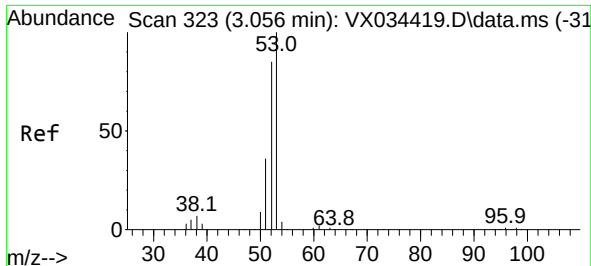
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#14
Allyl chloride
Concen: 41.912 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

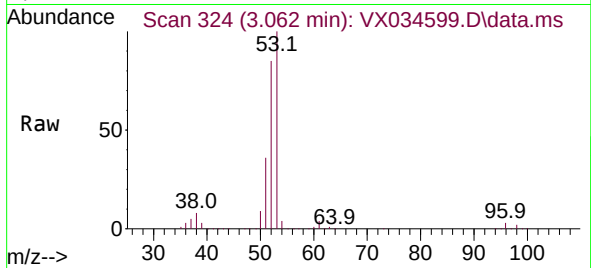
Tgt Ion: 41 Resp: 234006
Ion Ratio Lower Upper
41 100
39 67.9 52.4 78.6
76 30.9 26.0 39.0





#15
Acrylonitrile
Concen: 253.902 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

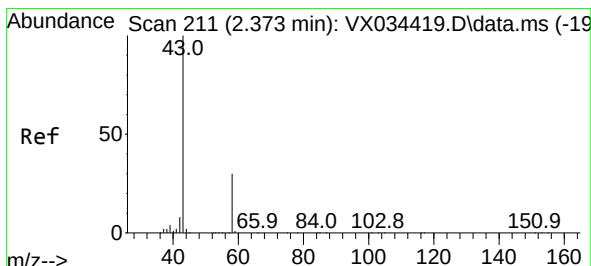
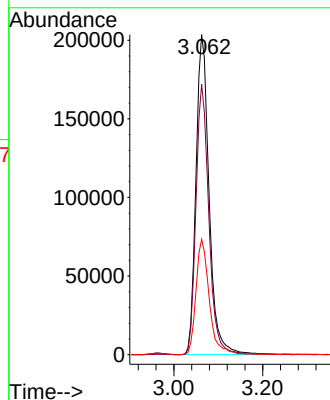
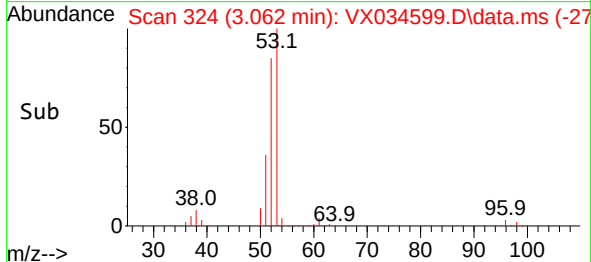
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 417990
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.4 28.3 42.5

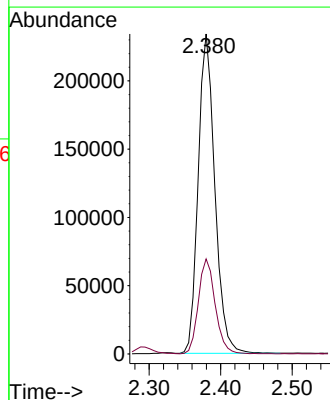
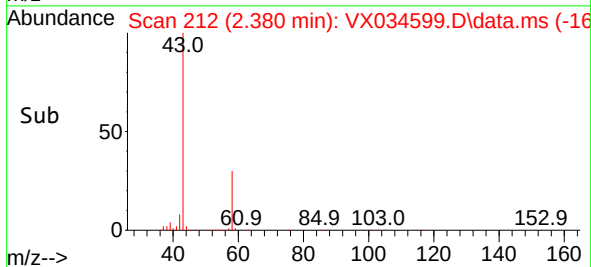
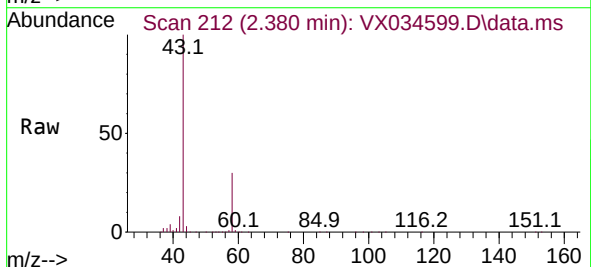
Manual Integrations
APPROVED

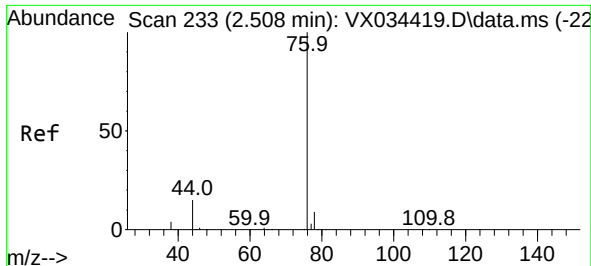
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#16
Acetone
Concen: 219.262 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

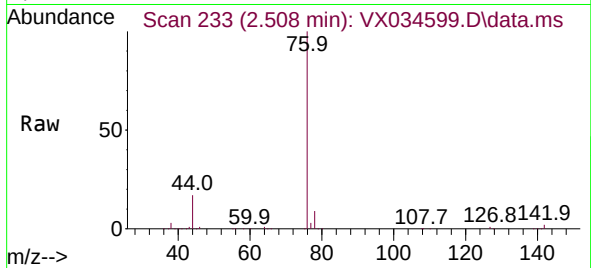
Tgt Ion: 43 Resp: 377987
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1





#17
Carbon Disulfide
Concen: 33.663 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

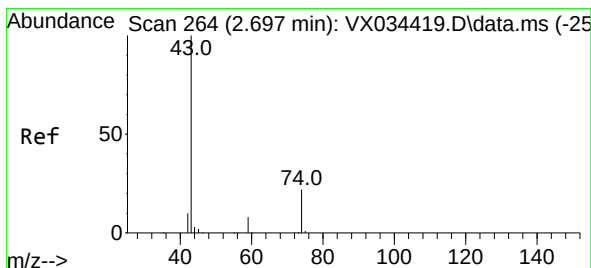
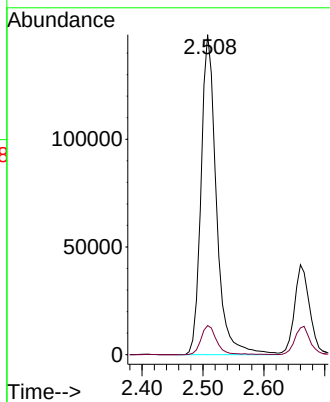
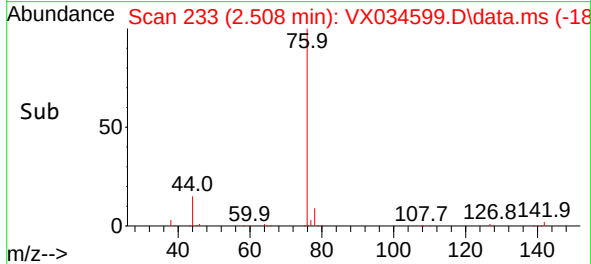
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



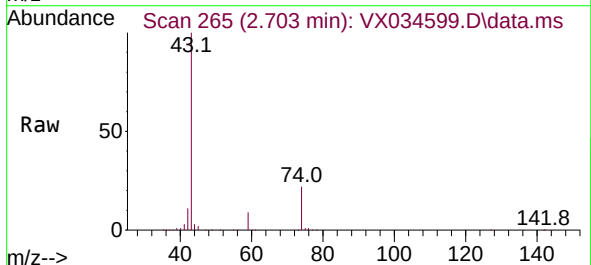
Tgt Ion: 76 Resp: 26088
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
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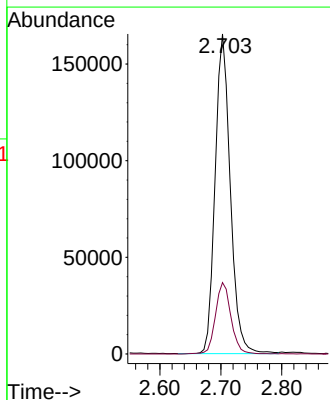
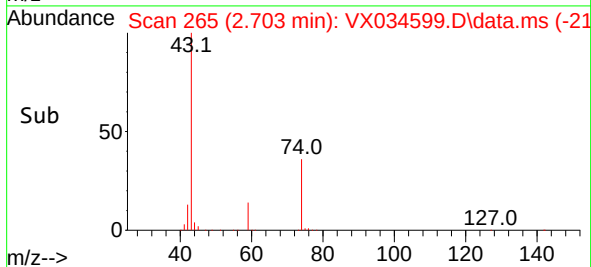
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

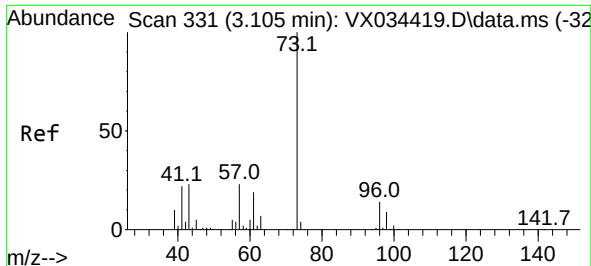


#18
Methyl Acetate
Concen: 50.881 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 43 Resp: 286606
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





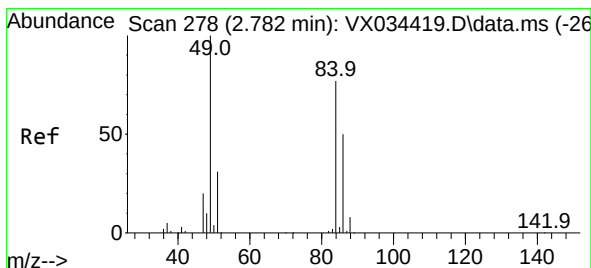
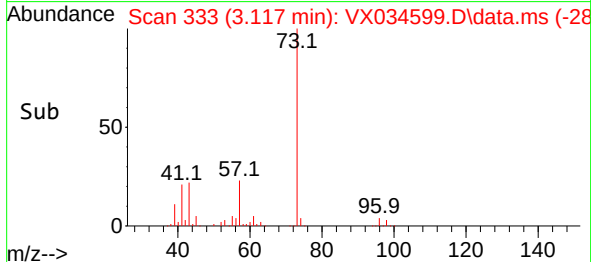
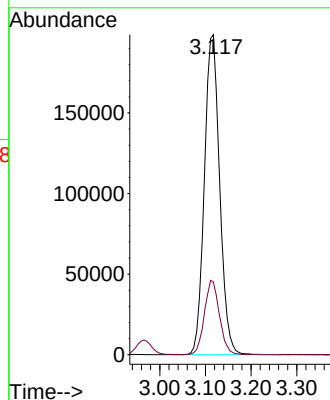
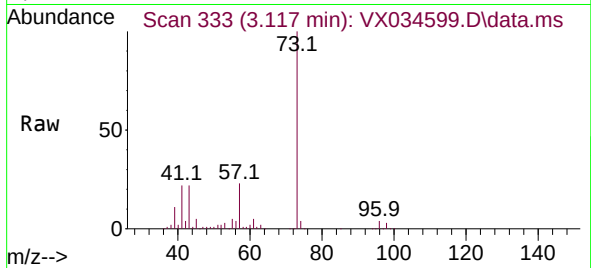
#19
Methyl tert-butyl Ether
Concen: 46.854 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 461992
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

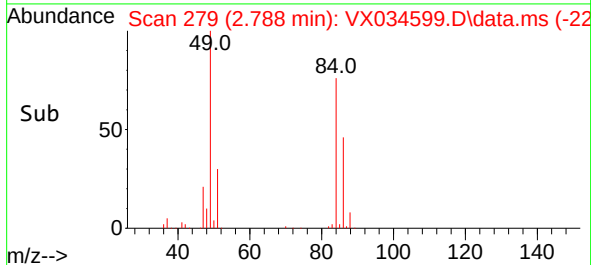
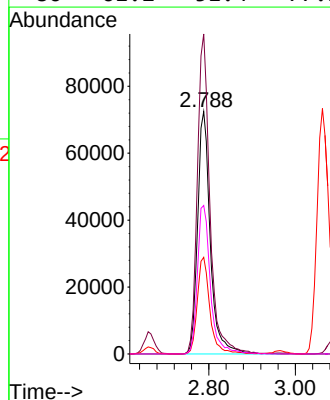
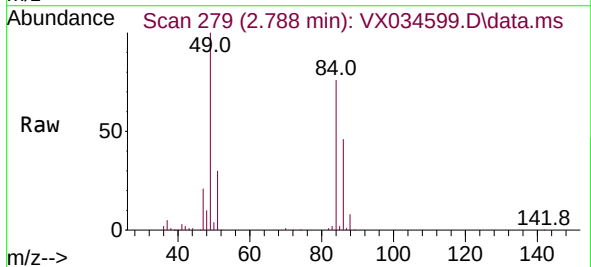
Manual Integrations
APPROVED

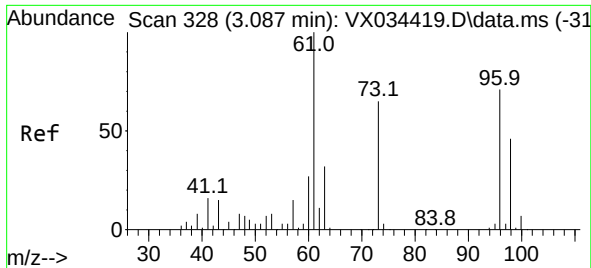
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#20
Methylene Chloride
Concen: 44.010 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

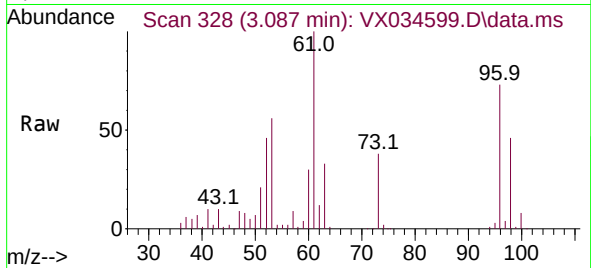
Tgt Ion: 84 Resp: 147246
Ion Ratio Lower Upper
84 100
49 132.0 103.8 155.8
51 39.9 31.8 47.8
86 61.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 43.695 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

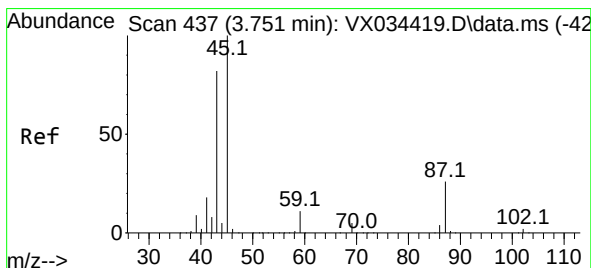
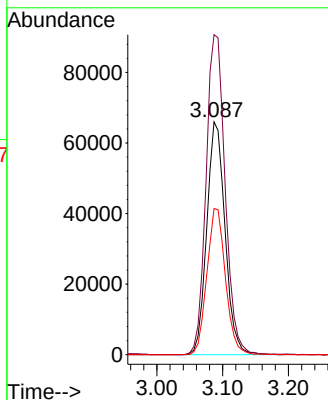
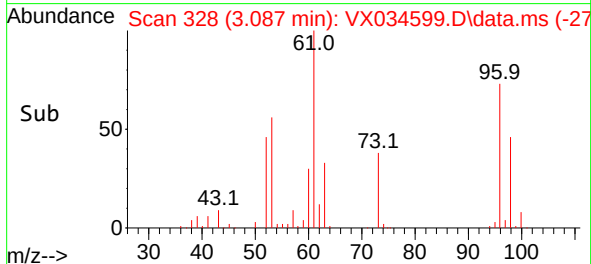
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



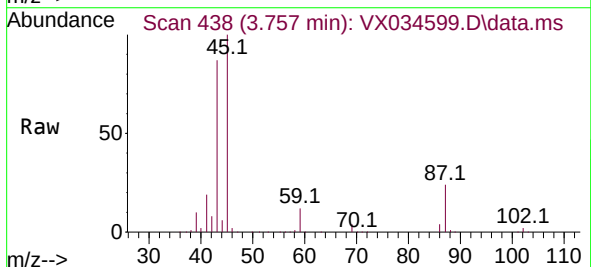
Tgt Ion: 96 Resp: 12779
Ion Ratio Lower Upper
96 100
61 137.5 113.0 169.6
98 62.8 52.1 78.1

Manual Integrations
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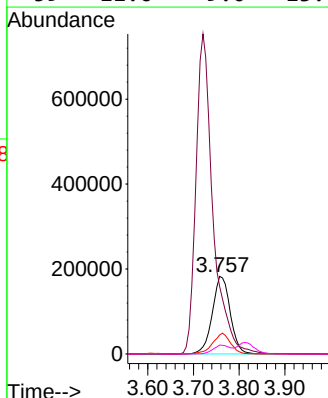
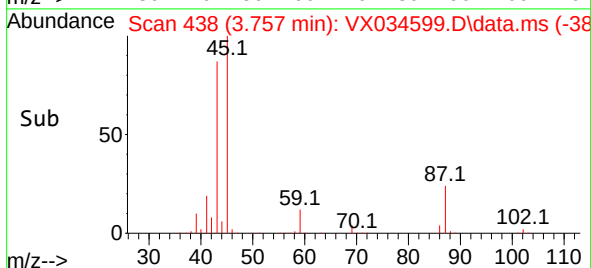
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

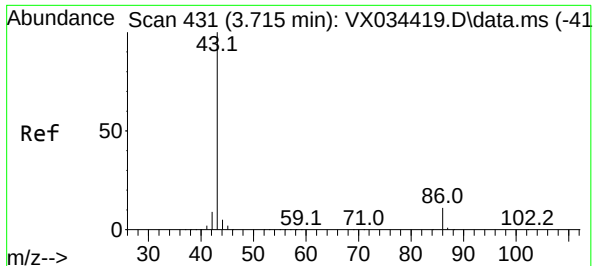


#22
Diisopropyl ether
Concen: 46.685 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 45 Resp: 496961
Ion Ratio Lower Upper
45 100
43 87.0 65.4 98.2
87 24.5 20.6 31.0
59 11.6 9.0 13.6





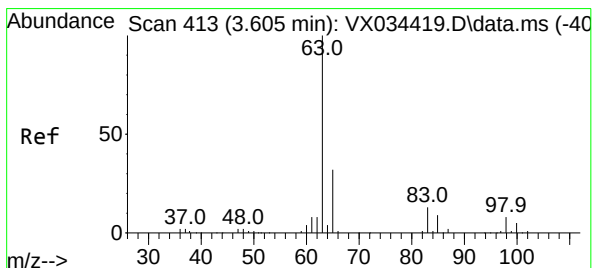
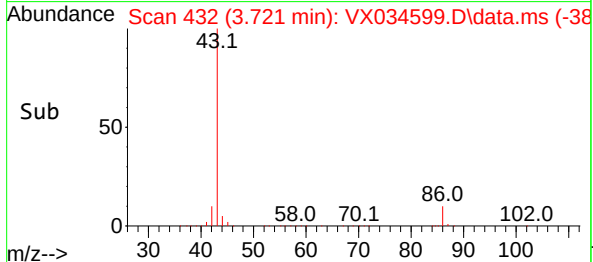
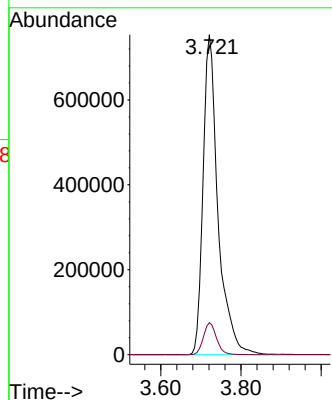
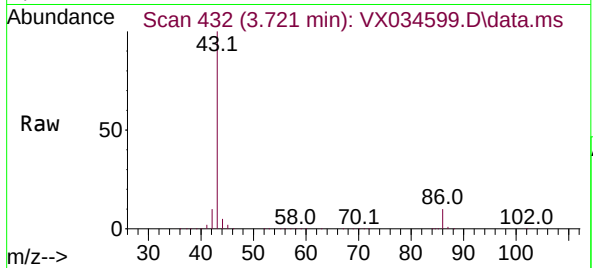
#23
 Vinyl Acetate
 Concen: 240.462 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 194810
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

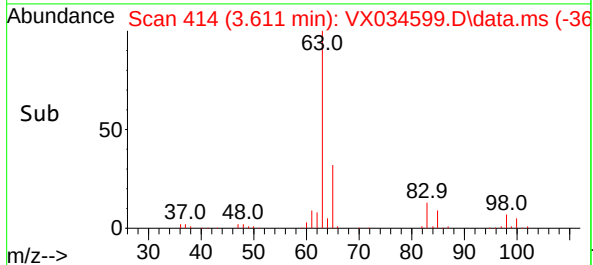
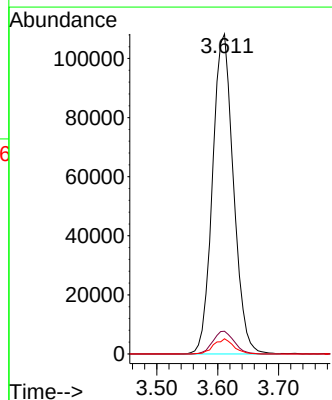
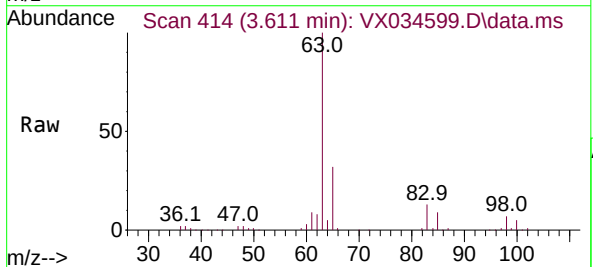
Manual Integrations
 APPROVED

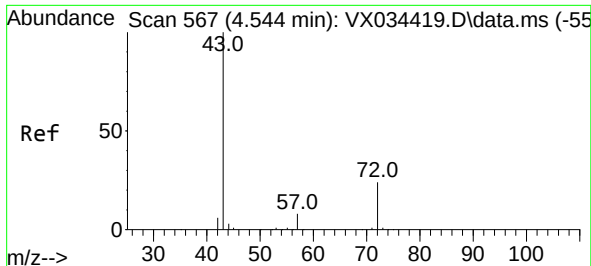
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023



#24
 1,1-Dichloroethane
 Concen: 45.137 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04

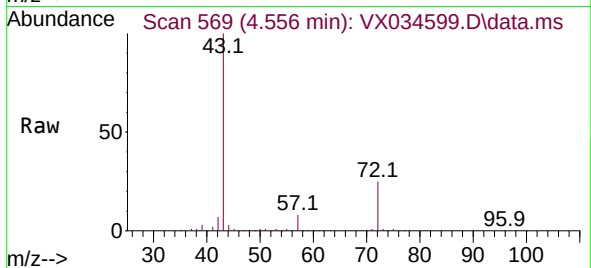
Tgt Ion: 63 Resp: 258283
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 247.492 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

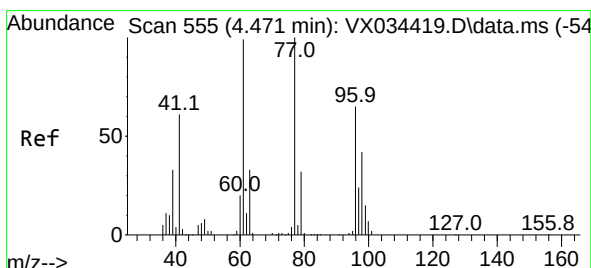
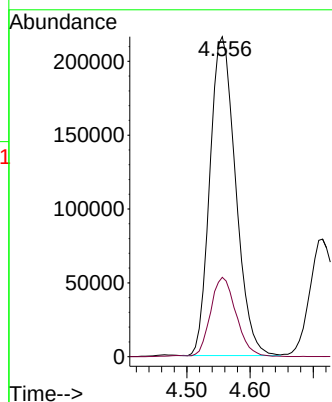
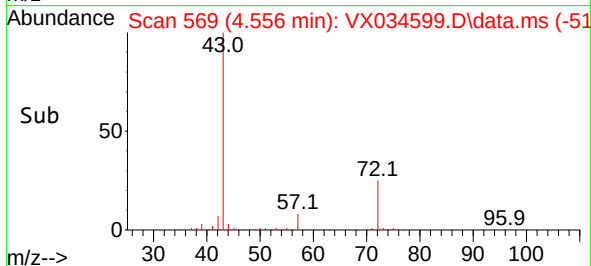
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61048
Ion Ratio Lower Upper
43 100
72 24.8 19.3 28.9

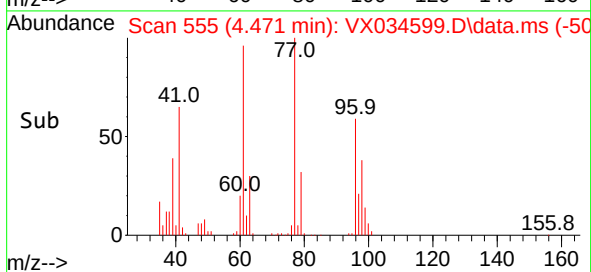
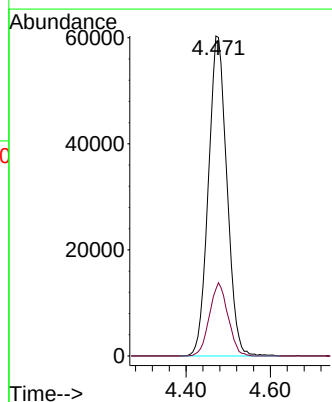
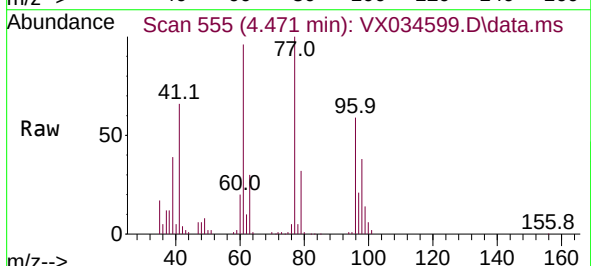
Manual Integrations
APPROVED

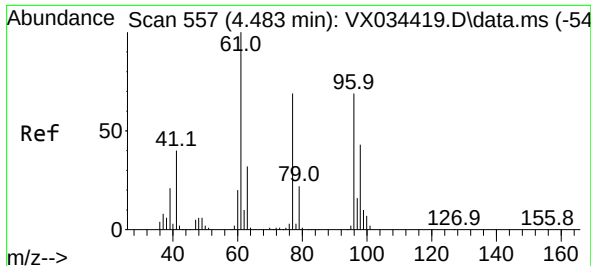
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#26
2,2-Dichloropropane
Concen: 37.050 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 77 Resp: 184285
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





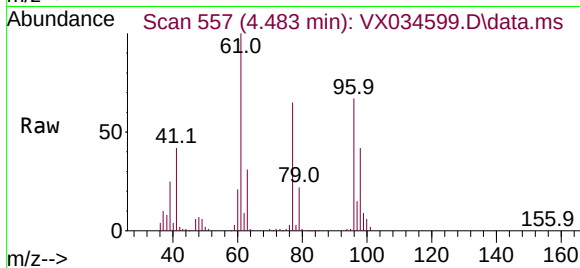
#27
 cis-1,2-Dichloroethene
 Concen: 44.603 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



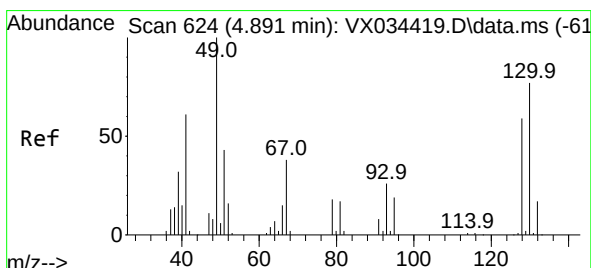
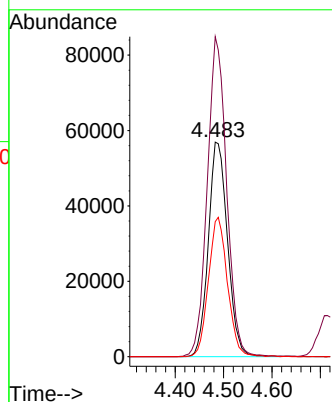
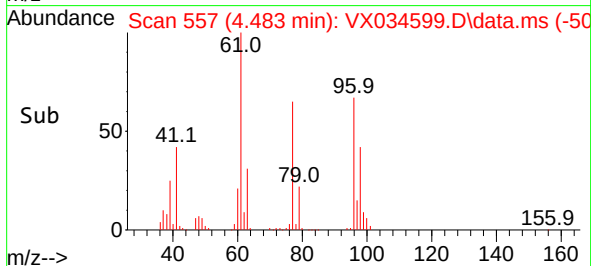
Tgt Ion: 96 Resp: 157035
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 300.4
 98 64.3 0.0 129.0

Manual Integrations

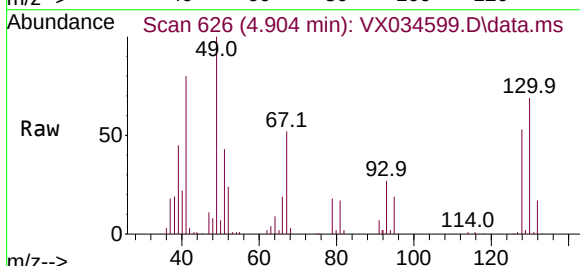
APPROVED

Reviewed By :John Carlone 03/20/2023

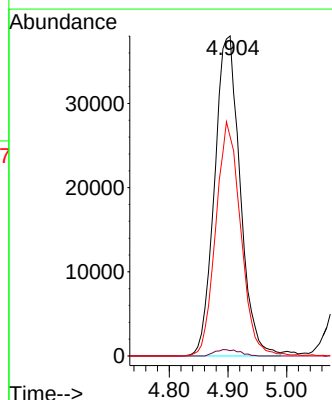
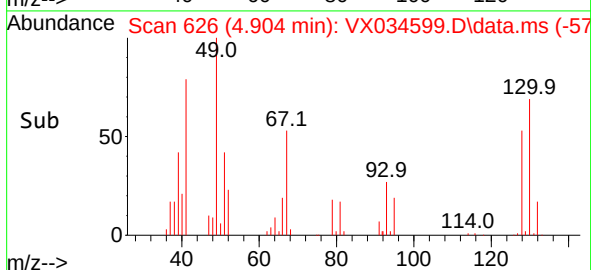
Supervised By :Mahesh Dadoda 03/20/2023

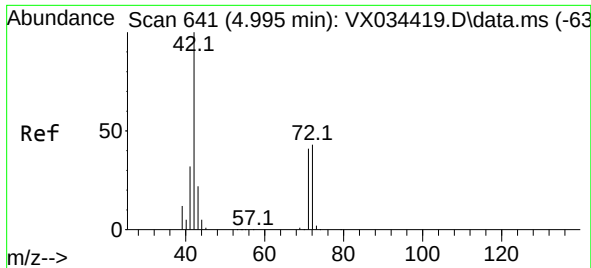


#28
 Bromochloromethane
 Concen: 43.207 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.012 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04



Tgt Ion: 49 Resp: 114960
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 71.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 259.313 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 39469

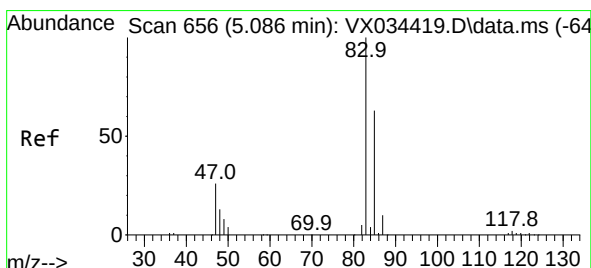
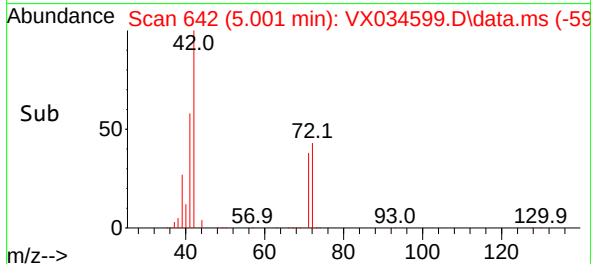
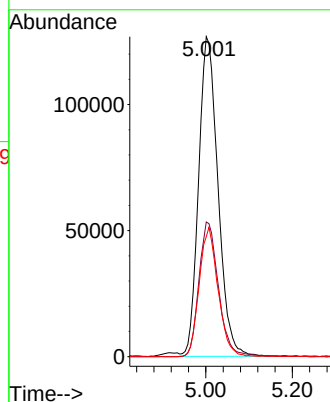
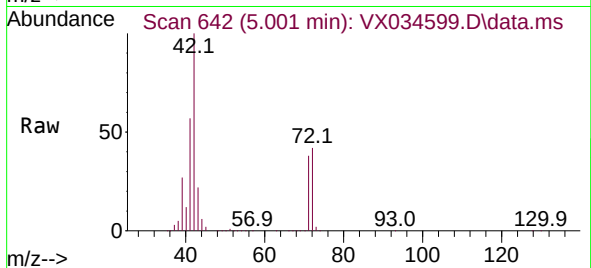
Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	39.1	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#30

Chloroform

Concen: 47.522 ug/l

RT: 5.092 min Scan# 657

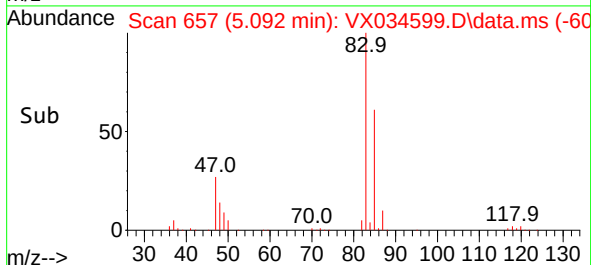
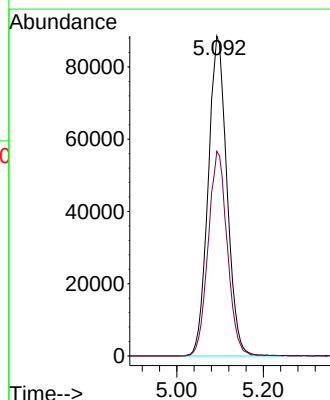
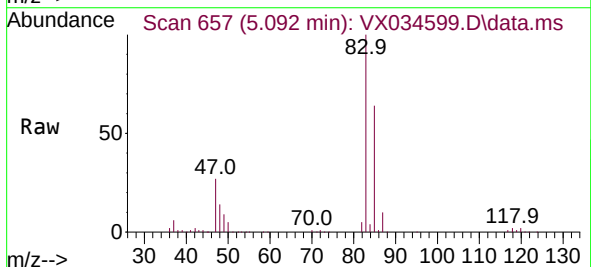
Delta R.T. 0.006 min

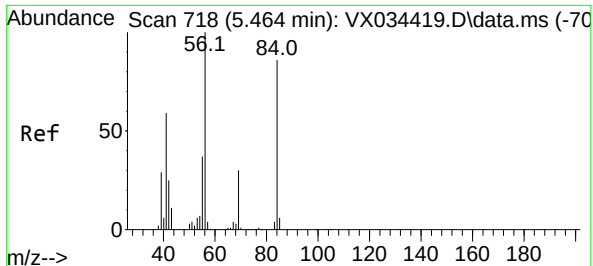
Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Tgt Ion: 83 Resp: 266558

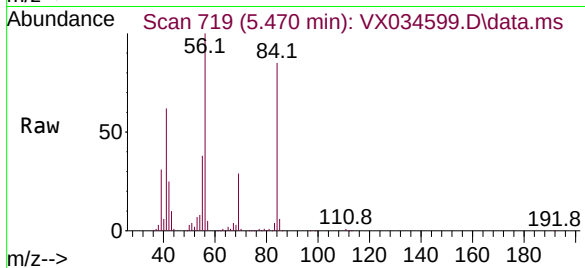
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	76.0





#31
Cyclohexane
Concen: 42.066 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

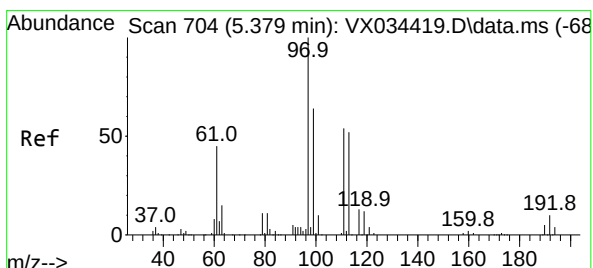
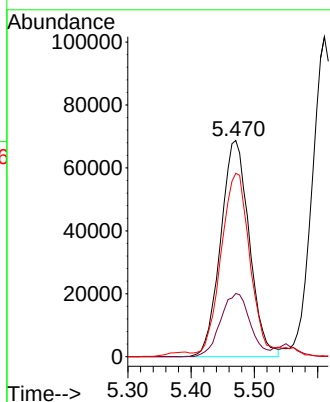
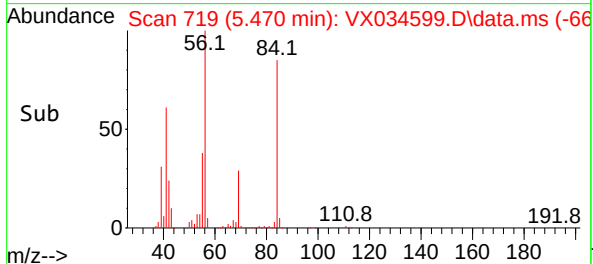
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 215904
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 82.8 68.5 102.7

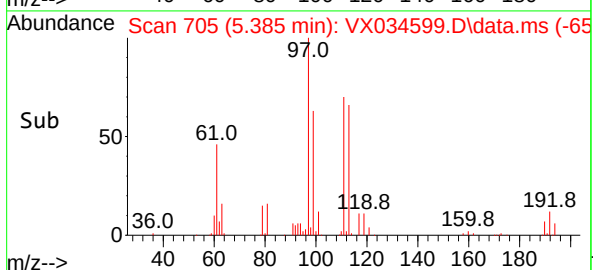
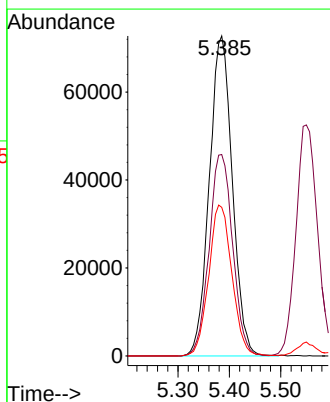
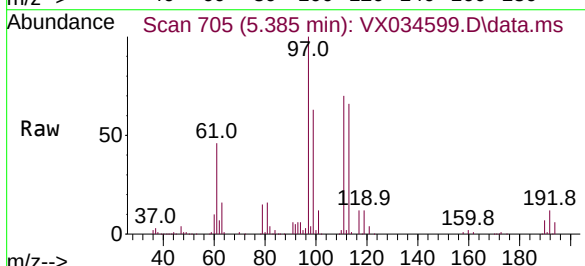
Manual Integrations
APPROVED

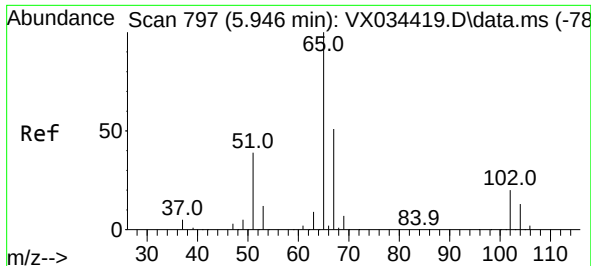
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#32
1,1,1-Trichloroethane
Concen: 45.501 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 97 Resp: 225940
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.636 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 188974

Ion Ratio Lower Upper

65 100

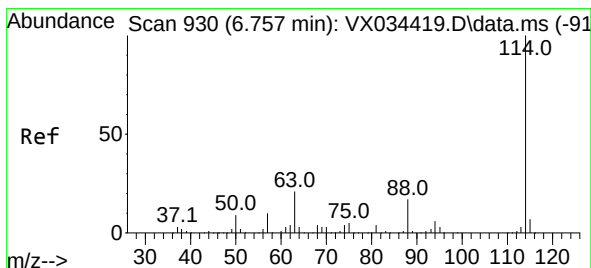
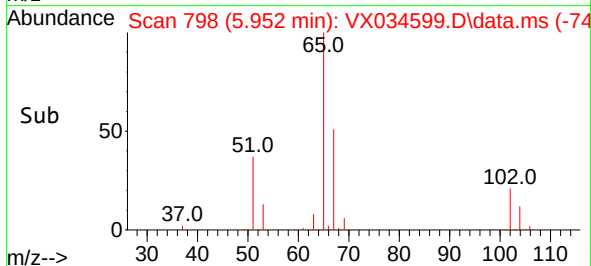
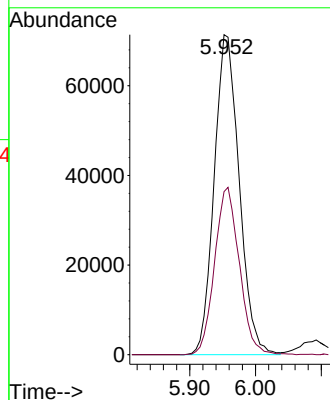
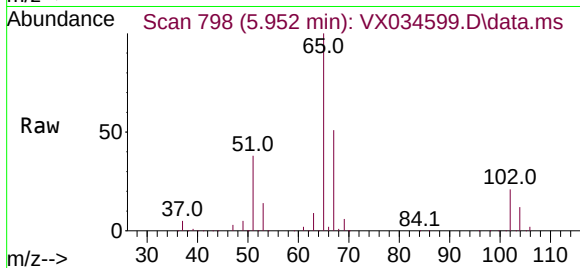
67 51.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

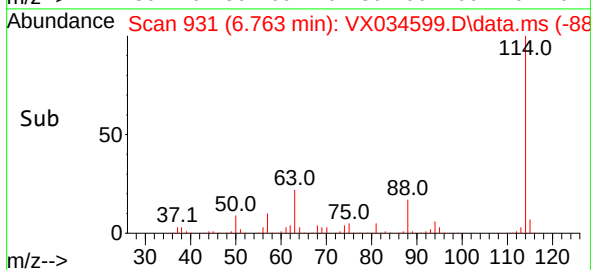
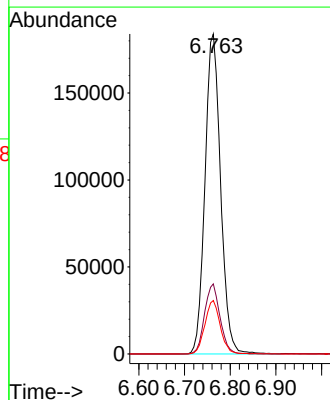
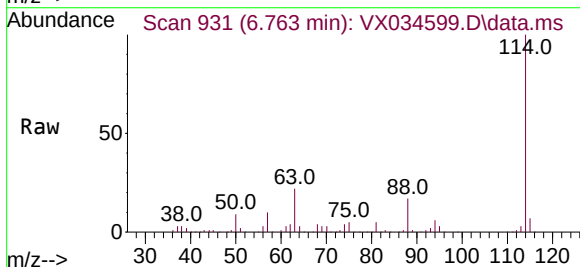
Tgt Ion:114 Resp: 436255

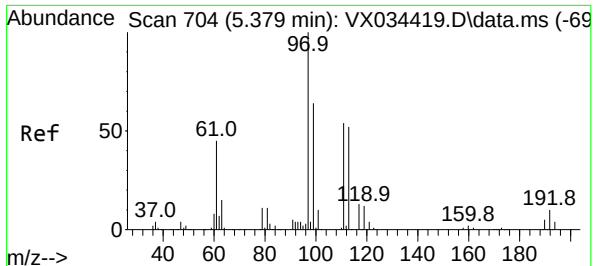
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.390 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034599.D

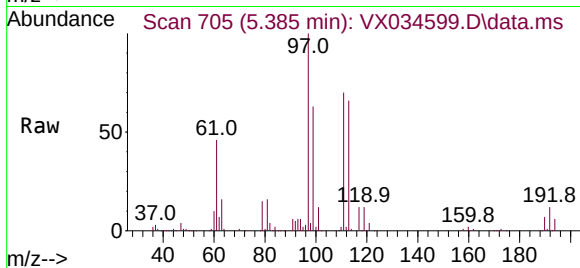
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



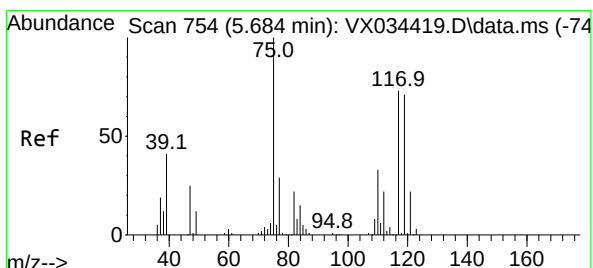
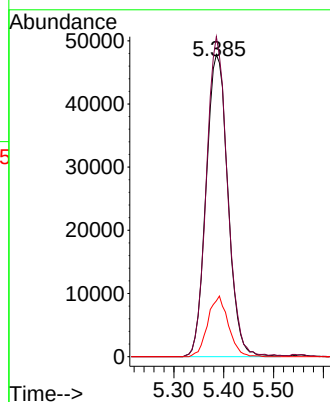
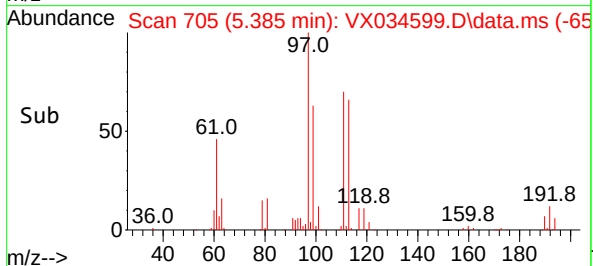
Tgt Ion:	113	Resp:	14514
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.7	125.5
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#36

1,1-Dichloropropene

Concen: 41.908 ug/l

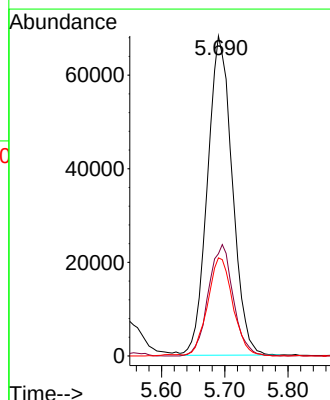
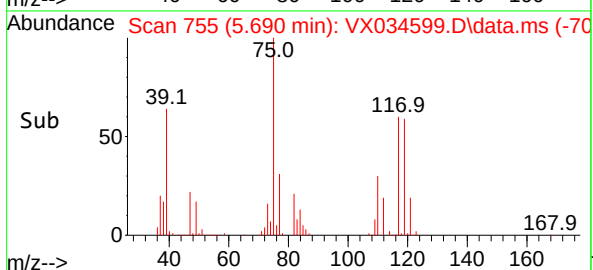
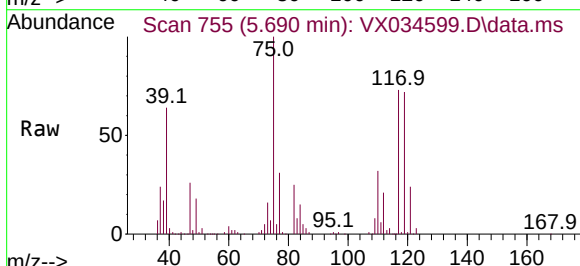
RT: 5.690 min Scan# 755

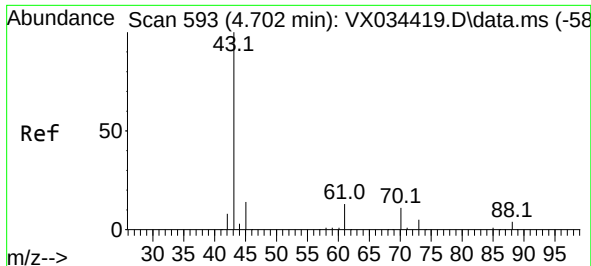
Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

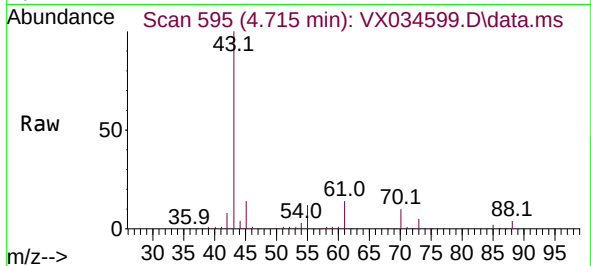
Tgt Ion:	75	Resp:	185401
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.5	52.5
77	31.4	24.3	36.5





#37
Ethyl Acetate
Concen: 48.707 ug/l
RT: 4.715 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

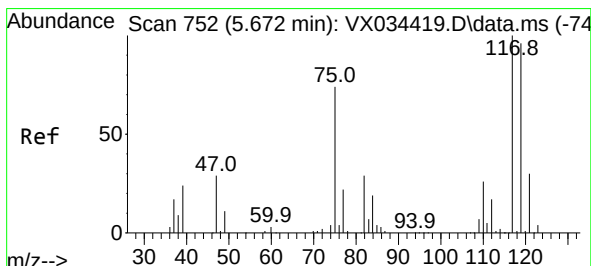
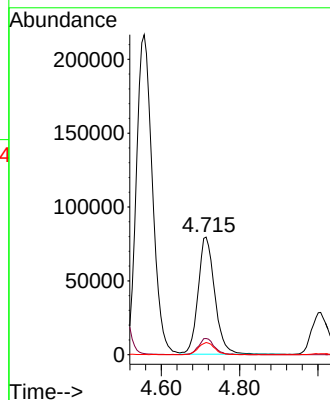
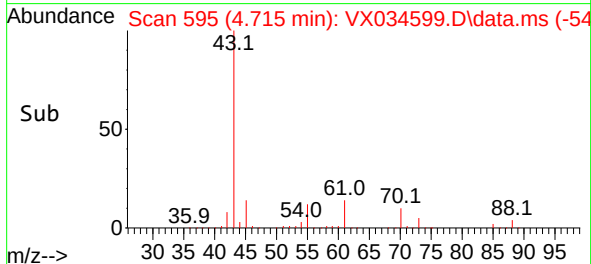
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 235408
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.1 8.2 12.4

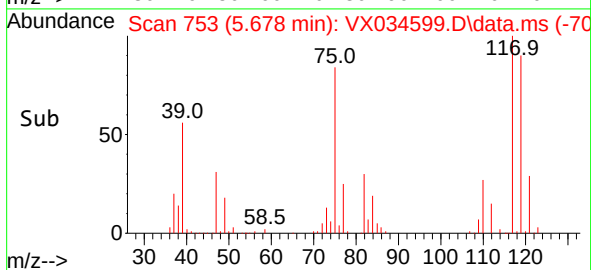
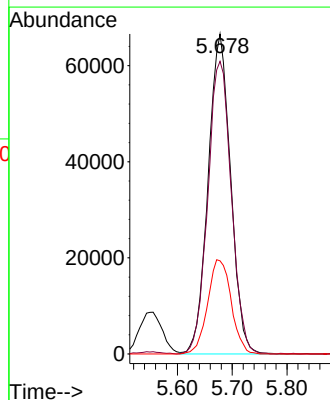
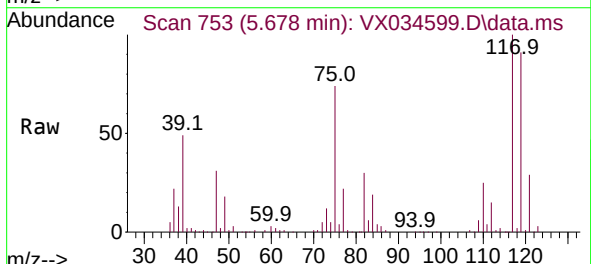
Manual Integrations
APPROVED

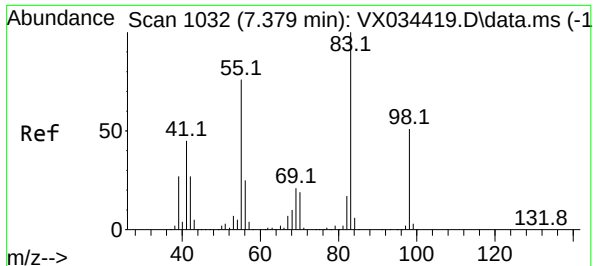
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#38
Carbon Tetrachloride
Concen: 43.164 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion:117 Resp: 189968
Ion Ratio Lower Upper
117 100
119 91.4 76.6 114.8
121 29.1 23.8 35.6





#39

Methylcyclohexane

Concen: 40.482 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 83 Resp: 21432

Ion Ratio Lower Upper

83 100

55 80.5 60.5 90.7

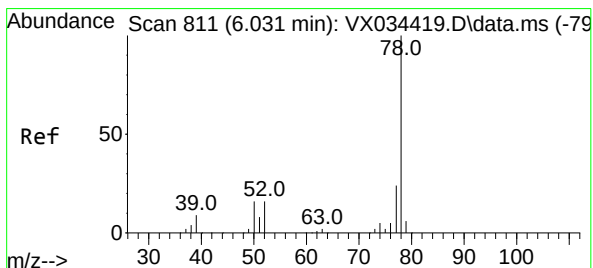
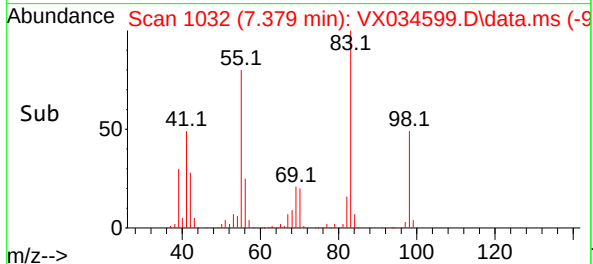
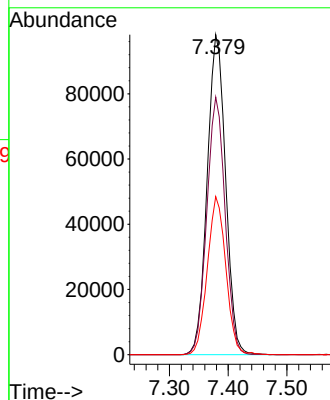
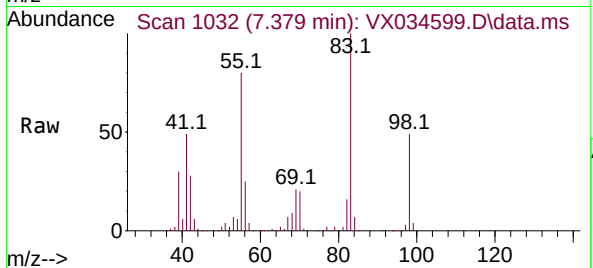
98 49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#40

Benzene

Concen: 43.218 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034599.D

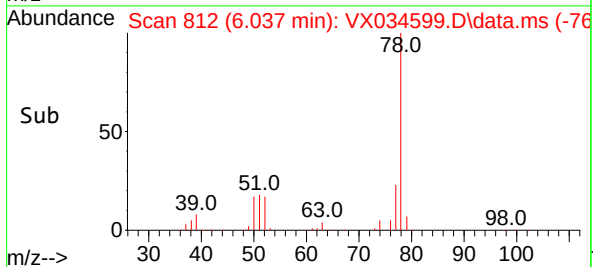
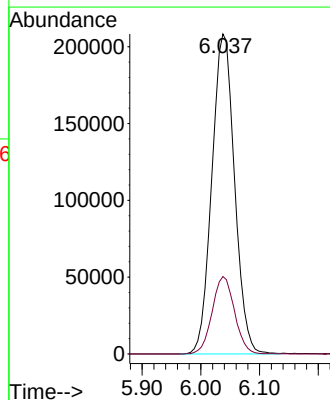
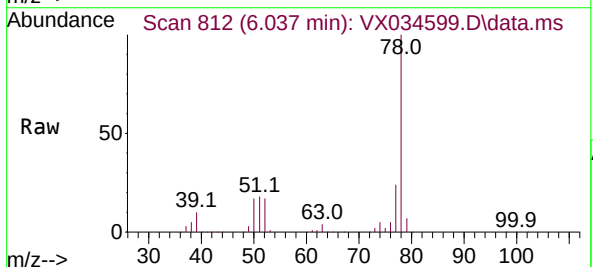
Acq: 17 Mar 2023 21:04

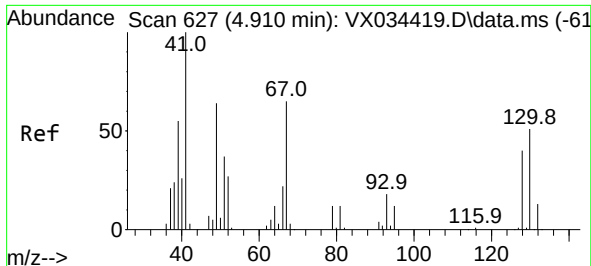
Tgt Ion: 78 Resp: 559331

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4





#41
Methacrylonitrile
Concen: 49.015 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

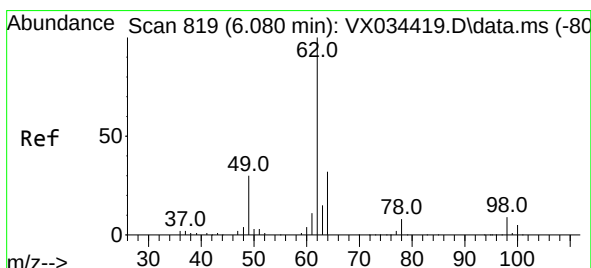
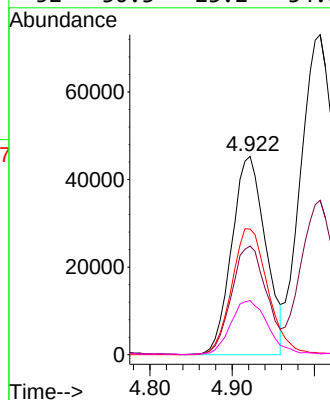
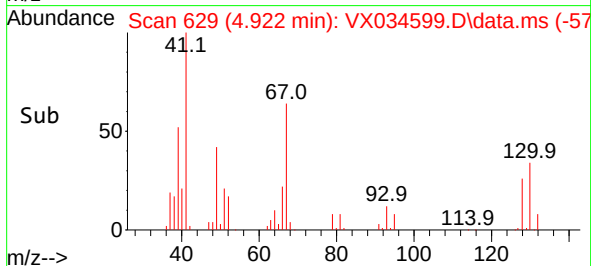
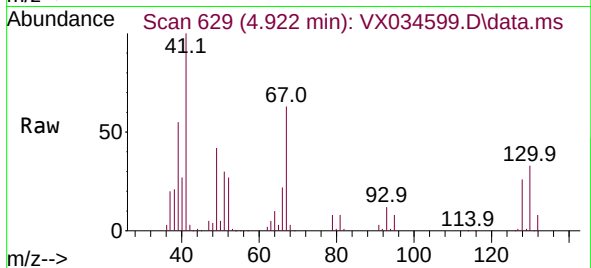
Tgt Ion: 41 Resp: 129829
Ion Ratio Lower Upper
41 100
39 56.5 45.0 67.6
67 68.1 55.6 83.4
52 30.3 23.2 34.8

Manual Integrations

APPROVED

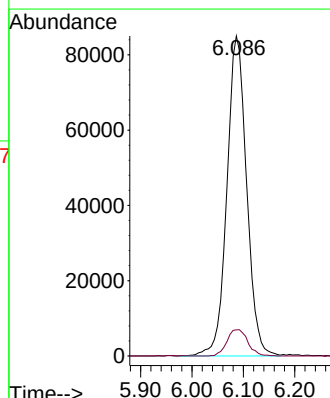
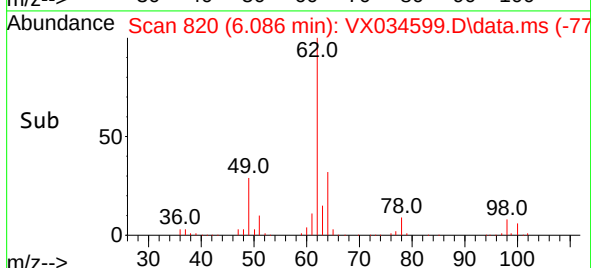
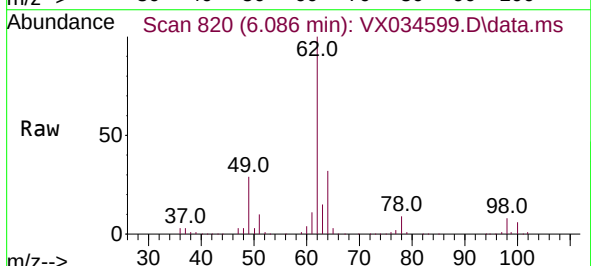
Reviewed By :John Carlone 03/20/2023

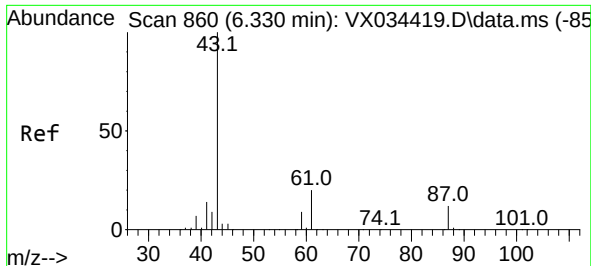
Supervised By :Mahesh Dadoda 03/20/2023



#42
1,2-Dichloroethane
Concen: 47.643 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 62 Resp: 226612
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 47.554 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034599.D

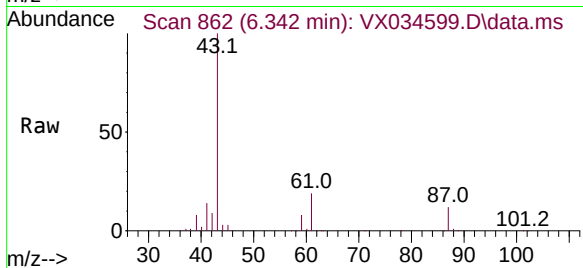
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



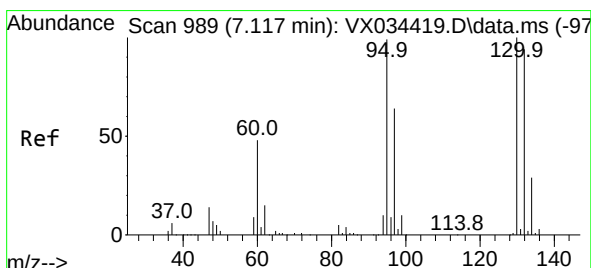
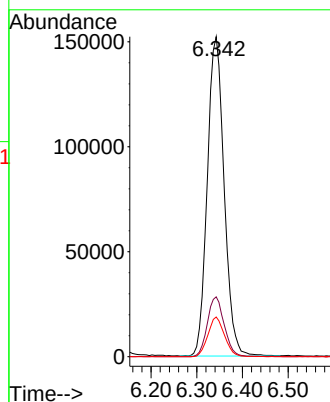
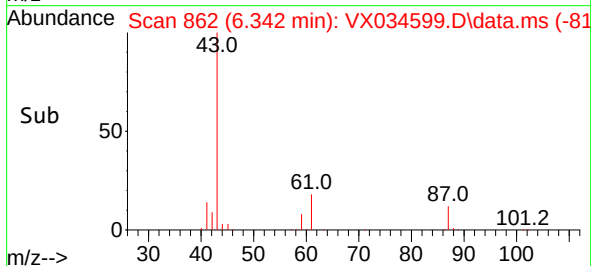
Tgt Ion: 43	Resp: 38935
Ion Ratio	Lower Upper
43	100
61	18.7 15.2 22.8
87	12.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#44

Trichloroethene

Concen: 41.849 ug/l

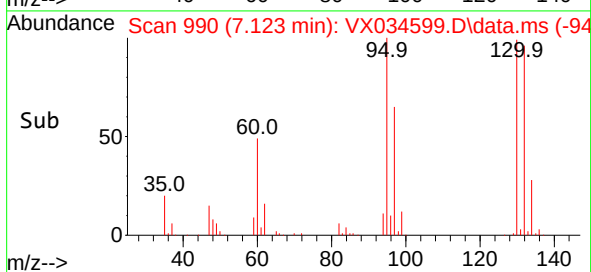
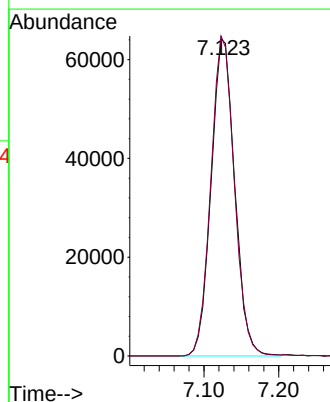
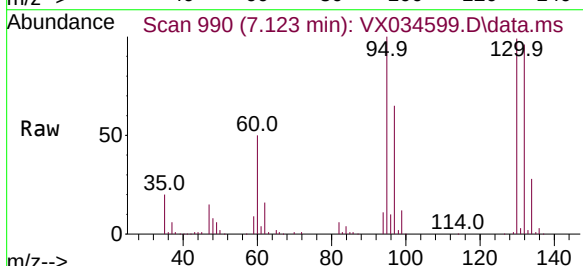
RT: 7.123 min Scan# 990

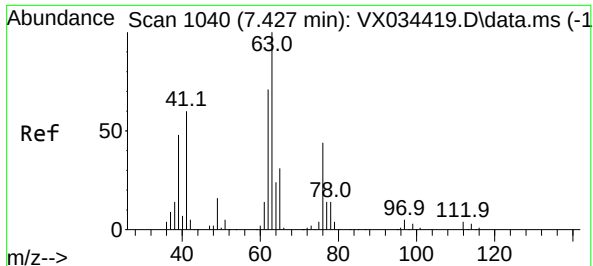
Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Tgt Ion:130	Resp: 140723
Ion Ratio	Lower Upper
130	100
95	100.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 44.967 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 151954

Ion Ratio Lower Upper

63 100

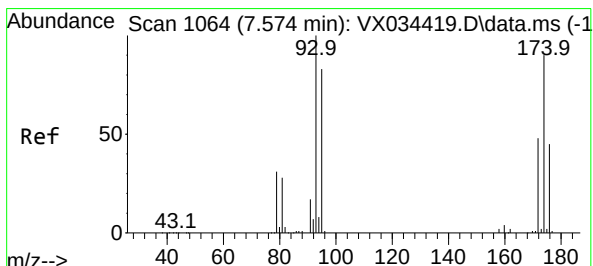
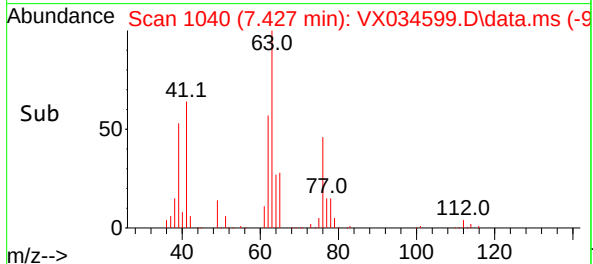
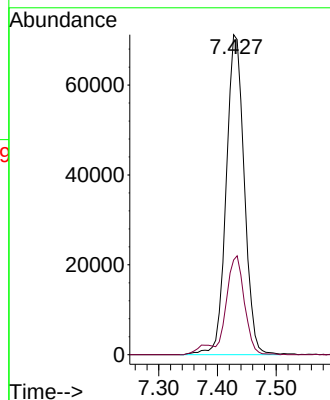
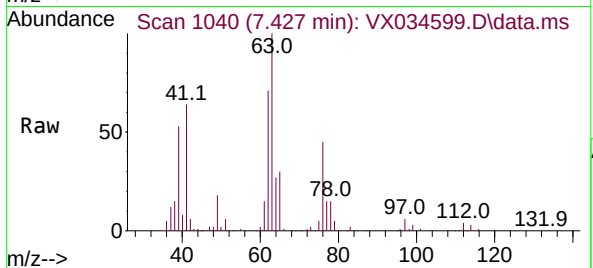
65 29.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#46

Dibromomethane

Concen: 45.381 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

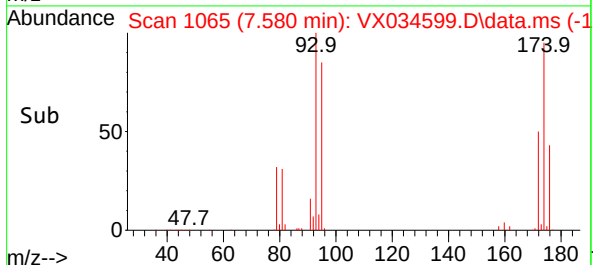
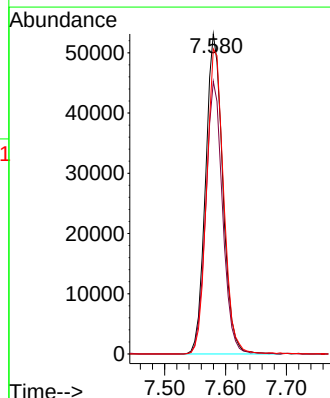
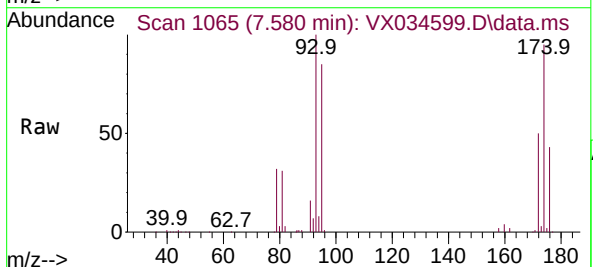
Tgt Ion: 93 Resp: 104258

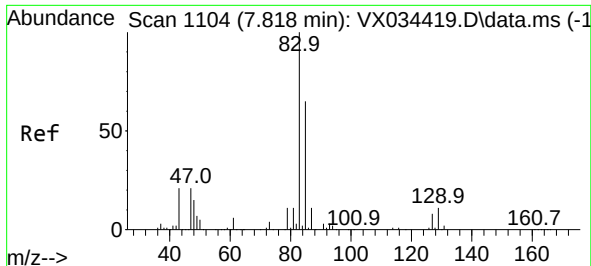
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 94.1 75.4 113.0





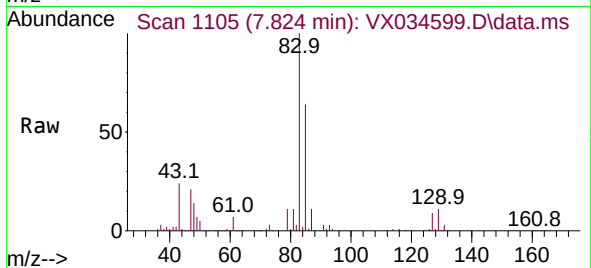
#47
Bromodichloromethane
Concen: 45.884 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



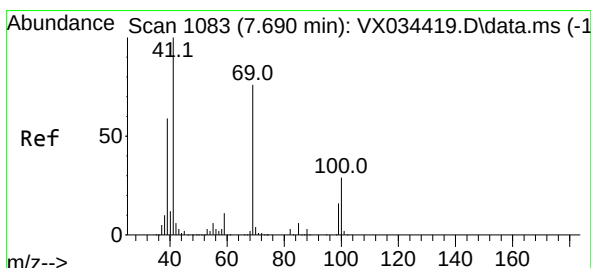
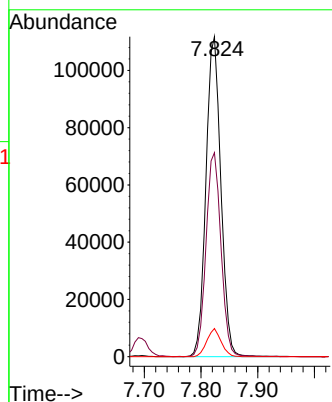
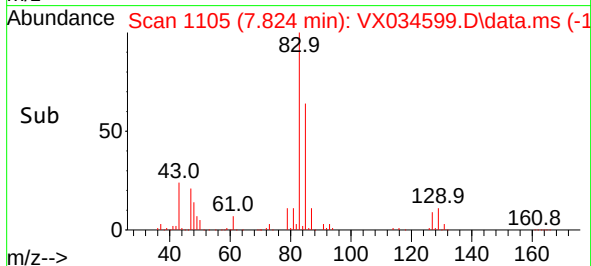
Tgt Ion: 83 Resp: 204015
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.8 6.6 9.8

Manual Integrations

APPROVED

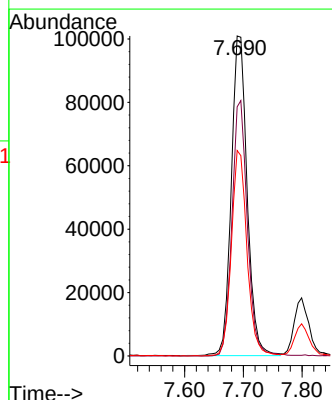
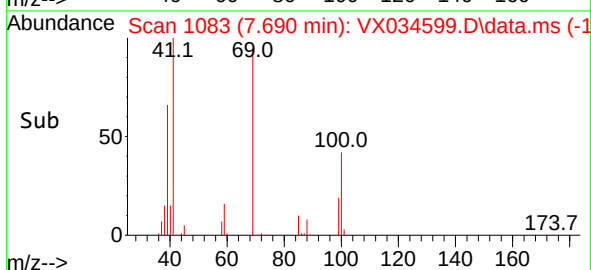
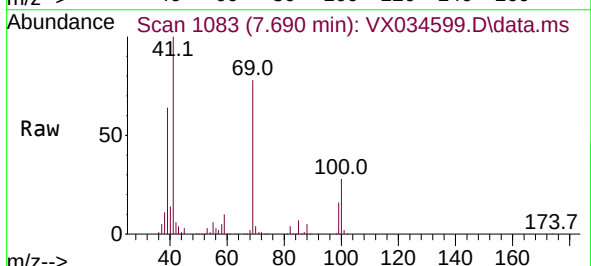
Reviewed By :John Carlone 03/20/2023

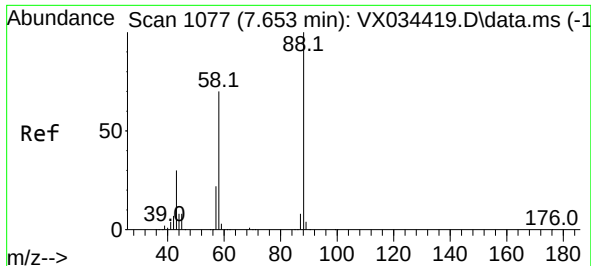
Supervised By :Mahesh Dadoda 03/20/2023



#48
Methyl methacrylate
Concen: 48.083 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 41 Resp: 189343
Ion Ratio Lower Upper
41 100
69 77.8 62.2 93.4
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1061.001 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8775

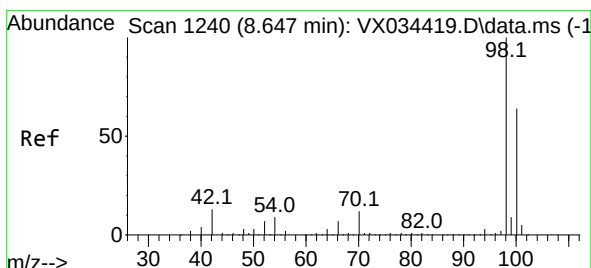
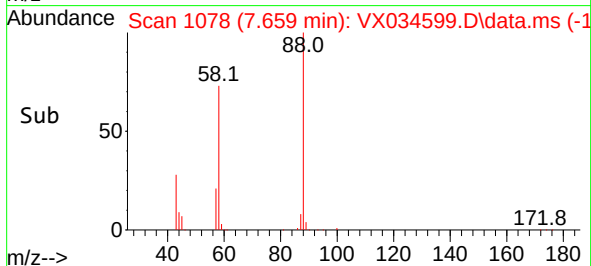
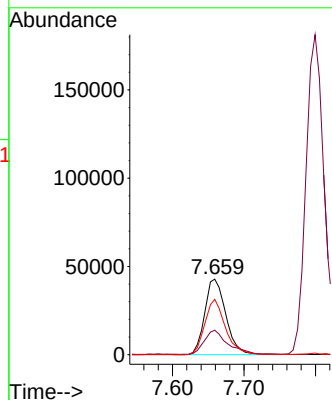
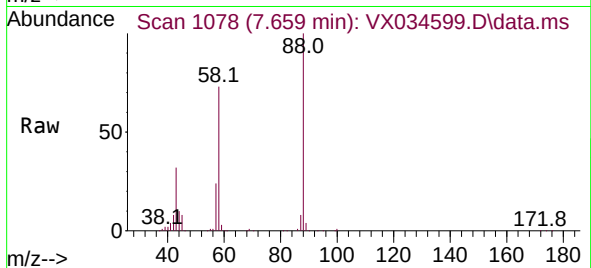
Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.7	41.5
58	71.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#50

Toluene-d8

Concen: 49.488 ug/l

RT: 8.647 min Scan# 1240

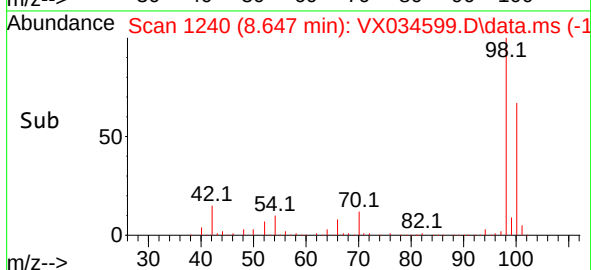
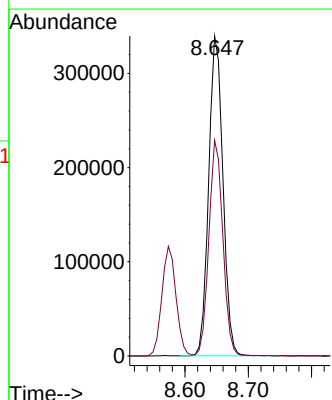
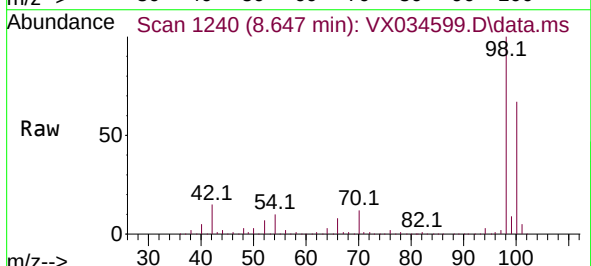
Delta R.T. 0.000 min

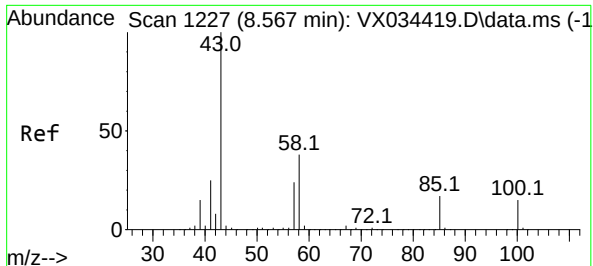
Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Tgt Ion: 98 Resp: 532125

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 262.484 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 124673

Ion Ratio Lower Upper

43 100

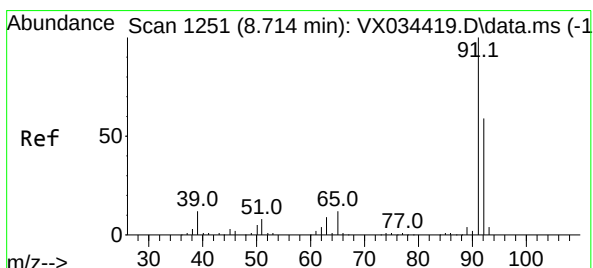
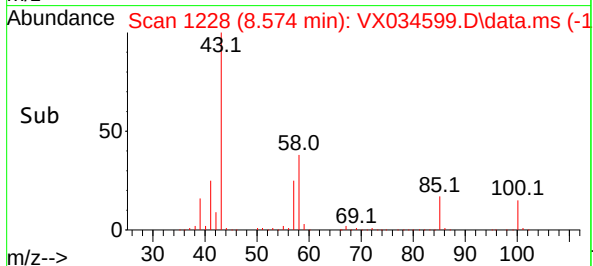
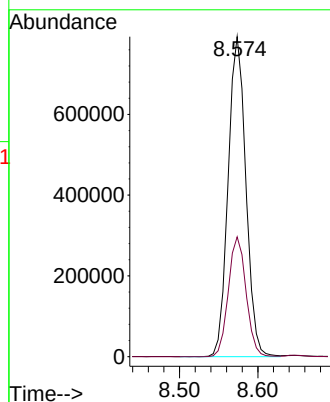
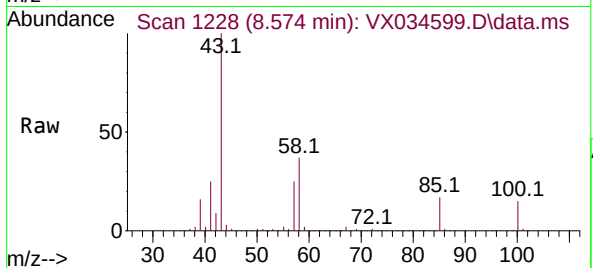
58 37.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#52

Toluene

Concen: 44.617 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034599.D

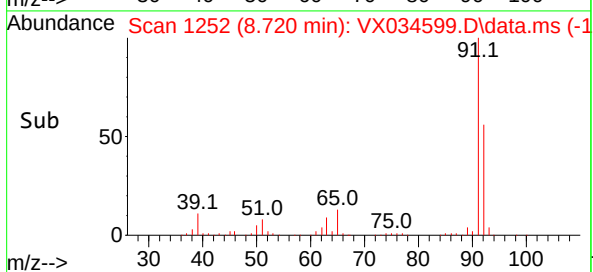
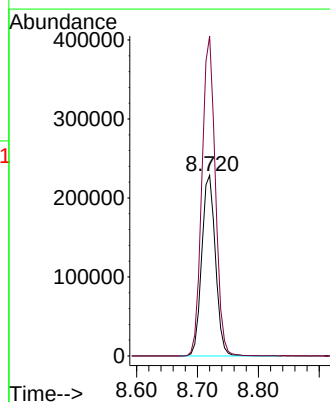
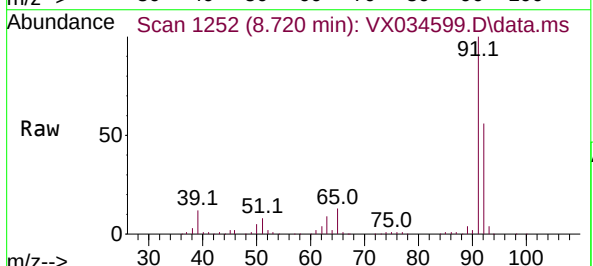
Acq: 17 Mar 2023 21:04

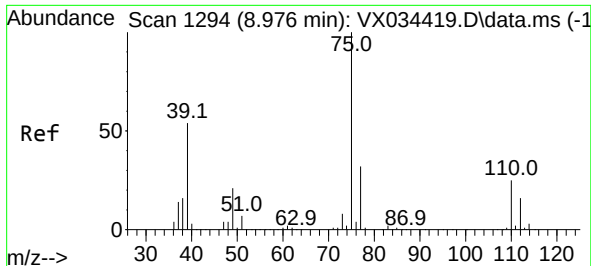
Tgt Ion: 92 Resp: 357495

Ion Ratio Lower Upper

92 100

91 173.7 136.8 205.2





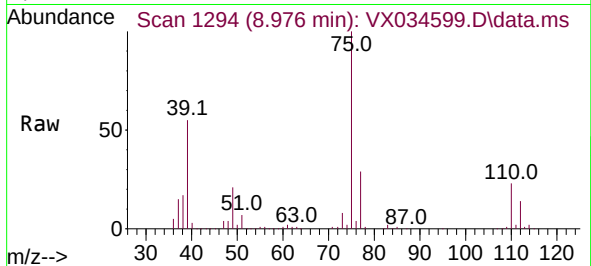
#53
t-1,3-Dichloropropene
Concen: 44.617 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



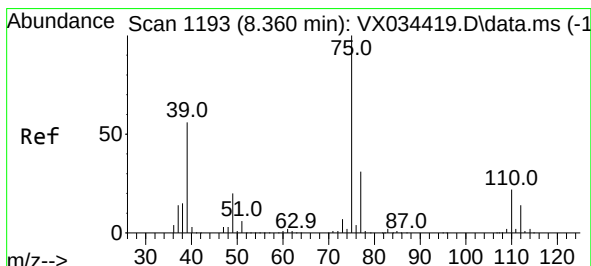
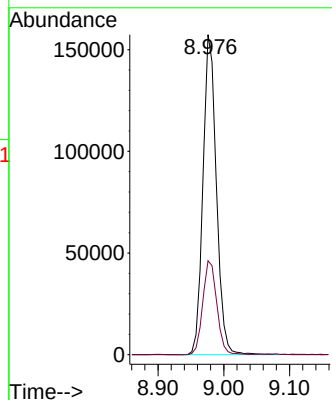
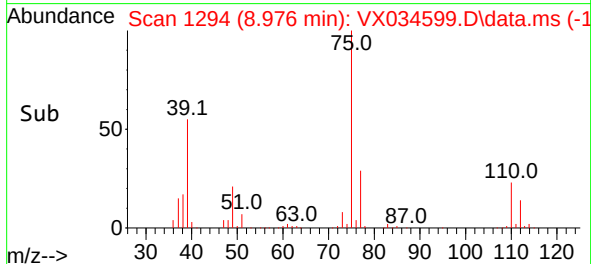
Tgt Ion: 75 Resp: 22349
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2

Manual Integrations

APPROVED

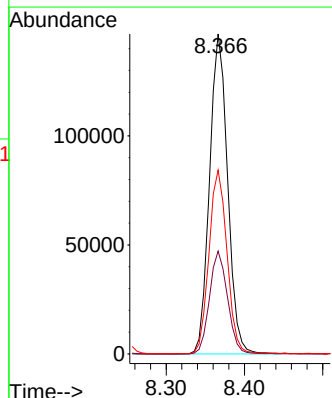
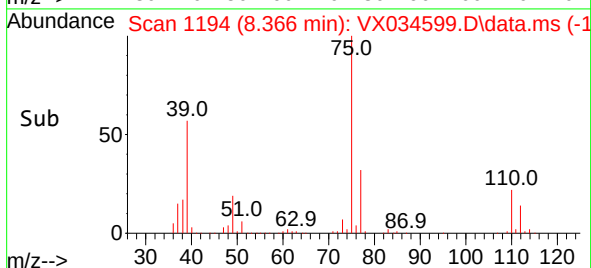
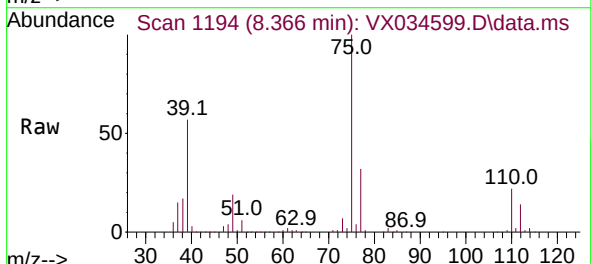
Reviewed By :John Carlone 03/20/2023

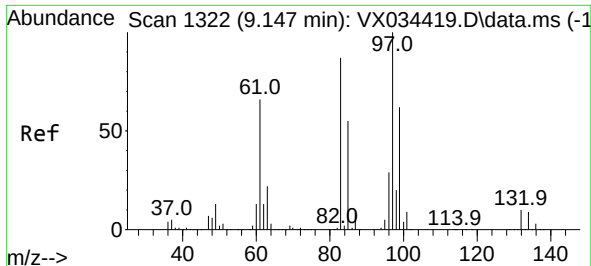
Supervised By :Mahesh Dadoda 03/20/2023



#54
cis-1,3-Dichloropropene
Concen: 43.366 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 75 Resp: 235017
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 57.3 44.6 66.8





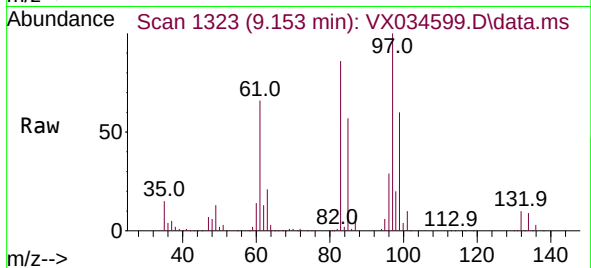
#55
1,1,2-Trichloroethane
Concen: 48.162 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 153150

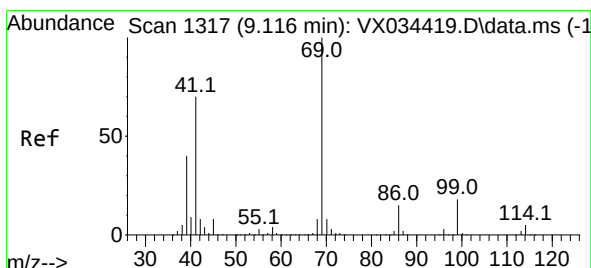
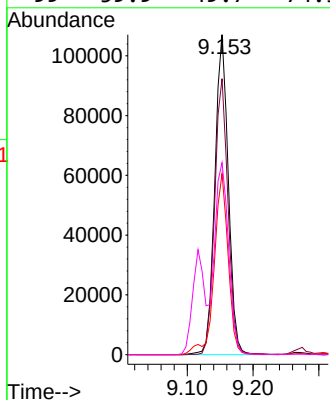
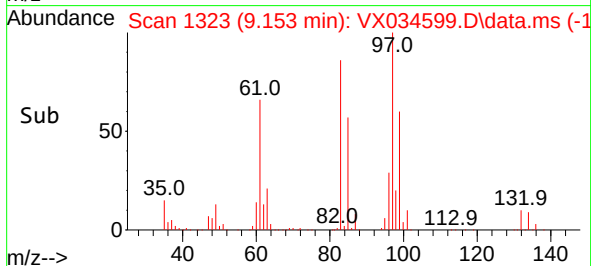
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.7	104.5
85	56.6	43.7	65.5
99	59.9	49.7	74.5

Manual Integrations

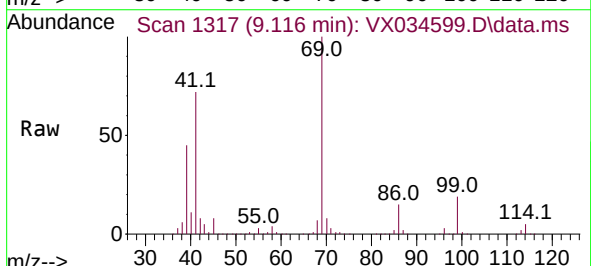
APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023

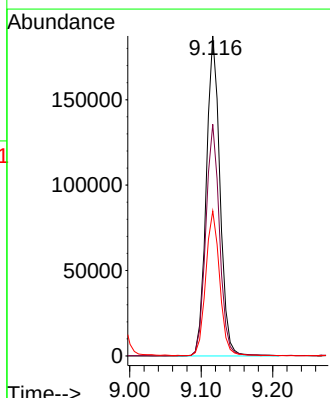
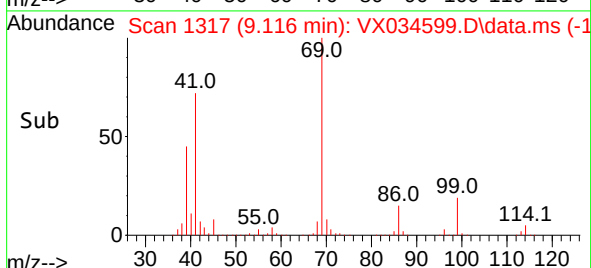


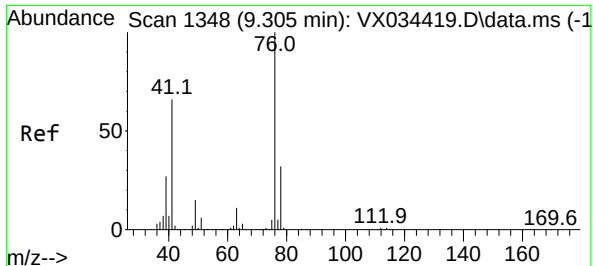
#56
Ethyl methacrylate
Concen: 47.614 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 69 Resp: 248594

Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.4	86.0
39	45.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 46.446 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 26249

Ion Ratio Lower Upper

76 100

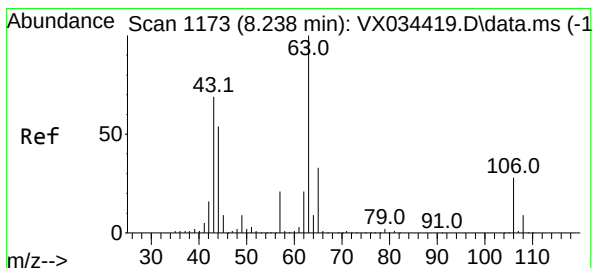
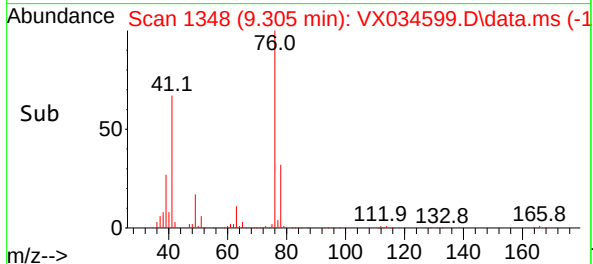
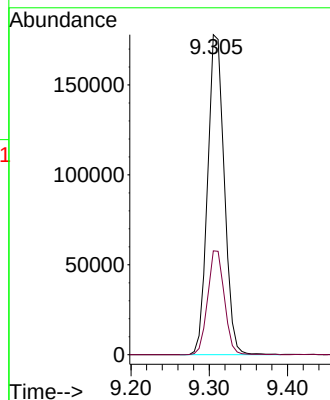
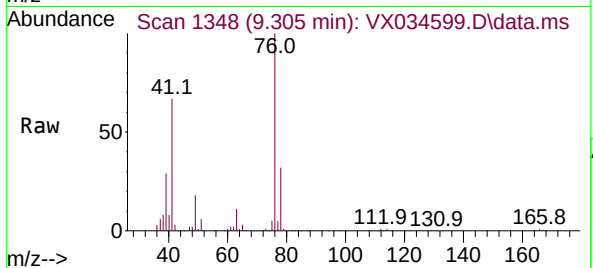
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 242.131 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034599.D

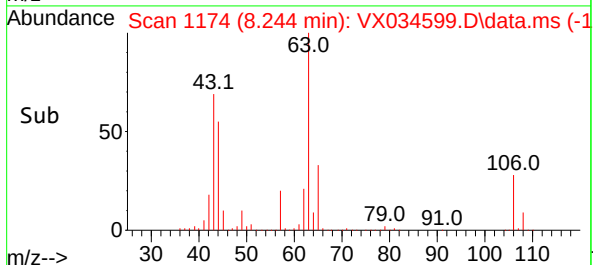
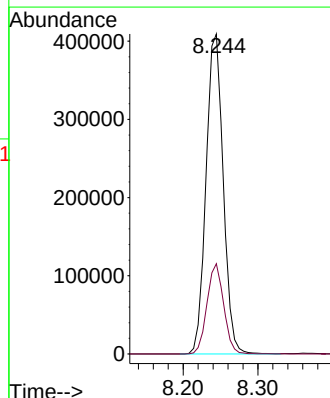
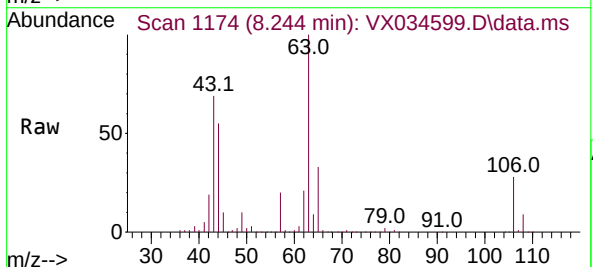
Acq: 17 Mar 2023 21:04

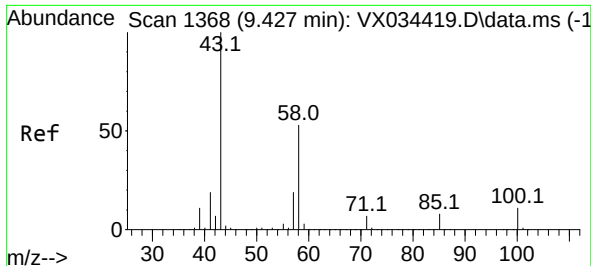
Tgt Ion: 63 Resp: 651498

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2





#59

2-Hexanone

Concen: 261.334 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 959524

Ion Ratio Lower Upper

43 100

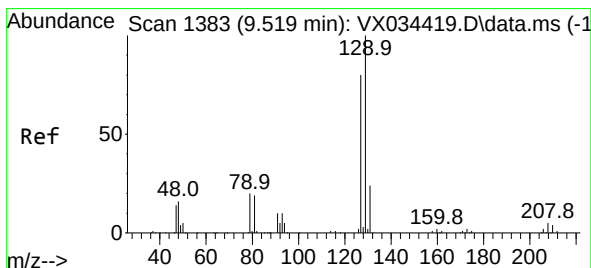
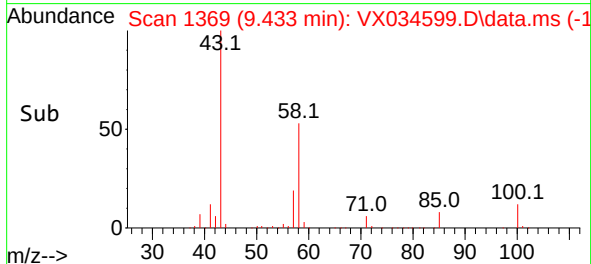
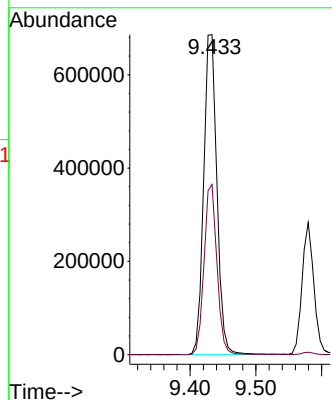
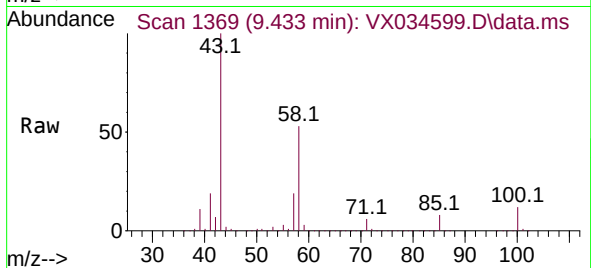
58 52.0 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#60

Dibromochloromethane

Concen: 46.058 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034599.D

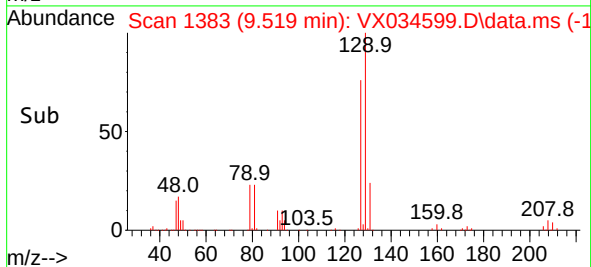
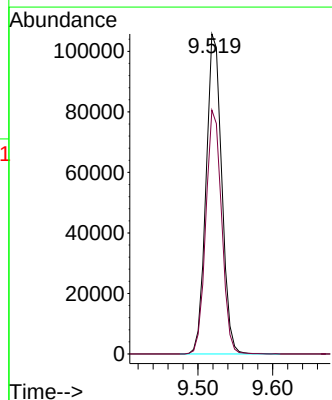
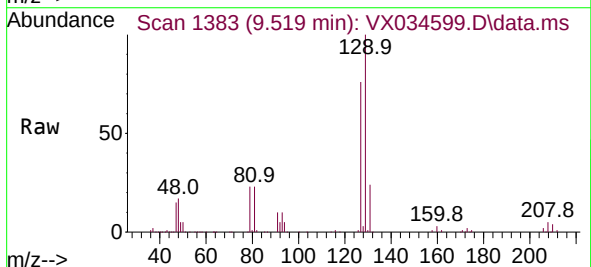
Acq: 17 Mar 2023 21:04

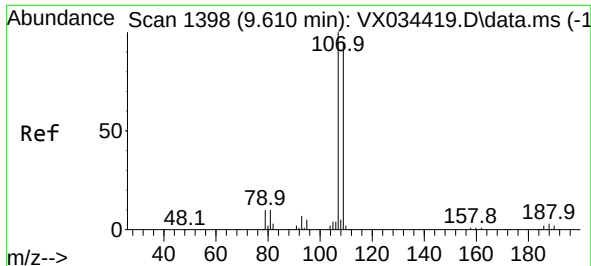
Tgt Ion:129 Resp: 153605

Ion Ratio Lower Upper

129 100

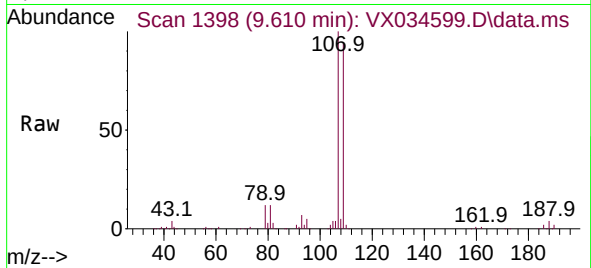
127 76.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.215 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

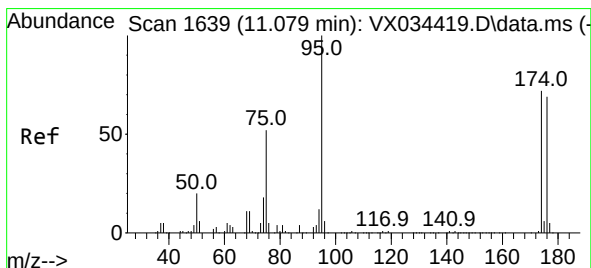
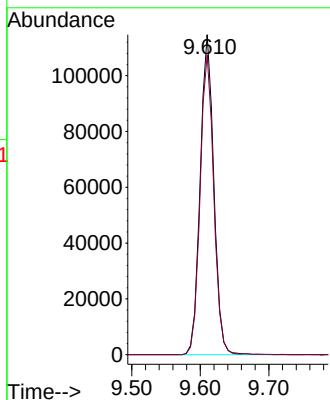
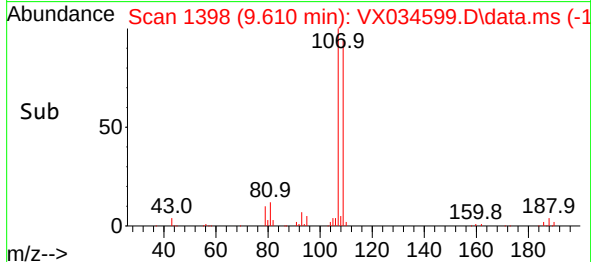
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



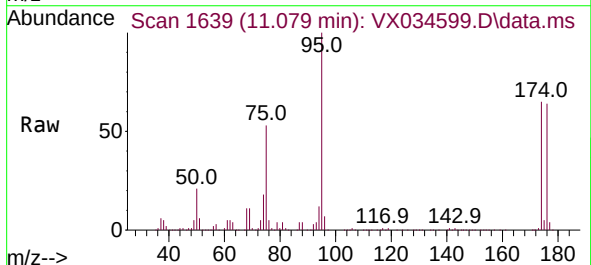
Tgt Ion:107 Resp: 158582
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
APPROVED

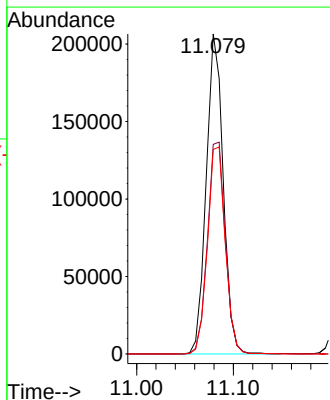
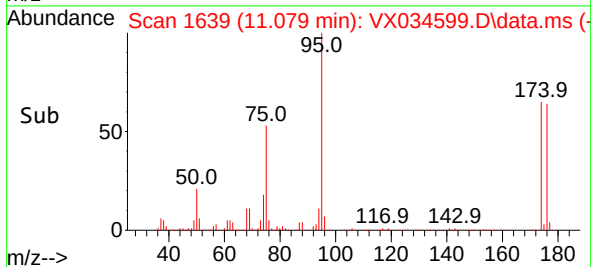
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

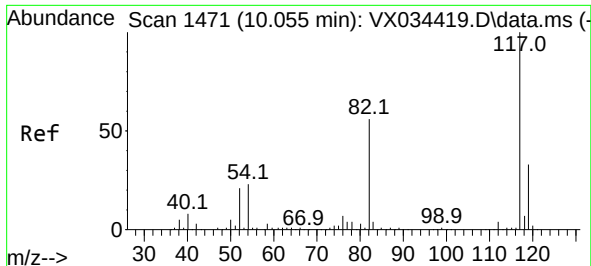


#62
4-Bromofluorobenzene
Concen: 58.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



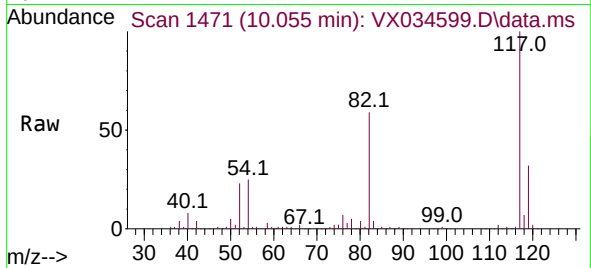
Tgt Ion: 95 Resp: 252271
Ion Ratio Lower Upper
95 100
174 69.8 0.0 147.4
176 67.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

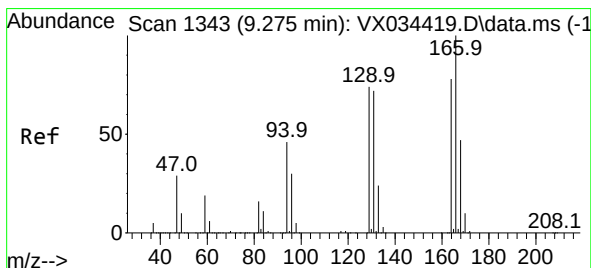
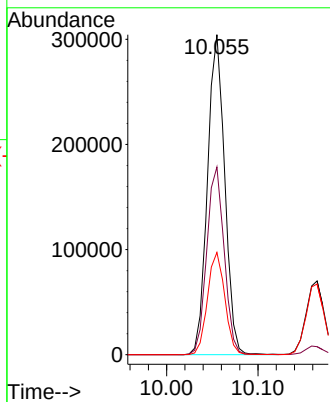
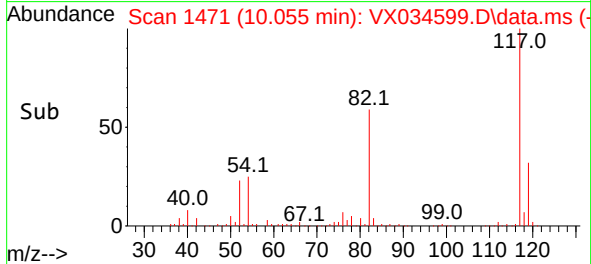
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 397990
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 31.9 26.0 39.0

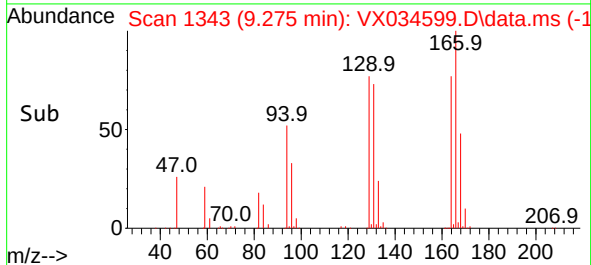
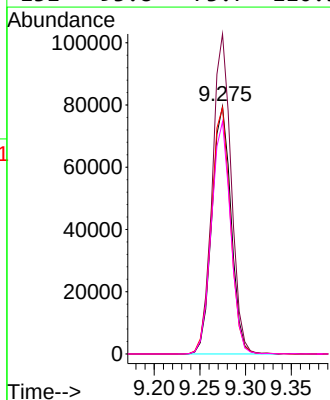
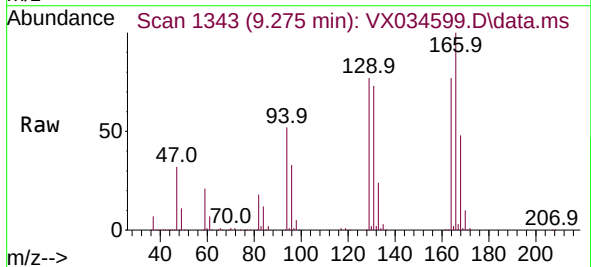
Manual Integrations
APPROVED

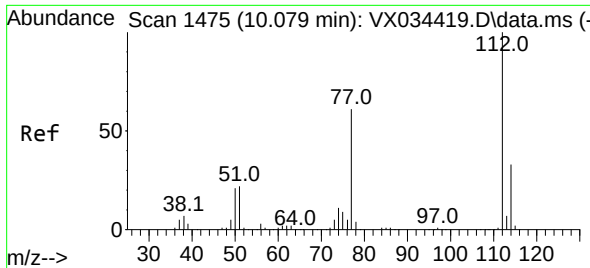
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#64
Tetrachloroethene
Concen: 43.278 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

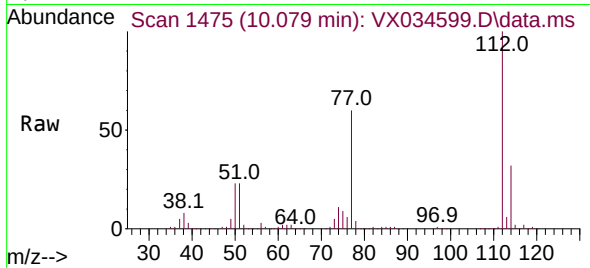
Tgt Ion:164 Resp: 115701
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 99.5 75.6 113.4
131 93.8 73.7 110.5





#65
Chlorobenzene
Concen: 44.205 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

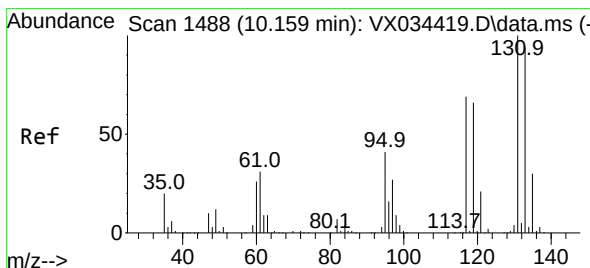
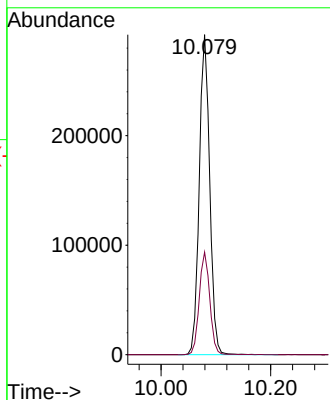
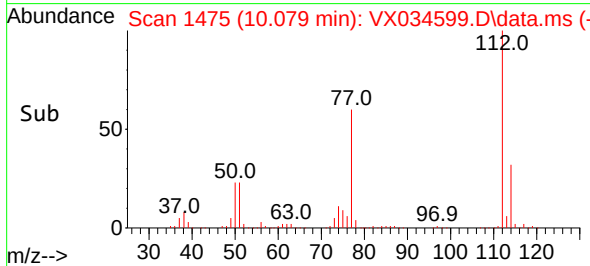
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



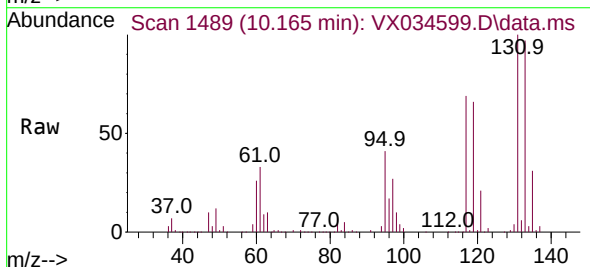
Tgt Ion:112 Resp: 386008
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

Manual Integrations
APPROVED

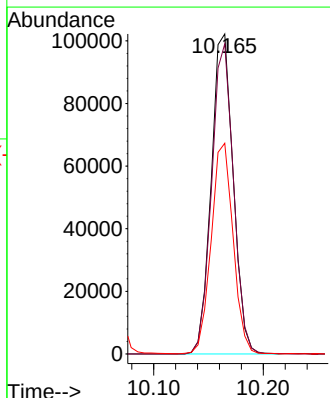
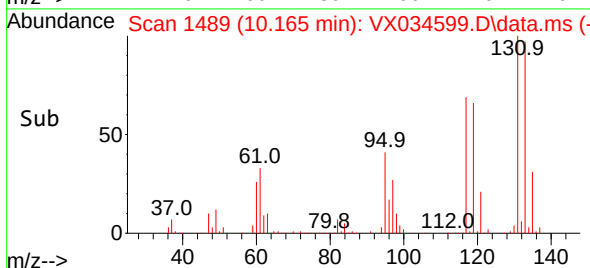
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

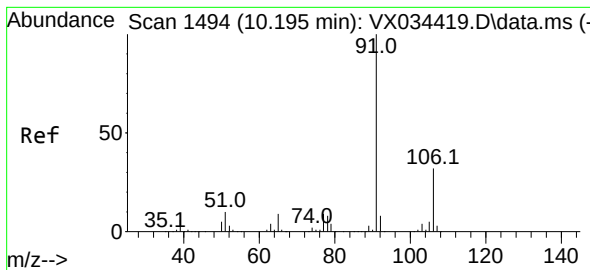


#66
1,1,1,2-Tetrachloroethane
Concen: 44.851 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



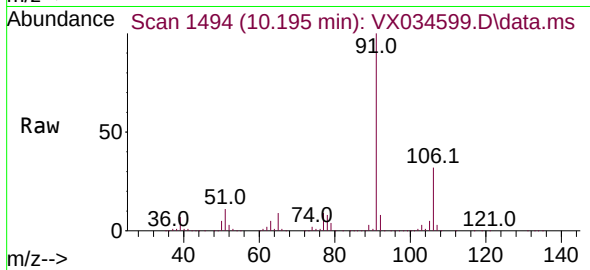
Tgt Ion:131 Resp: 142642
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 65.6 32.6 98.0





#67
Ethyl Benzene
Concen: 45.416 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

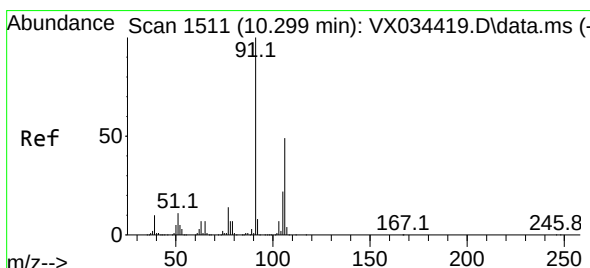
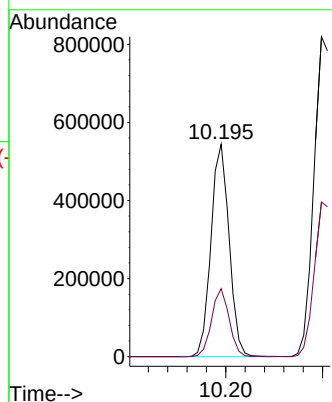
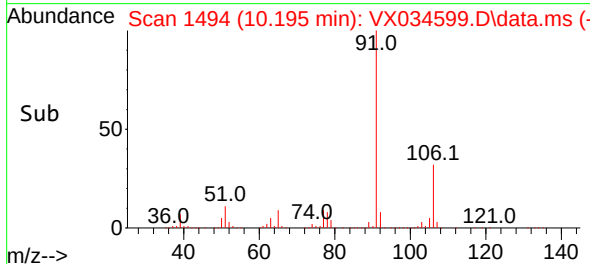
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



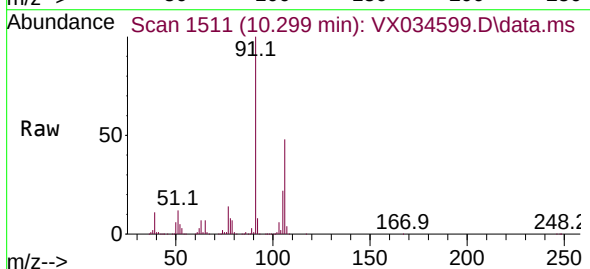
Tgt Ion: 91 Resp: 70996
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

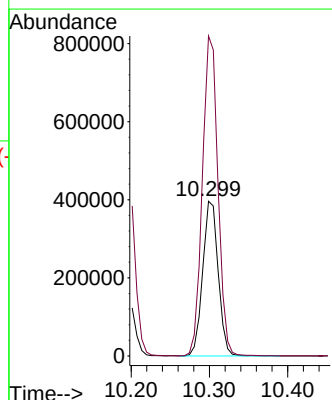
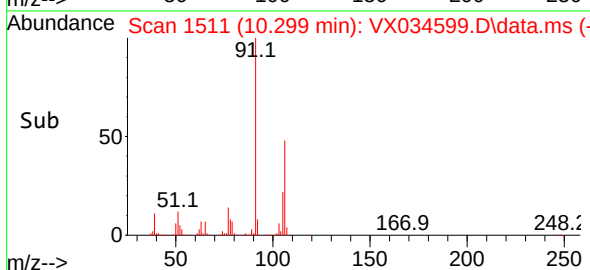
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

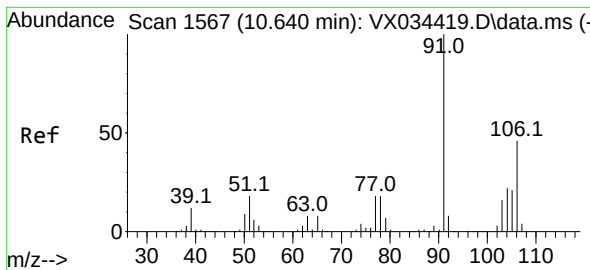


#68
m/p-Xylenes
Concen: 90.414 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion:106 Resp: 542953
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0





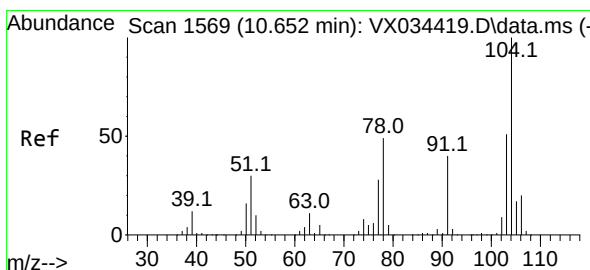
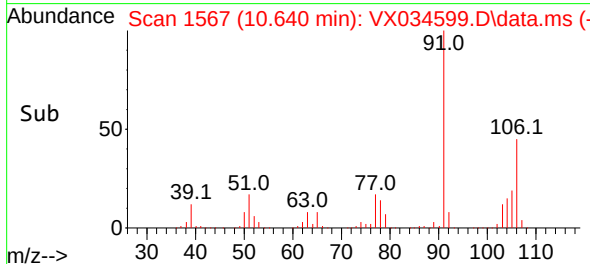
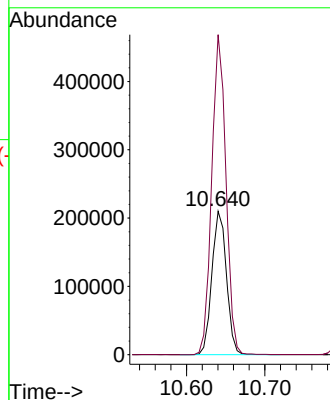
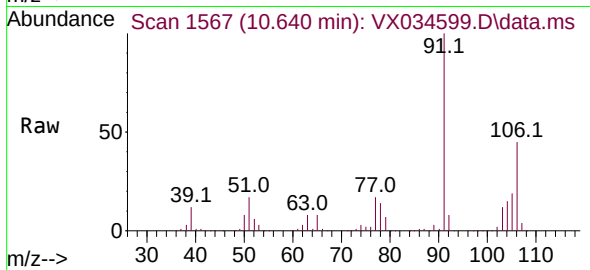
#69
o-Xylene
Concen: 44.915 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 270679
Ion Ratio Lower Upper
106 100
91 217.6 108.5 325.3

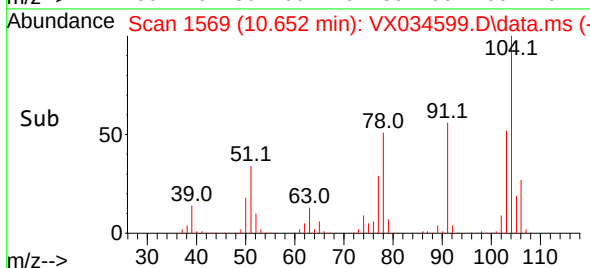
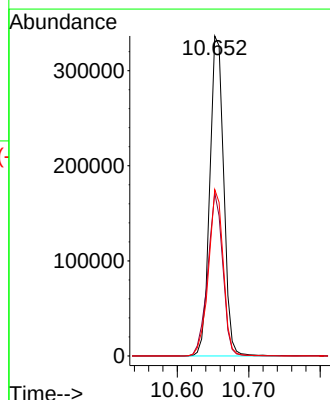
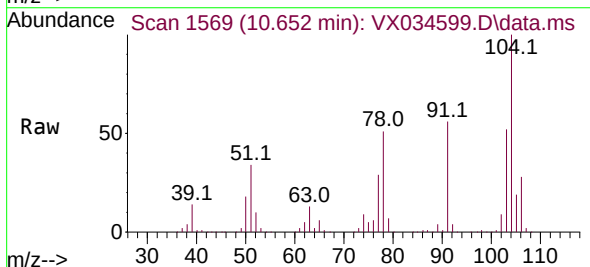
Manual Integrations
APPROVED

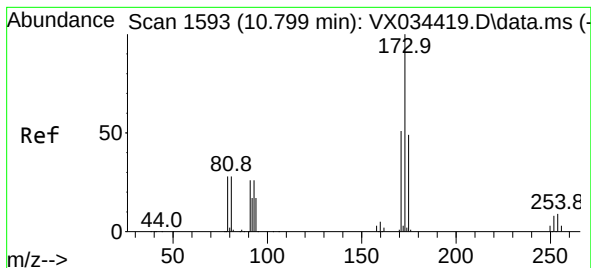
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#70
Styrene
Concen: 46.880 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion:104 Resp: 455816
Ion Ratio Lower Upper
104 100
78 54.7 43.4 65.2
103 55.1 44.2 66.2





#71

Bromoform

Concen: 47.722 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 116828

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.4

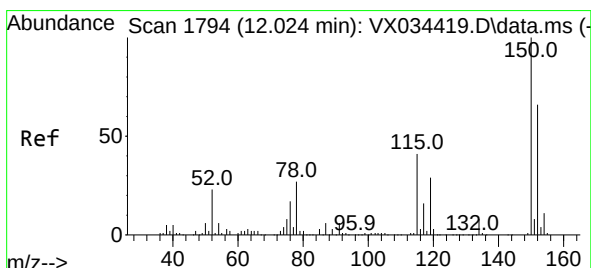
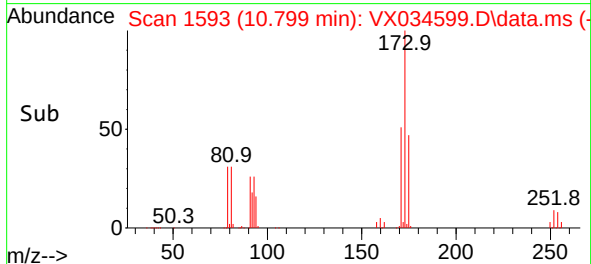
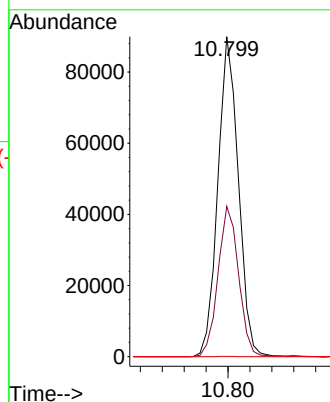
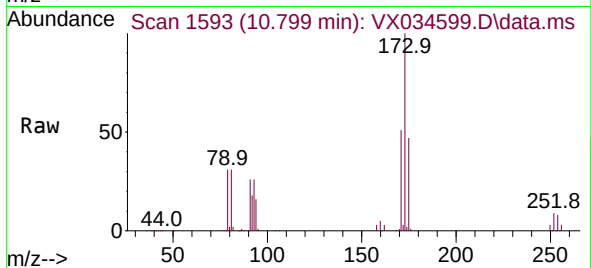
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

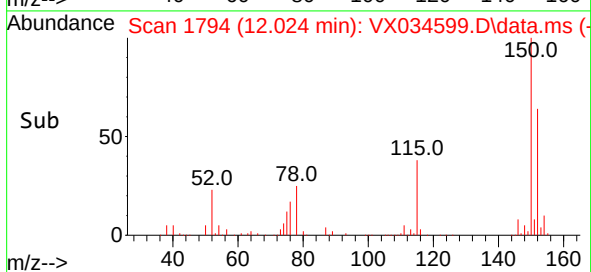
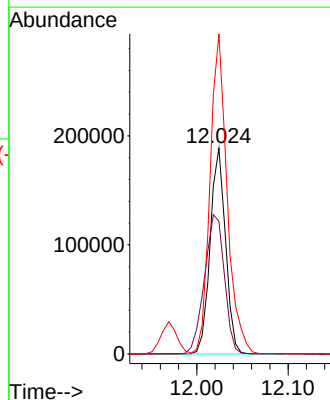
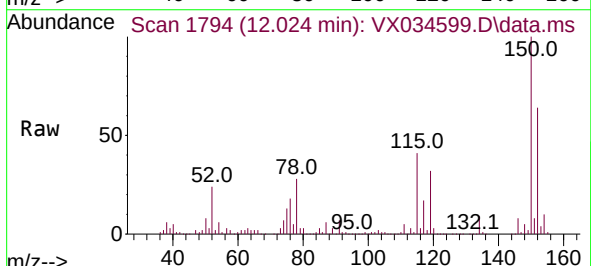
Tgt Ion:152 Resp: 219919

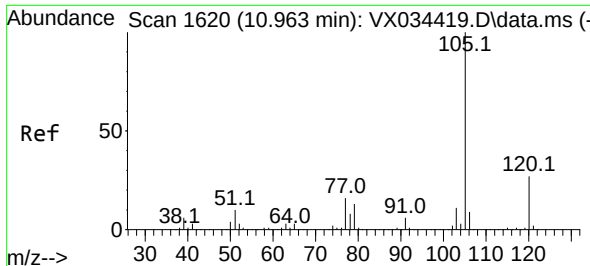
Ion Ratio Lower Upper

152 100

115 88.1 45.0 135.0

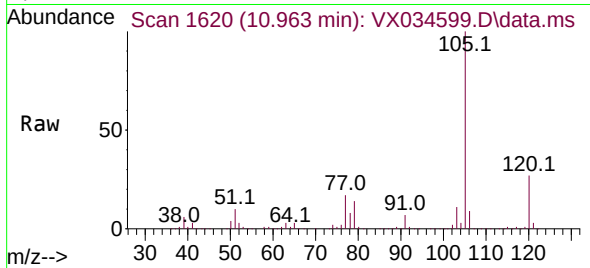
150 172.2 0.0 352.4





#73
Isopropylbenzene
Concen: 46.776 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

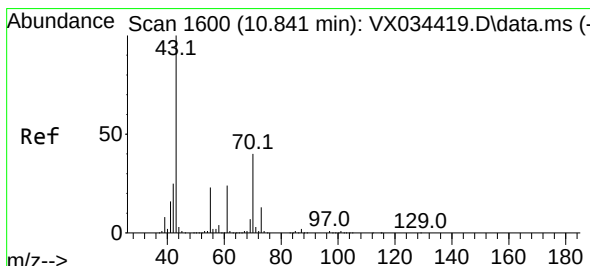
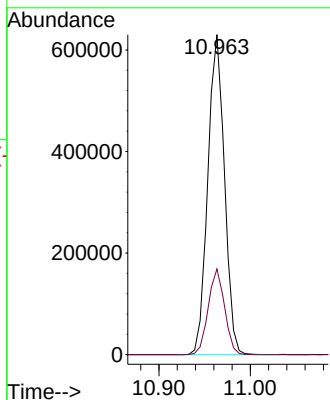
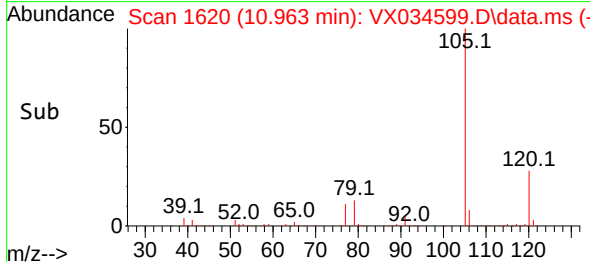
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



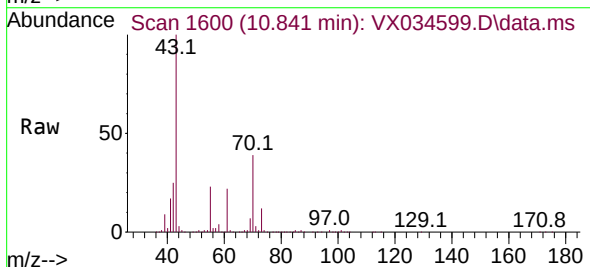
Tgt Ion:105 Resp: 79505
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9

Manual Integrations
APPROVED

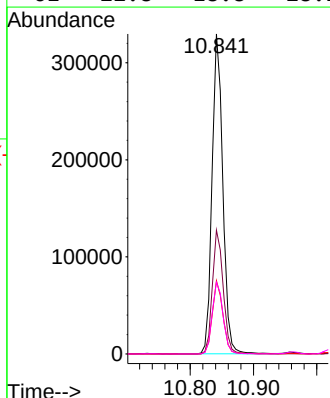
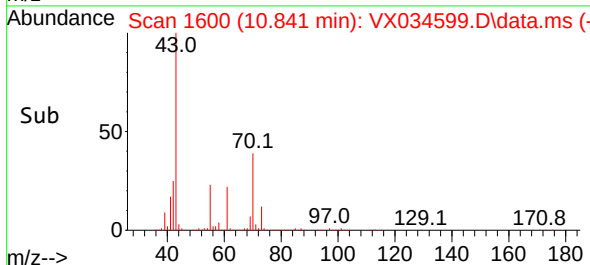
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

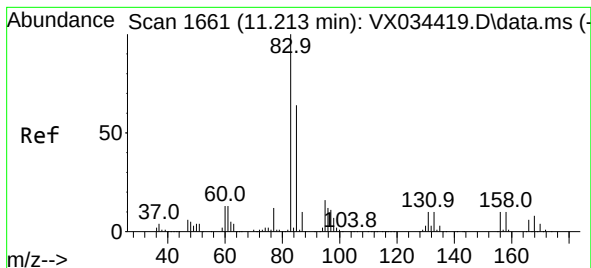


#74
N-ethyl acetate
Concen: 47.872 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 43 Resp: 389732
Ion Ratio Lower Upper
43 100
70 39.2 32.1 48.1
55 22.8 18.3 27.5
61 22.8 18.8 28.2





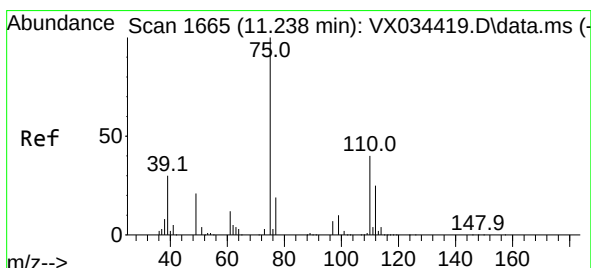
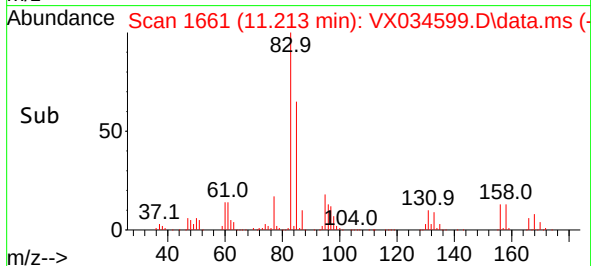
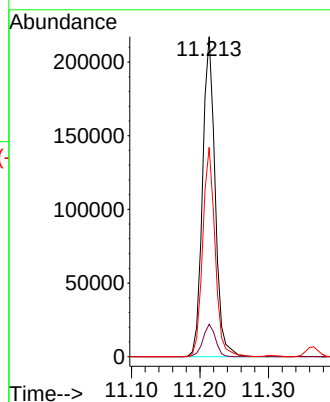
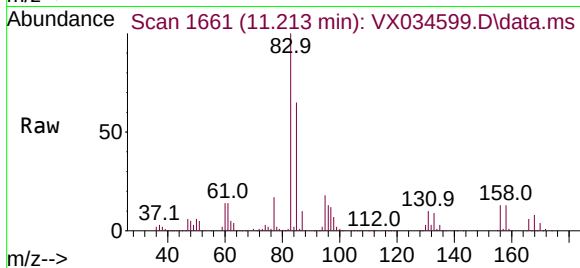
#75
1,1,2,2-Tetrachloroethane
Concen: 48.879 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 27723
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 64.6 32.0 96.0

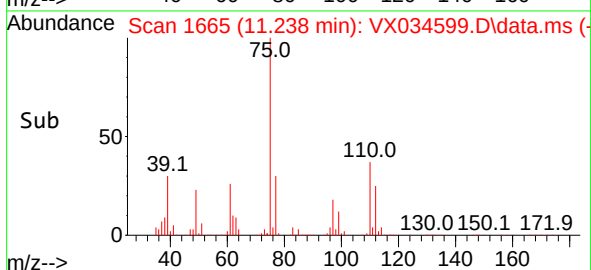
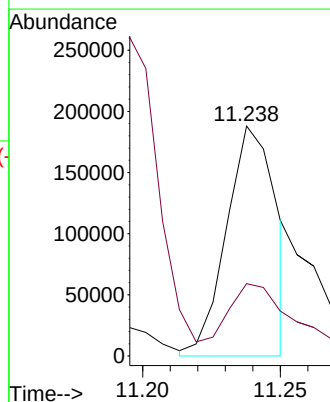
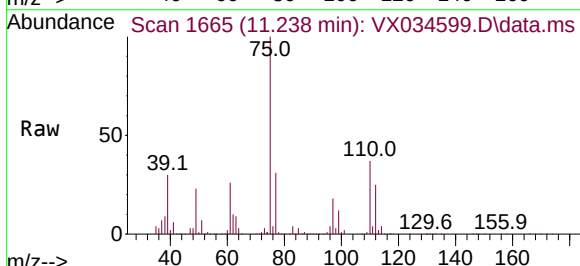
Manual Integrations
APPROVED

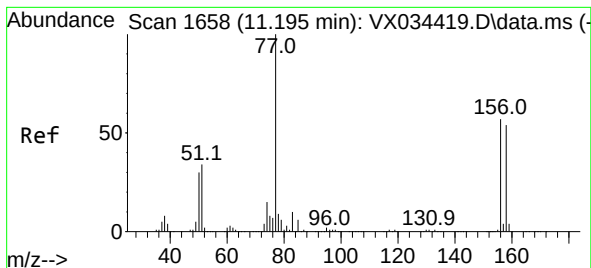
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#76
1,2,3-Trichloropropane
Concen: 46.529 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 75 Resp: 234951
Ion Ratio Lower Upper
75 100
77 43.3 21.6 64.8





#77

Bromobenzene

Concen: 46.681 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 19036

Ion Ratio Lower Upper

156 100

77 175.8 86.7 259.9

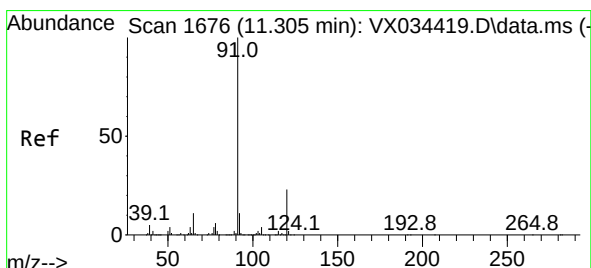
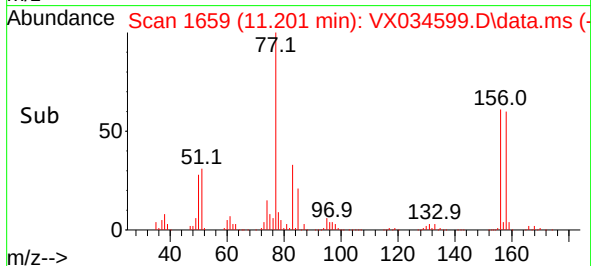
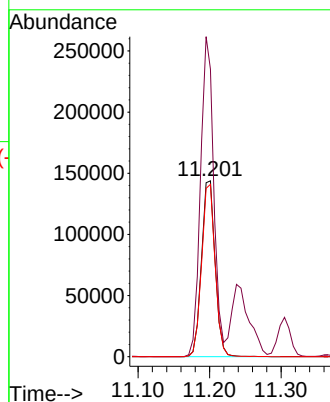
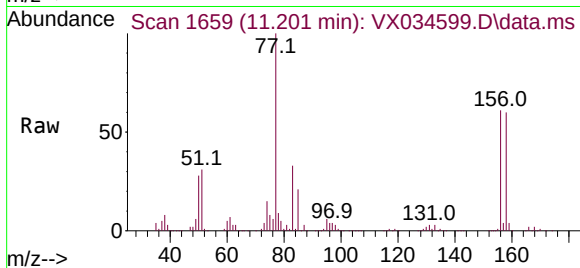
158 97.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#78

n-propylbenzene

Concen: 47.134 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034599.D

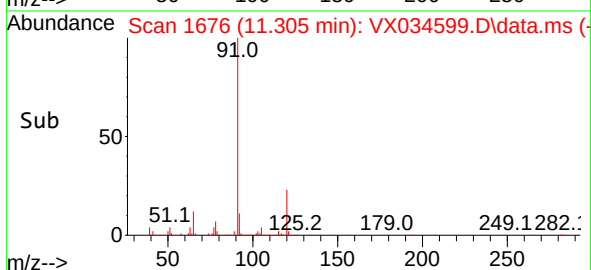
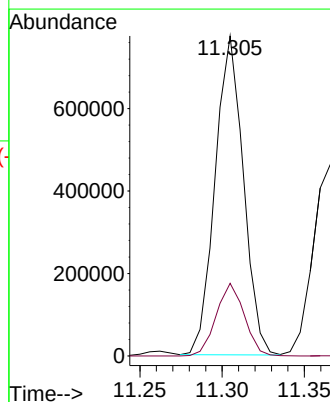
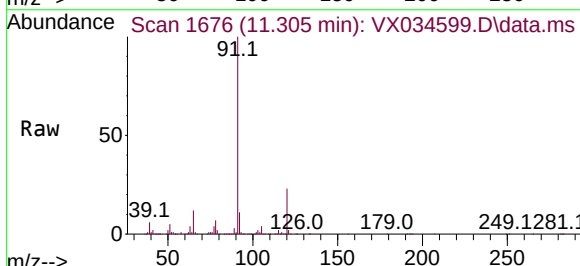
Acq: 17 Mar 2023 21:04

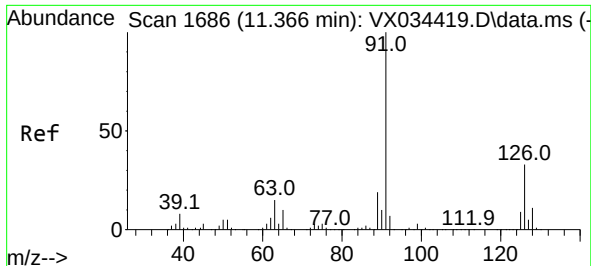
Tgt Ion: 91 Resp: 925223

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5





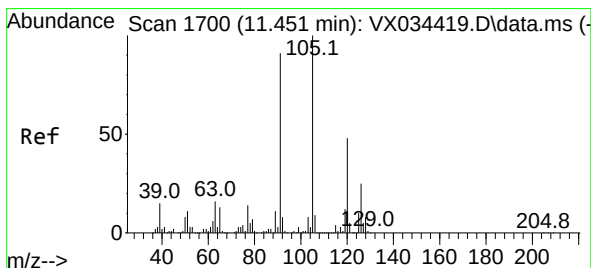
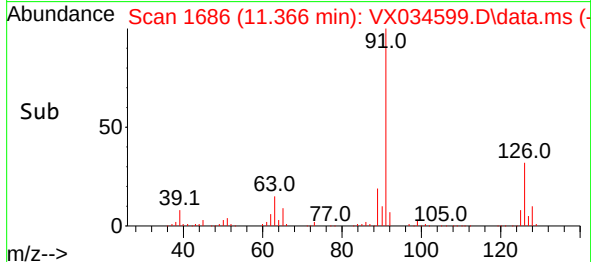
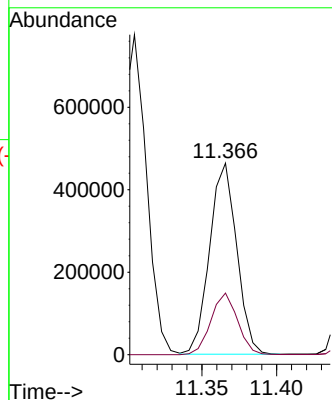
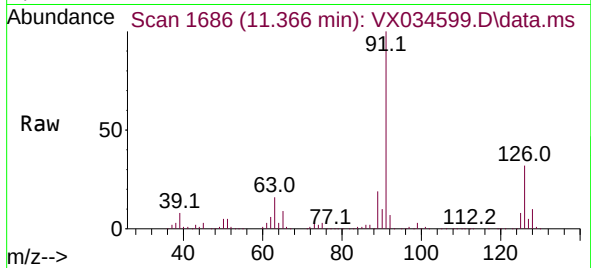
#79
2-Chlorotoluene
Concen: 48.209 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 58445
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.9

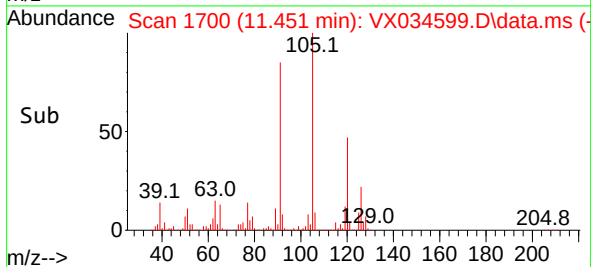
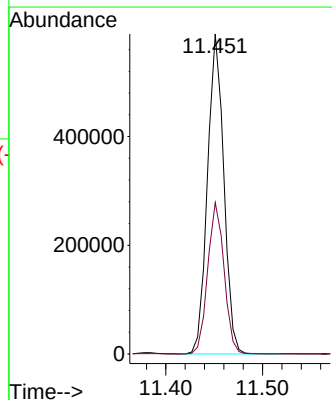
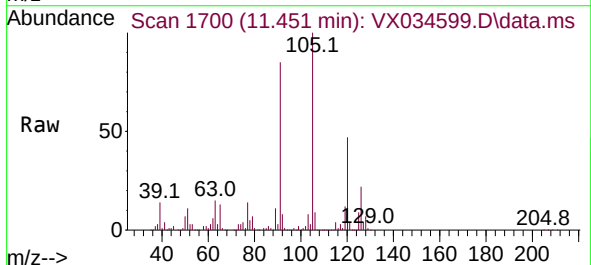
Manual Integrations
APPROVED

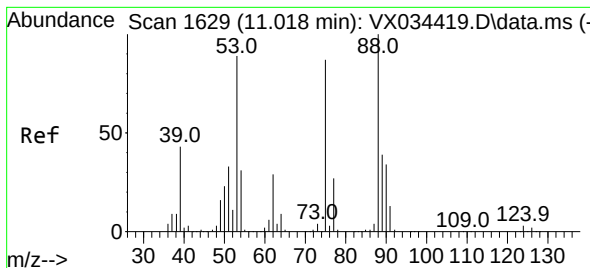
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.318 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion:105 Resp: 688846
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





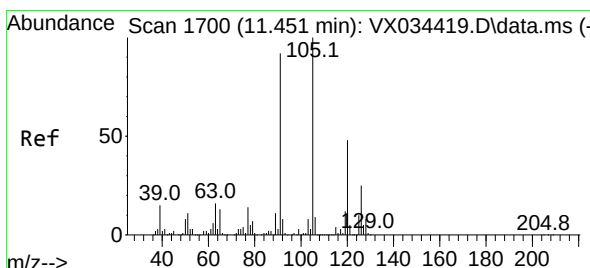
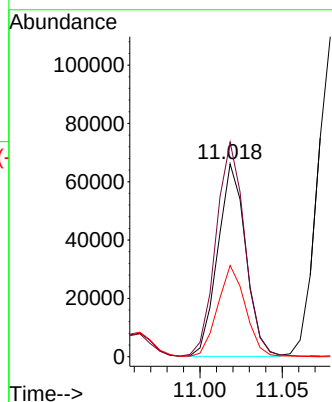
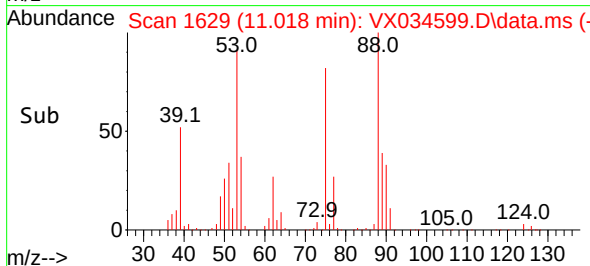
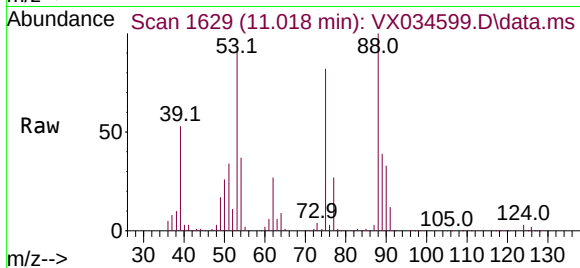
#81
trans-1,4-Dichloro-2-butene
Concen: 42.043 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7847
Ion Ratio Lower Upper
75 100
53 113.5 82.6 124.0
89 47.0 36.9 55.3

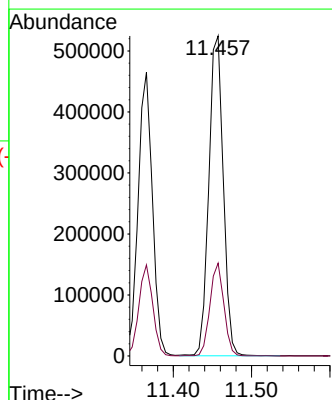
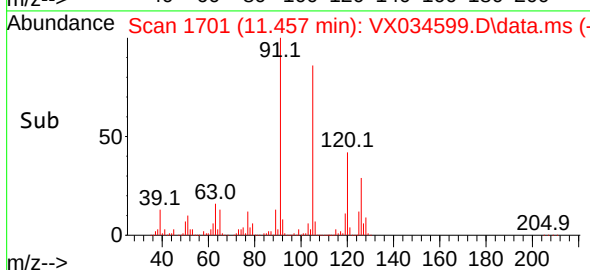
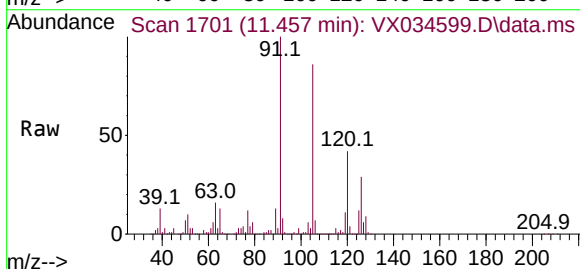
Manual Integrations
APPROVED

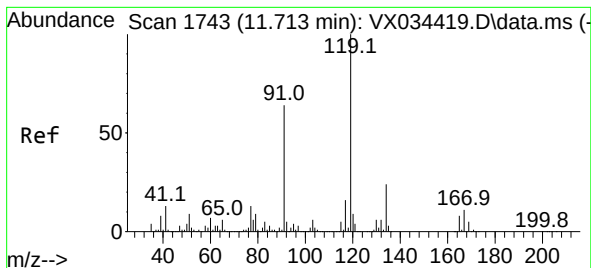
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#82
4-Chlorotoluene
Concen: 48.009 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

Tgt Ion: 91 Resp: 670410
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.846 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 687754

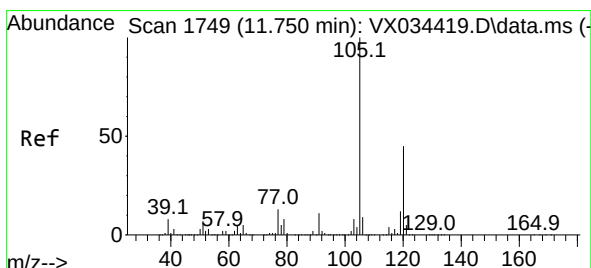
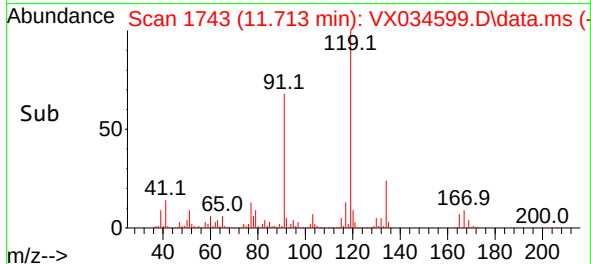
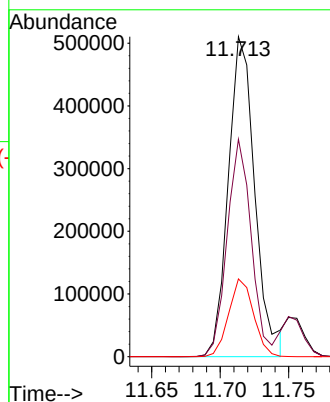
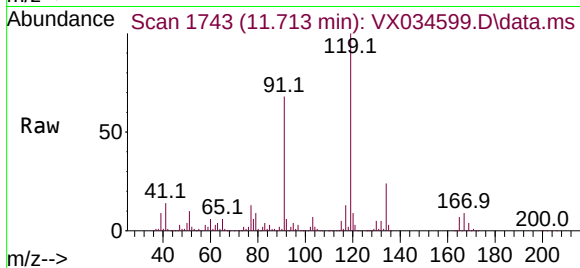
Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.6	92.0
134	22.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.373 ug/l

RT: 11.750 min Scan# 1749

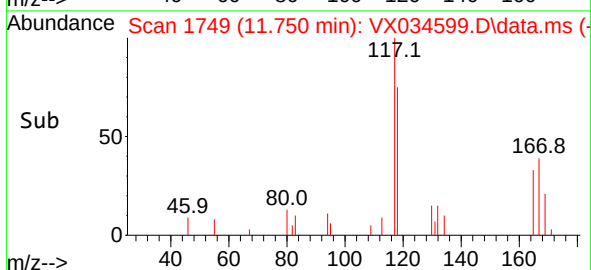
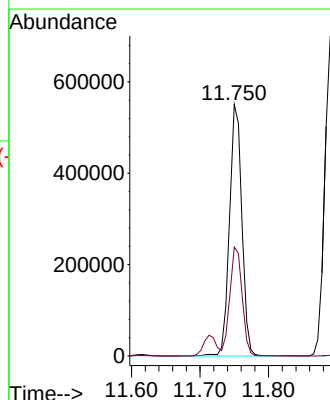
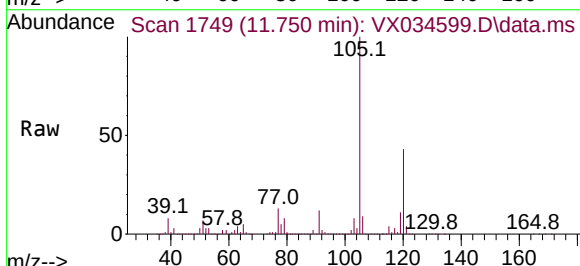
Delta R.T. 0.000 min

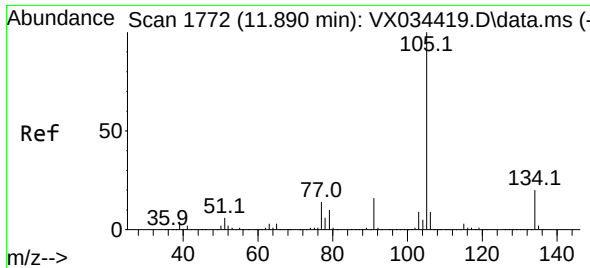
Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Tgt Ion:105 Resp: 690234

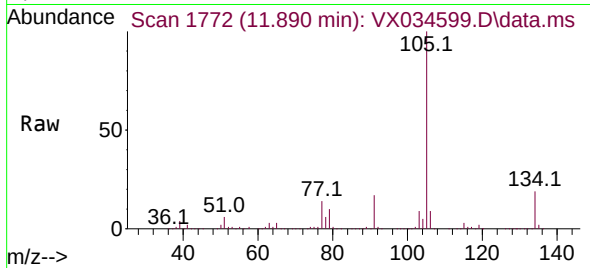
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 46.844 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04

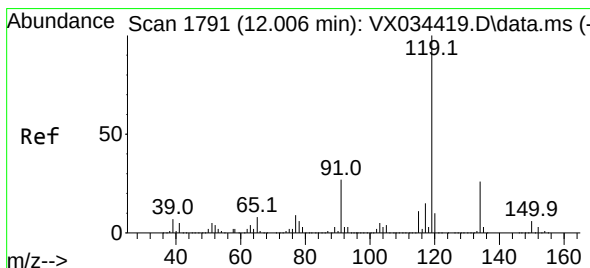
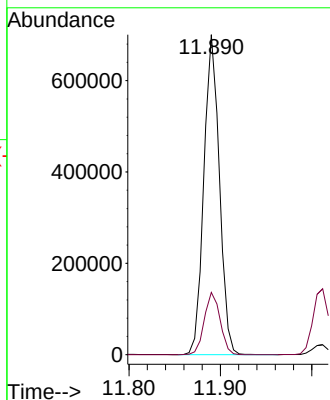
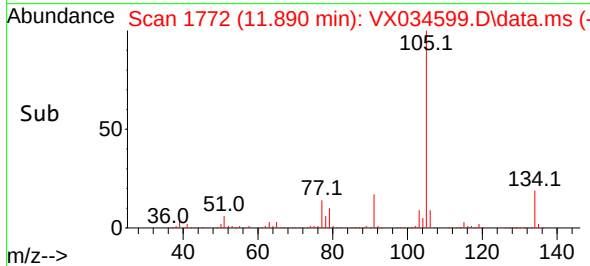
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



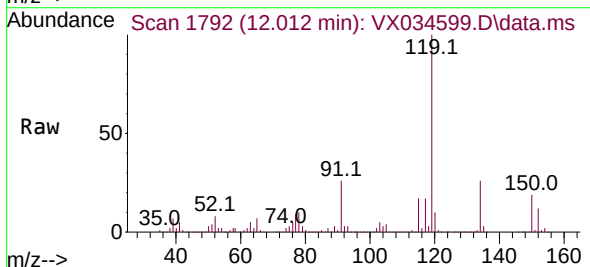
Tgt Ion:105 Resp: 823195
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

Manual Integrations
 APPROVED

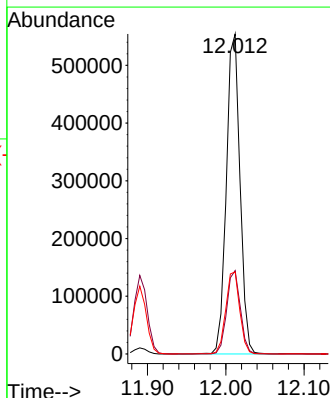
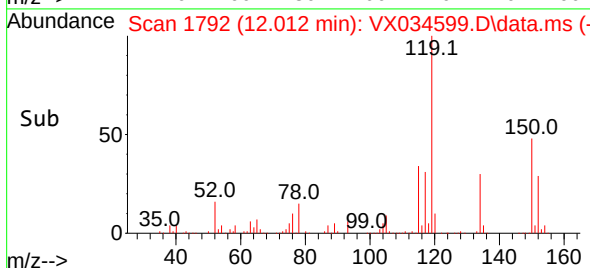
Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

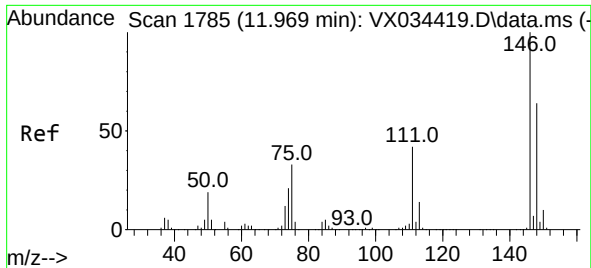


#86
 p-Isopropyltoluene
 Concen: 45.565 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034599.D
 Acq: 17 Mar 2023 21:04



Tgt Ion:119 Resp: 672961
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 26.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 43.821 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 350138

Ion Ratio Lower Upper

146 100

111 43.5 20.9 62.8

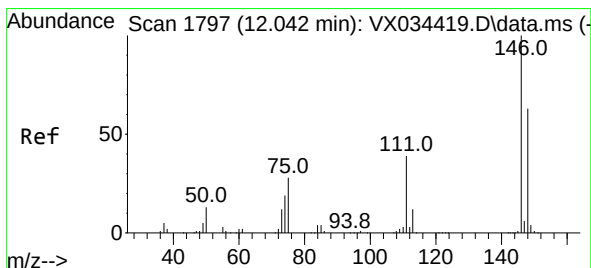
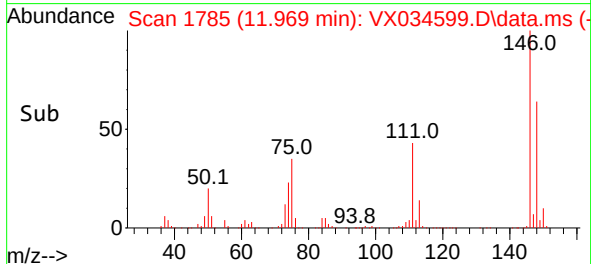
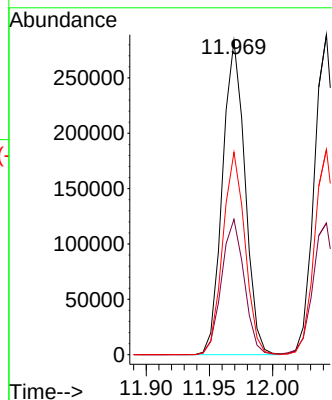
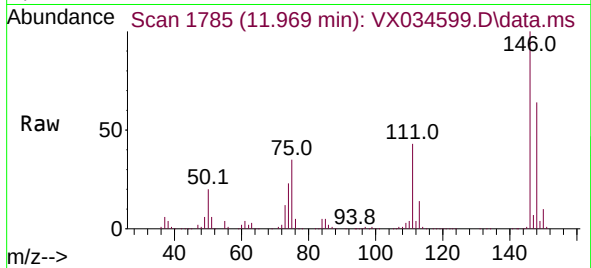
148 63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#88

1,4-Dichlorobenzene

Concen: 43.362 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

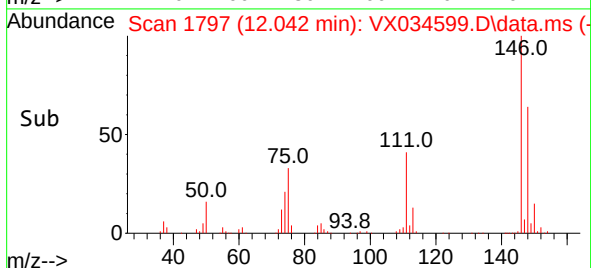
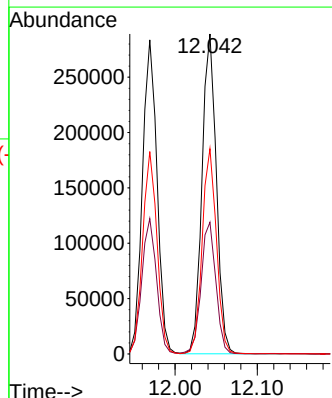
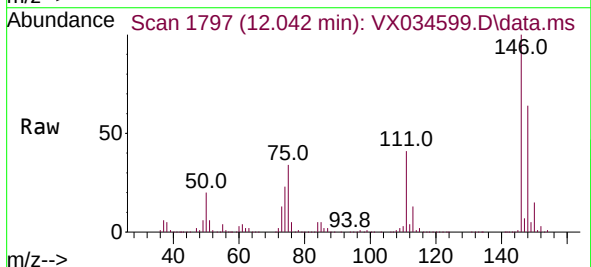
Tgt Ion:146 Resp: 350330

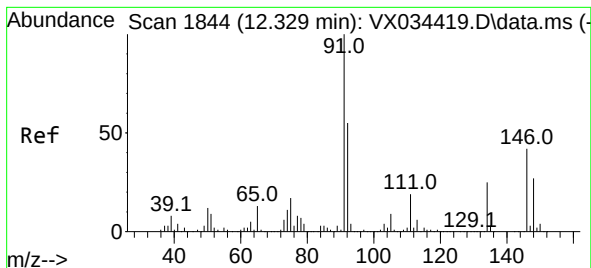
Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 45.658 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 59947

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

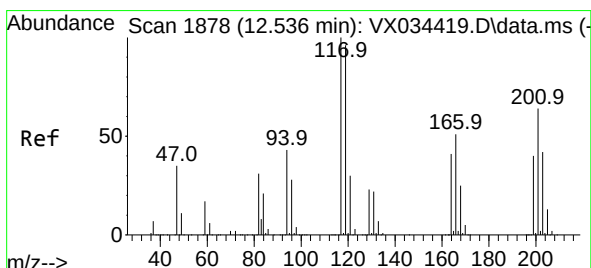
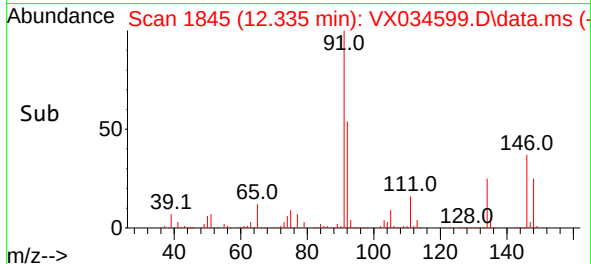
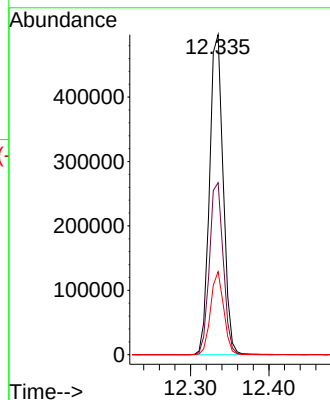
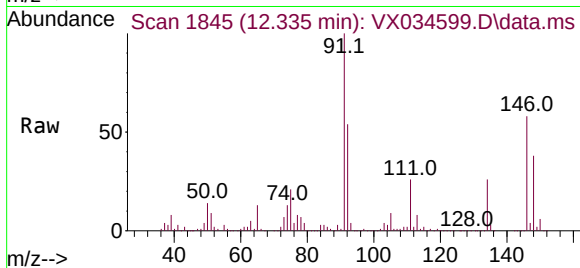
134 25.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#90

Hexachloroethane

Concen: 44.236 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX034599.D

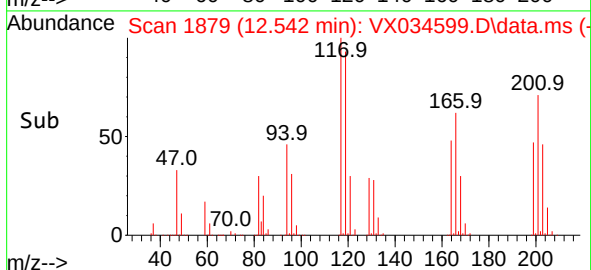
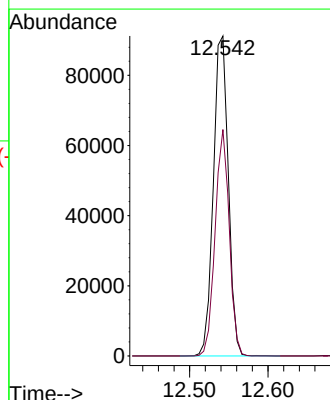
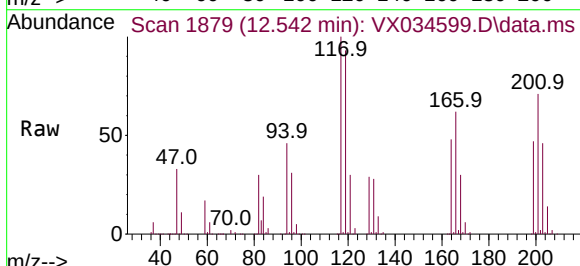
Acq: 17 Mar 2023 21:04

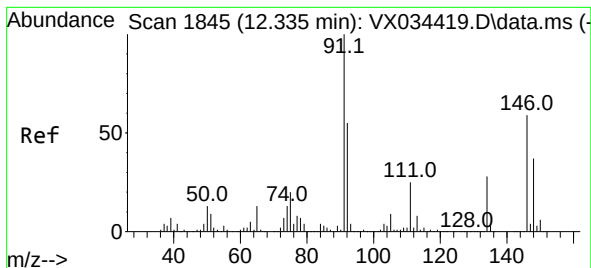
Tgt Ion:117 Resp: 120889

Ion Ratio Lower Upper

117 100

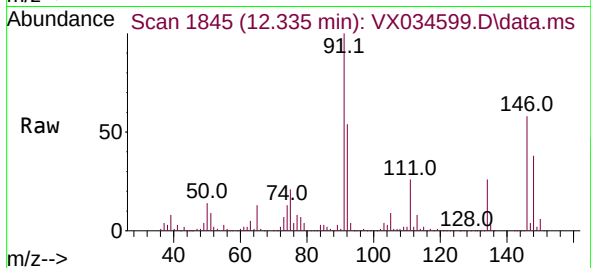
201 66.9 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 45.939 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

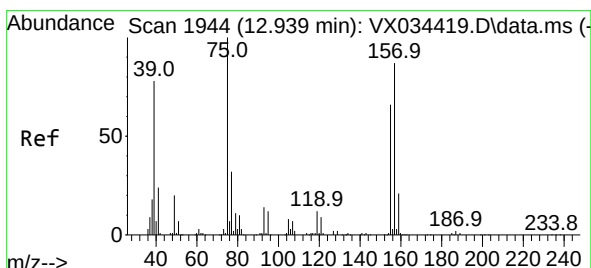
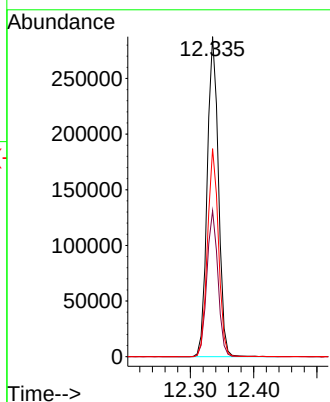
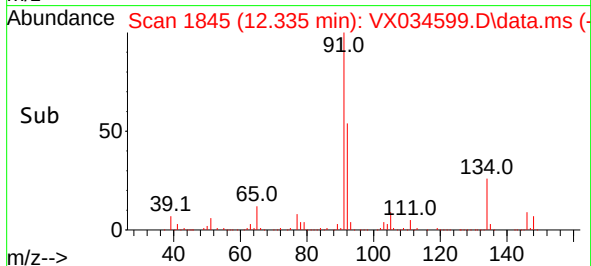
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



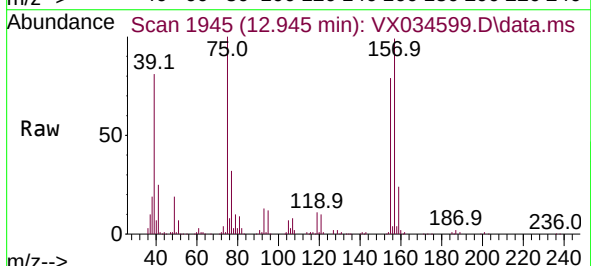
Tgt Ion:146 Resp: 354725
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations
APPROVED

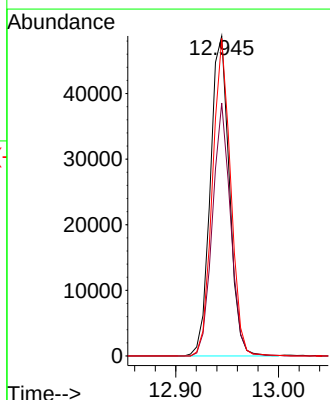
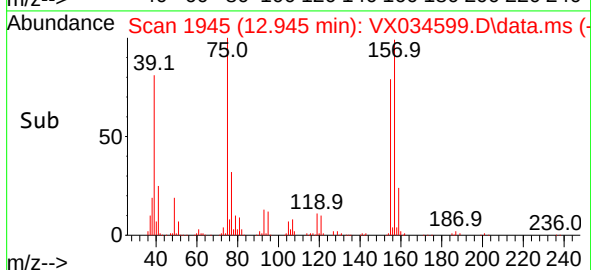
Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

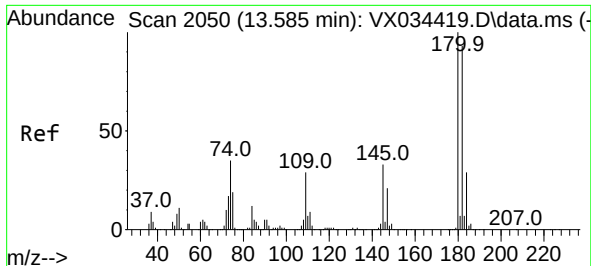


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.531 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion: 75 Resp: 62539
Ion Ratio Lower Upper
75 100
155 75.0 38.4 115.1
157 94.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 40.371 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

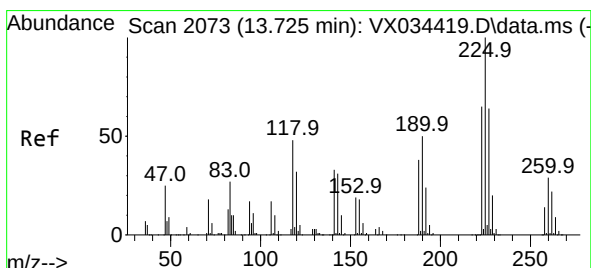
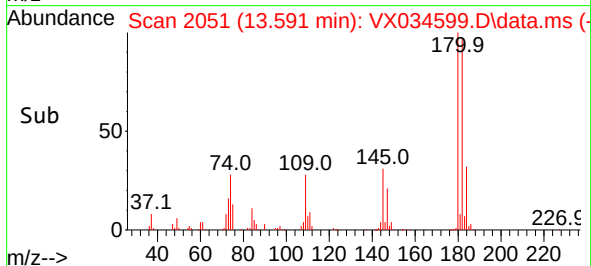
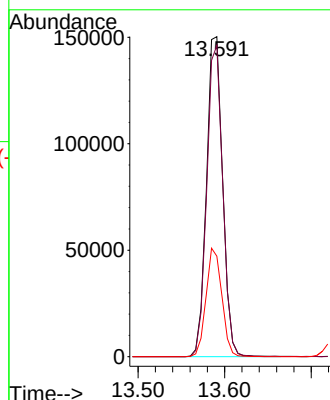
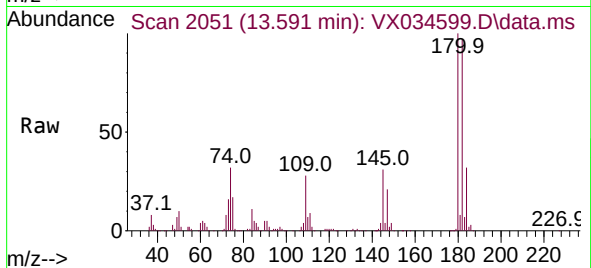
Tgt Ion:180	Resp:	19494
Ion Ratio	Lower	Upper
180	100	
182	96.0	47.0 141.0
145	33.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2023

Supervised By :Mahesh Dadoda 03/20/2023



#94

Hexachlorobutadiene

Concen: 39.388 ug/l

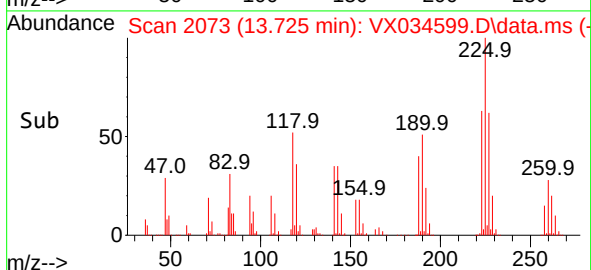
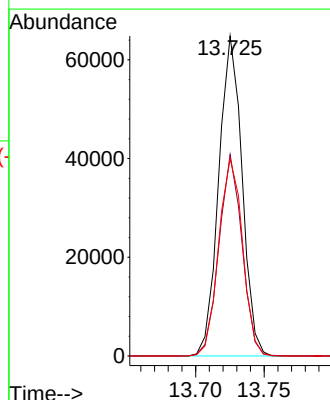
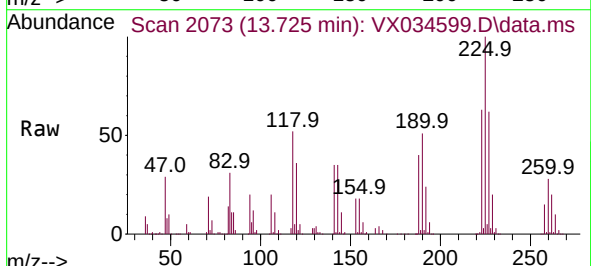
RT: 13.725 min Scan# 2073

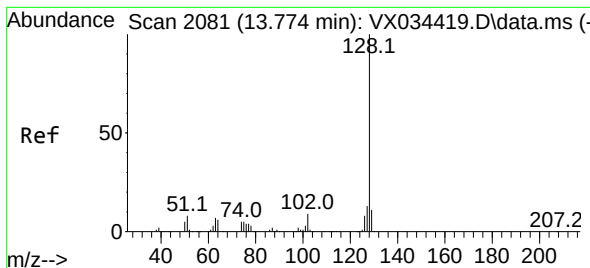
Delta R.T. -0.000 min

Lab File: VX034599.D

Acq: 17 Mar 2023 21:04

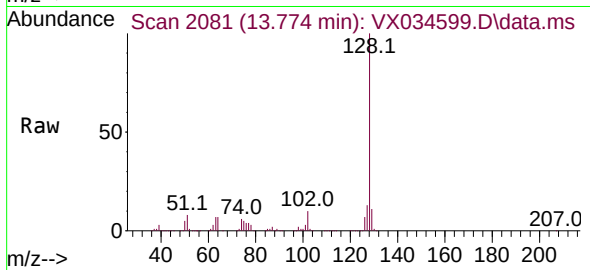
Tgt Ion:225	Resp:	76623
Ion Ratio	Lower	Upper
225	100	
223	62.0	32.1 96.5
227	63.0	31.8 95.4





#95
Naphthalene
Concen: 42.742 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04

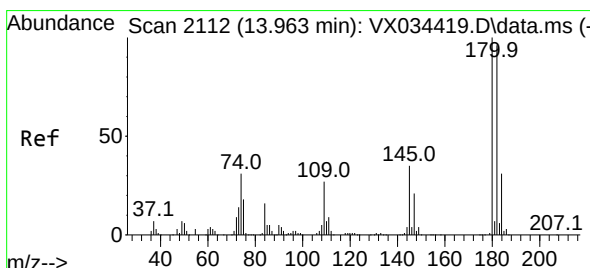
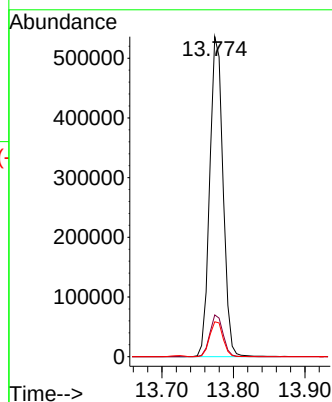
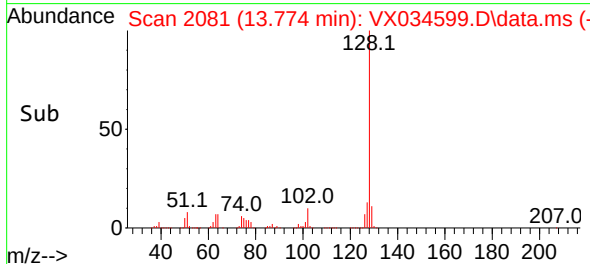
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



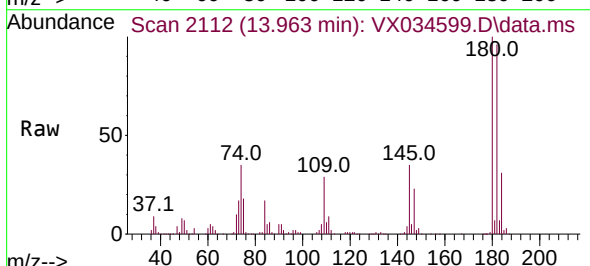
Tgt Ion:128 Resp: 69210
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.402 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034599.D
Acq: 17 Mar 2023 21:04



Tgt Ion:180 Resp: 190705
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.2
145 34.8 17.7 53.1

