

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033614.D
 Acq On : 04 Jan 2023 12:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 05 04:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214542	100.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.520%#			
35) Dibromofluoromethane	5.385	113	184734	102.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.340%#			
50) Toluene-d8	8.652	98	671181	103.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 207.700%#			
62) 4-Bromofluorobenzene	11.079	95	251368	109.728	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 219.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	169656	112.174	ug/l	98
3) Chloromethane	1.294	50	184347	95.814	ug/l	100
4) Vinyl Chloride	1.373	62	146688	85.955	ug/l	97
5) Bromomethane	1.617	94	98925	103.665	ug/l	99
6) Chloroethane	1.690	64	96930	98.571	ug/l	99
7) Trichlorofluoromethane	1.885	101	262711	108.815	ug/l	99
8) Diethyl Ether	2.135	74	79614	104.850	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	124670	97.647	ug/l	100
10) Methyl Iodide	2.452	142	265735	120.638	ug/l	99
11) Tert butyl alcohol	3.001	59	184948m	527.147	ug/l	
12) 1,1-Dichloroethene	2.318	96	116966	98.347	ug/l	95
13) Acrolein	2.239	56	111492	481.214	ug/l	99
14) Allyl chloride	2.666	41	321672	108.772	ug/l	98
15) Acrylonitrile	3.068	53	506608	532.801	ug/l	99
16) Acetone	2.391	43	376924	456.795	ug/l	98
17) Carbon Disulfide	2.513	76	444964	113.886	ug/l	99
18) Methyl Acetate	2.708	43	313446	105.679	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	600164	107.832	ug/l	99
20) Methylene Chloride	2.788	84	189694	88.688	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	185544	106.082	ug/l	98
22) Diisopropyl ether	3.763	45	631594	105.997	ug/l	90
23) Vinyl Acetate	3.720	43	2508349	548.208	ug/l	99
24) 1,1-Dichloroethane	3.611	63	338688	105.055	ug/l	99
25) 2-Butanone	4.562	43	731788	524.071	ug/l	98
26) 2,2-Dichloropropane	4.476	77	257317	115.451	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	216992	106.965	ug/l	99
28) Bromochloromethane	4.897	49	132041	100.825	ug/l	98
29) Tetrahydrofuran	5.007	42	470144	530.529	ug/l	99
30) Chloroform	5.092	83	344437	104.580	ug/l	98
31) Cyclohexane	5.470	56	314796	105.676	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	307670	108.038	ug/l	98
36) 1,1-Dichloropropene	5.696	75	263207	107.462	ug/l	99
37) Ethyl Acetate	4.714	43	287625	95.266	ug/l	99
38) Carbon Tetrachloride	5.677	117	278896	107.597	ug/l	99
39) Methylcyclohexane	7.384	83	328871	107.538	ug/l	99
40) Benzene	6.037	78	749728	104.729	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	164272	110.387	ug/l	99
42) 1,2-Dichloroethane	6.086	62	274471	102.857	ug/l	100
43) Isopropyl Acetate	6.342	43	470808	112.427	ug/l	99
44) Trichloroethene	7.128	130	215744	105.612	ug/l	99
45) 1,2-Dichloropropane	7.433	63	194697	105.578	ug/l	99
46) Dibromomethane	7.580	93	137529	106.523	ug/l	98
47) Bromodichloromethane	7.823	83	272156	108.808	ug/l	99
48) Methyl methacrylate	7.695	41	236727	111.677	ug/l	99
49) 1,4-Dioxane	7.720	88	92518	2051.983	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1393158	525.624	ug/l	99
52) Toluene	8.720	92	493365	104.826	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	300576	120.386	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	322798	116.590	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	198953	107.921	ug/l	99
56) Ethyl methacrylate	9.116	69	316666	115.061	ug/l	98
57) 1,3-Dichloropropane	9.311	76	336212	106.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	679786	485.577	ug/l	99
59) 2-Hexanone	9.433	43	1044438	533.432	ug/l	99
60) Dibromochloromethane	9.524	129	229957	114.040	ug/l	100
61) 1,2-Dibromoethane	9.610	107	213604	109.546	ug/l	99
64) Tetrachloroethene	9.274	164	192491	104.663	ug/l	99
65) Chlorobenzene	10.079	112	541272	105.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	211216	110.487	ug/l	99
67) Ethyl Benzene	10.195	91	950015	106.422	ug/l	99
68) m/p-Xylenes	10.305	106	751185	215.622	ug/l	98
69) o-Xylene	10.640	106	368422	106.663	ug/l	100
70) Styrene	10.658	104	619834	109.233	ug/l	99
71) Bromoform	10.798	173	180579	117.984	ug/l #	99
73) Isopropylbenzene	10.963	105	955181	104.295	ug/l	100
74) N-amyl acetate	10.841	43	400376	107.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	289154	101.297	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	261535m	110.082	ug/l	
77) Bromobenzene	11.201	156	252536	104.166	ug/l	98
78) n-propylbenzene	11.304	91	1084232	104.425	ug/l	99
79) 2-Chlorotoluene	11.365	91	639446	102.544	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	784134	103.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	93125	118.968	ug/l	94
82) 4-Chlorotoluene	11.457	91	736442	102.143	ug/l	99
83) tert-Butylbenzene	11.713	119	822827	104.595	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	782152	103.377	ug/l	100
85) sec-Butylbenzene	11.890	105	997262	107.299	ug/l	100
86) p-Isopropyltoluene	12.012	119	865090	108.924	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	461998	105.879	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	463678	108.628	ug/l	100
89) n-Butylbenzene	12.335	91	745539	112.252	ug/l	99
90) Hexachloroethane	12.536	117	148873	116.187	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	442714	106.184	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	63278	119.217	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	318350	126.887	ug/l	99
94) Hexachlorobutadiene	13.725	225	150833	118.414	ug/l	99
95) Naphthalene	13.774	128	941077	120.888	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	312861	122.904	ug/l	98

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Instrument :
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ClientSampleId :
VSTDICC100

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

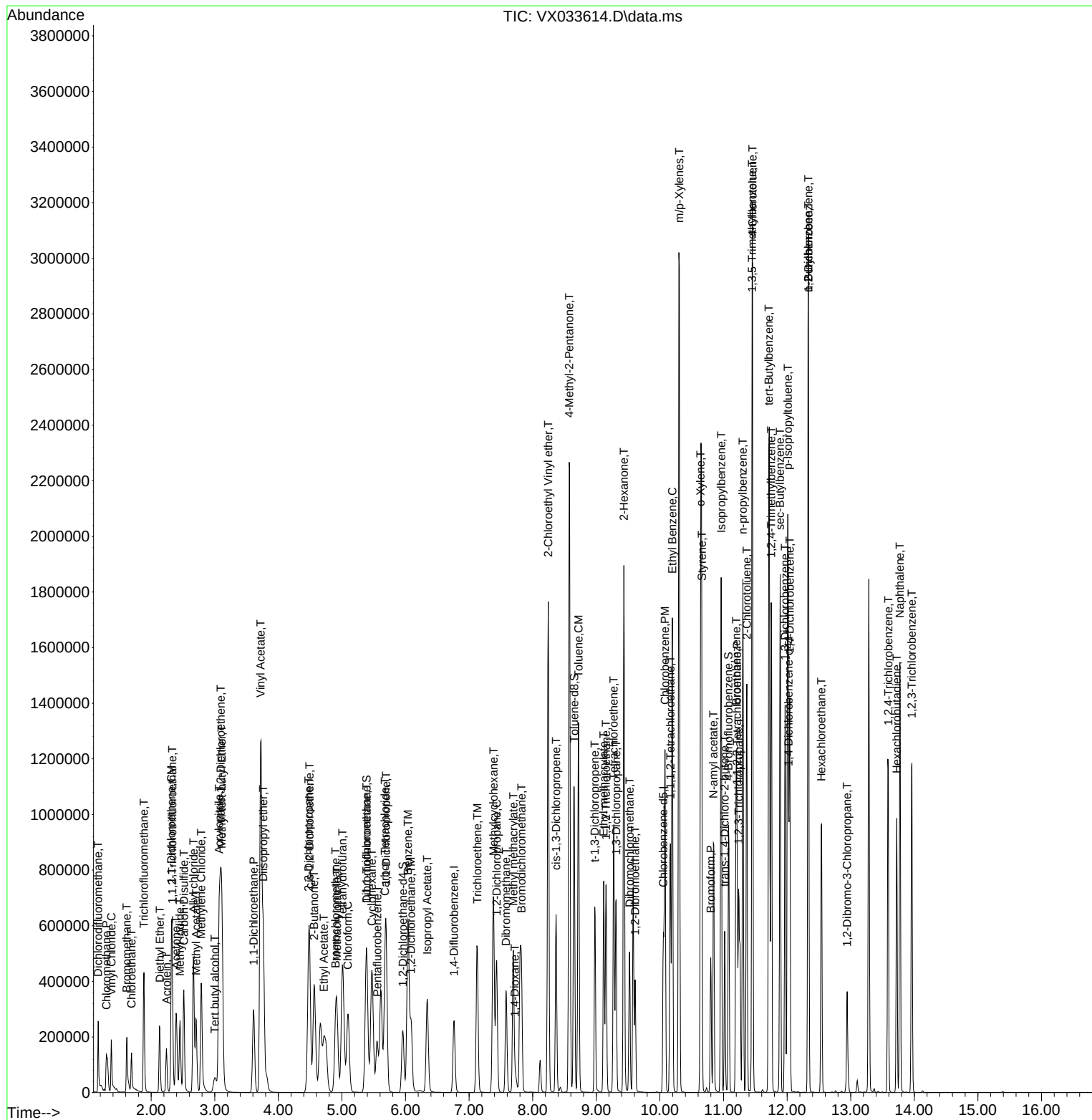
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
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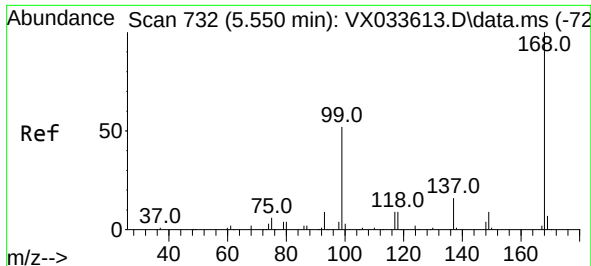
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ClientSampleId :
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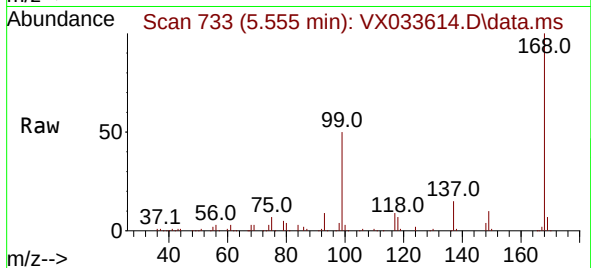
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX033614.D
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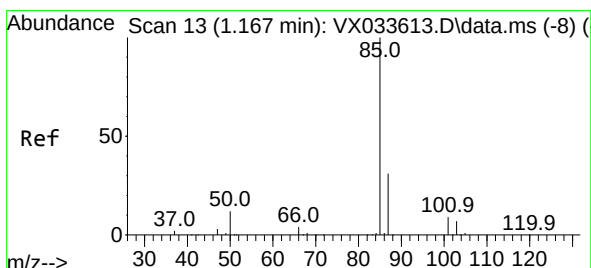
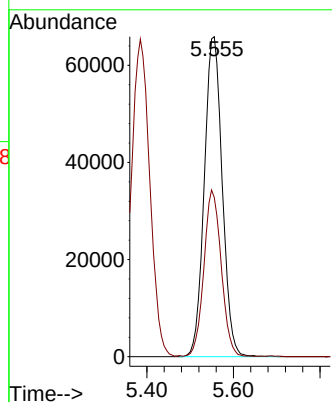
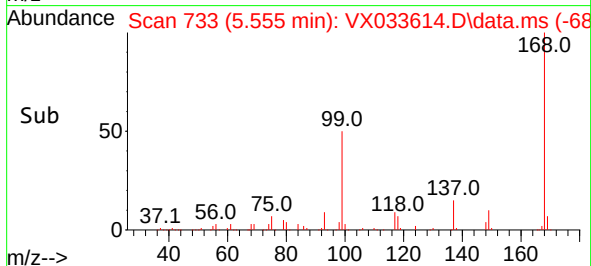
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 18955
Ion Ratio Lower Upper
168 100
99 49.6 41.4 62.2

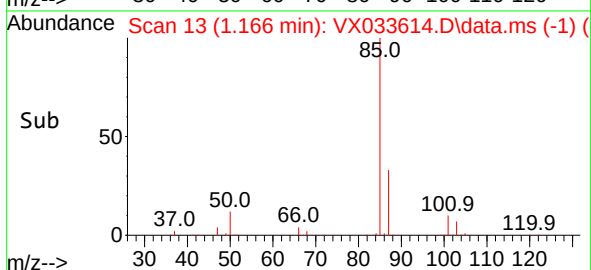
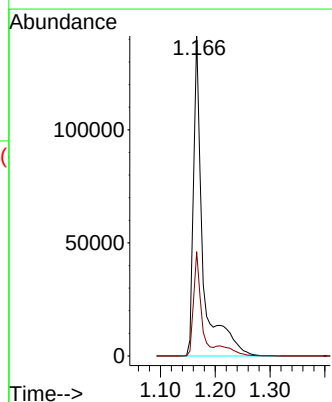
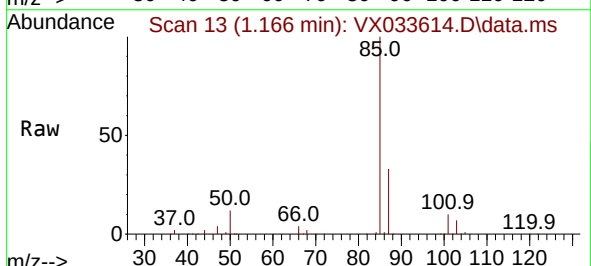
Manual Integrations
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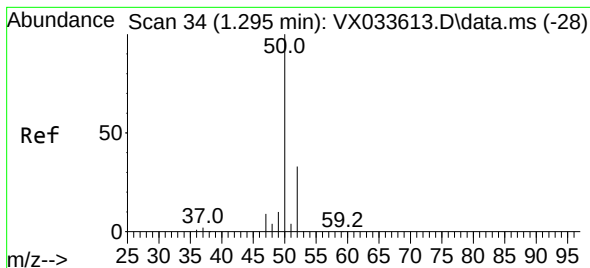
Reviewed By :John Carlone 01/05/2023
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#2
Dichlorodifluoromethane
Concen: 112.174 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 85 Resp: 169656
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0





#3

Chloromethane

Concen: 95.814 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 18434

Ion Ratio Lower Upper

50 100

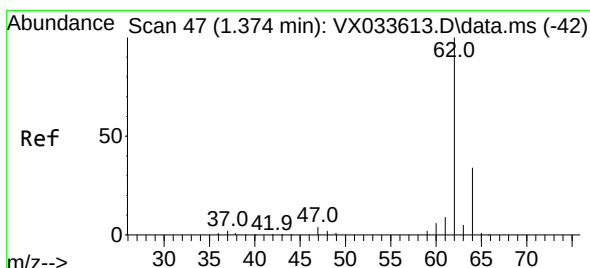
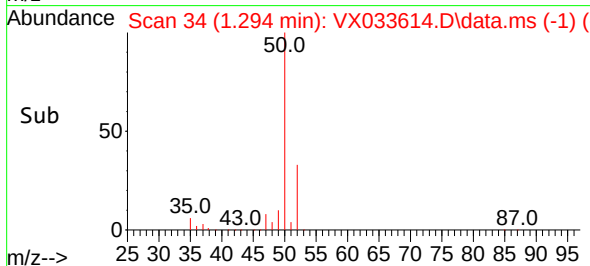
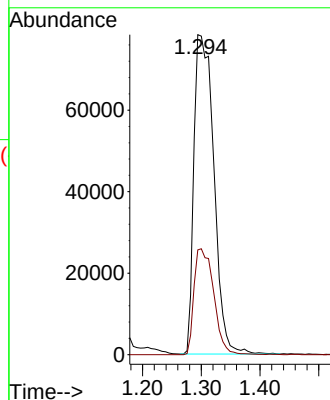
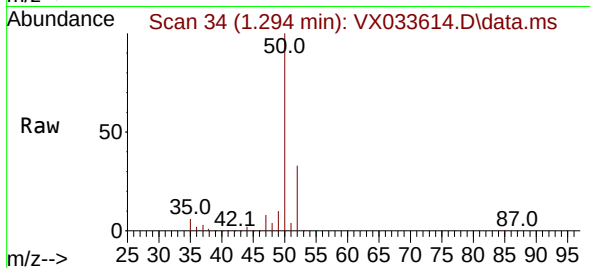
52 32.8 26.1 39.1

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 85.955 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX033614.D

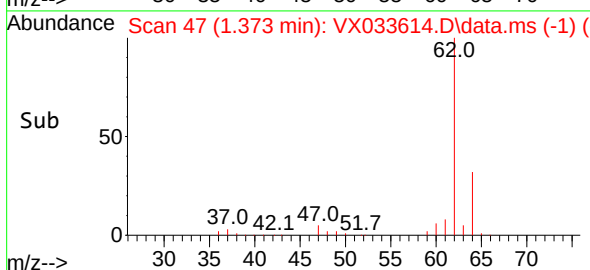
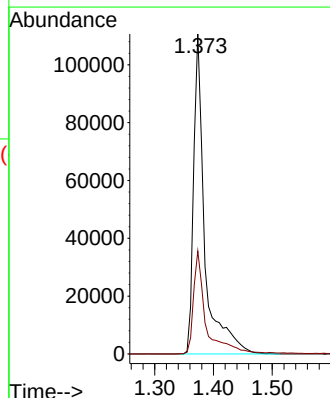
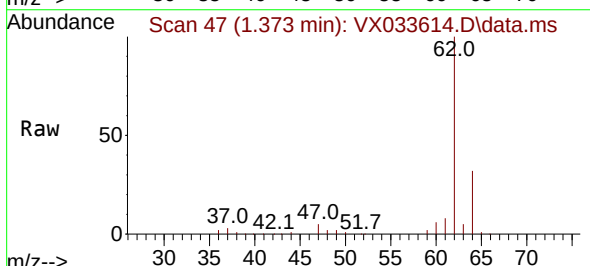
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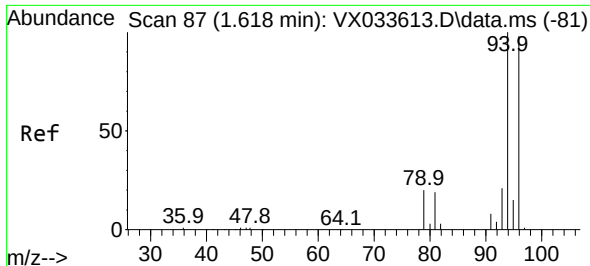
Tgt Ion: 62 Resp: 146688

Ion Ratio Lower Upper

62 100

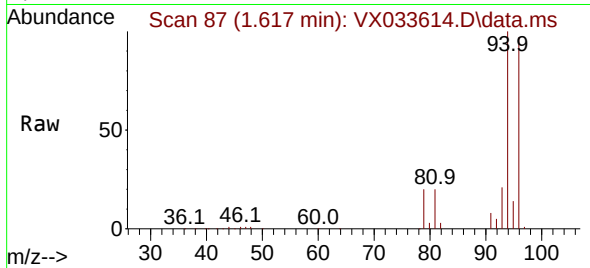
64 32.1 27.2 40.8





#5
Bromomethane
Concen: 103.665 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033614.D
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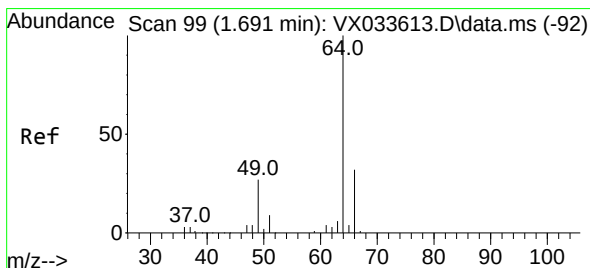
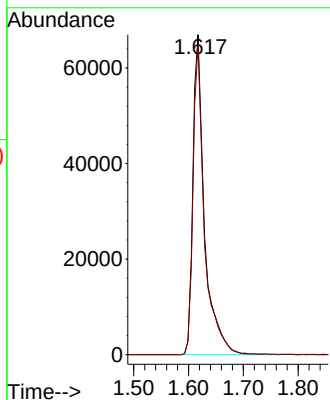
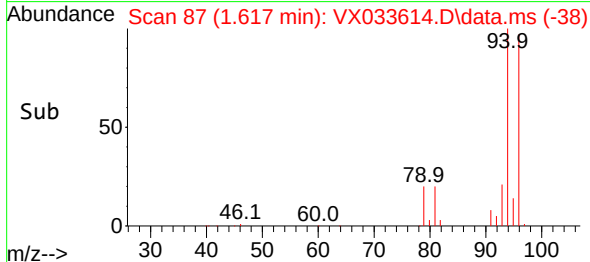
Instrument :
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Tgt Ion: 94 Resp: 98925
Ion Ratio Lower Upper
94 100
96 96.7 78.0 117.0

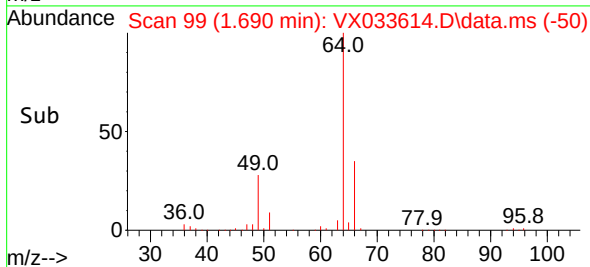
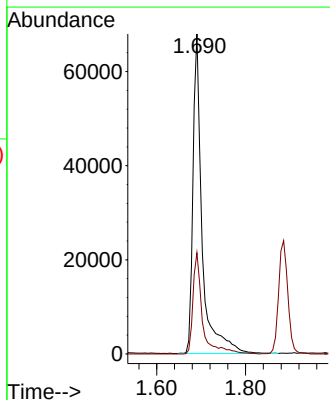
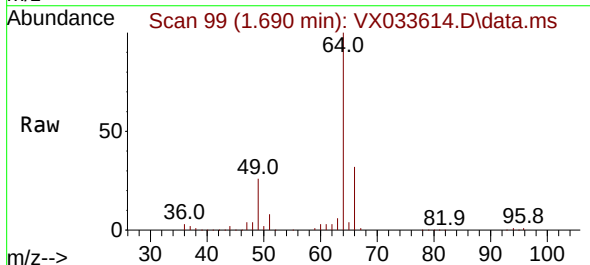
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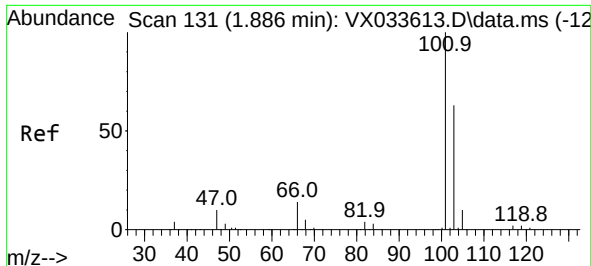
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#6
Chloroethane
Concen: 98.571 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033614.D
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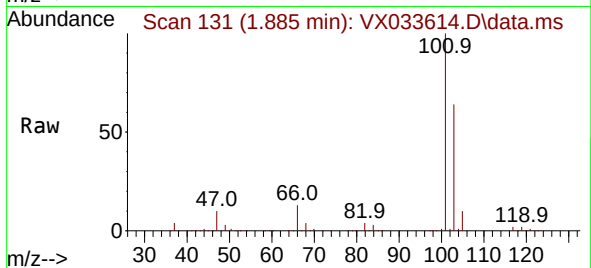
Tgt Ion: 64 Resp: 96930
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5





#7
Trichlorofluoromethane
Concen: 108.815 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

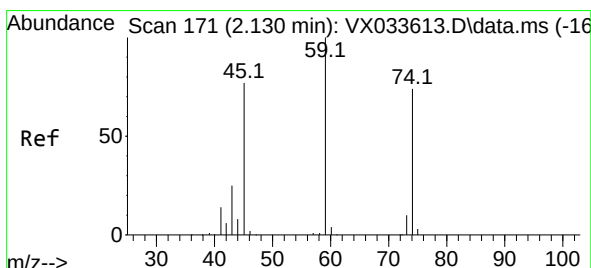
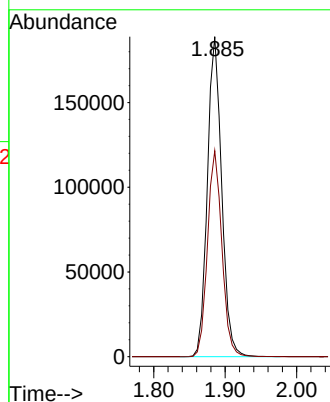
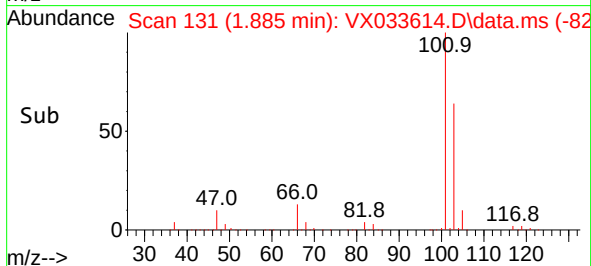
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 26271
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

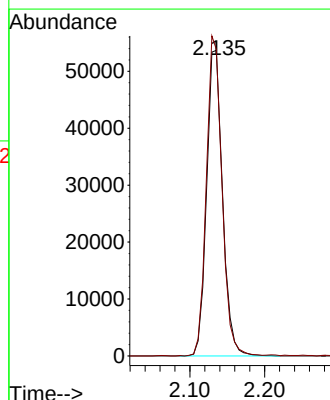
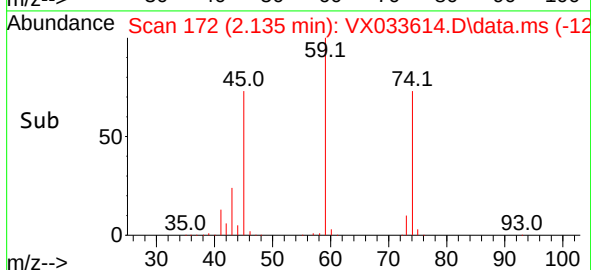
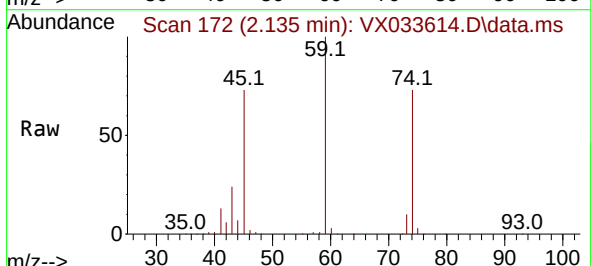
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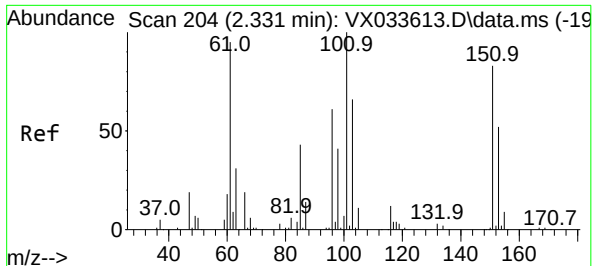
Reviewed By :John Carlone 01/05/2023
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#8
Diethyl Ether
Concen: 104.850 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033614.D
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Tgt Ion: 74 Resp: 79614
Ion Ratio Lower Upper
74 100
45 102.5 50.1 150.4





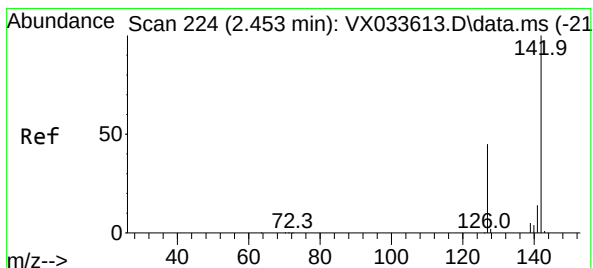
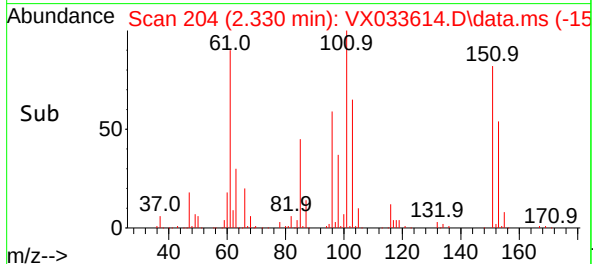
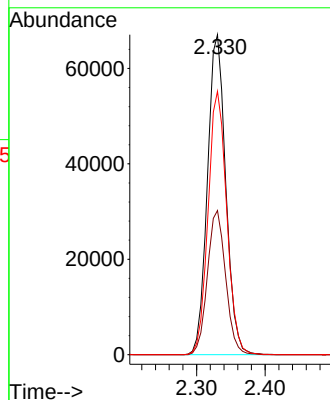
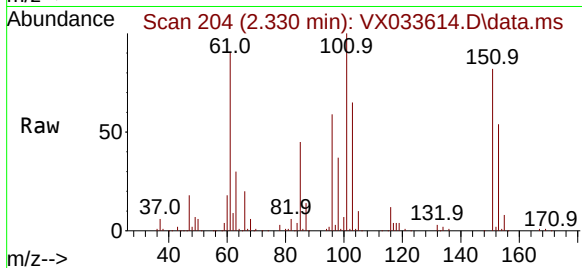
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.647 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 124670
Ion Ratio Lower Upper
101 100
85 44.9 35.7 53.5
151 83.6 66.7 100.1

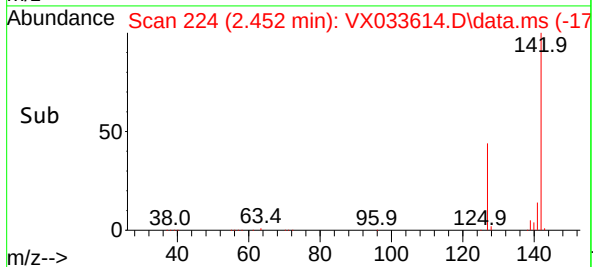
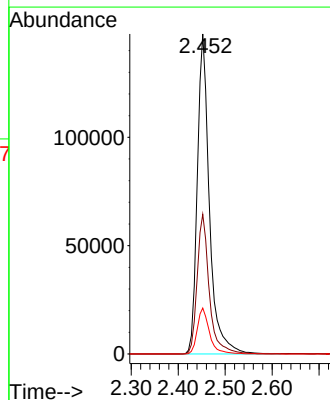
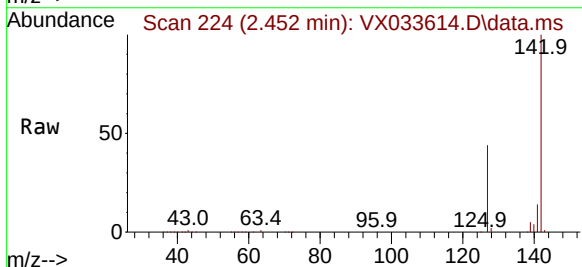
Manual Integrations
APPROVED

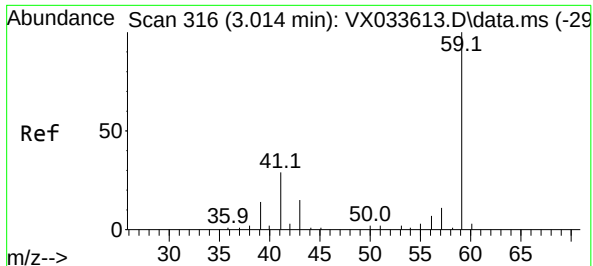
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#10
Methyl Iodide
Concen: 120.638 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion:142 Resp: 265735
Ion Ratio Lower Upper
142 100
127 43.6 35.7 53.5
141 14.4 11.6 17.4





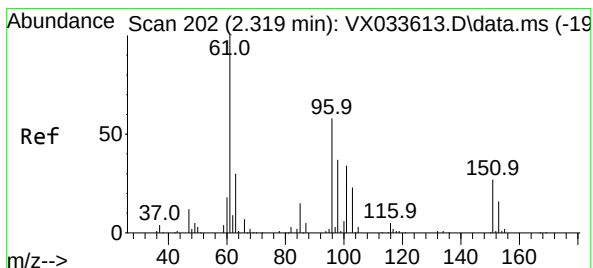
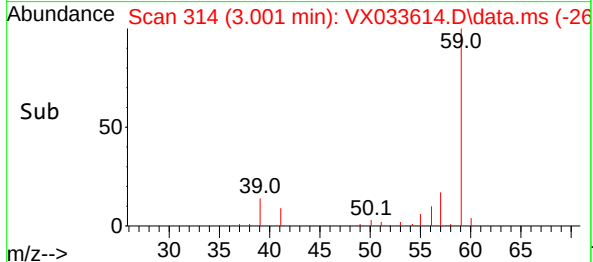
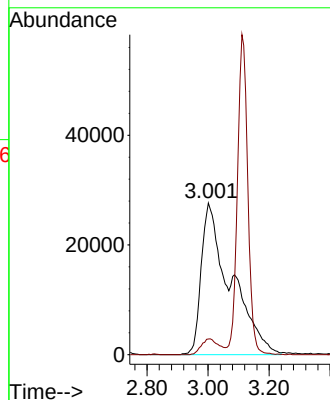
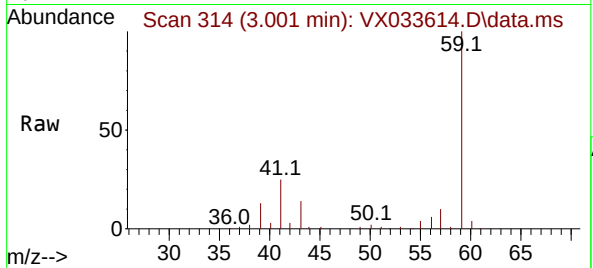
#11
Tert butyl alcohol
Concen: 527.147 ug/l m
RT: 3.001 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 184948
Ion Ratio Lower Upper
59 100
57 6.3 5.5 8.3

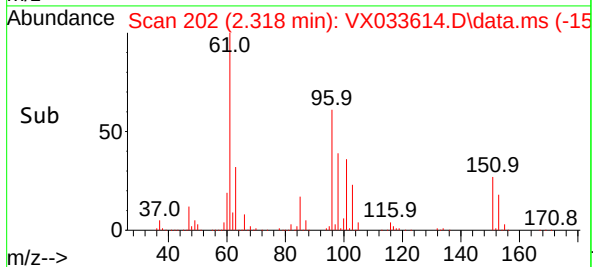
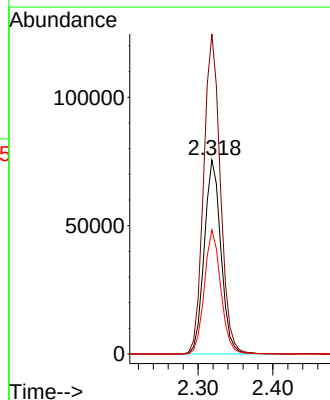
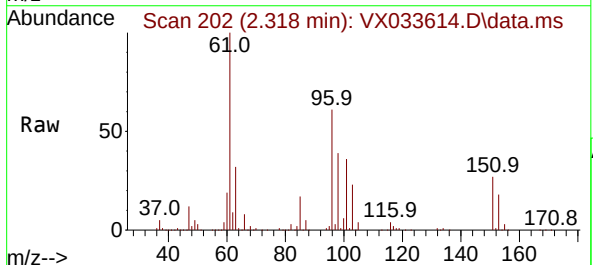
Manual Integrations
APPROVED

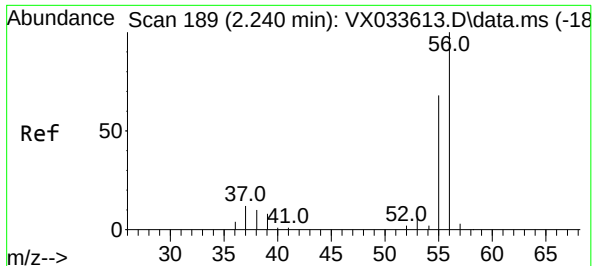
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#12
1,1-Dichloroethene
Concen: 98.347 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 96 Resp: 116966
Ion Ratio Lower Upper
96 100
61 164.9 139.1 208.7
98 63.9 50.8 76.2





#13

Acrolein

Concen: 481.214 ug/l

RT: 2.239 min Scan# 111492

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 111492

Ion Ratio Lower Upper

56 100

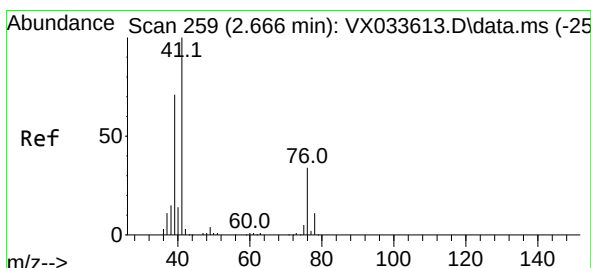
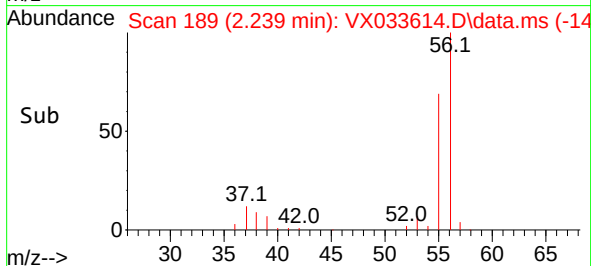
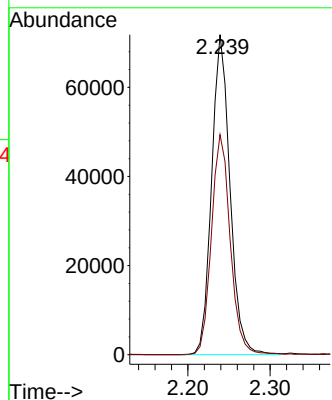
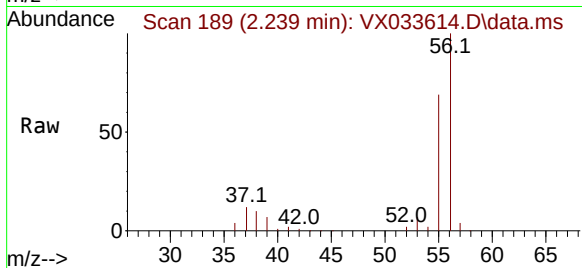
55 70.5 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#14

Allyl chloride

Concen: 108.772 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

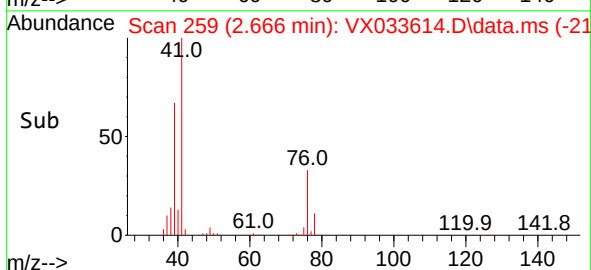
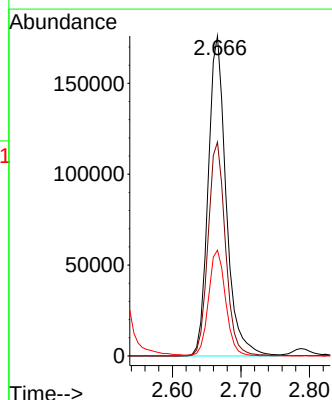
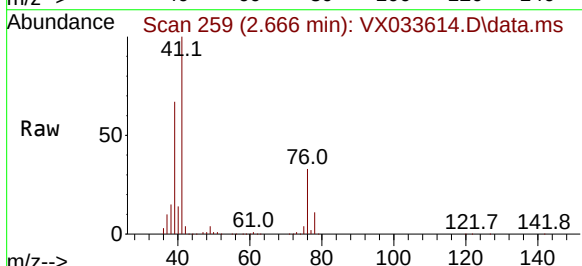
Tgt Ion: 41 Resp: 321672

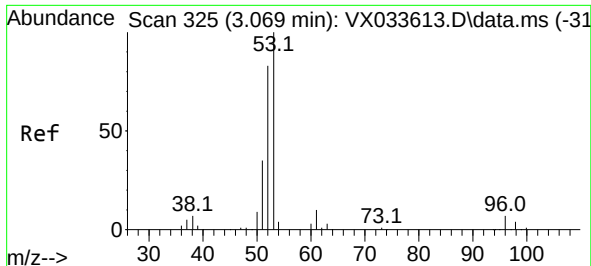
Ion Ratio Lower Upper

41 100

39 64.7 53.3 79.9

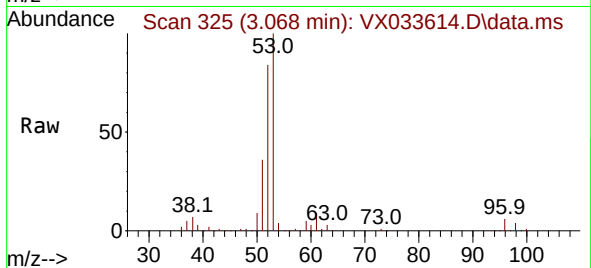
76 31.6 25.0 37.4





#15
Acrylonitrile
Concen: 532.801 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

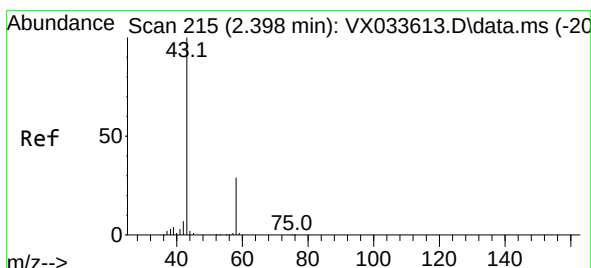
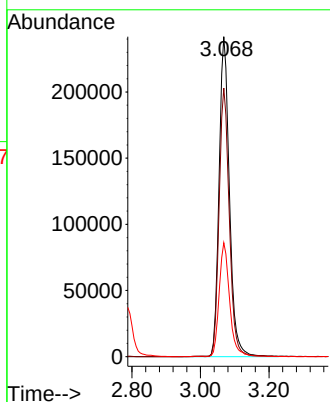
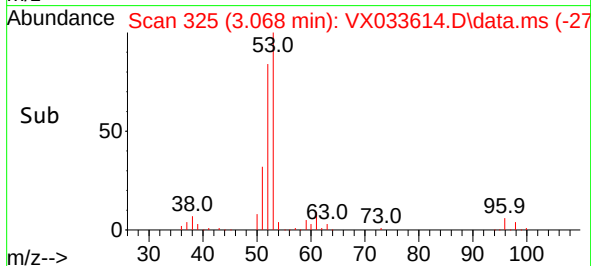
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 506608
Ion Ratio Lower Upper
53 100
52 82.7 66.7 100.1
51 35.8 29.8 44.8

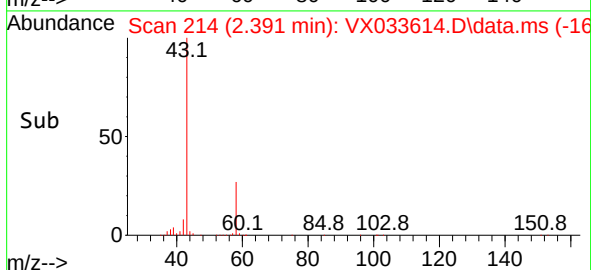
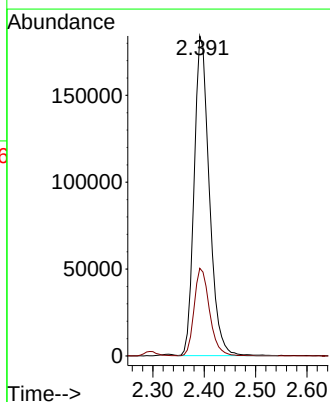
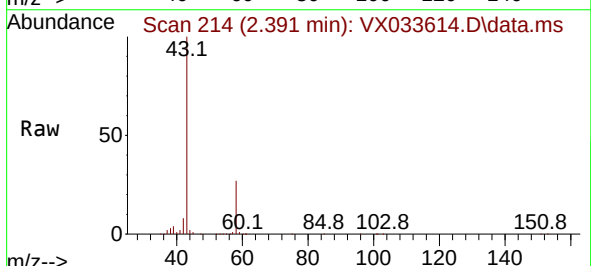
Manual Integrations
APPROVED

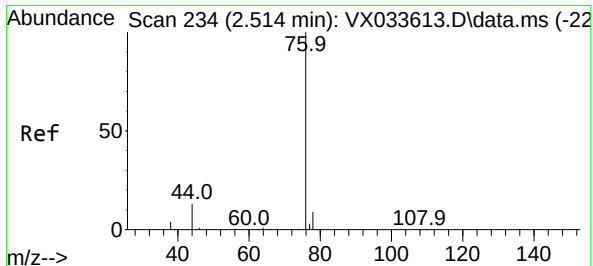
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#16
Acetone
Concen: 456.795 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 43 Resp: 376924
Ion Ratio Lower Upper
43 100
58 27.4 22.9 34.3





#17

Carbon Disulfide

Concen: 113.886 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 444964

Ion Ratio Lower Upper

76 100

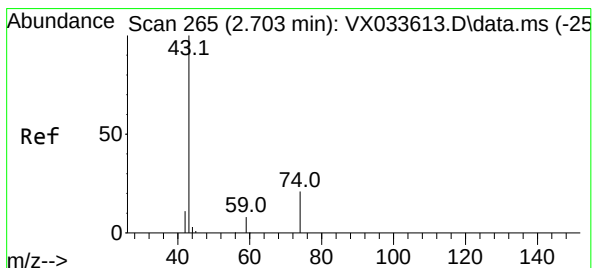
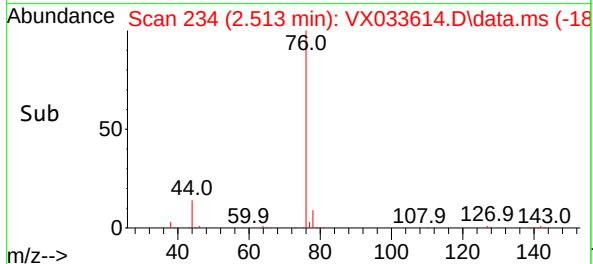
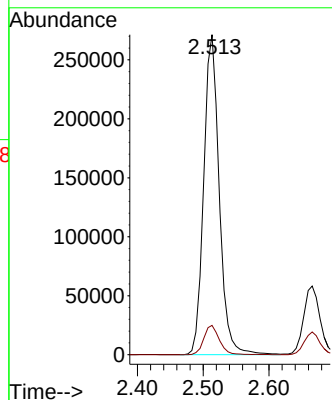
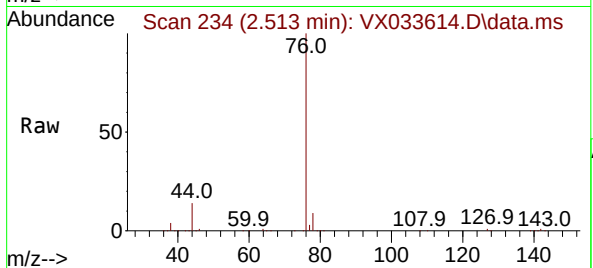
78 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#18

Methyl Acetate

Concen: 105.679 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX033614.D

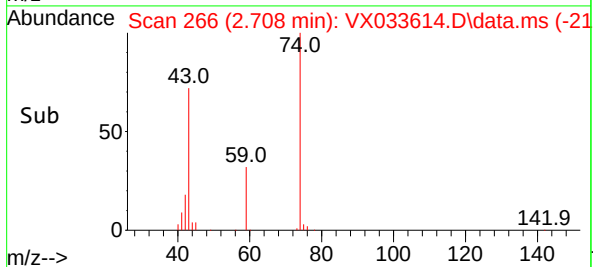
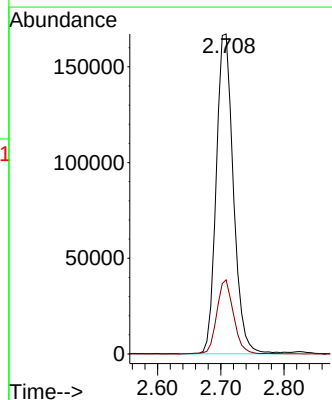
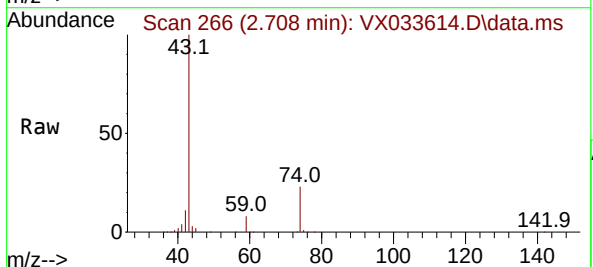
Acq: 04 Jan 2023 12:37

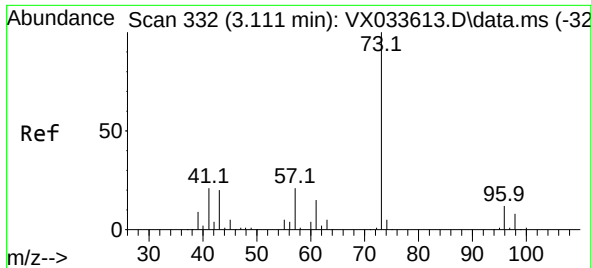
Tgt Ion: 43 Resp: 313446

Ion Ratio Lower Upper

43 100

74 22.7 17.9 26.9





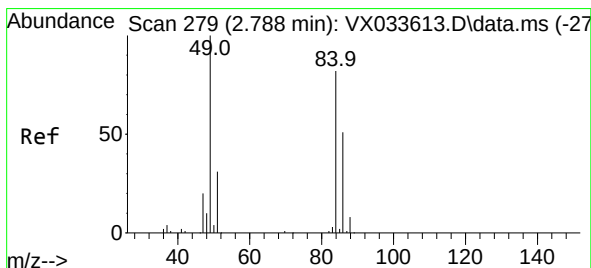
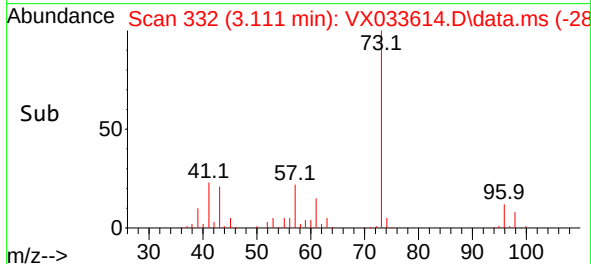
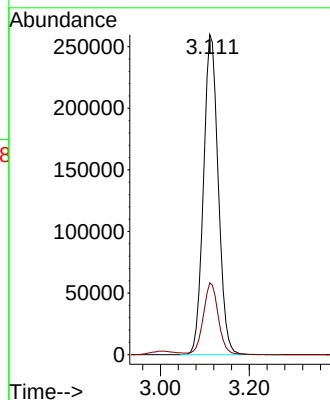
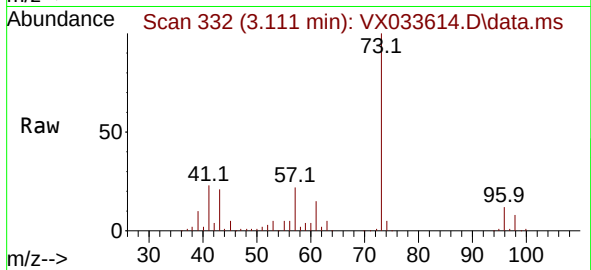
#19
Methyl tert-butyl Ether
Concen: 107.832 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 600164
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2

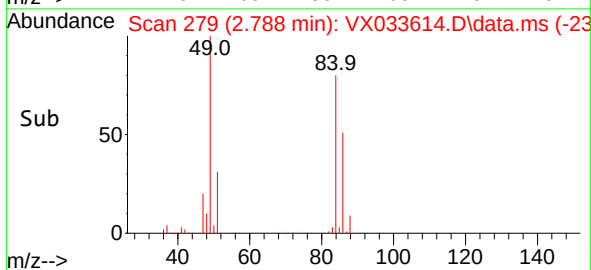
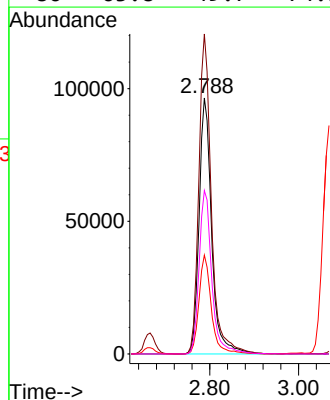
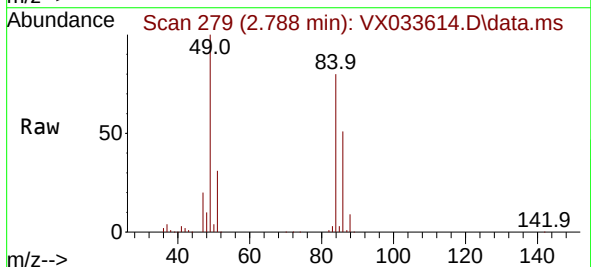
Manual Integrations
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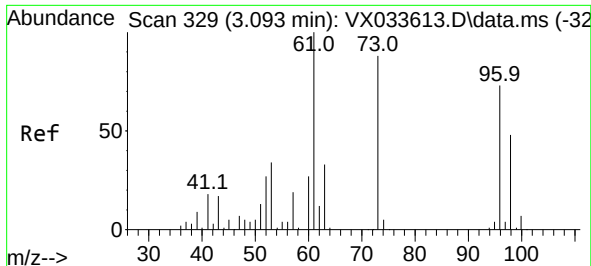
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#20
Methylene Chloride
Concen: 88.688 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

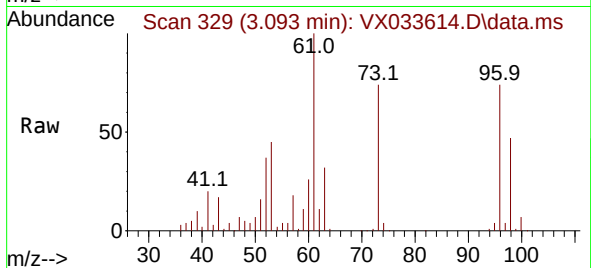
Tgt Ion: 84 Resp: 189694
Ion Ratio Lower Upper
84 100
49 125.0 97.6 146.4
51 38.6 30.4 45.6
86 63.8 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 106.082 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

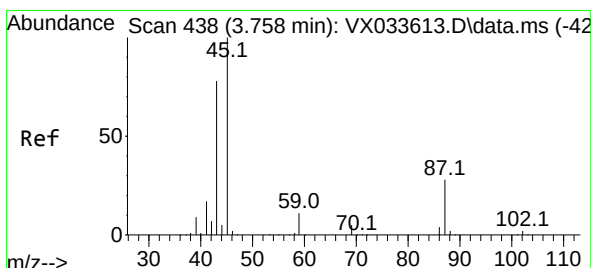
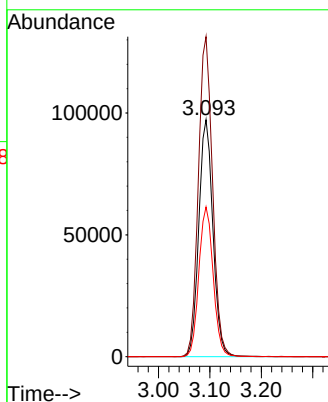
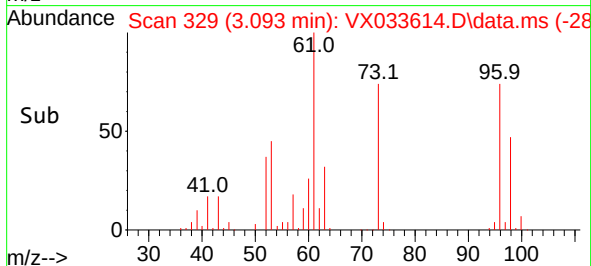
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



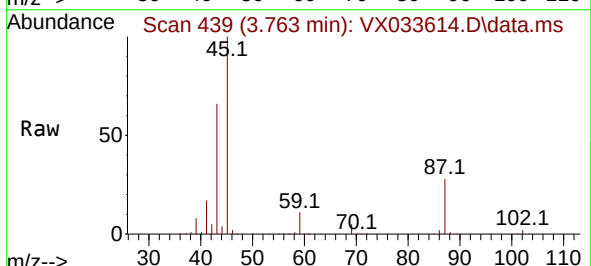
Tgt Ion: 96 Resp: 185544
Ion Ratio Lower Upper
96 100
61 135.0 109.7 164.5
98 63.2 52.2 78.2

Manual Integrations
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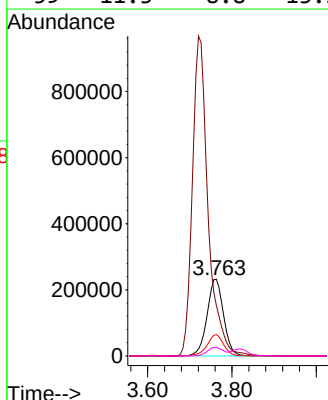
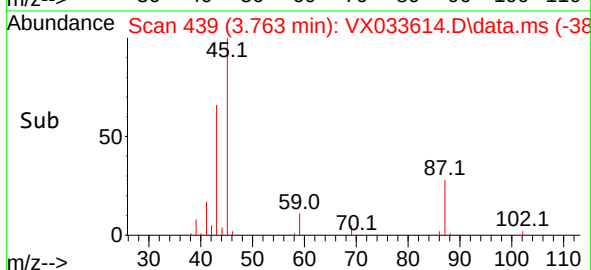
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

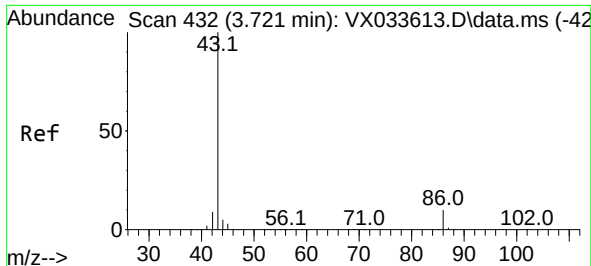


#22
Diisopropyl ether
Concen: 105.997 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



Tgt Ion: 45 Resp: 631594
Ion Ratio Lower Upper
45 100
43 65.3 62.6 93.8
87 28.0 22.1 33.1
59 11.3 8.8 13.2





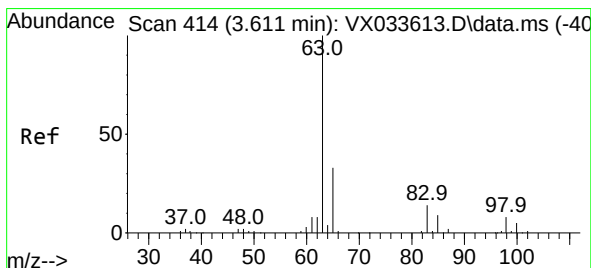
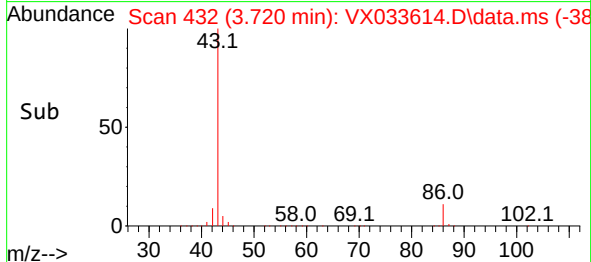
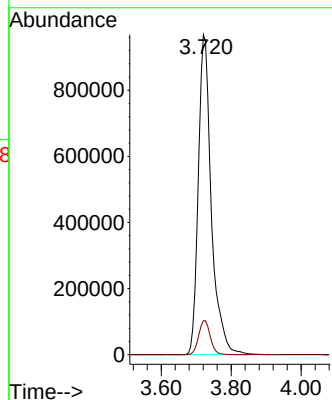
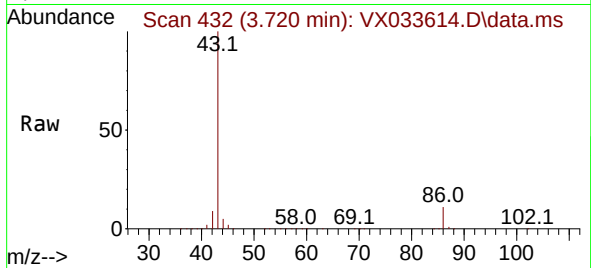
#23
 Vinyl Acetate
 Concen: 548.208 ug/l
 RT: 3.720 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX033614.D
 Acq: 04 Jan 2023 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2508349
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5

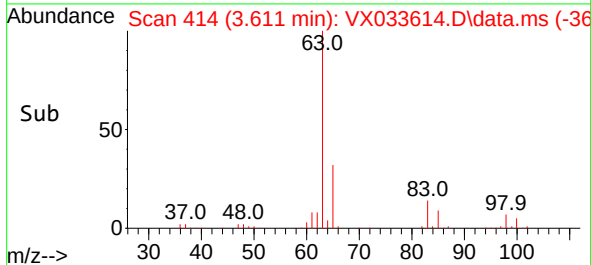
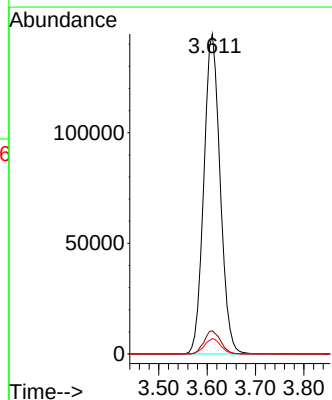
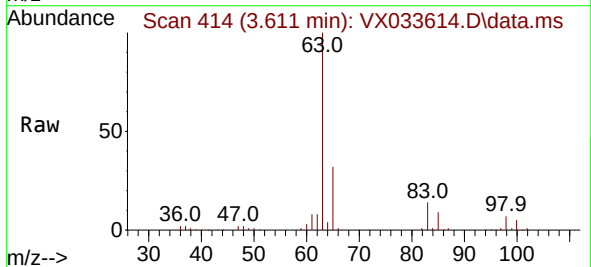
Manual Integrations
 APPROVED

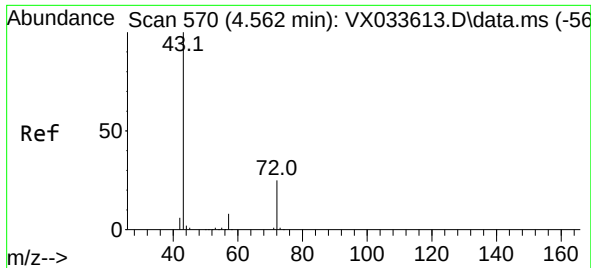
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#24
 1,1-Dichloroethane
 Concen: 105.055 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033614.D
 Acq: 04 Jan 2023 12:37

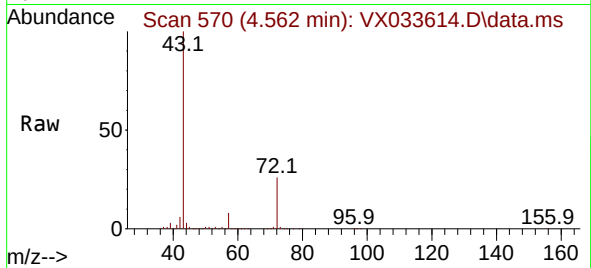
Tgt Ion: 63 Resp: 338688
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.8 2.5 7.6





#25
2-Butanone
Concen: 524.071 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

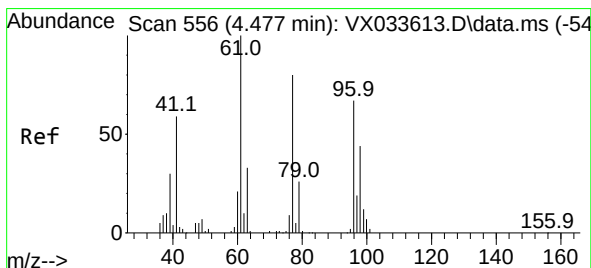
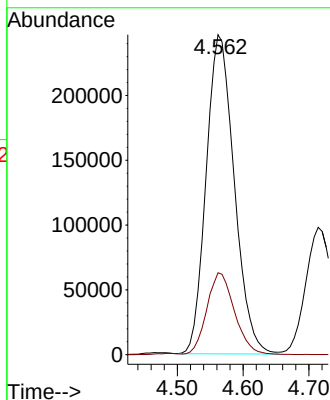
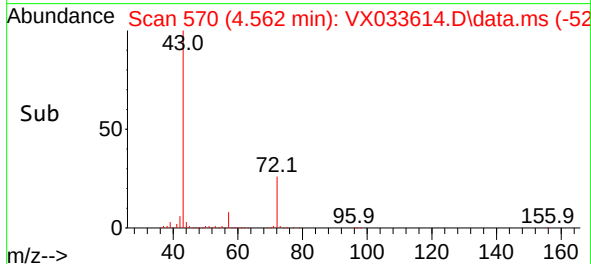
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 73178
Ion Ratio Lower Upper
43 100
72 25.5 19.8 29.6

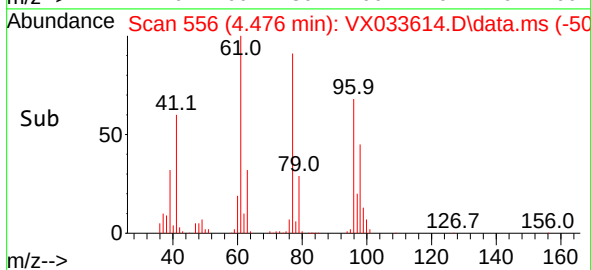
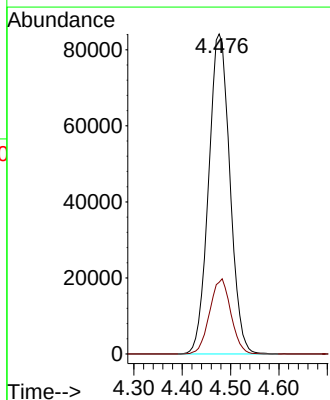
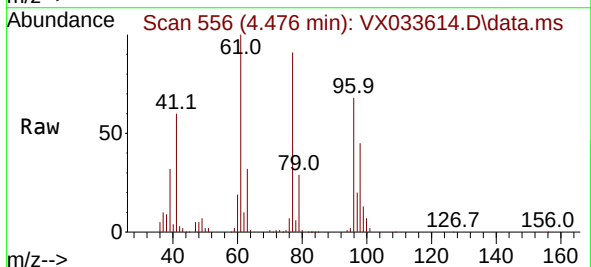
Manual Integrations
APPROVED

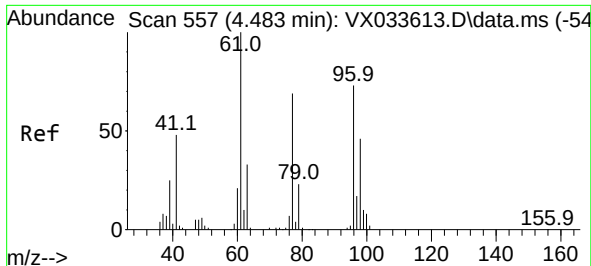
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#26
2,2-Dichloropropane
Concen: 115.451 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 77 Resp: 257317
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 106.965 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 216992

Ion Ratio Lower Upper

96 100

61 140.7 0.0 283.8

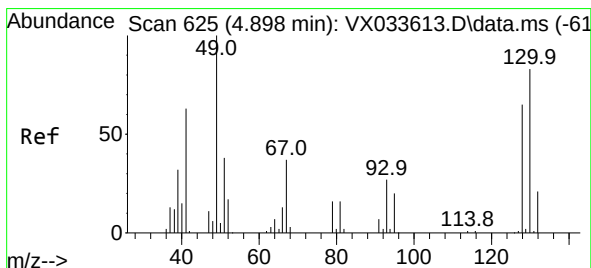
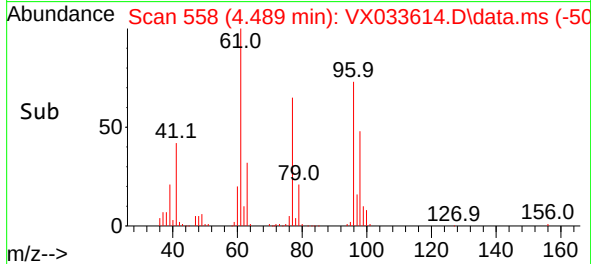
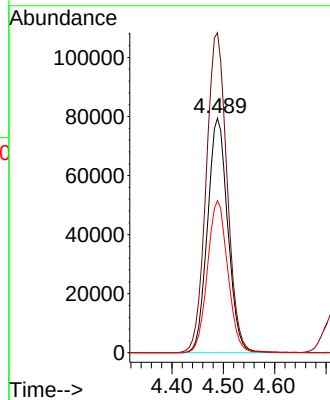
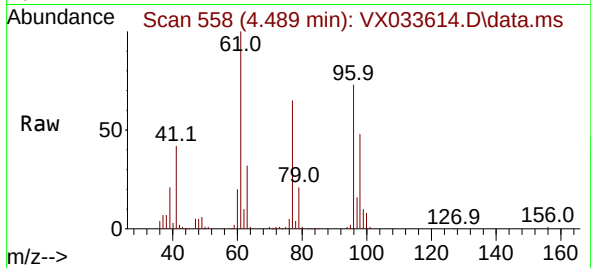
98 65.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#28

Bromochloromethane

Concen: 100.825 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

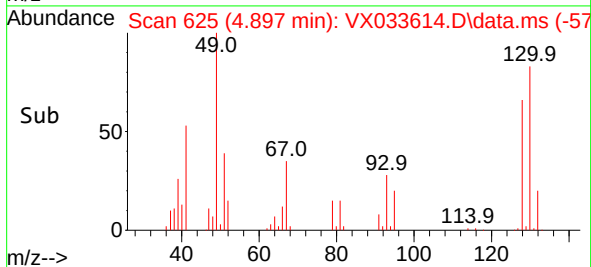
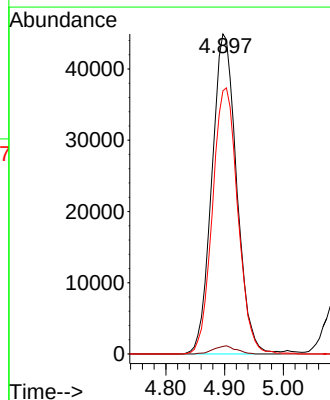
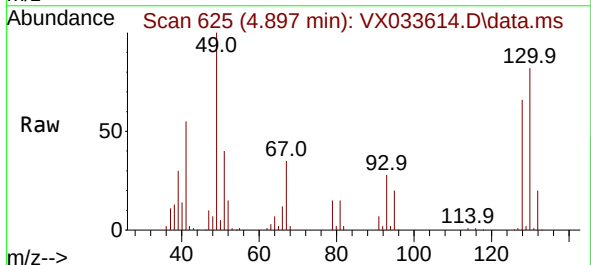
Tgt Ion: 49 Resp: 132041

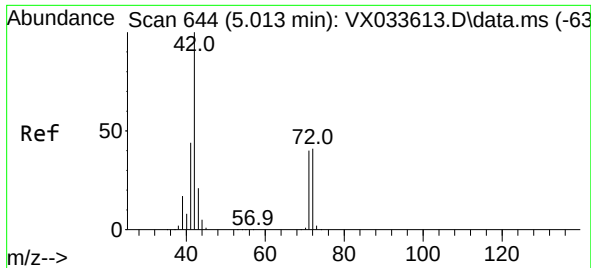
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 84.7 66.6 100.0





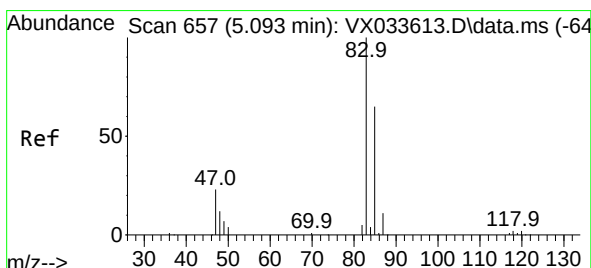
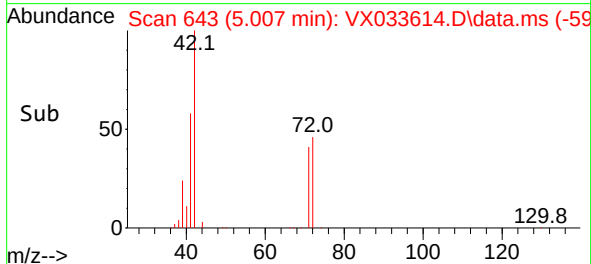
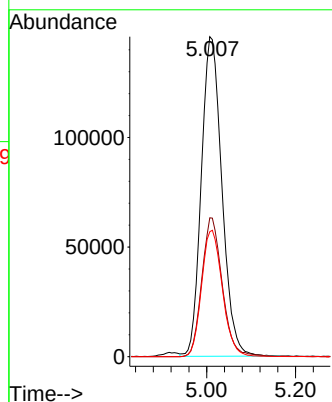
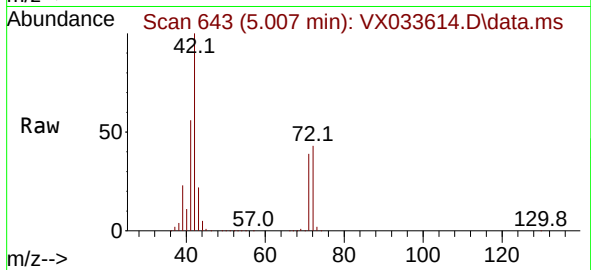
#29
Tetrahydrofuran
Concen: 530.529 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.007 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 470144
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.1 31.4 47.0

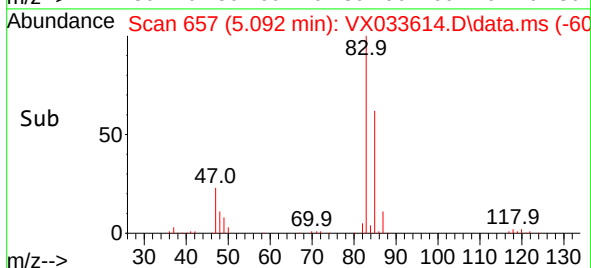
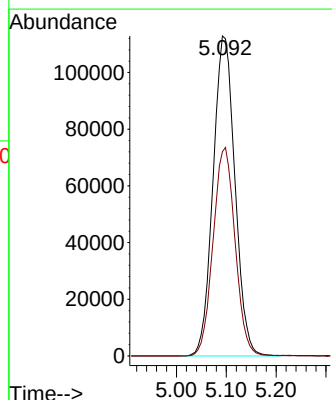
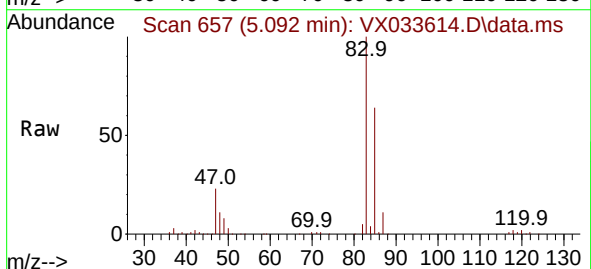
Manual Integrations
APPROVED

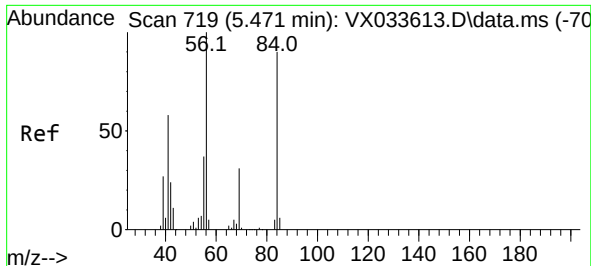
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#30
Chloroform
Concen: 104.580 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

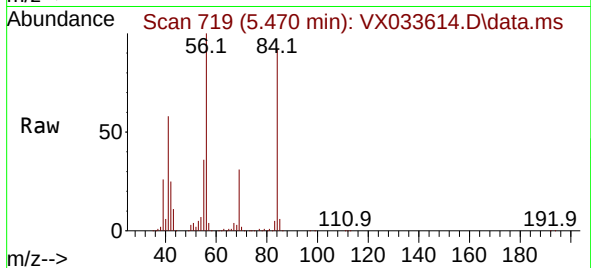
Tgt Ion: 83 Resp: 344437
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.2





#31
Cyclohexane
Concen: 105.676 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

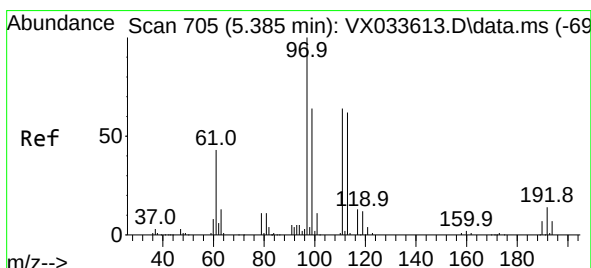
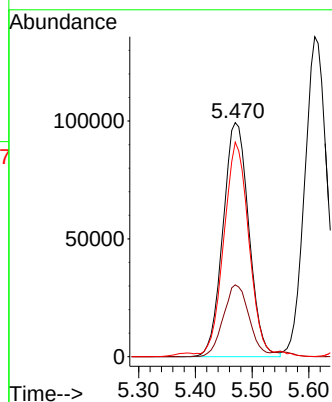
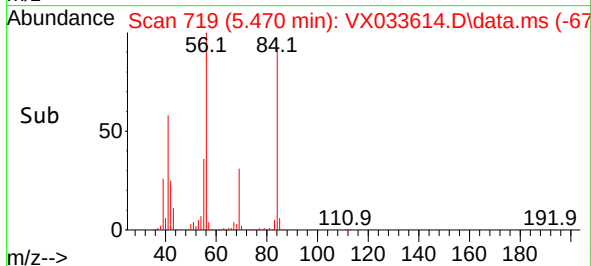
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 314790
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 90.2 72.2 108.2

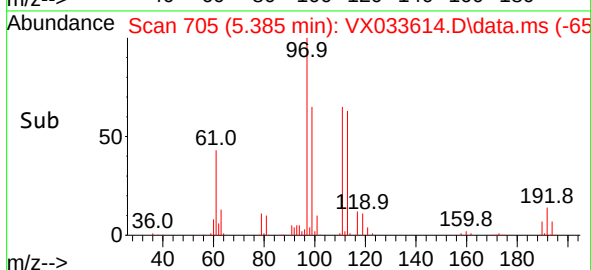
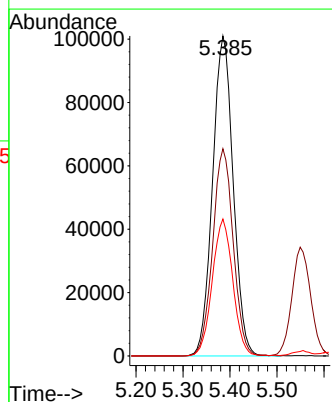
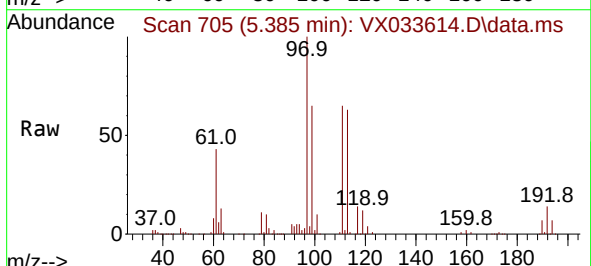
Manual Integrations
APPROVED

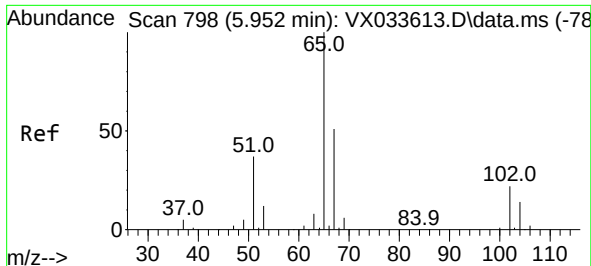
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#32
1,1,1-Trichloroethane
Concen: 108.038 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 97 Resp: 307670
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 42.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 100.259 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 21454

Ion Ratio Lower Upper

65 100

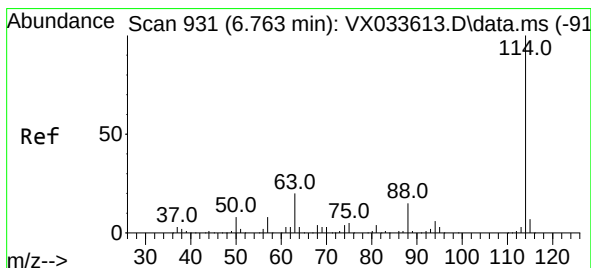
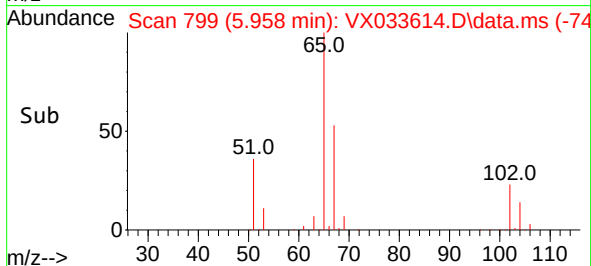
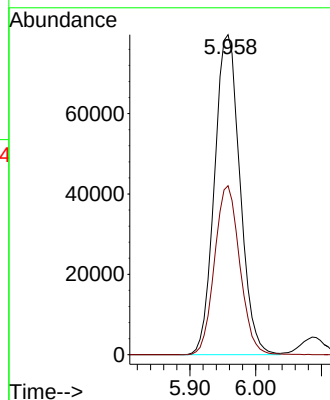
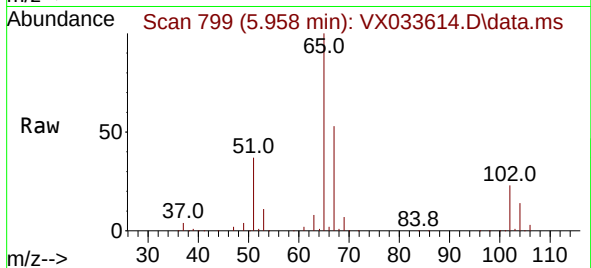
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

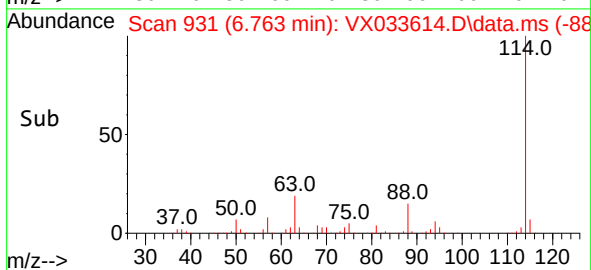
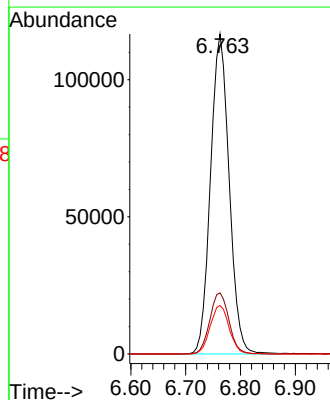
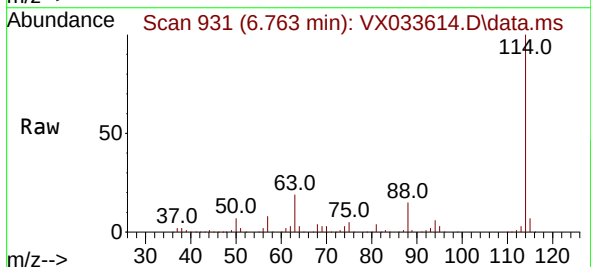
Tgt Ion:114 Resp: 275097

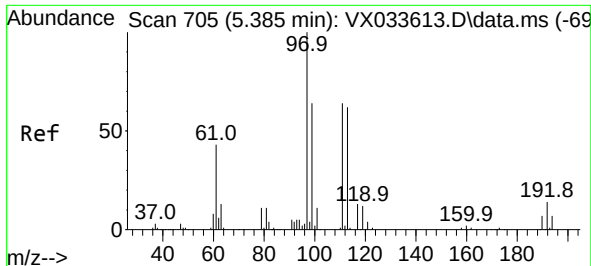
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

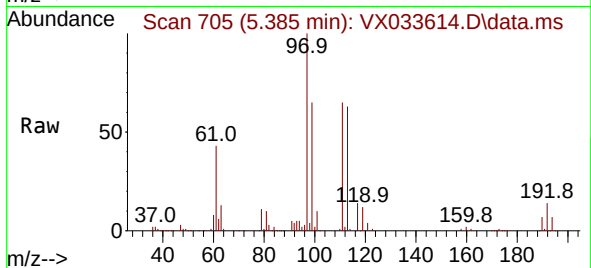
88 15.2 0.0 29.6





#35
Dibromofluoromethane
Concen: 102.166 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

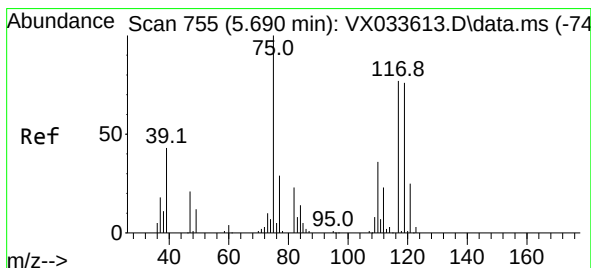
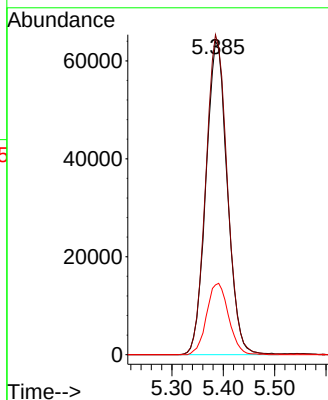
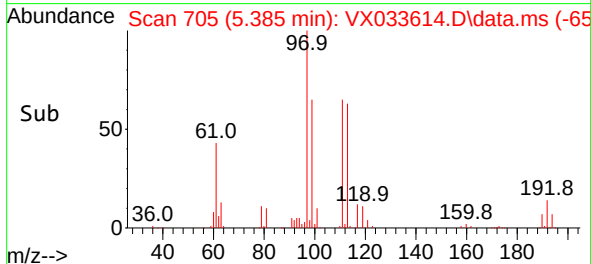
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 184734
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 23.4 18.2 27.2

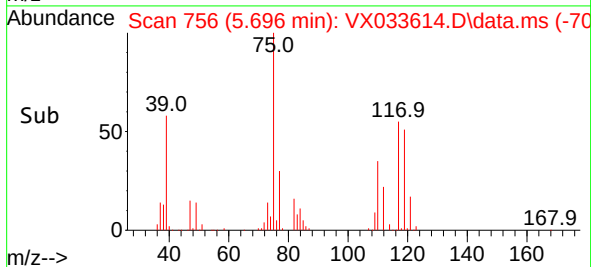
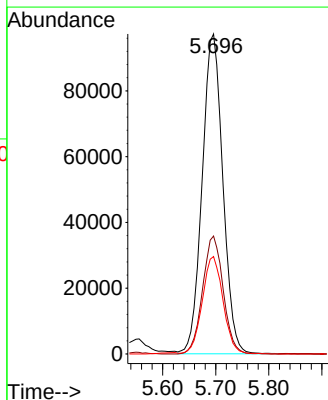
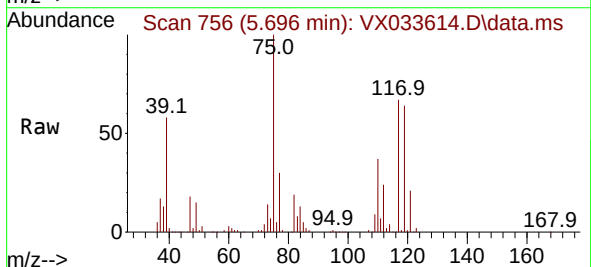
Manual Integrations
APPROVED

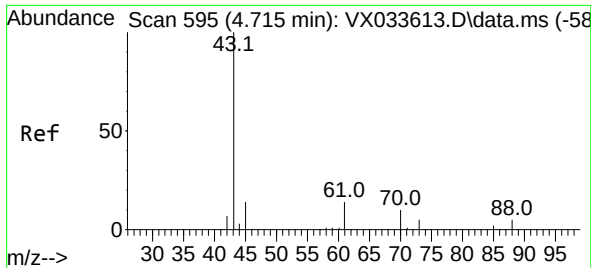
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#36
1,1-Dichloropropene
Concen: 107.462 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

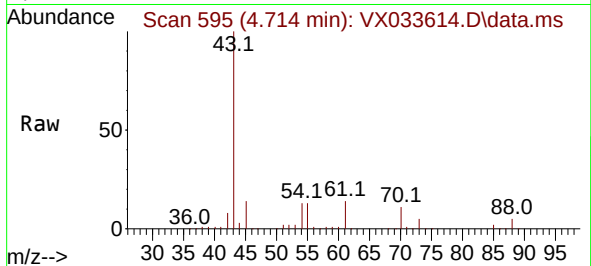
Tgt Ion: 75 Resp: 263207
Ion Ratio Lower Upper
75 100
110 36.8 18.0 54.0
77 30.7 24.5 36.7





#37
Ethyl Acetate
Concen: 95.266 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

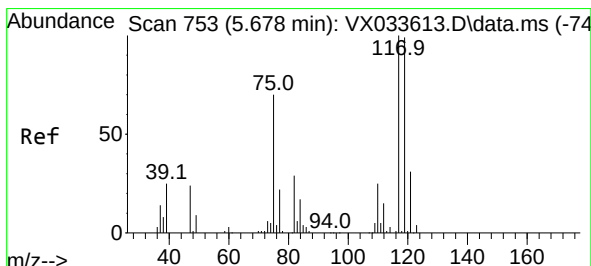
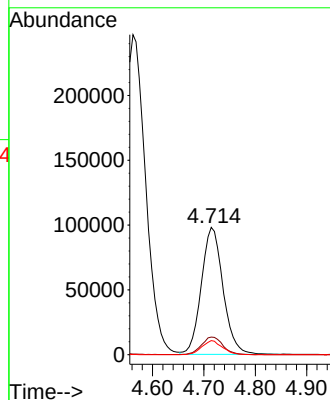
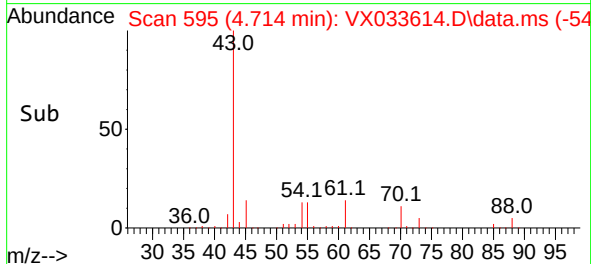
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 287625
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.4 8.1 12.1

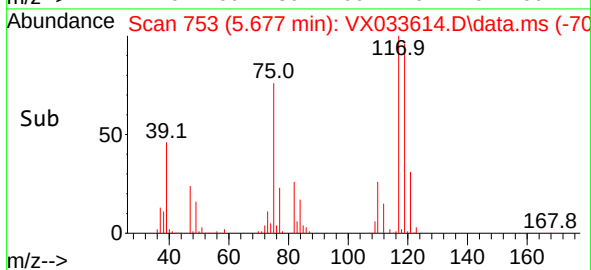
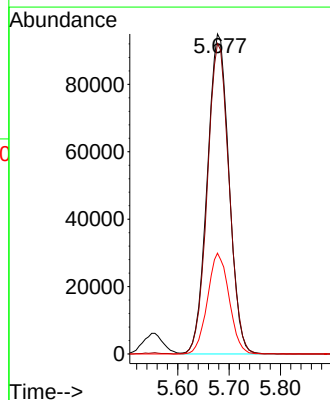
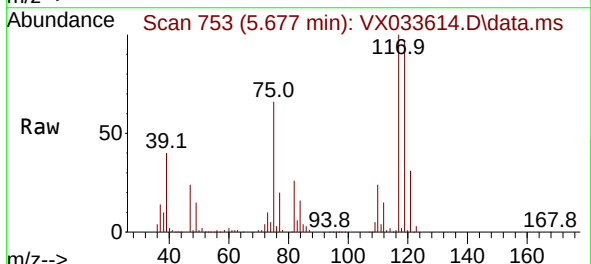
Manual Integrations
APPROVED

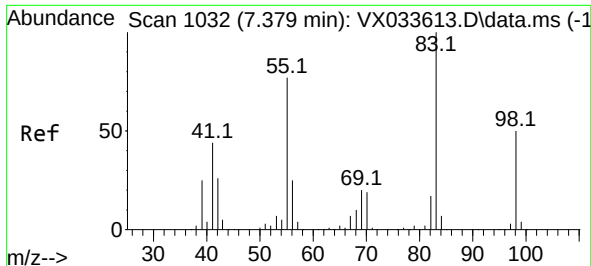
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#38
Carbon Tetrachloride
Concen: 107.597 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion:117 Resp: 278896
Ion Ratio Lower Upper
117 100
119 96.9 78.8 118.2
121 31.5 24.9 37.3





#39

Methylcyclohexane

Concen: 107.538 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 32887

Ion Ratio Lower Upper

83 100

55 75.5 61.4 92.2

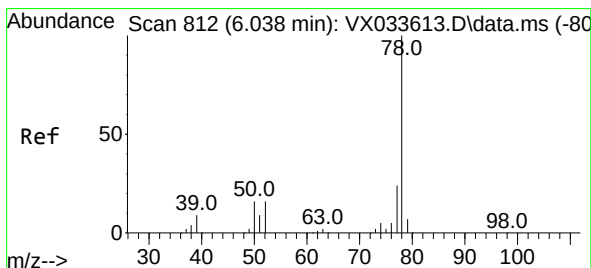
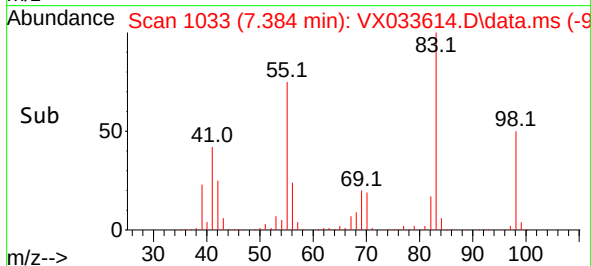
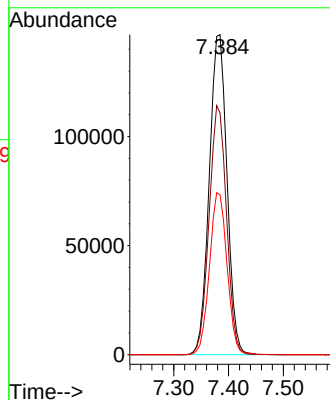
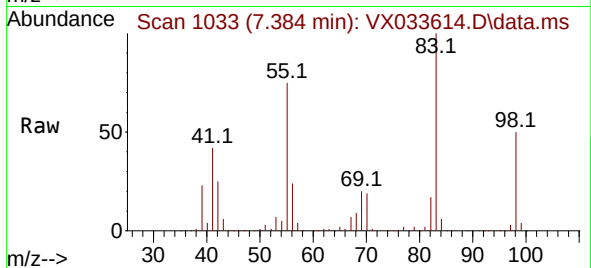
98 50.0 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#40

Benzene

Concen: 104.729 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033614.D

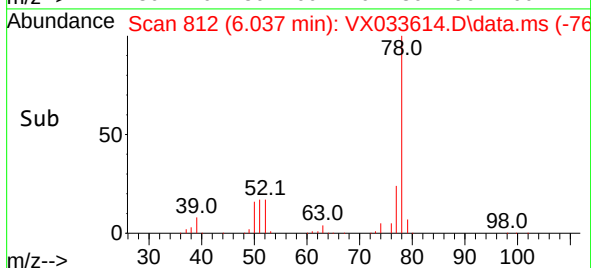
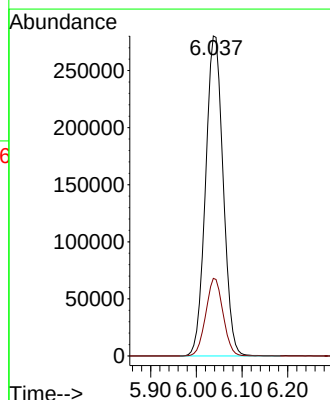
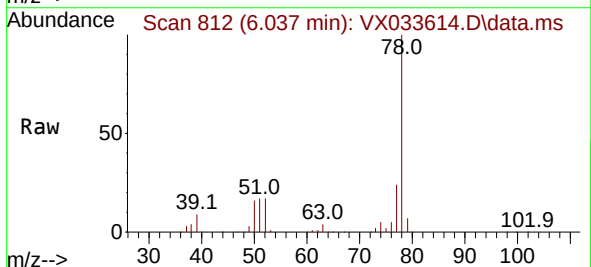
Acq: 04 Jan 2023 12:37

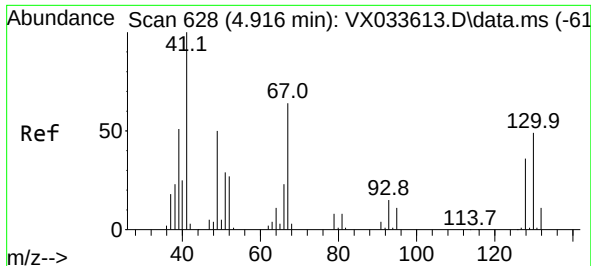
Tgt Ion: 78 Resp: 749728

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 110.387 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

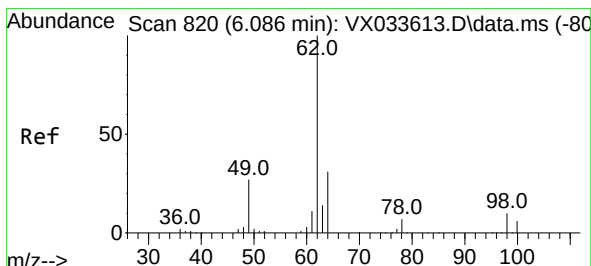
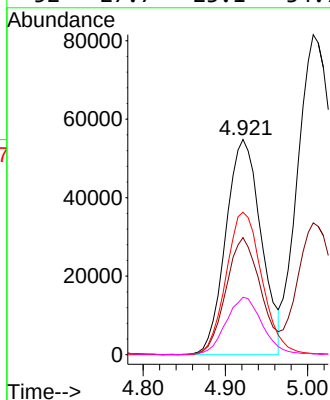
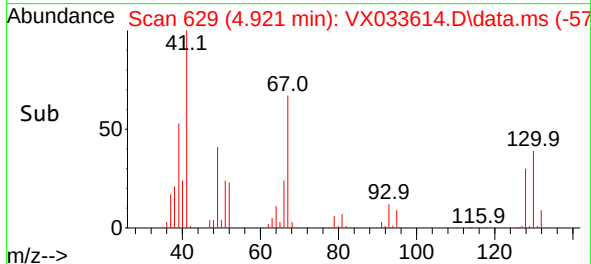
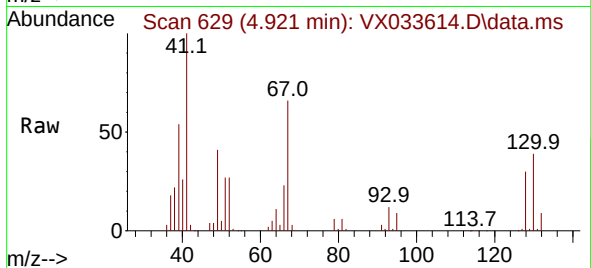
VSTDICC100

Tgt Ion: 41 Resp: 164272
Ion Ratio Lower Upper
41 100
39 53.5 44.1 66.1
67 67.4 53.8 80.6
52 27.7 23.1 34.7

Manual Integrations

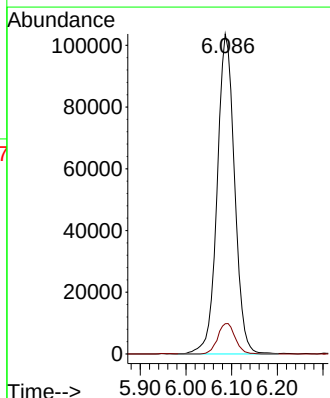
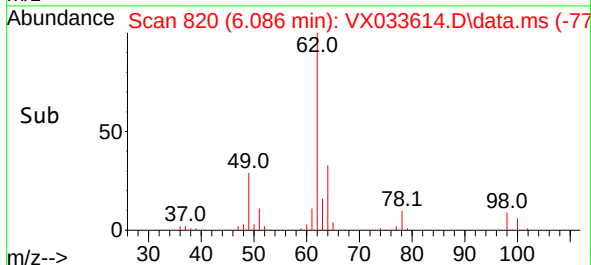
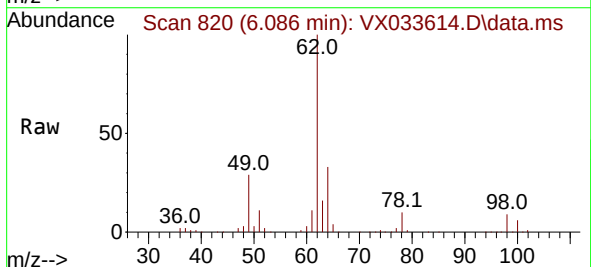
APPROVED

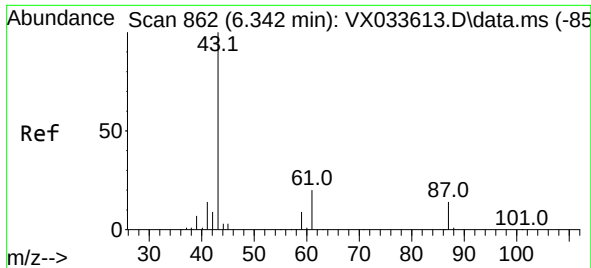
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#42
1,2-Dichloroethane
Concen: 102.857 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 62 Resp: 274471
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0





#43

Isopropyl Acetate

Concen: 112.427 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 470808

Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

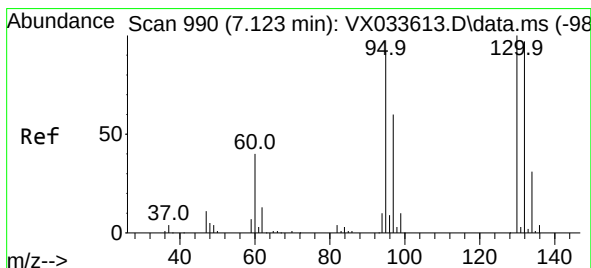
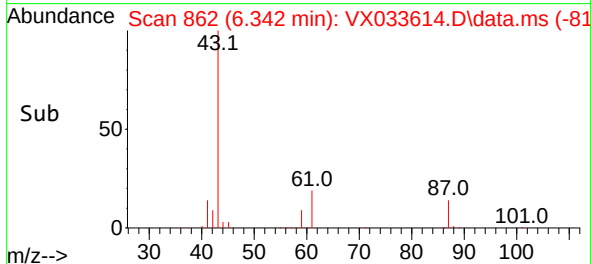
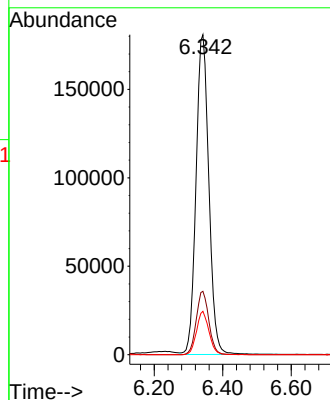
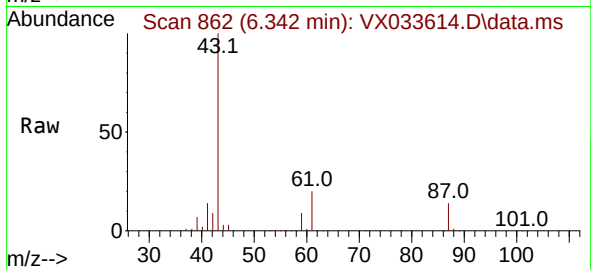
87 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#44

Trichloroethene

Concen: 105.612 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX033614.D

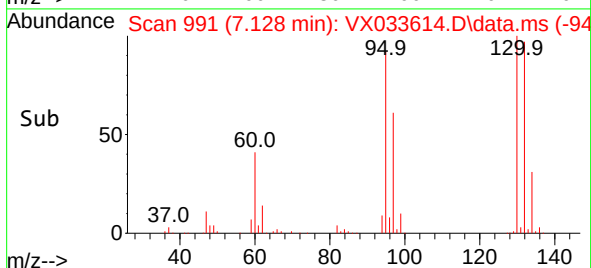
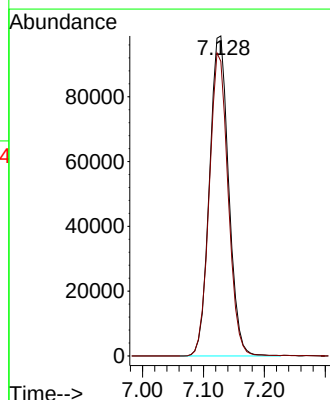
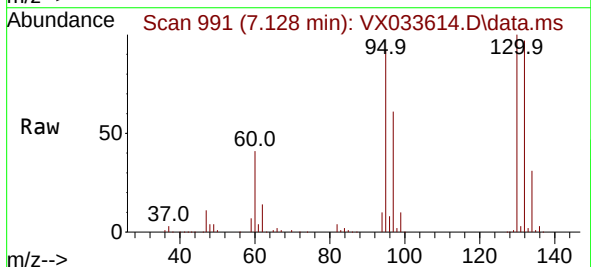
Acq: 04 Jan 2023 12:37

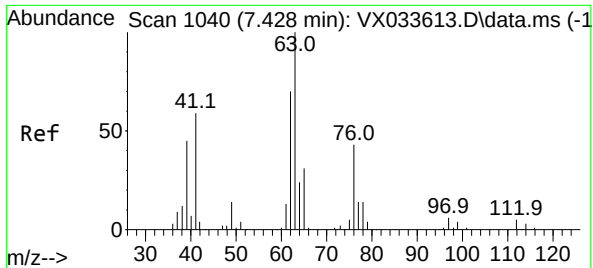
Tgt Ion:130 Resp: 215744

Ion Ratio Lower Upper

130 100

95 92.0 0.0 183.0





#45

1,2-Dichloropropane

Concen: 105.578 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 19469

Ion Ratio Lower Upper

63 100

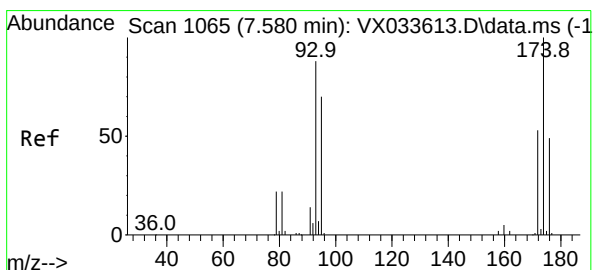
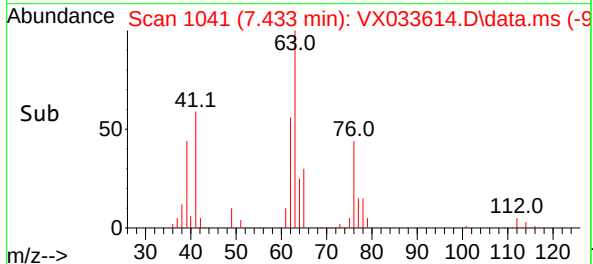
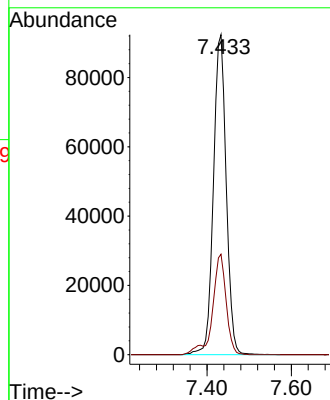
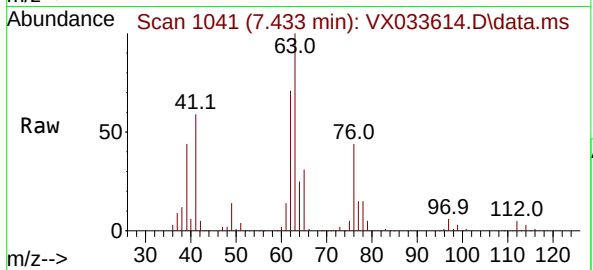
65 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#46

Dibromomethane

Concen: 106.523 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

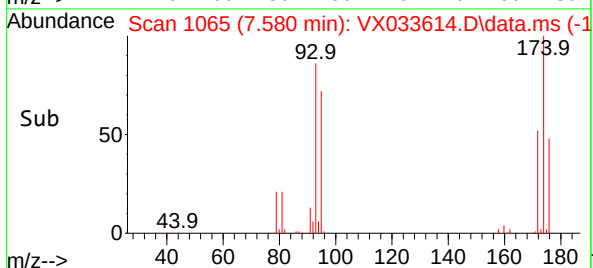
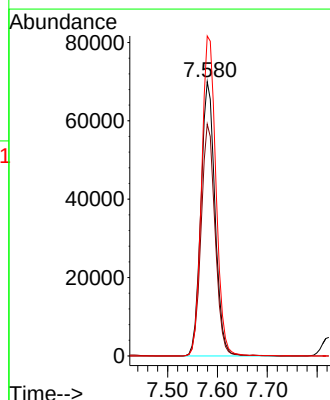
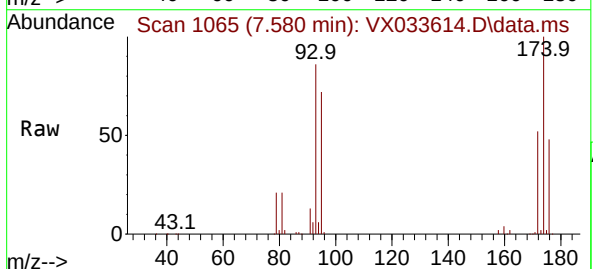
Tgt Ion: 93 Resp: 137529

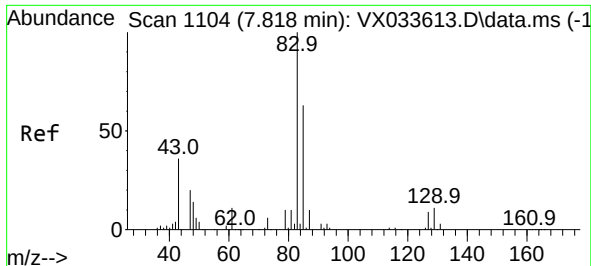
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

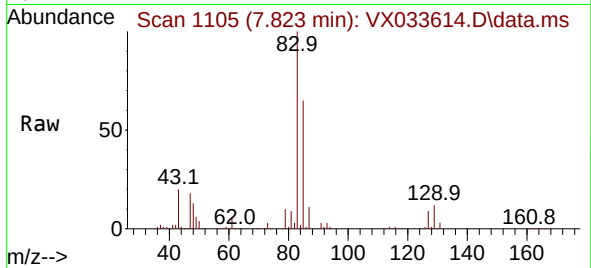
174 118.4 92.5 138.7





#47
Bromodichloromethane
Concen: 108.808 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

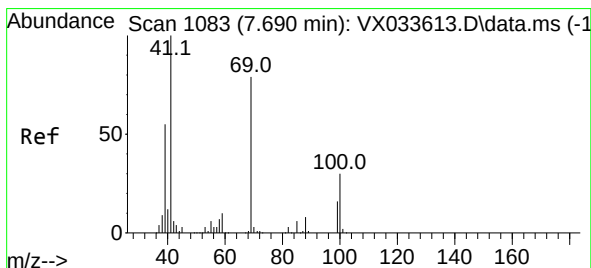
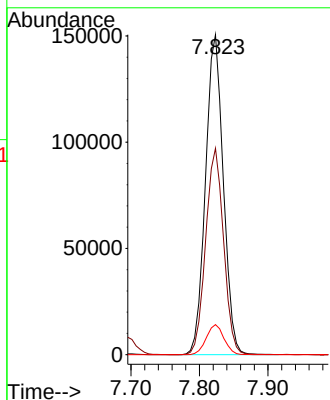
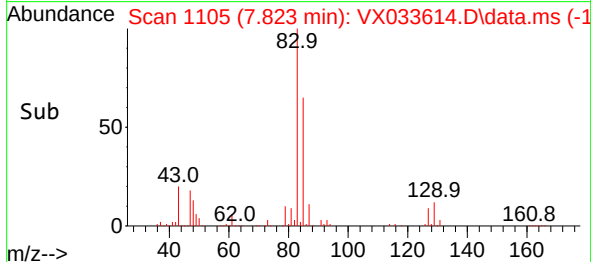
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 272150
Ion Ratio Lower Upper
83 100
85 64.5 50.6 76.0
127 9.4 7.3 10.9

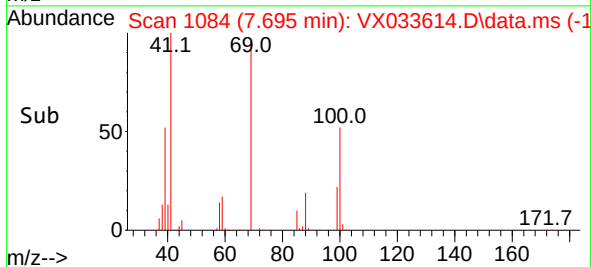
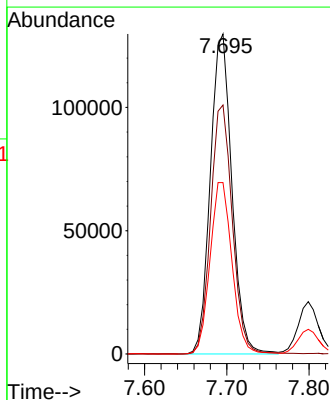
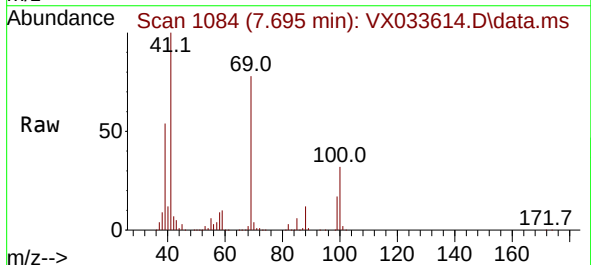
Manual Integrations
APPROVED

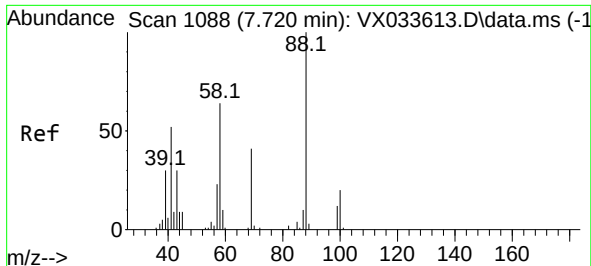
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#48
Methyl methacrylate
Concen: 111.677 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 41 Resp: 236727
Ion Ratio Lower Upper
41 100
69 78.4 63.1 94.7
39 54.6 44.8 67.2





#49

1,4-Dioxane

Concen: 2051.983 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

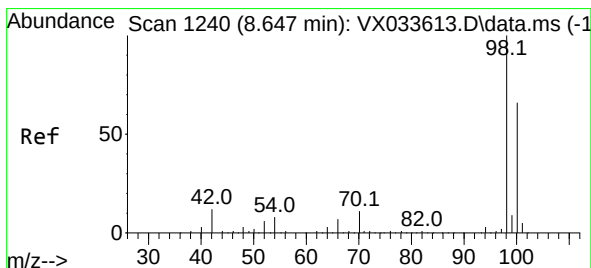
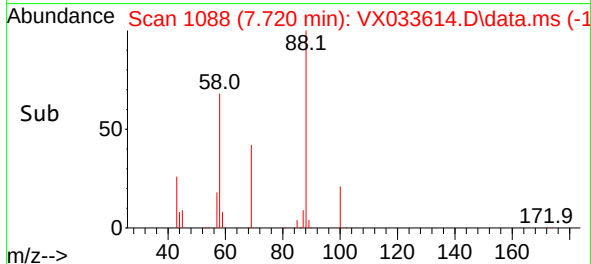
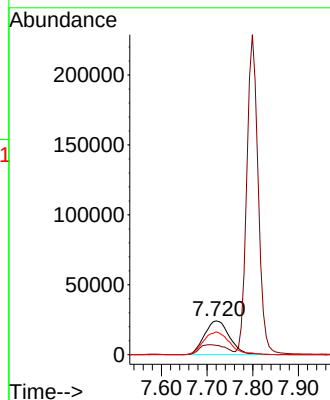
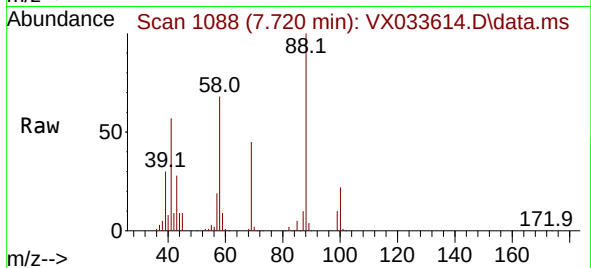
Tgt Ion:	88	Resp:	92518
Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.1	36.1
58	70.1	57.1	85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#50

Toluene-d8

Concen: 103.851 ug/l

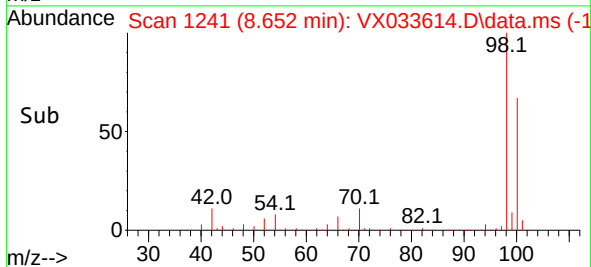
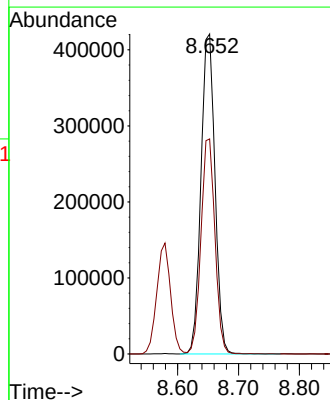
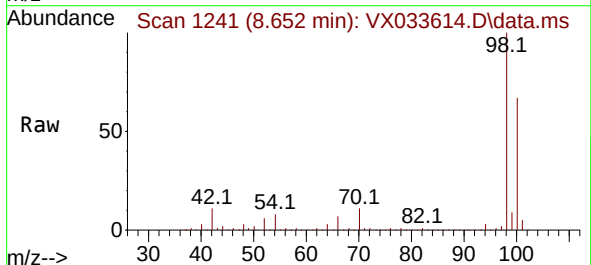
RT: 8.652 min Scan# 1241

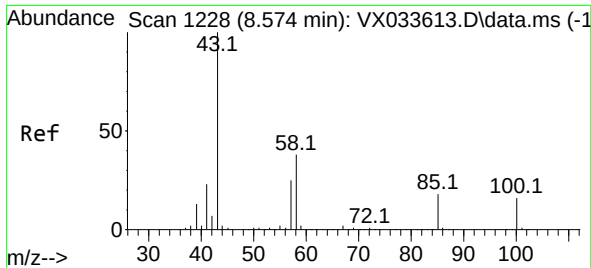
Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Tgt Ion:	98	Resp:	671181
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.6	80.4





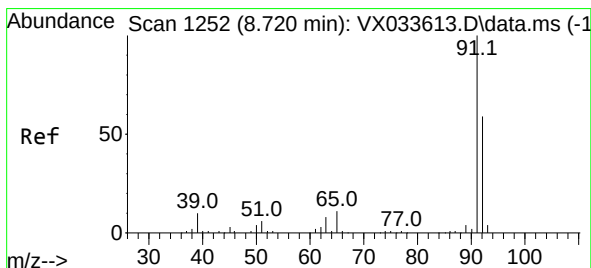
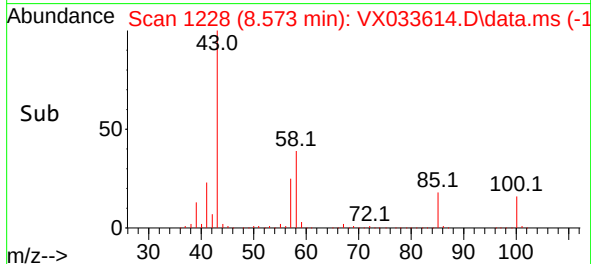
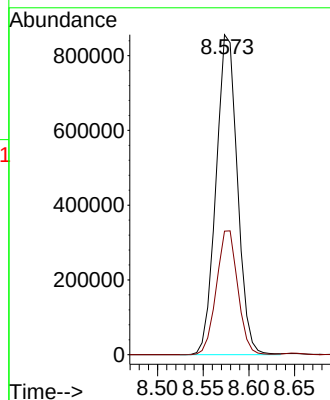
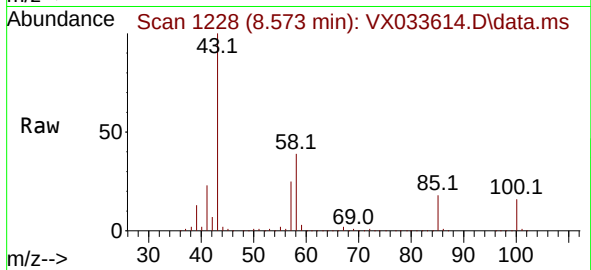
#51
4-Methyl-2-Pentanone
Concen: 525.624 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1393158
Ion Ratio Lower Upper
43 100
58 38.8 30.5 45.7

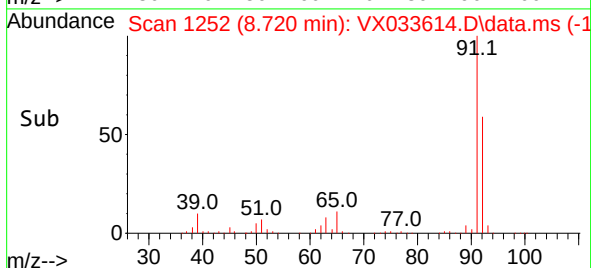
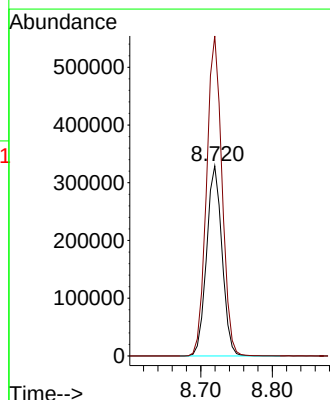
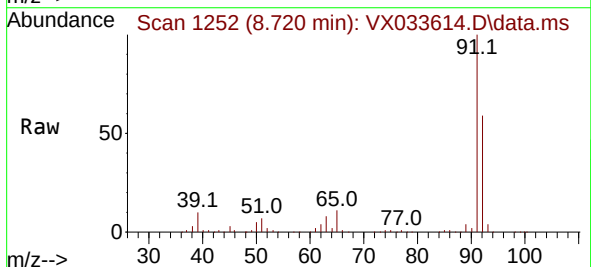
Manual Integrations
APPROVED

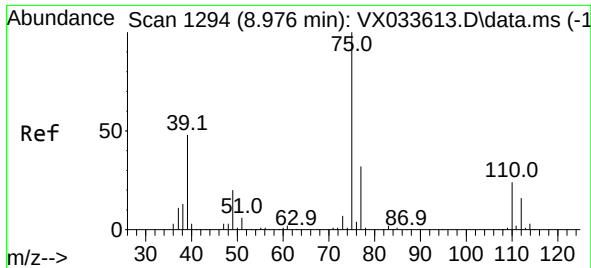
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#52
Toluene
Concen: 104.826 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 92 Resp: 493365
Ion Ratio Lower Upper
92 100
91 168.5 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 120.386 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

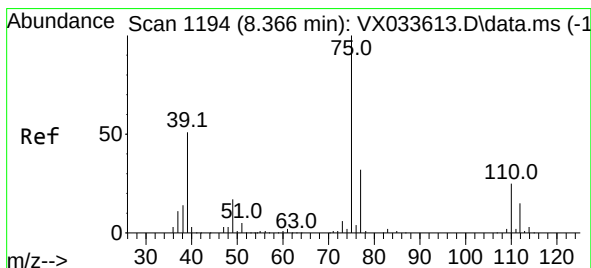
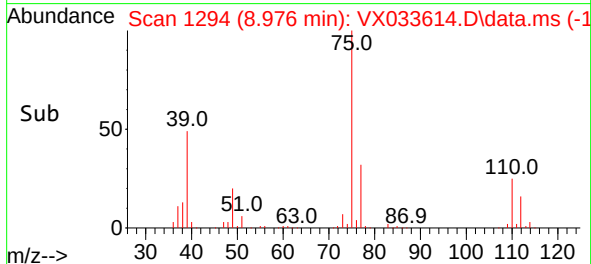
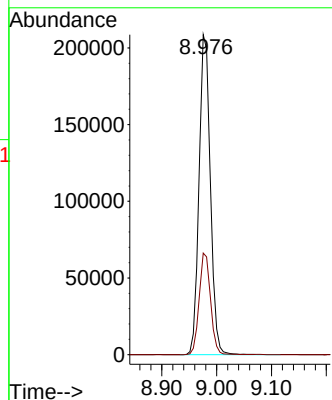
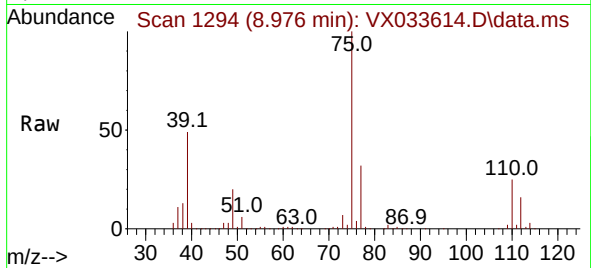
VSTDICC100

Tgt Ion: 75 Resp: 300570
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9

Manual Integrations

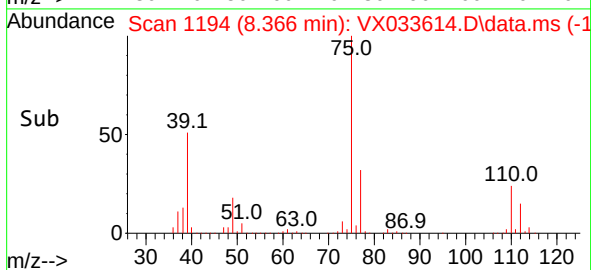
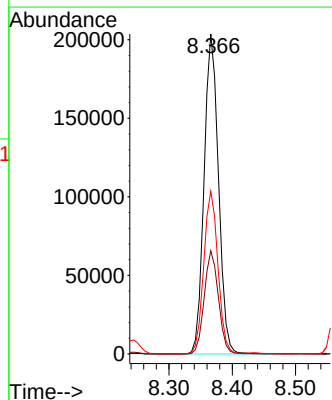
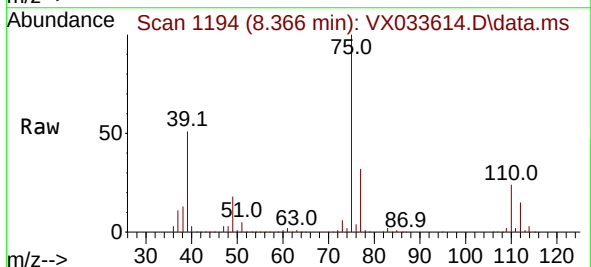
APPROVED

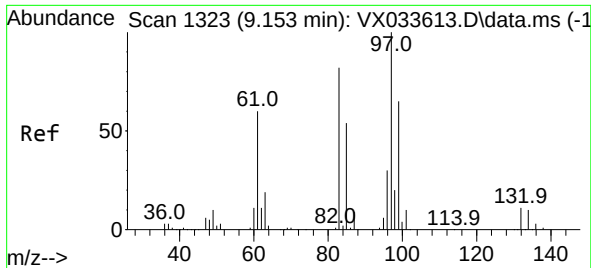
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#54
cis-1,3-Dichloropropene
Concen: 116.590 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 75 Resp: 322798
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 50.9 40.6 61.0





#55
1,1,2-Trichloroethane
Concen: 107.921 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

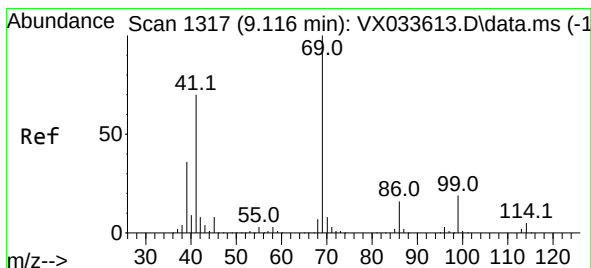
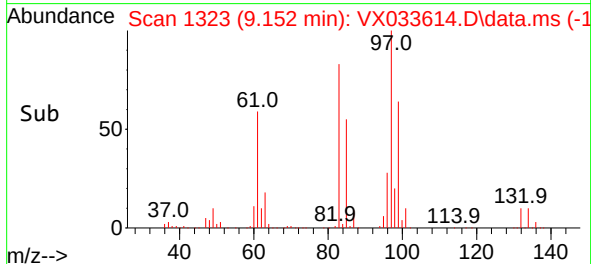
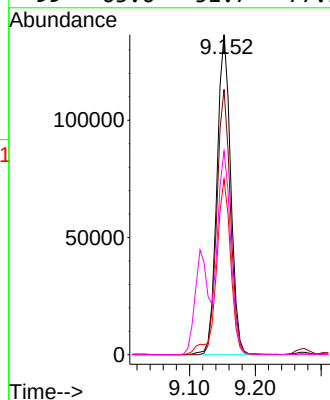
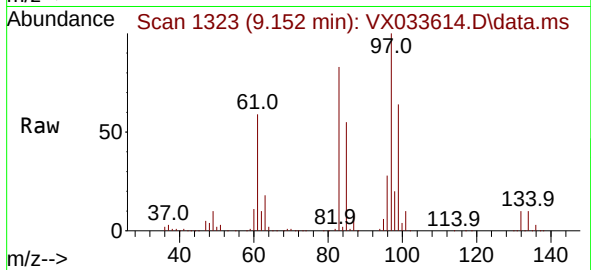
VSTDICC100

Tgt Ion: 97 Resp: 19895
Ion Ratio Lower Upper
97 100
83 82.9 65.7 98.5
85 54.8 43.4 65.0
99 63.6 51.7 77.5

Manual Integrations

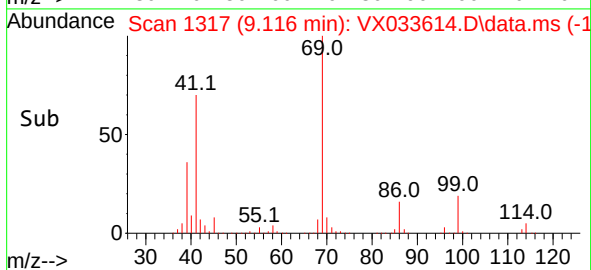
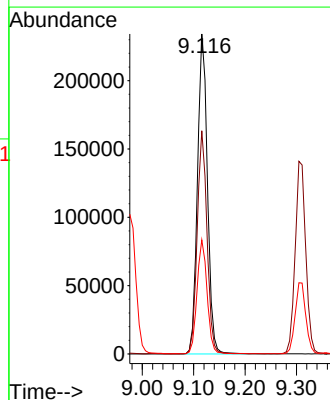
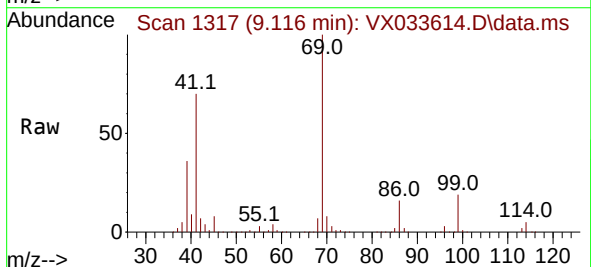
APPROVED

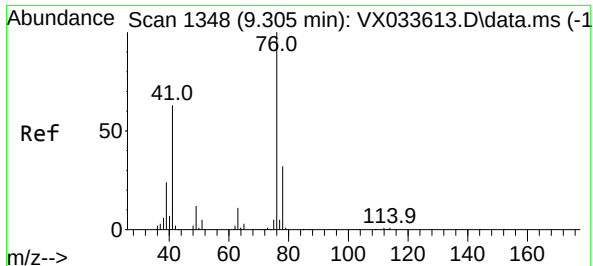
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#56
Ethyl methacrylate
Concen: 115.061 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 69 Resp: 316666
Ion Ratio Lower Upper
69 100
41 68.5 56.6 84.8
39 35.9 29.4 44.0





#57

1,3-Dichloropropane

Concen: 106.595 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 33621

Ion Ratio Lower Upper

76 100

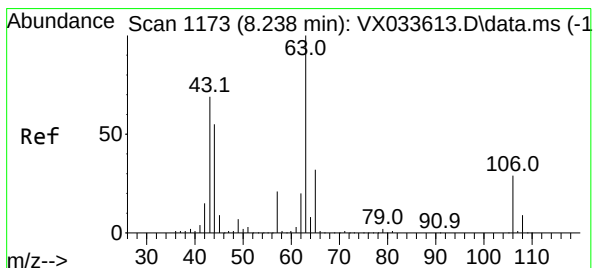
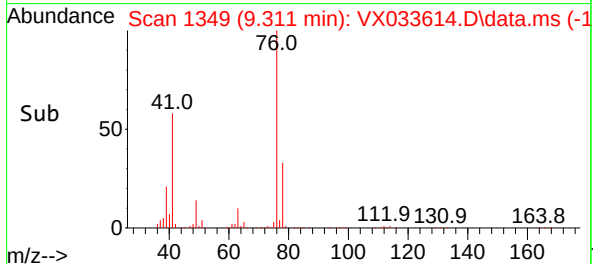
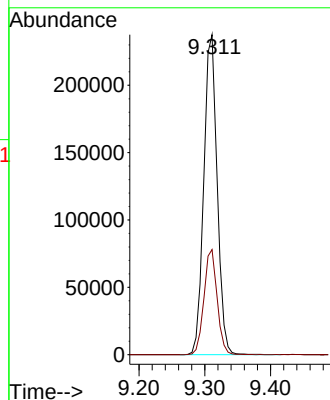
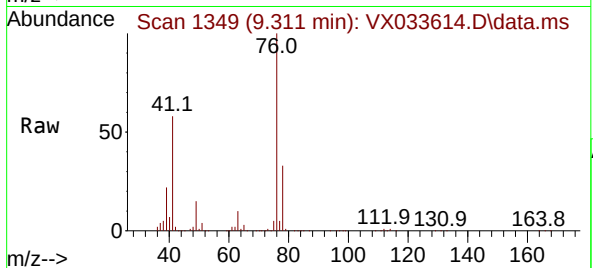
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 485.577 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX033614.D

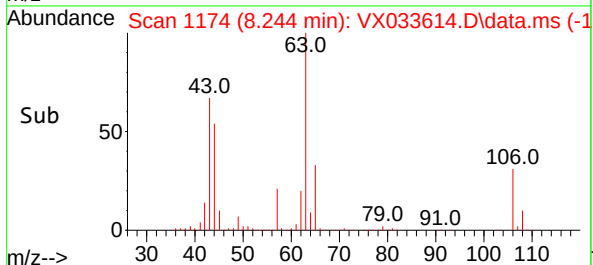
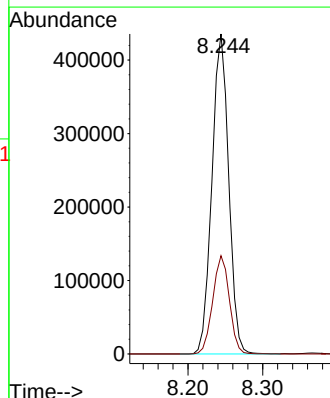
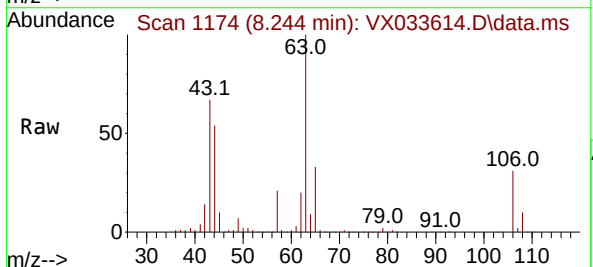
Acq: 04 Jan 2023 12:37

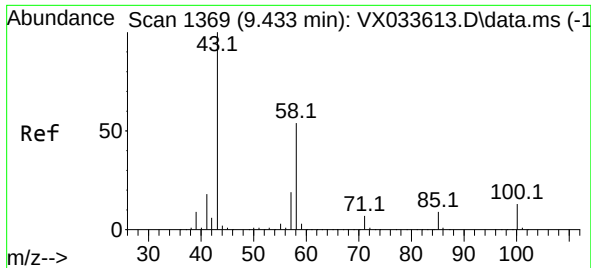
Tgt Ion: 63 Resp: 679786

Ion Ratio Lower Upper

63 100

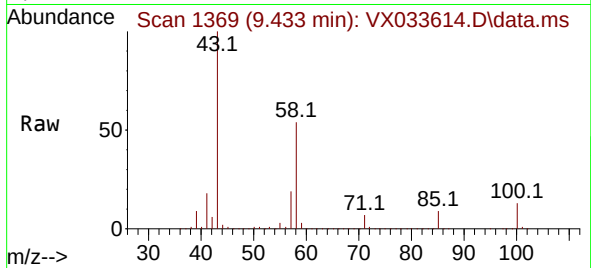
106 30.5 23.8 35.8





#59
2-Hexanone
Concen: 533.432 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

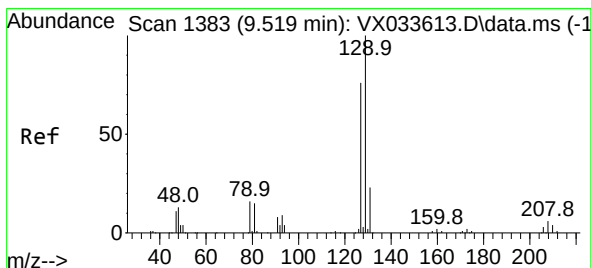
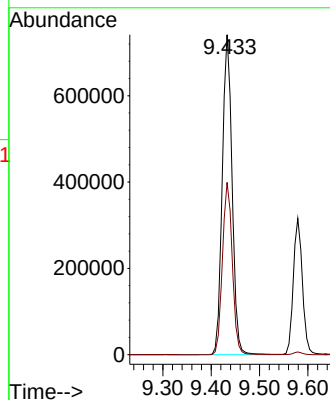
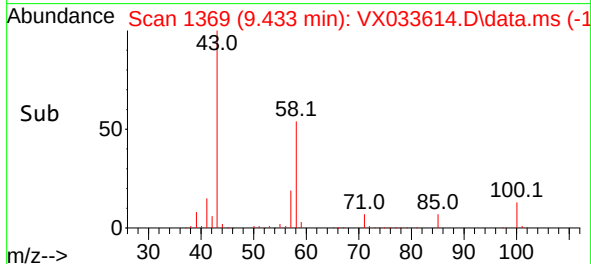
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



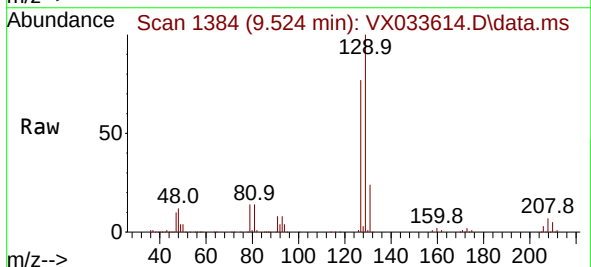
Tgt Ion: 43 Resp: 1044438
Ion Ratio Lower Upper
43 100
58 54.0 26.6 79.8

Manual Integrations
APPROVED

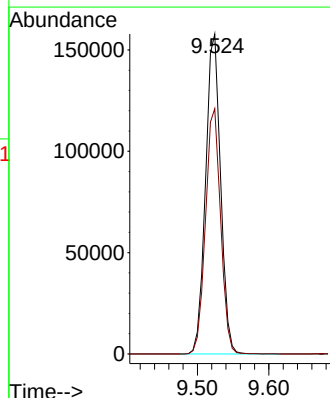
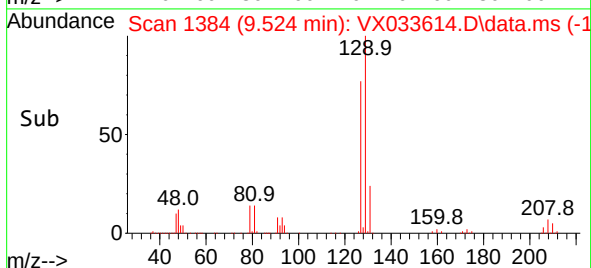
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

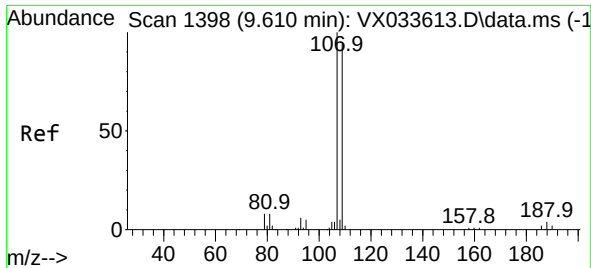


#60
Dibromochloromethane
Concen: 114.040 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



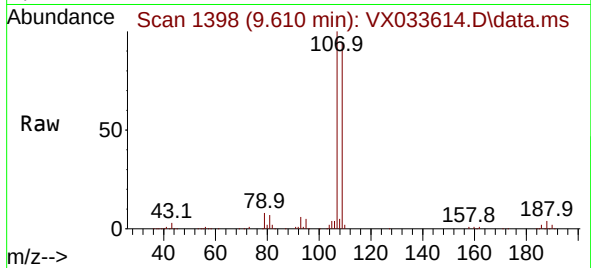
Tgt Ion:129 Resp: 229957
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 109.546 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

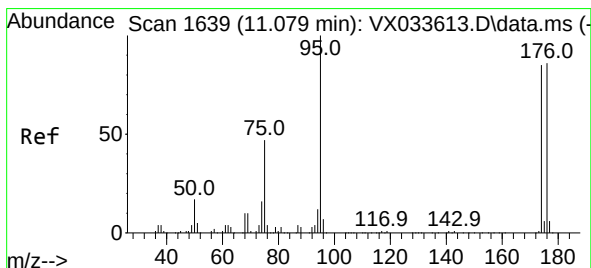
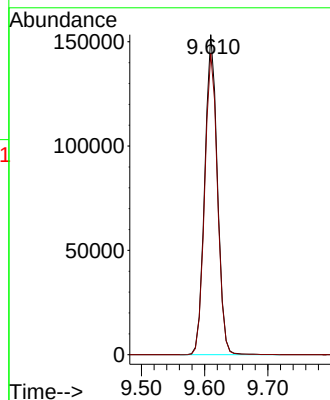
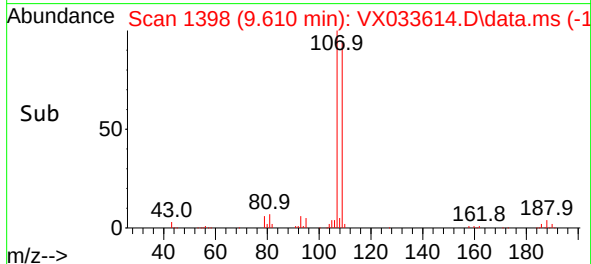
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



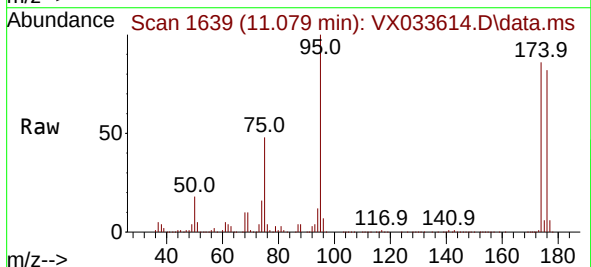
Tgt Ion:107 Resp: 213604
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

Manual Integrations
APPROVED

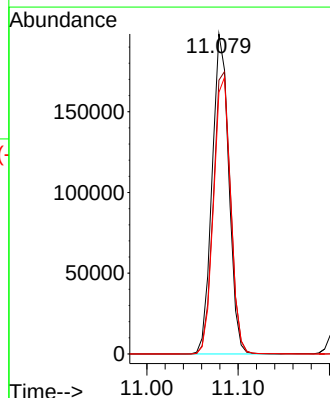
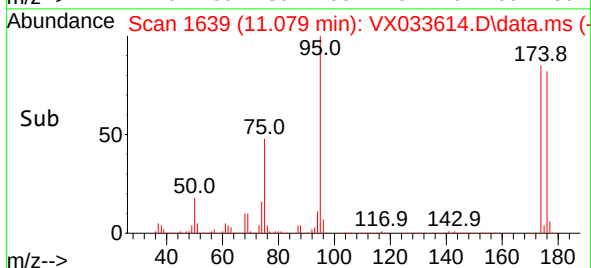
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

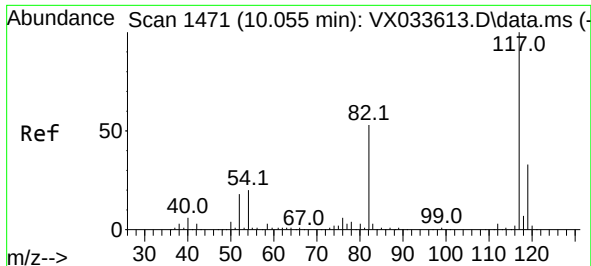


#62
4-Bromofluorobenzene
Concen: 109.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



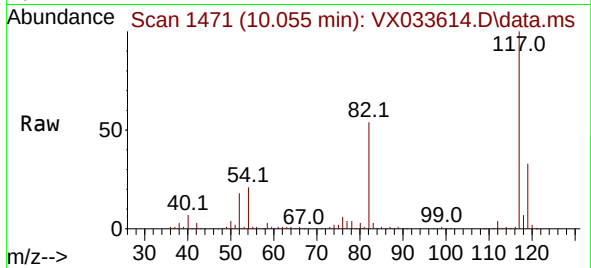
Tgt Ion: 95 Resp: 251368
Ion Ratio Lower Upper
95 100
174 91.3 0.0 180.4
176 88.3 0.0 176.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

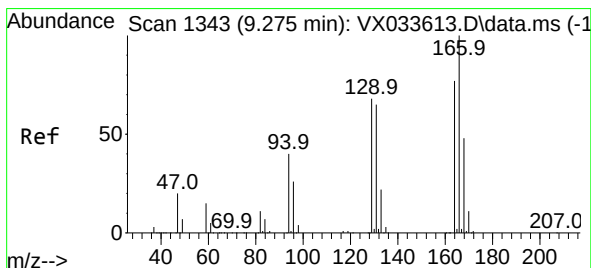
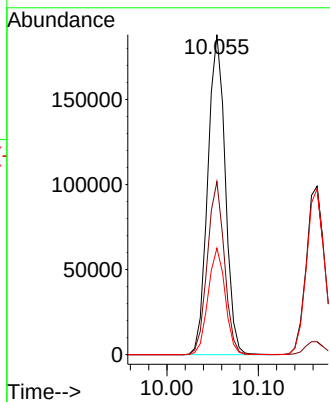
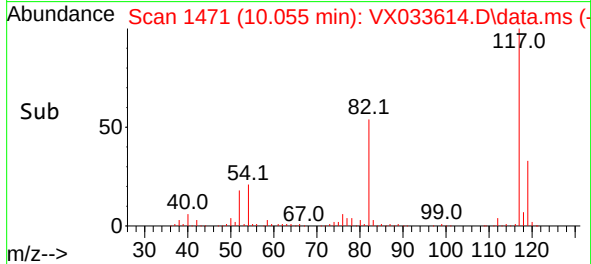
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 249908
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 33.3 26.2 39.4

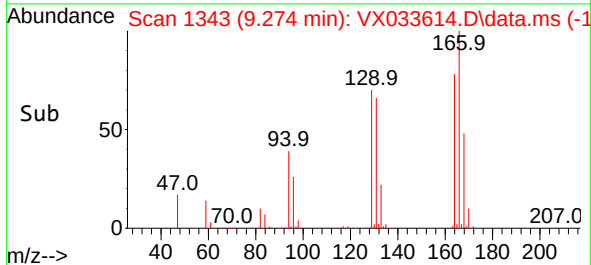
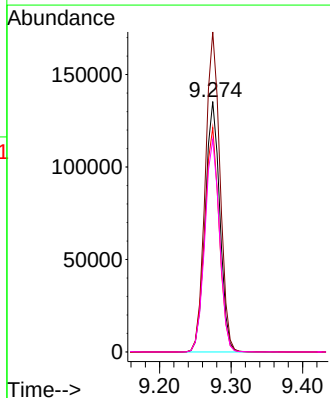
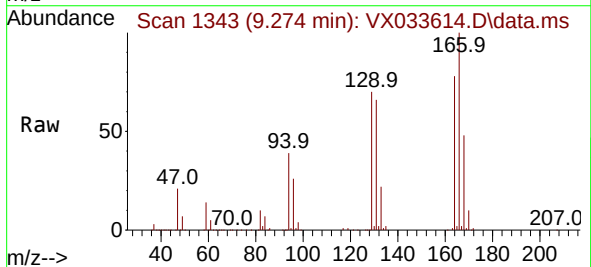
Manual Integrations
APPROVED

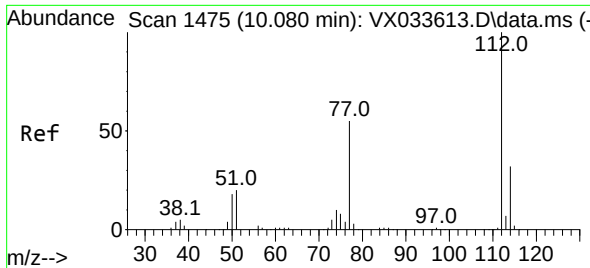
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#64
Tetrachloroethene
Concen: 104.663 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion:164 Resp: 192491
Ion Ratio Lower Upper
164 100
166 127.8 103.4 155.0
129 89.6 70.0 105.0
131 84.9 67.3 100.9





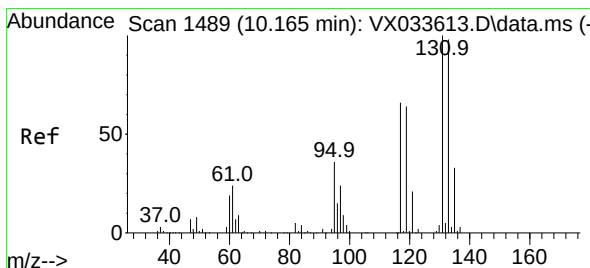
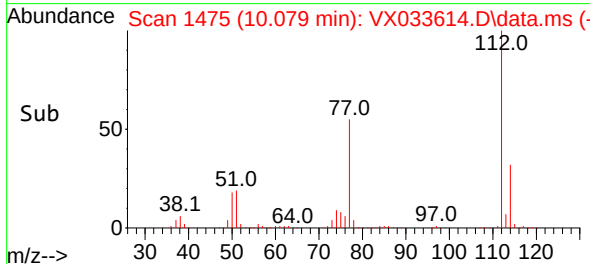
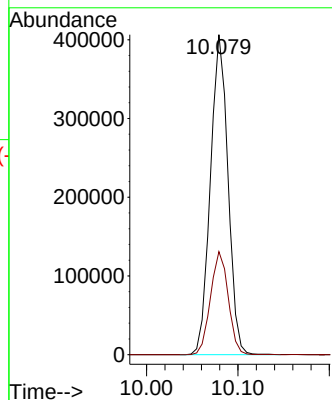
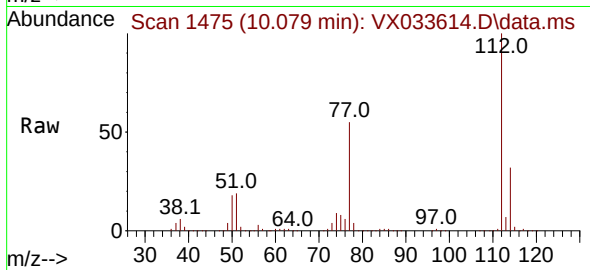
#65
Chlorobenzene
Concen: 105.838 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 541272
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

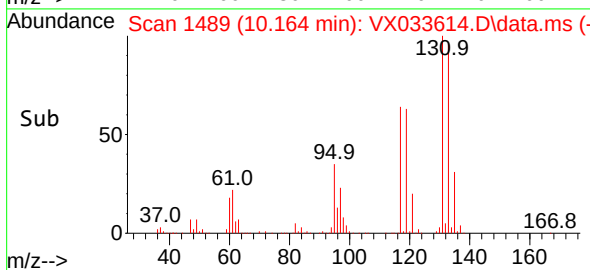
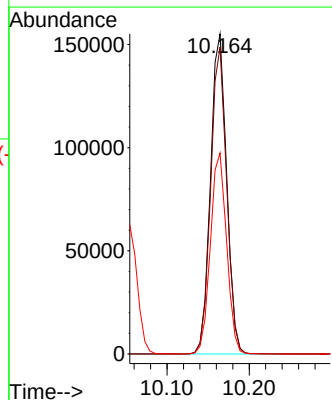
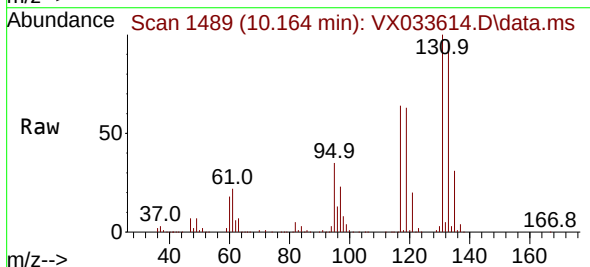
Manual Integrations
APPROVED

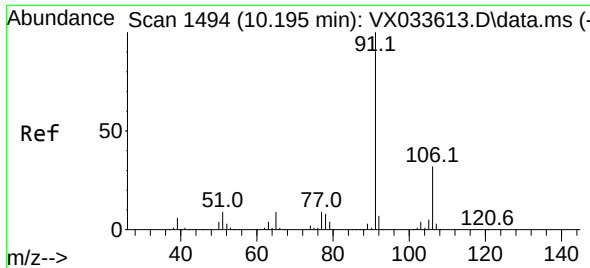
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 110.487 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

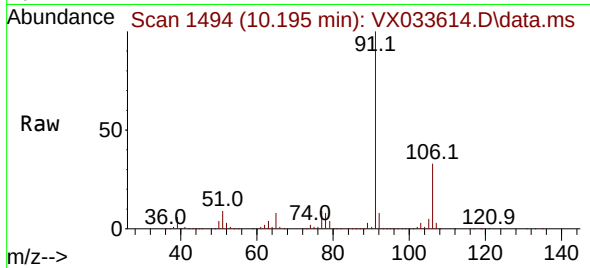
Tgt Ion:131 Resp: 211216
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 63.2 31.4 94.3





#67
Ethyl Benzene
Concen: 106.422 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

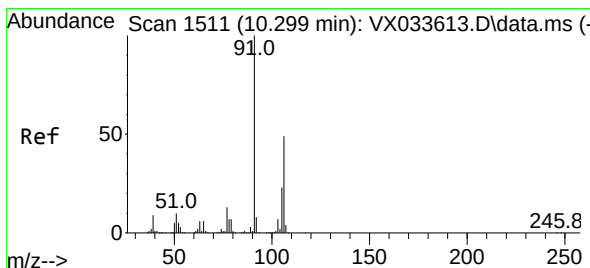
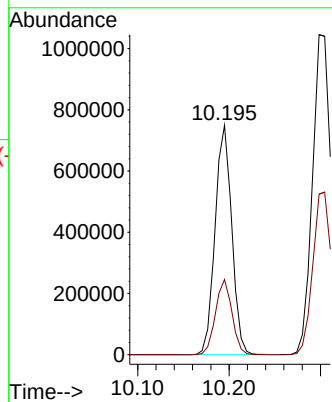
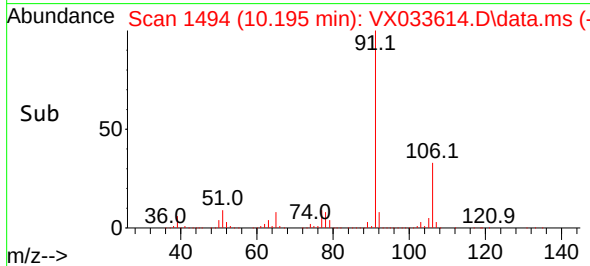
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



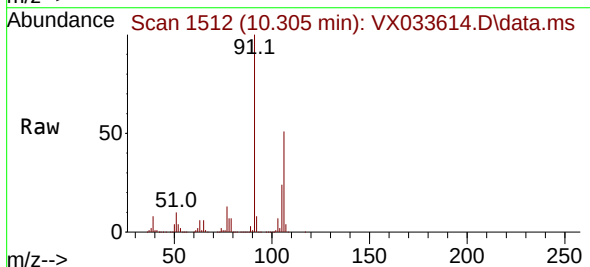
Tgt Ion: 91 Resp: 950015
Ion Ratio Lower Upper
91 100
106 32.8 25.9 38.9

Manual Integrations
APPROVED

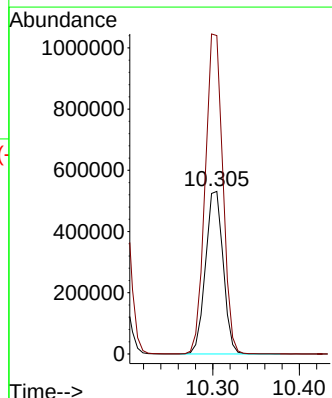
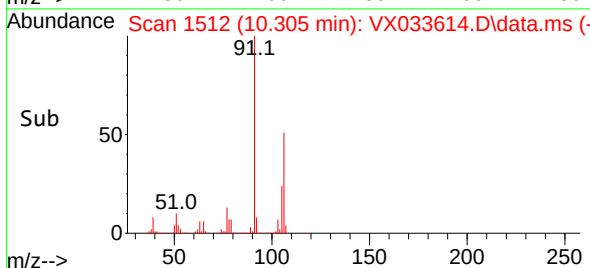
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

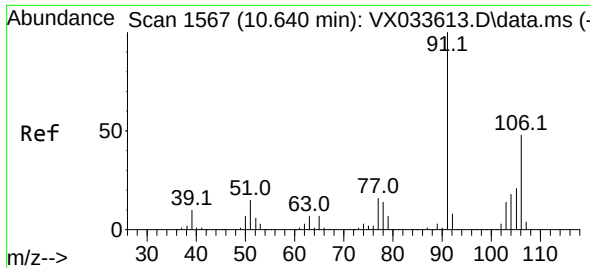


#68
m/p-Xylenes
Concen: 215.622 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



Tgt Ion:106 Resp: 751185
Ion Ratio Lower Upper
106 100
91 196.7 159.6 239.4





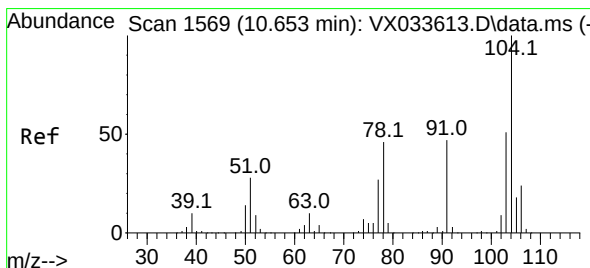
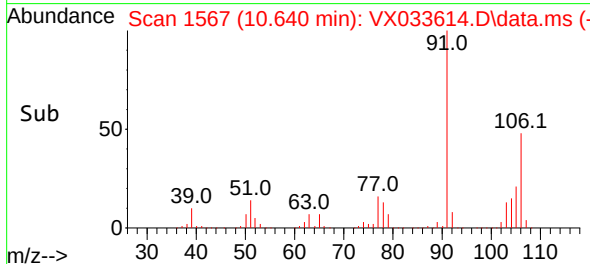
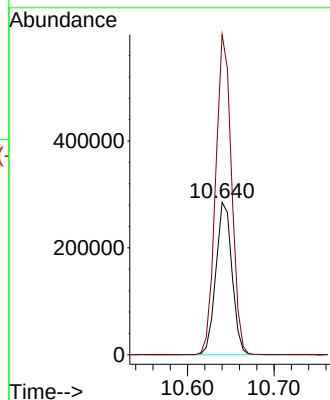
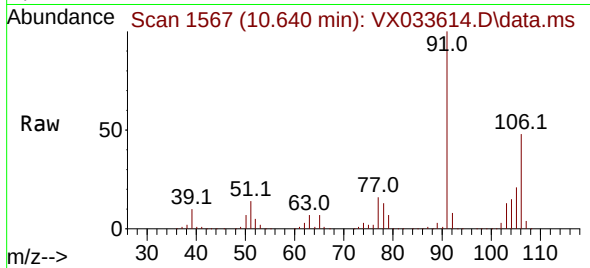
#69
o-Xylene
Concen: 106.663 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 36842
Ion Ratio Lower Upper
106 100
91 207.5 104.1 312.3

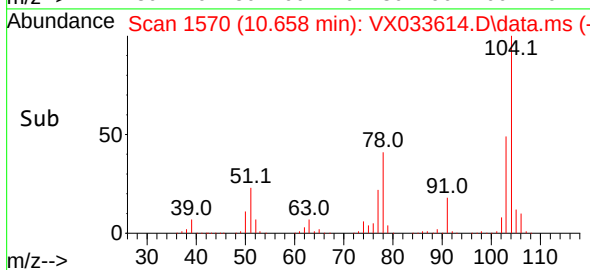
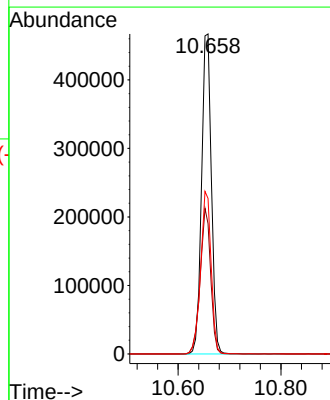
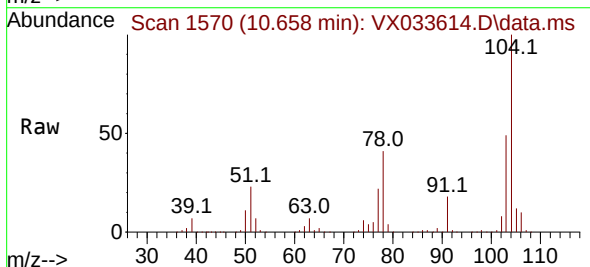
Manual Integrations
APPROVED

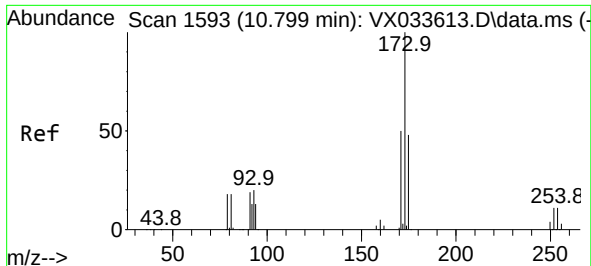
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#70
Styrene
Concen: 109.233 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

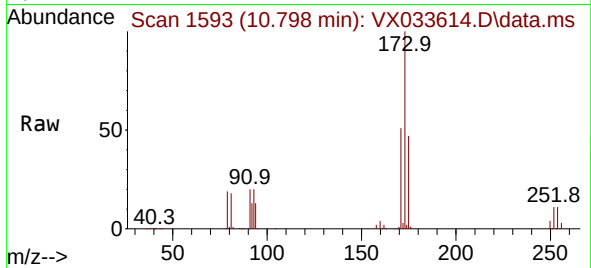
Tgt Ion:104 Resp: 619834
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.4 43.3 64.9





#71
Bromoform
Concen: 117.984 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

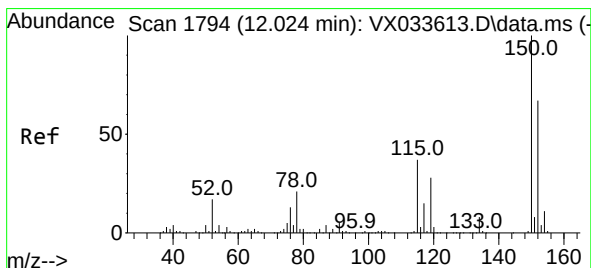
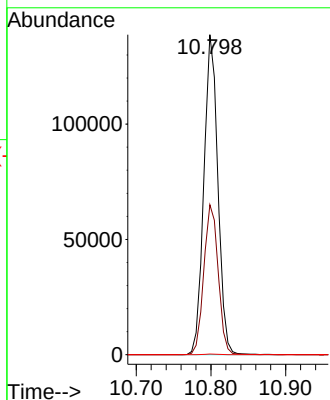
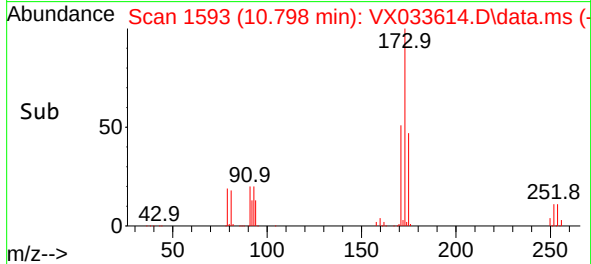
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 180579
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.5
254 0.2 0.1 0.1

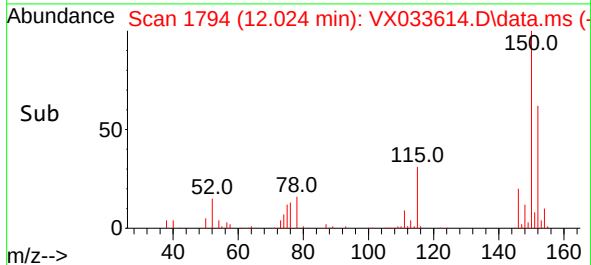
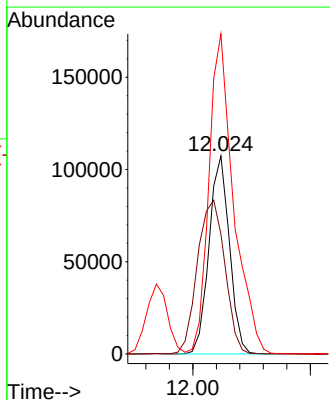
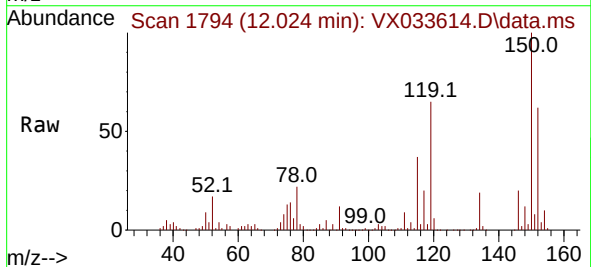
Manual Integrations
APPROVED

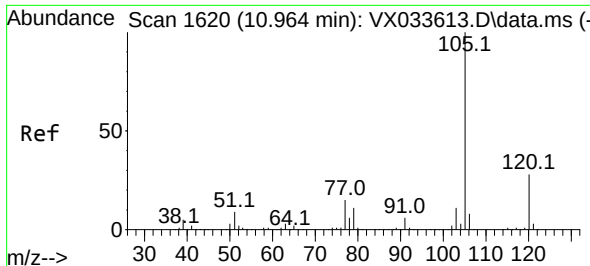
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion:152 Resp: 129683
Ion Ratio Lower Upper
152 100
115 104.5 38.5 115.5
150 194.6 0.0 340.4





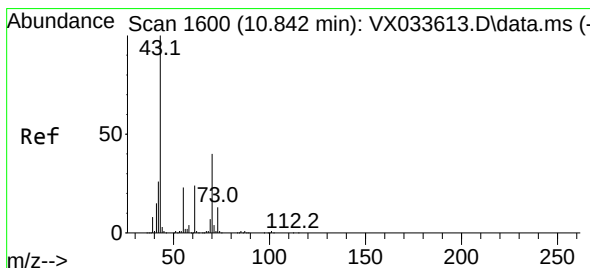
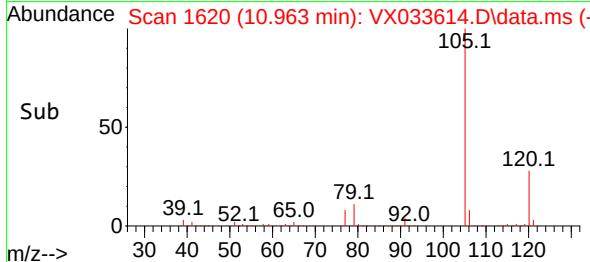
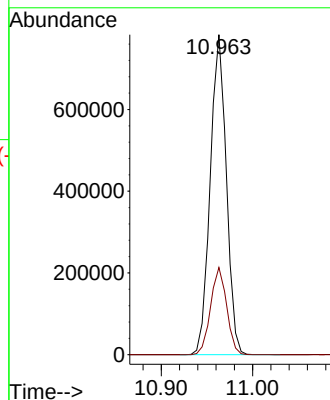
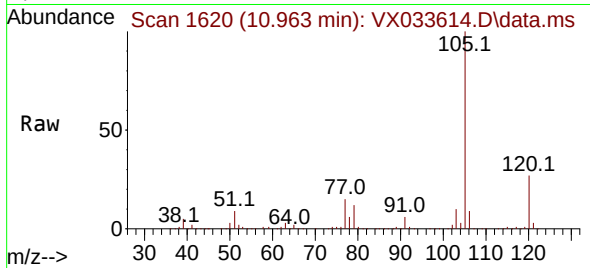
#73
Isopropylbenzene
Concen: 104.295 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 95518
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

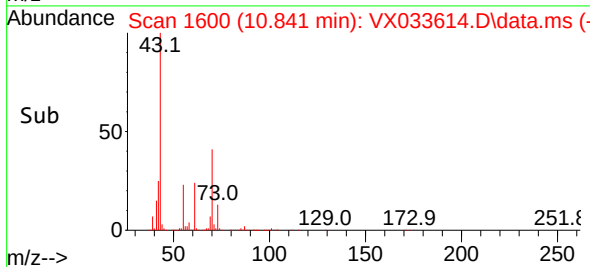
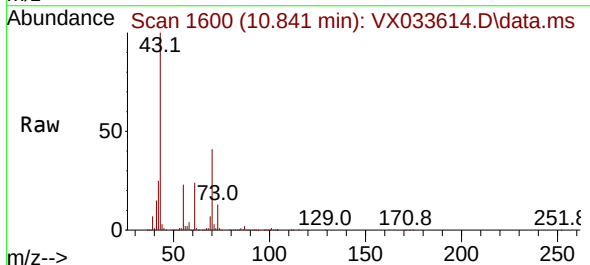
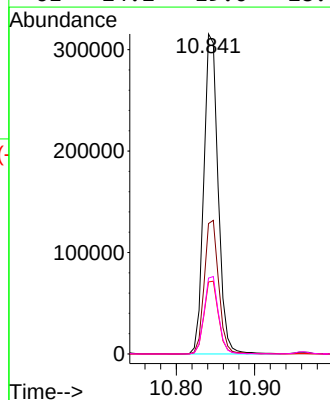
Manual Integrations
APPROVED

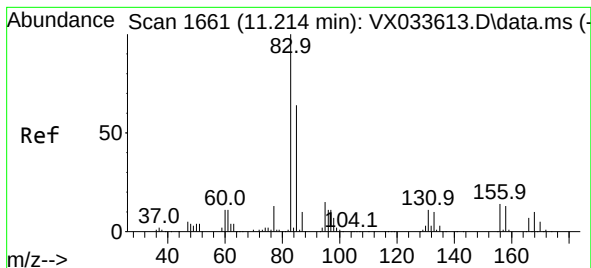
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#74
N-ethyl acetate
Concen: 107.889 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 43 Resp: 400376
Ion Ratio Lower Upper
43 100
70 42.1 33.4 50.0
55 23.1 18.6 27.8
61 24.2 19.0 28.6





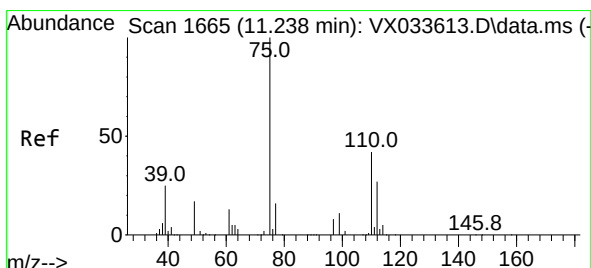
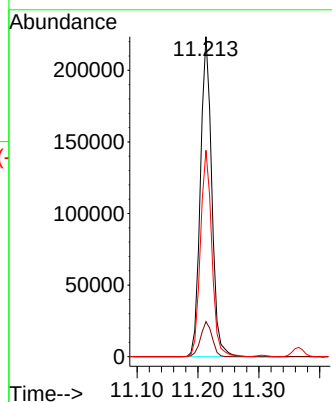
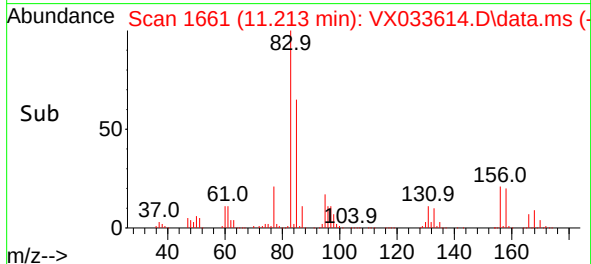
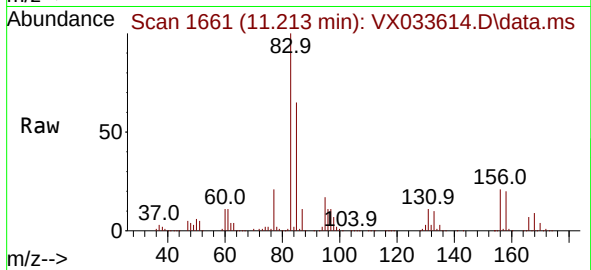
#75
1,1,2,2-Tetrachloroethane
Concen: 101.297 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 289154
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.5
85 64.6 32.1 96.5

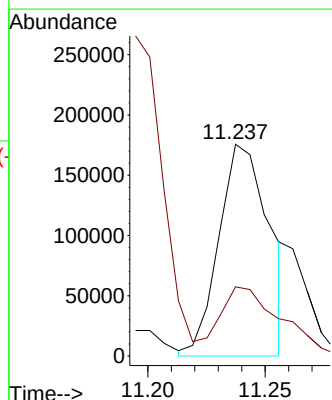
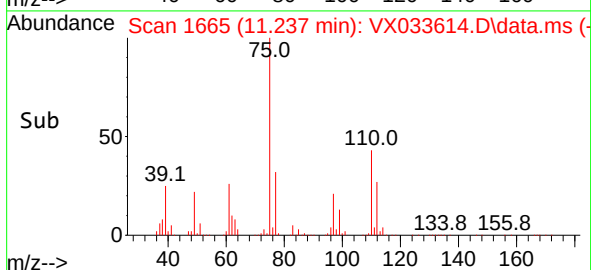
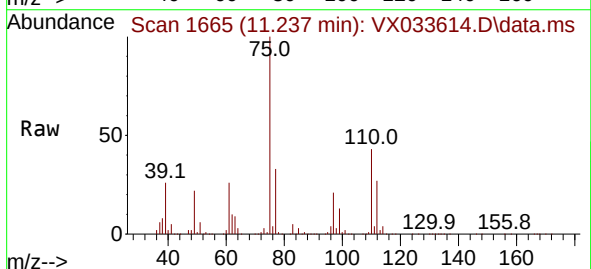
Manual Integrations
APPROVED

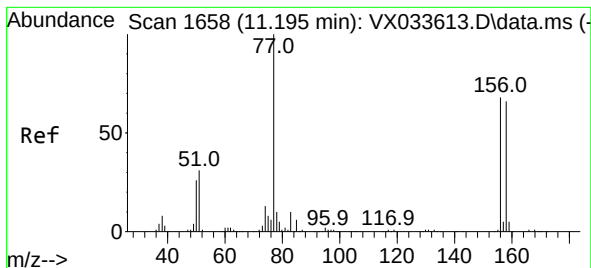
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#76
1,2,3-Trichloropropane
Concen: 110.082 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 75 Resp: 261535
Ion Ratio Lower Upper
75 100
77 40.0 21.3 63.9





#77

Bromobenzene

Concen: 104.166 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

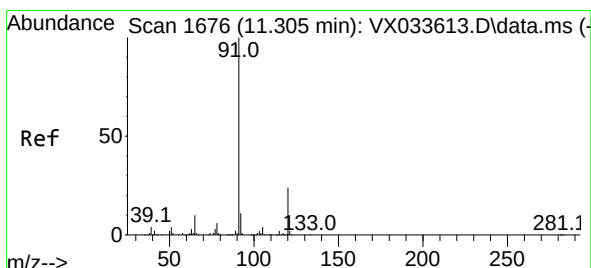
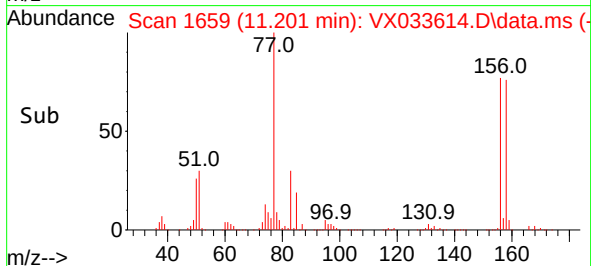
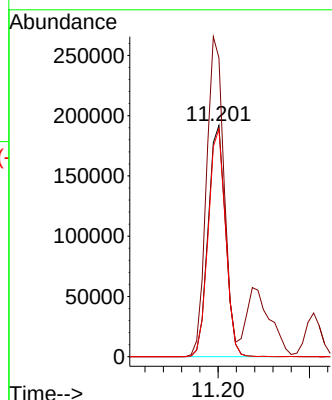
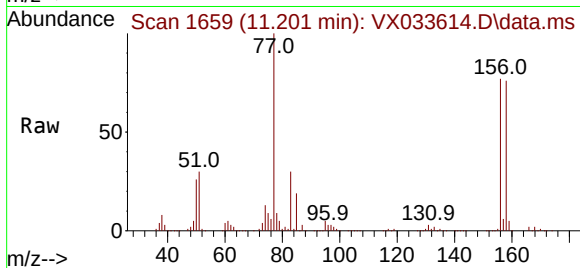
Tgt Ion:	156	Resp:	252530
Ion Ratio	Lower	Upper	
156	100		
77	139.4	70.9	212.6
158	98.1	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#78

n-propylbenzene

Concen: 104.425 ug/l

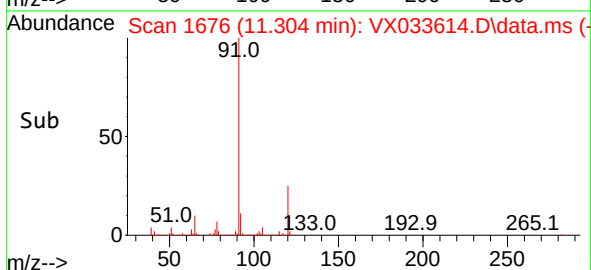
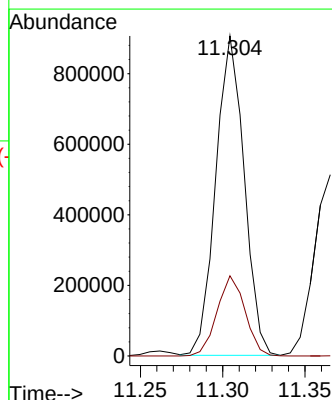
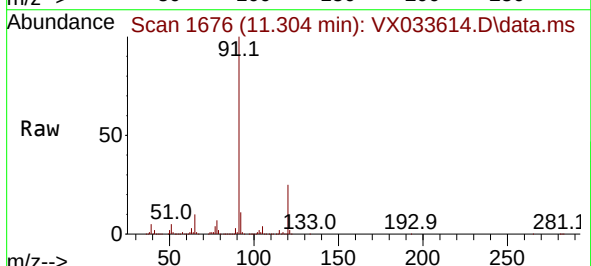
RT: 11.304 min Scan# 1676

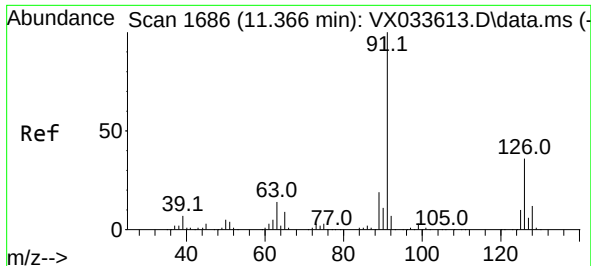
Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Tgt Ion:	91	Resp:	1084232
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.6





#79

2-Chlorotoluene

Concen: 102.544 ug/l

RT: 11.365 min Scan# 1686

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 639440

Ion Ratio Lower Upper

91 100

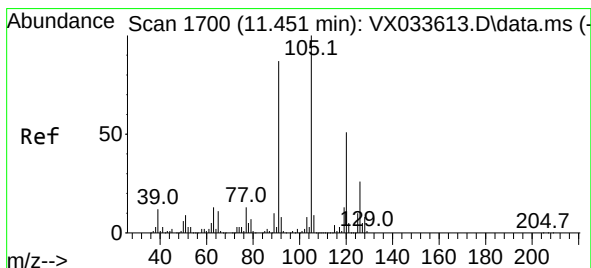
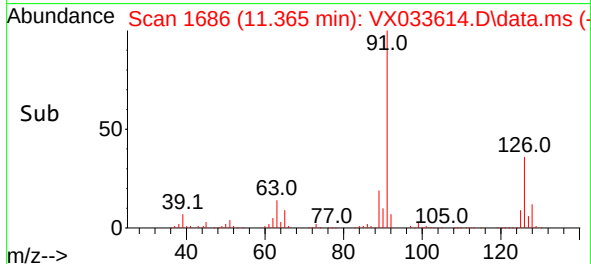
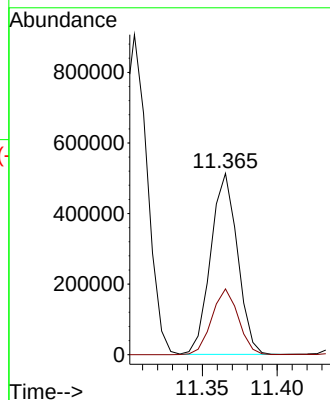
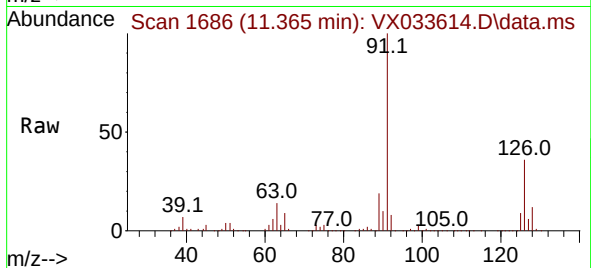
126 36.0 17.6 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#80

1,3,5-Trimethylbenzene

Concen: 103.995 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX033614.D

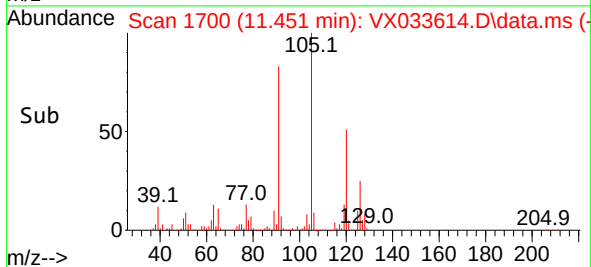
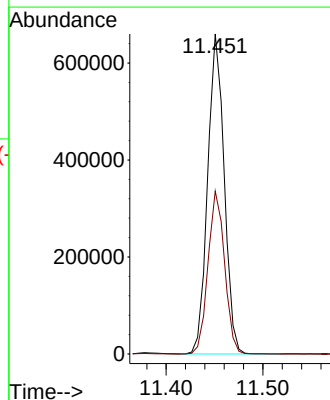
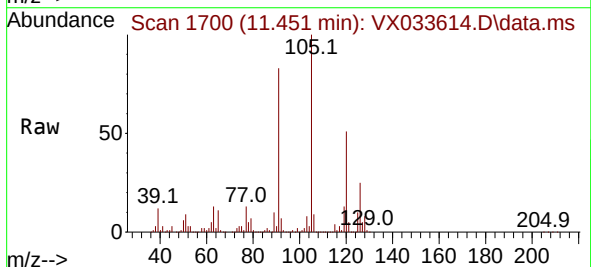
Acq: 04 Jan 2023 12:37

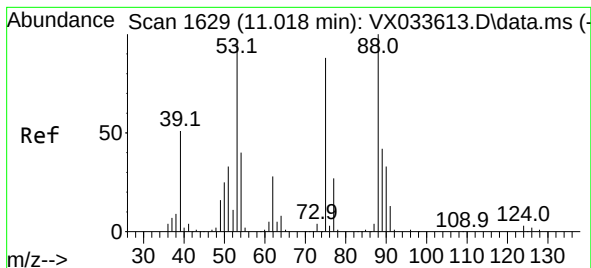
Tgt Ion:105 Resp: 784134

Ion Ratio Lower Upper

105 100

120 51.1 25.5 76.5





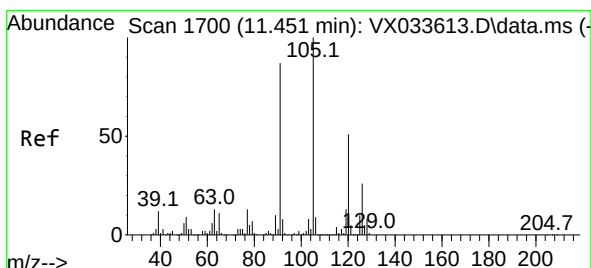
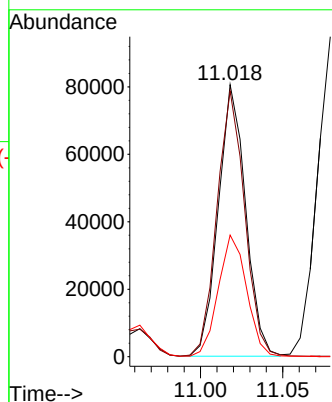
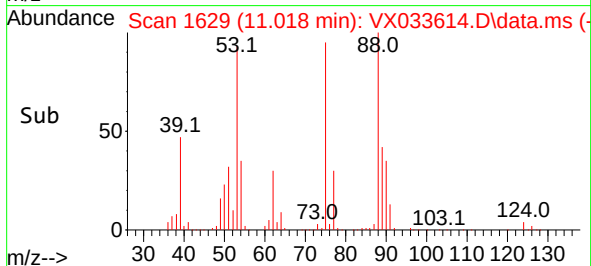
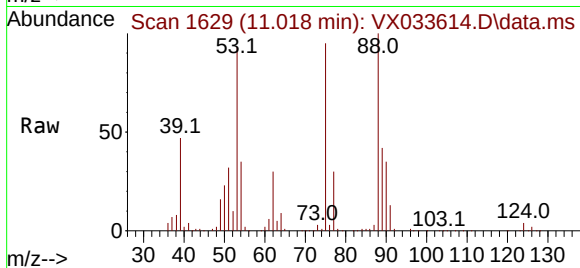
#81
trans-1,4-Dichloro-2-butene
Concen: 118.968 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 93129
Ion Ratio Lower Upper
75 100
53 98.9 86.4 129.6
89 46.7 37.4 56.2

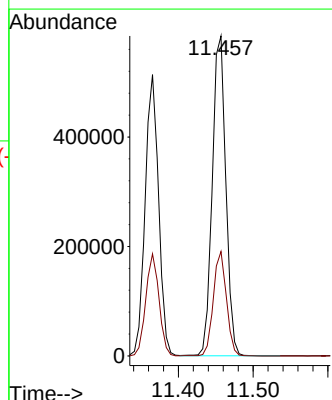
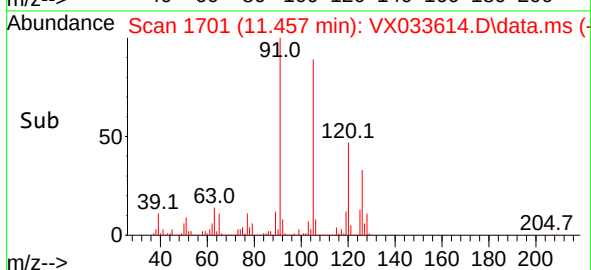
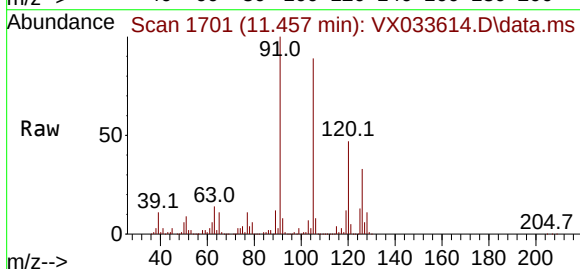
Manual Integrations
APPROVED

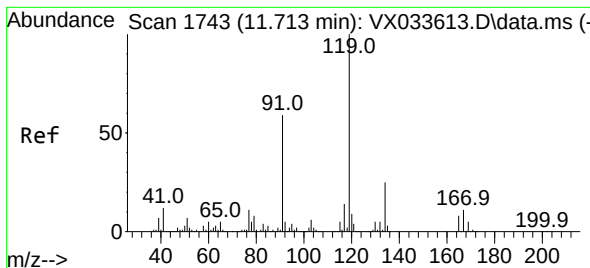
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#82
4-Chlorotoluene
Concen: 102.143 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion: 91 Resp: 736442
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.0





#83

tert-Butylbenzene

Concen: 104.595 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

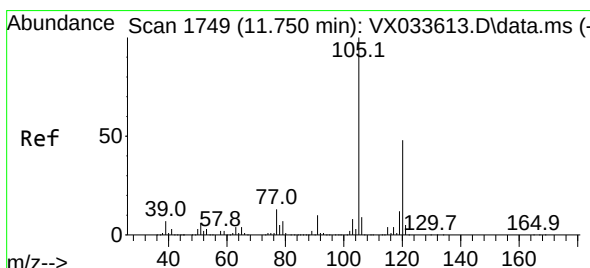
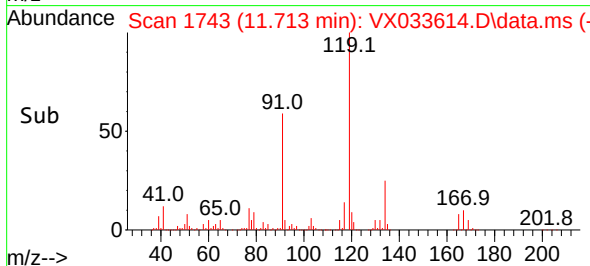
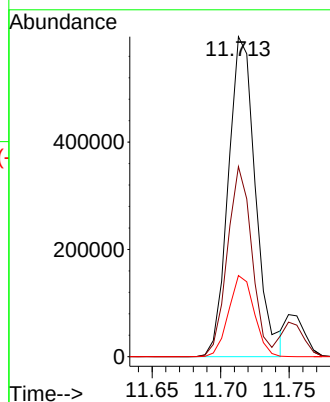
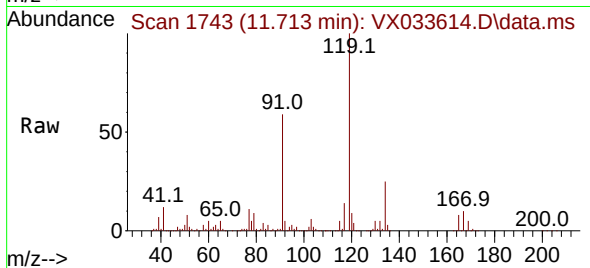
Tgt Ion:	119	Resp:	82282
Ion Ratio	Lower	Upper	
119	100		
91	53.7	27.9	83.6
134	23.9	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#84

1,2,4-Trimethylbenzene

Concen: 103.377 ug/l

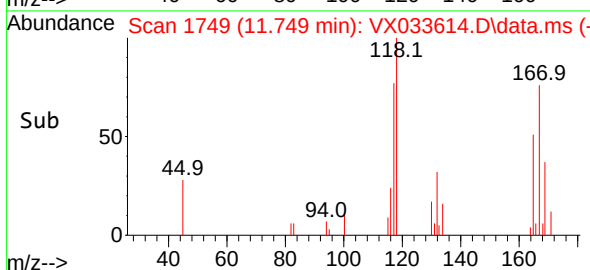
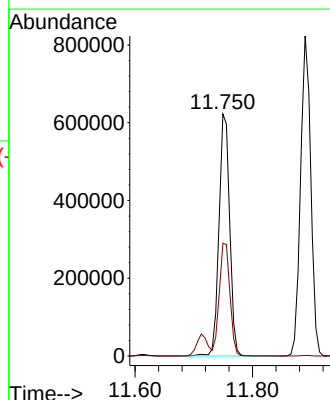
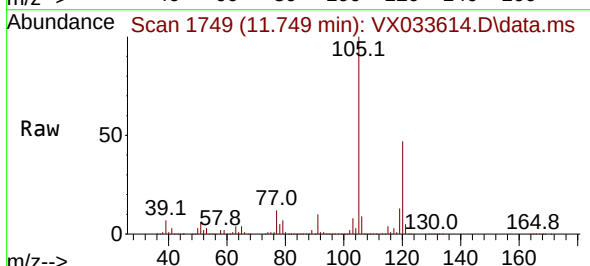
RT: 11.749 min Scan# 1749

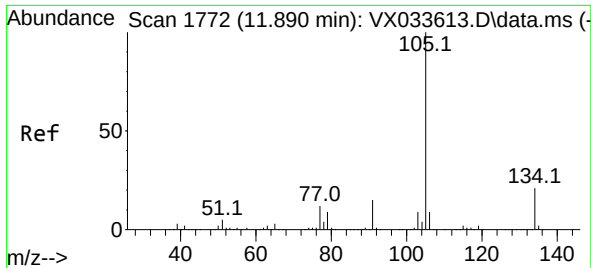
Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Tgt Ion:	105	Resp:	782152
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.4	70.0





#85
 sec-Butylbenzene
 Concen: 107.299 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033614.D
 Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

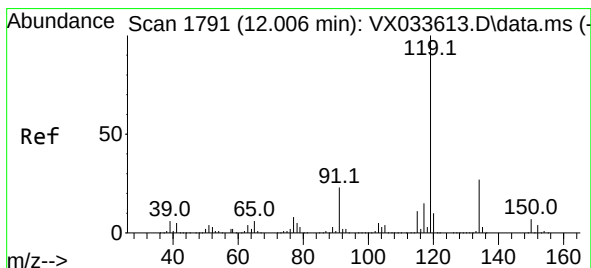
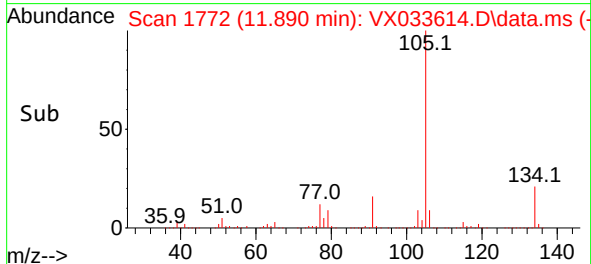
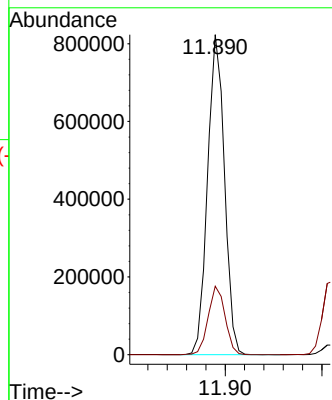
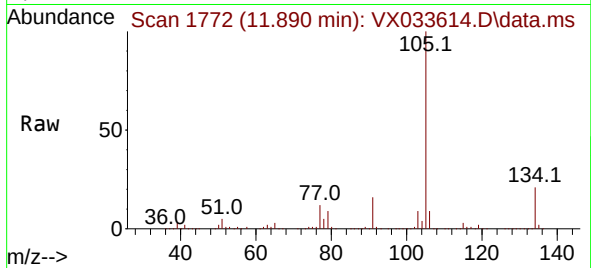
VSTDICC100

Tgt Ion:105 Resp: 99726
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4

Manual Integrations

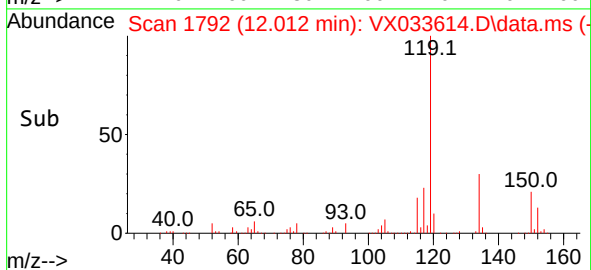
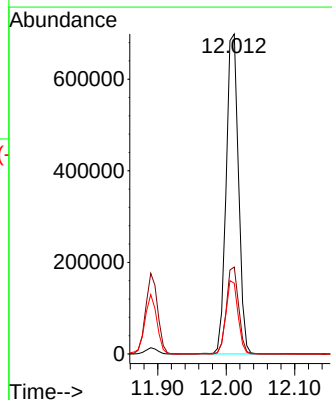
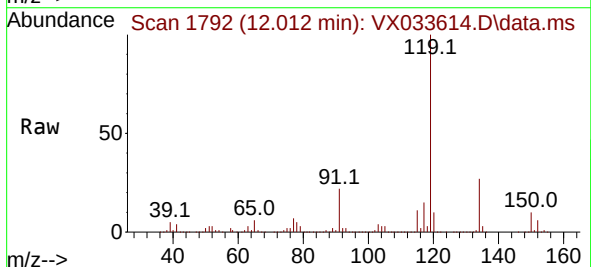
APPROVED

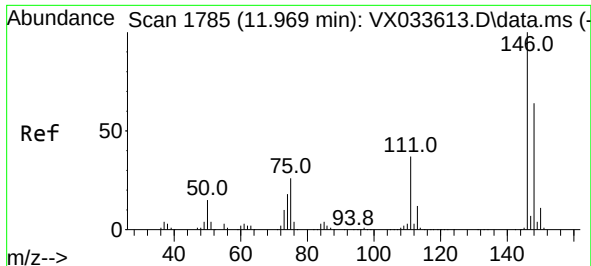
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#86
 p-Isopropyltoluene
 Concen: 108.924 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033614.D
 Acq: 04 Jan 2023 12:37

Tgt Ion:119 Resp: 865090
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 105.879 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 461998

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.5

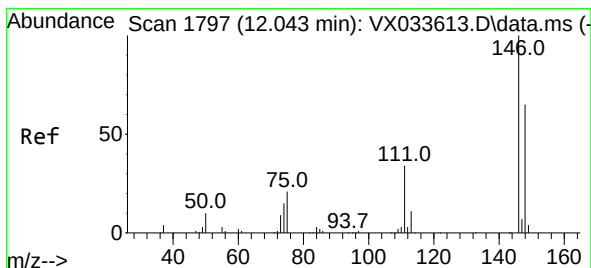
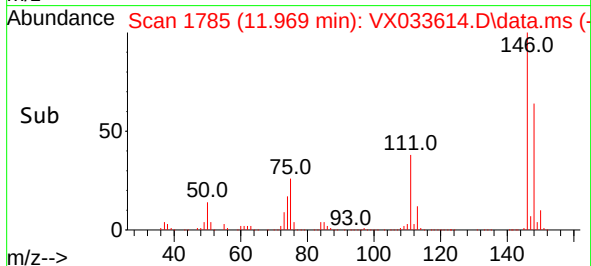
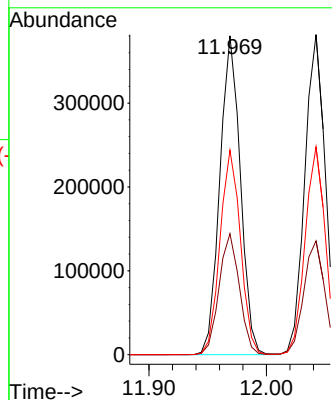
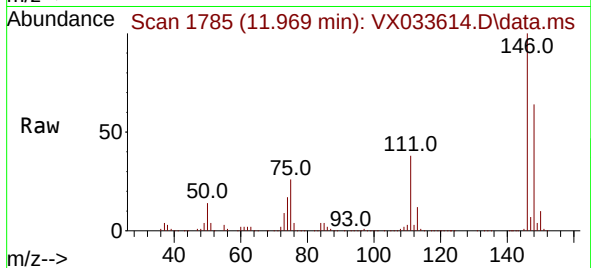
148 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#88

1,4-Dichlorobenzene

Concen: 108.628 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

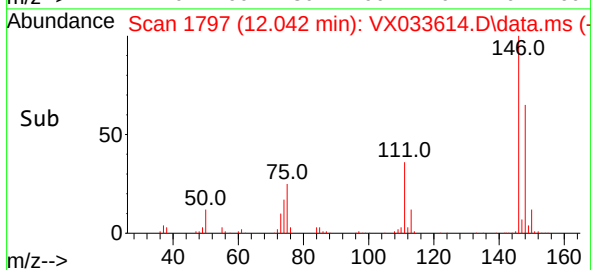
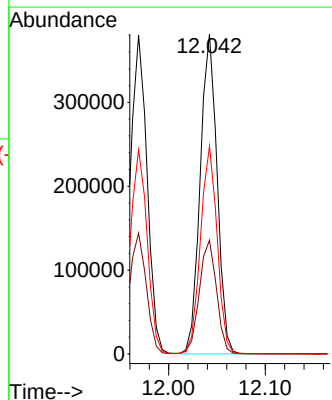
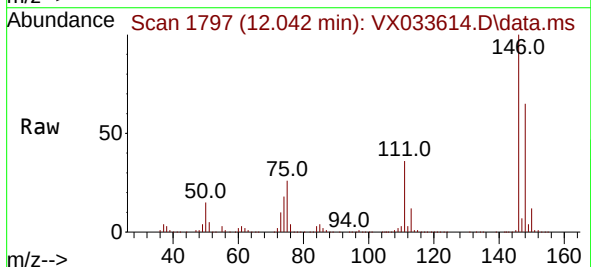
Tgt Ion:146 Resp: 463678

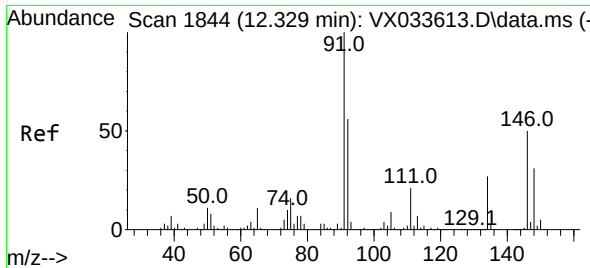
Ion Ratio Lower Upper

146 100

111 36.2 18.2 54.6

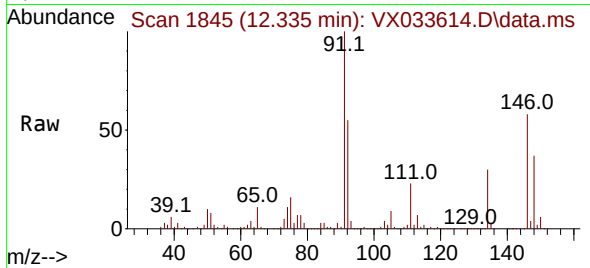
148 64.3 32.2 96.6





#89
n-Butylbenzene
Concen: 112.252 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

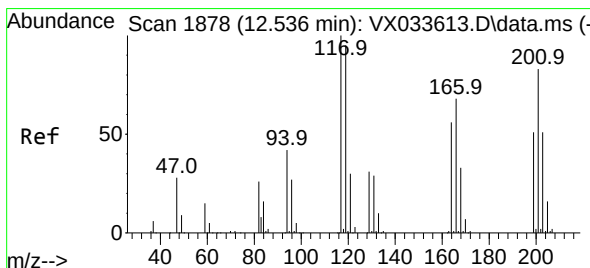
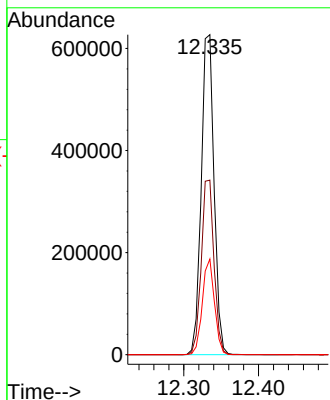
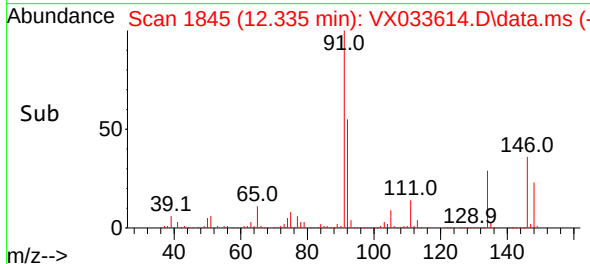
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 745539
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.7
134 28.4 14.1 42.4

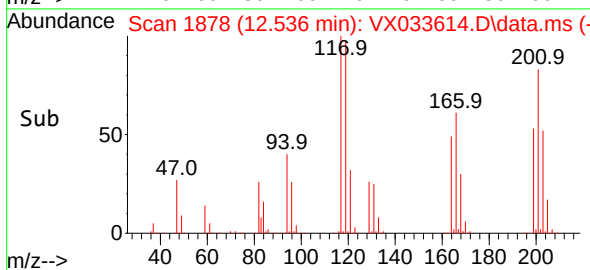
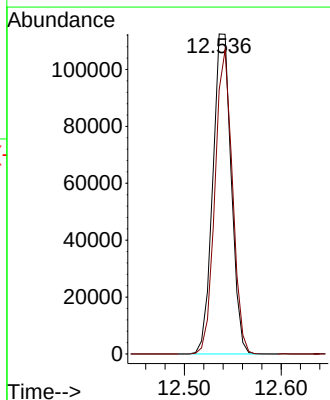
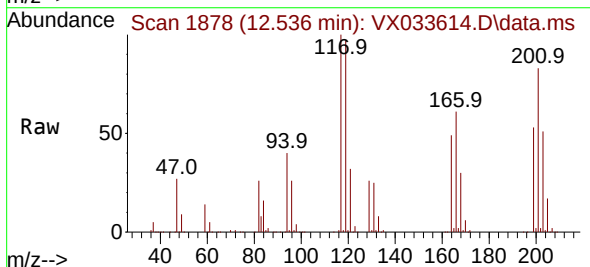
Manual Integrations
APPROVED

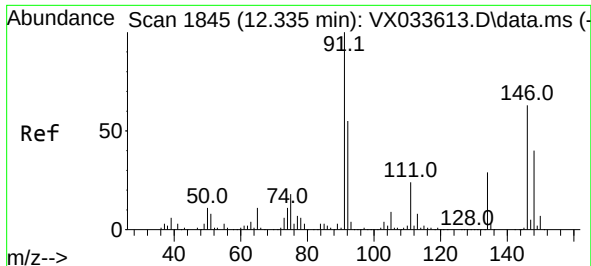
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#90
Hexachloroethane
Concen: 116.187 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Tgt Ion:117 Resp: 148873
Ion Ratio Lower Upper
117 100
201 89.8 45.6 136.7





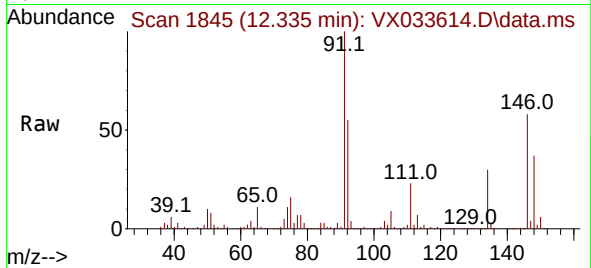
#91
1,2-Dichlorobenzene
Concen: 106.184 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



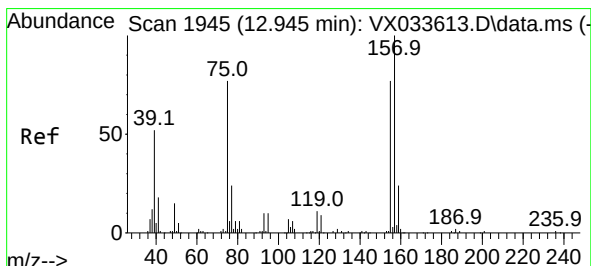
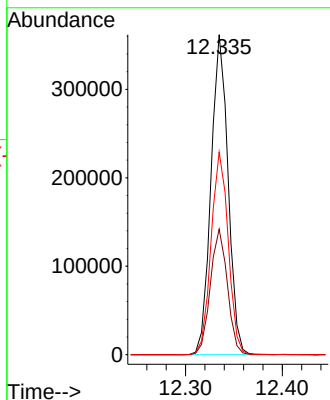
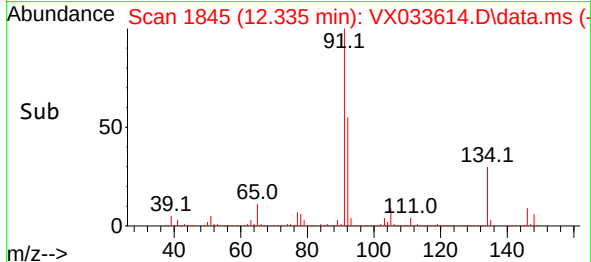
Tgt Ion:146 Resp: 442714
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.9 32.1 96.5

Manual Integrations

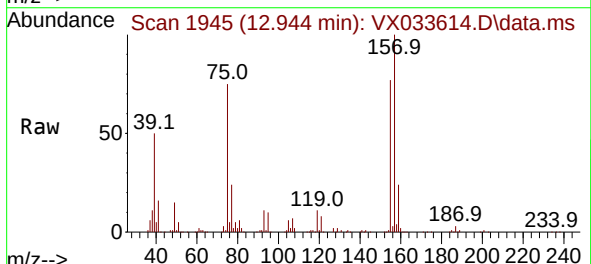
APPROVED

Reviewed By :John Carlone 01/05/2023

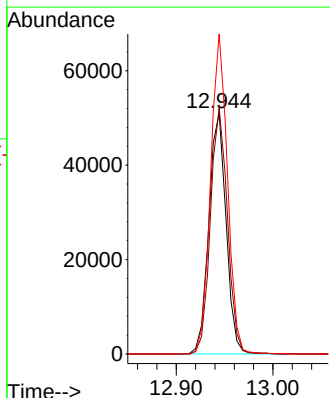
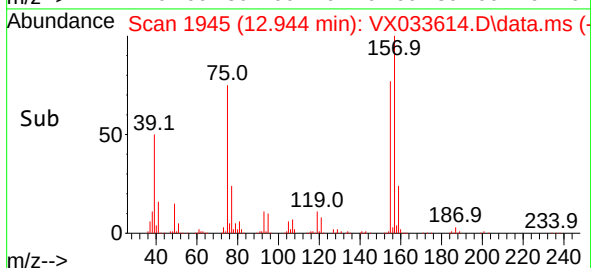
Supervised By :Mahesh Dadoda 01/05/2023

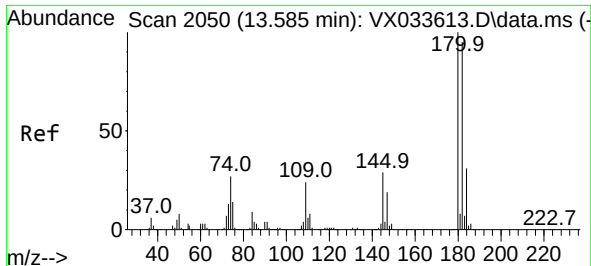


#92
1,2-Dibromo-3-Chloropropane
Concen: 119.217 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



Tgt Ion: 75 Resp: 63278
Ion Ratio Lower Upper
75 100
155 100.8 48.4 145.0
157 130.1 62.7 188.2





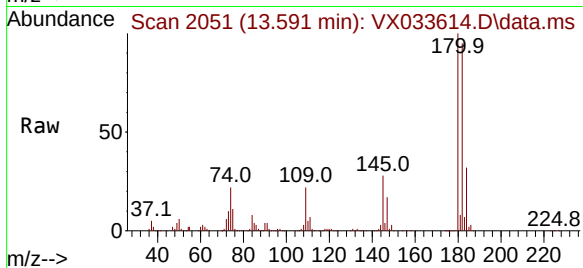
#93
1,2,4-Trichlorobenzene
Concen: 126.887 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



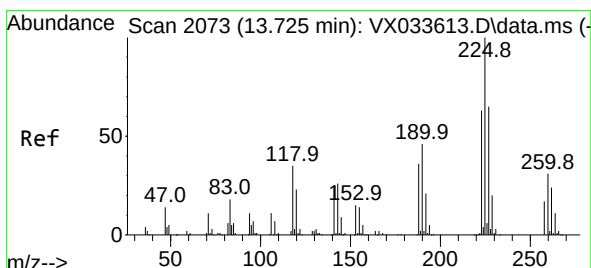
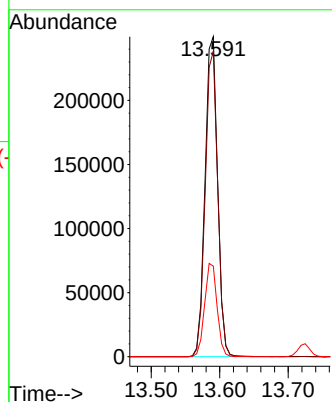
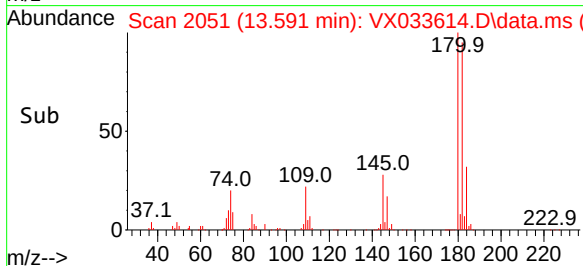
Tgt Ion:180 Resp: 318350
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 29.0 14.1 42.2

Manual Integrations

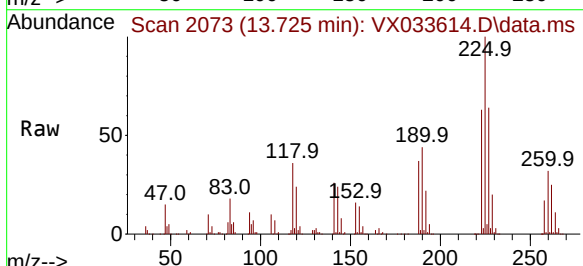
APPROVED

Reviewed By :John Carlone 01/05/2023

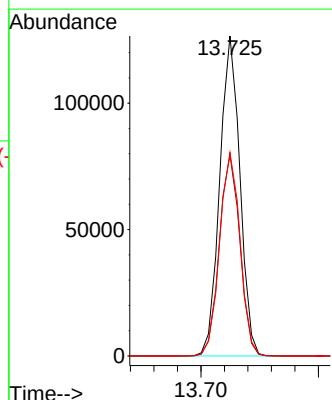
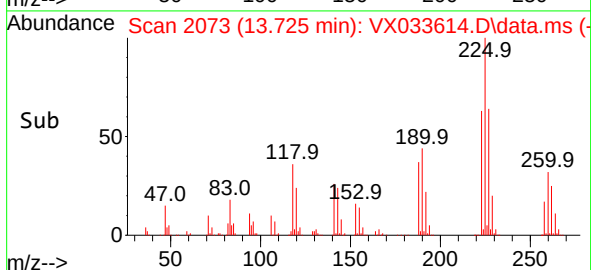
Supervised By :Mahesh Dadoda 01/05/2023

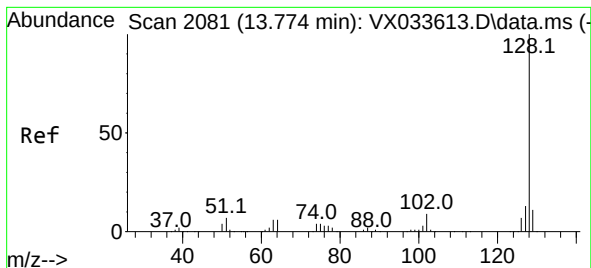


#94
Hexachlorobutadiene
Concen: 118.414 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033614.D
Acq: 04 Jan 2023 12:37



Tgt Ion:225 Resp: 150833
Ion Ratio Lower Upper
225 100
223 64.0 31.4 94.3
227 64.7 31.9 95.5





#95

Naphthalene

Concen: 120.888 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

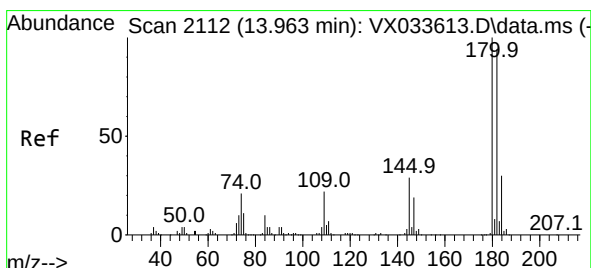
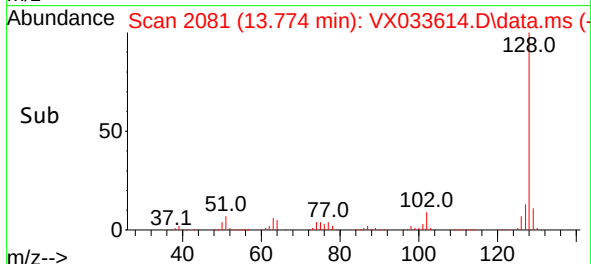
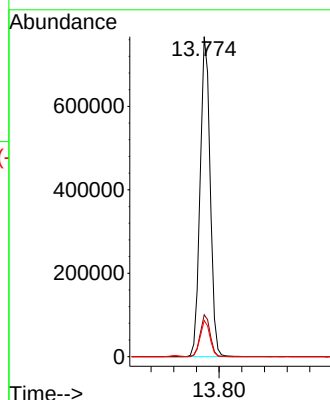
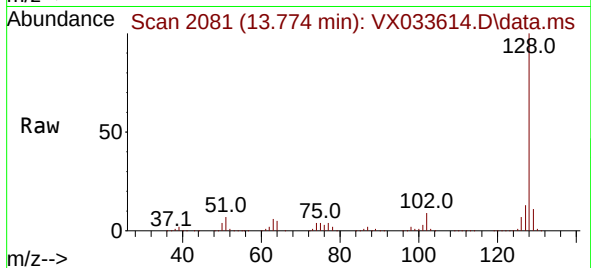
Tgt Ion:128 Resp: 94107
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 122.904 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033614.D

Acq: 04 Jan 2023 12:37

Tgt Ion:180 Resp: 312861
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.2 141.6
 145 30.3 15.0 45.0

