

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031023\
 Data File : VX034411.D
 Acq On : 10 Mar 2023 10:50
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 11 03:03:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 03:01:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	263856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	491702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	19462	5.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.140%#		
35) Dibromofluoromethane	5.385	113	14797	4.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.120%#		
50) Toluene-d8	8.647	98	53970	4.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	8.900%#		
62) 4-Bromofluorobenzene	11.079	95	19651	4.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.020%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	9099	3.846	ug/l	99
3) Chloromethane	1.300	50	26405m	6.526	ug/l	
4) Vinyl Chloride	1.374	62	16613	5.026	ug/l	89
5) Bromomethane	1.599	94	7920	4.584	ug/l	96
6) Chloroethane	1.678	64	12407m	6.387	ug/l	
7) Trichlorofluoromethane	1.880	101	22328	4.474	ug/l	90
8) Diethyl Ether	2.130	74	11102	6.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	11630	3.954	ug/l	97
10) Methyl Iodide	2.447	142	16650	4.324	ug/l	98
11) Tert butyl alcohol	2.959	59	25794	32.269	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13403	4.653	ug/l	99
13) Acrolein	2.233	56	16599	24.343	ug/l	98
14) Allyl chloride	2.660	41	30778	5.265	ug/l	95
15) Acrylonitrile	3.062	53	50012	28.422	ug/l	99
16) Acetone	2.379	43	48145	26.930	ug/l	97
17) Carbon Disulfide	2.507	76	36290	4.169	ug/l	99
18) Methyl Acetate	2.703	43	34977	5.781	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	57251	5.460	ug/l	97
20) Methylene Chloride	2.788	84	19475	5.429	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	15318	4.751	ug/l	98
22) Diisopropyl ether	3.763	45	62305	5.557	ug/l	97
23) Vinyl Acetate	3.721	43	237747	28.001	ug/l	99
24) 1,1-Dichloroethane	3.611	63	31000	5.164	ug/l	99
25) 2-Butanone	4.562	43	72134	27.444	ug/l	100
26) 2,2-Dichloropropane	4.477	77	24509	4.694	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	19714	5.198	ug/l	99
28) Bromochloromethane	4.891	49	15808	5.579	ug/l #	15
29) Tetrahydrofuran	5.013	42	45490	28.018	ug/l	99
30) Chloroform	5.092	83	31381	5.198	ug/l	99
31) Cyclohexane	5.464	56	21249	3.947	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	23986	4.622	ug/l	98
36) 1,1-Dichloropropene	5.696	75	19903	4.013	ug/l	96
37) Ethyl Acetate	4.721	43	25098	4.540	ug/l #	94
38) Carbon Tetrachloride	5.672	117	19174	3.914	ug/l	97
39) Methylcyclohexane	7.379	83	19530	3.308	ug/l	99
40) Benzene	6.037	78	70838	4.878	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 11 03:03:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 03:01:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13834	4.639	ug/l	93
42) 1,2-Dichloroethane	6.086	62	26241	4.883	ug/l	99
43) Isopropyl Acetate	6.342	43	46678	5.037	ug/l	100
44) Trichloroethene	7.129	130	16825	4.481	ug/l	98
45) 1,2-Dichloropropane	7.433	63	18738	4.926	ug/l	98
46) Dibromomethane	7.586	93	12628	4.839	ug/l	97
47) Bromodichloromethane	7.824	83	23003	4.559	ug/l	100
48) Methyl methacrylate	7.696	41	20832	4.678	ug/l	97
49) 1,4-Dioxane	7.659	88	9955	106.726	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	139631	25.937	ug/l	99
52) Toluene	8.714	92	42905	4.740	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24963	4.412	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	27395	4.486	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17752	4.887	ug/l	95
56) Ethyl methacrylate	9.116	69	28113	4.799	ug/l	96
57) 1,3-Dichloropropane	9.311	76	31469	4.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	74076	24.865	ug/l	99
59) 2-Hexanone	9.433	43	103915	25.255	ug/l	100
60) Dibromochloromethane	9.518	129	17199	4.542	ug/l	97
61) 1,2-Dibromoethane	9.610	107	18626	4.788	ug/l	98
64) Tetrachloroethene	9.275	164	12376	4.080	ug/l	95
65) Chlorobenzene	10.079	112	46232	4.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	16356	4.672	ug/l	98
67) Ethyl Benzene	10.195	91	77228	4.496	ug/l	96
68) m/p-Xylenes	10.299	106	60698	9.133	ug/l	95
69) o-Xylene	10.640	106	30425	4.669	ug/l	100
70) Styrene	10.652	104	48424	4.492	ug/l	98
71) Bromoform	10.799	173	11473	4.268	ug/l #	99
73) Isopropylbenzene	10.963	105	71389	4.532	ug/l	100
74) N-amyl acetate	10.841	43	38092	5.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	28124	5.303	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25858m	5.160	ug/l	
77) Bromobenzene	11.201	156	19562	5.064	ug/l	93
78) n-propylbenzene	11.305	91	80660	4.337	ug/l	100
79) 2-Chlorotoluene	11.366	91	53783	4.680	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	60756	4.531	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7320	4.195	ug/l	93
82) 4-Chlorotoluene	11.457	91	60996	4.606	ug/l	100
83) tert-Butylbenzene	11.713	119	58555	4.393	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	61742	4.556	ug/l	99
85) sec-Butylbenzene	11.890	105	64816	3.994	ug/l	100
86) p-Isopropyltoluene	12.012	119	56774	4.150	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	34376	4.564	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	36183	4.707	ug/l	94
89) n-Butylbenzene	12.335	91	44336	3.615	ug/l	99
90) Hexachloroethane	12.536	117	9773	3.893	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	35888	4.916	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5573	4.688	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	19129	4.091	ug/l	97
94) Hexachlorobutadiene	13.725	225	6448	3.488	ug/l	99
95) Naphthalene	13.774	128	72533	4.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19738	4.355	ug/l	94

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

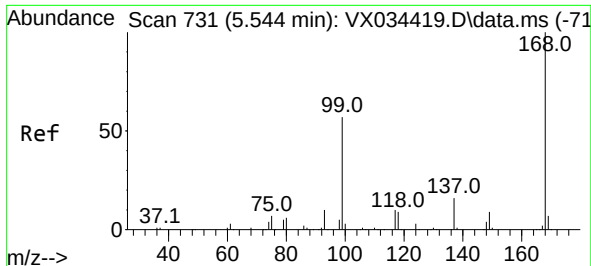
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

Quant Time: Mar 11 03:03:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 11 03:01:21 2023
Response via : Initial Calibration

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



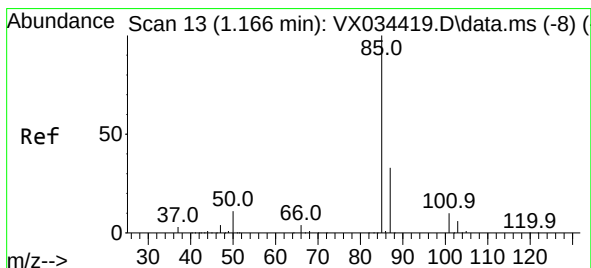
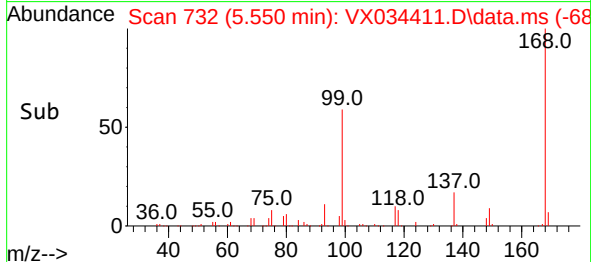
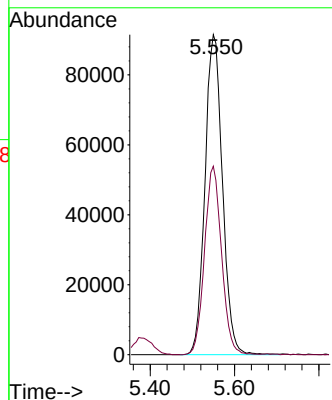
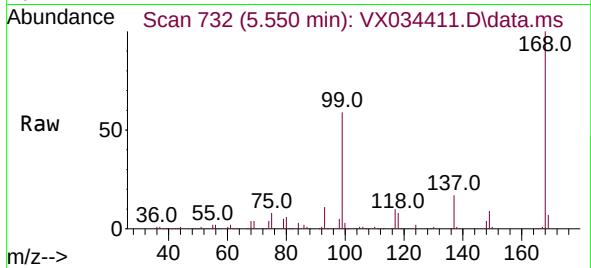
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 26385
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5

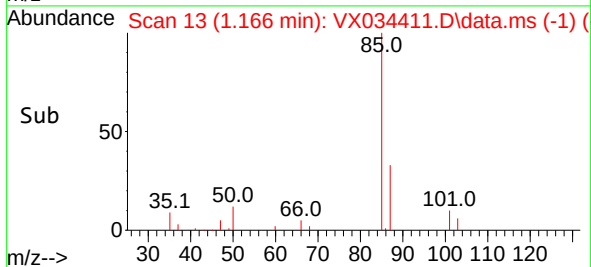
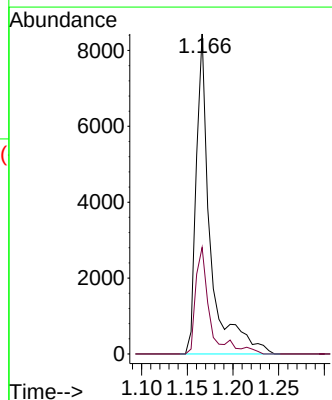
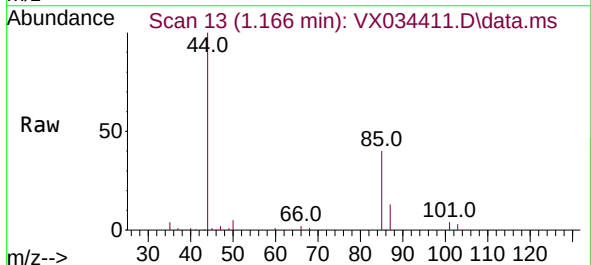
Manual Integrations
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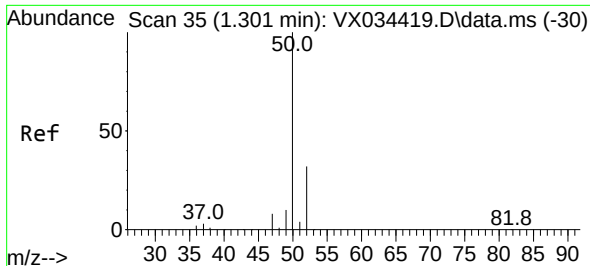
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 3.846 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

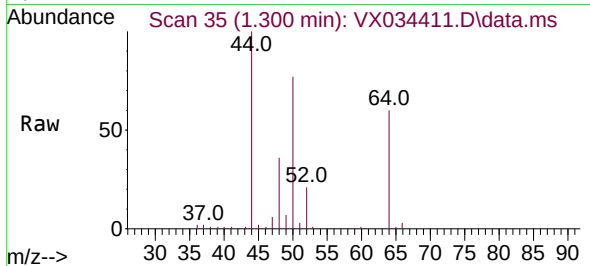
Tgt Ion: 85 Resp: 9099
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





#3
Chloromethane
Concen: 6.526 ug/l m
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

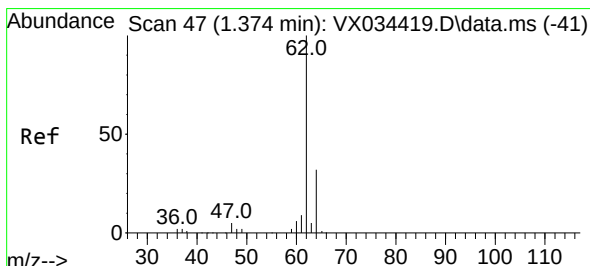
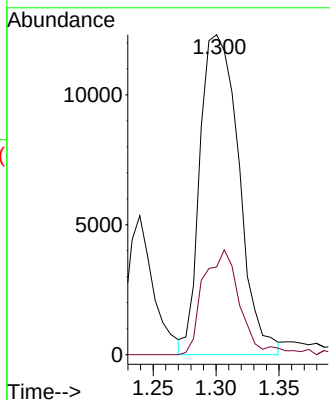
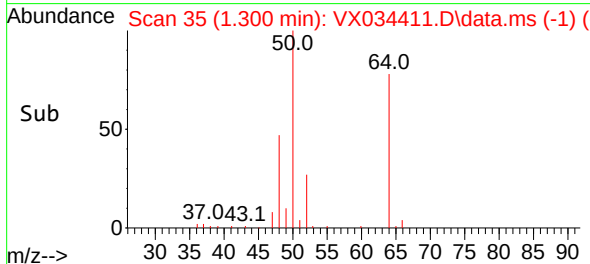
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2640
Ion Ratio Lower Upper
50 100
52 27.4 25.9 38.9

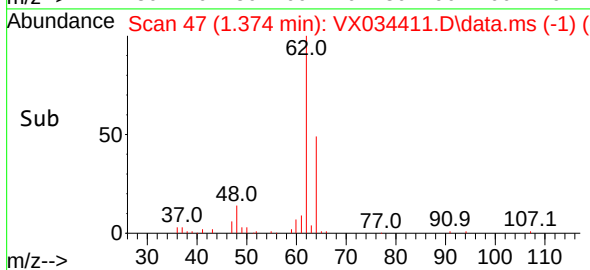
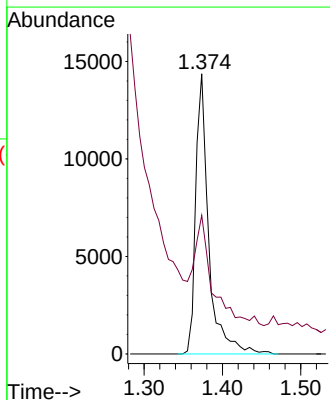
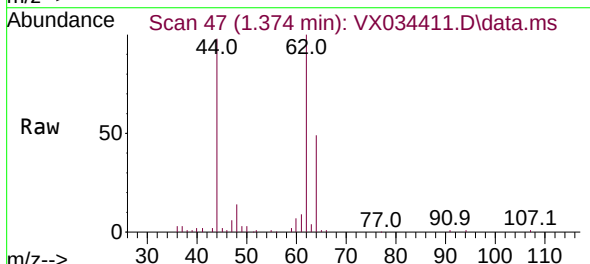
Manual Integrations
APPROVED

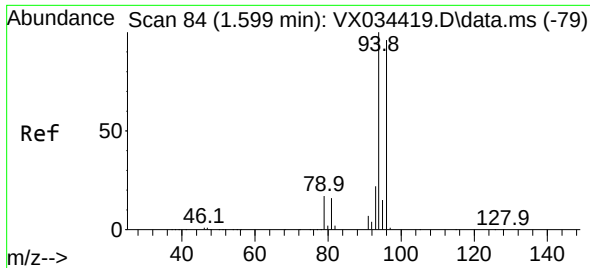
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#4
Vinyl Chloride
Concen: 5.026 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

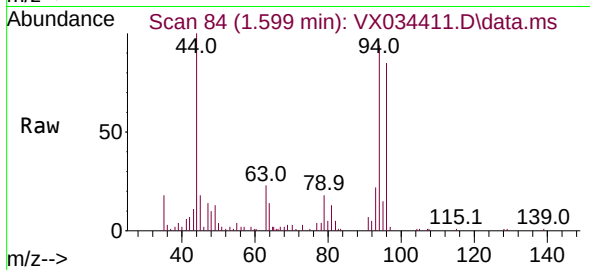
Tgt Ion: 62 Resp: 16613
Ion Ratio Lower Upper
62 100
64 39.0 26.4 39.6





#5
Bromomethane
Concen: 4.584 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

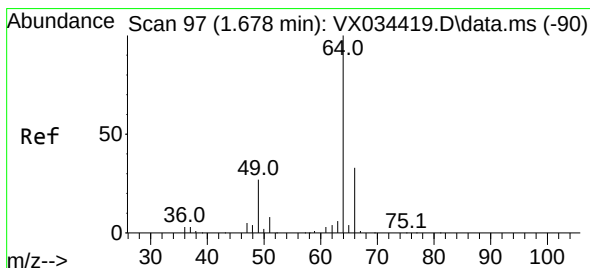
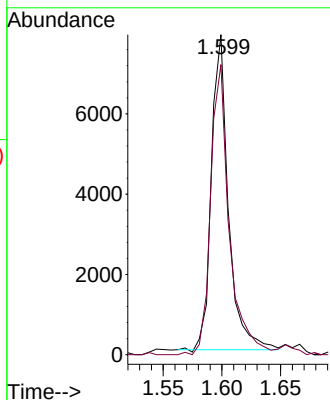
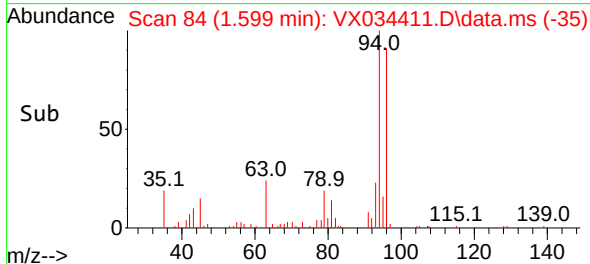
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 7920
Ion Ratio Lower Upper
94 100
96 92.1 77.0 115.6

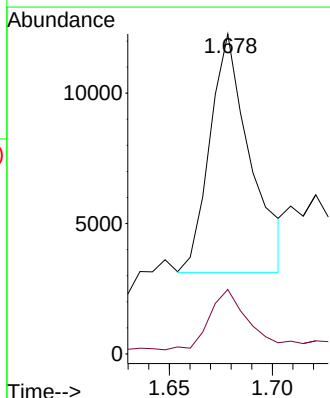
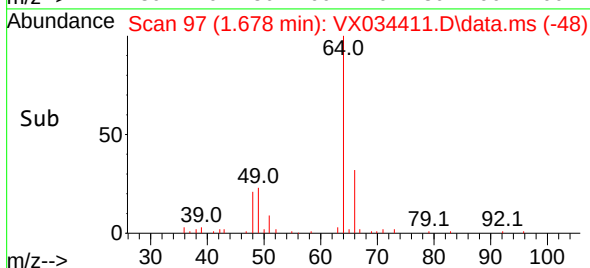
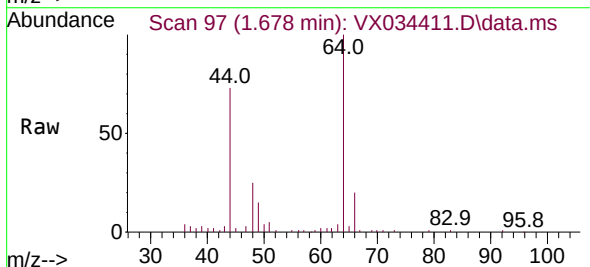
Manual Integrations
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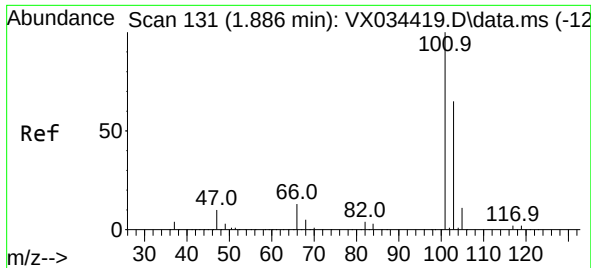
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#6
Chloroethane
Concen: 6.387 ug/l m
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

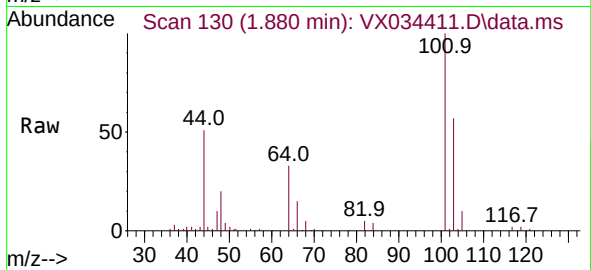
Tgt Ion: 64 Resp: 12407
Ion Ratio Lower Upper
64 100
66 20.1 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 4.474 ug/l
RT: 1.880 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

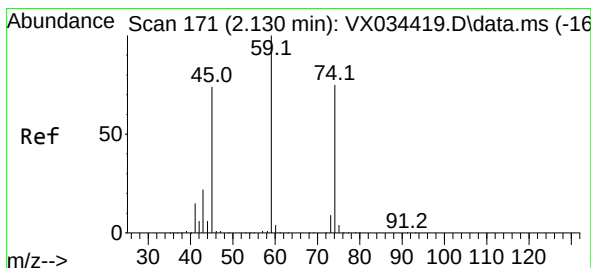
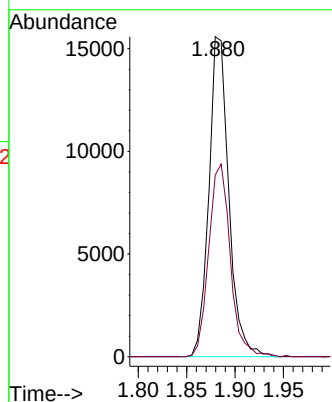
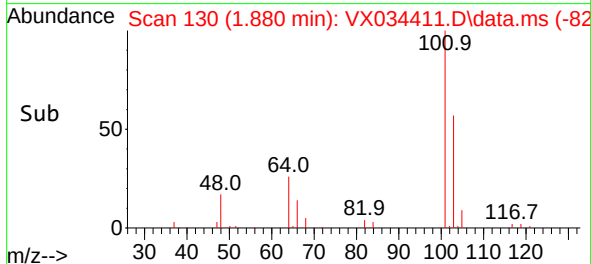
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 22328
Ion Ratio Lower Upper
101 100
103 56.8 52.0 78.0

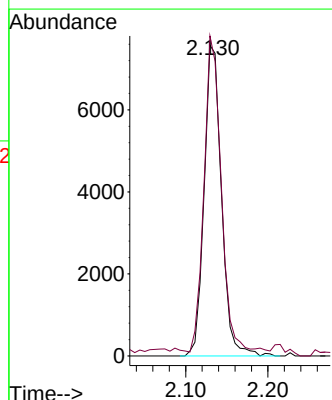
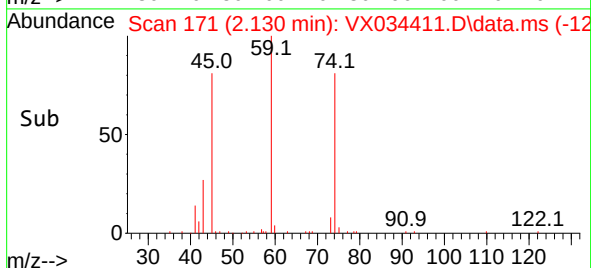
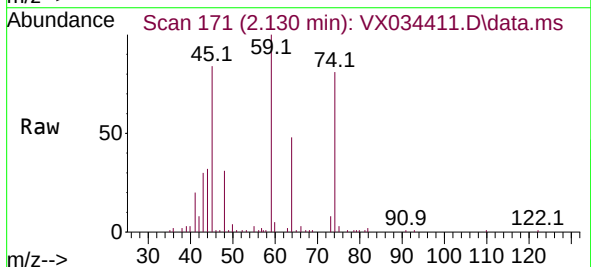
Manual Integrations
APPROVED

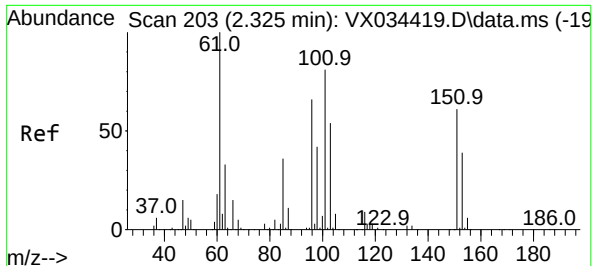
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#8
Diethyl Ether
Concen: 6.107 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 74 Resp: 11102
Ion Ratio Lower Upper
74 100
45 101.8 49.8 149.3





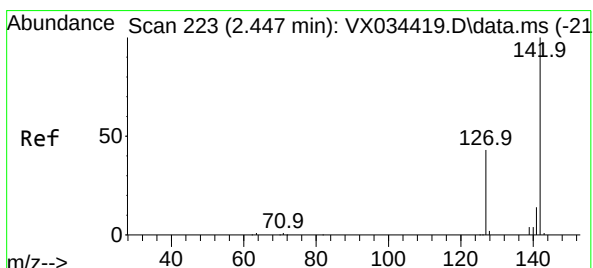
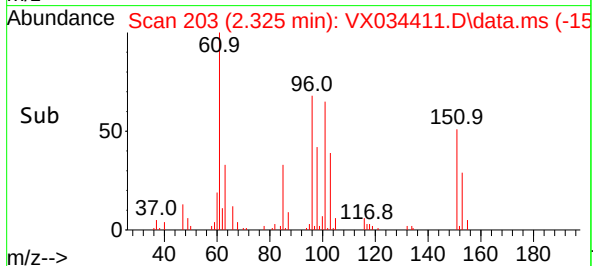
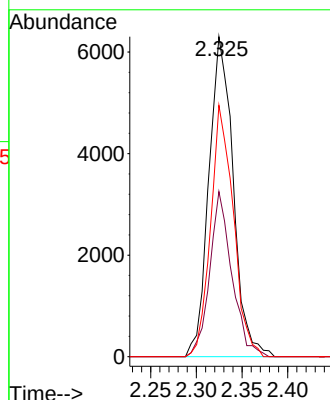
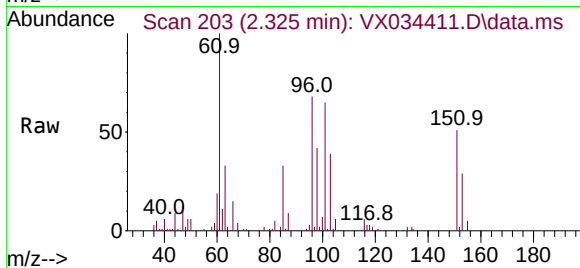
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.954 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11630
Ion Ratio Lower Upper
101 100
85 47.0 35.4 53.2
151 73.6 60.2 90.4

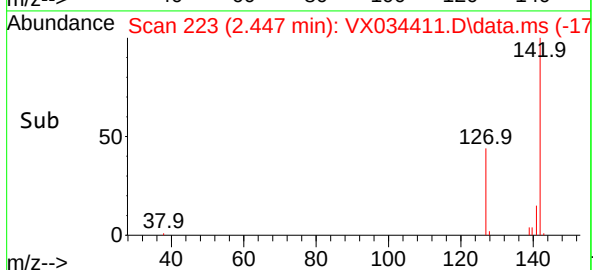
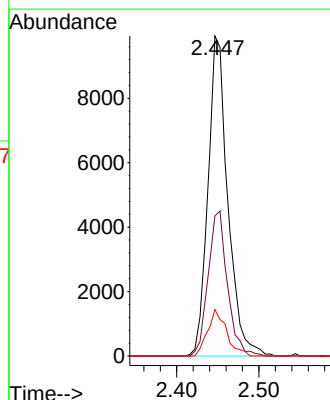
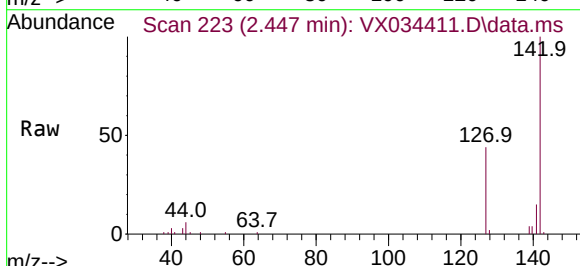
Manual Integrations
APPROVED

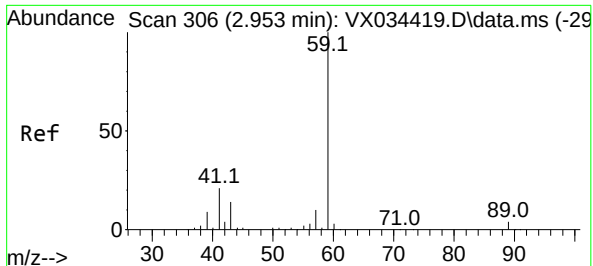
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 4.324 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:142 Resp: 16650
Ion Ratio Lower Upper
142 100
127 44.1 34.0 51.0
141 13.8 11.1 16.7





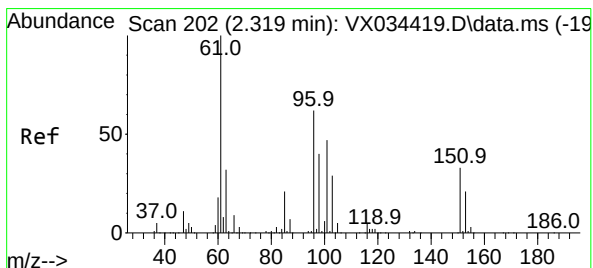
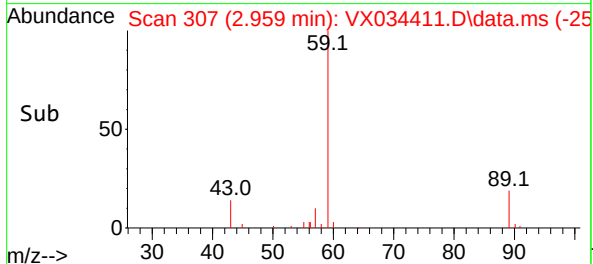
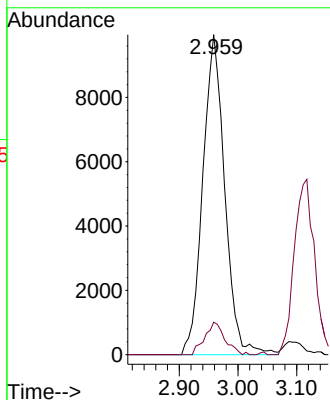
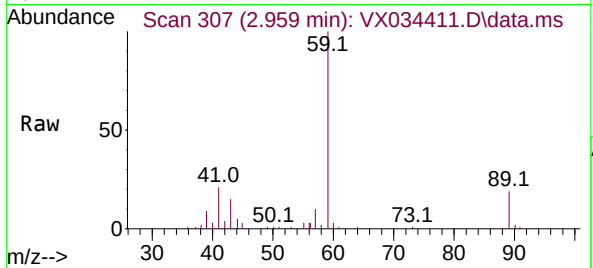
#11
Tert butyl alcohol
Concen: 32.269 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 25794
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1

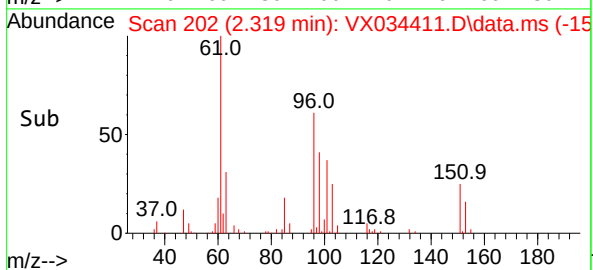
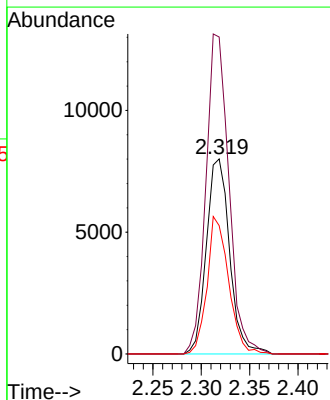
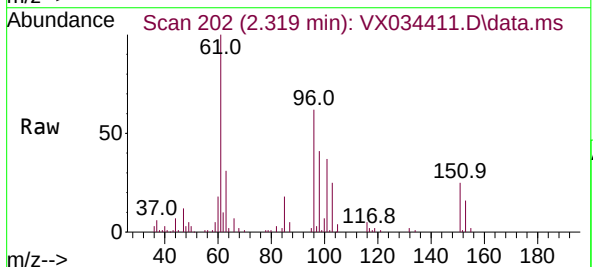
Manual Integrations
APPROVED

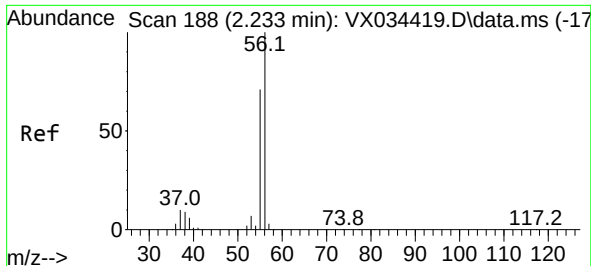
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#12
1,1-Dichloroethene
Concen: 4.653 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

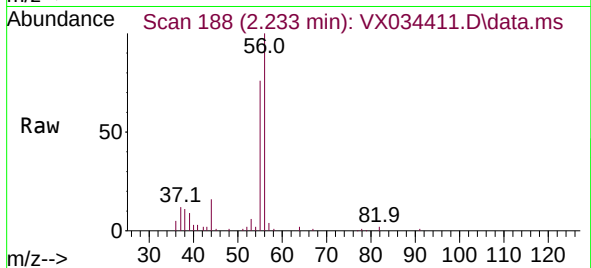
Tgt Ion: 96 Resp: 13403
Ion Ratio Lower Upper
96 100
61 162.4 128.8 193.2
98 65.8 51.4 77.0





#13
Acrolein
Concen: 24.343 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

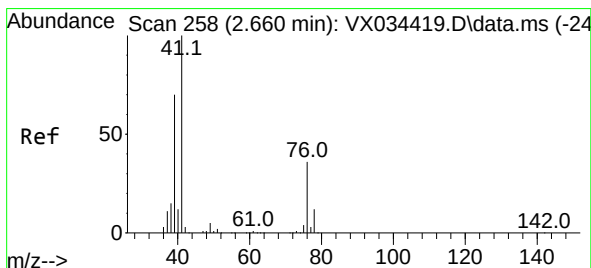
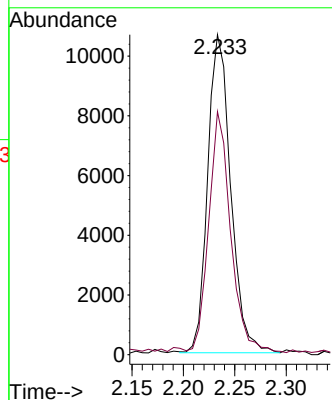
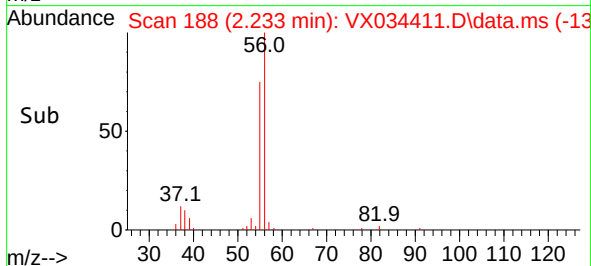
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 16599
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

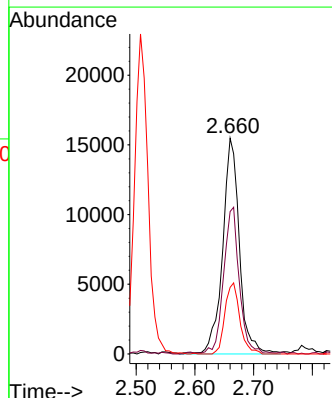
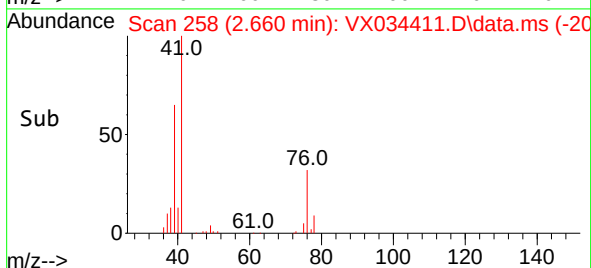
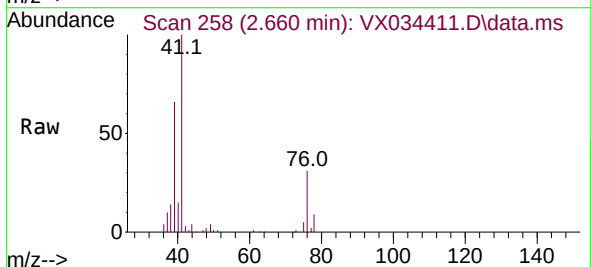
Manual Integrations
APPROVED

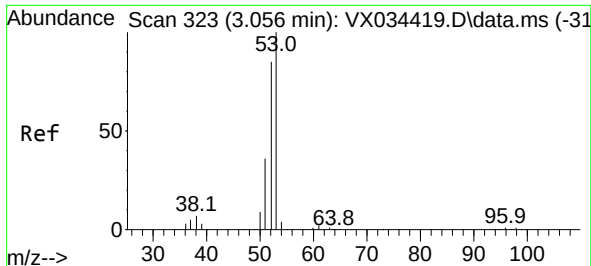
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#14
Allyl chloride
Concen: 5.265 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 41 Resp: 30778
Ion Ratio Lower Upper
41 100
39 62.2 52.4 78.6
76 29.1 26.0 39.0





#15

Acrylonitrile

Concen: 28.422 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

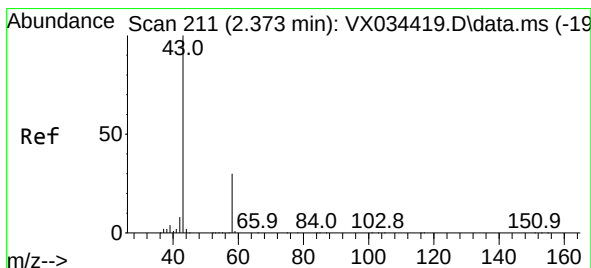
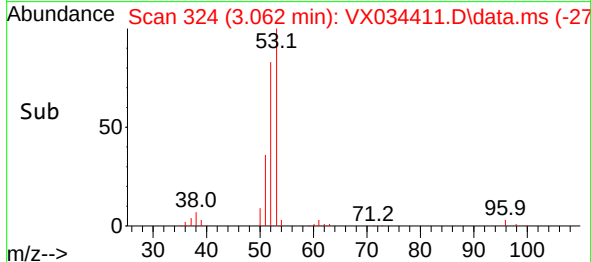
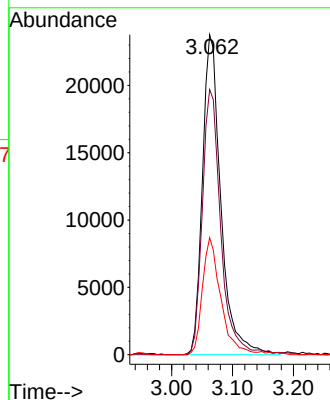
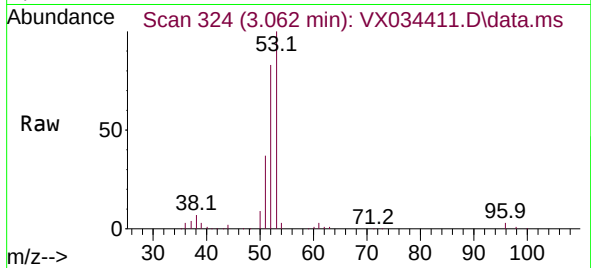
Tgt Ion: 53	Resp: 5001
Ion Ratio	Lower Upper
53	100
52	82.8 66.2 99.2
51	37.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#16

Acetone

Concen: 26.930 ug/l

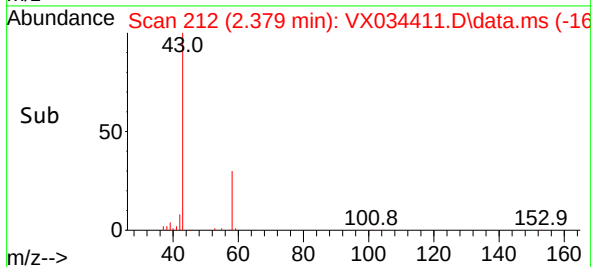
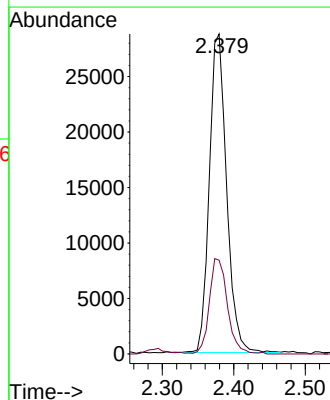
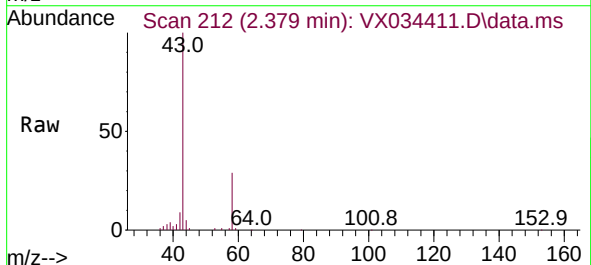
RT: 2.379 min Scan# 212

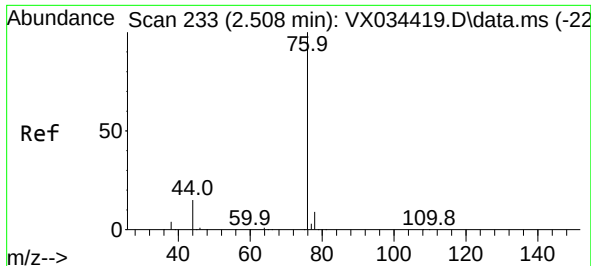
Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion: 43	Resp: 48145
Ion Ratio	Lower Upper
43	100
58	29.4 24.7 37.1





#17

Carbon Disulfide

Concen: 4.169 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 36290

Ion Ratio Lower Upper

76 100

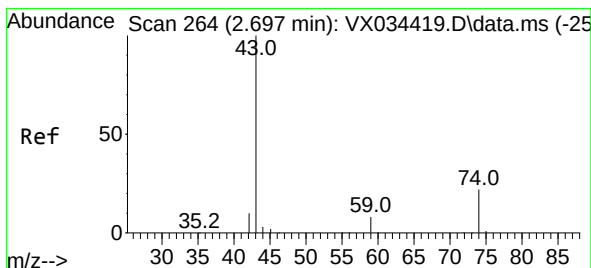
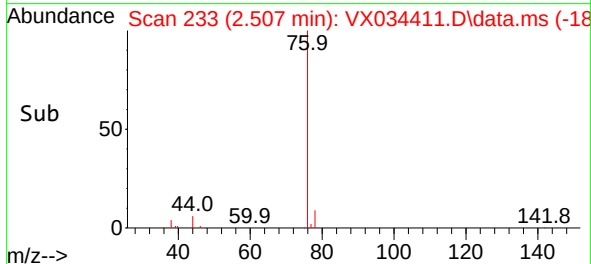
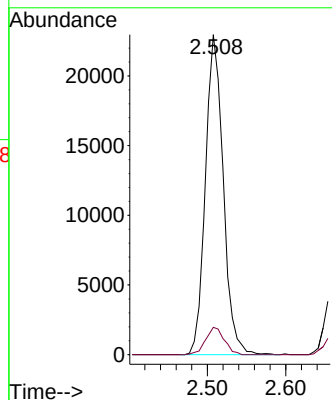
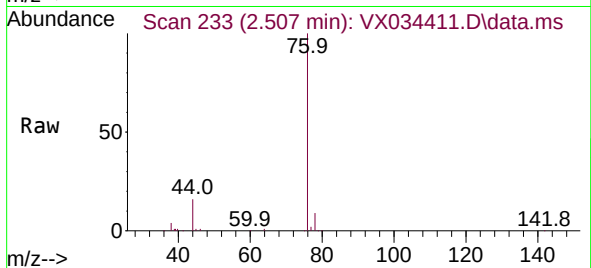
78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#18

Methyl Acetate

Concen: 5.781 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034411.D

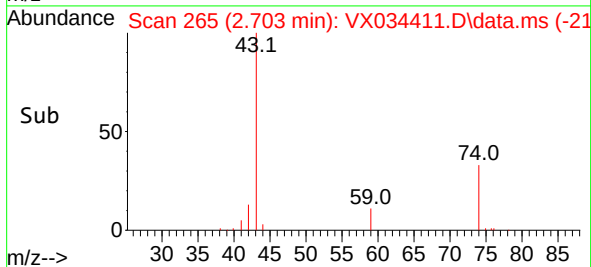
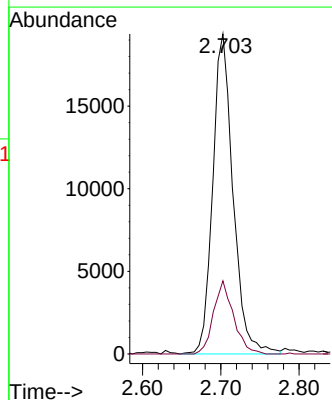
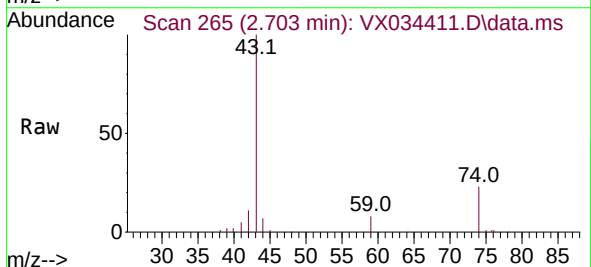
Acq: 10 Mar 2023 10:50

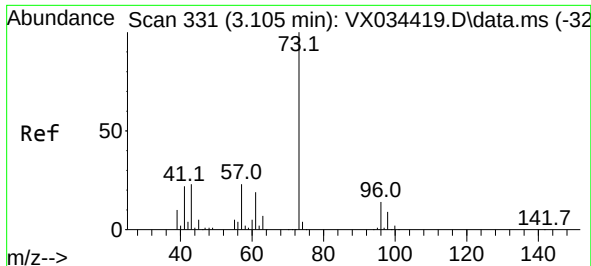
Tgt Ion: 43 Resp: 34977

Ion Ratio Lower Upper

43 100

74 22.5 18.3 27.5





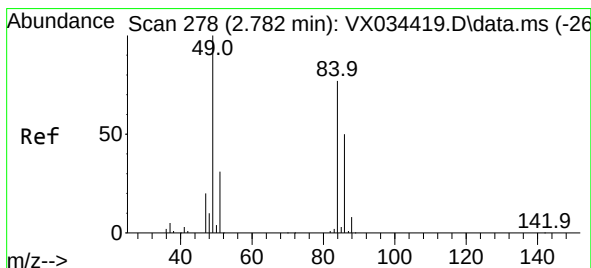
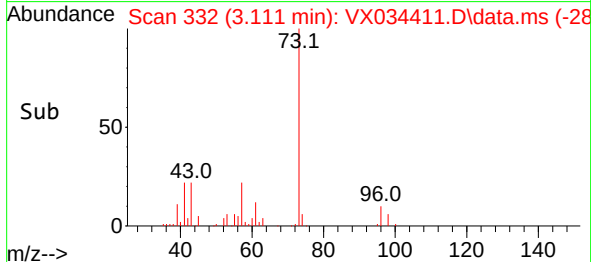
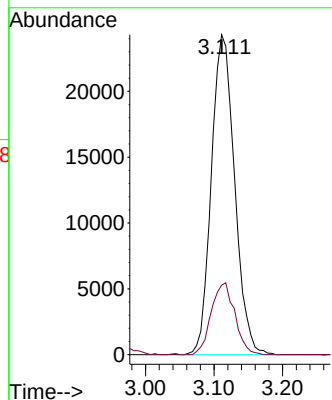
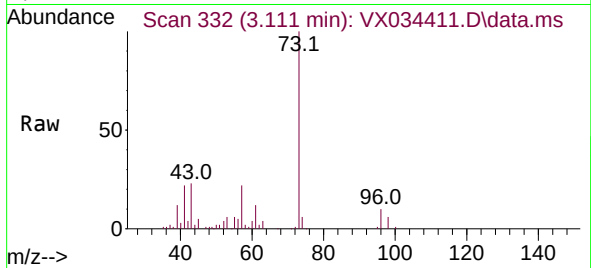
#19
Methyl tert-butyl Ether
Concen: 5.460 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5725
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

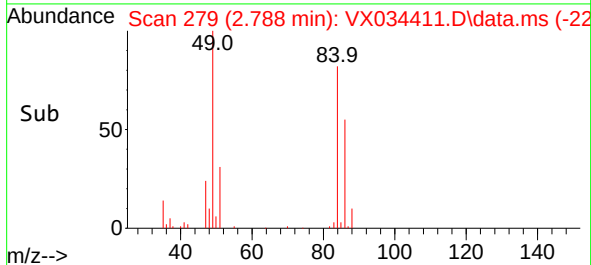
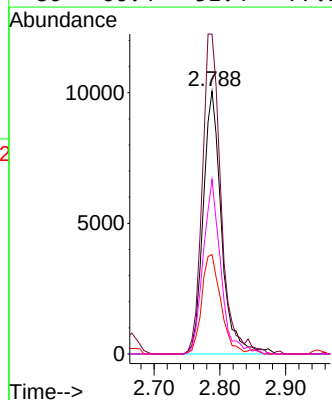
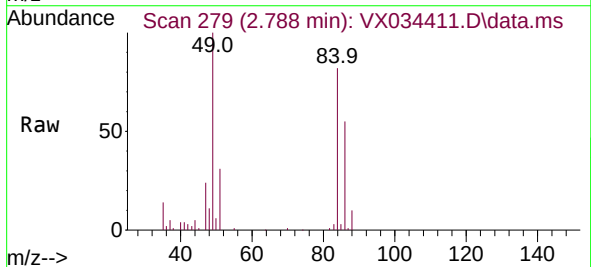
Manual Integrations
APPROVED

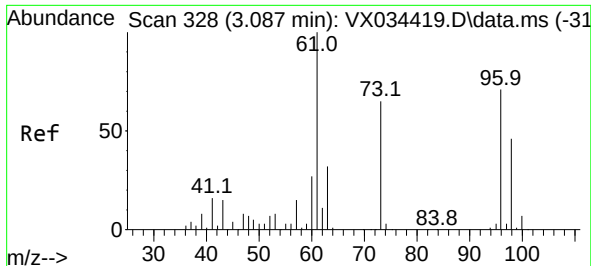
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 5.429 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

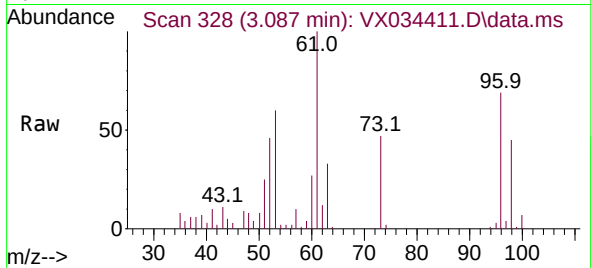
Tgt Ion: 84 Resp: 19475
Ion Ratio Lower Upper
84 100
49 121.7 103.8 155.8
51 37.8 31.8 47.8
86 66.4 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 4.751 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

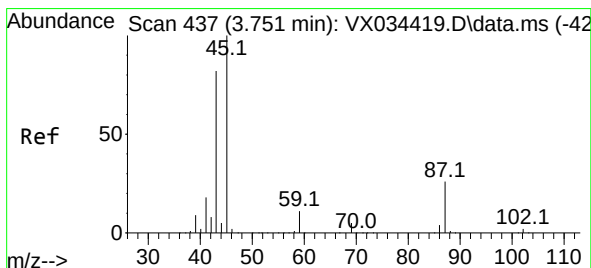
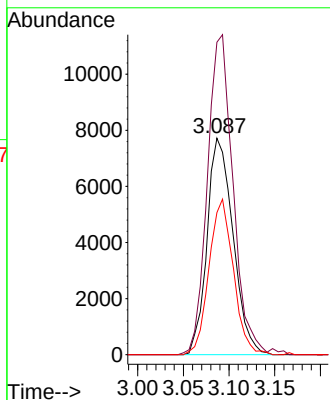
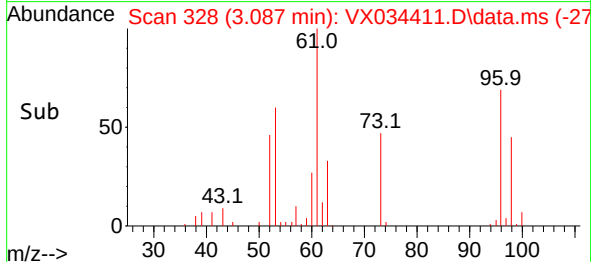
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



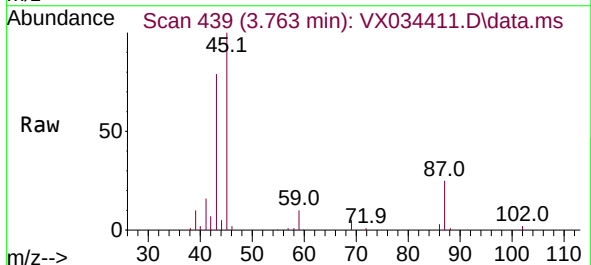
Tgt Ion: 96 Resp: 15318
Ion Ratio Lower Upper
96 100
61 144.3 113.0 169.6
98 65.6 52.1 78.1

Manual Integrations
APPROVED

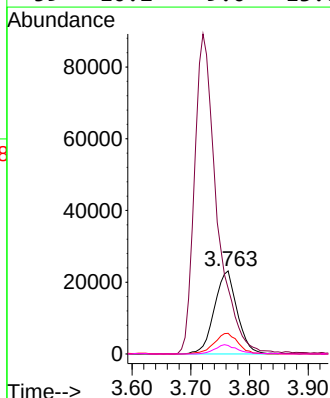
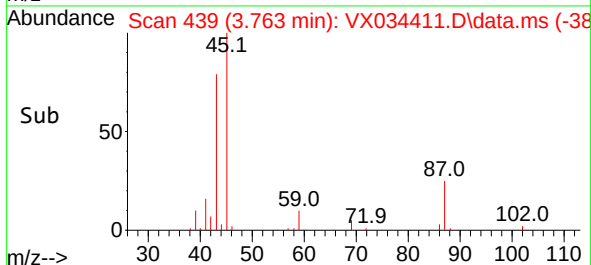
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

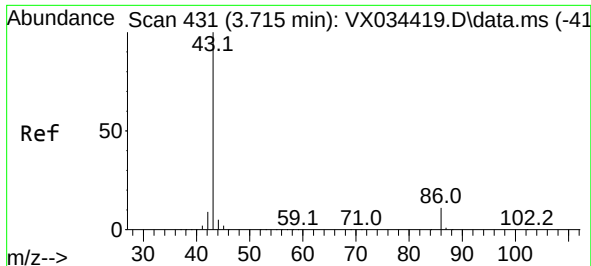


#22
Diisopropyl ether
Concen: 5.557 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.012 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50



Tgt Ion: 45 Resp: 62305
Ion Ratio Lower Upper
45 100
43 78.3 65.4 98.2
87 24.8 20.6 31.0
59 10.2 9.0 13.6





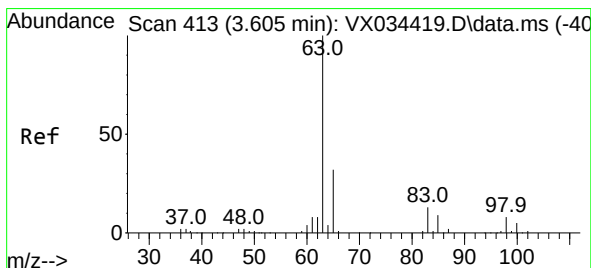
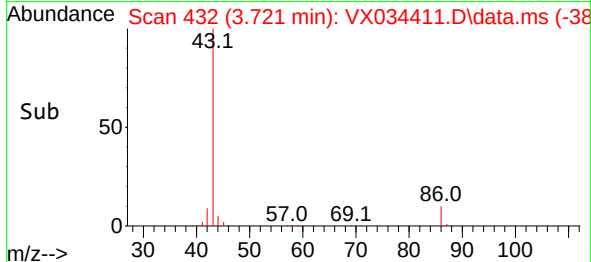
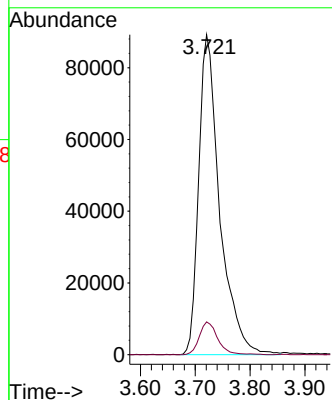
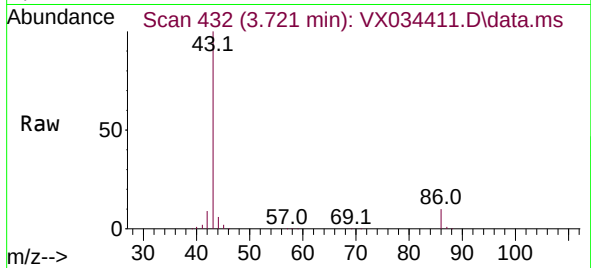
#23
 Vinyl Acetate
 Concen: 28.001 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 23774
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

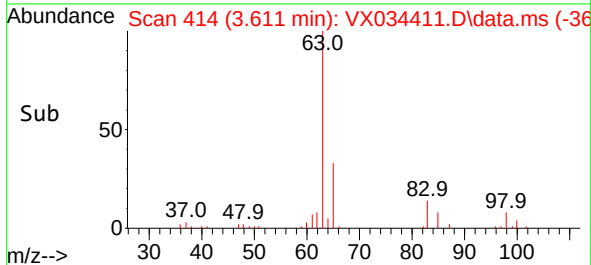
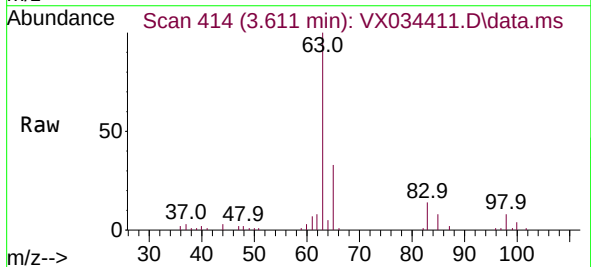
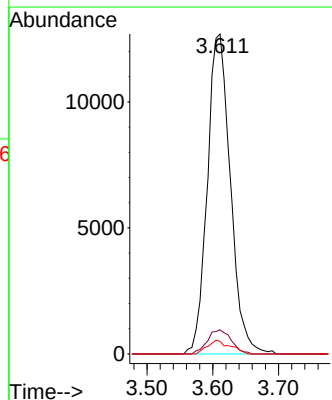
Manual Integrations
 APPROVED

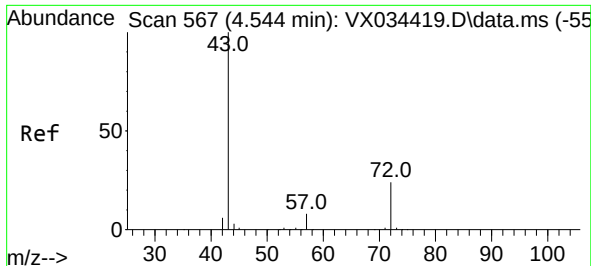
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 5.164 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

Tgt Ion: 63 Resp: 31000
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.0 2.4 7.1





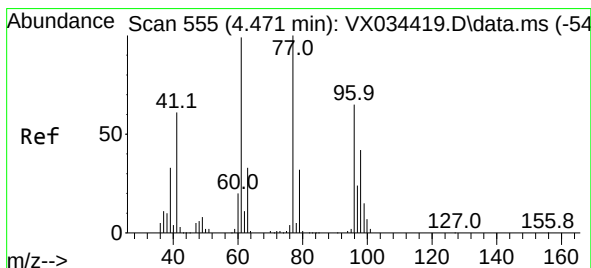
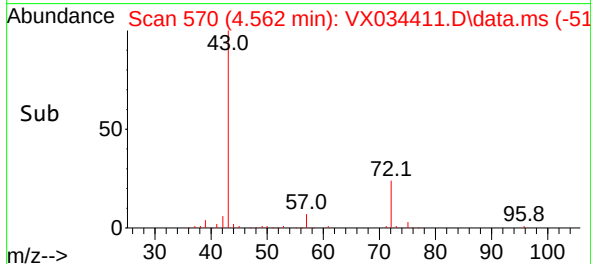
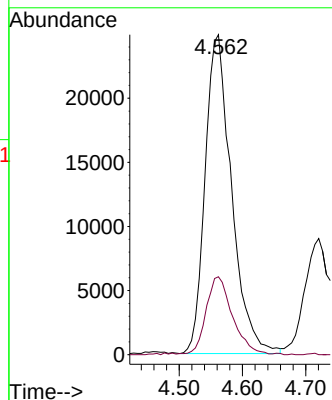
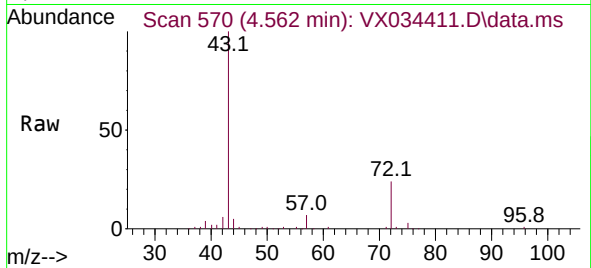
#25
2-Butanone
Concen: 27.444 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 72134
Ion Ratio Lower Upper
43 100
72 24.1 19.3 28.9

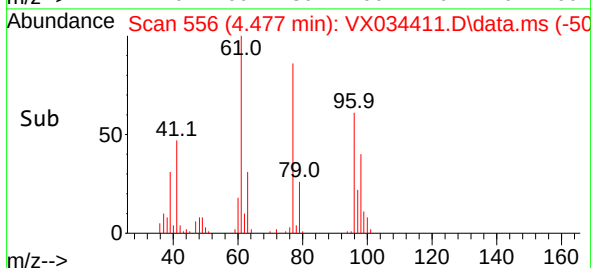
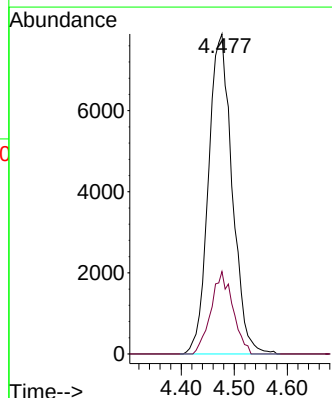
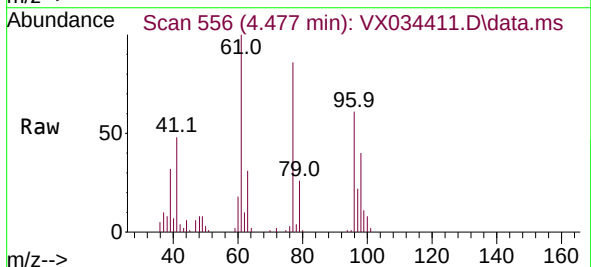
Manual Integrations
APPROVED

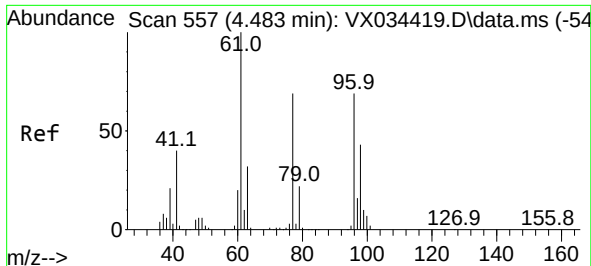
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 4.694 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 77 Resp: 24509
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.198 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 19714

Ion Ratio Lower Upper

96 100

61 152.3 0.0 300.4

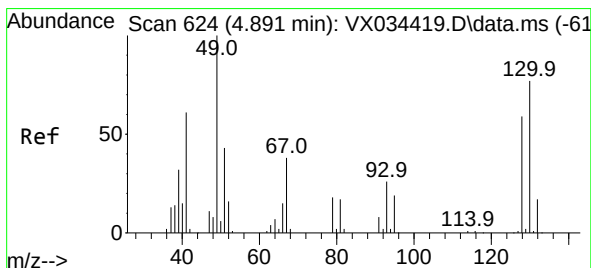
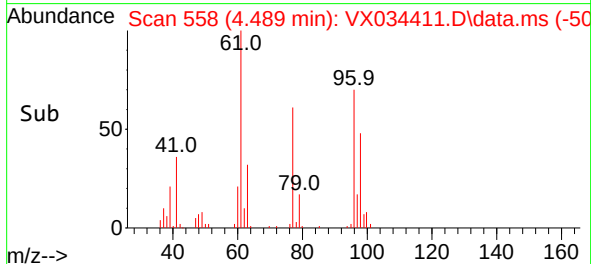
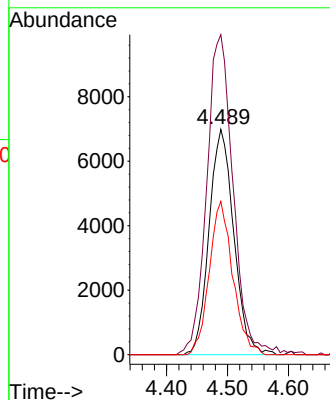
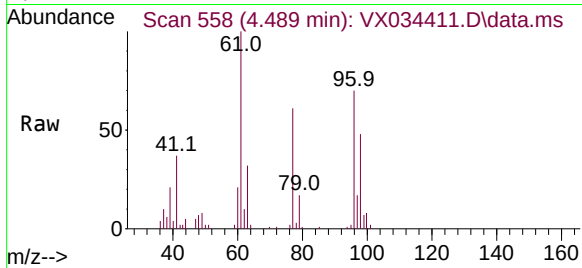
98 64.9 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#28

Bromochloromethane

Concen: 5.579 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

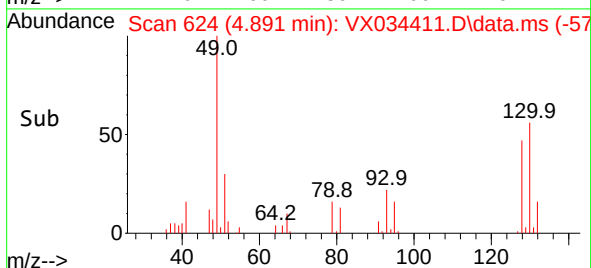
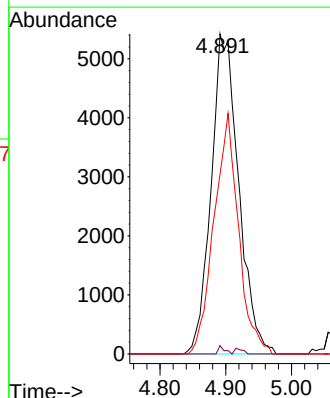
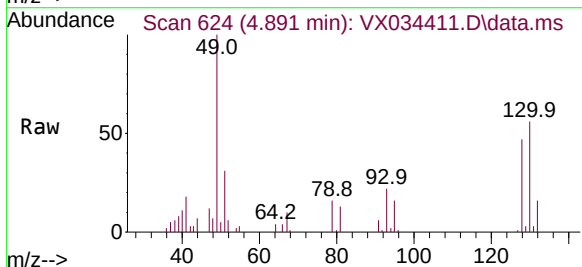
Tgt Ion: 49 Resp: 15808

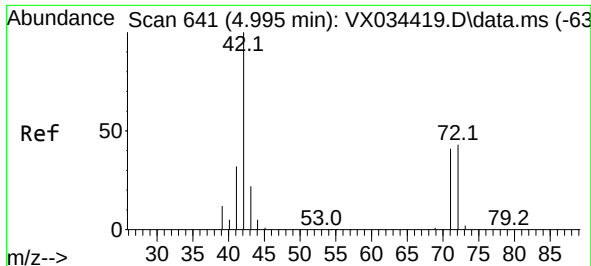
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.0

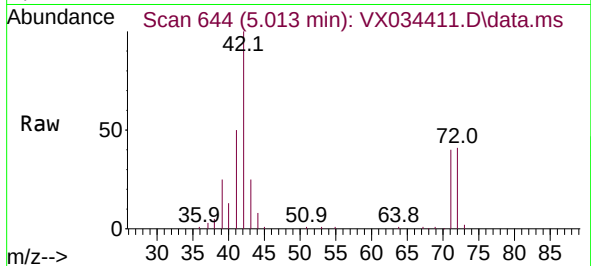
130 0.0 58.2 87.2#





#29
Tetrahydrofuran
Concen: 28.018 ug/l
RT: 5.013 min Scan# 641
Delta R.T. 0.018 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

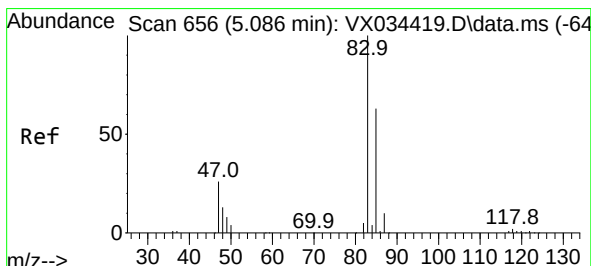
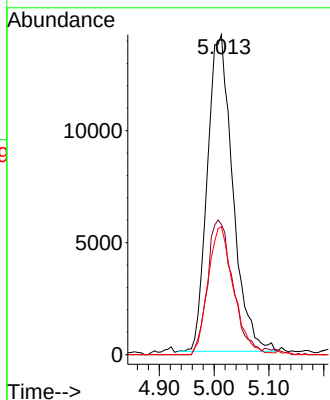
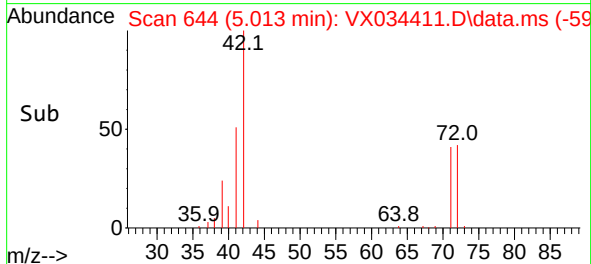
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 42 Resp: 45490
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 40.8 32.1 48.1

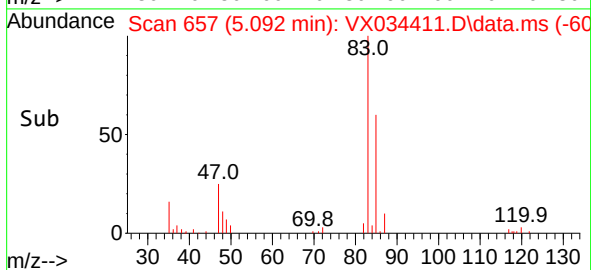
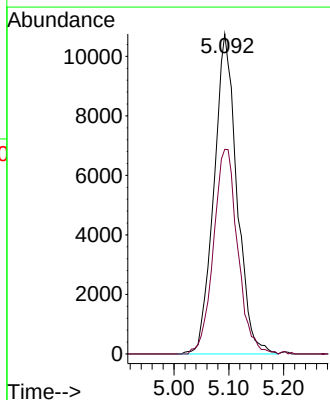
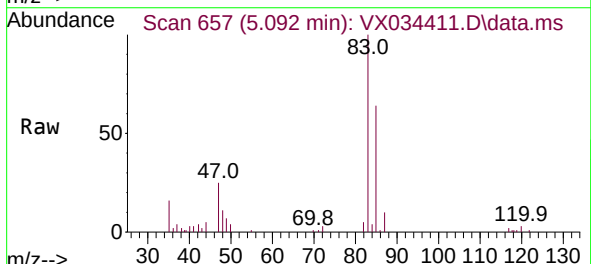
Manual Integrations
APPROVED

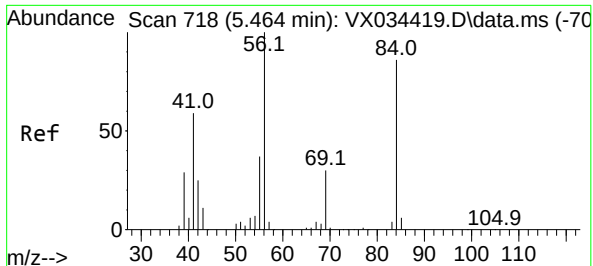
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#30
Chloroform
Concen: 5.198 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 83 Resp: 31381
Ion Ratio Lower Upper
83 100
85 63.9 50.6 76.0





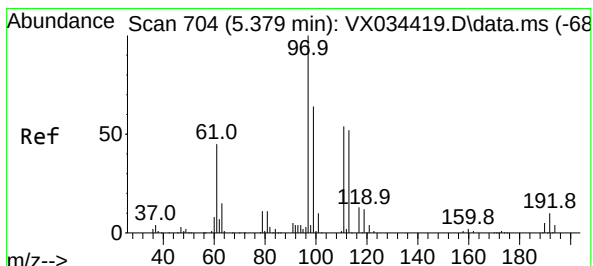
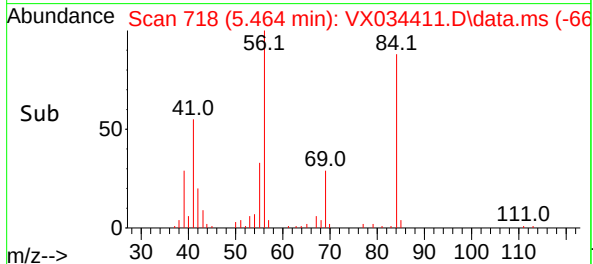
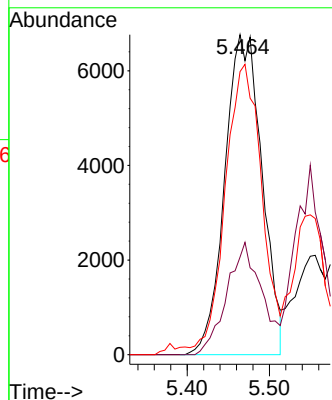
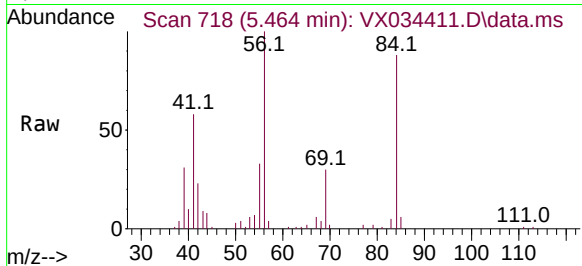
#31
Cyclohexane
Concen: 3.947 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 21249
Ion Ratio Lower Upper
56 100
69 30.5 23.7 35.5
84 86.2 68.5 102.7

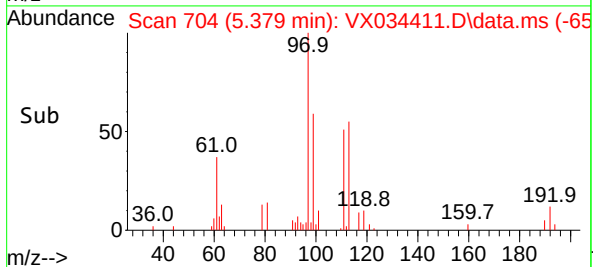
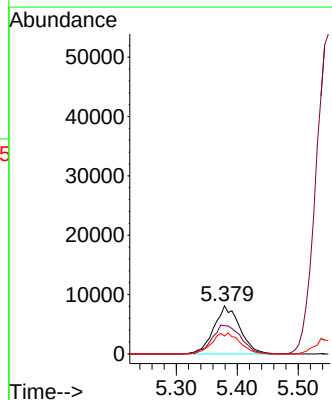
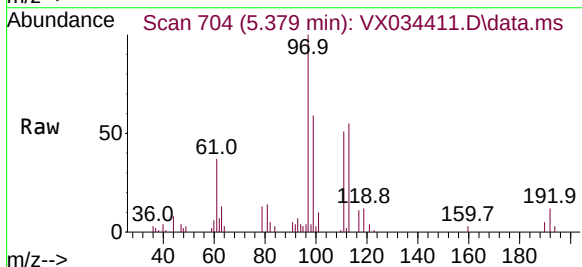
Manual Integrations
APPROVED

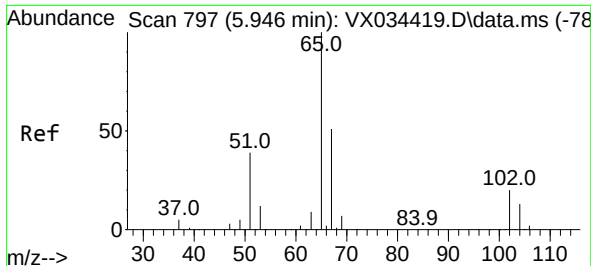
Reviewed By :John Carbone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#32
1,1,1-Trichloroethane
Concen: 4.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 97 Resp: 23986
Ion Ratio Lower Upper
97 100
99 66.4 51.1 76.7
61 46.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 5.070 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1946

Ion Ratio Lower Upper

65 100

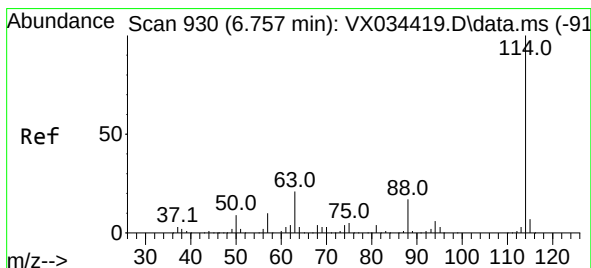
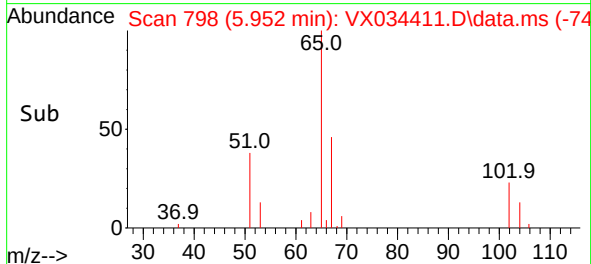
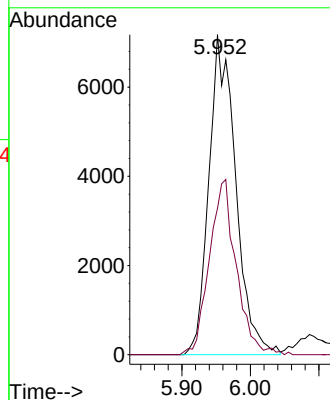
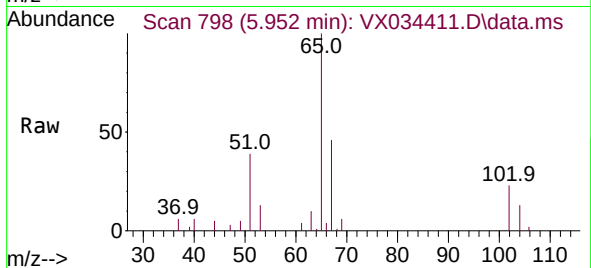
67 54.9 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

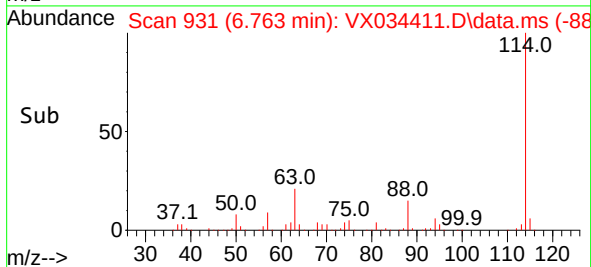
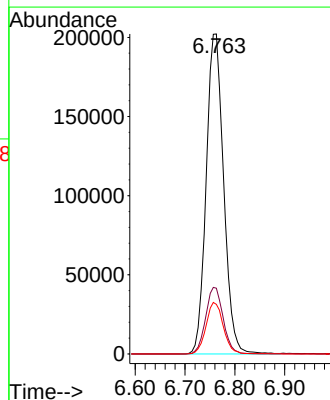
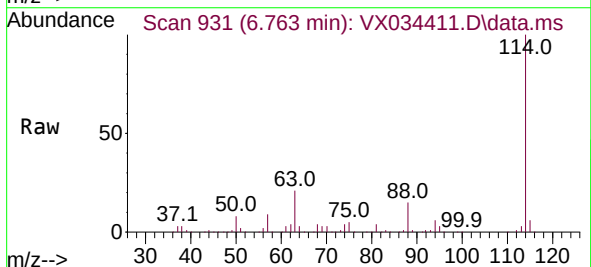
Tgt Ion:114 Resp: 491702

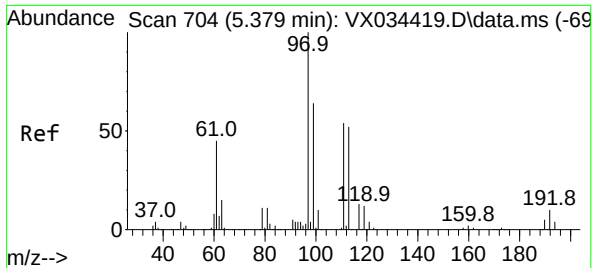
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

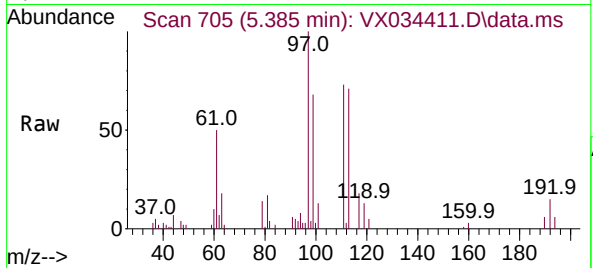
88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 4.558 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

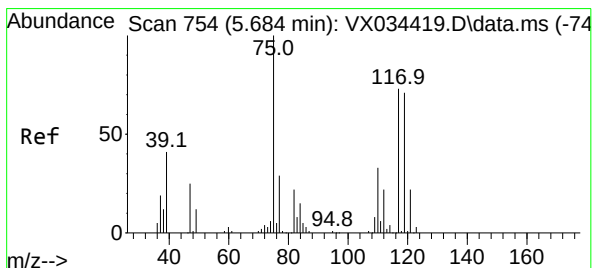
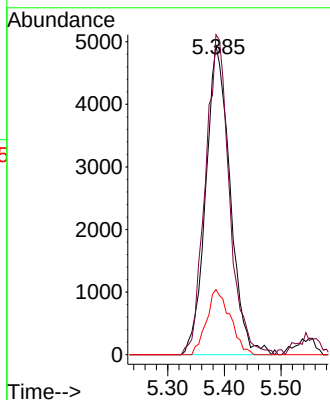
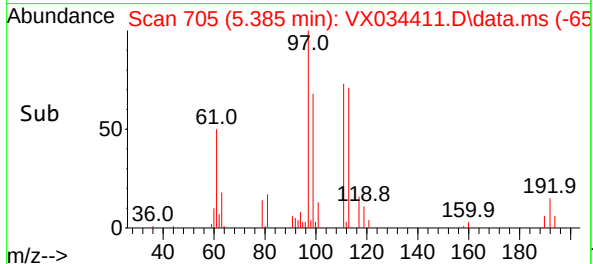
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 113 Resp: 1479
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.3 15.4 23.2

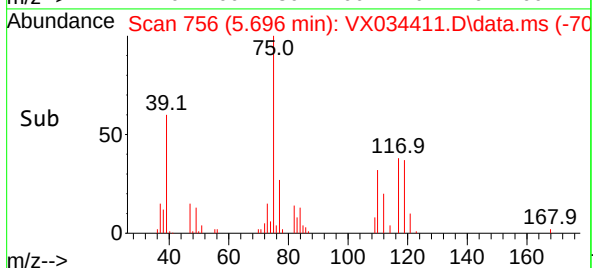
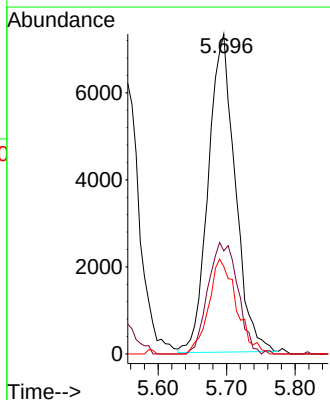
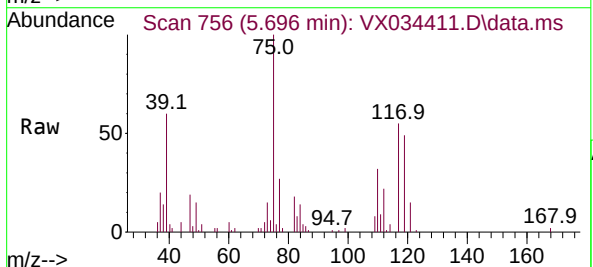
Manual Integrations
APPROVED

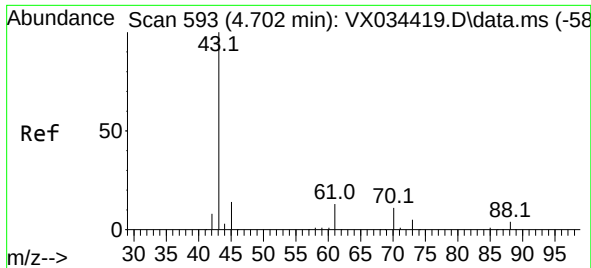
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#36
1,1-Dichloropropene
Concen: 4.013 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 75 Resp: 19903
Ion Ratio Lower Upper
75 100
110 38.6 17.5 52.5
77 30.7 24.3 36.5





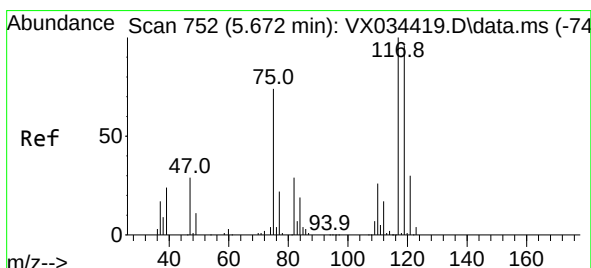
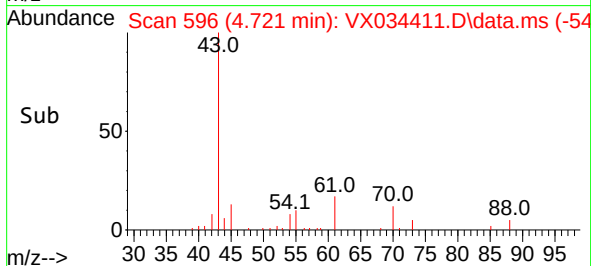
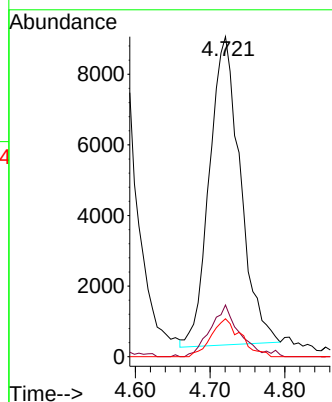
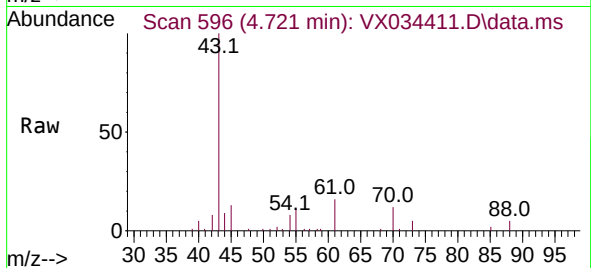
#37
Ethyl Acetate
Concen: 4.540 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.018 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 25098
Ion Ratio Lower Upper
43 100
61 16.0 10.2 15.4
70 11.8 8.2 12.4

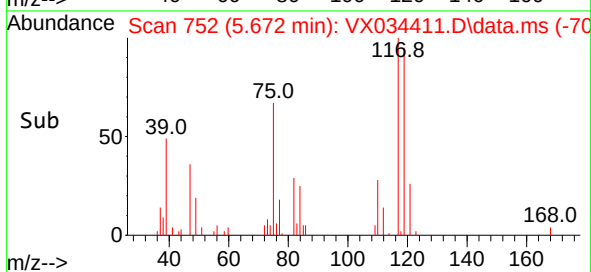
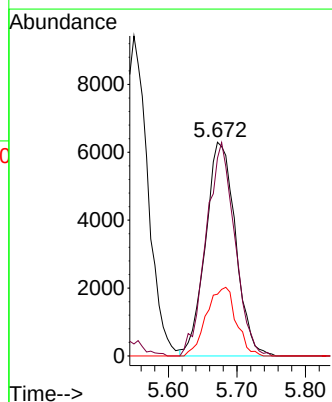
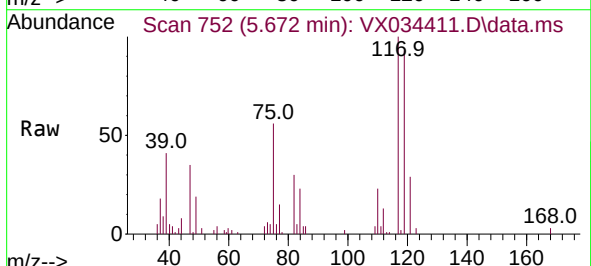
Manual Integrations
APPROVED

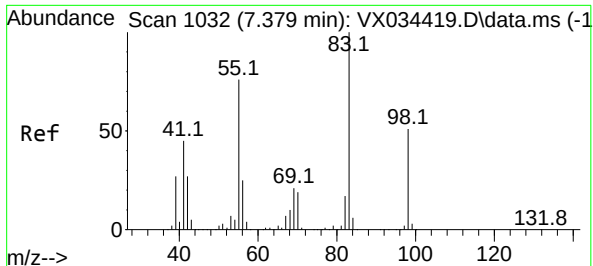
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 3.914 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:117 Resp: 19174
Ion Ratio Lower Upper
117 100
119 92.6 76.6 114.8
121 28.9 23.8 35.6





#39

Methylcyclohexane

Concen: 3.308 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 19530

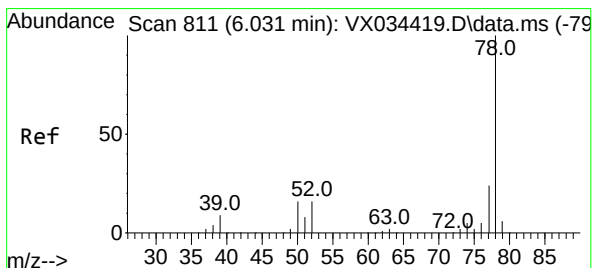
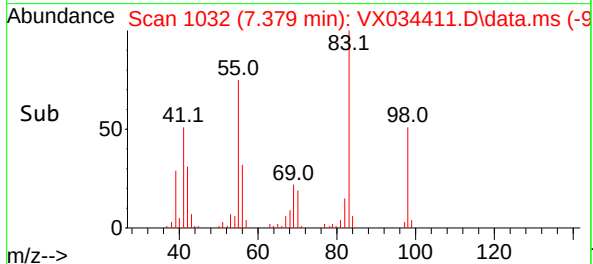
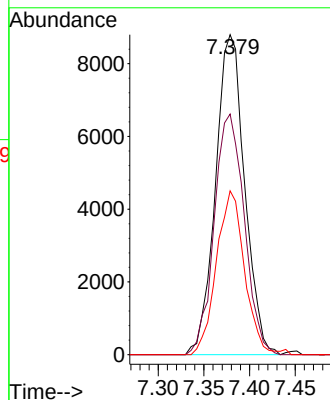
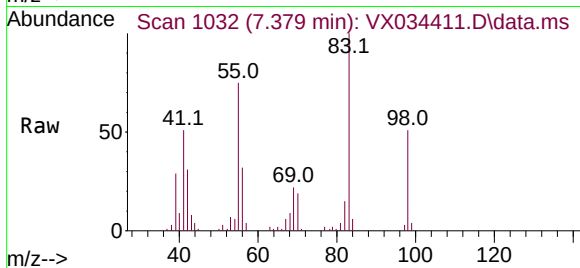
Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.5	90.7
98	51.2	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 4.878 ug/l

RT: 6.037 min Scan# 812

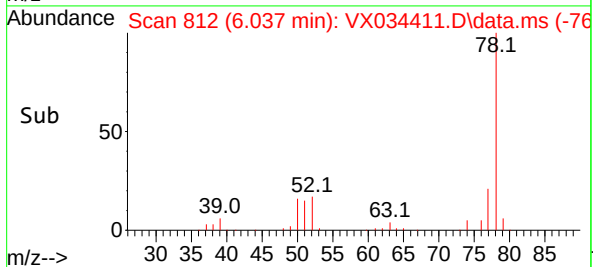
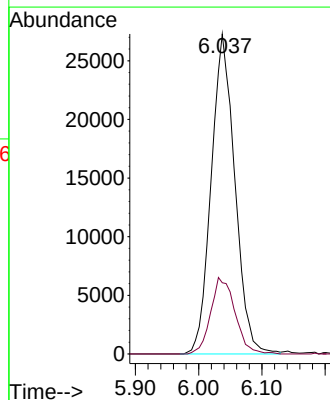
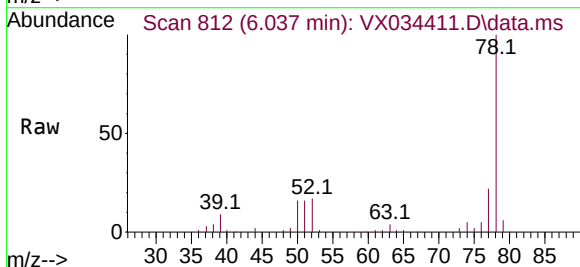
Delta R.T. 0.006 min

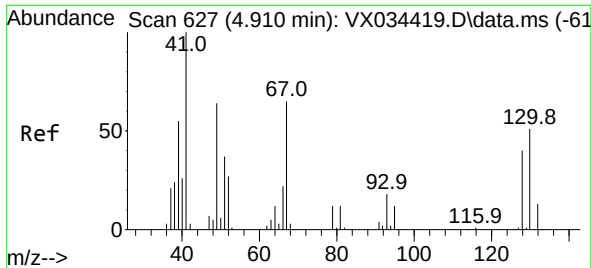
Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion: 78 Resp: 70838

Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4





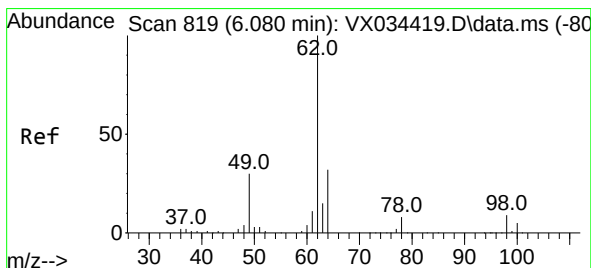
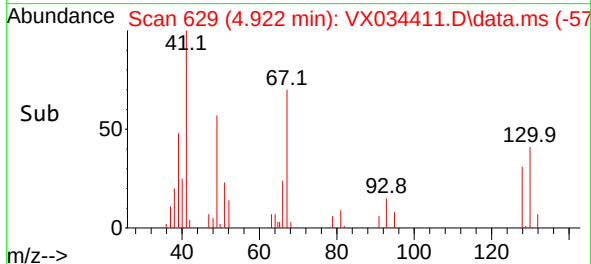
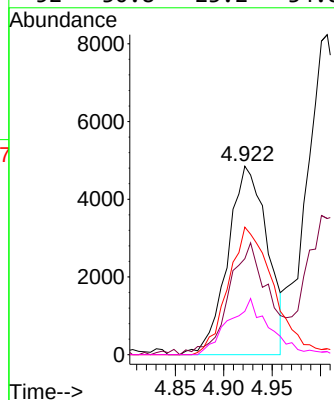
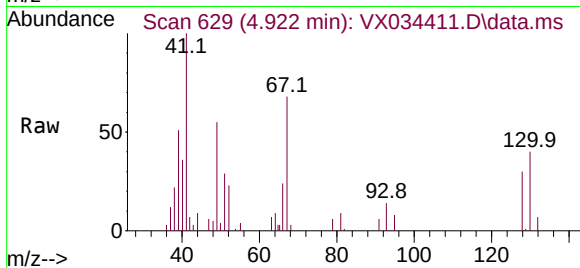
#41
Methacrylonitrile
Concen: 4.639 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 13834
Ion Ratio Lower Upper
41 100
39 59.2 45.0 67.6
67 78.3 55.6 83.4
52 30.8 23.2 34.8

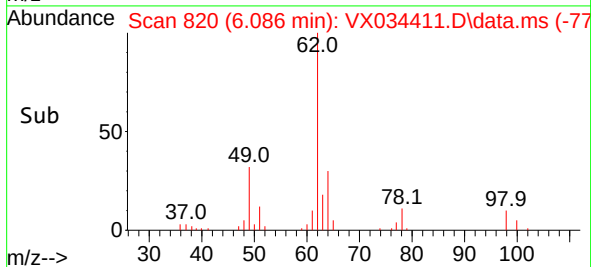
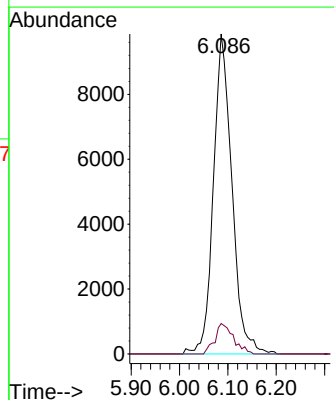
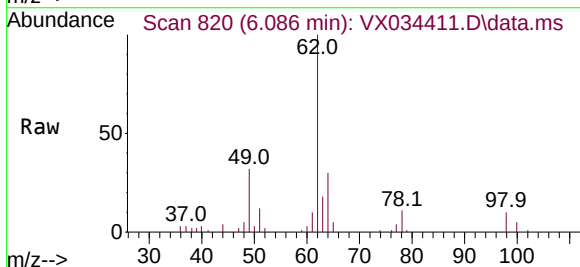
Manual Integrations
APPROVED

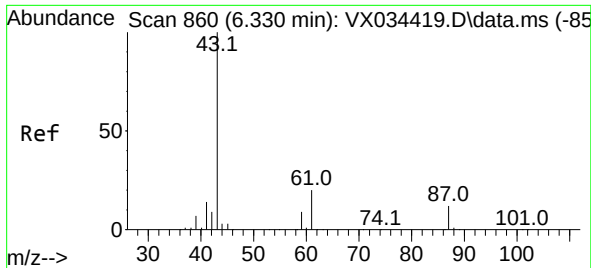
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 4.883 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 62 Resp: 26241
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.0





#43

Isopropyl Acetate

Concen: 5.037 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

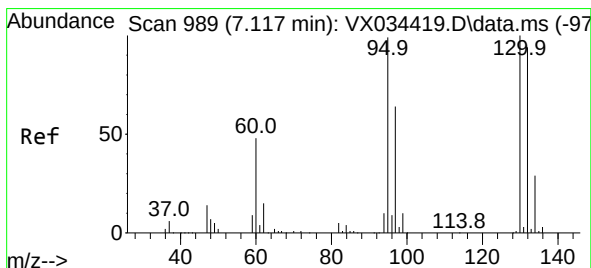
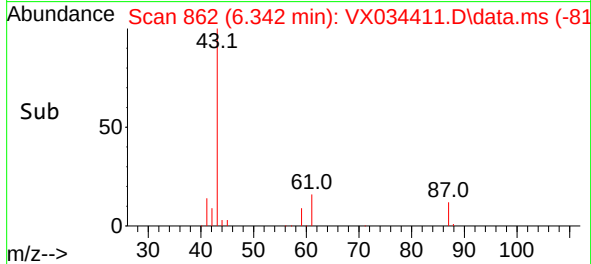
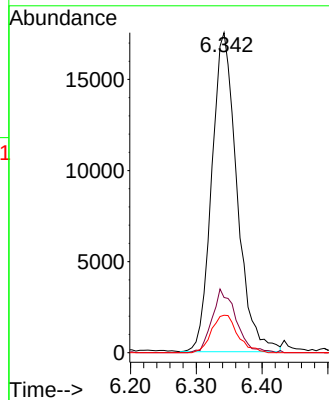
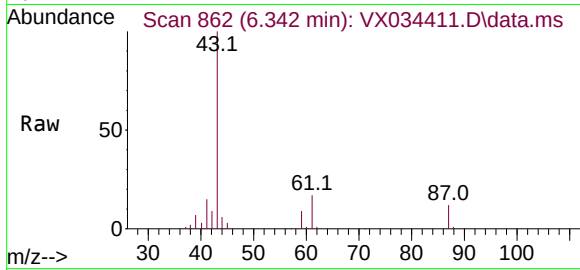
Tgt Ion: 43	Resp: 46678
Ion Ratio	Lower Upper
43 100	
61 18.9	15.2 22.8
87 12.2	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#44

Trichloroethene

Concen: 4.481 ug/l

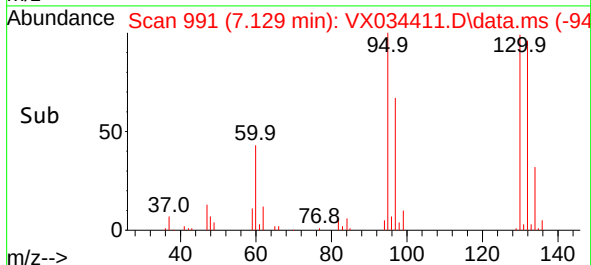
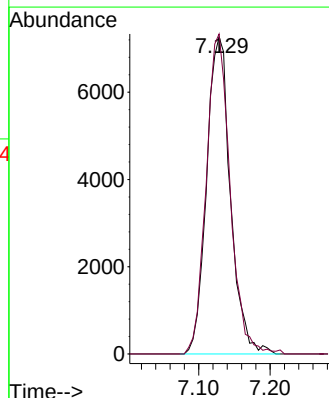
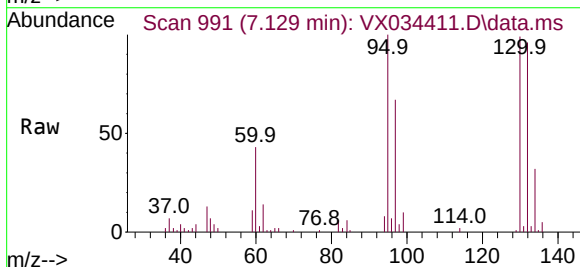
RT: 7.129 min Scan# 991

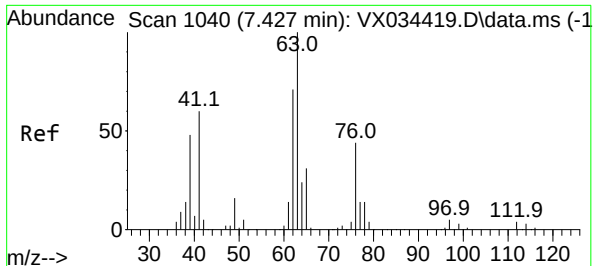
Delta R.T. 0.012 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:130	Resp: 16825
Ion Ratio	Lower Upper
130 100	
95 101.0	0.0 198.4





#45

1,2-Dichloropropane

Concen: 4.926 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 18738

Ion Ratio Lower Upper

63 100

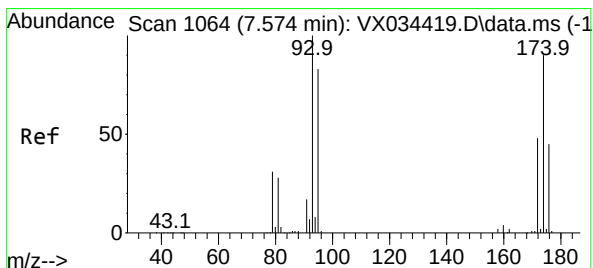
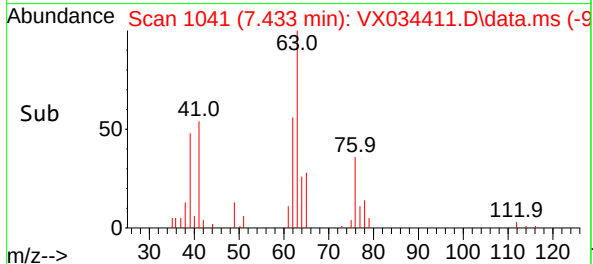
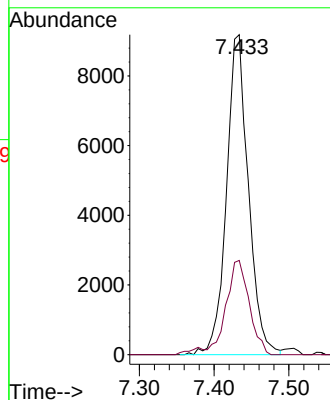
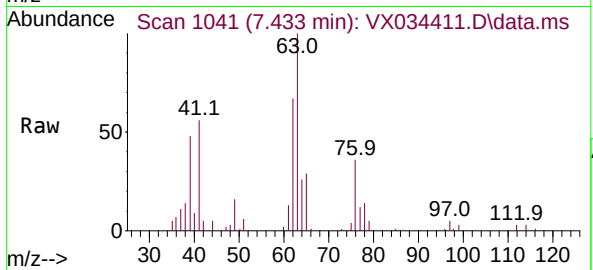
65 29.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 4.839 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

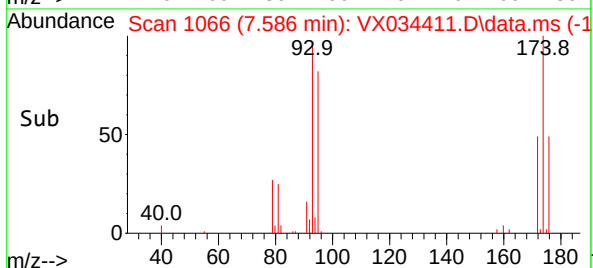
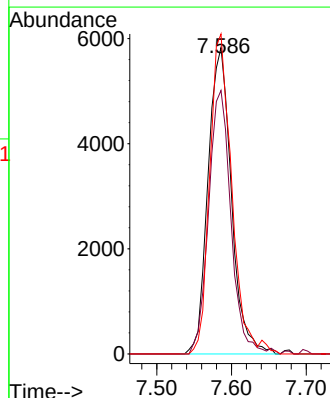
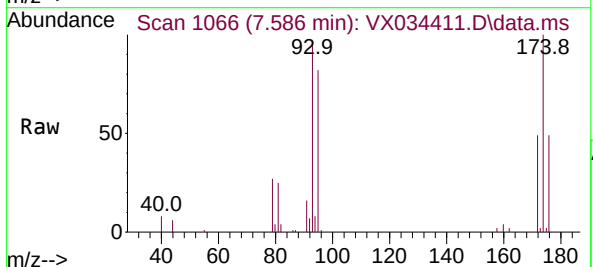
Tgt Ion: 93 Resp: 12628

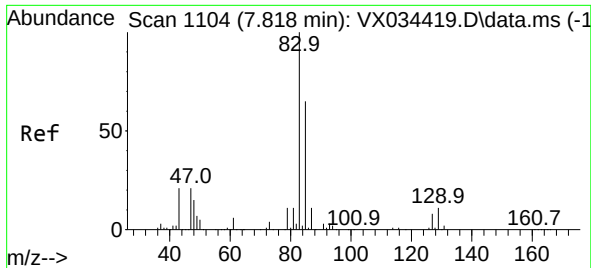
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 98.8 75.4 113.0





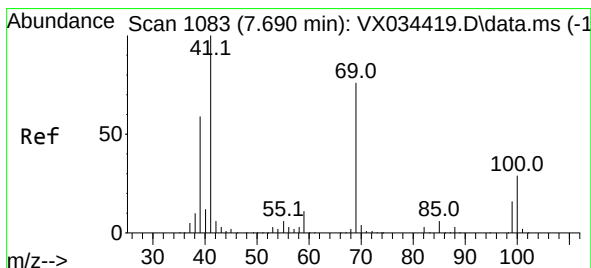
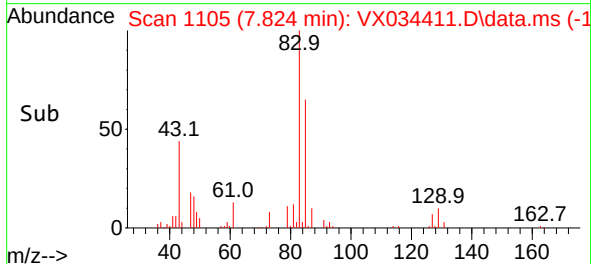
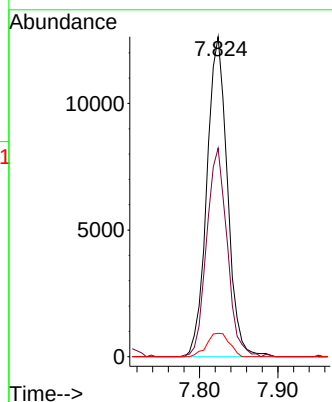
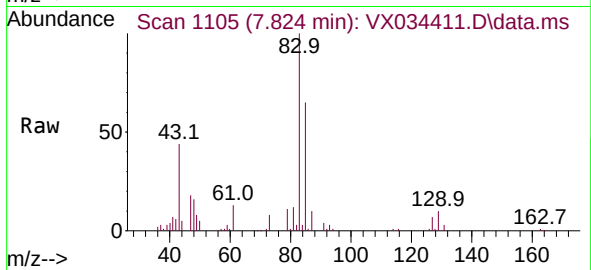
#47
Bromodichloromethane
Concen: 4.559 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 2300
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 7.3 6.6 9.8

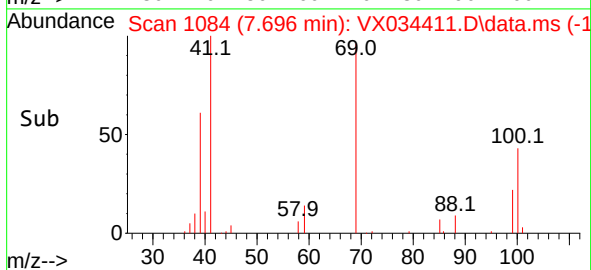
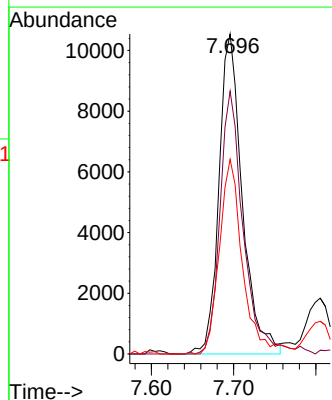
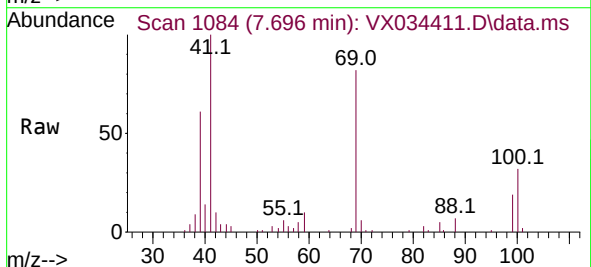
Manual Integrations
APPROVED

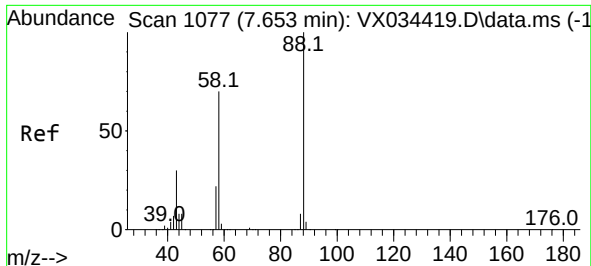
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 4.678 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

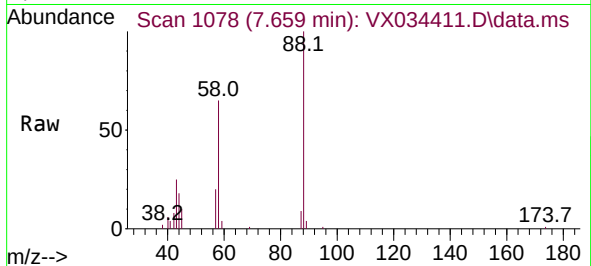
Tgt Ion: 41 Resp: 20832
Ion Ratio Lower Upper
41 100
69 81.7 62.2 93.4
39 60.9 47.7 71.5





#49
1,4-Dioxane
Concen: 106.726 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

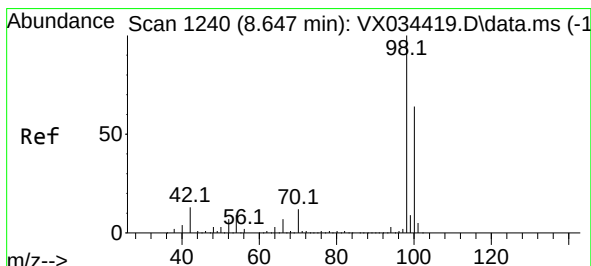
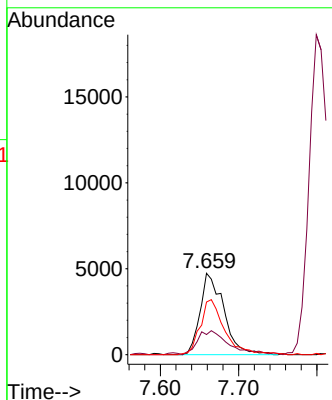
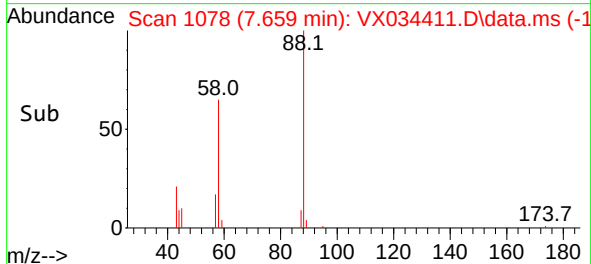
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 995
Ion Ratio Lower Upper
88 100
43 38.8 27.7 41.5
58 69.6 56.8 85.2

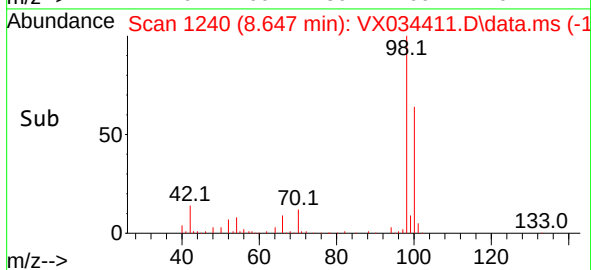
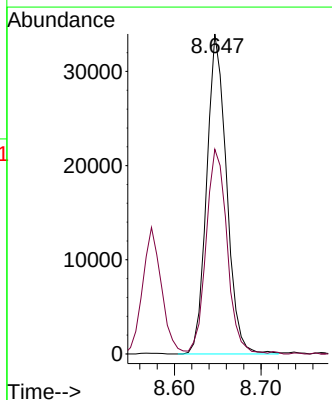
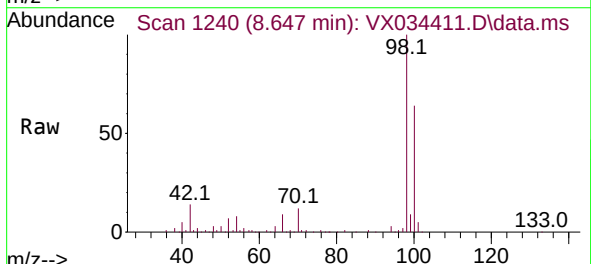
Manual Integrations
APPROVED

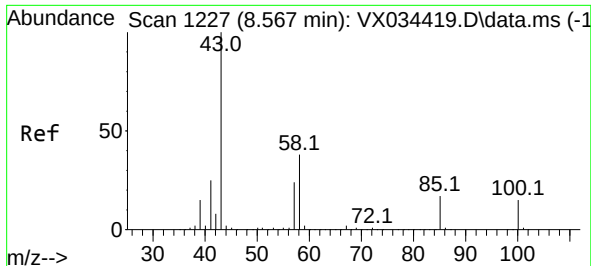
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#50
Toluene-d8
Concen: 4.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 98 Resp: 53970
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 25.937 ug/l
RT: 8.573 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

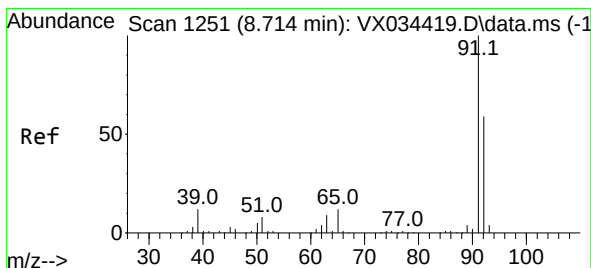
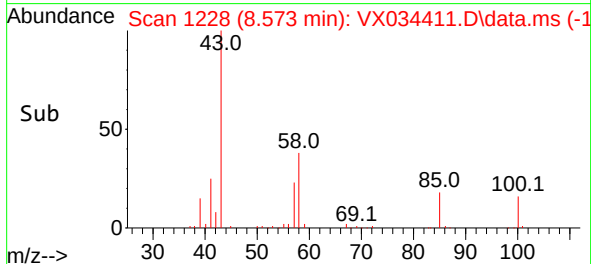
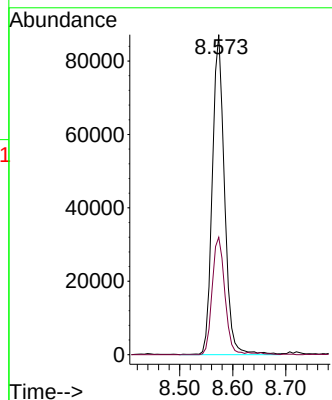
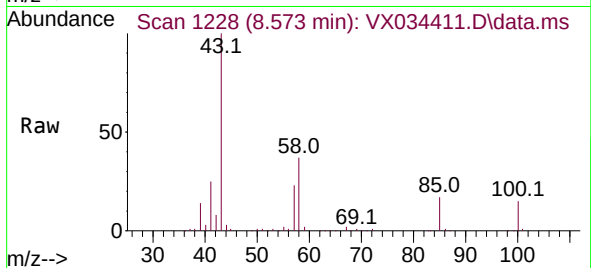
VSTDIC005

Tgt Ion: 43 Resp: 13963
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0

Manual Integrations

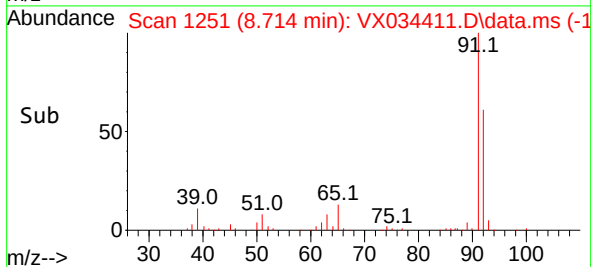
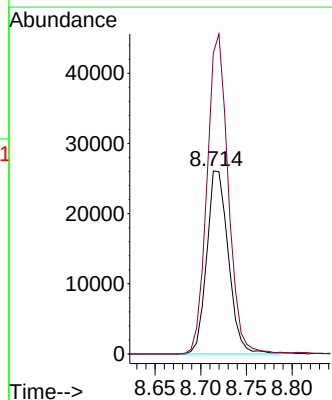
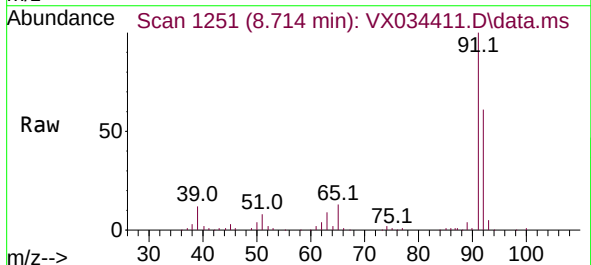
APPROVED

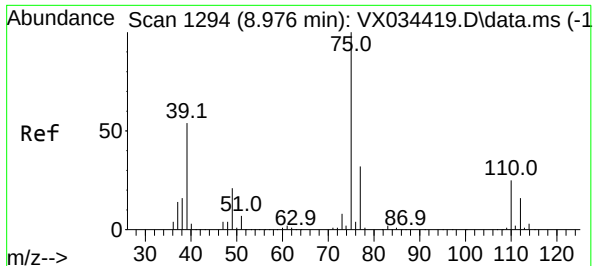
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 4.740 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

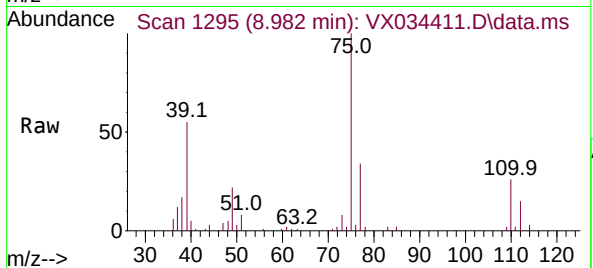
Tgt Ion: 92 Resp: 42905
Ion Ratio Lower Upper
92 100
91 171.7 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 4.412 ug/l
 RT: 8.982 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

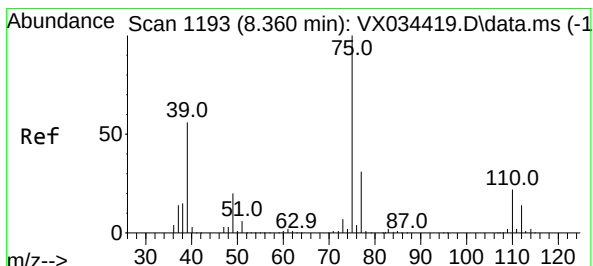
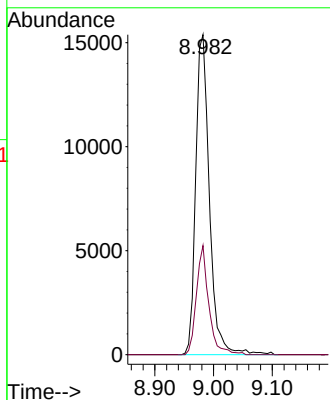
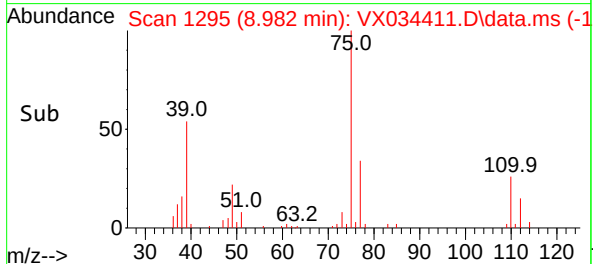
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 2496
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.2

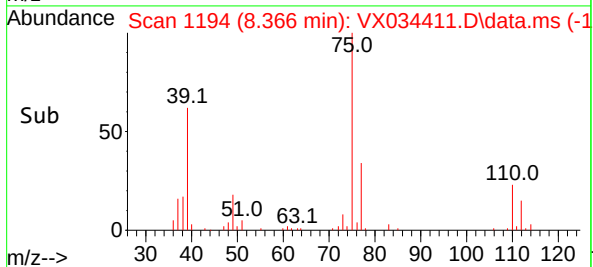
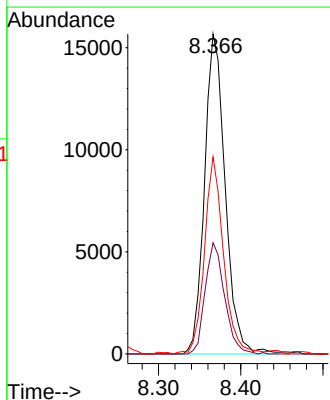
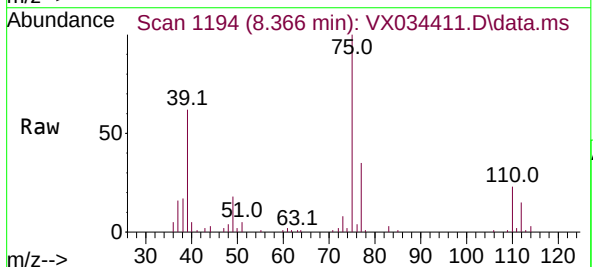
Manual Integrations
 APPROVED

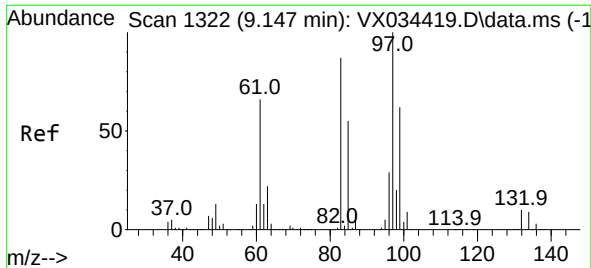
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.486 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

Tgt Ion: 75 Resp: 27395
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.0 37.4
 39 61.1 44.6 66.8





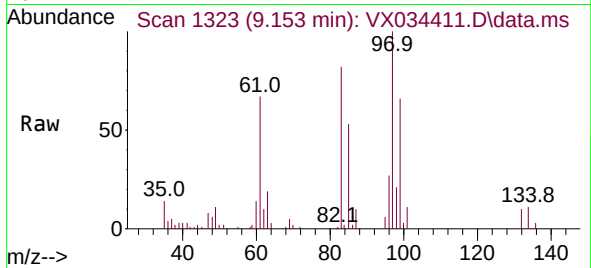
#55
1,1,2-Trichloroethane
Concen: 4.887 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



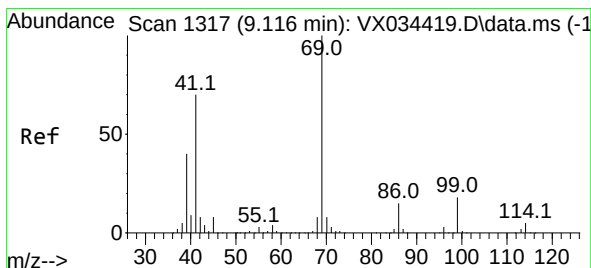
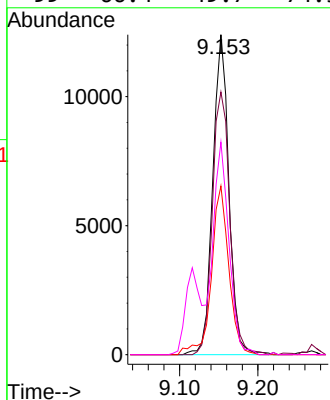
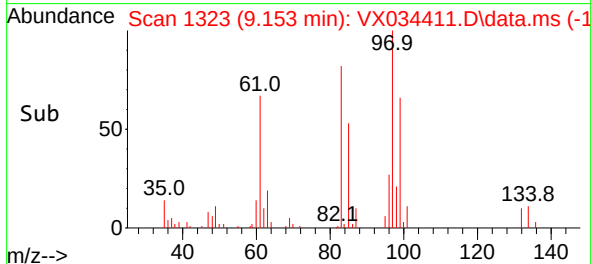
Tgt Ion: 97 Resp: 17752
Ion Ratio Lower Upper
97 100
83 82.1 69.7 104.5
85 52.7 43.7 65.5
99 66.4 49.7 74.5

Manual Integrations

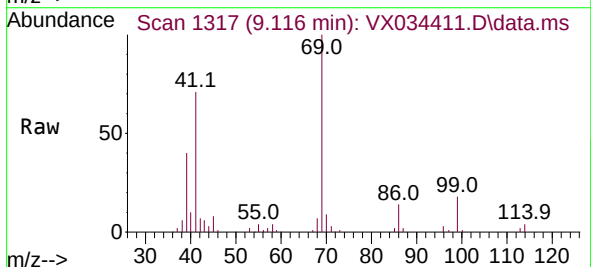
APPROVED

Reviewed By :John Carlone 03/13/2023

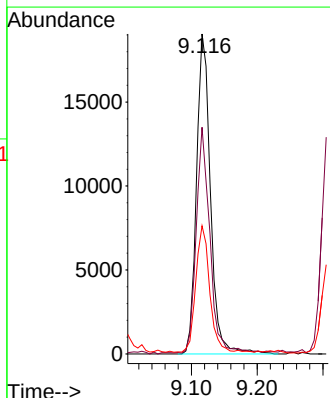
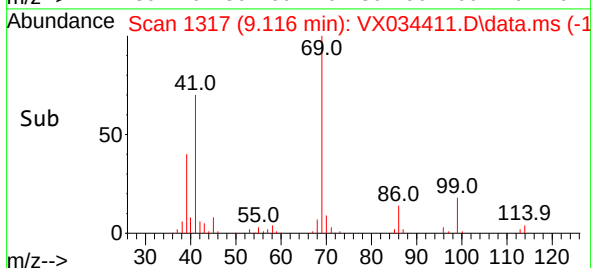
Supervised By :Mahesh Dadoda 03/13/2023

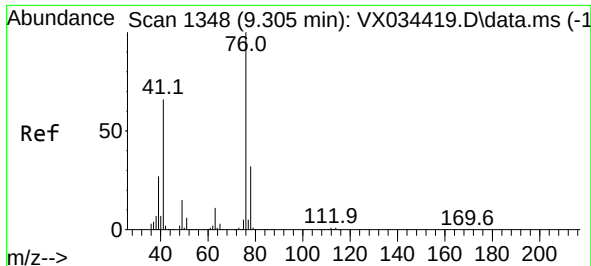


#56
Ethyl methacrylate
Concen: 4.799 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50



Tgt Ion: 69 Resp: 28113
Ion Ratio Lower Upper
69 100
41 68.5 57.4 86.0
39 39.1 33.7 50.5





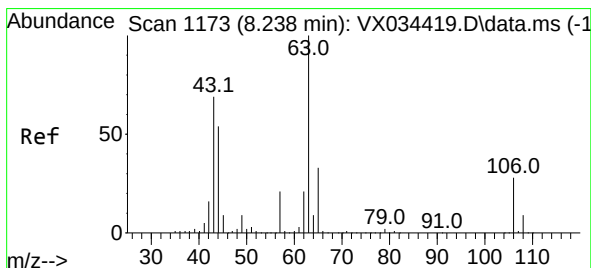
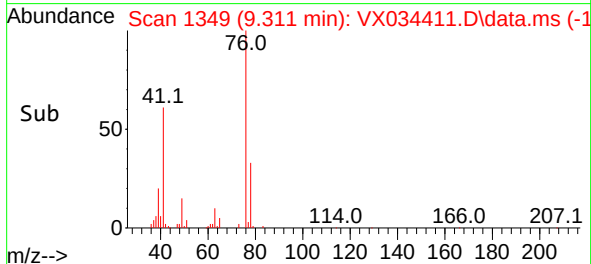
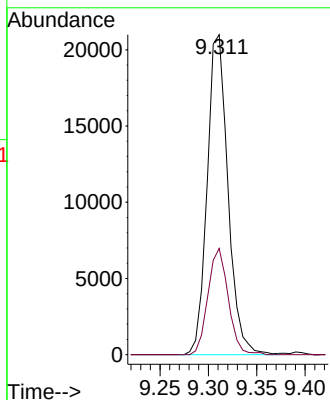
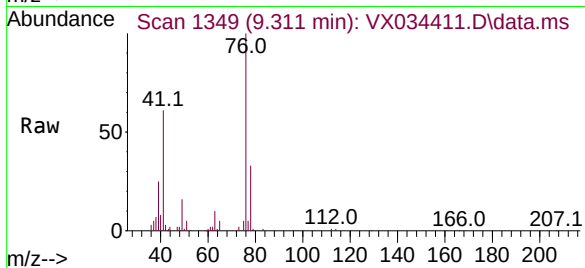
#57
1,3-Dichloropropane
Concen: 4.962 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 31469
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

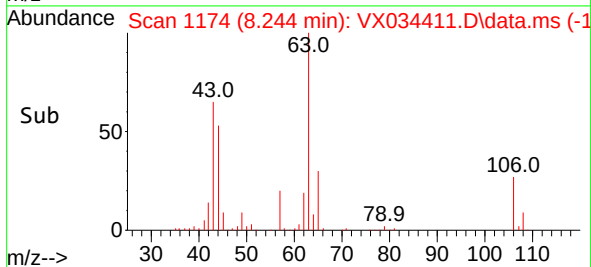
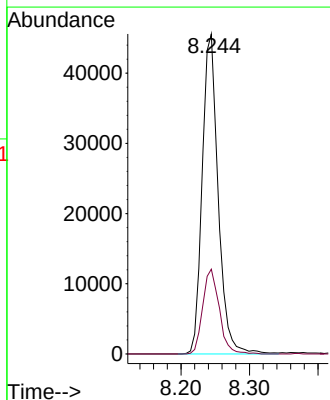
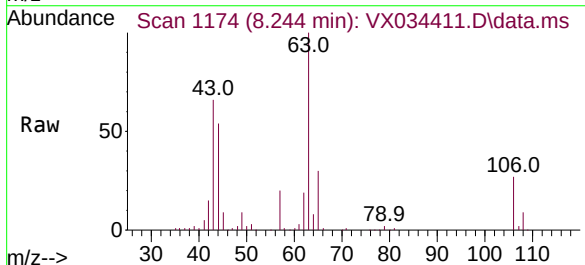
Manual Integrations
APPROVED

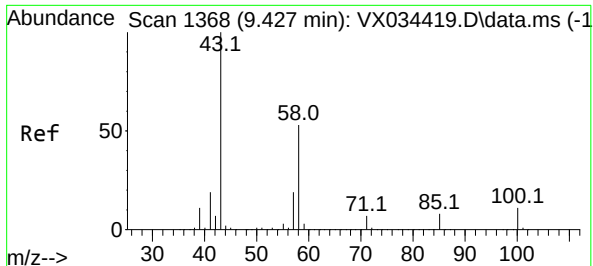
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 24.865 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 63 Resp: 74076
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 25.255 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 10391

Ion Ratio Lower Upper

43 100

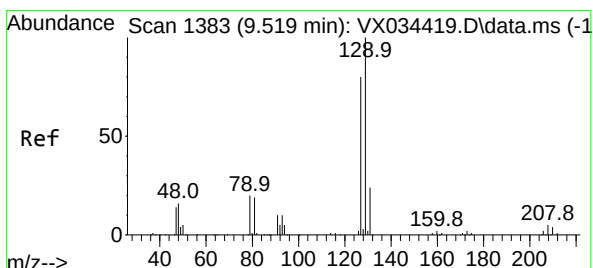
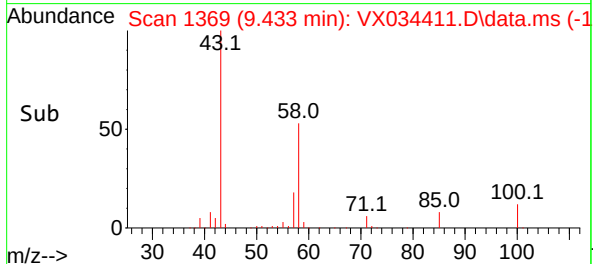
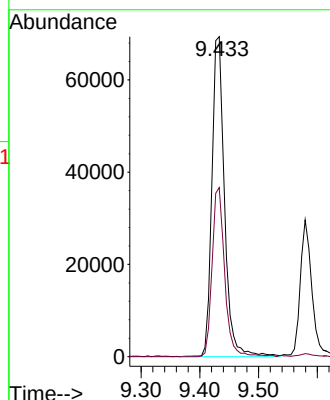
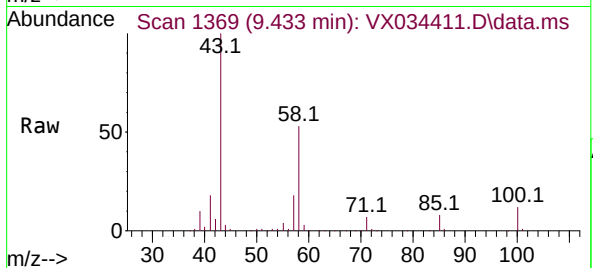
58 52.5 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#60

Dibromochloromethane

Concen: 4.542 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034411.D

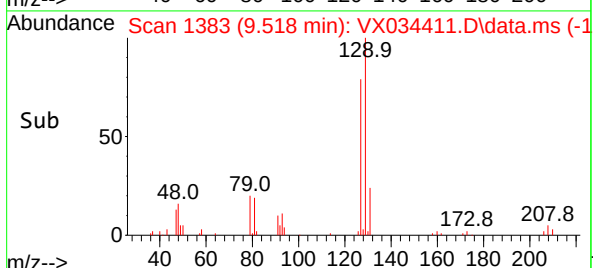
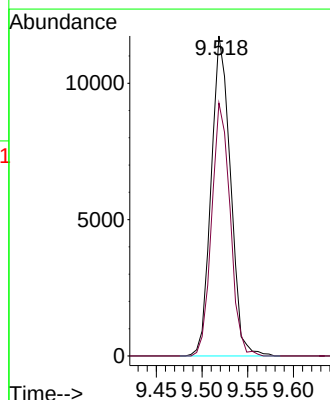
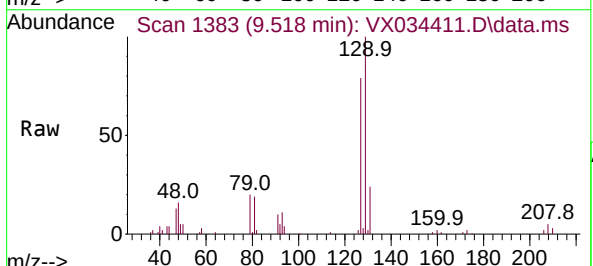
Acq: 10 Mar 2023 10:50

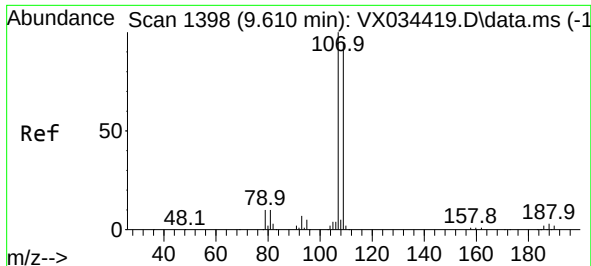
Tgt Ion:129 Resp: 17199

Ion Ratio Lower Upper

129 100

127 75.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.788 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

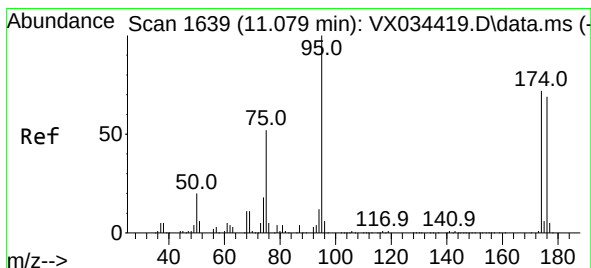
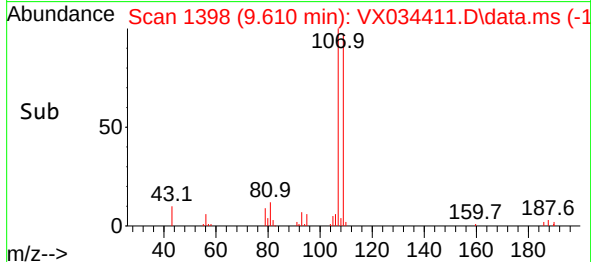
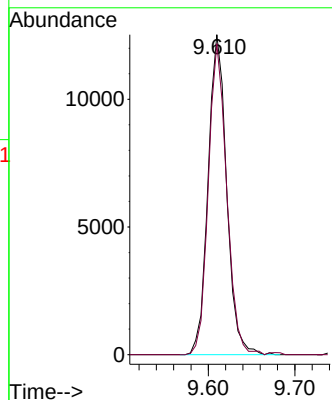
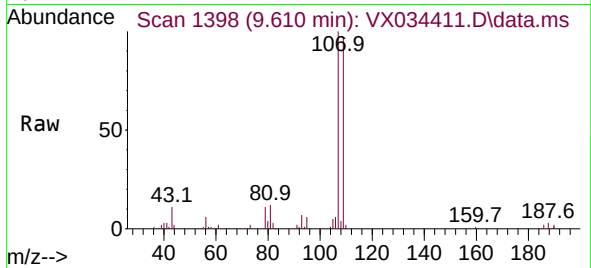
Tgt Ion:107 Resp: 18620
Ion Ratio Lower Upper
107 100
109 96.1 75.3 112.9

Manual Integrations

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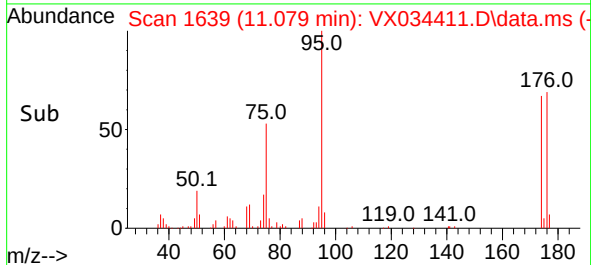
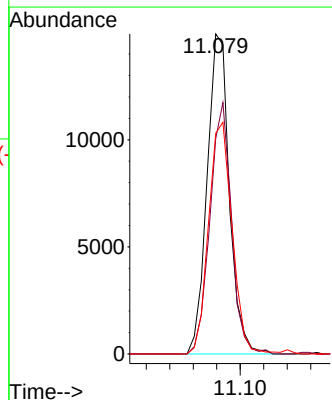
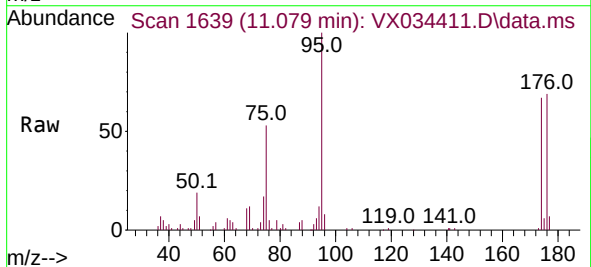
Reviewed By :John Carlone 03/13/2023

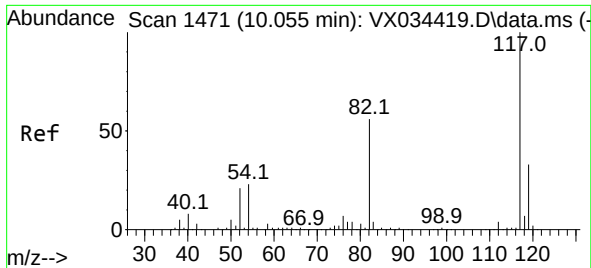
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 4.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

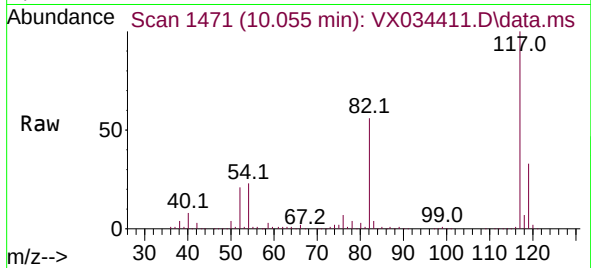
Tgt Ion: 95 Resp: 19651
Ion Ratio Lower Upper
95 100
174 75.7 0.0 147.4
176 76.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

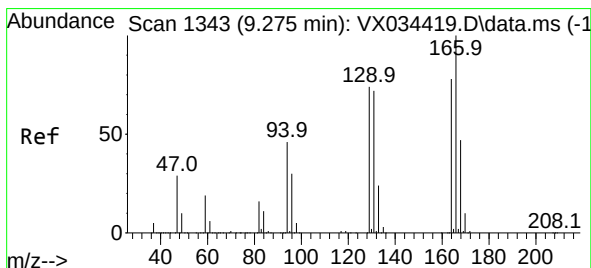
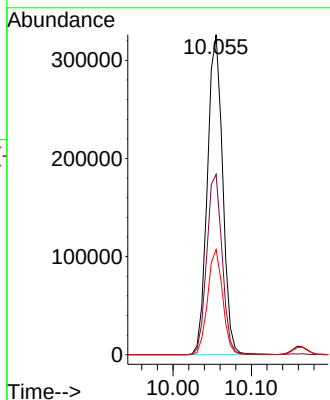
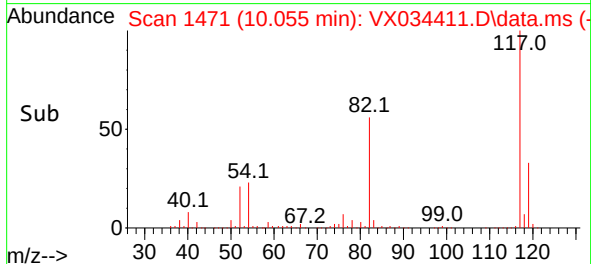
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 440658
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.9 26.0 39.0

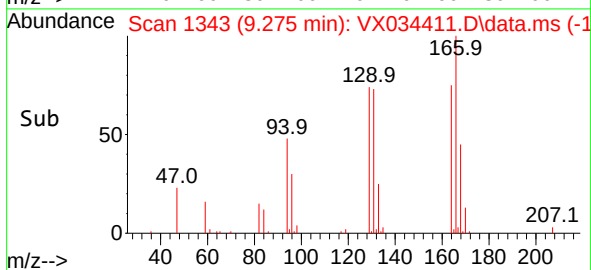
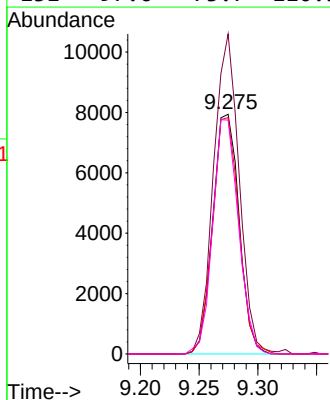
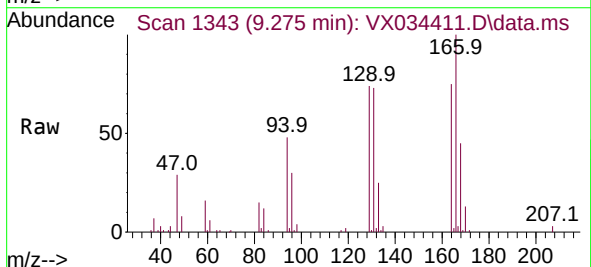
Manual Integrations
APPROVED

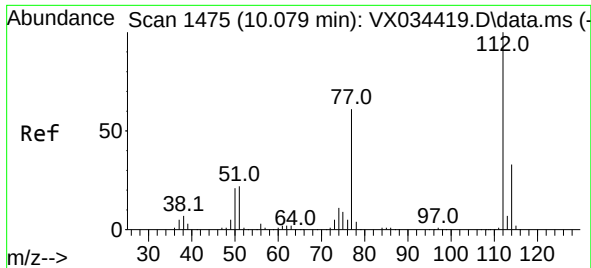
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 4.080 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:164 Resp: 12376
Ion Ratio Lower Upper
164 100
166 133.5 102.7 154.1
129 98.6 75.6 113.4
131 97.6 73.7 110.5





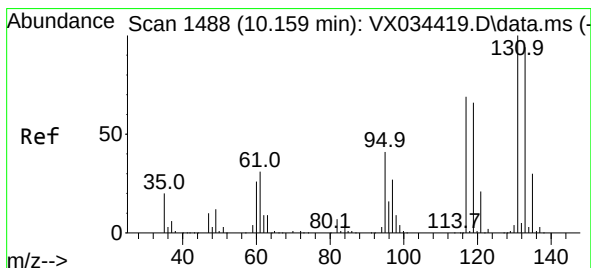
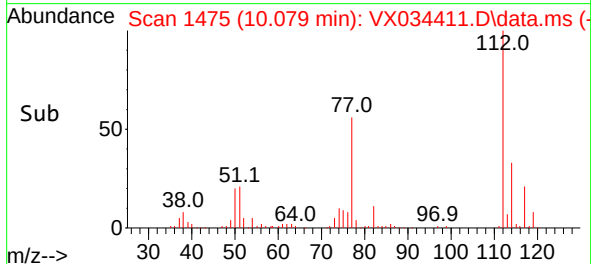
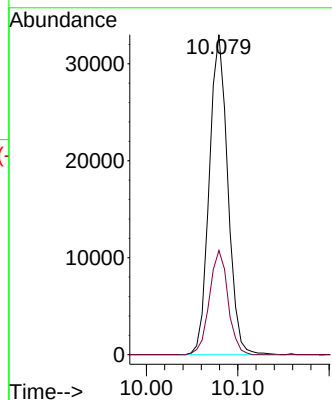
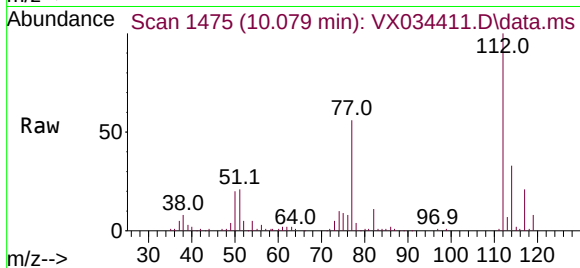
#65
Chlorobenzene
Concen: 4.769 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 4623
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

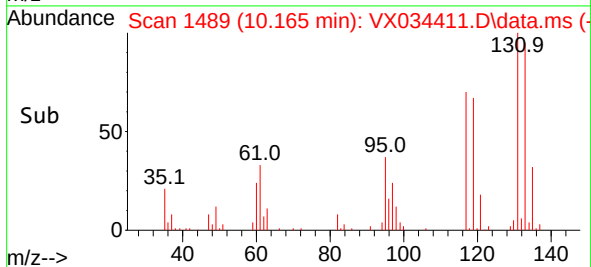
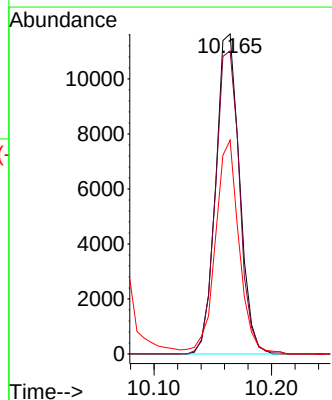
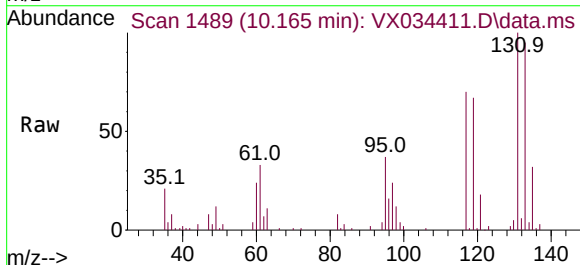
Manual Integrations
APPROVED

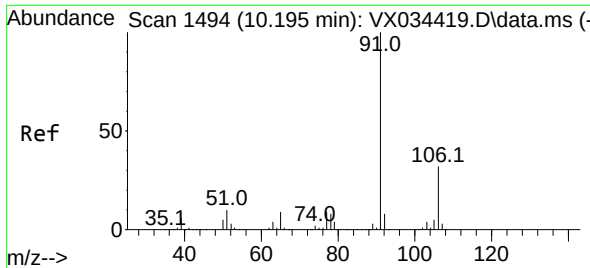
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.672 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:131 Resp: 16356
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 66.8 32.6 98.0





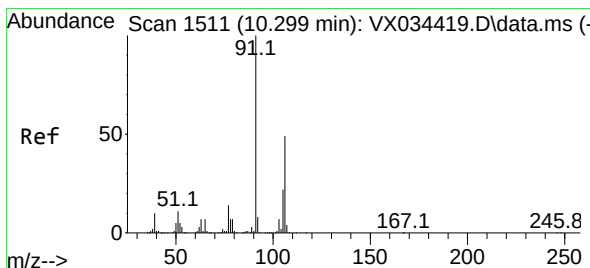
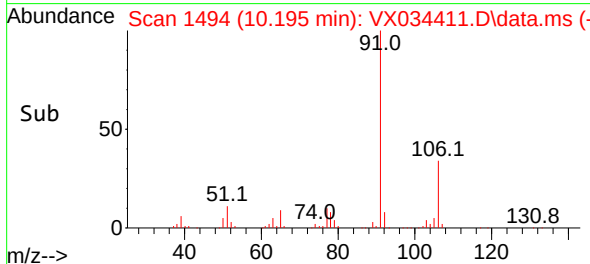
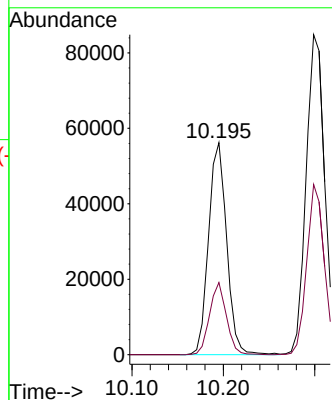
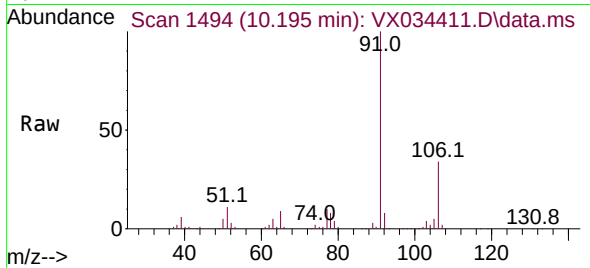
#67
Ethyl Benzene
Concen: 4.496 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 77228
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4

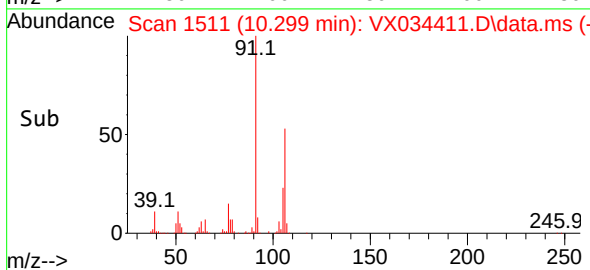
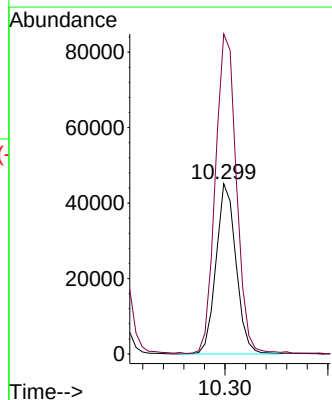
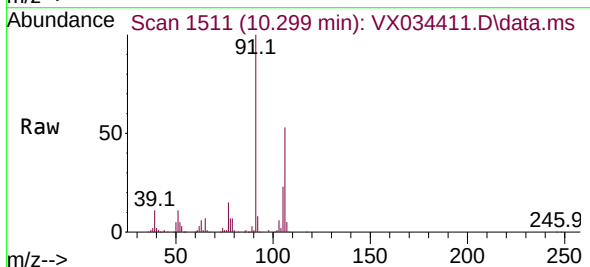
Manual Integrations
APPROVED

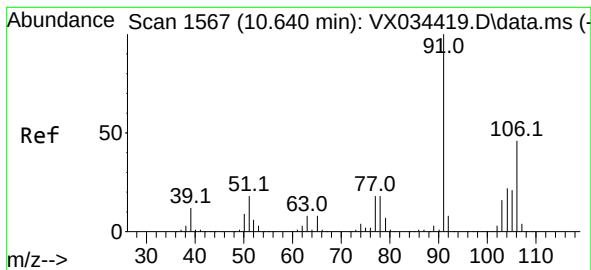
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#68
m/p-Xylenes
Concen: 9.133 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:106 Resp: 60698
Ion Ratio Lower Upper
106 100
91 197.9 164.0 246.0





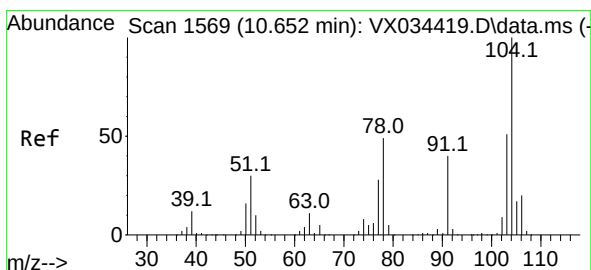
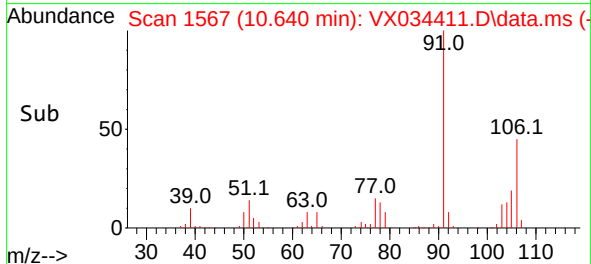
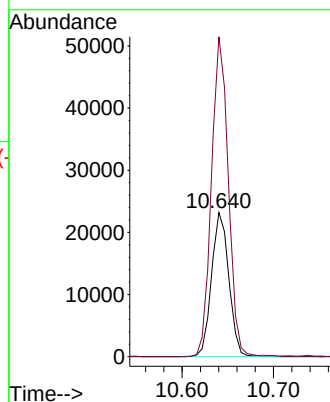
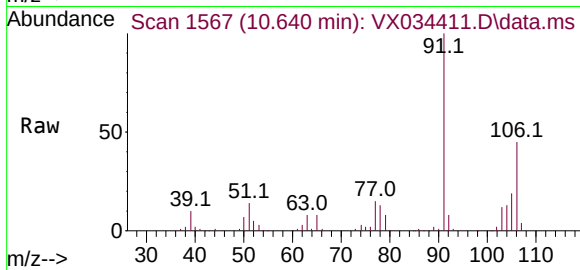
#69
o-Xylene
Concen: 4.669 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 30425
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.3

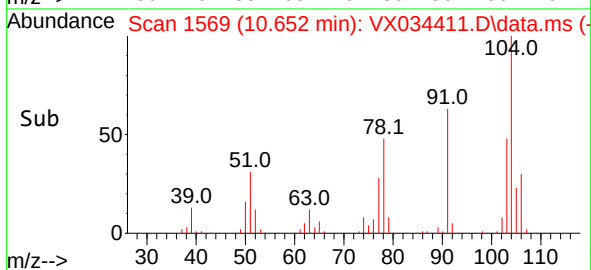
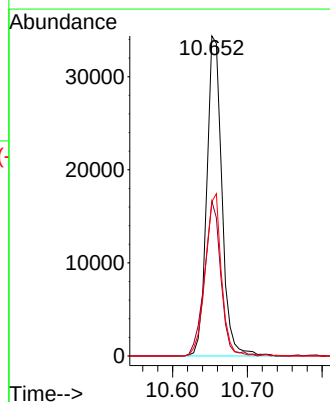
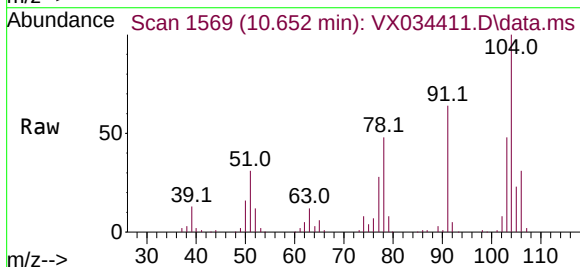
Manual Integrations
APPROVED

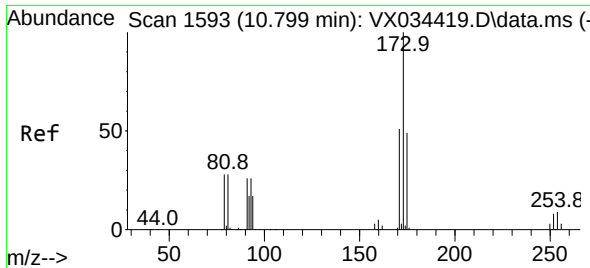
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 4.492 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

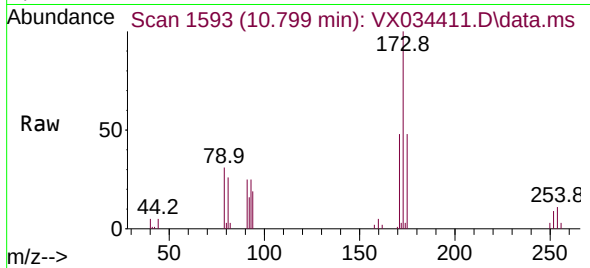
Tgt Ion:104 Resp: 48424
Ion Ratio Lower Upper
104 100
78 52.4 43.4 65.2
103 53.7 44.2 66.2





#71
Bromoform
Concen: 4.268 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

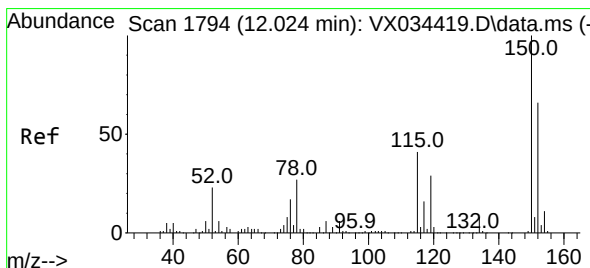
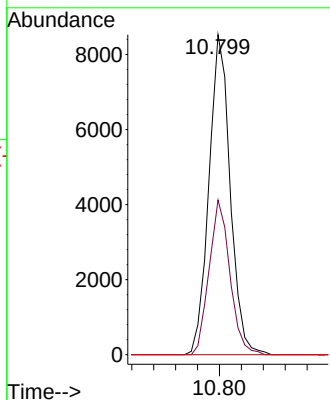
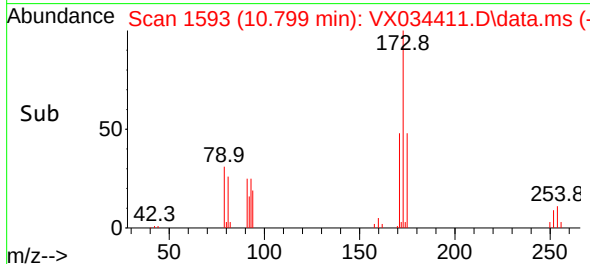
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:173 Resp: 1147
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.4
254 0.0 0.1 0.1

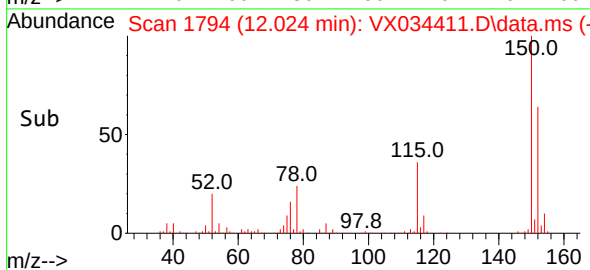
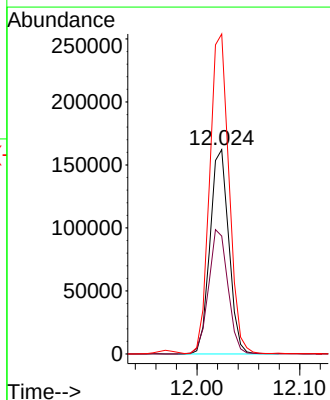
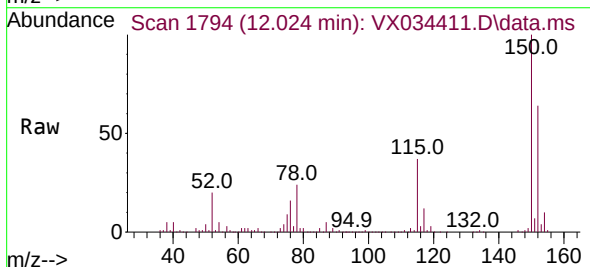
Manual Integrations
APPROVED

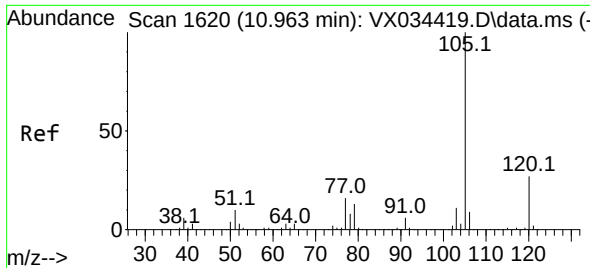
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:152 Resp: 205598
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 160.3 0.0 352.4





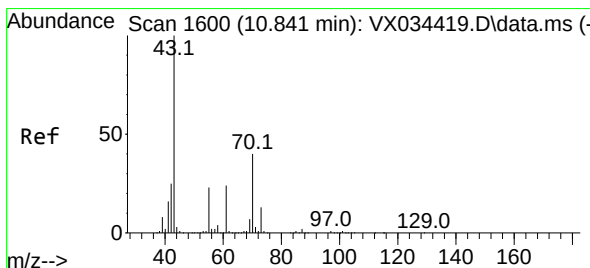
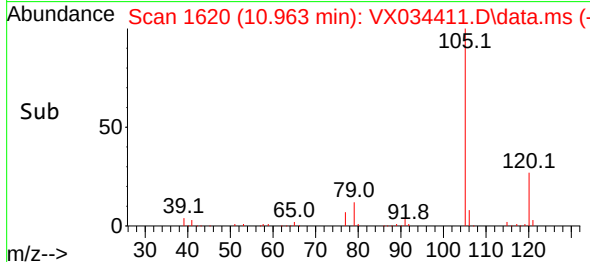
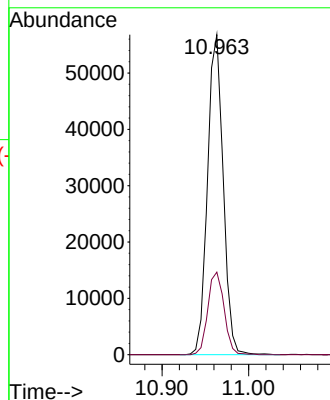
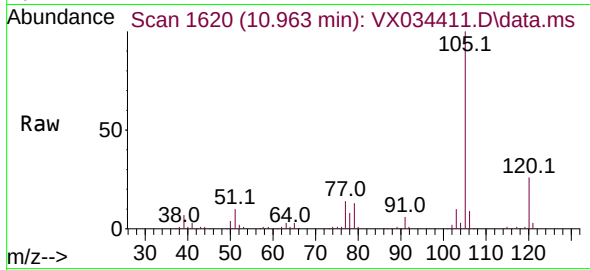
#73
Isopropylbenzene
Concen: 4.532 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 71389
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

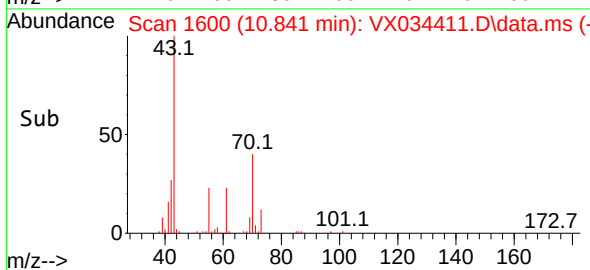
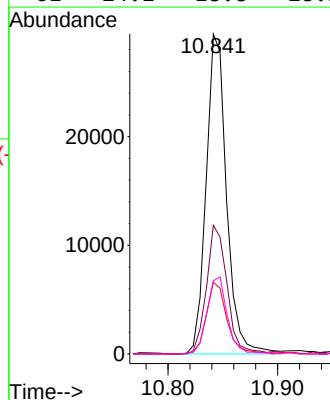
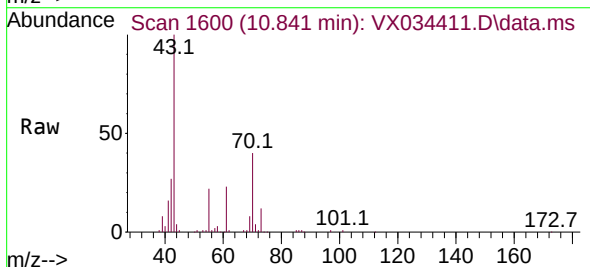
Manual Integrations
APPROVED

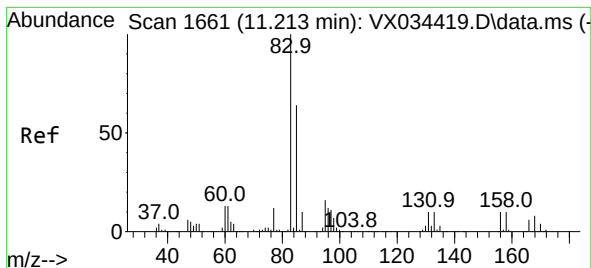
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#74
N-ethyl acetate
Concen: 5.026 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 43 Resp: 38092
Ion Ratio Lower Upper
43 100
70 41.1 32.1 48.1
55 22.6 18.3 27.5
61 24.1 18.8 28.2





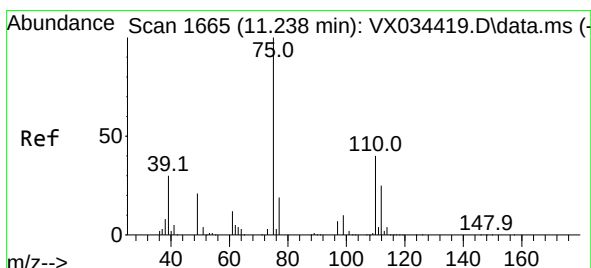
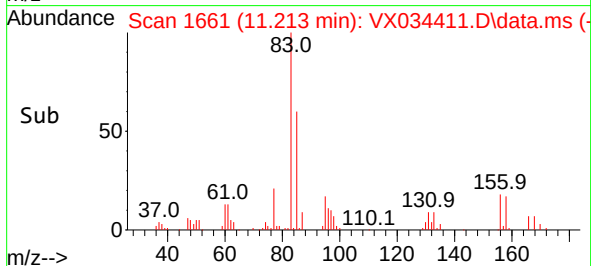
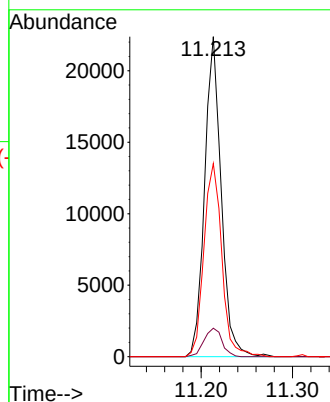
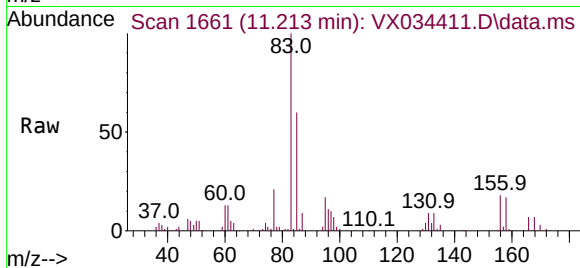
#75
1,1,2,2-Tetrachloroethane
Concen: 5.303 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 28124
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 65.1 32.0 96.0

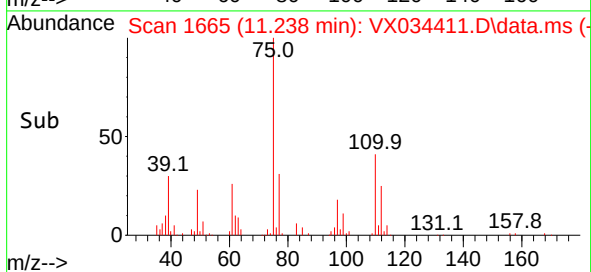
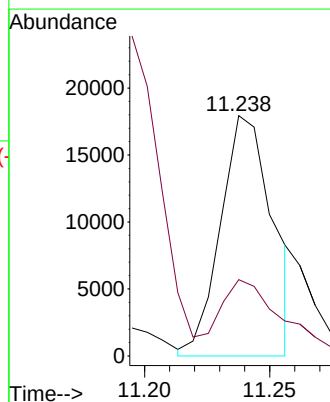
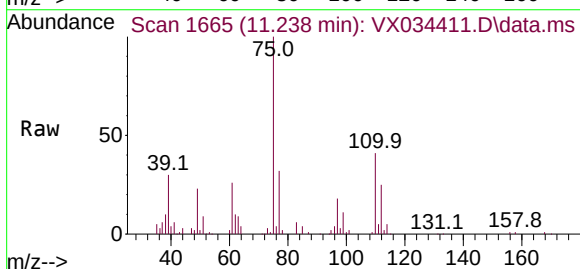
Manual Integrations
APPROVED

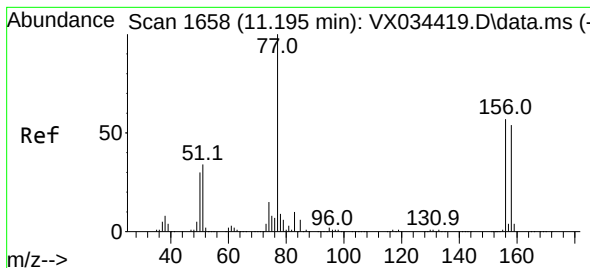
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#76
1,2,3-Trichloropropane
Concen: 5.160 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 75 Resp: 25858
Ion Ratio Lower Upper
75 100
77 39.0 21.6 64.8





#77

Bromobenzene

Concen: 5.064 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

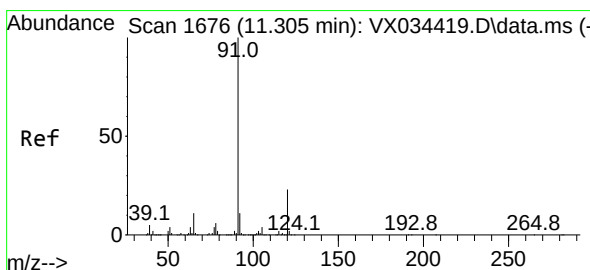
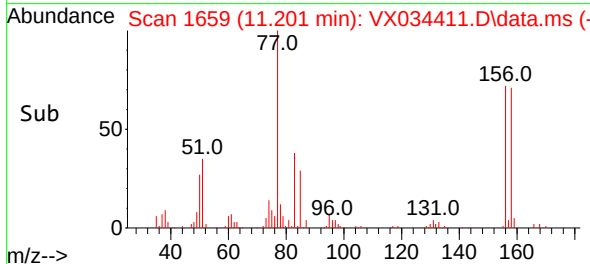
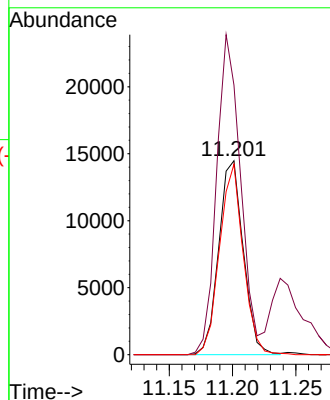
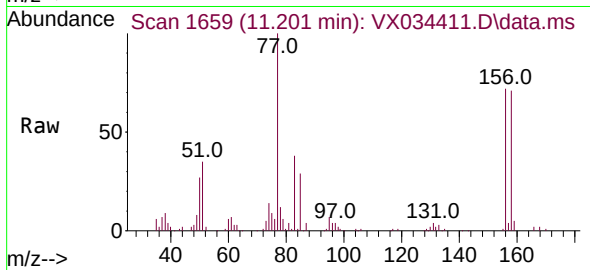
Tgt Ion:	156	Resp:	1956
Ion Ratio	Lower	Upper	
156	100		
77	159.4	86.7	259.9
158	94.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#78

n-propylbenzene

Concen: 4.337 ug/l

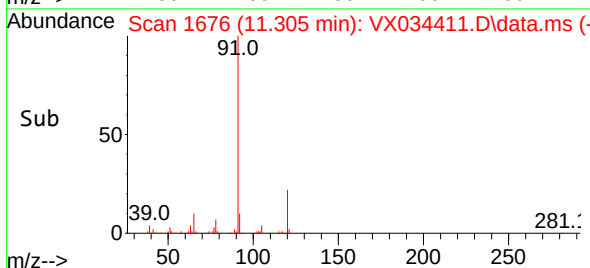
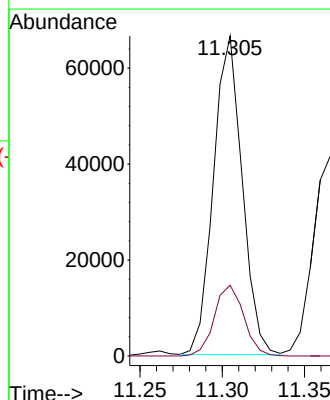
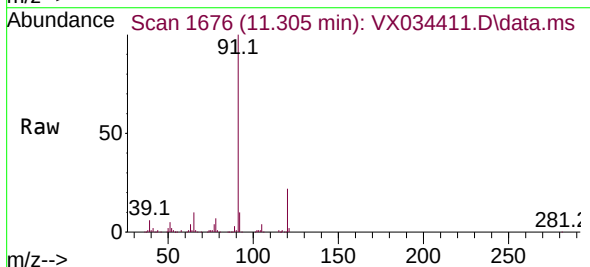
RT: 11.305 min Scan# 1676

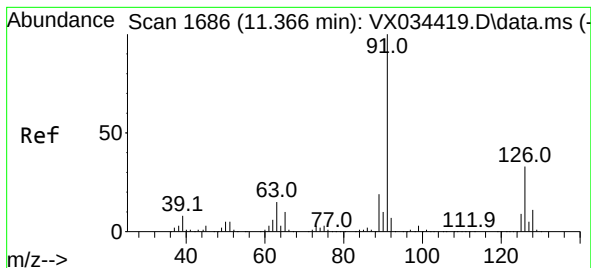
Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:	91	Resp:	80660
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.5





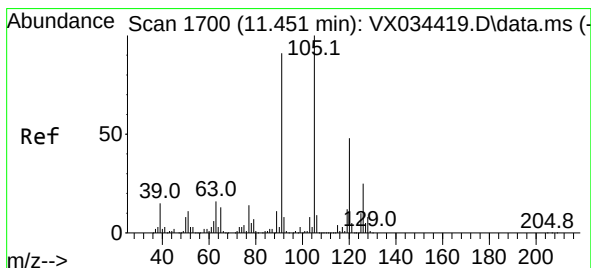
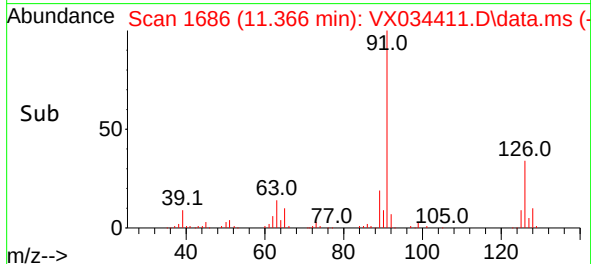
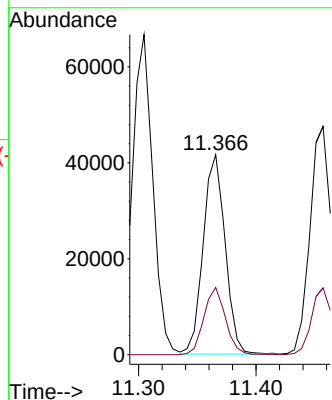
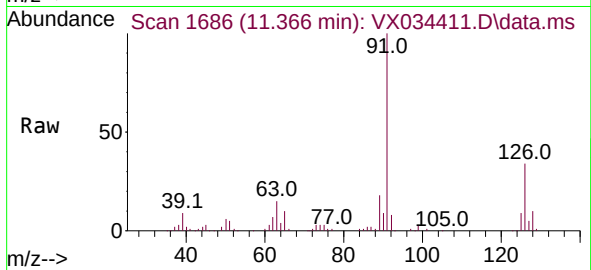
#79
2-Chlorotoluene
Concen: 4.680 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5378
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9

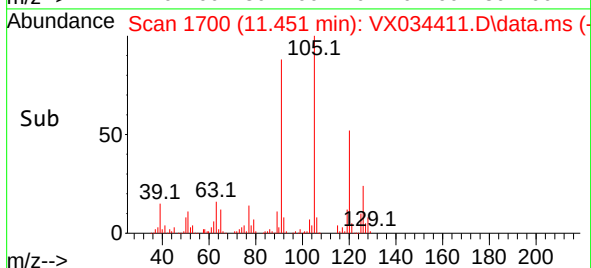
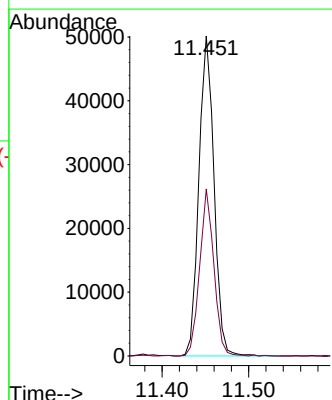
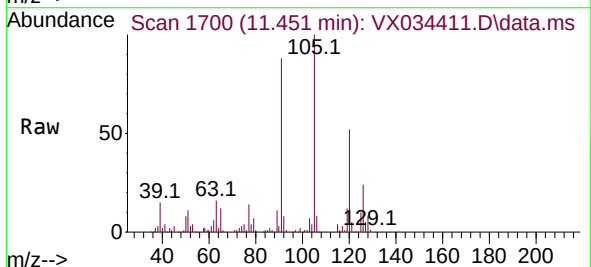
Manual Integrations
APPROVED

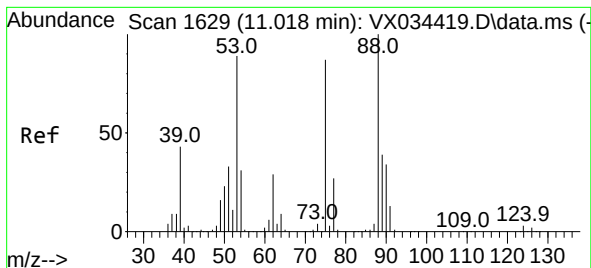
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.531 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:105 Resp: 60756
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





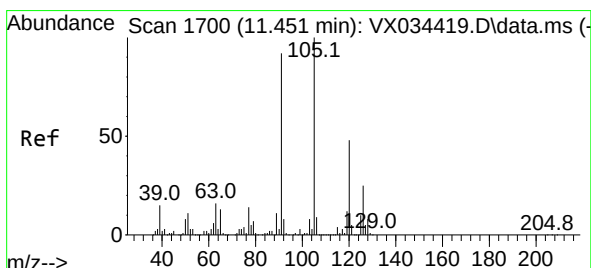
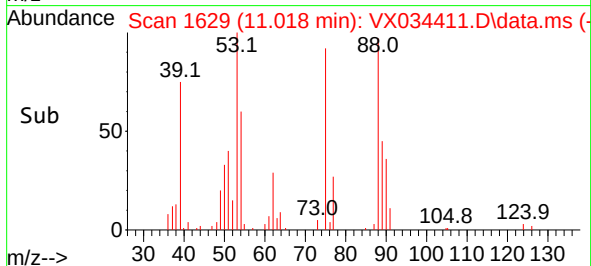
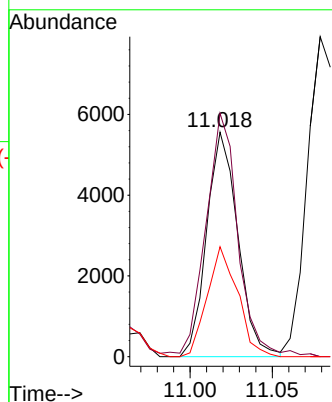
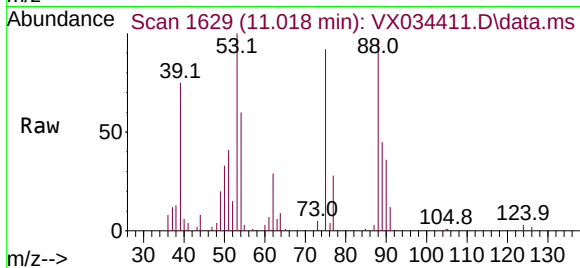
#81
trans-1,4-Dichloro-2-butene
Concen: 4.195 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 7320
Ion Ratio Lower Upper
75 100
53 112.1 82.6 124.0
89 47.8 36.9 55.3

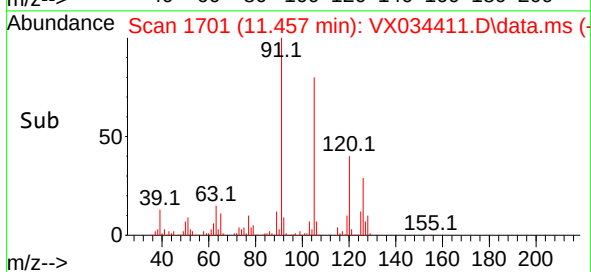
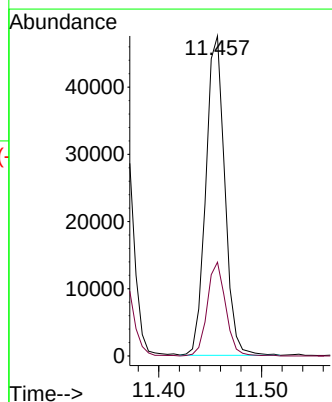
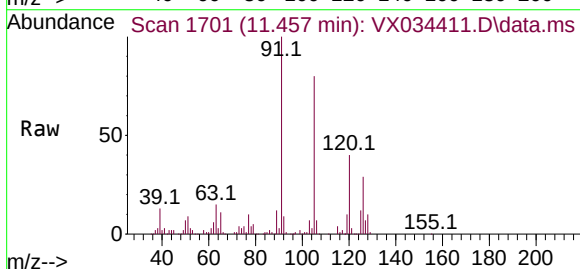
Manual Integrations
APPROVED

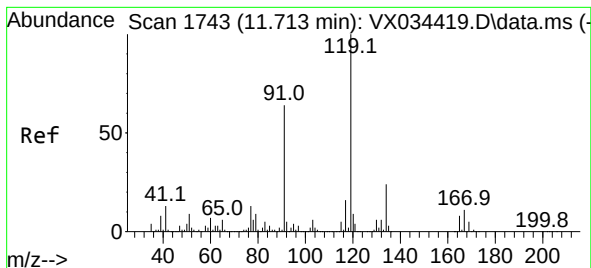
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 4.606 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion: 91 Resp: 60996
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.393 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

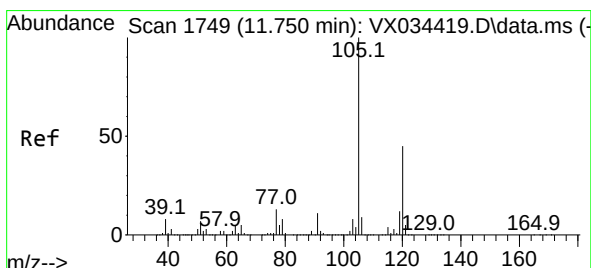
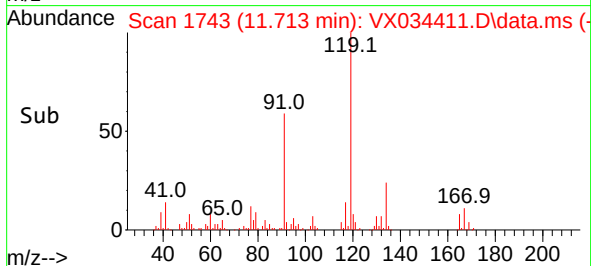
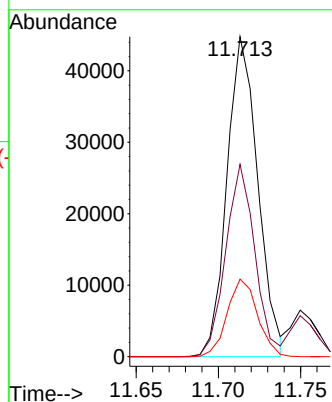
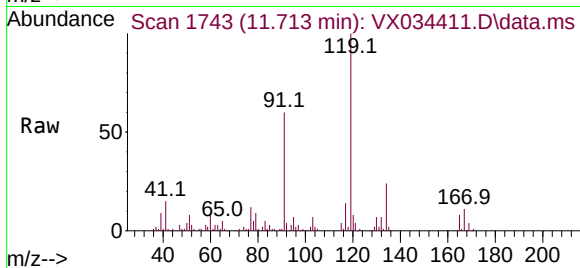
Tgt Ion:	119	Resp:	5855
Ion Ratio	Lower	Upper	
119	100		
91	57.0	30.6	92.0
134	23.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.556 ug/l

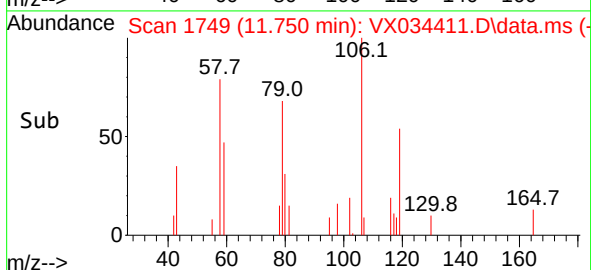
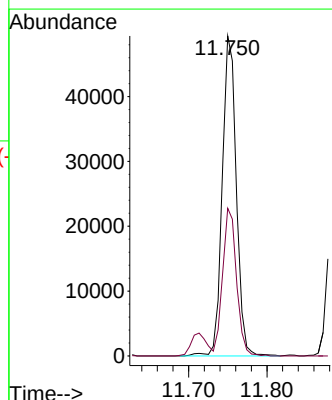
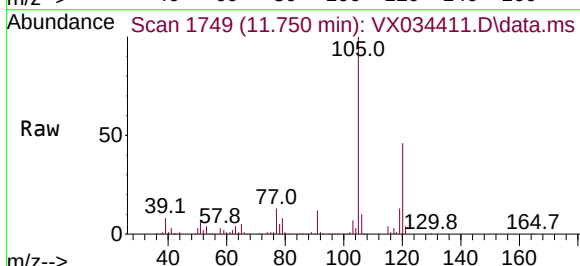
RT: 11.750 min Scan# 1749

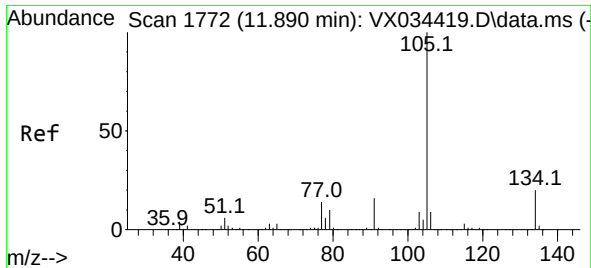
Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:	105	Resp:	61742
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.4	67.0





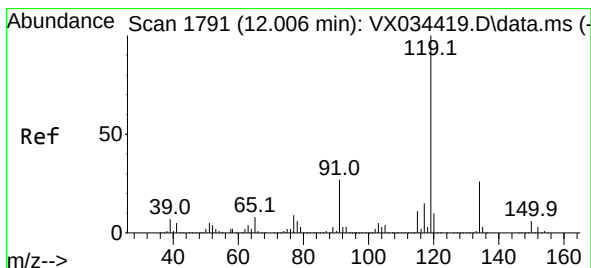
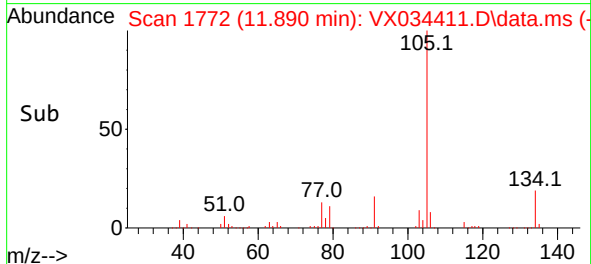
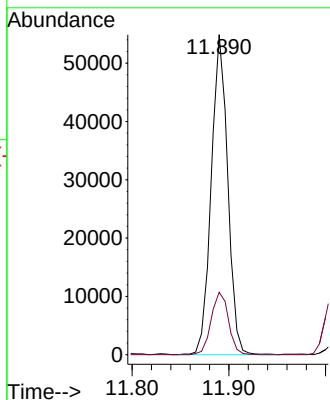
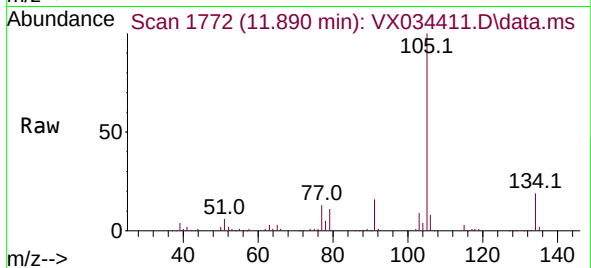
#85
 sec-Butylbenzene
 Concen: 3.994 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 64810
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

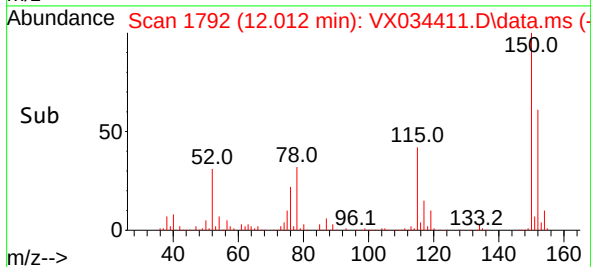
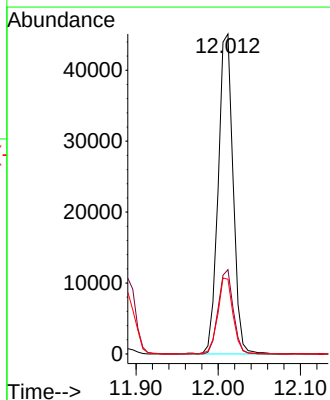
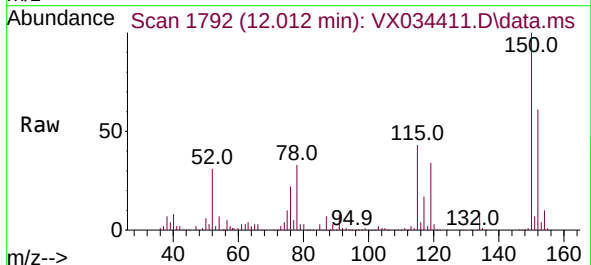
Manual Integrations
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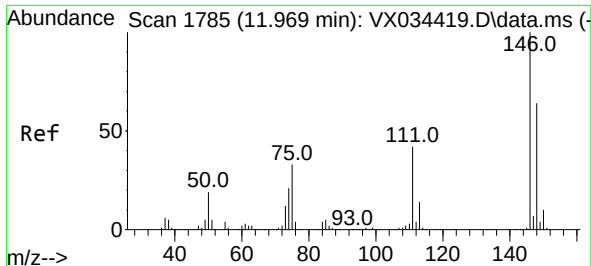
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 4.150 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034411.D
 Acq: 10 Mar 2023 10:50

Tgt Ion:119 Resp: 56774
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 4.564 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

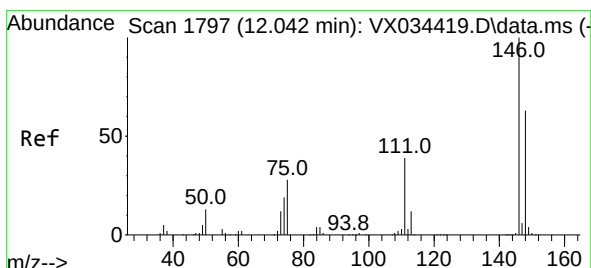
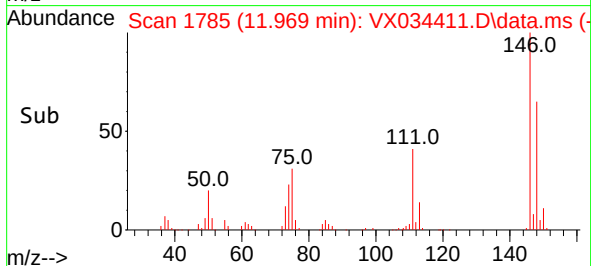
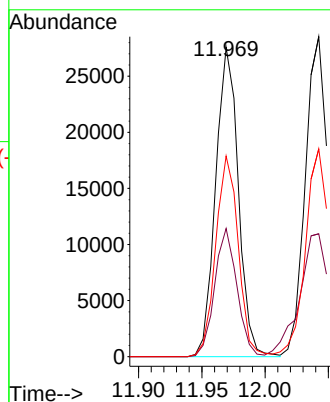
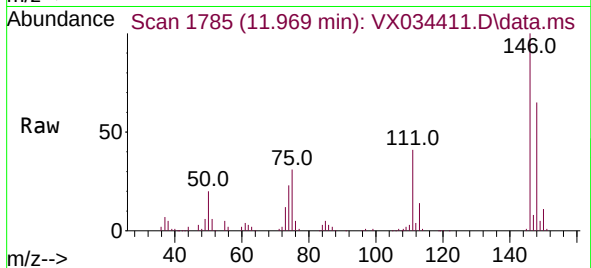
Tgt Ion:146 Resp: 34370
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.9 62.8
 148 64.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#88

1,4-Dichlorobenzene

Concen: 4.707 ug/l

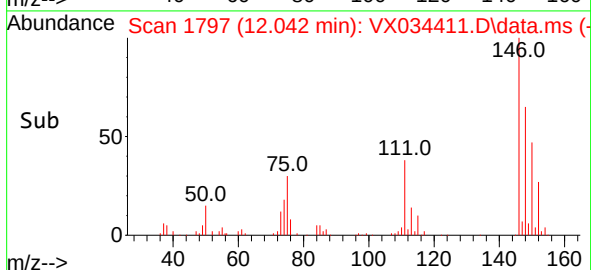
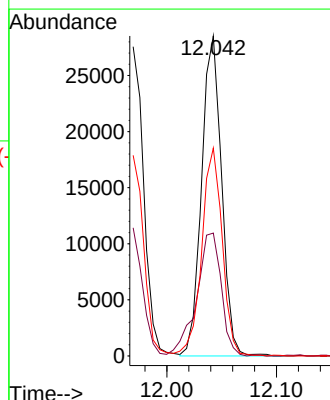
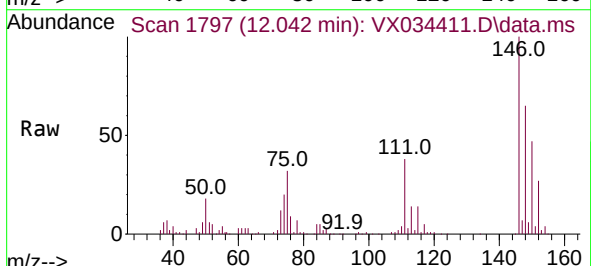
RT: 12.042 min Scan# 1797

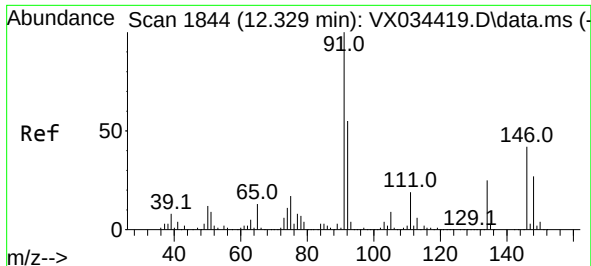
Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:146 Resp: 36183
 Ion Ratio Lower Upper
 146 100
 111 47.6 20.6 61.9
 148 66.5 31.8 95.4





#89

n-Butylbenzene

Concen: 3.615 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 44330

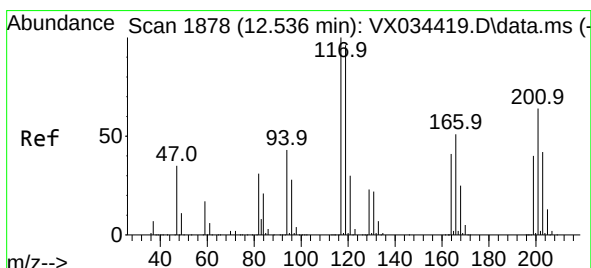
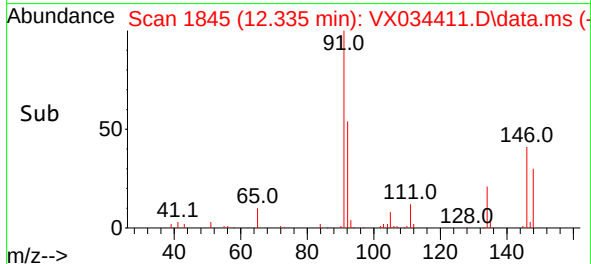
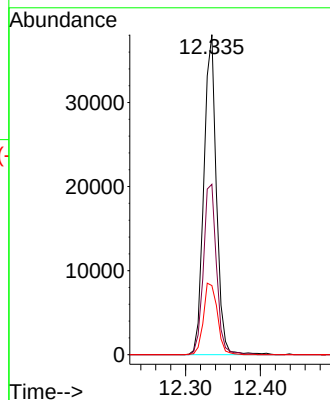
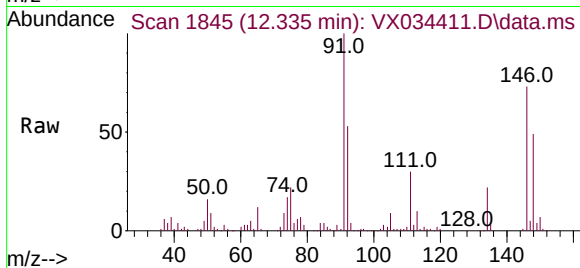
Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.7	83.0
134	24.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#90

Hexachloroethane

Concen: 3.893 ug/l

RT: 12.536 min Scan# 1878

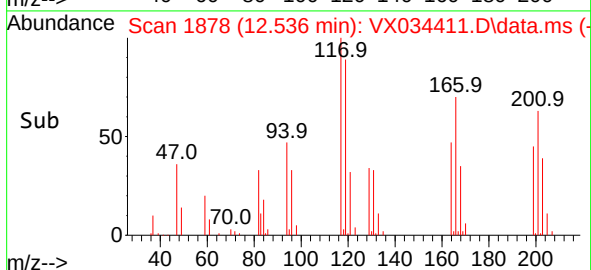
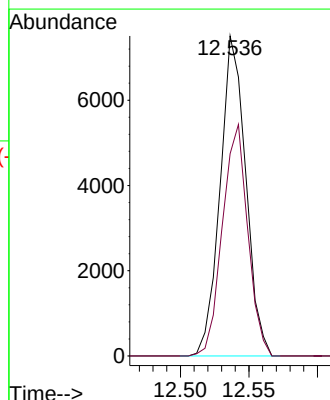
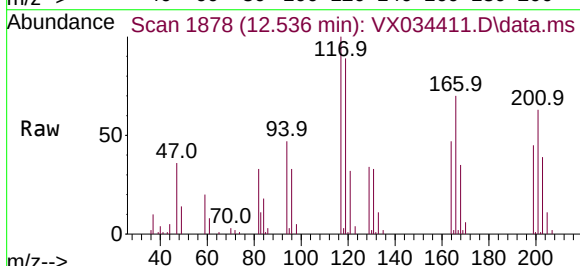
Delta R.T. -0.000 min

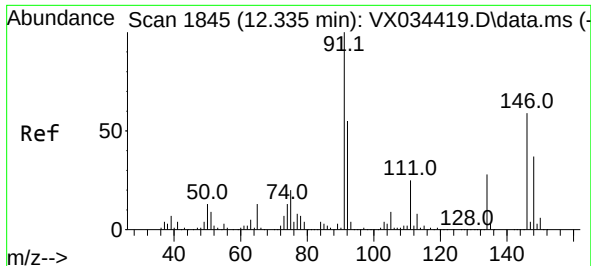
Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:117 Resp: 9773

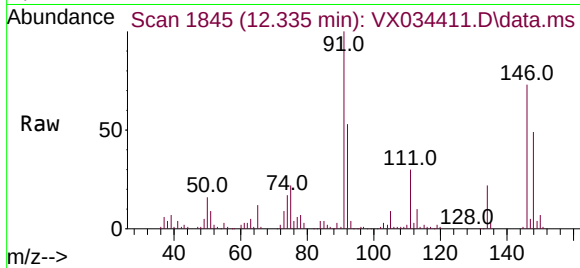
Ion	Ratio	Lower	Upper
117	100		
201	71.5	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 4.916 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

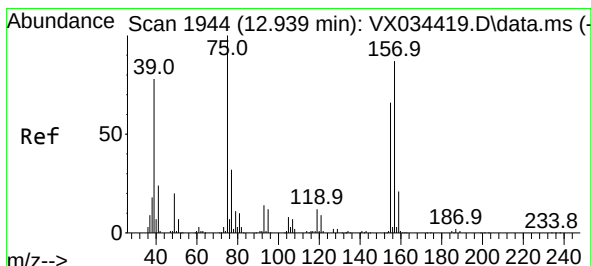
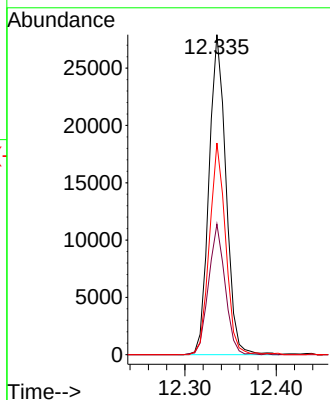
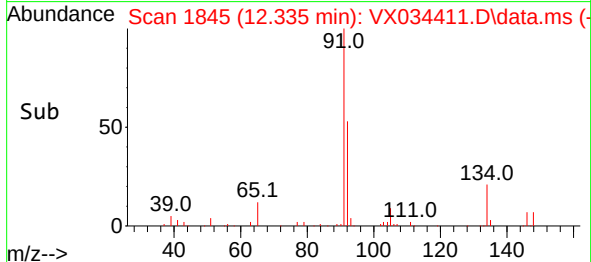
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



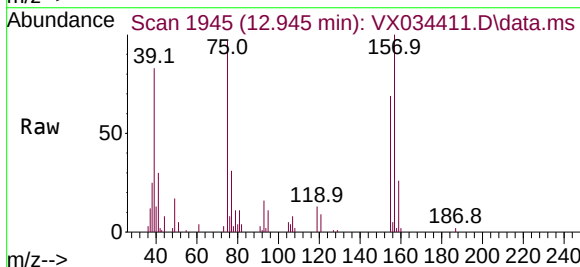
Tgt Ion:146 Resp: 3588
Ion Ratio Lower Upper
146 100
111 39.7 22.0 66.0
148 63.3 32.0 96.0

Manual Integrations
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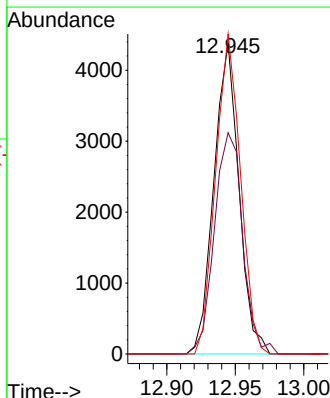
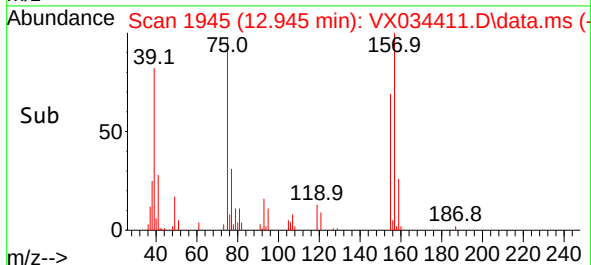
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

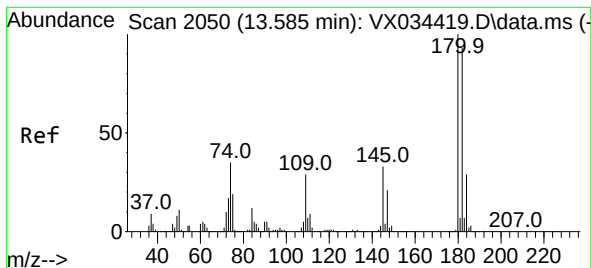


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.688 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50



Tgt Ion: 75 Resp: 5573
Ion Ratio Lower Upper
75 100
155 80.0 38.4 115.1
157 102.1 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 4.091 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

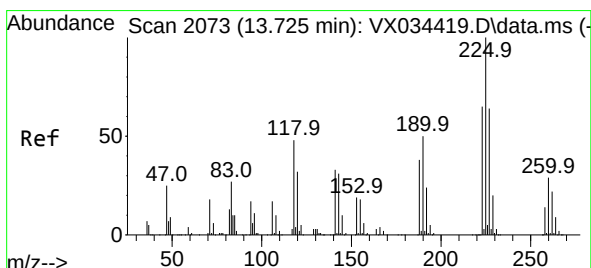
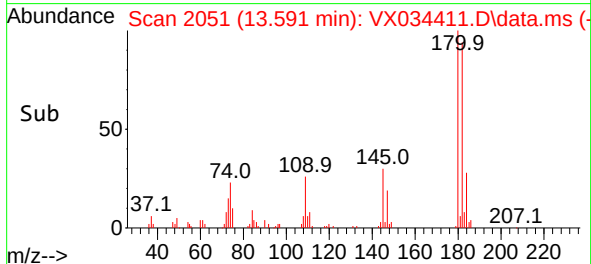
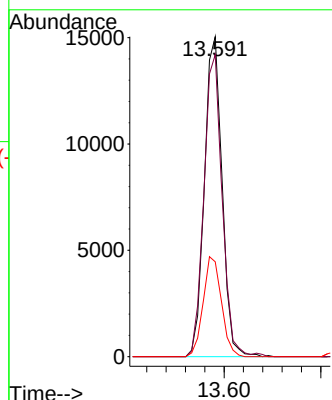
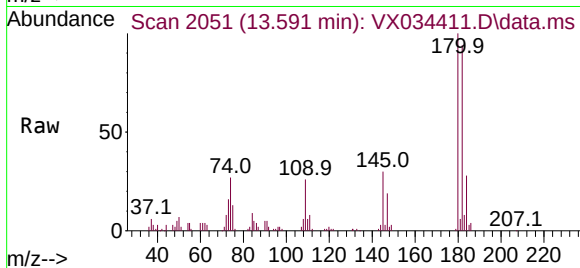
Tgt Ion:180	Resp:	19129
Ion Ratio	Lower	Upper
180	100	
182	97.5	47.0 141.0
145	32.3	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#94

Hexachlorobutadiene

Concen: 3.488 ug/l

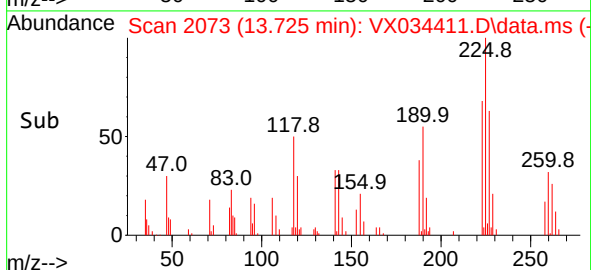
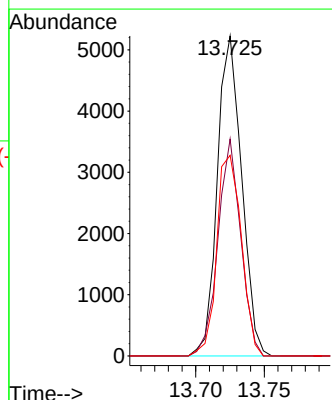
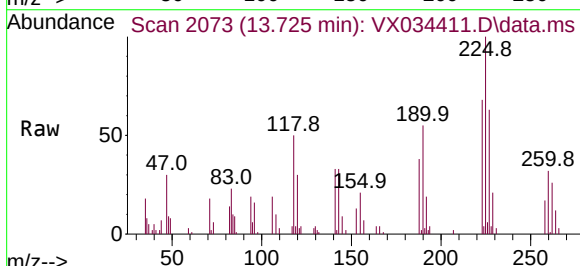
RT: 13.725 min Scan# 2073

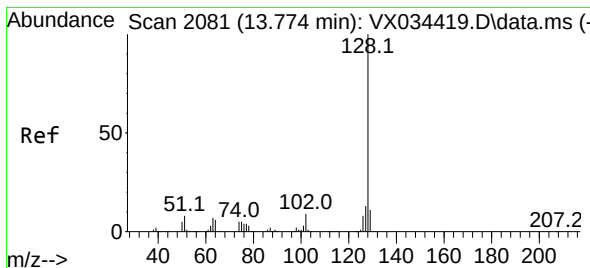
Delta R.T. -0.000 min

Lab File: VX034411.D

Acq: 10 Mar 2023 10:50

Tgt Ion:225	Resp:	6448
Ion Ratio	Lower	Upper
225	100	
223	63.4	32.1 96.5
227	63.6	31.8 95.4





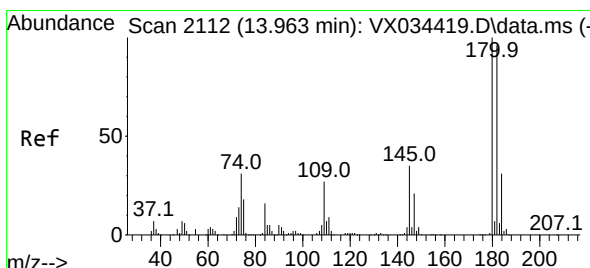
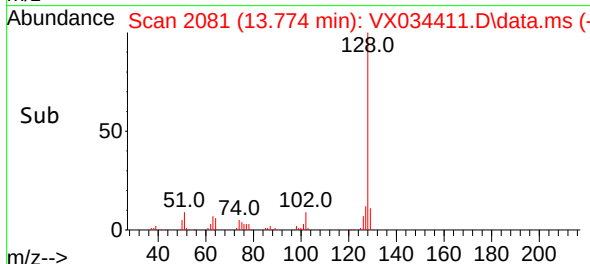
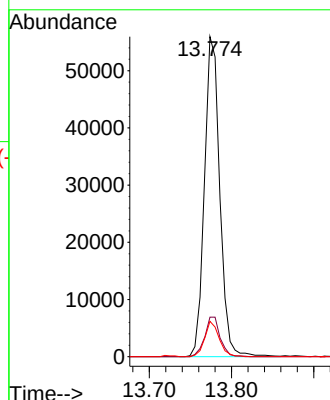
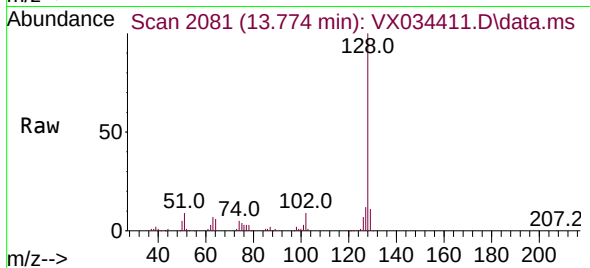
#95
Naphthalene
Concen: 4.749 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 7253
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.355 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034411.D
Acq: 10 Mar 2023 10:50

Tgt Ion:180 Resp: 19738
Ion Ratio Lower Upper
180 100
182 89.8 48.0 144.2
145 32.7 17.7 53.1

