

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034642.D
 Acq On : 20 Mar 2023 21:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:49:04 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	252072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193736	52.830	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.660%			
35) Dibromofluoromethane	5.385	113	147525	46.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.140%			
50) Toluene-d8	8.647	98	546849	45.749	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.500%#			
62) 4-Bromofluorobenzene	11.079	95	224197	46.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131046	55.765	ug/l	100
3) Chloromethane	1.307	50	181675	51.065	ug/l	99
4) Vinyl Chloride	1.374	62	166882	52.154	ug/l	99
5) Bromomethane	1.599	94	89493	55.433	ug/l	99
6) Chloroethane	1.678	64	106800	57.970	ug/l	97
7) Trichlorofluoromethane	1.880	101	263844	54.877	ug/l	100
8) Diethyl Ether	2.130	74	103272	58.840	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	139697	49.857	ug/l	100
10) Methyl Iodide	2.447	142	198789	54.038	ug/l	98
11) Tert butyl alcohol	2.959	59	191518	250.791	ug/l	100
12) 1,1-Dichloroethene	2.319	96	137044	49.662	ug/l	99
13) Acrolein	2.233	56	182945	302.827	ug/l	98
14) Allyl chloride	2.660	41	270589	48.367	ug/l	99
15) Acrylonitrile	3.062	53	434248	263.239	ug/l	99
16) Acetone	2.379	43	384894	222.816	ug/l	97
17) Carbon Disulfide	2.508	76	351661	45.283	ug/l	99
18) Methyl Acetate	2.703	43	313293	55.506	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	500540	50.660	ug/l	99
20) Methylene Chloride	2.788	84	162277	48.404	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	149056	50.862	ug/l	96
22) Diisopropyl ether	3.757	45	541286	50.746	ug/l	98
23) Vinyl Acetate	3.721	43	2046139	252.051	ug/l	100
24) 1,1-Dichloroethane	3.605	63	287110	50.073	ug/l	98
25) 2-Butanone	4.550	43	623138	252.111	ug/l	100
26) 2,2-Dichloropropane	4.471	77	217166	43.572	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	177562	50.331	ug/l	99
28) Bromochloromethane	4.897	49	134218	50.343	ug/l	99
29) Tetrahydrofuran	5.001	42	406232	266.352	ug/l	99
30) Chloroform	5.092	83	293575	52.233	ug/l	99
31) Cyclohexane	5.470	56	258373	50.238	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	255664	51.383	ug/l	99
36) 1,1-Dichloropropene	5.690	75	217910	44.308	ug/l	99
37) Ethyl Acetate	4.708	43	246787	45.933	ug/l	100
38) Carbon Tetrachloride	5.678	117	214698	43.883	ug/l	99
39) Methylcyclohexane	7.379	83	269493	45.789	ug/l	93
40) Benzene	6.037	78	632974	43.996	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	135065	45.870	ug/l	99
42) 1,2-Dichloroethane	6.086	62	251699	47.602	ug/l	99
43) Isopropyl Acetate	6.336	43	412409	45.310	ug/l	100
44) Trichloroethene	7.123	130	177861	47.580	ug/l	97
45) 1,2-Dichloropropane	7.427	63	183419	48.826	ug/l	99
46) Dibromomethane	7.580	93	127974	50.109	ug/l	99
47) Bromodichloromethane	7.824	83	253348	51.256	ug/l	98
48) Methyl methacrylate	7.689	41	231692	52.928	ug/l	97
49) 1,4-Dioxane	7.659	88	103143	1121.793	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1256895	238.044	ug/l	99
52) Toluene	8.720	92	405149	45.486	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	247947	44.527	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	280592	46.575	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	164361	46.496	ug/l	99
56) Ethyl methacrylate	9.116	69	269737	46.475	ug/l	98
57) 1,3-Dichloropropane	9.305	76	284961	45.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	689856	230.635	ug/l	100
59) 2-Hexanone	9.427	43	975654	239.037	ug/l	99
60) Dibromochloromethane	9.518	129	168653	45.491	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174732	45.806	ug/l	99
64) Tetrachloroethene	9.275	164	133792	50.216	ug/l	97
65) Chlorobenzene	10.079	112	429991	49.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	158275	49.936	ug/l	100
67) Ethyl Benzene	10.195	91	796178	51.104	ug/l	98
68) m/p-Xylenes	10.299	106	605277	101.137	ug/l	98
69) o-Xylene	10.640	106	298953	49.776	ug/l	97
70) Styrene	10.652	104	499696	51.569	ug/l	100
71) Bromoform	10.799	173	120730	49.484	ug/l #	100
73) Isopropylbenzene	10.963	105	784379	48.519	ug/l	100
74) N-amyl acetate	10.841	43	399096	51.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	269509	49.958	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	222163m	46.256	ug/l	
77) Bromobenzene	11.195	156	185171	47.740	ug/l	98
78) n-propylbenzene	11.305	91	925620	49.576	ug/l	99
79) 2-Chlorotoluene	11.366	91	568107	49.268	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	670796	49.469	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	77317	43.550	ug/l	92
82) 4-Chlorotoluene	11.451	91	661555	49.809	ug/l	100
83) tert-Butylbenzene	11.713	119	654588	47.879	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	681953	49.209	ug/l	99
85) sec-Butylbenzene	11.890	105	797690	47.725	ug/l	100
86) p-Isopropyltoluene	12.012	119	668927	47.619	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	360456	47.430	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	366978	47.756	ug/l	100
89) n-Butylbenzene	12.335	91	589204	47.181	ug/l	99
90) Hexachloroethane	12.536	117	117562	45.228	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	363015	49.427	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	61320	50.030	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	215959	47.021	ug/l	99
94) Hexachlorobutadiene	13.725	225	83203	44.968	ug/l	99
95) Naphthalene	13.774	128	766282	49.754	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211931	47.206	ug/l	100

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VSTDCCC050EC

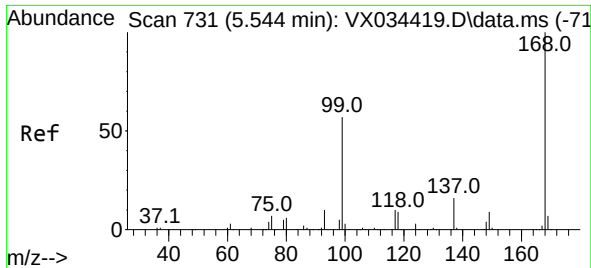
Manual Integrations
APPROVED

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



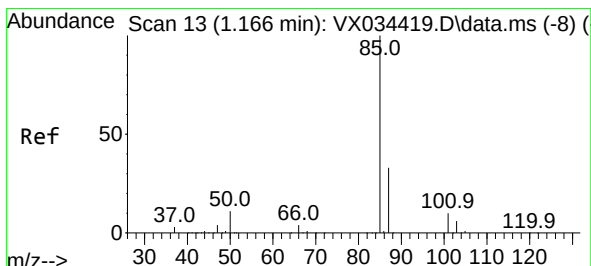
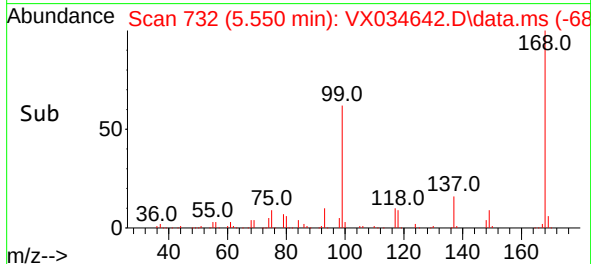
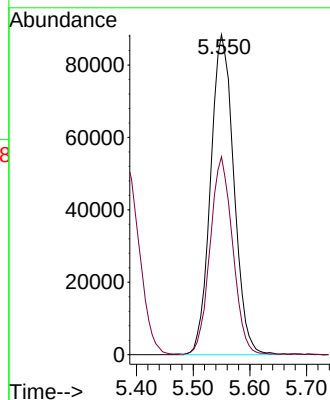
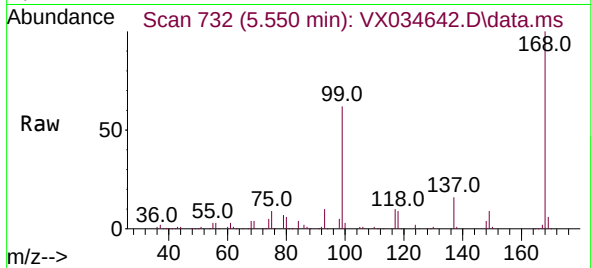
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034642.D
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Tgt Ion:168 Resp: 252072
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5

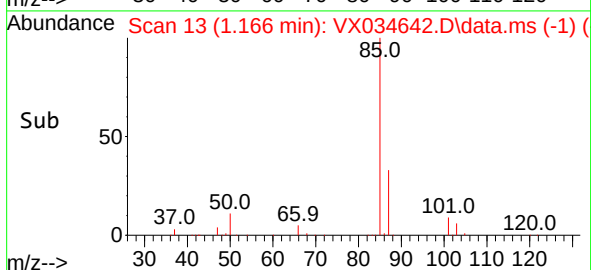
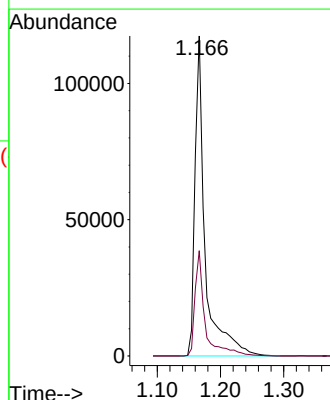
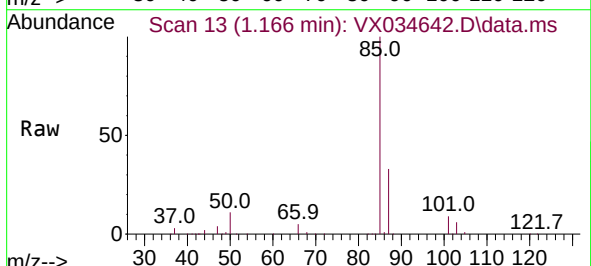
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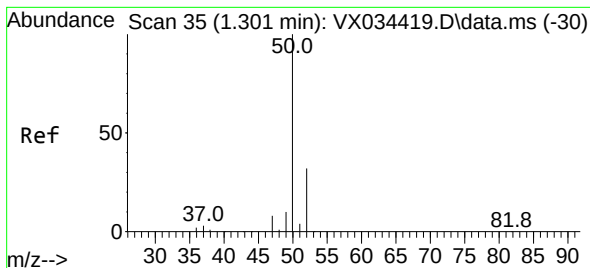
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#2
Dichlorodifluoromethane
Concen: 55.765 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 85 Resp: 131046
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





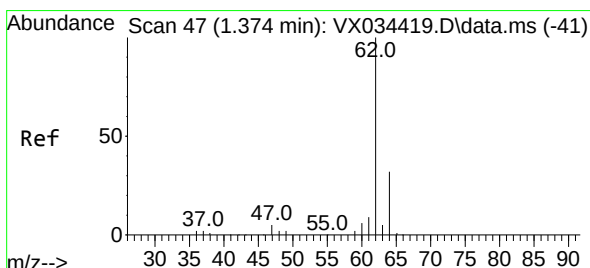
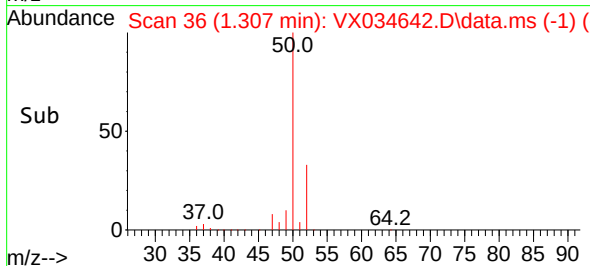
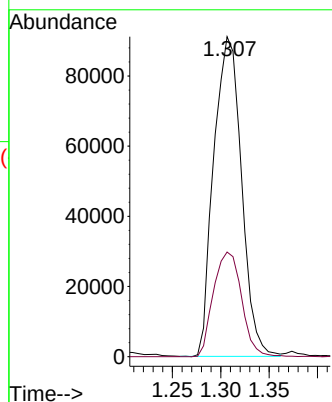
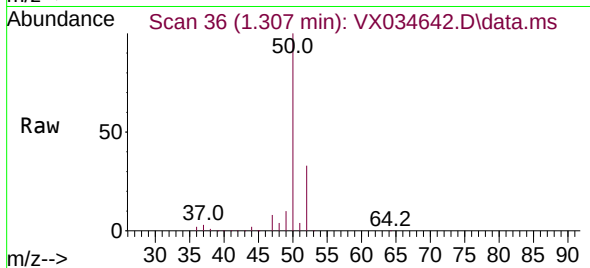
#3
Chloromethane
Concen: 51.065 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
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VSTDCCC050EC

Tgt Ion: 50 Resp: 181679
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

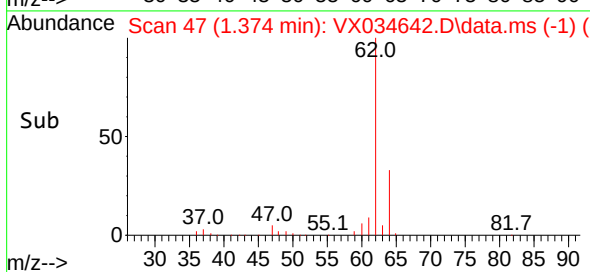
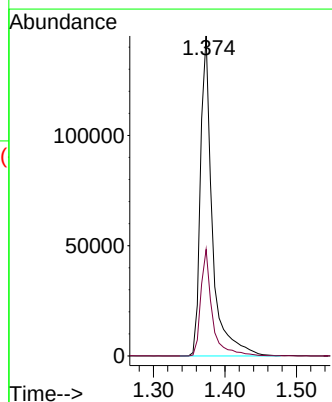
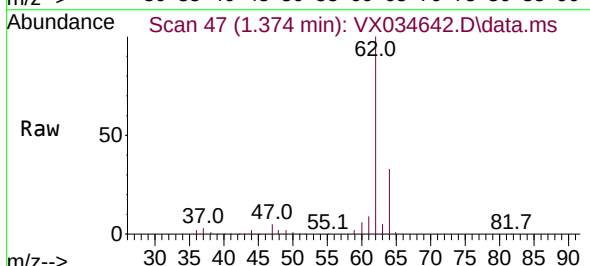
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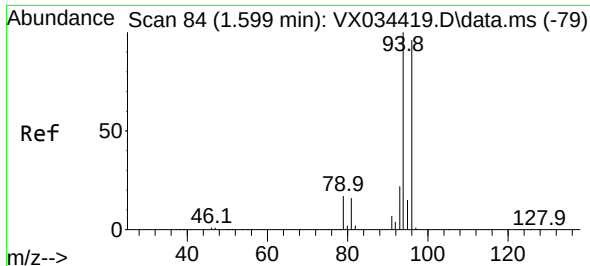
Reviewed By :John Carlone 03/21/2023
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#4
Vinyl Chloride
Concen: 52.154 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

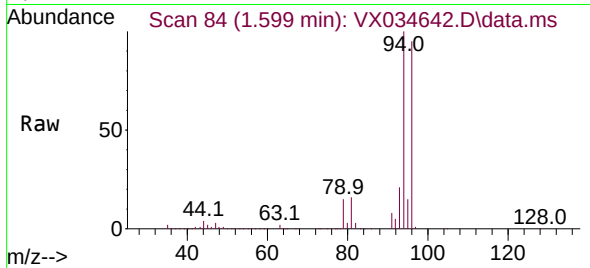
Tgt Ion: 62 Resp: 166882
Ion Ratio Lower Upper
62 100
64 33.3 26.4 39.6





#5
Bromomethane
Concen: 55.433 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

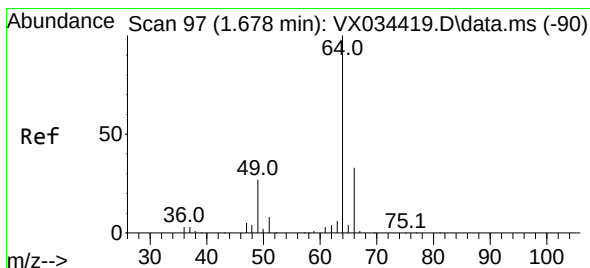
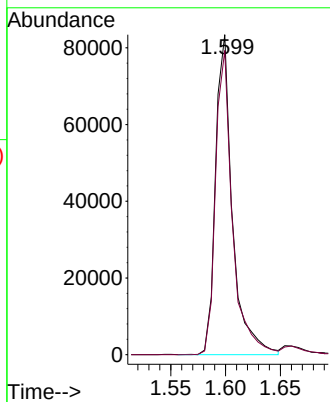
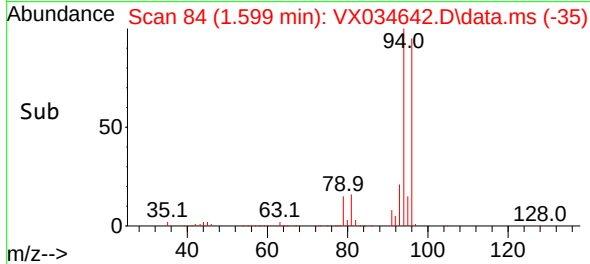
Instrument :
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Tgt Ion: 94 Resp: 8949
Ion Ratio Lower Upper
94 100
96 95.1 77.0 115.6

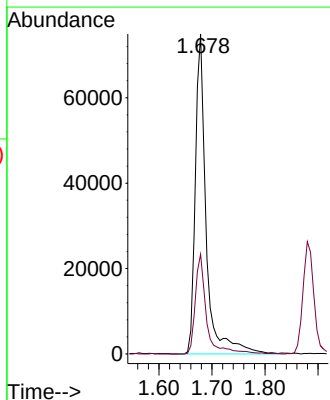
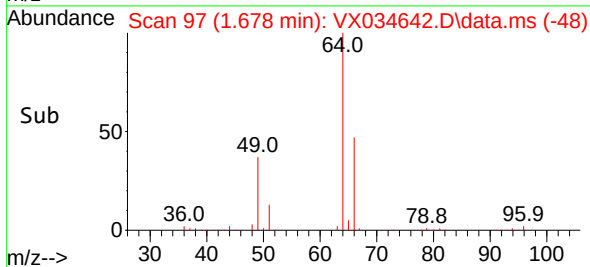
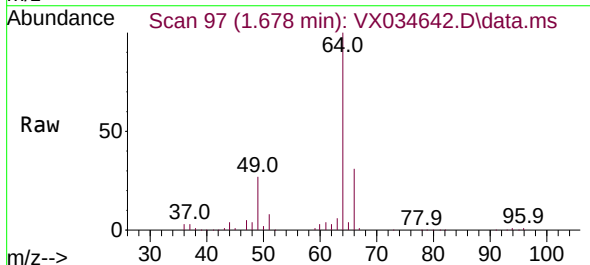
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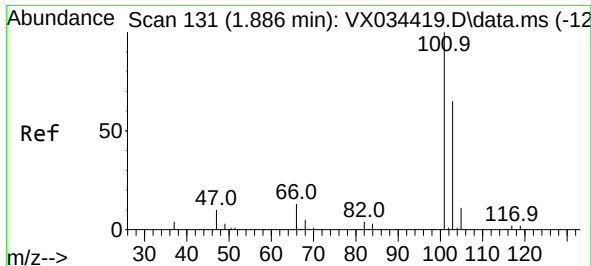
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#6
Chloroethane
Concen: 57.970 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX034642.D
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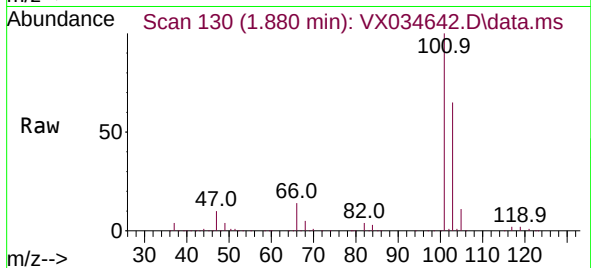
Tgt Ion: 64 Resp: 106800
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 54.877 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034642.D
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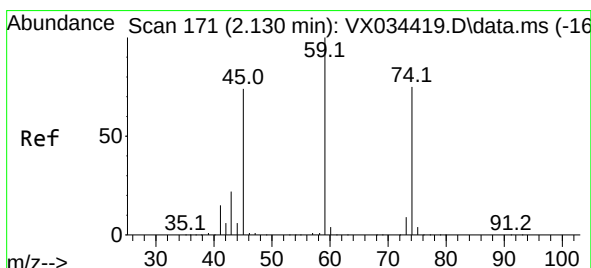
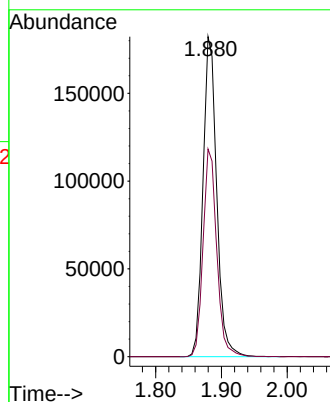
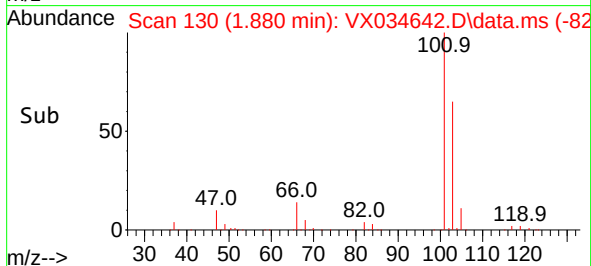
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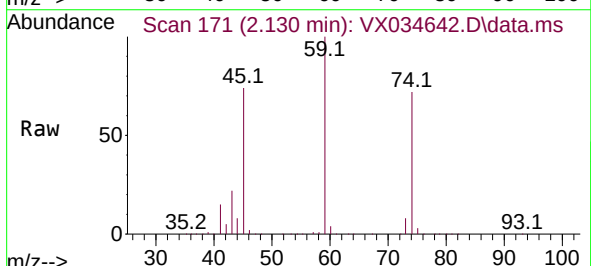
Tgt Ion:101 Resp: 26384
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

Manual Integrations
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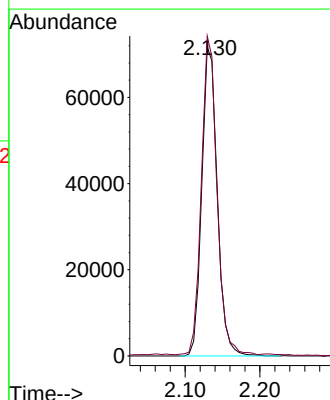
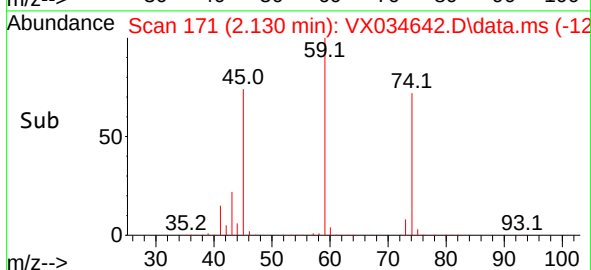
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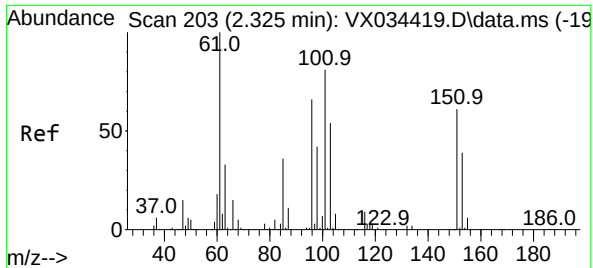


#8
Diethyl Ether
Concen: 58.840 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 103272
Ion Ratio Lower Upper
74 100
45 103.2 49.8 149.3





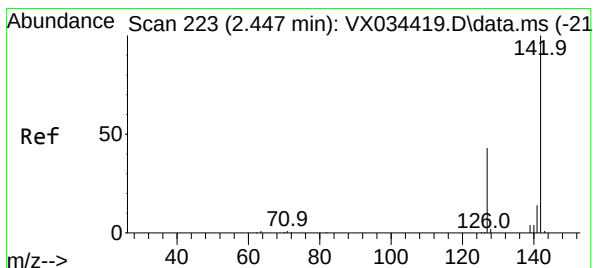
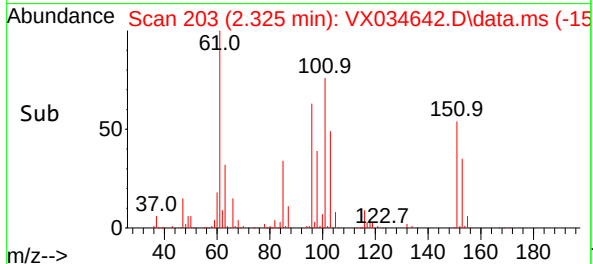
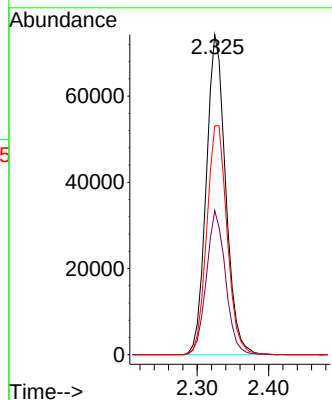
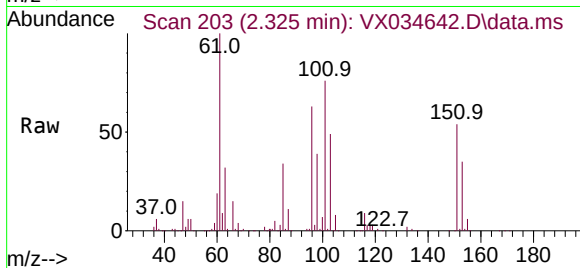
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.857 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034642.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 13969
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 75.2 60.2 90.4

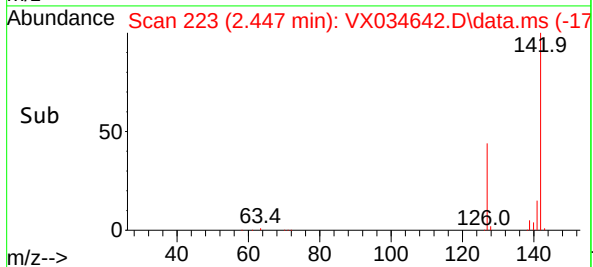
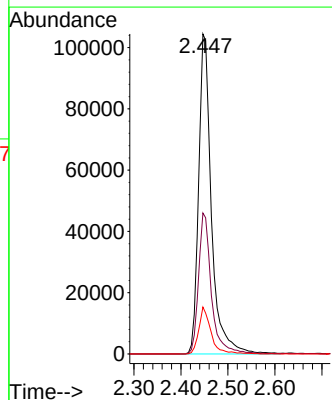
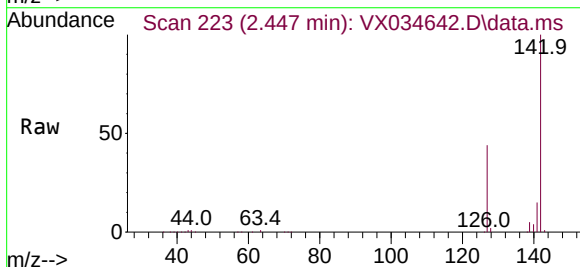
Manual Integrations
APPROVED

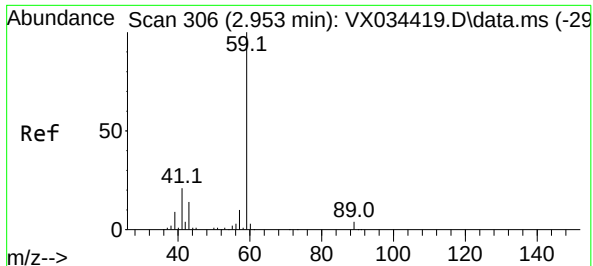
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#10
Methyl Iodide
Concen: 54.038 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:142 Resp: 198789
Ion Ratio Lower Upper
142 100
127 44.4 34.0 51.0
141 14.0 11.1 16.7





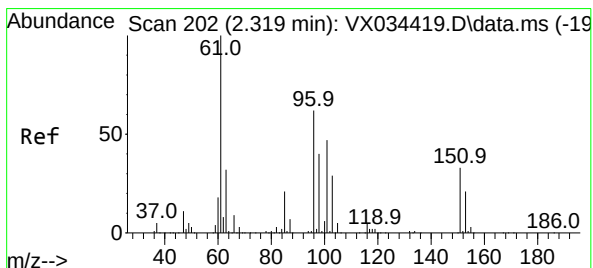
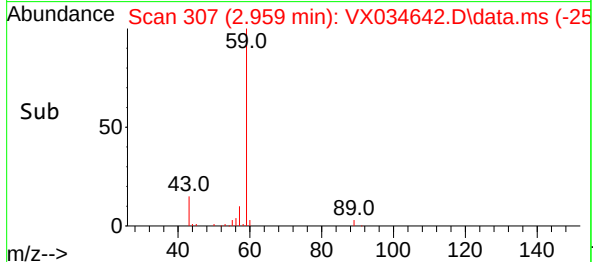
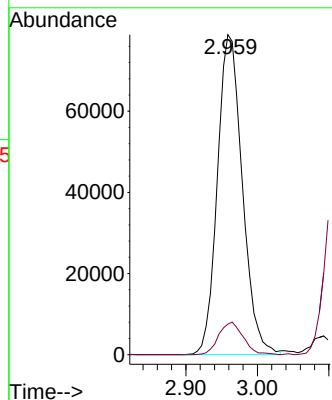
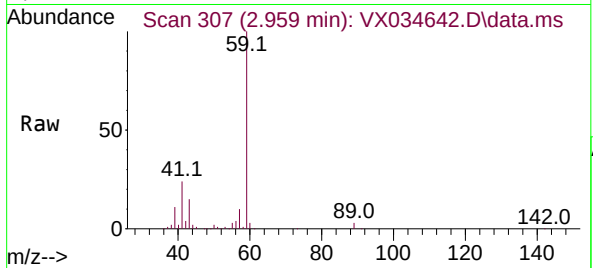
#11
Tert butyl alcohol
Concen: 250.791 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 191518
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

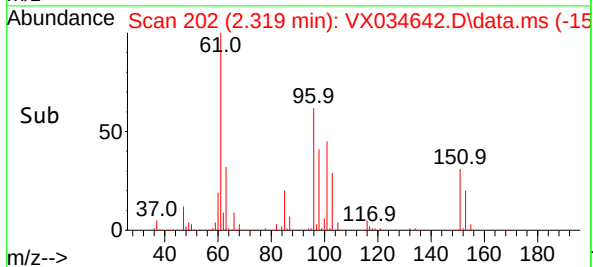
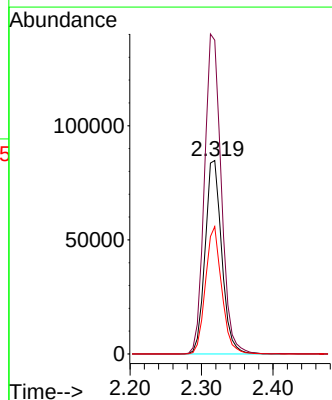
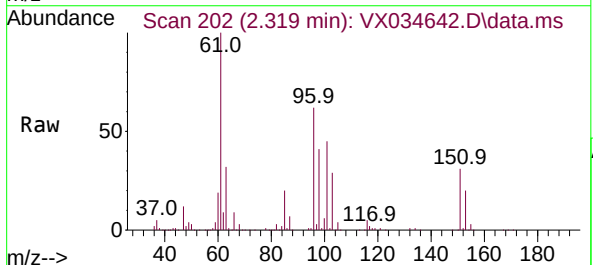
Manual Integrations
APPROVED

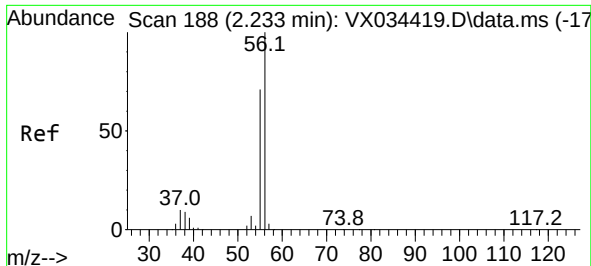
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 49.662 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

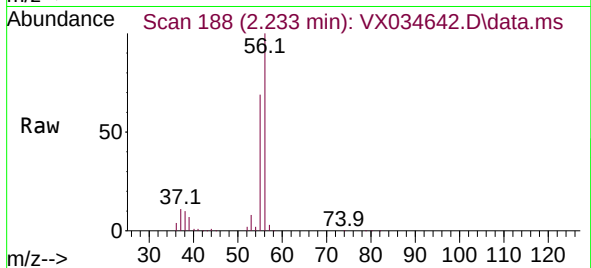
Tgt Ion: 96 Resp: 137044
Ion Ratio Lower Upper
96 100
61 162.1 128.8 193.2
98 65.8 51.4 77.0





#13
Acrolein
Concen: 302.827 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

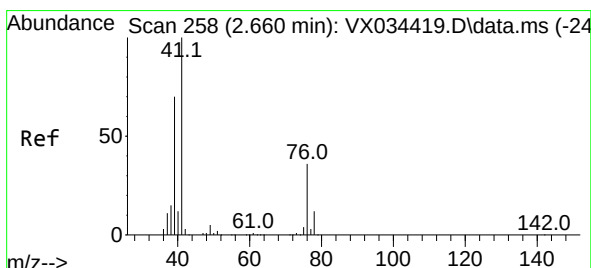
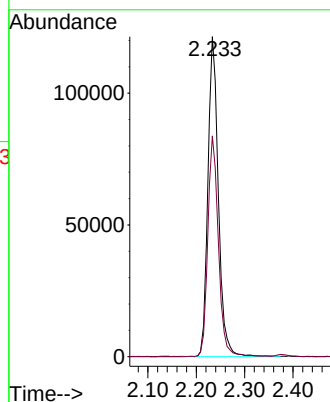
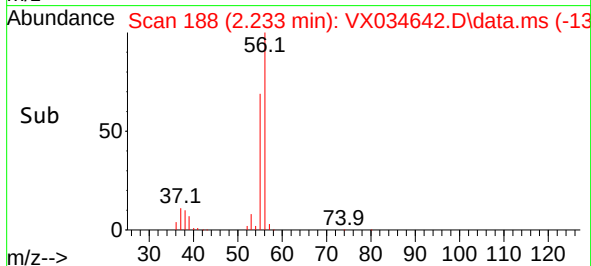
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 182945
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

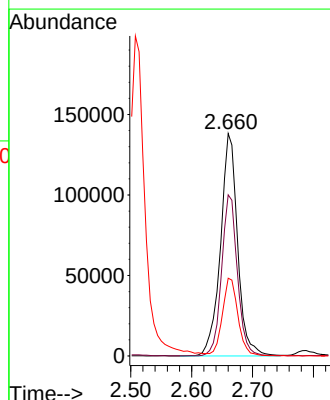
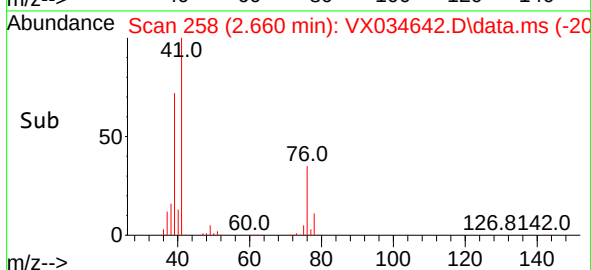
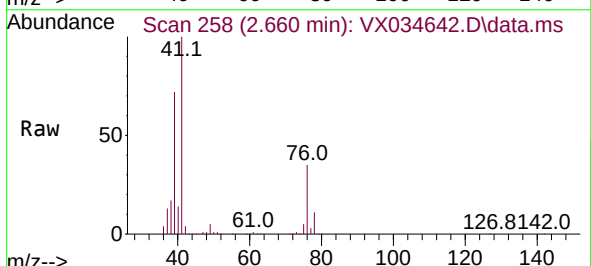
Manual Integrations
APPROVED

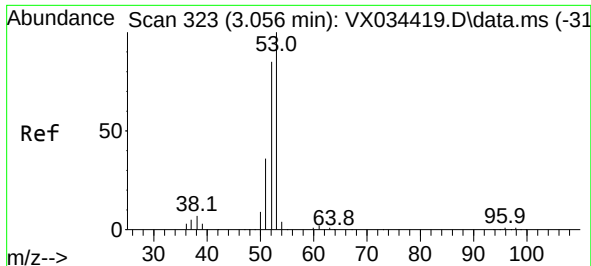
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 48.367 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 41 Resp: 270589
Ion Ratio Lower Upper
41 100
39 66.7 52.4 78.6
76 31.7 26.0 39.0





#15

Acrylonitrile

Concen: 263.239 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 434248

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

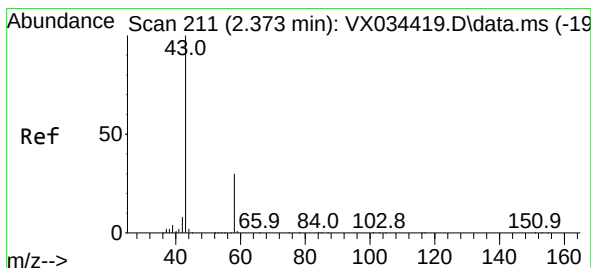
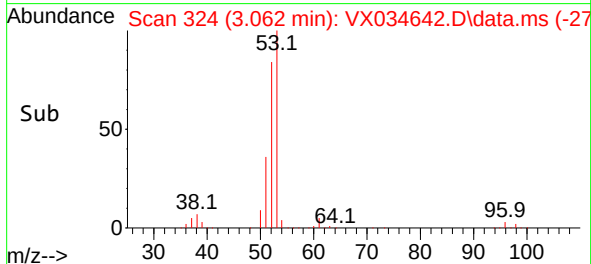
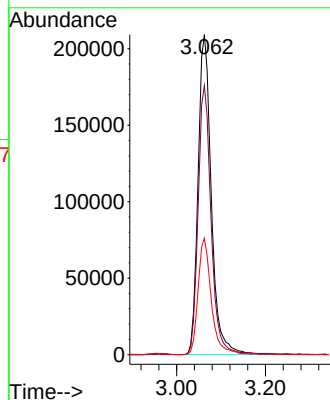
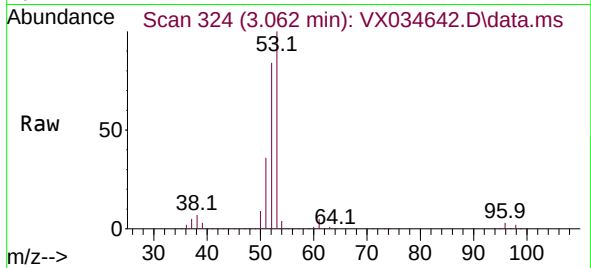
51 36.3 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#16

Acetone

Concen: 222.816 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034642.D

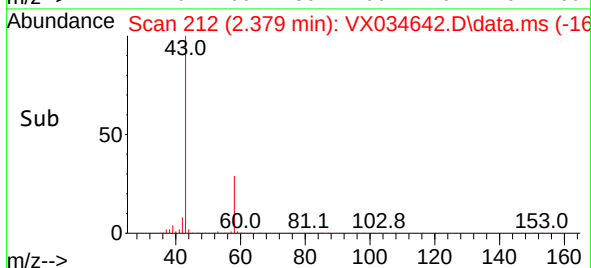
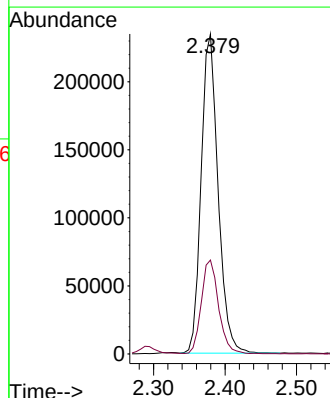
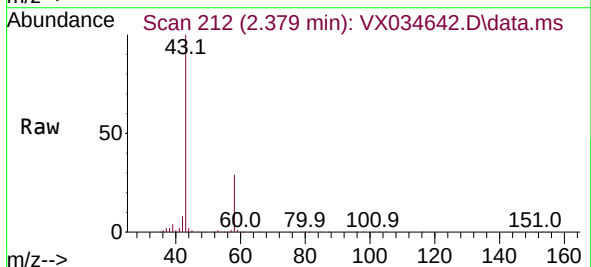
Acq: 20 Mar 2023 21:14

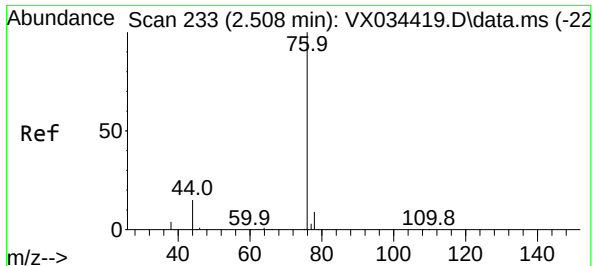
Tgt Ion: 43 Resp: 384894

Ion Ratio Lower Upper

43 100

58 29.3 24.7 37.1





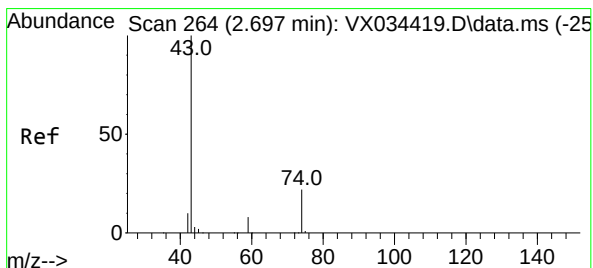
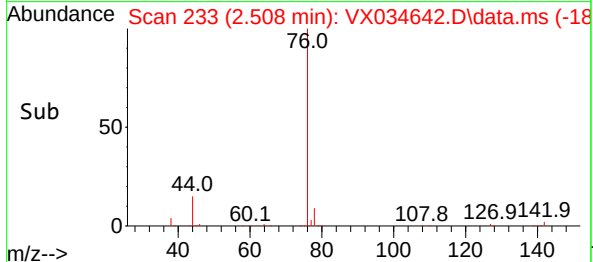
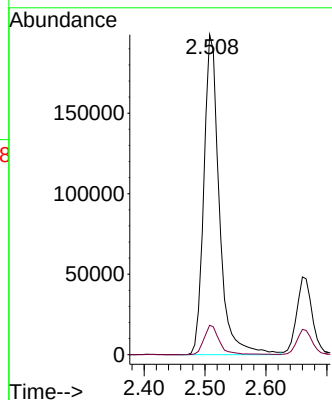
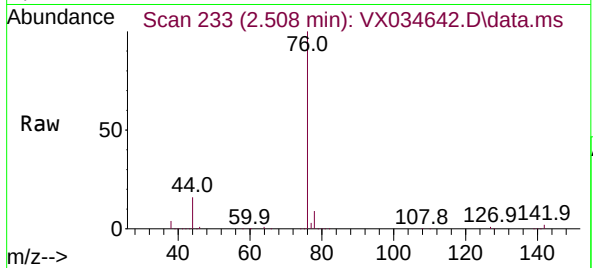
#17
Carbon Disulfide
Concen: 45.283 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 35166
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

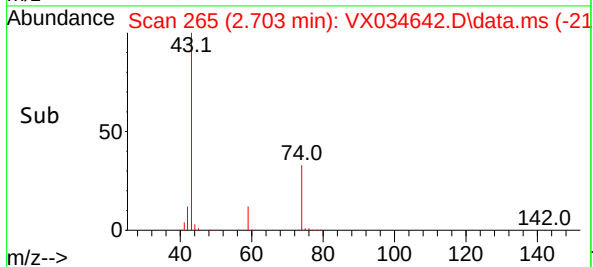
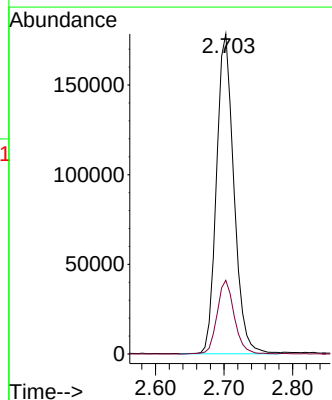
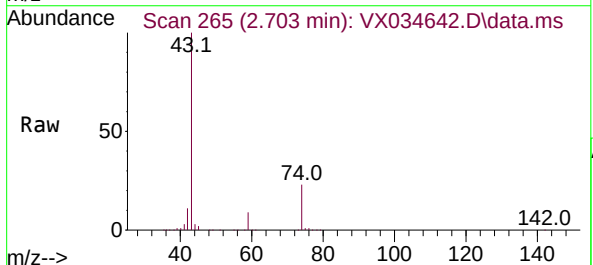
Manual Integrations
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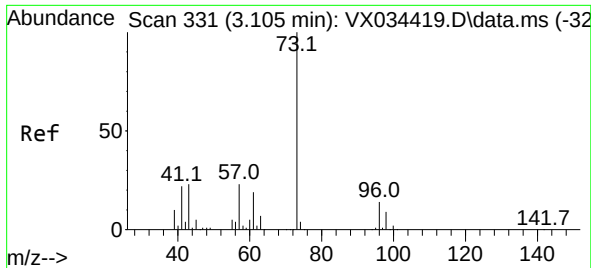
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#18
Methyl Acetate
Concen: 55.506 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 43 Resp: 313293
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





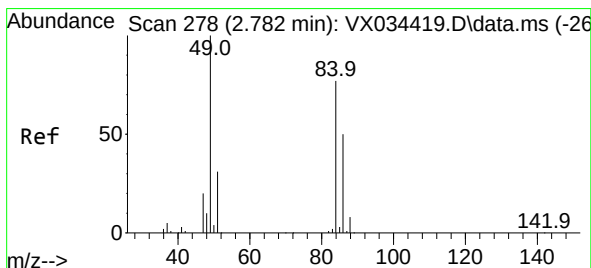
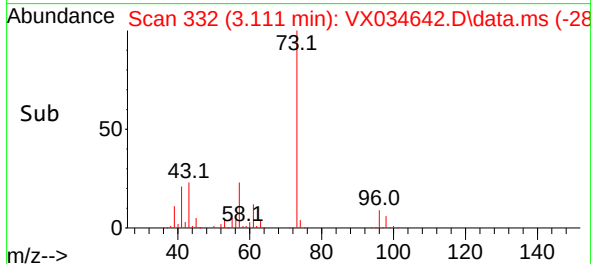
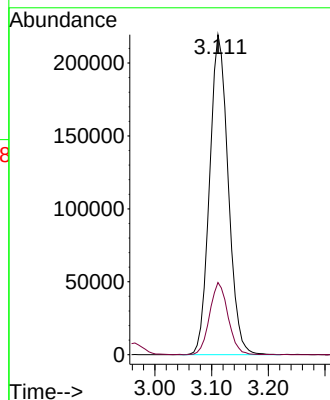
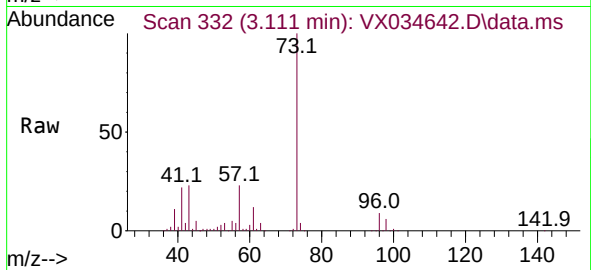
#19
Methyl tert-butyl Ether
Concen: 50.660 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 500540
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

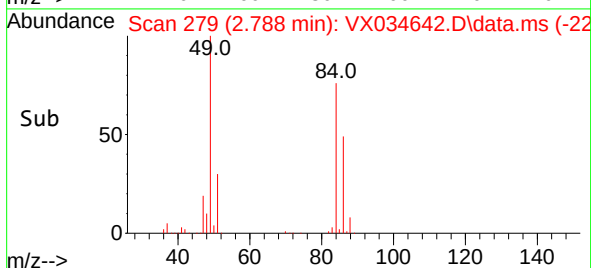
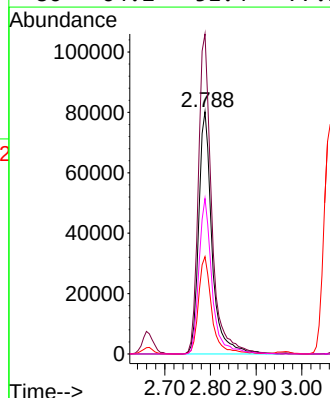
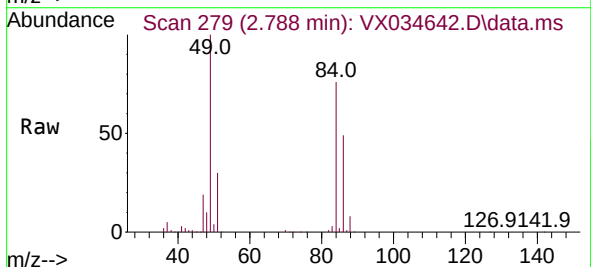
Manual Integrations
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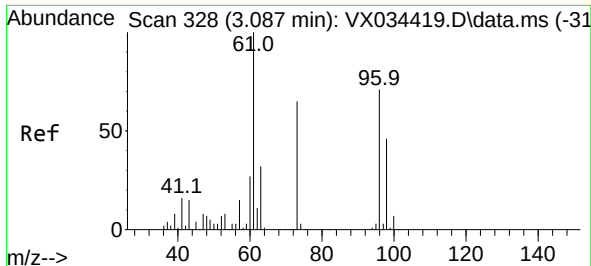
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 48.404 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

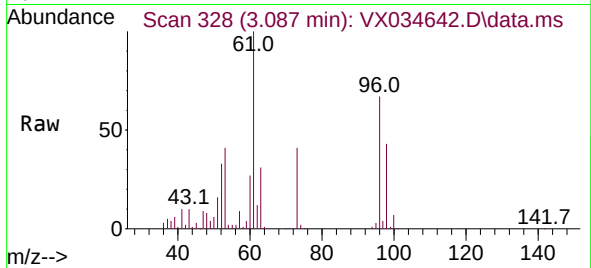
Tgt Ion: 84 Resp: 162277
Ion Ratio Lower Upper
84 100
49 132.1 103.8 155.8
51 40.1 31.8 47.8
86 64.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.862 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

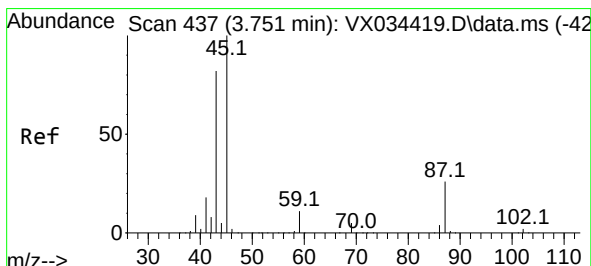
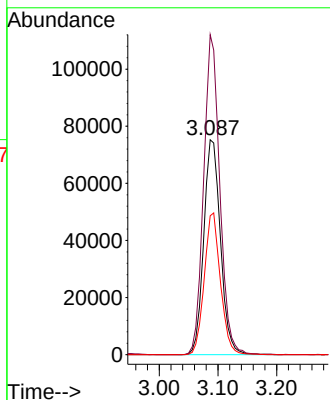
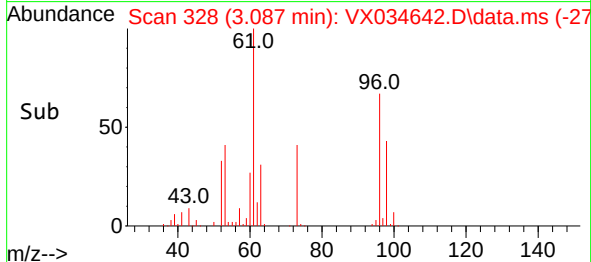
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 149056
Ion Ratio Lower Upper
96 100
61 148.9 113.0 169.6
98 64.6 52.1 78.1

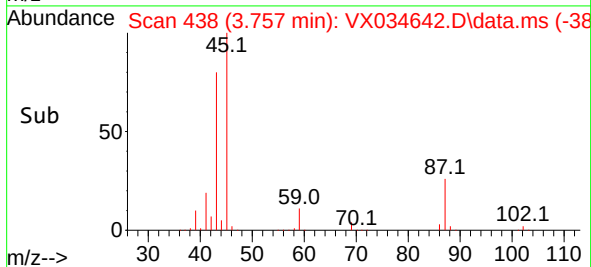
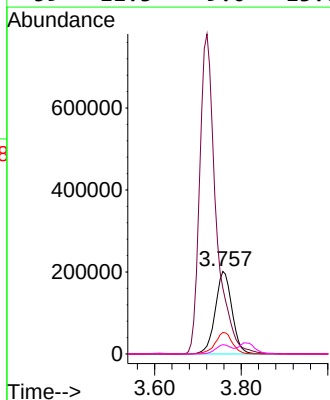
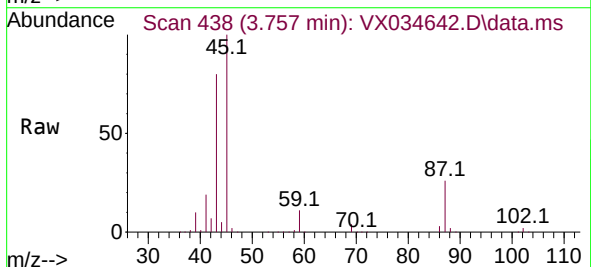
Manual Integrations
APPROVED

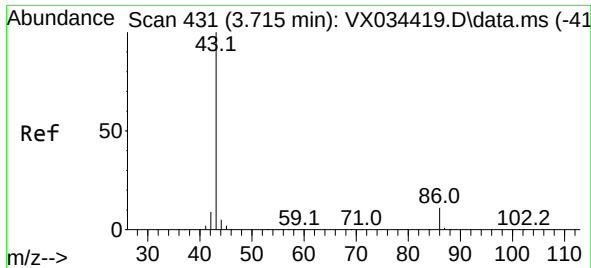
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#22
Diisopropyl ether
Concen: 50.746 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

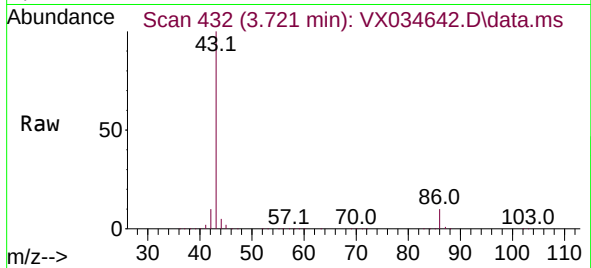
Tgt Ion: 45 Resp: 541286
Ion Ratio Lower Upper
45 100
43 79.9 65.4 98.2
87 25.9 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 252.051 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

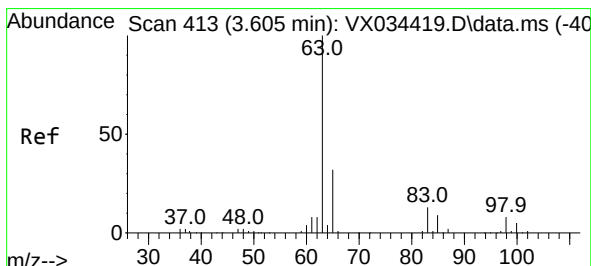
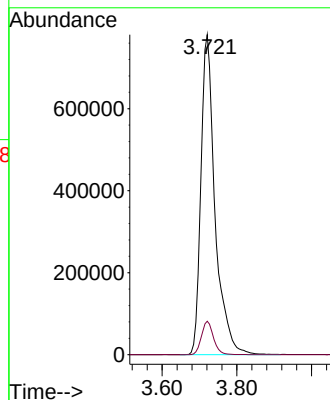
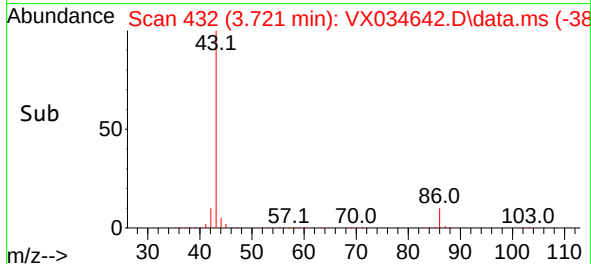
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2046139
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

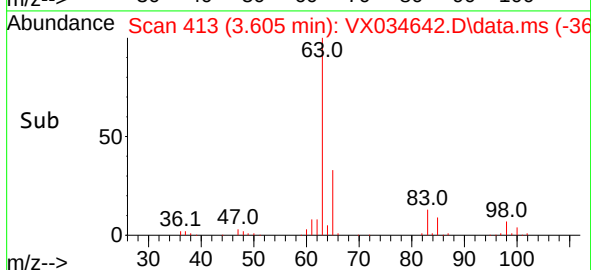
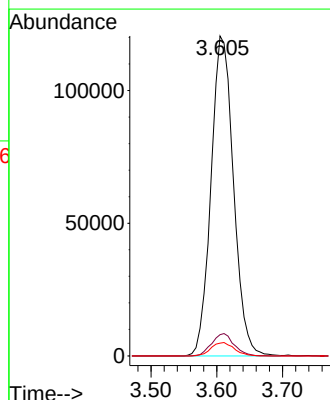
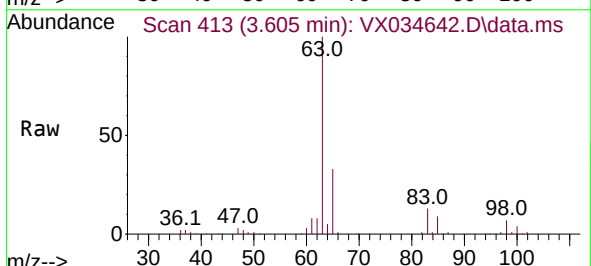
Manual Integrations
 APPROVED

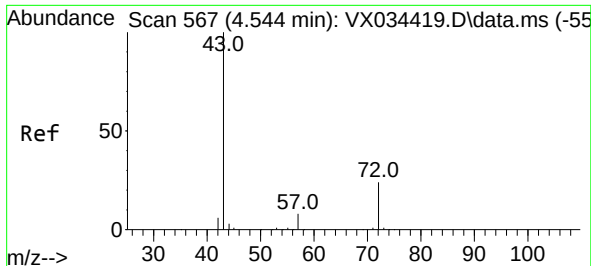
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#24
 1,1-Dichloroethane
 Concen: 50.073 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

Tgt Ion: 63 Resp: 287110
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.0 2.4 7.1





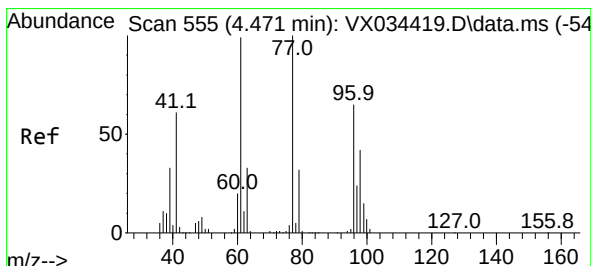
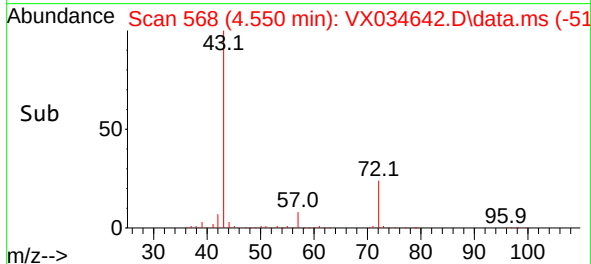
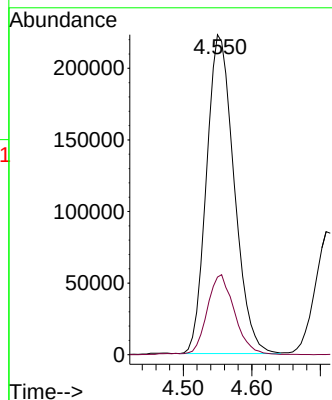
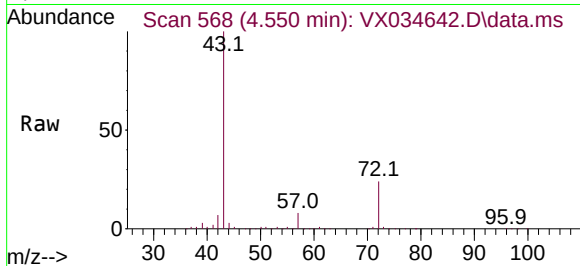
#25
2-Butanone
Concen: 252.111 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 623138
Ion Ratio Lower Upper
43 100
72 24.2 19.3 28.9

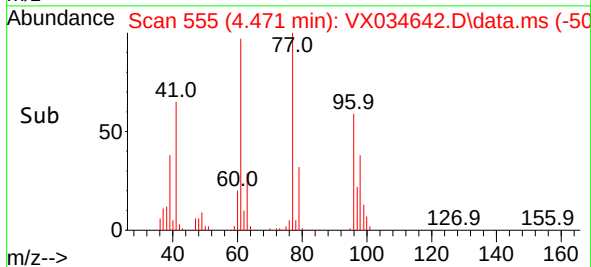
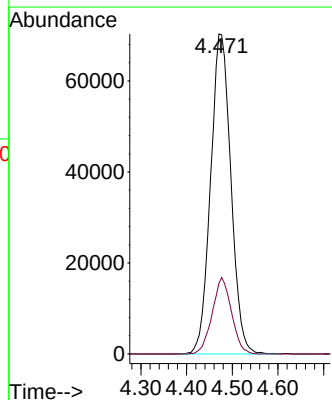
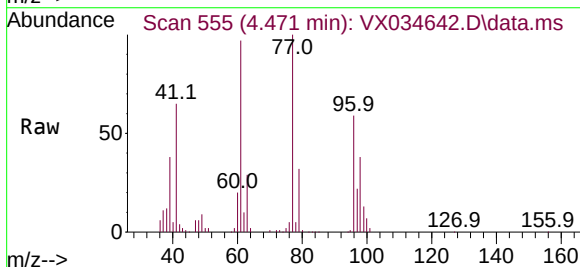
Manual Integrations
APPROVED

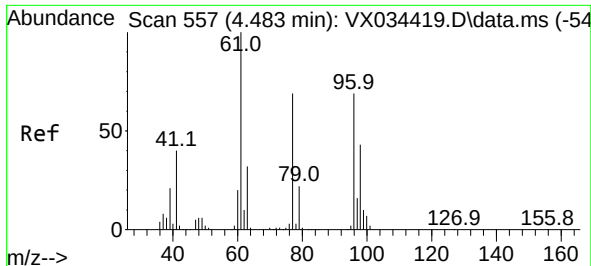
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#26
2,2-Dichloropropane
Concen: 43.572 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 77 Resp: 217166
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.331 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 177562

Ion Ratio Lower Upper

96 100

61 149.3 0.0 300.4

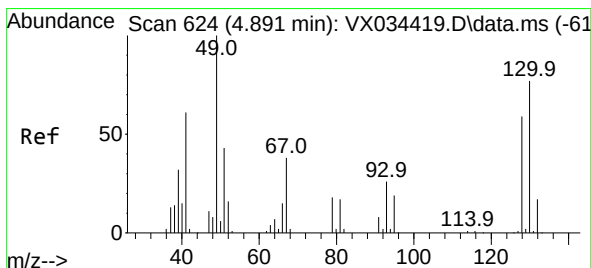
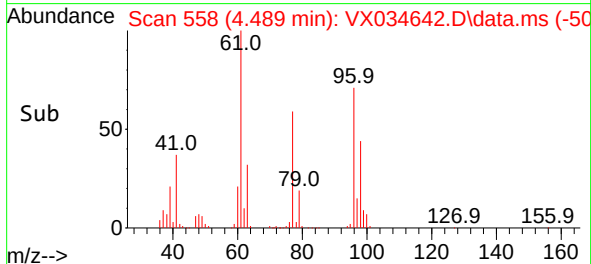
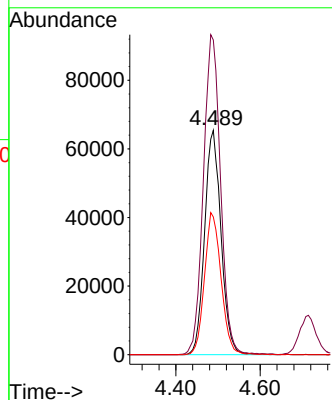
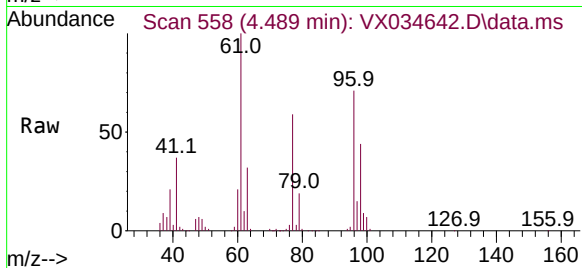
98 63.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#28

Bromochloromethane

Concen: 50.343 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

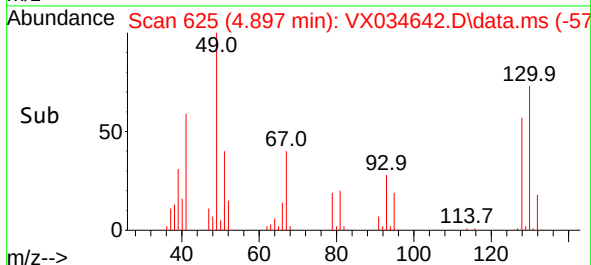
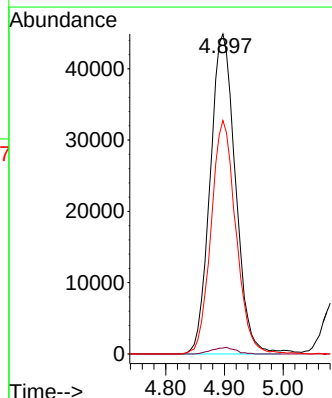
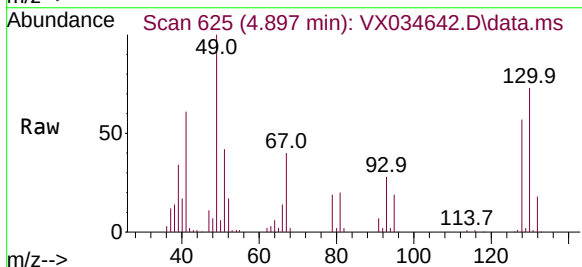
Tgt Ion: 49 Resp: 134218

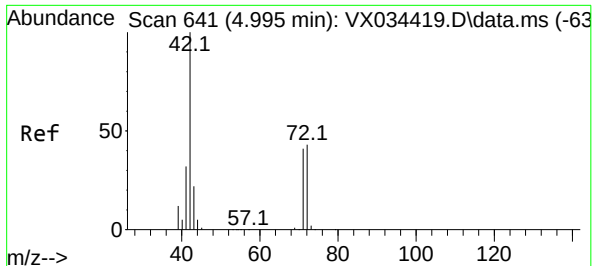
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 71.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 266.352 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 40623

Ion Ratio Lower Upper

42 100

72 42.9 34.5 51.7

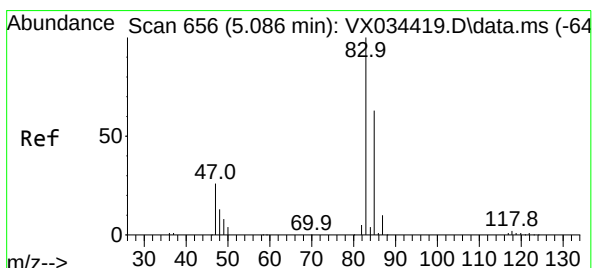
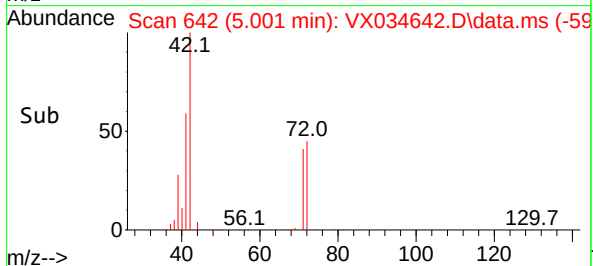
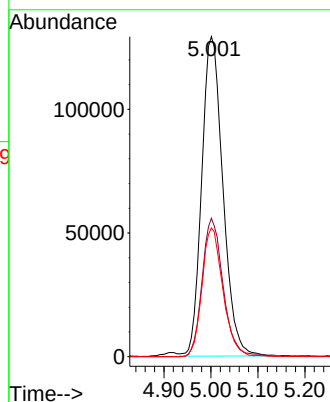
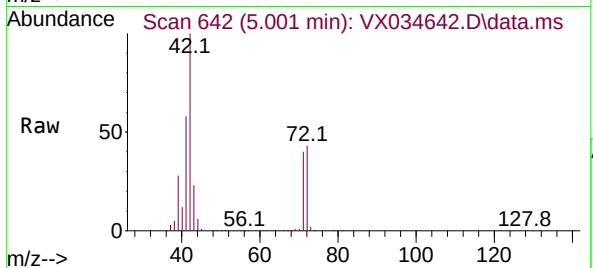
71 39.6 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 52.233 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034642.D

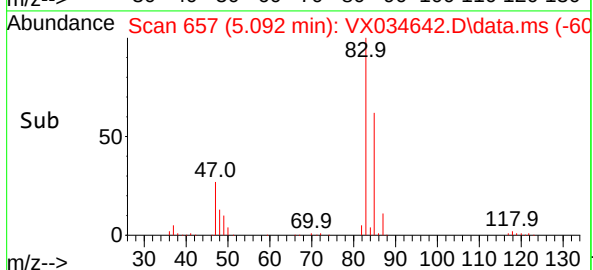
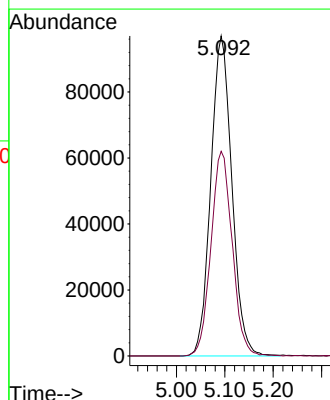
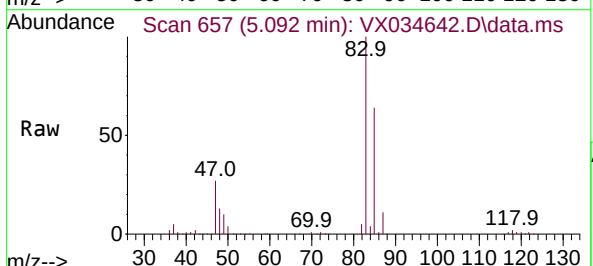
Acq: 20 Mar 2023 21:14

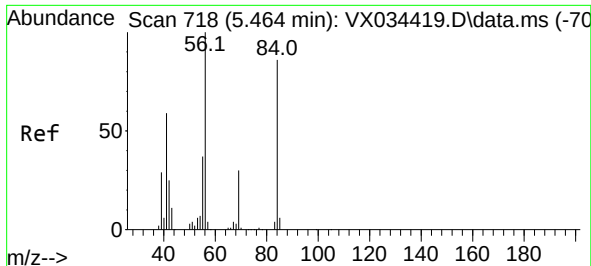
Tgt Ion: 83 Resp: 293575

Ion Ratio Lower Upper

83 100

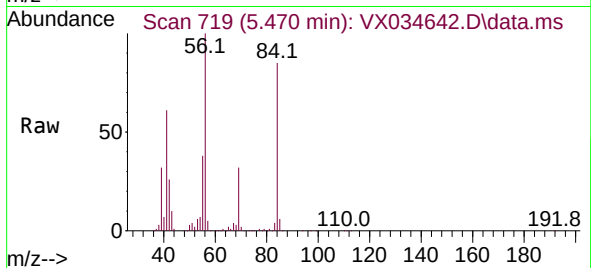
85 64.0 50.6 76.0





#31
Cyclohexane
Concen: 50.238 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

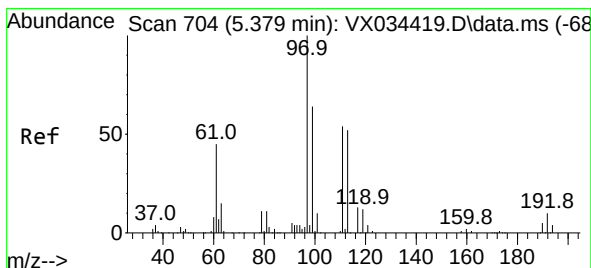
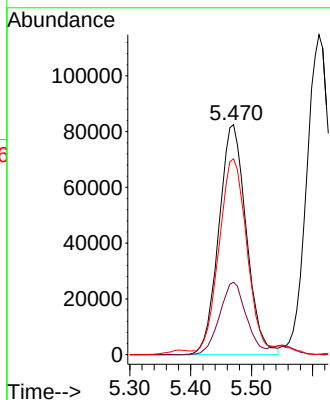
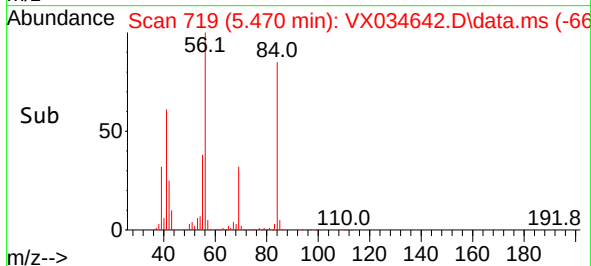
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 25837
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 83.2 68.5 102.7

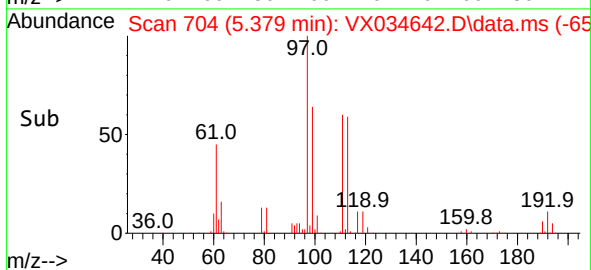
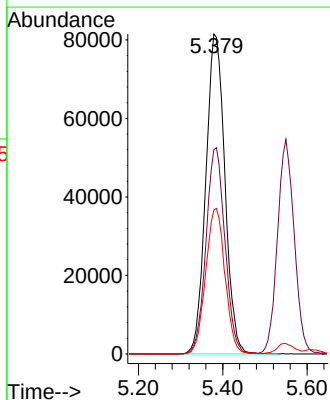
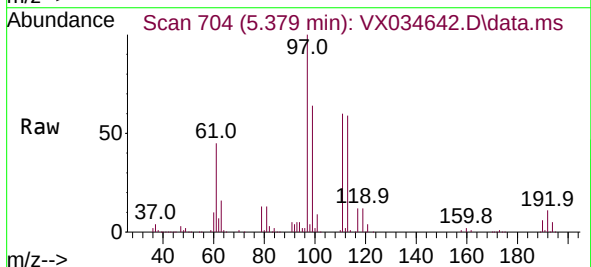
Manual Integrations
APPROVED

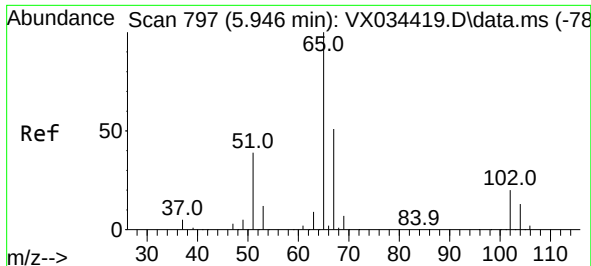
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#32
1,1,1-Trichloroethane
Concen: 51.383 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 97 Resp: 255664
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.3 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 52.830 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

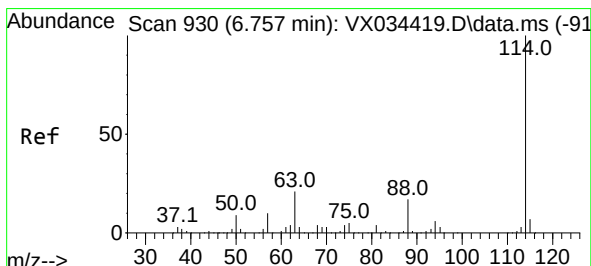
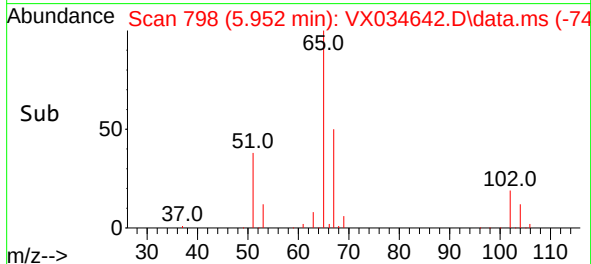
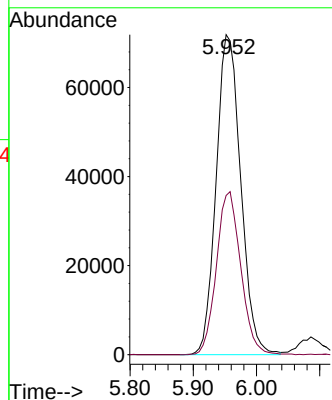
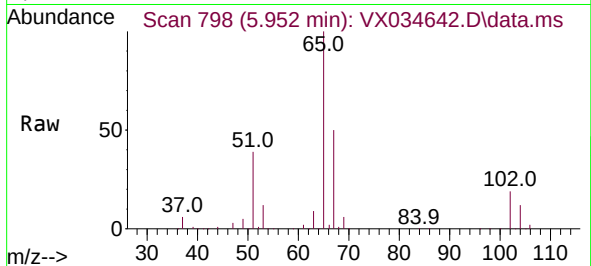
VSTDCCC050EC

Tgt Ion: 65 Resp: 193730
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0

Manual Integrations

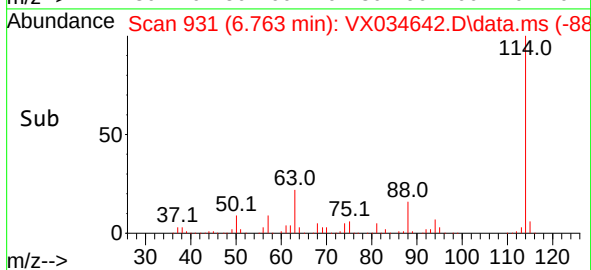
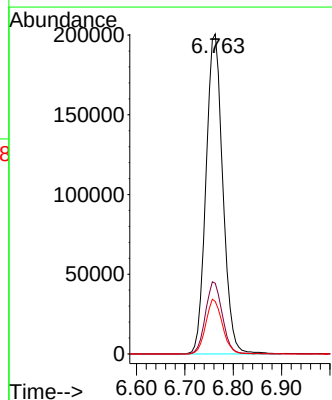
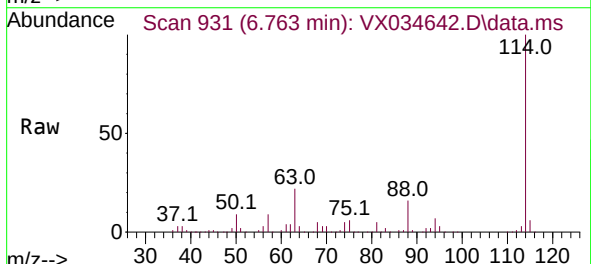
APPROVED

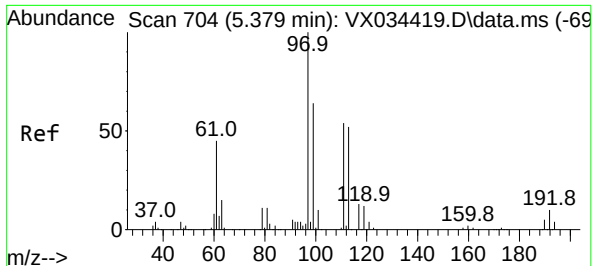
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

Tgt Ion:114 Resp: 484966
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.073 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 147529

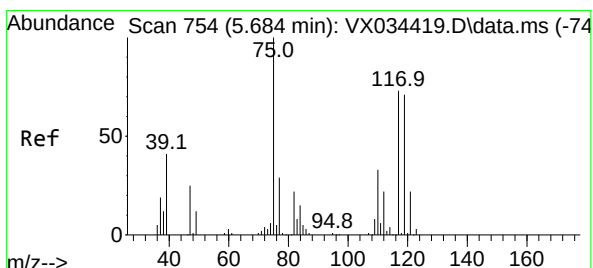
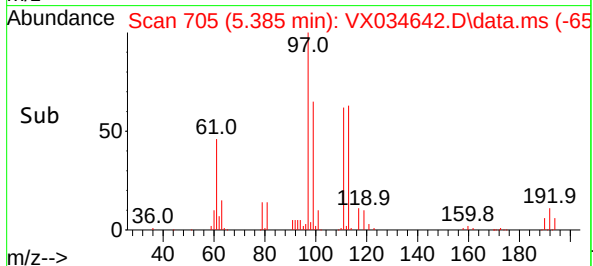
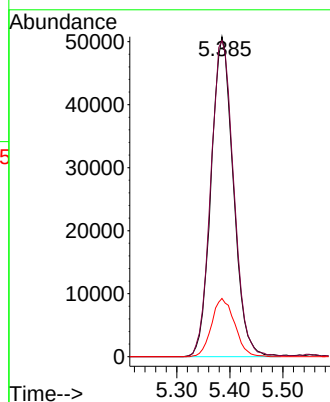
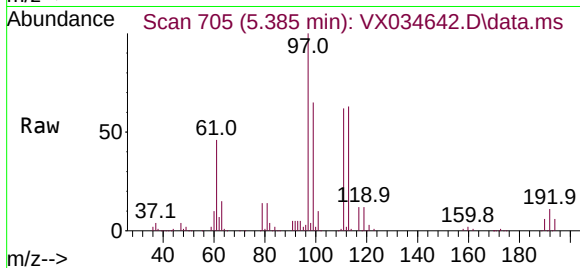
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.7	125.5
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 44.308 ug/l

RT: 5.690 min Scan# 755

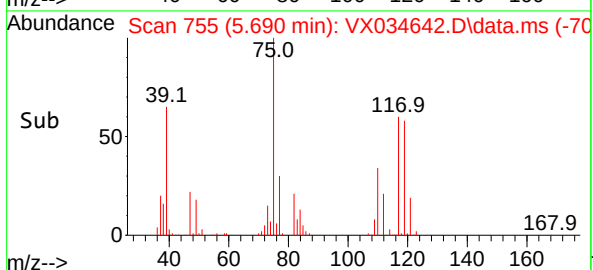
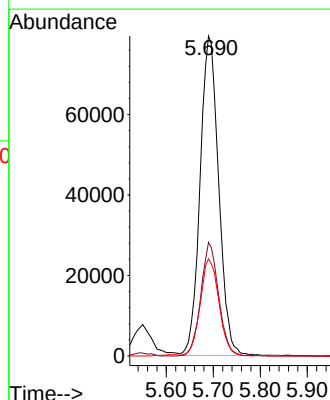
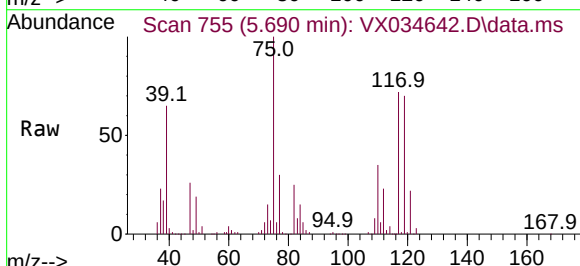
Delta R.T. 0.006 min

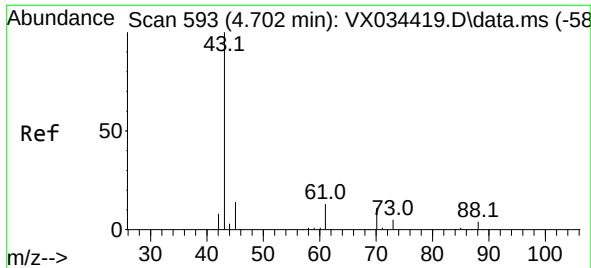
Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Tgt Ion: 75 Resp: 217910

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.5	52.5
77	30.7	24.3	36.5





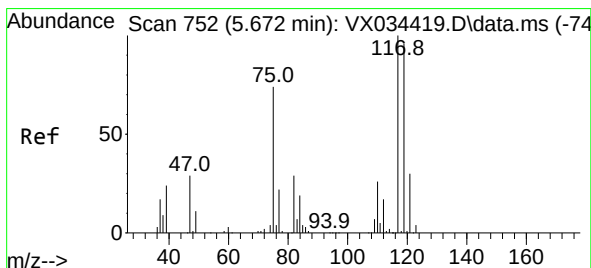
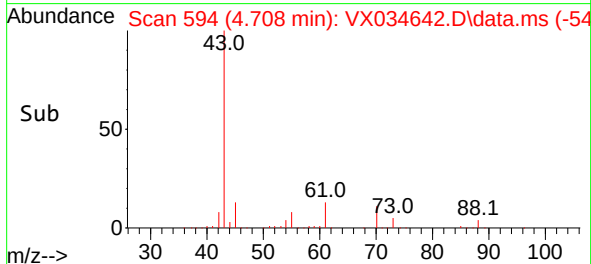
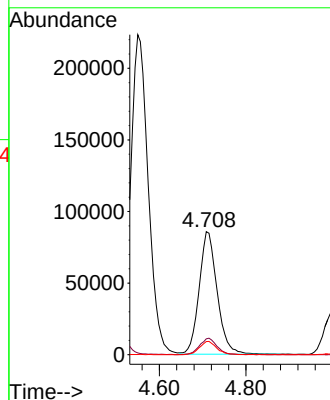
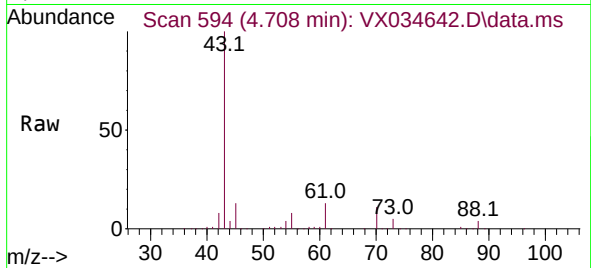
#37
Ethyl Acetate
Concen: 45.933 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 24678
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 10.3 8.2 12.4

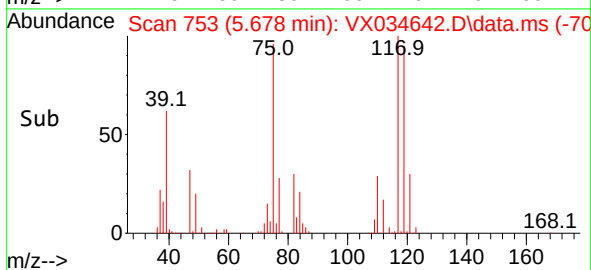
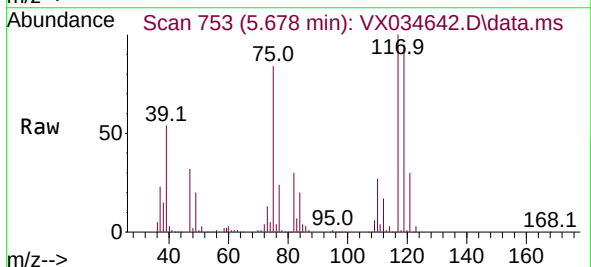
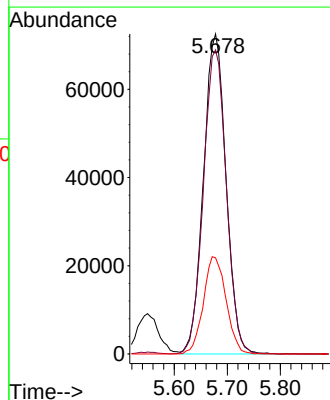
Manual Integrations
APPROVED

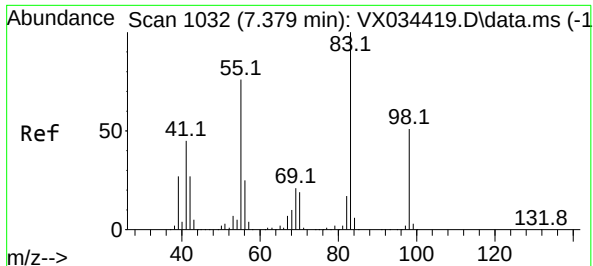
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#38
Carbon Tetrachloride
Concen: 43.883 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:117 Resp: 214698
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
121 30.1 23.8 35.6





#39

Methylcyclohexane

Concen: 45.789 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26949

Ion Ratio Lower Upper

83 100

55 85.4 60.5 90.7

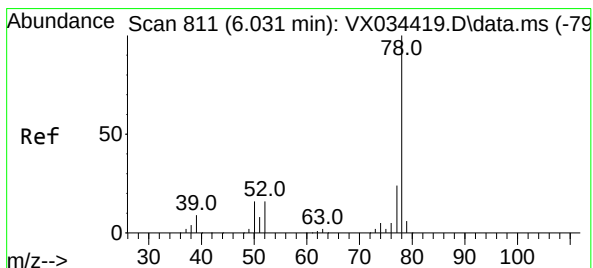
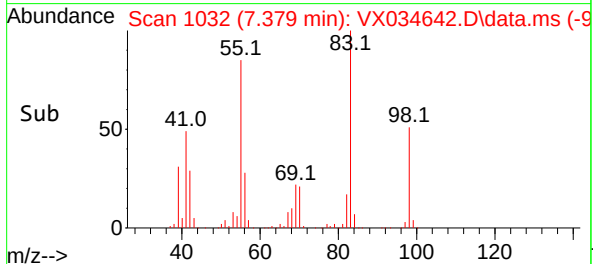
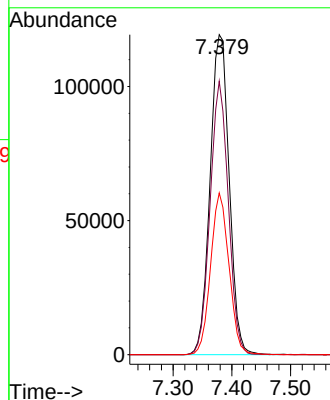
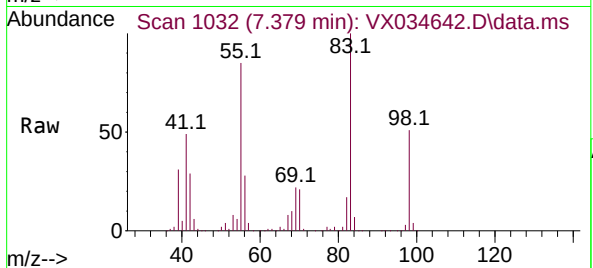
98 50.6 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#40

Benzene

Concen: 43.996 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034642.D

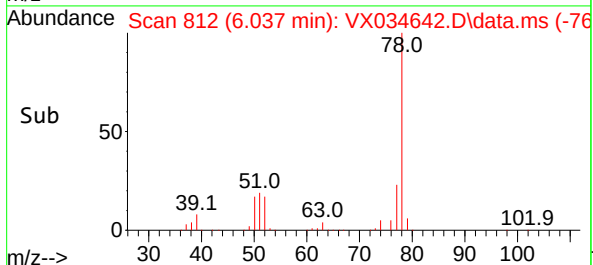
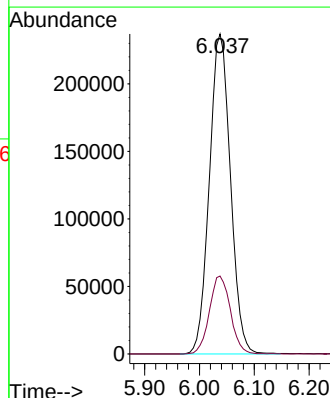
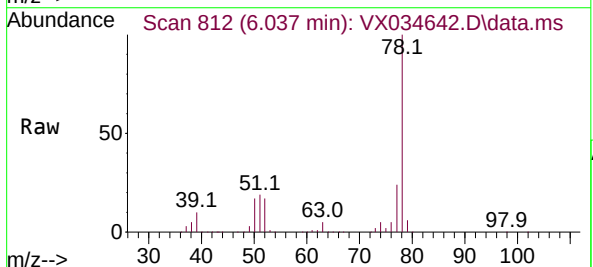
Acq: 20 Mar 2023 21:14

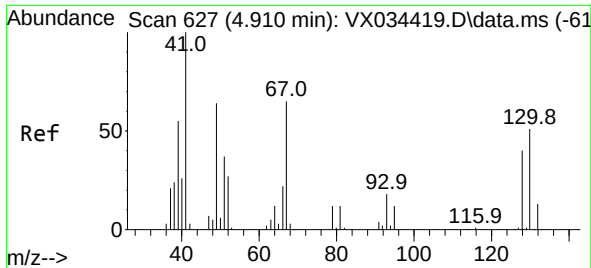
Tgt Ion: 78 Resp: 632974

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4





#41
Methacrylonitrile
Concen: 45.870 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

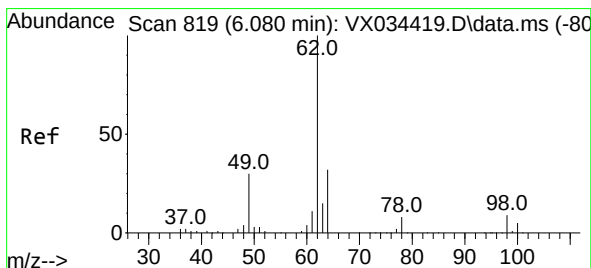
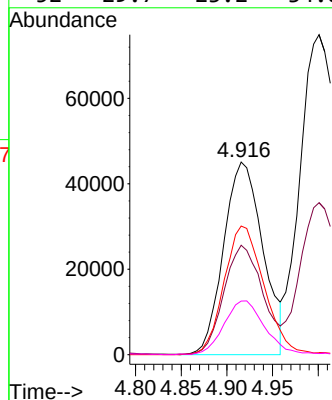
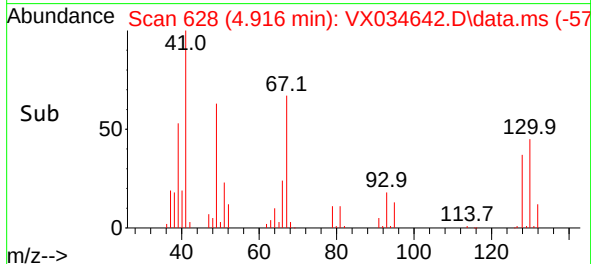
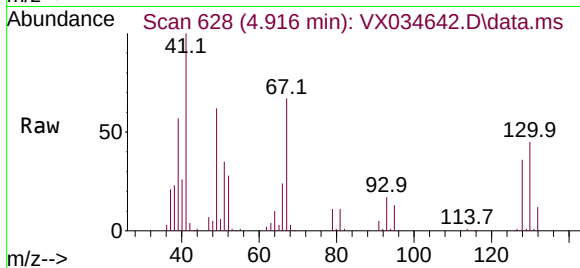
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 13506

Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.6
67	68.3	55.6	83.4
52	29.7	23.2	34.8

Manual Integrations
APPROVED

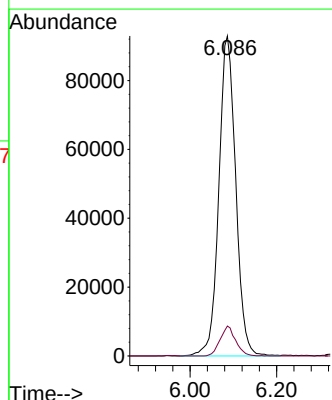
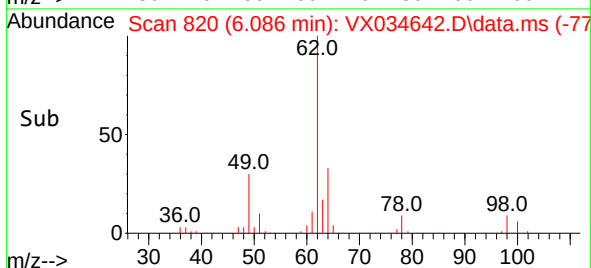
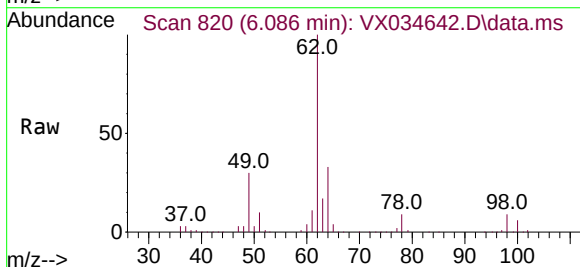
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

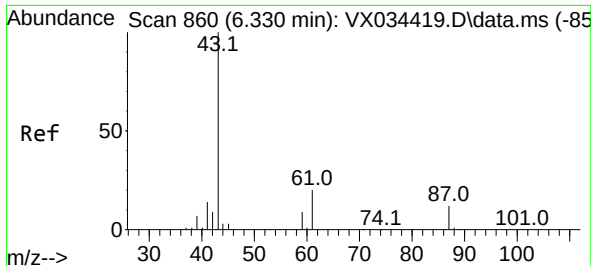


#42
1,2-Dichloroethane
Concen: 47.602 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 62 Resp: 251699

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 45.310 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

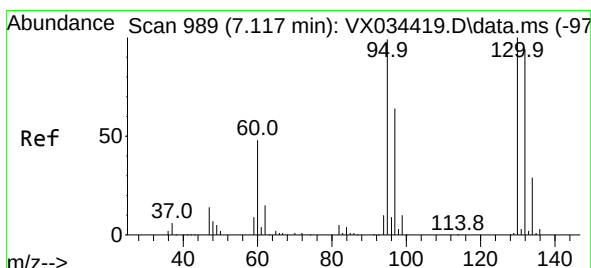
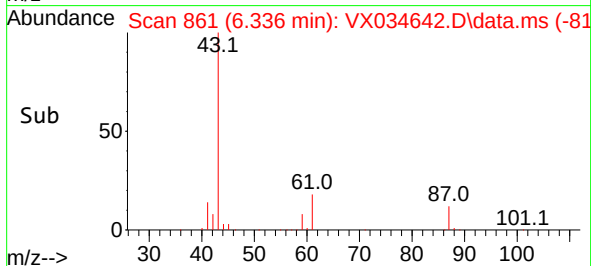
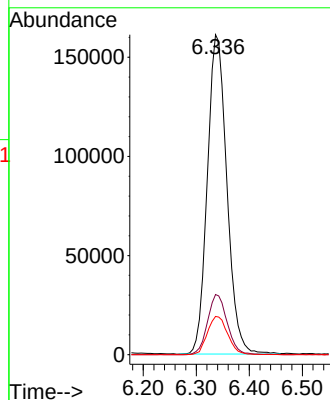
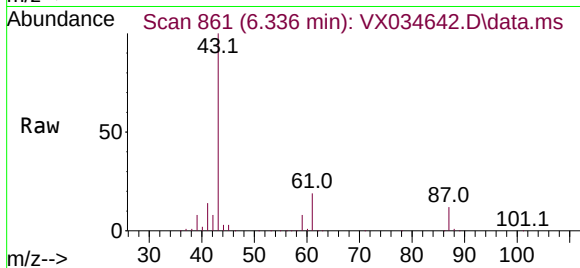
Tgt Ion: 43	Resp: 412409
Ion Ratio	Lower Upper
43 100	
61 19.0	15.2 22.8
87 12.5	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 47.580 ug/l

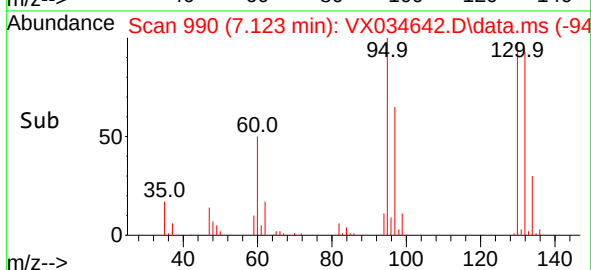
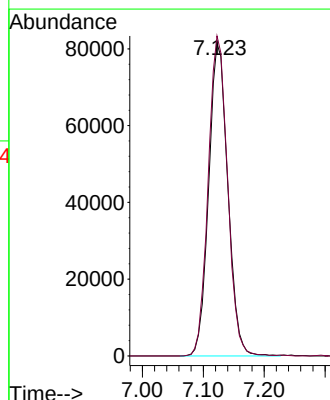
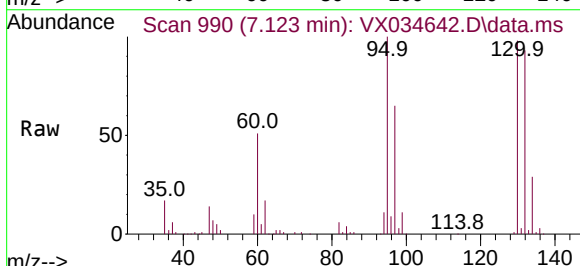
RT: 7.123 min Scan# 990

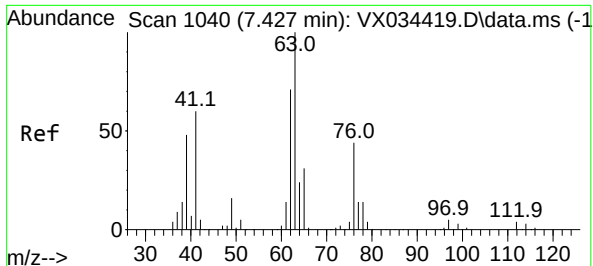
Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Tgt Ion:130	Resp: 177861
Ion Ratio	Lower Upper
130 100	
95 102.4	0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.826 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 183419

Ion Ratio Lower Upper

63 100

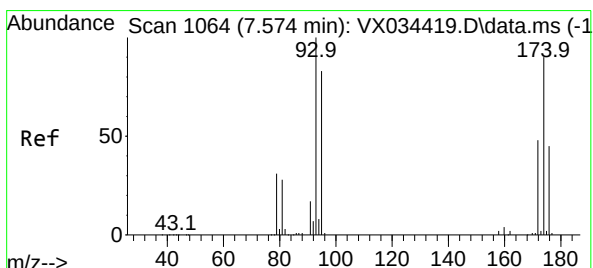
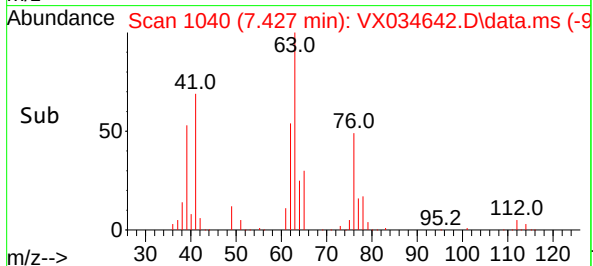
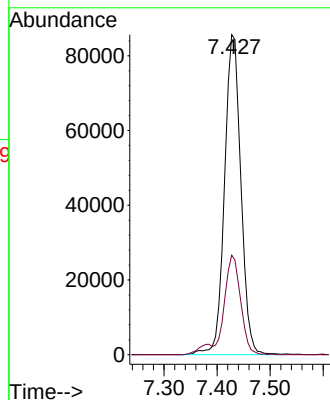
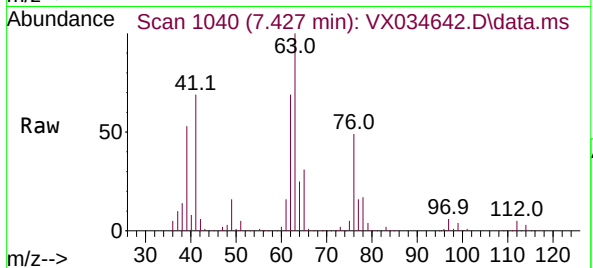
65 31.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 50.109 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

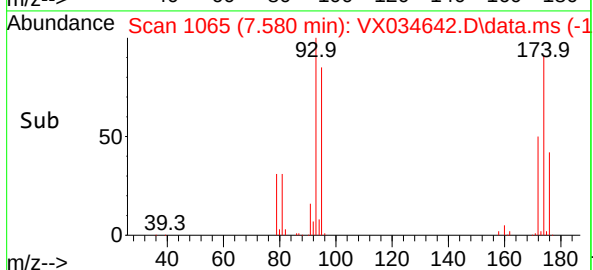
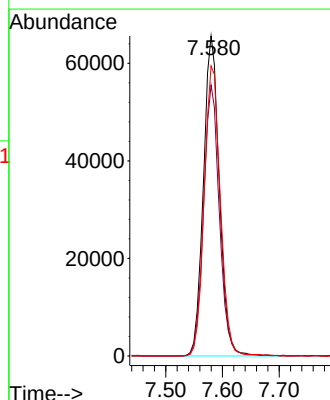
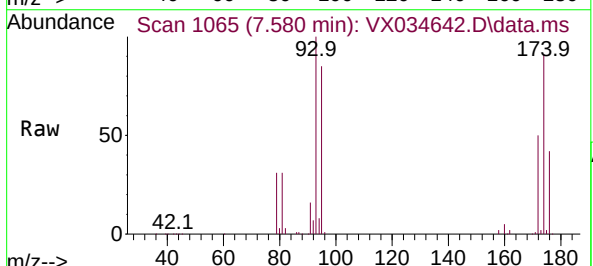
Tgt Ion: 93 Resp: 127974

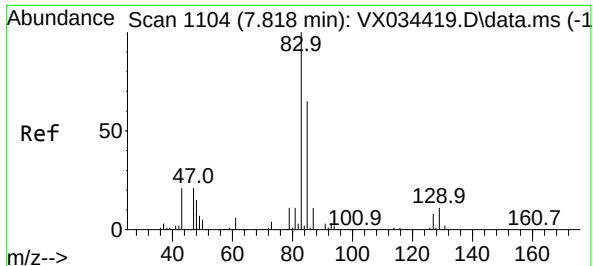
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 91.6 75.4 113.0





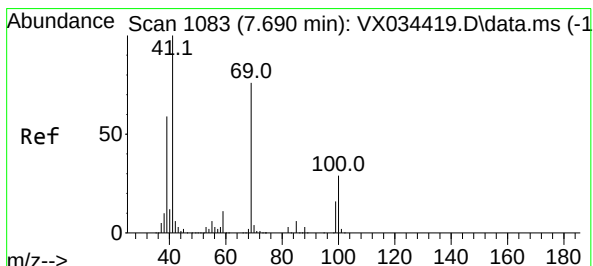
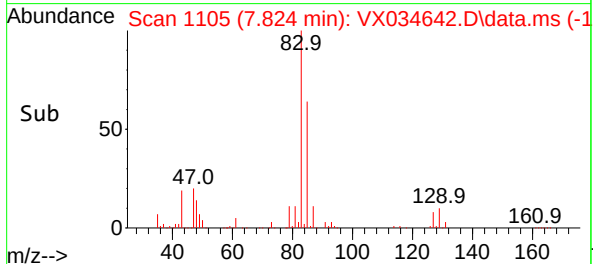
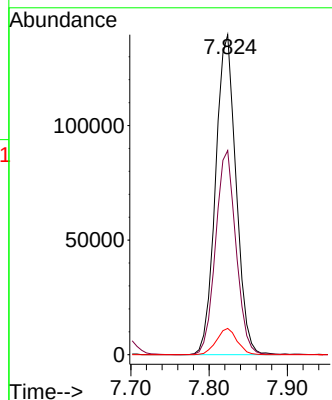
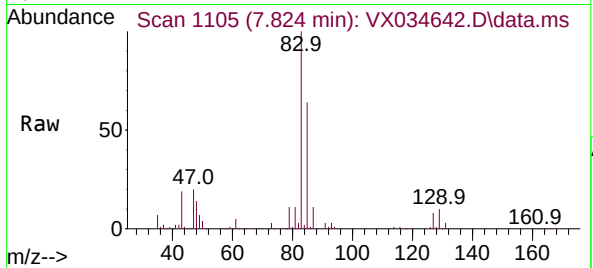
#47
Bromodichloromethane
Concen: 51.256 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 253348
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.2 6.6 9.8

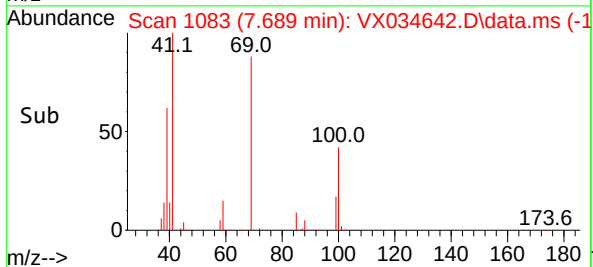
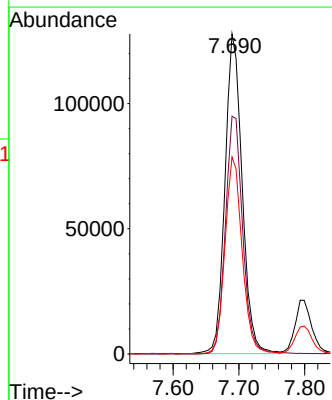
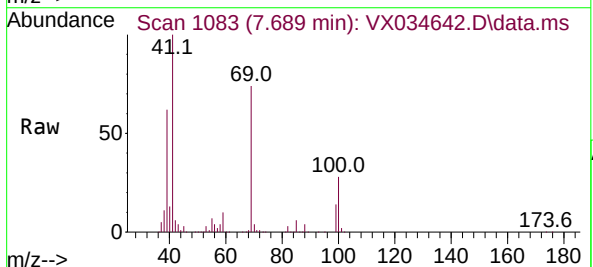
Manual Integrations
APPROVED

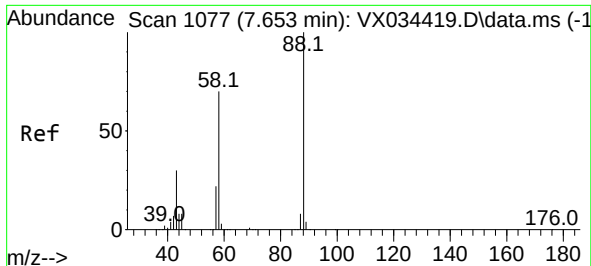
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#48
Methyl methacrylate
Concen: 52.928 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 41 Resp: 231692
Ion Ratio Lower Upper
41 100
69 75.2 62.2 93.4
39 61.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1121.793 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 10314

Ion Ratio Lower Upper

88 100

43 37.0 27.7 41.5

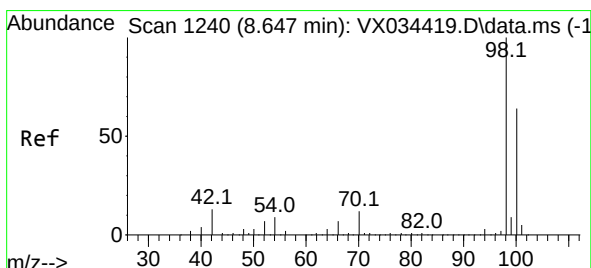
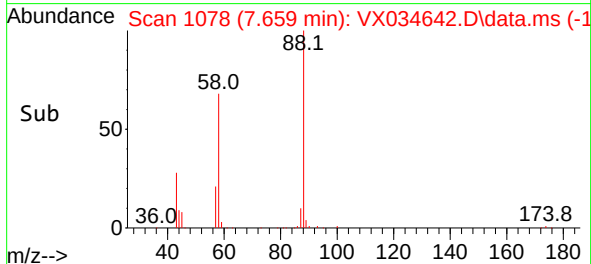
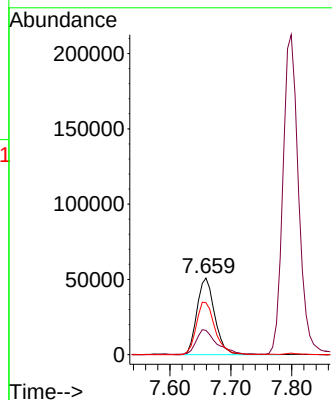
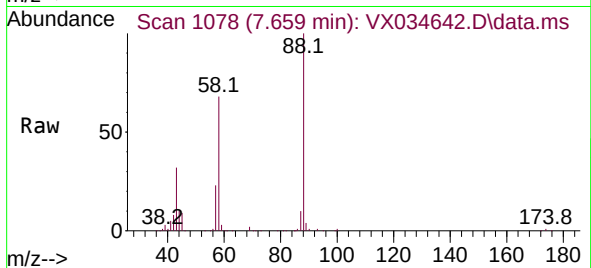
58 72.3 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#50

Toluene-d8

Concen: 45.749 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034642.D

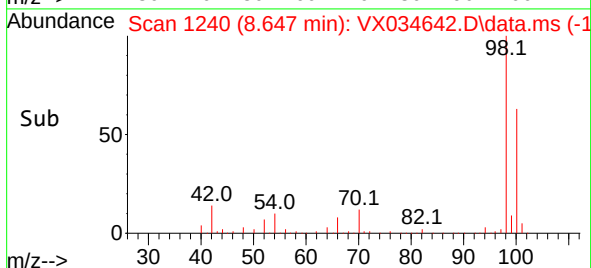
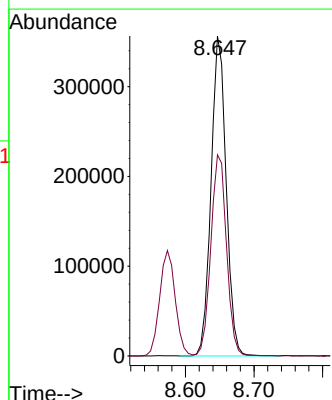
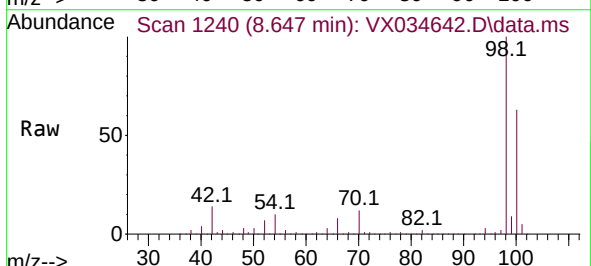
Acq: 20 Mar 2023 21:14

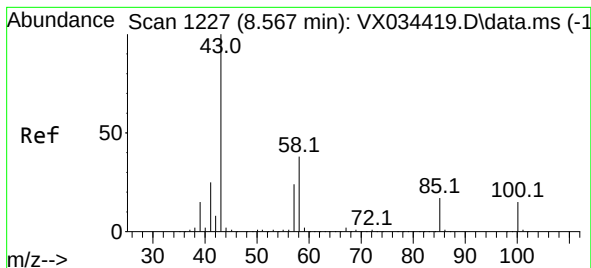
Tgt Ion: 98 Resp: 546849

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 238.044 ug/l
RT: 8.573 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

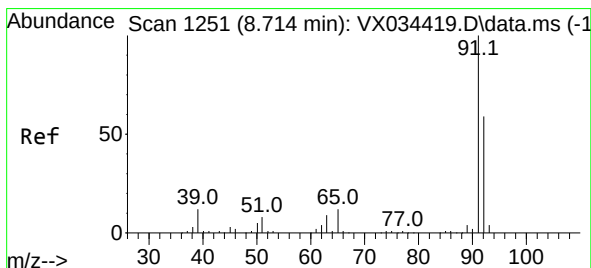
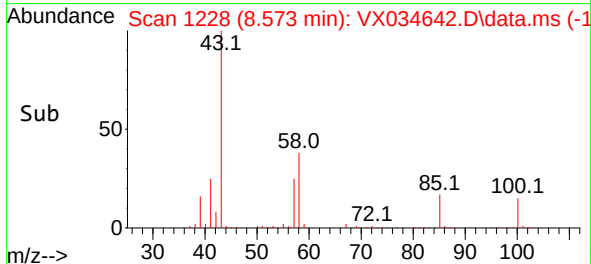
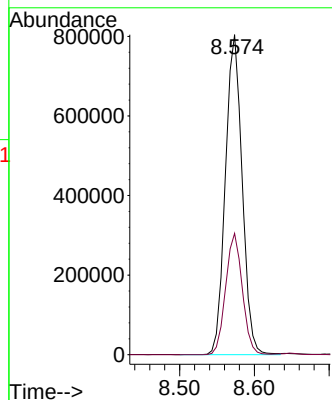
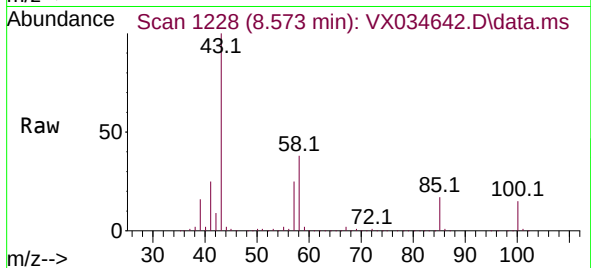
Tgt Ion: 43 Resp: 125689
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

Manual Integrations

APPROVED

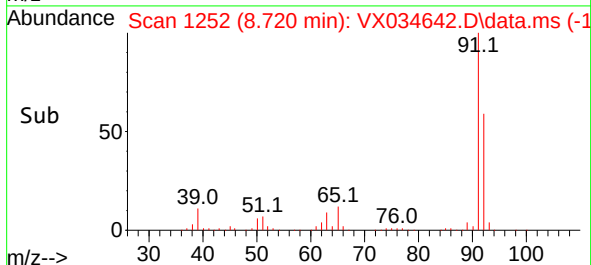
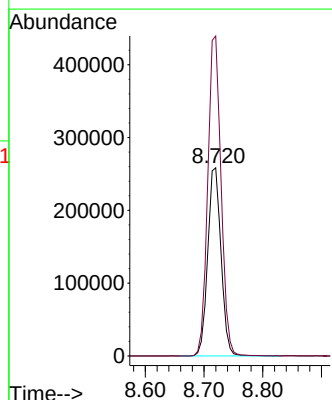
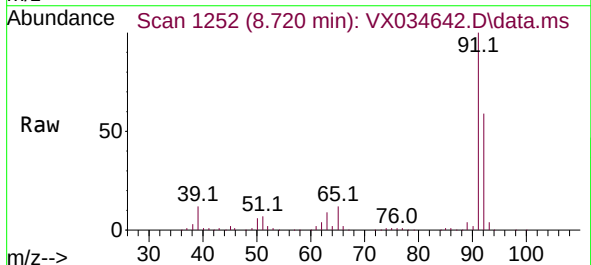
Reviewed By :John Carlone 03/21/2023

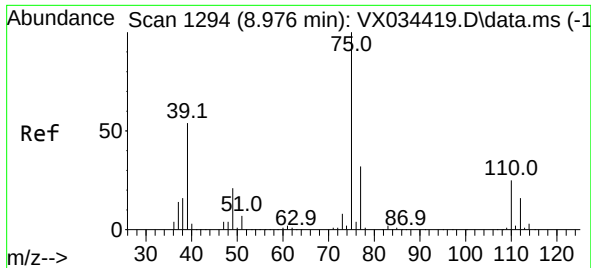
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 45.486 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion: 92 Resp: 405149
Ion Ratio Lower Upper
92 100
91 170.6 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 44.527 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

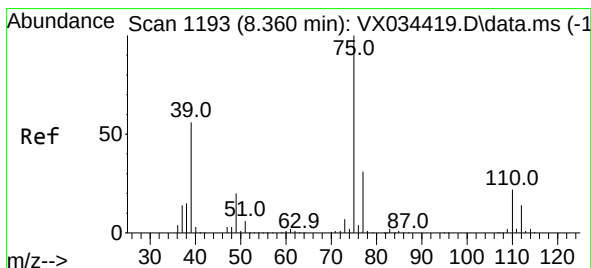
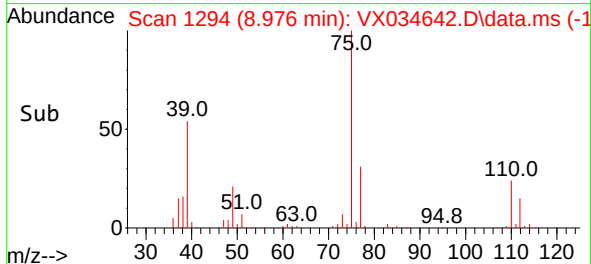
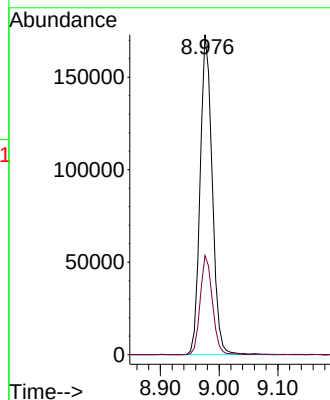
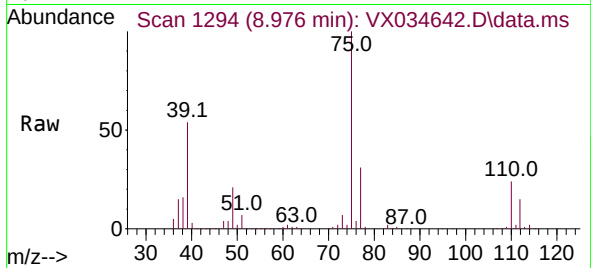
VSTDCCC050EC

Tgt Ion: 75 Resp: 24794
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

Manual Integrations

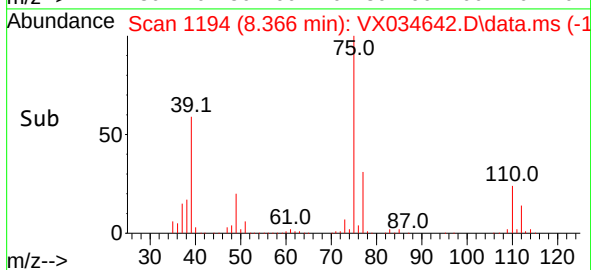
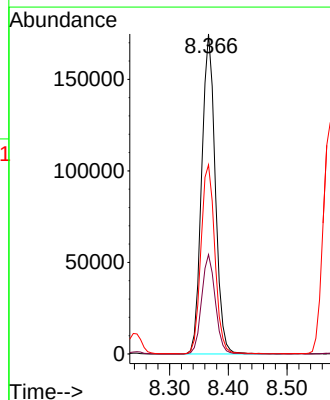
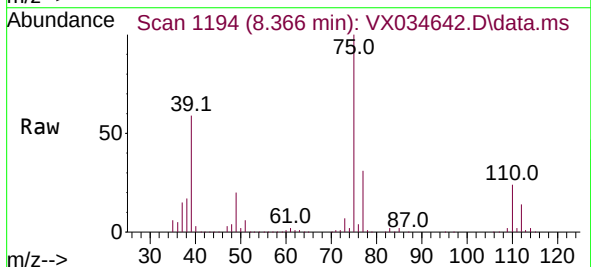
APPROVED

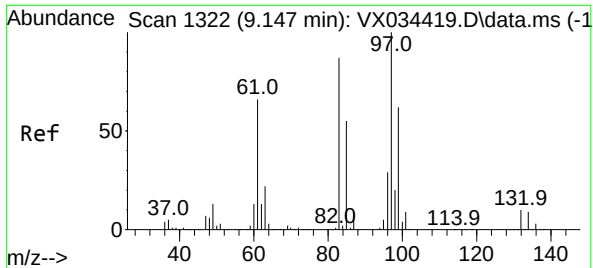
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#54
cis-1,3-Dichloropropene
Concen: 46.575 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

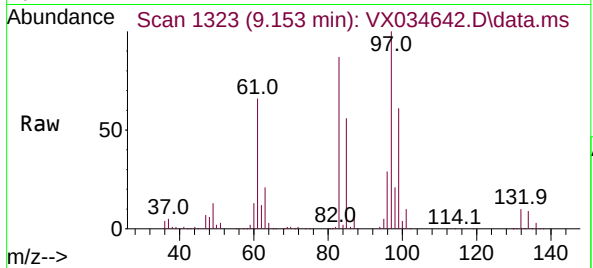
Tgt Ion: 75 Resp: 280592
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 59.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 46.496 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

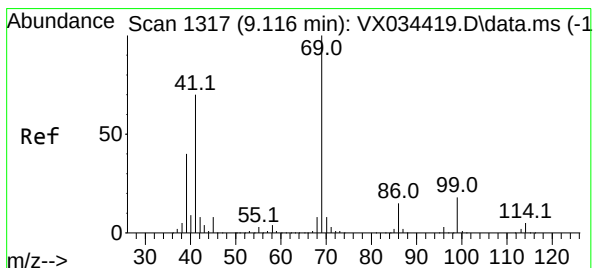
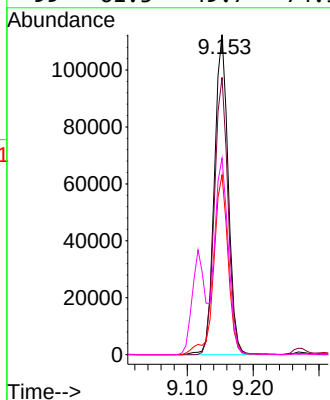
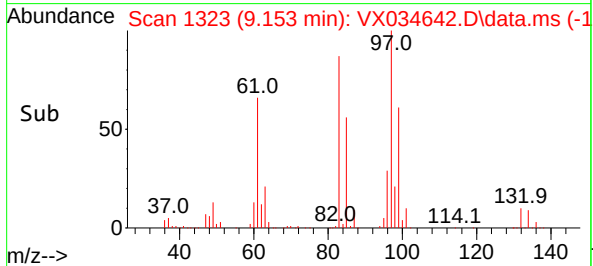
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



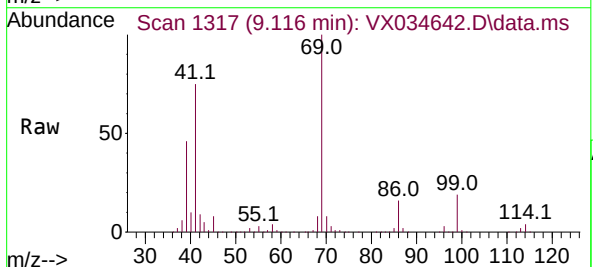
Tgt Ion: 97 Resp: 16436
Ion Ratio Lower Upper
97 100
83 86.7 69.7 104.5
85 56.1 43.7 65.5
99 61.3 49.7 74.5

Manual Integrations
APPROVED

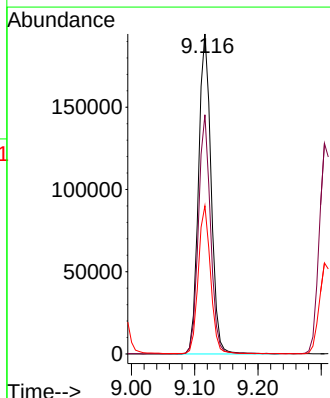
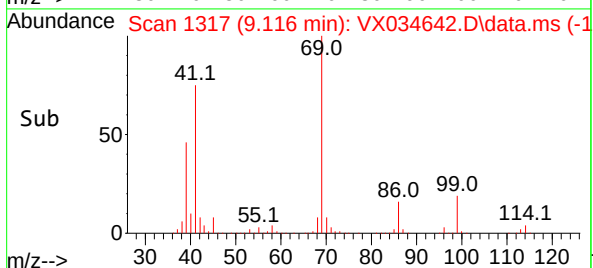
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

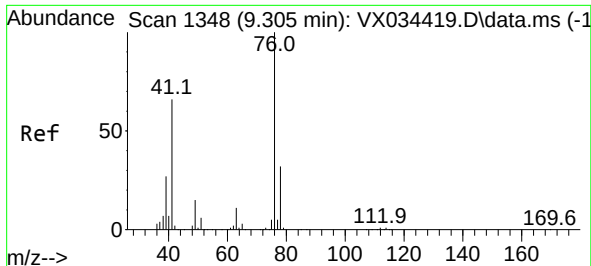


#56
Ethyl methacrylate
Concen: 46.475 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



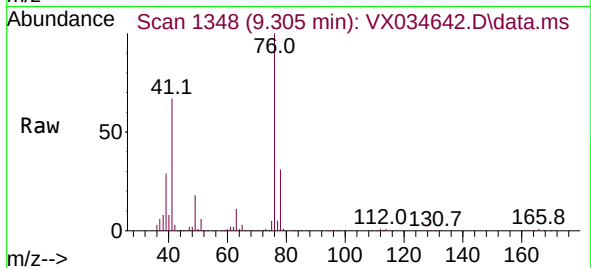
Tgt Ion: 69 Resp: 269737
Ion Ratio Lower Upper
69 100
41 71.9 57.4 86.0
39 45.2 33.7 50.5





#57
1,3-Dichloropropane
Concen: 45.357 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

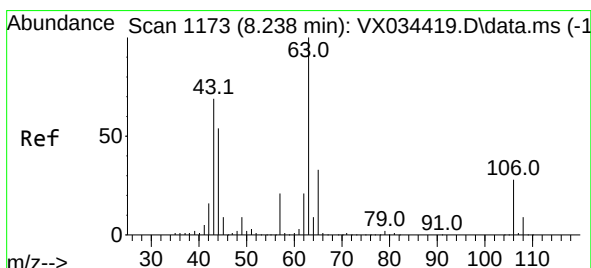
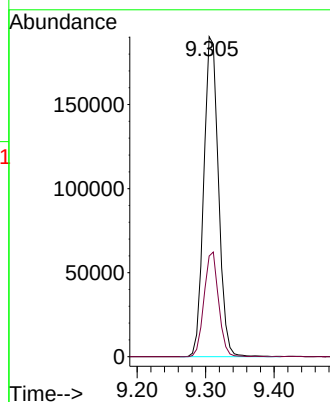
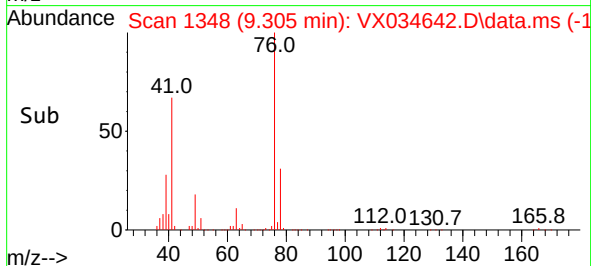
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 28496
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

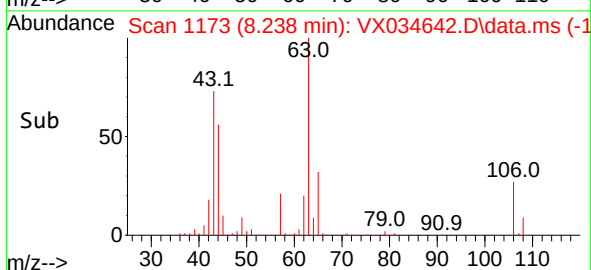
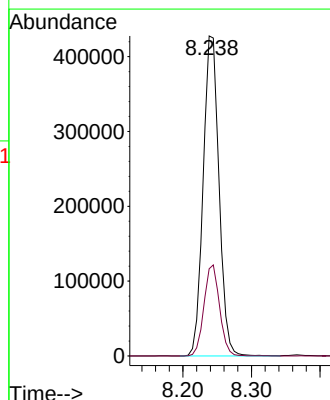
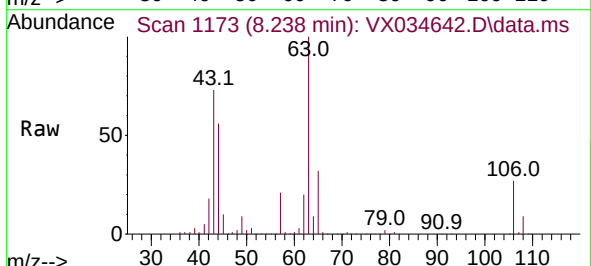
Manual Integrations
APPROVED

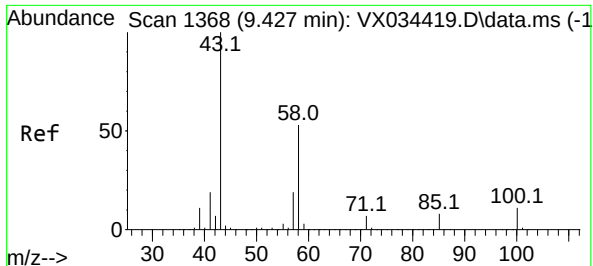
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 230.635 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

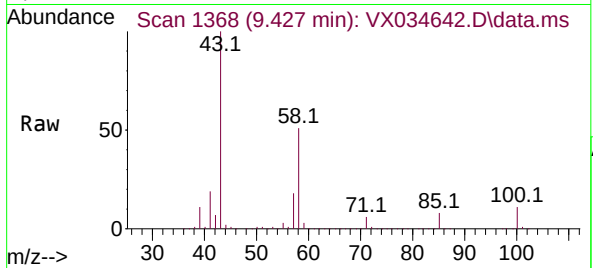
Tgt Ion: 63 Resp: 689856
Ion Ratio Lower Upper
63 100
106 28.0 22.2 33.2





#59
2-Hexanone
Concen: 239.037 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

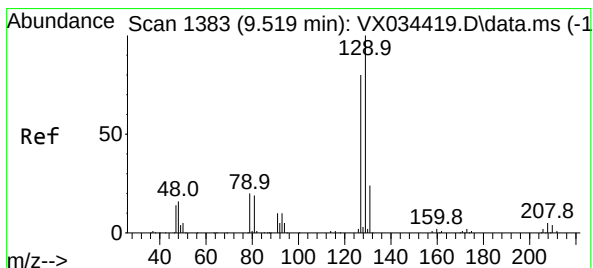
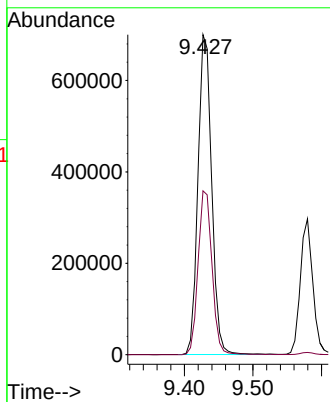
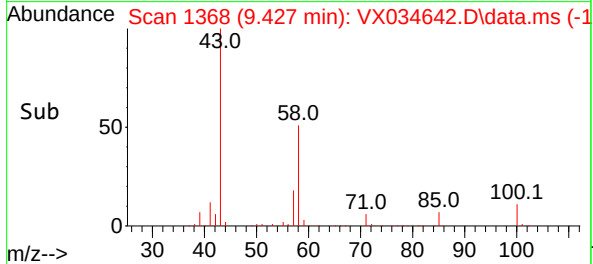
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 975654
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9

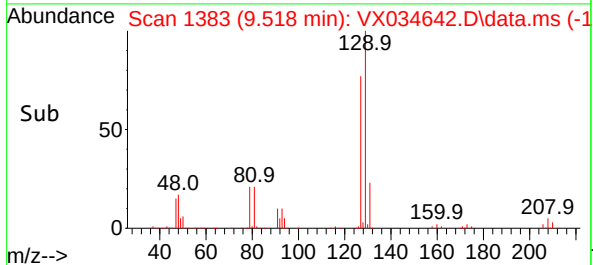
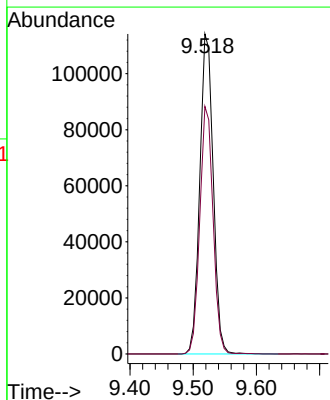
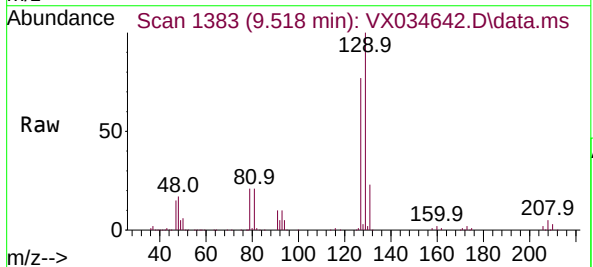
Manual Integrations
APPROVED

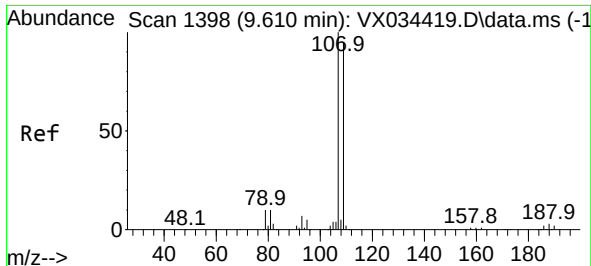
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 45.491 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

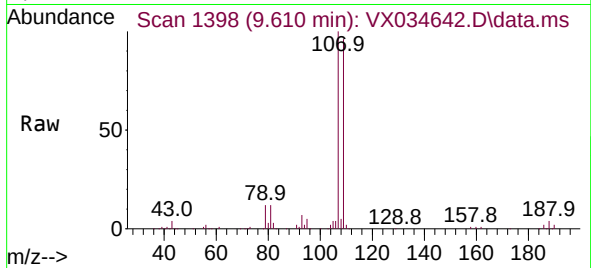
Tgt Ion:129 Resp: 168653
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 45.806 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

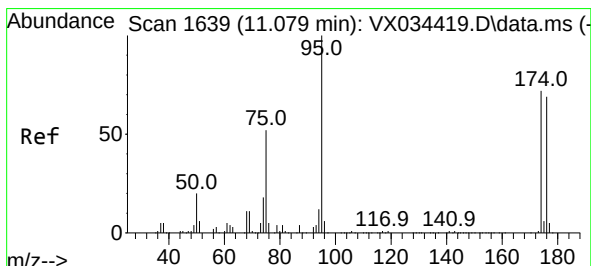
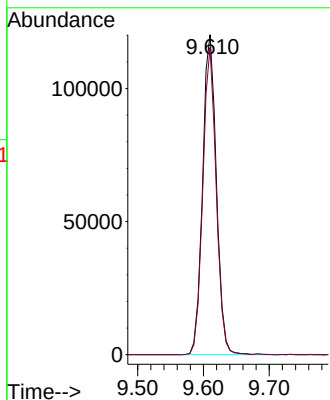
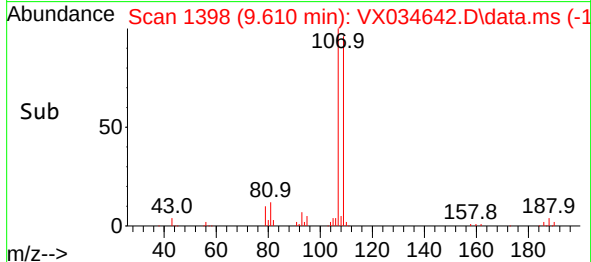
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



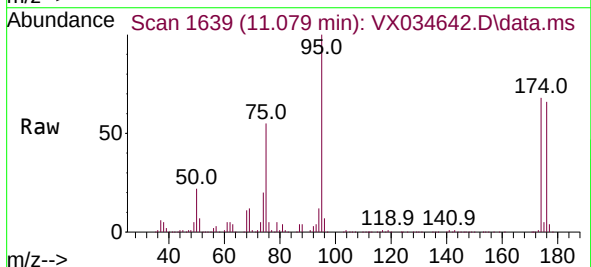
Tgt Ion:107 Resp: 174732
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

Manual Integrations
APPROVED

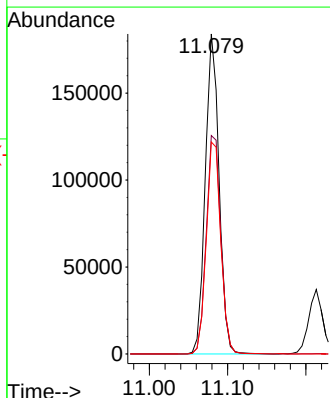
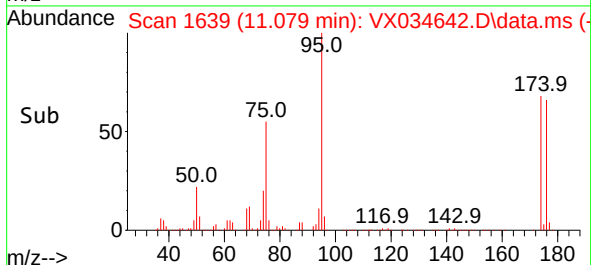
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

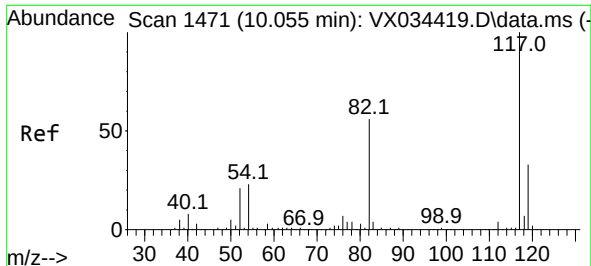


#62
4-Bromofluorobenzene
Concen: 46.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



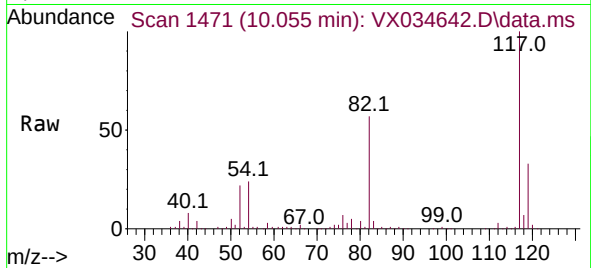
Tgt Ion: 95 Resp: 224197
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 69.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

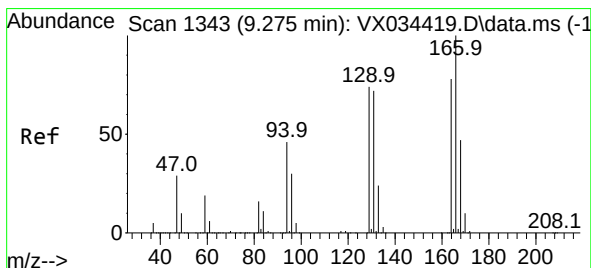
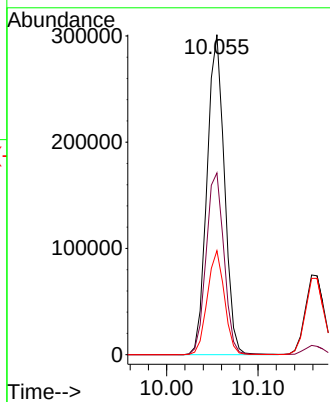
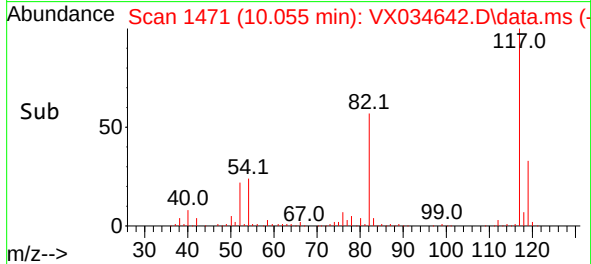
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 396630
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.5 26.0 39.0

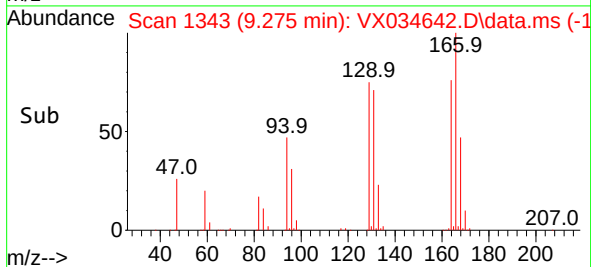
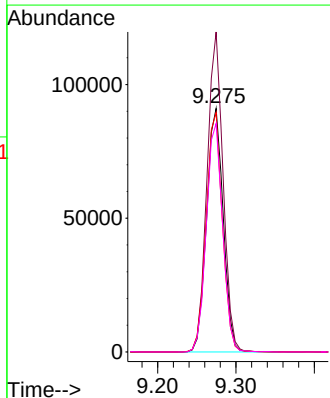
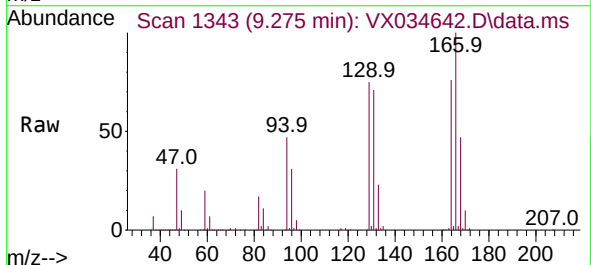
Manual Integrations
APPROVED

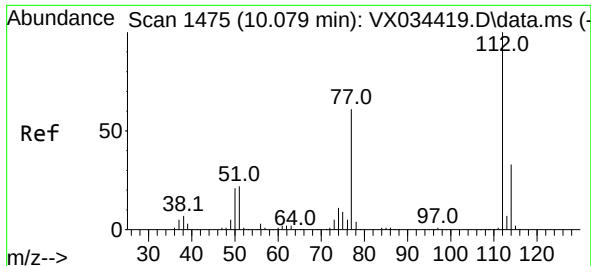
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 50.216 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:164 Resp: 133792
Ion Ratio Lower Upper
164 100
166 131.4 102.7 154.1
129 98.3 75.6 113.4
131 93.8 73.7 110.5





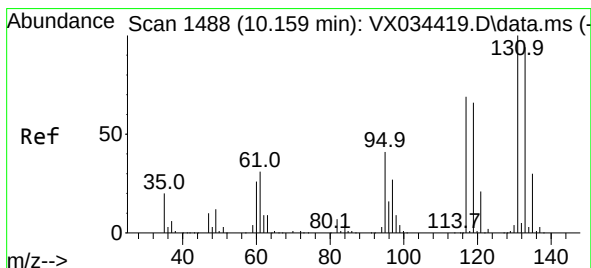
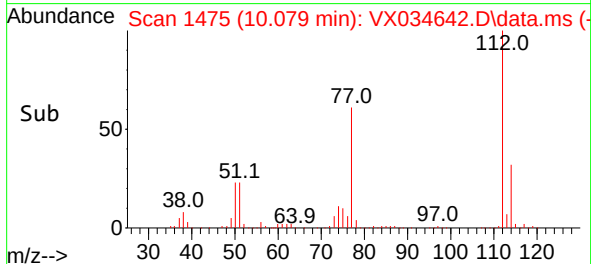
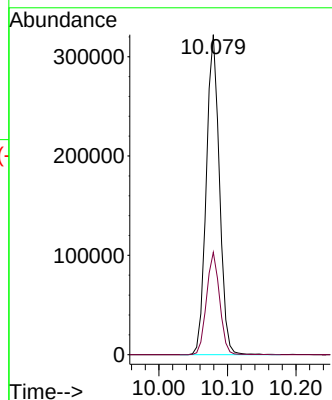
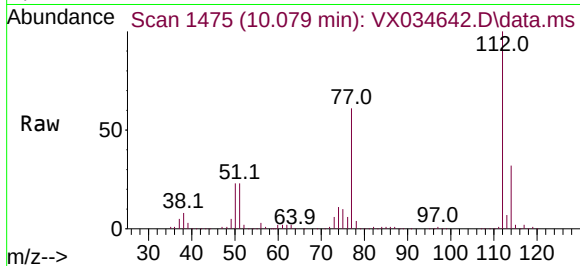
#65
Chlorobenzene
Concen: 49.410 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 42999
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

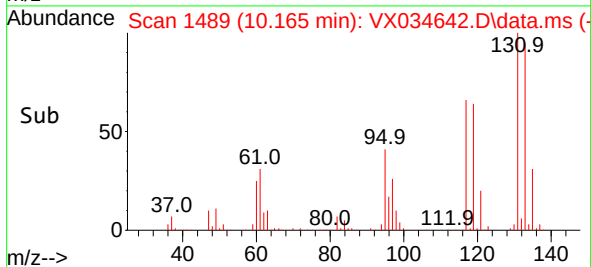
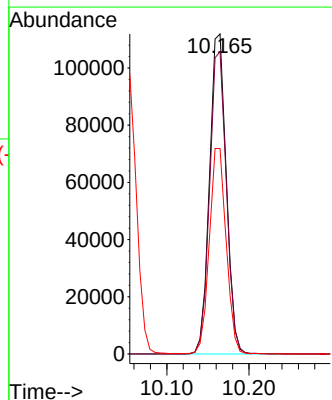
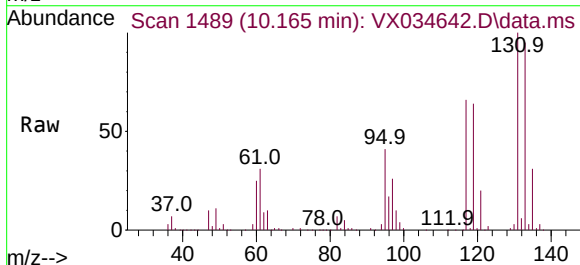
Manual Integrations
APPROVED

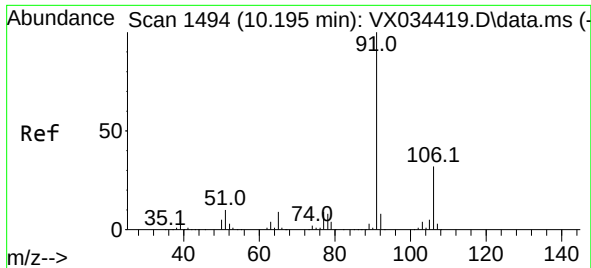
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.936 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

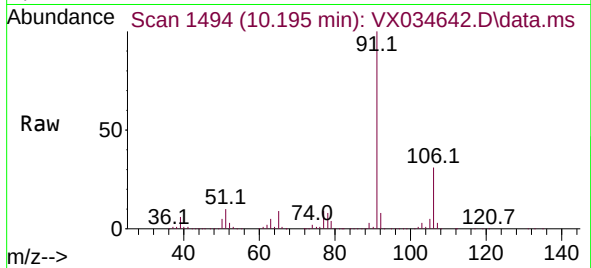
Tgt Ion:131 Resp: 158275
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.7 32.6 98.0





#67
Ethyl Benzene
Concen: 51.104 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

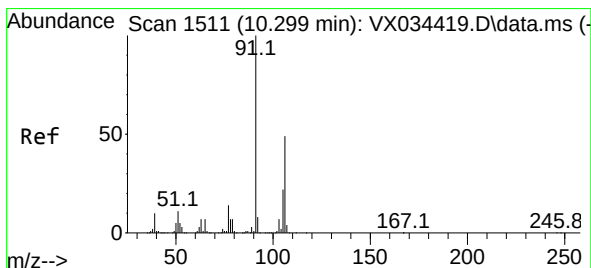
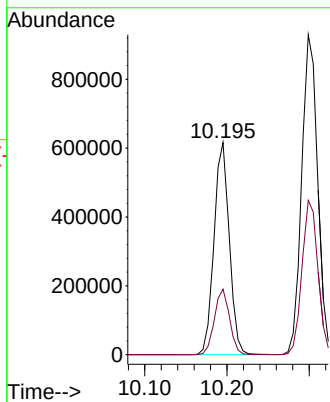
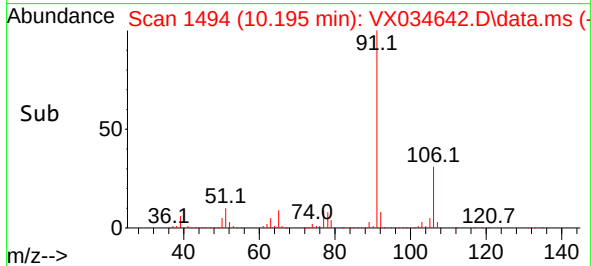
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



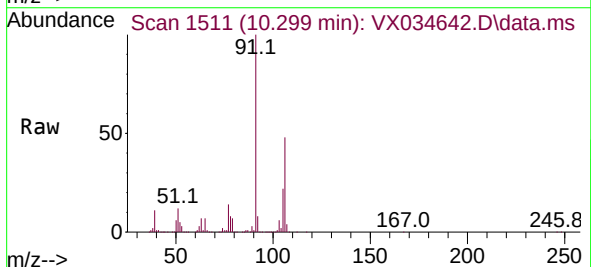
Tgt Ion: 91 Resp: 796178
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

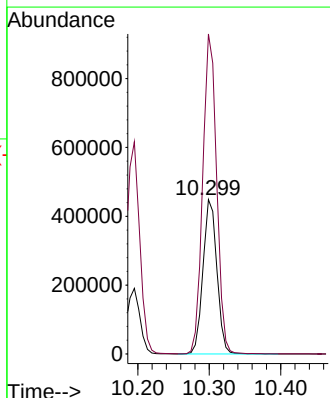
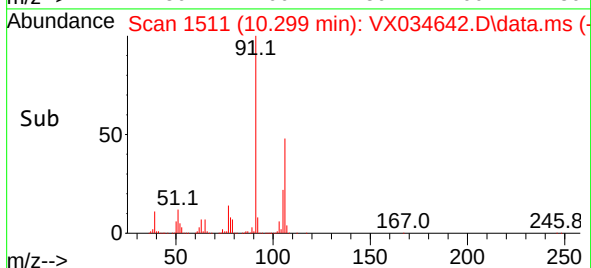
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

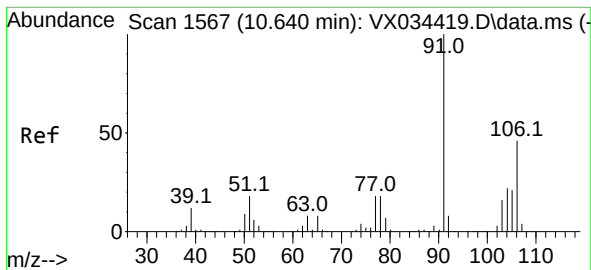


#68
m/p-Xylenes
Concen: 101.137 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



Tgt Ion:106 Resp: 605277
Ion Ratio Lower Upper
106 100
91 207.9 164.0 246.0





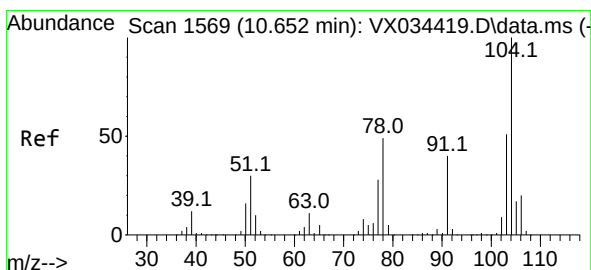
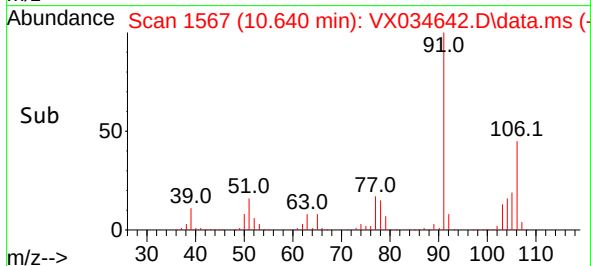
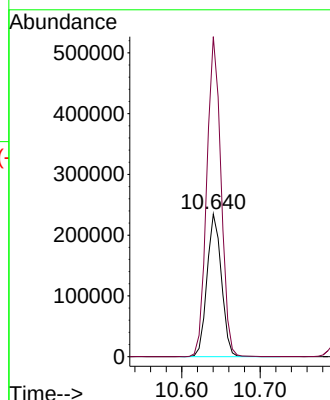
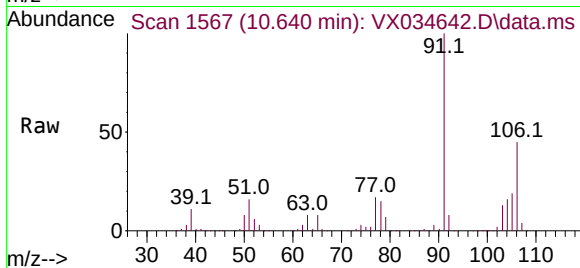
#69
o-Xylene
Concen: 49.776 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 29895
Ion Ratio Lower Upper
106 100
91 221.8 108.5 325.3

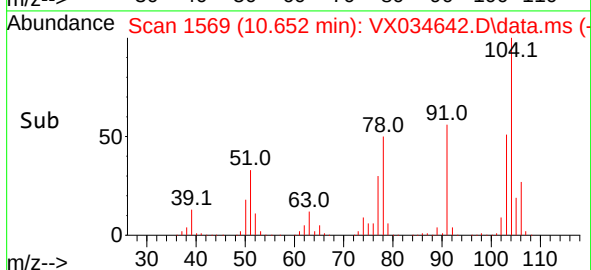
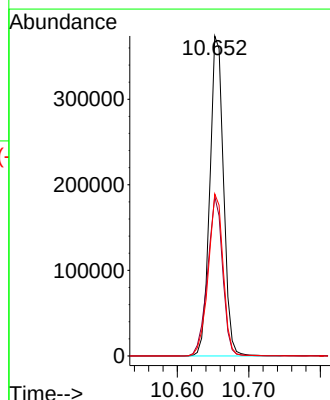
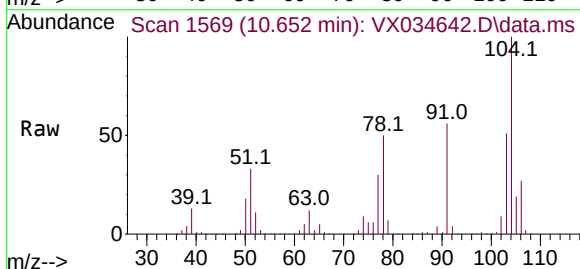
Manual Integrations
APPROVED

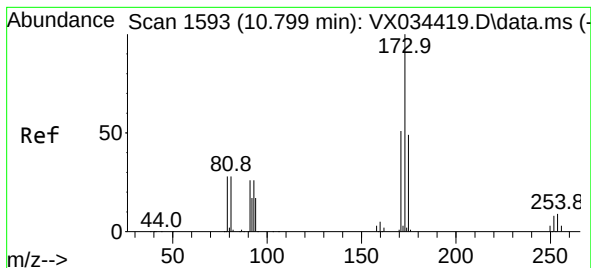
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 51.569 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:104 Resp: 499696
Ion Ratio Lower Upper
104 100
78 54.5 43.4 65.2
103 54.9 44.2 66.2





#71

Bromoform

Concen: 49.484 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 120730

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

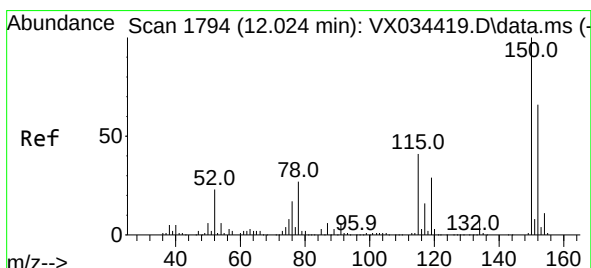
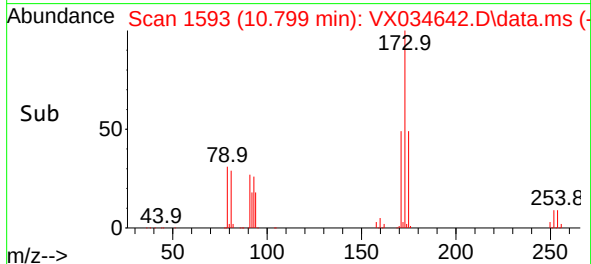
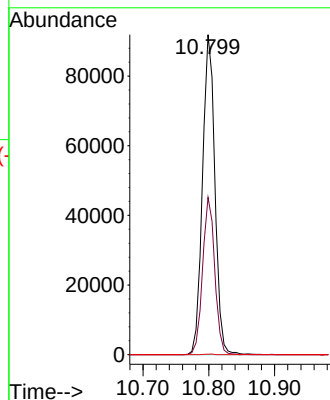
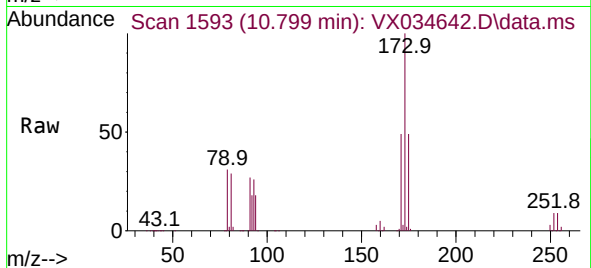
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034642.D

Acq: 20 Mar 2023 21:14

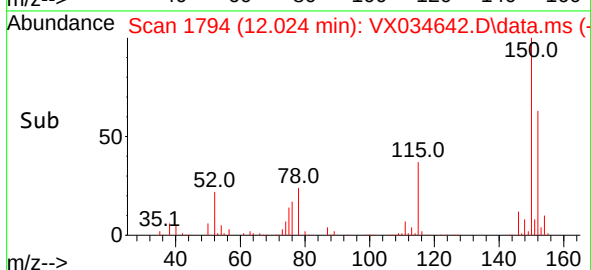
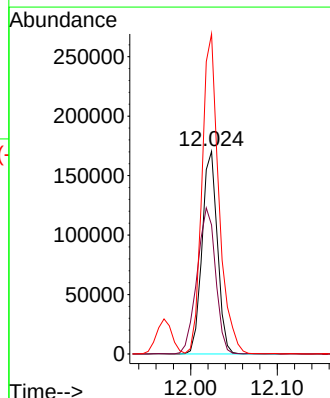
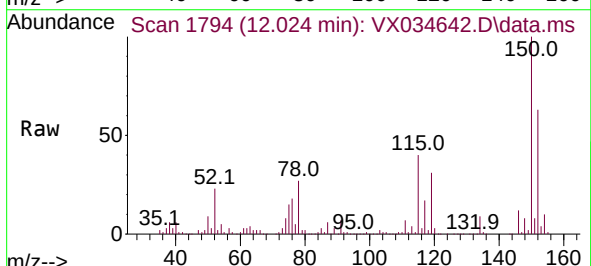
Tgt Ion:152 Resp: 209173

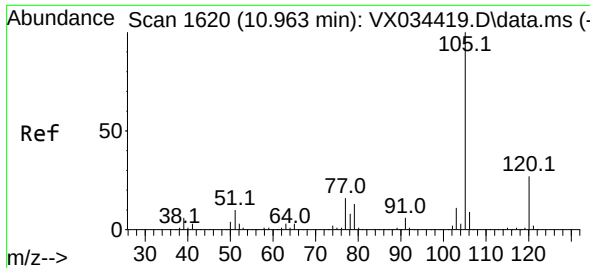
Ion Ratio Lower Upper

152 100

115 87.2 45.0 135.0

150 173.8 0.0 352.4





#73
Isopropylbenzene
Concen: 48.519 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

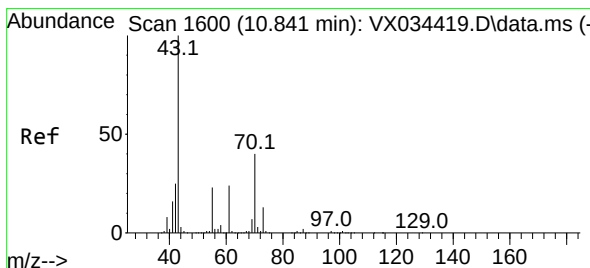
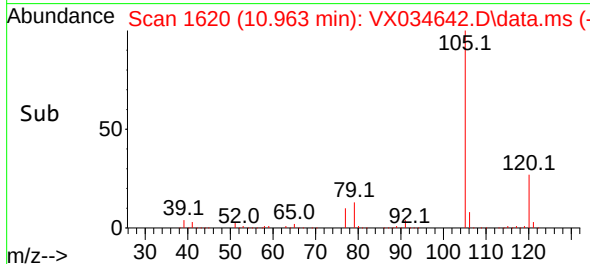
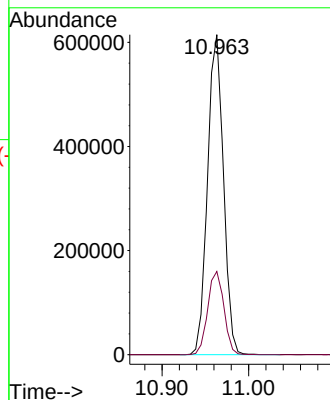
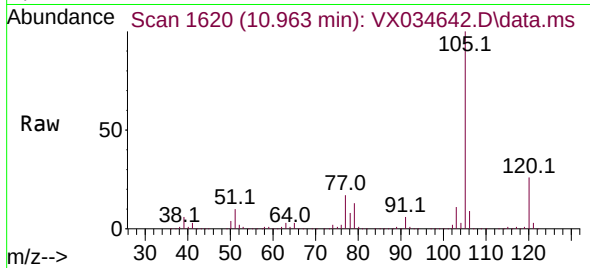
Tgt Ion:105 Resp: 784379
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations

APPROVED

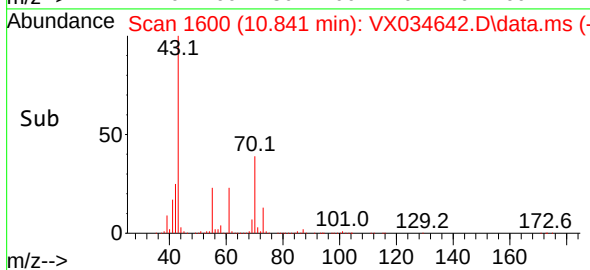
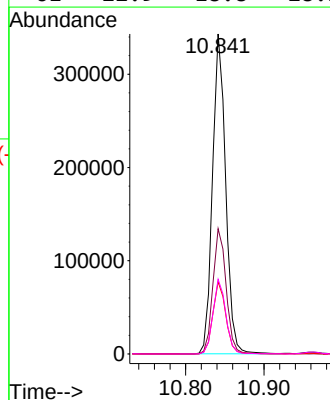
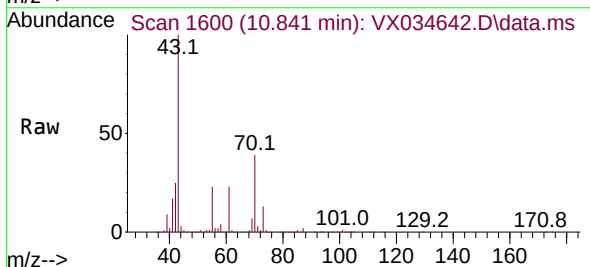
Reviewed By :John Carlone 03/21/2023

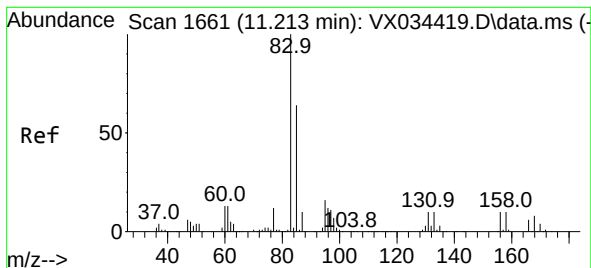
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 51.541 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

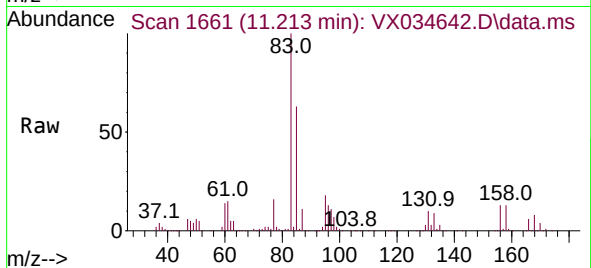
Tgt Ion: 43 Resp: 399096
Ion Ratio Lower Upper
43 100
70 39.6 32.1 48.1
55 22.5 18.3 27.5
61 22.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.958 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

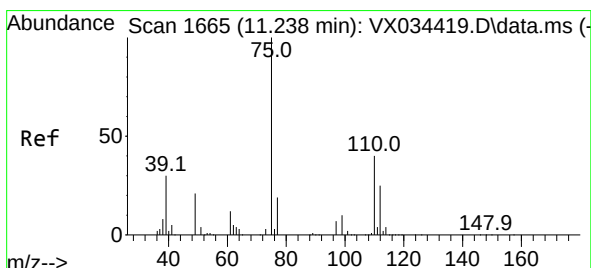
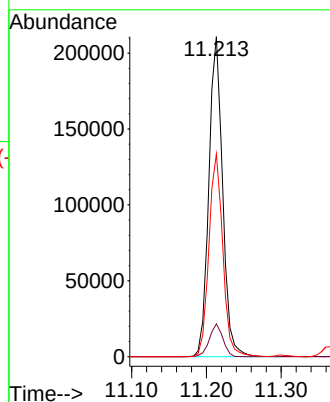
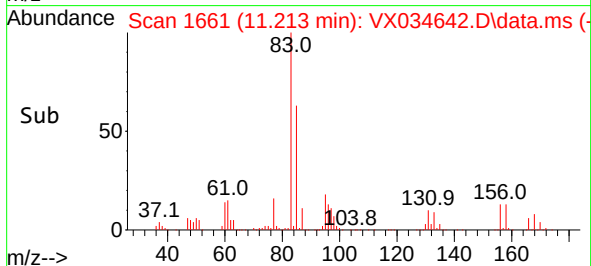
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 269509
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 63.9 32.0 96.0

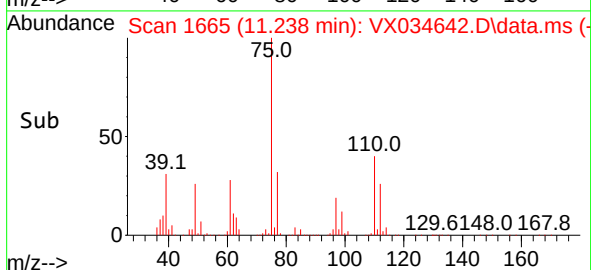
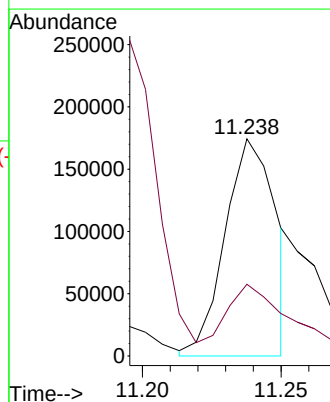
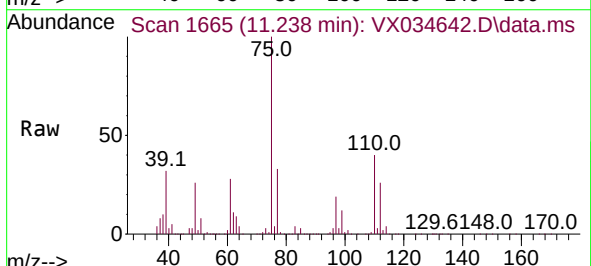
Manual Integrations
APPROVED

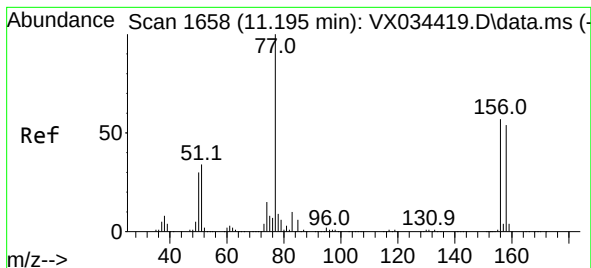
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 46.256 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

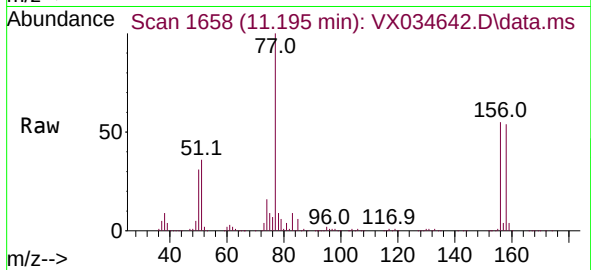
Tgt Ion: 75 Resp: 222163
Ion Ratio Lower Upper
75 100
77 43.4 21.6 64.8





#77
Bromobenzene
Concen: 47.740 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

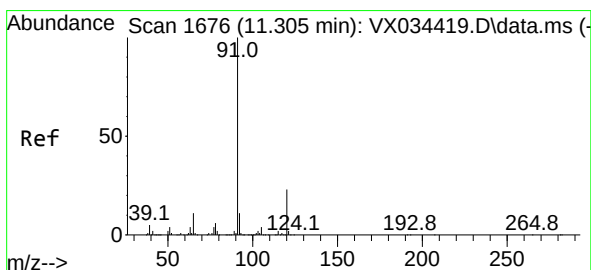
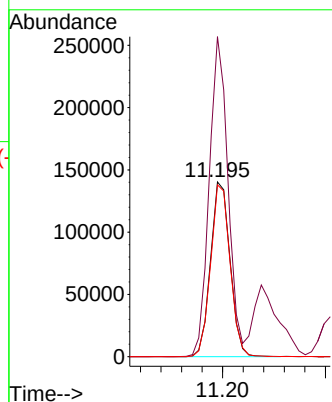
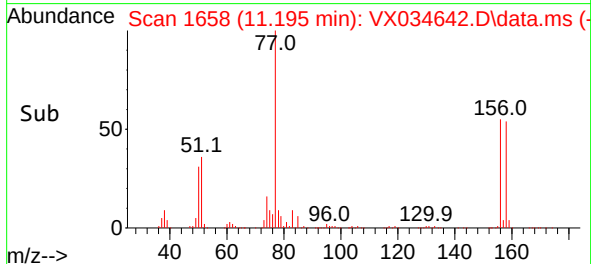
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



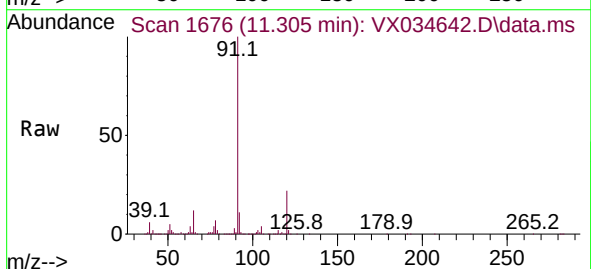
Tgt Ion:156 Resp: 18517
Ion Ratio Lower Upper
156 100
77 175.3 86.7 259.9
158 98.0 48.0 144.0

Manual Integrations
APPROVED

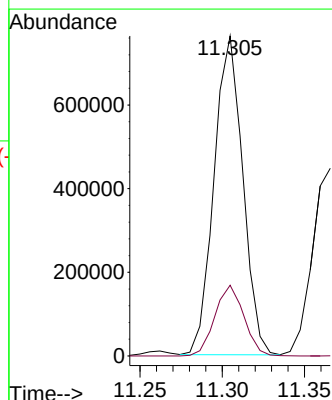
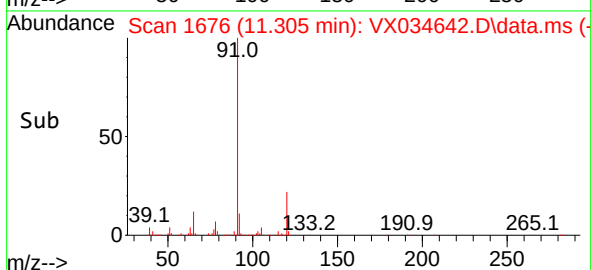
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

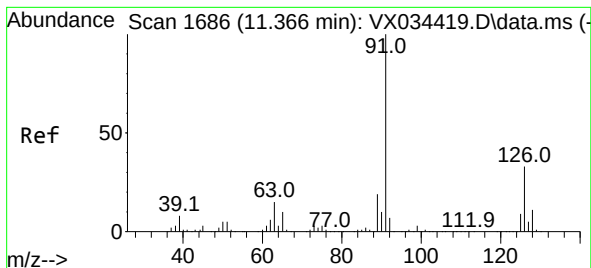


#78
n-propylbenzene
Concen: 49.576 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



Tgt Ion: 91 Resp: 925620
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5





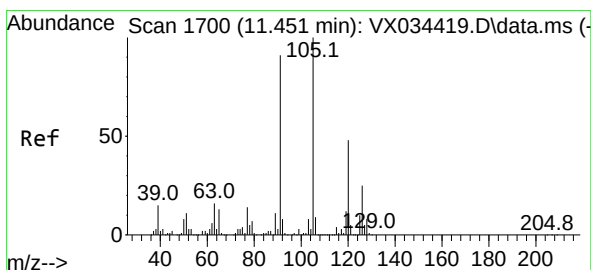
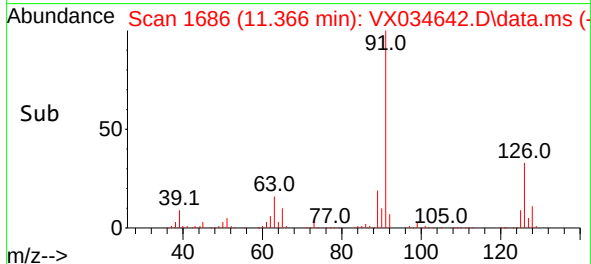
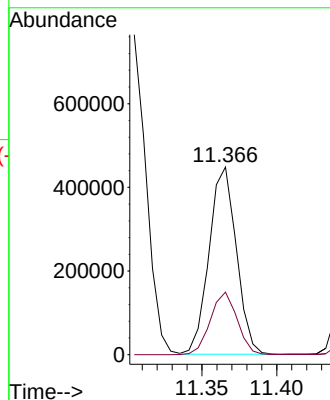
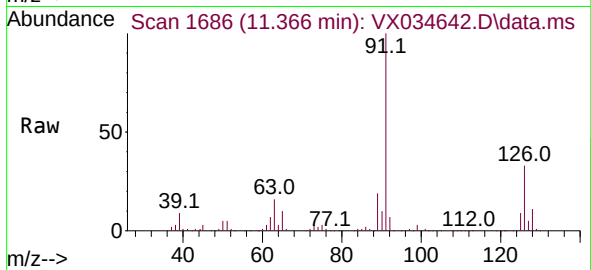
#79
2-Chlorotoluene
Concen: 49.268 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 56810
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

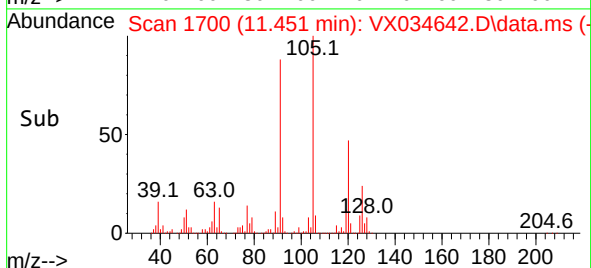
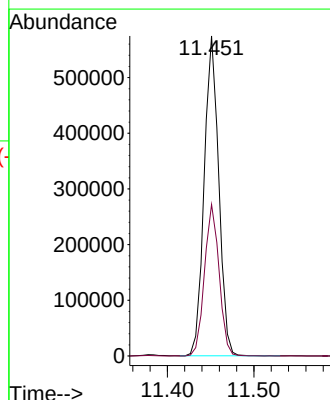
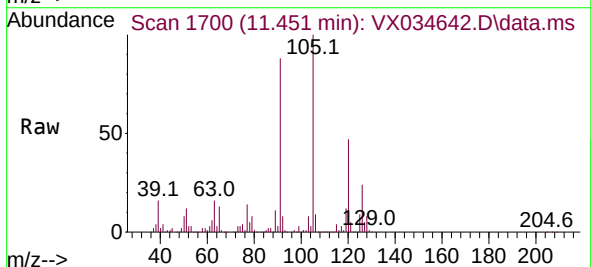
Manual Integrations
APPROVED

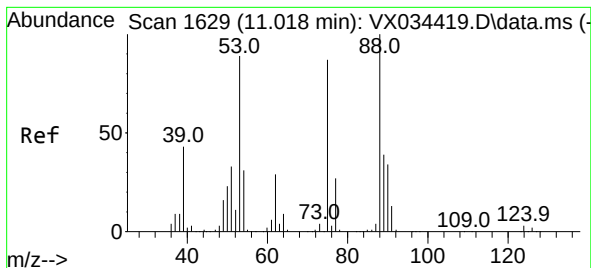
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.469 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:105 Resp: 670796
Ion Ratio Lower Upper
105 100
120 47.6 23.7 71.1





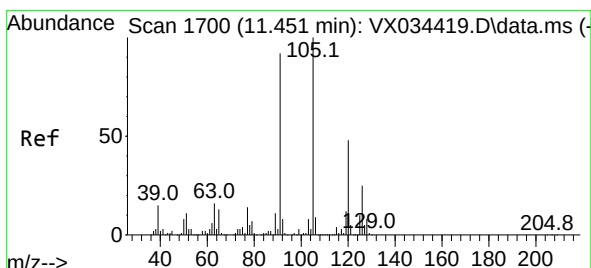
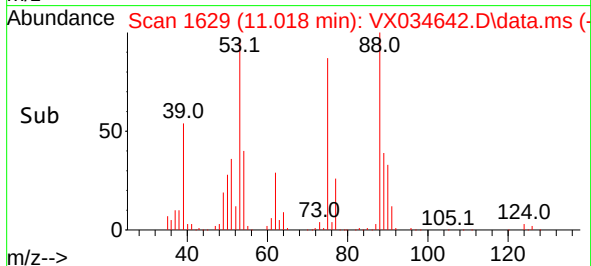
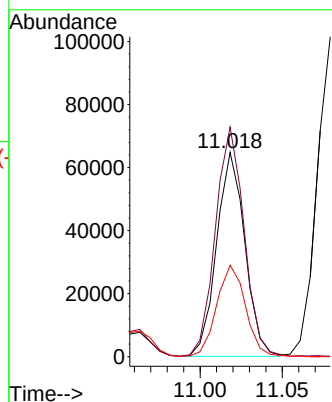
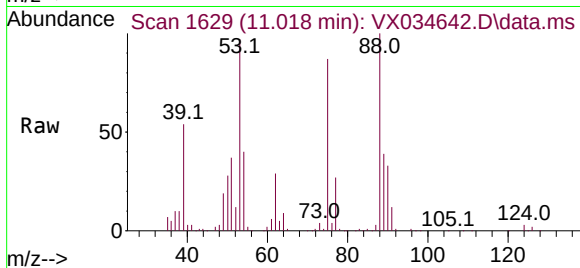
#81
trans-1,4-Dichloro-2-butene
Concen: 43.550 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 77317
Ion Ratio Lower Upper
75 100
53 115.2 82.6 124.0
89 45.9 36.9 55.3

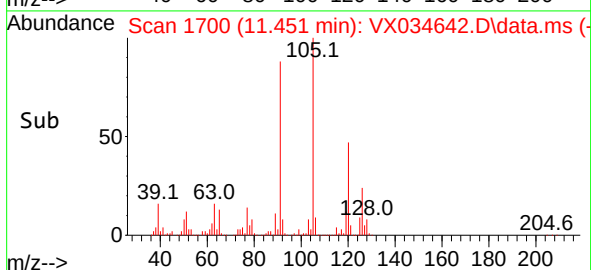
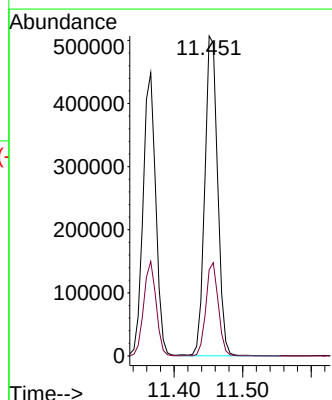
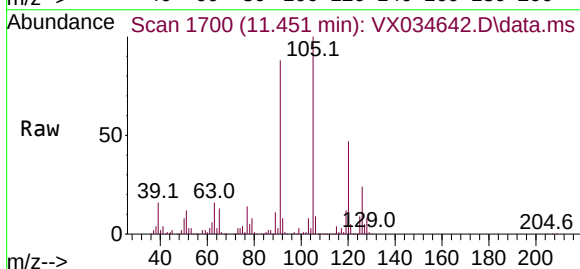
Manual Integrations
APPROVED

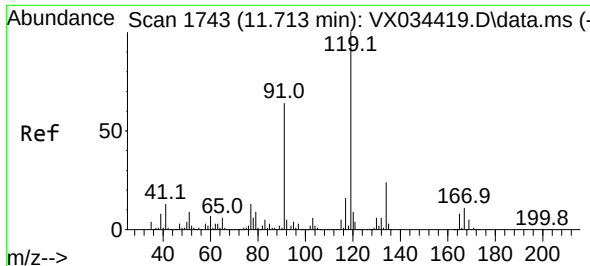
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#82
4-Chlorotoluene
Concen: 49.809 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

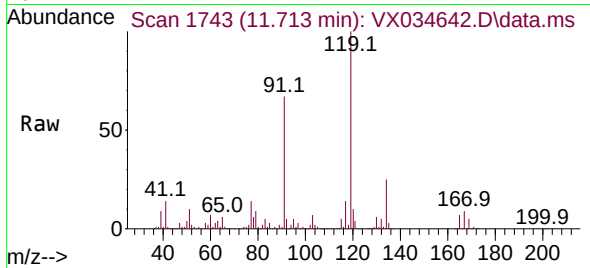
Tgt Ion: 91 Resp: 661555
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.879 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

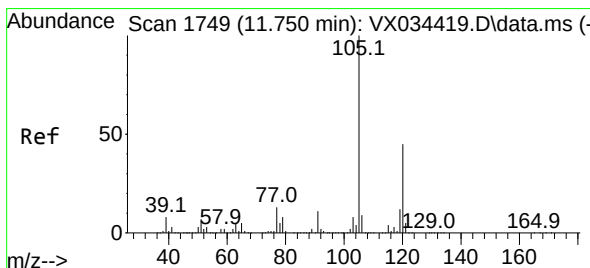
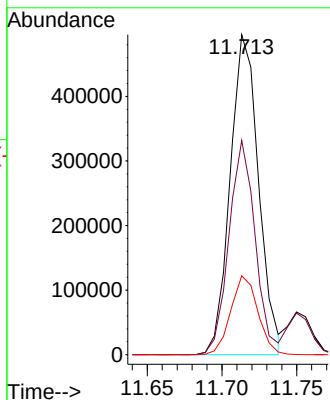
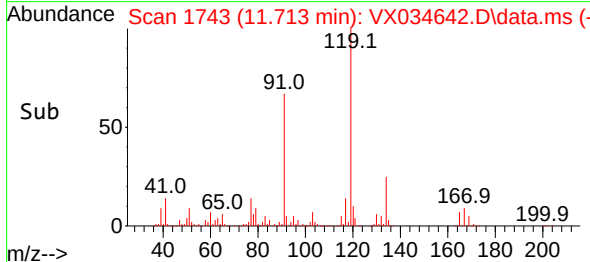
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



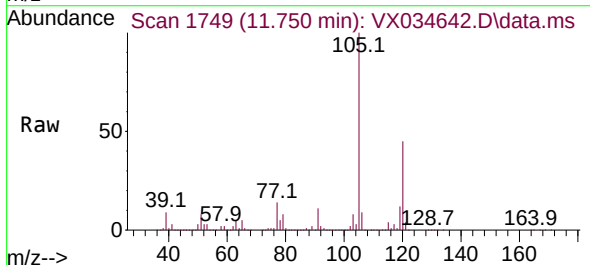
Tgt Ion:119 Resp: 654588
Ion Ratio Lower Upper
119 100
91 61.9 30.6 92.0
134 23.6 11.8 35.4

Manual Integrations
APPROVED

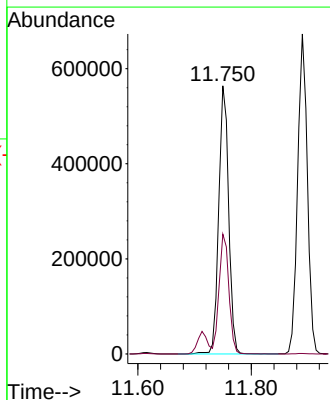
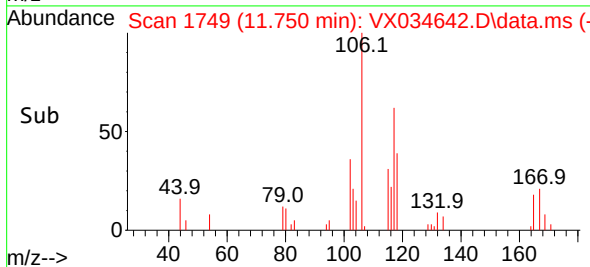
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

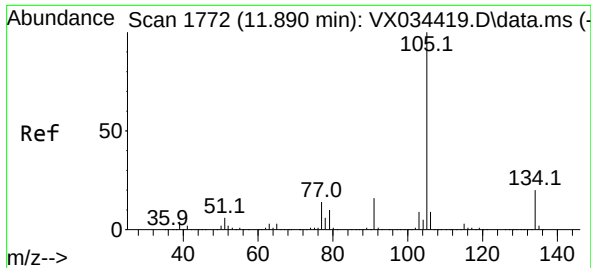


#84
1,2,4-Trimethylbenzene
Concen: 49.209 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



Tgt Ion:105 Resp: 681953
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.725 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

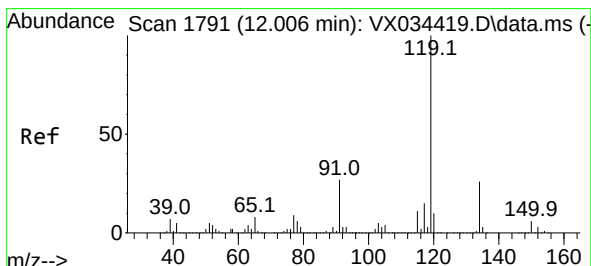
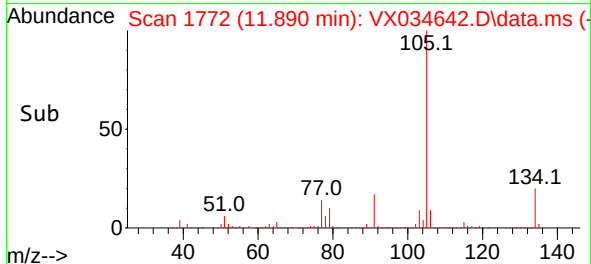
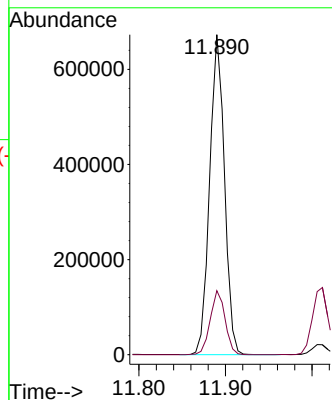
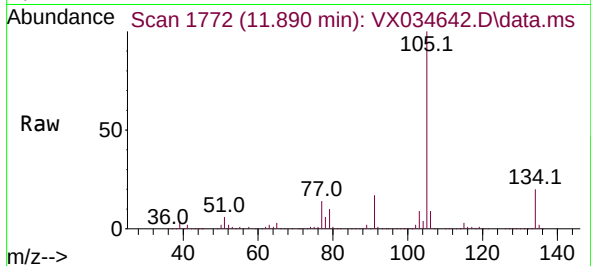
VSTDCCC050EC

Tgt Ion:105 Resp: 797690
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations

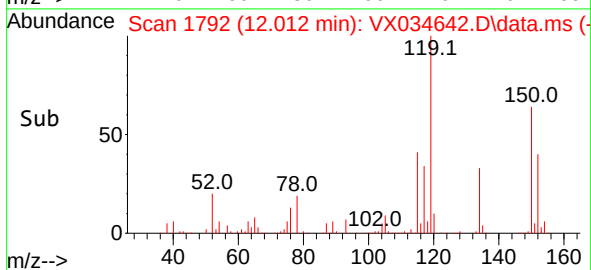
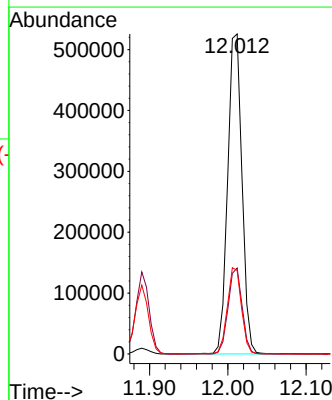
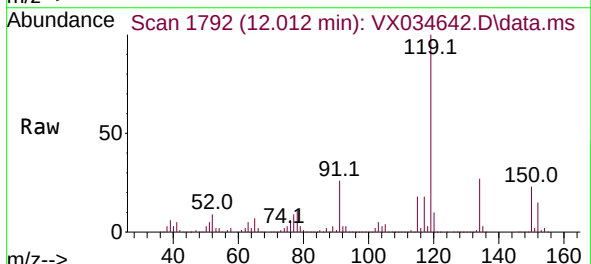
APPROVED

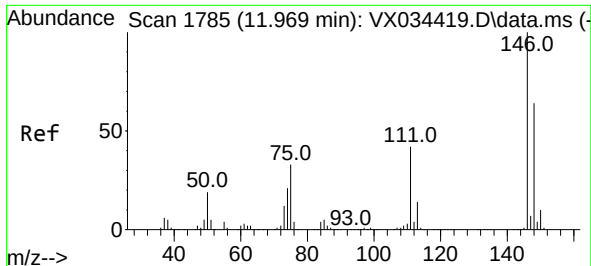
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#86
 p-Isopropyltoluene
 Concen: 47.619 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034642.D
 Acq: 20 Mar 2023 21:14

Tgt Ion:119 Resp: 668927
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 26.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.430 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034642.D

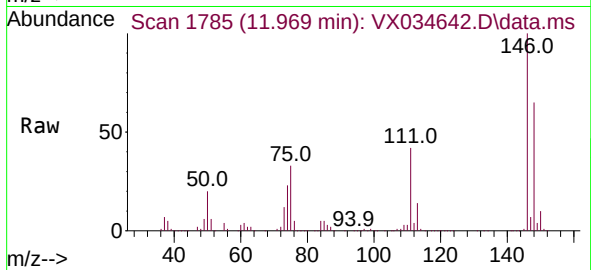
Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 360450

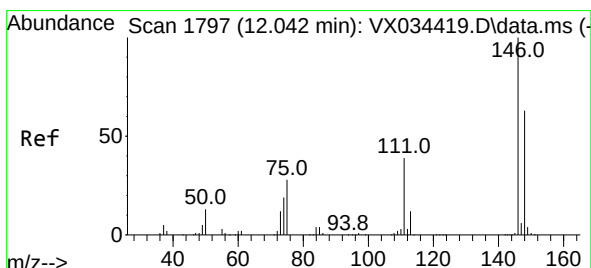
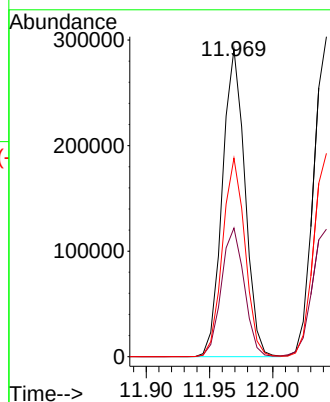
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.8
148	64.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#88

1,4-Dichlorobenzene

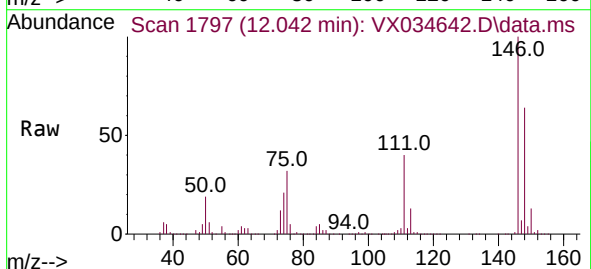
Concen: 47.756 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

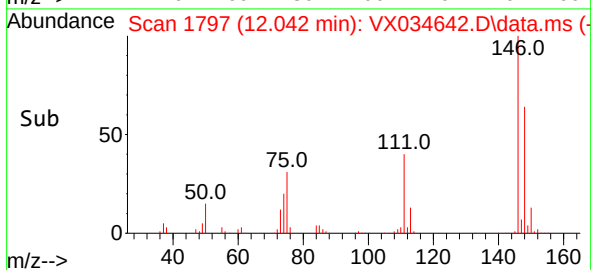
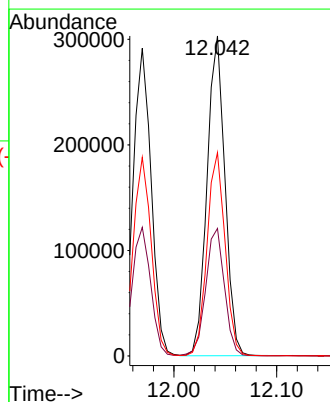
Lab File: VX034642.D

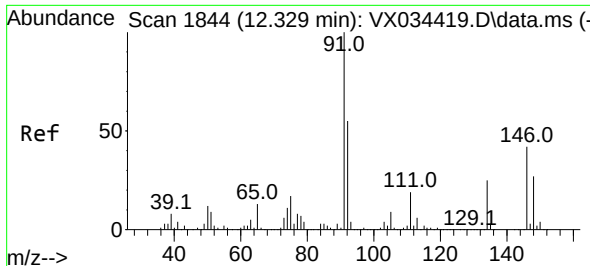
Acq: 20 Mar 2023 21:14



Tgt Ion:146 Resp: 366978

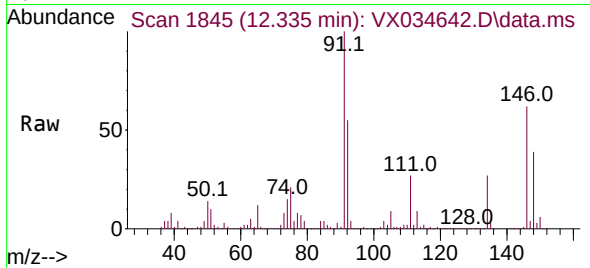
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	64.0	31.8	95.4





#89
n-Butylbenzene
Concen: 47.181 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

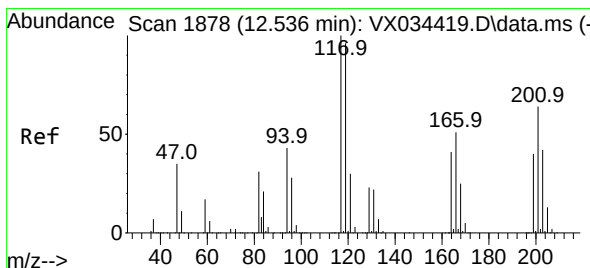
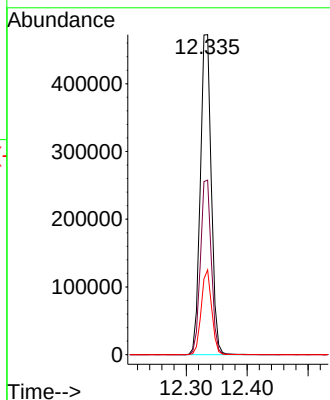
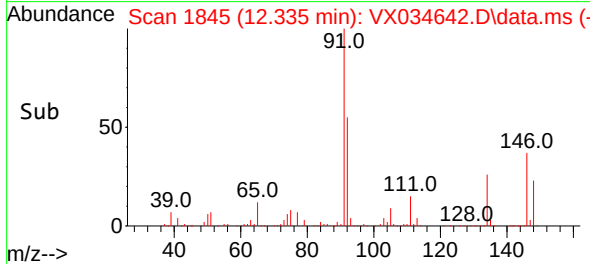
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 589204
Ion Ratio Lower Upper
91 100
92 54.3 27.7 83.0
134 25.3 13.0 38.9

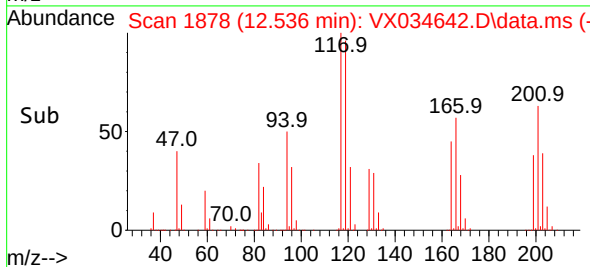
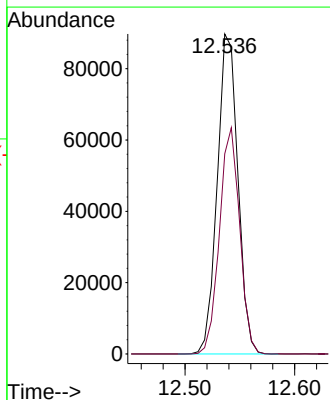
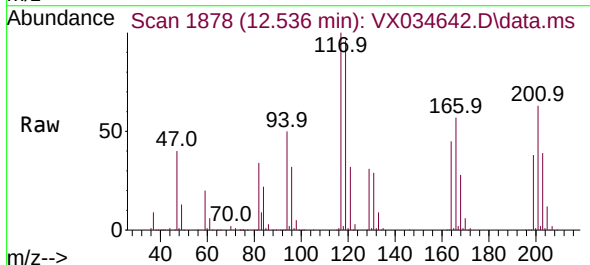
Manual Integrations
APPROVED

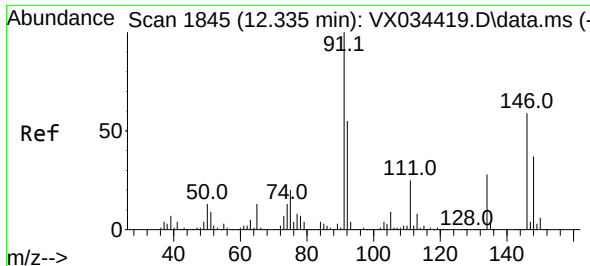
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#90
Hexachloroethane
Concen: 45.228 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

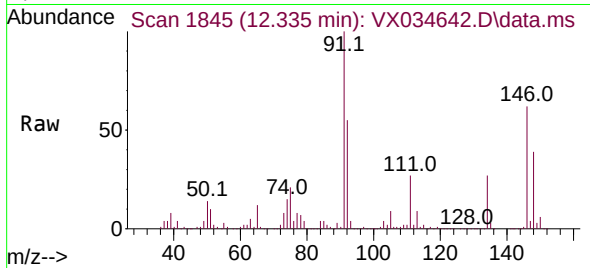
Tgt Ion:117 Resp: 117562
Ion Ratio Lower Upper
117 100
201 69.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.427 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

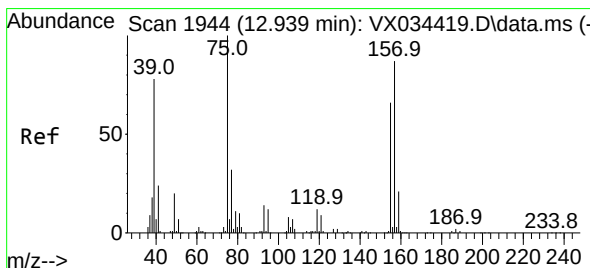
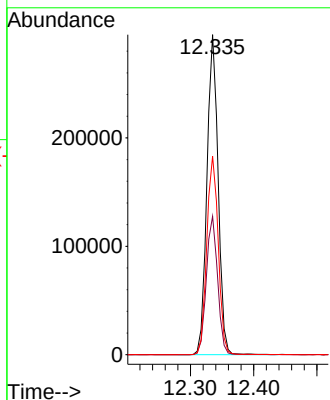
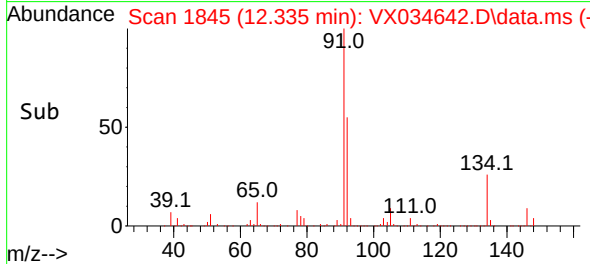
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



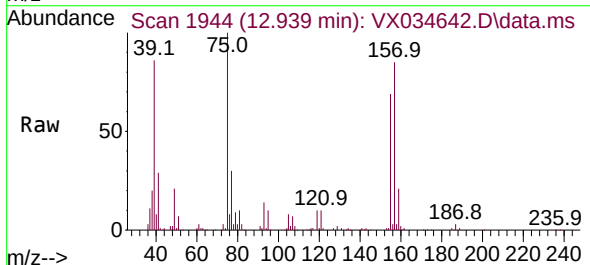
Tgt Ion:146 Resp: 363015
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

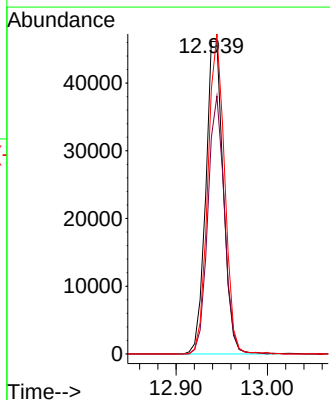
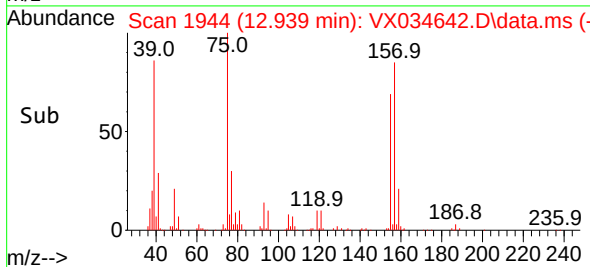
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

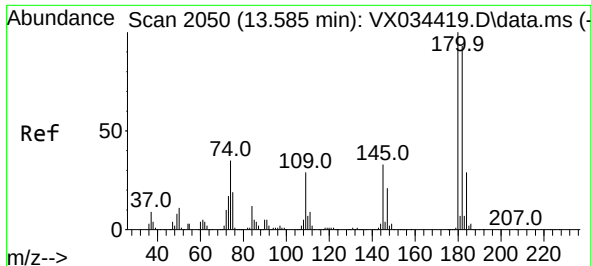


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.030 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14



Tgt Ion: 75 Resp: 61320
Ion Ratio Lower Upper
75 100
155 77.9 38.4 115.1
157 97.8 49.9 149.7





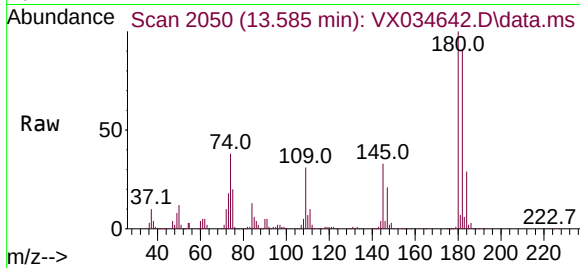
#93
1,2,4-Trichlorobenzene
Concen: 47.021 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



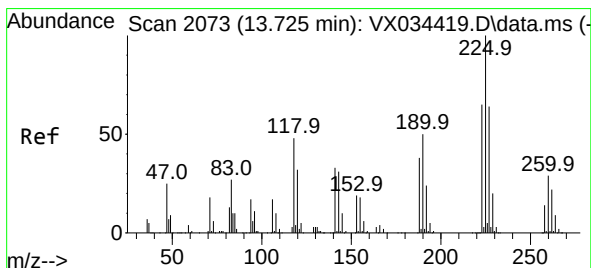
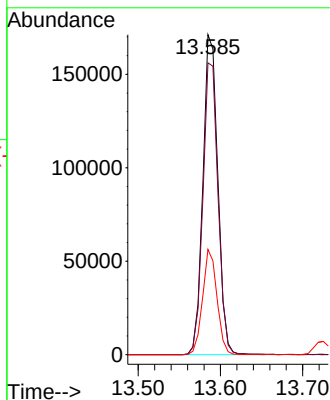
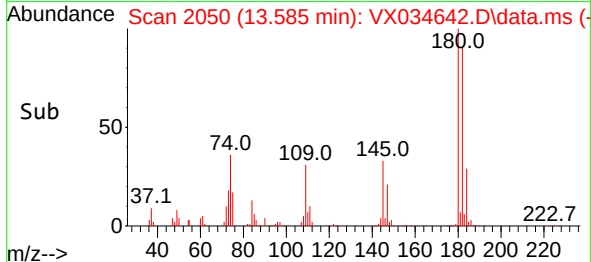
Tgt Ion:180 Resp: 21595
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.0
145 31.8 15.9 47.7

Manual Integrations

APPROVED

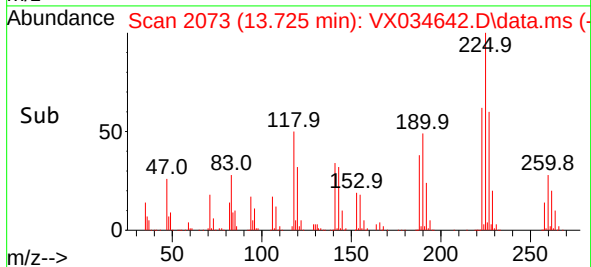
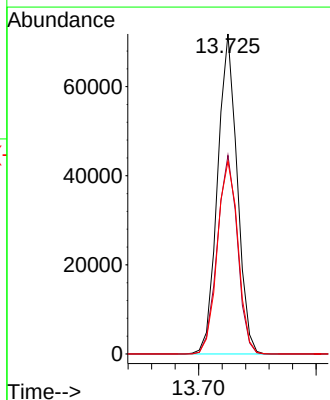
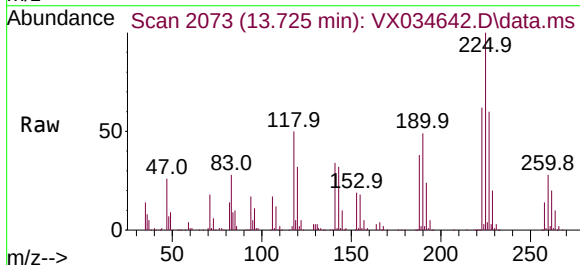
Reviewed By :John Carlone 03/21/2023

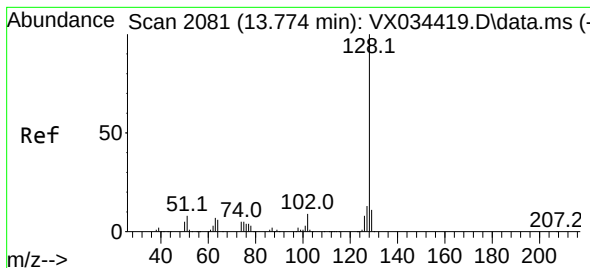
Supervised By :Mahesh Dadoda 03/21/2023



#94
Hexachlorobutadiene
Concen: 44.968 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

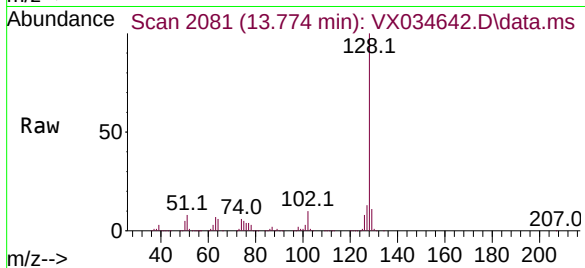
Tgt Ion:225 Resp: 83203
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.5
227 63.4 31.8 95.4





#95
Naphthalene
Concen: 49.754 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

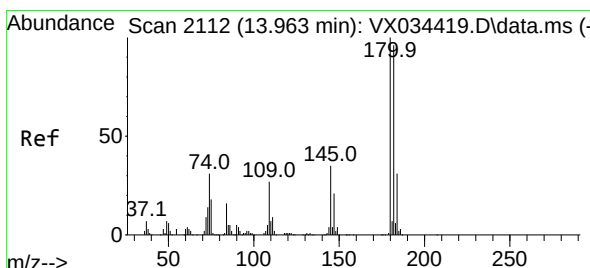
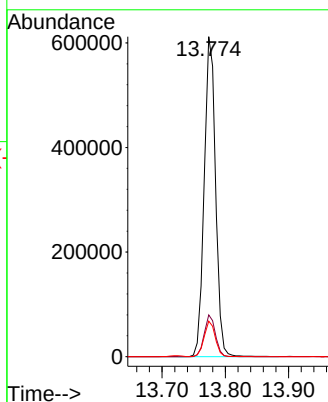
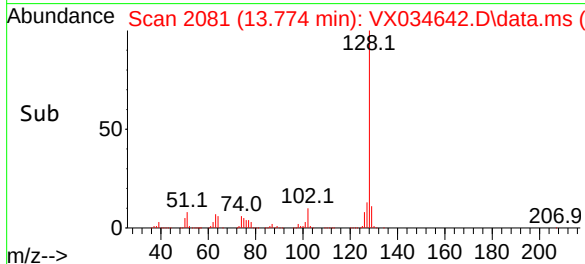
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 76628
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.206 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034642.D
Acq: 20 Mar 2023 21:14

Tgt Ion:180 Resp: 211931
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 35.0 17.7 53.1

