

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033771.D
 Acq On : 18 Jan 2023 13:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

Quant Time: Jan 18 14:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 12:35:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	16139	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110466	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124457	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36633	28.033	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.433%	
60) 4-Bromofluorobenzene	11.079	95	66003	29.425	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.067%	
63) Toluene-d8	8.647	98	118249	29.688	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.967%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127751	75.688	ug/l	99
3) Chloromethane	1.294	50	139036	76.848	ug/l	98
4) Vinyl Chloride	1.374	62	134779	82.472	ug/l	98
5) Bromomethane	1.618	94	89516	98.891	ug/l	98
6) Chloroethane	1.691	64	70647	73.814	ug/l	96
7) Trichlorofluoromethane	1.886	101	200024	79.313	ug/l	98
8) Diethyl Ether	2.130	74	76919	93.674	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	123708	94.599	ug/l	97
10) 1,1-Dichloroethene	2.319	96	121047	98.180	ug/l	96
11) Methyl Iodide	2.453	142	185246	87.403	ug/l	93
12) Methyl Acetate	2.703	43	208970	80.960	ug/l	97
13) Acrolein	2.239	56	122840	441.386	ug/l	100
14) Acrylonitrile	3.069	53	339831	399.241	ug/l	99
15) Acetone	2.392	58	99528	516.677	ug/l	80
16) Carbon Disulfide	2.514	76	300895	83.870	ug/l	99
17) Allyl chloride	2.666	41	216386	82.501	ug/l	86
18) Methylene Chloride	2.788	84	132549	76.768	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	127335	76.874	ug/l	91
20) Diisopropyl ether	3.757	45	417330	73.720	ug/l	94
21) 1,1-Dichloroethane	3.611	63	229235	73.840	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	150967	76.640	ug/l	95
23) tert-Butyl Alcohol	3.014	59	114051m	339.225	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	399145	75.814	ug/l	96
25) Chloroform	5.093	83	230566	73.170	ug/l	98
26) Cyclohexane	5.471	56	207949	72.170	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	175443	73.475	ug/l	98
30) 2-Butanone	4.562	43	476507	382.137	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	170699	83.031	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	202141	72.511	ug/l	98
33) Carbon Tetrachloride	5.678	117	184821	73.452	ug/l	97
34) Benzene	6.038	78	527217	76.003	ug/l	99
35) Methacrylonitrile	4.922	41	105480	74.237	ug/l	96
36) 1,2-Dichloroethane	6.086	62	179115	71.030	ug/l	97
37) Trichloroethene	7.123	130	150965	75.462	ug/l	100
38) Methylcyclohexane	7.379	83	220362	74.218	ug/l	97
39) 1,2-Dichloropropane	7.428	63	131516	74.185	ug/l	96
40) Dibromomethane	7.580	93	92422	74.182	ug/l	96
41) Bromodichloromethane	7.824	83	178362	73.809	ug/l	99
42) Vinyl Acetate	3.721	43	1636484	367.245	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033771.D
 Acq On : 18 Jan 2023 13:47
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2023
 Supervised By : Mahesh Dadoda 01/19/2023

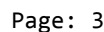
Quant Time: Jan 18 14:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 12:35:47 2023
 Response via : Initial Calibration

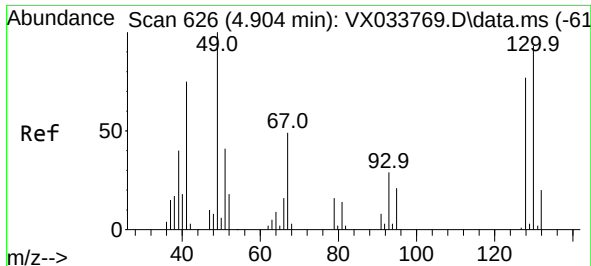
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	184790	72.323	ug/l	96
44) Isopropyl Acetate	6.336	43	298057	74.354	ug/l	97
45) 1,4-Dioxane	7.726	88	62108	1420.166	ug/l #	1
46) Methyl methacrylate	7.690	41	152190	74.986	ug/l	97
47) n-amyl Acetate	10.842	43	264724	77.565	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	202509	82.014	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	222240	81.038	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	139757	77.278	ug/l	98
51) Ethyl methacrylate	9.116	69	216008	80.097	ug/l	99
52) 1,3-Dichloropropane	9.311	76	235182	77.642	ug/l	99
53) Dibromochloromethane	9.519	129	158619	80.469	ug/l	97
54) 1,2-Dibromoethane	9.610	107	152166	78.729	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	528457	405.342	ug/l	99
56) Bromoform	10.799	173	125784	83.111	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	956181	386.763	ug/l	98
59) 2-Hexanone	9.433	43	719945	395.687	ug/l	99
61) Tetrachloroethene	9.275	164	137891	76.790	ug/l	97
62) Toluene	8.720	91	583809	74.518	ug/l	98
64) Chlorobenzene	10.079	112	387725	76.839	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	149129	78.525	ug/l	99
66) Ethyl Benzene	10.195	91	670763	76.774	ug/l	99
67) m/p-Xylenes	10.299	106	527821	153.068	ug/l	99
68) o-Xylene	10.640	106	262349	77.405	ug/l	98
69) Styrene	10.653	104	434798	77.510	ug/l	99
70) Isopropylbenzene	10.963	105	665965	75.871	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	199359	75.431	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	183369m	76.586	ug/l	
73) Bromobenzene	11.195	156	179761	77.384	ug/l	97
74) n-propylbenzene	11.305	91	767941	77.059	ug/l	100
75) 2-Chlorotoluene	11.366	91	451666	75.774	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	555257	76.192	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	63001	87.952	ug/l	84
78) 4-Chlorotoluene	11.451	91	511317	76.494	ug/l	100
79) tert-butylbenzene	11.713	119	572233	76.563	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	552853	76.790	ug/l	98
81) sec-Butylbenzene	11.890	105	695689	76.927	ug/l	100
82) p-Isopropyltoluene	12.012	119	599746	76.891	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	326649	77.028	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	331928	78.507	ug/l	99
85) n-Butylbenzene	12.335	91	506907	79.936	ug/l	98
86) Hexachloroethane	12.536	117	100534	79.227	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	318029	77.853	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	42228	76.959	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	225894	80.403	ug/l	99
90) Hexachlorobutadiene	13.725	225	104354	77.465	ug/l	98
91) Naphthalene	13.774	128	655842	79.497	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	225473	79.986	ug/l	99

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

Manual Integrations

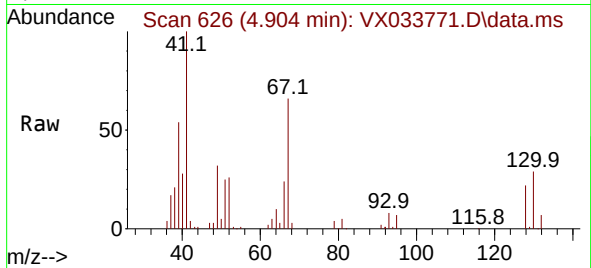
Quant Time: Jan 18 14:14:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 18 12:35:47 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

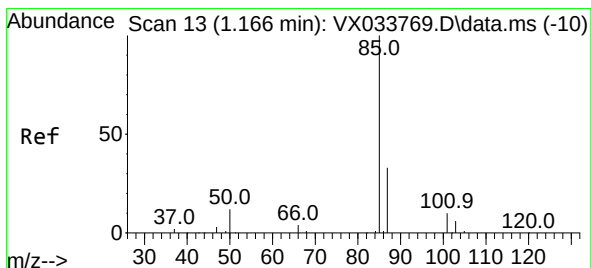
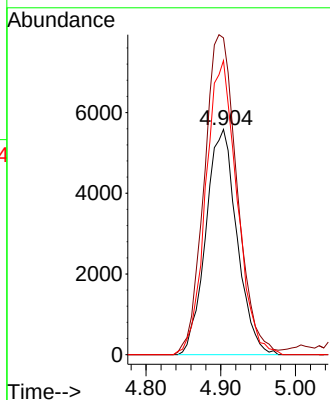
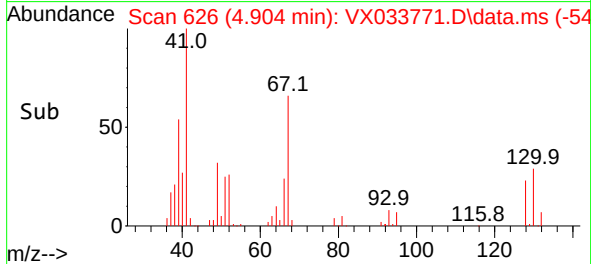
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



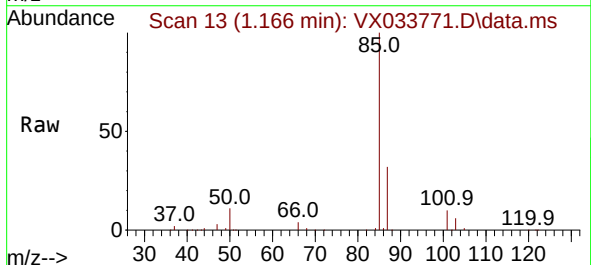
Tgt Ion:128 Resp: 16139
Ion Ratio Lower Upper
128 100
49 150.3 0.0 398.5
130 131.1 0.0 329.0

Manual Integrations
APPROVED

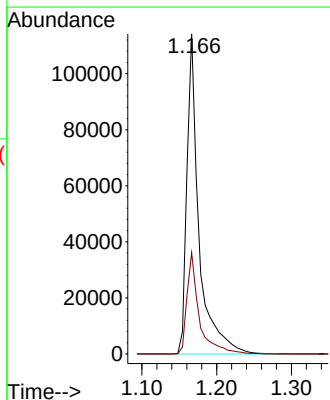
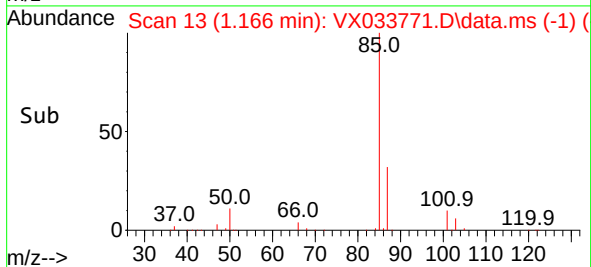
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

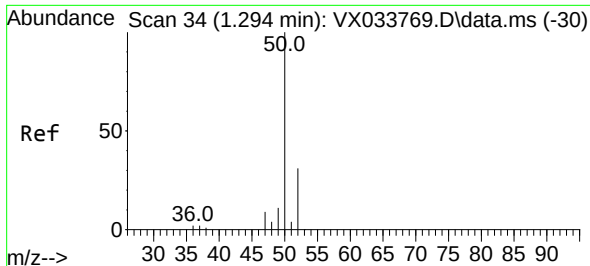


#2
Dichlorodifluoromethane
Concen: 75.688 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



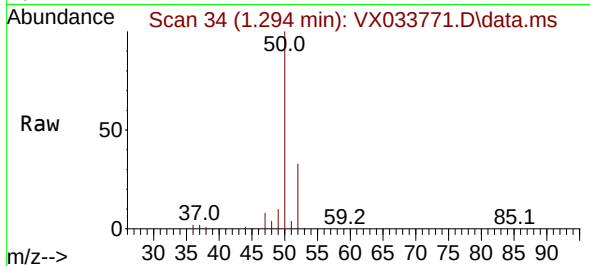
Tgt Ion: 85 Resp: 127751
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0





#3
Chloromethane
Concen: 76.848 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

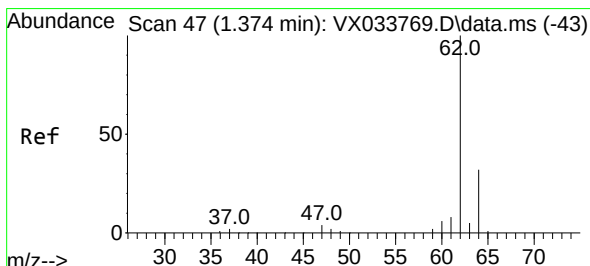
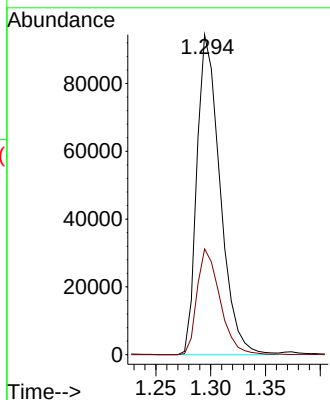
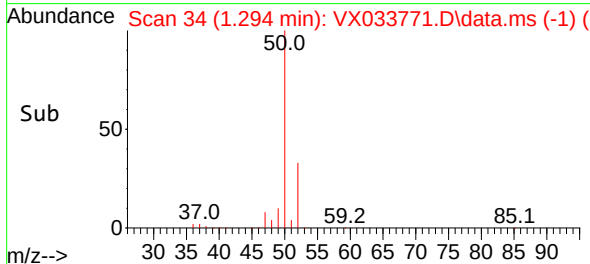
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



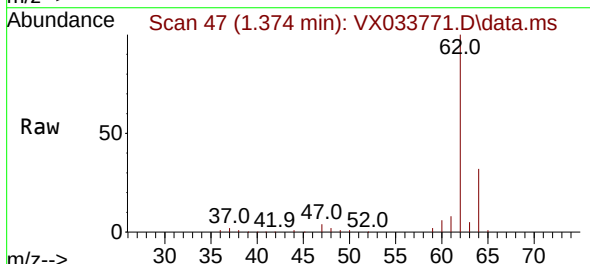
Tgt Ion: 50 Resp: 139036
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

Manual Integrations
APPROVED

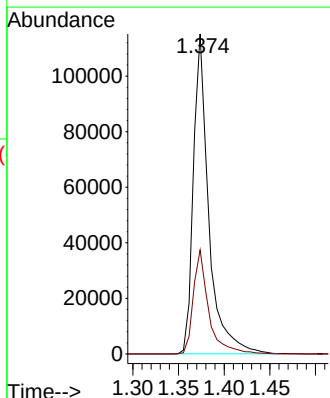
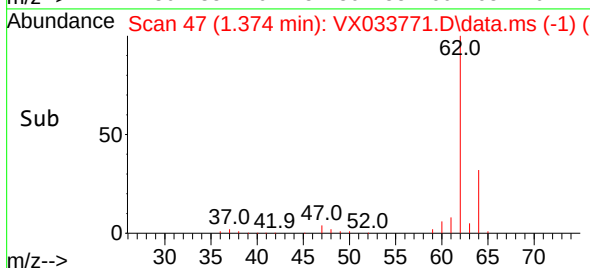
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

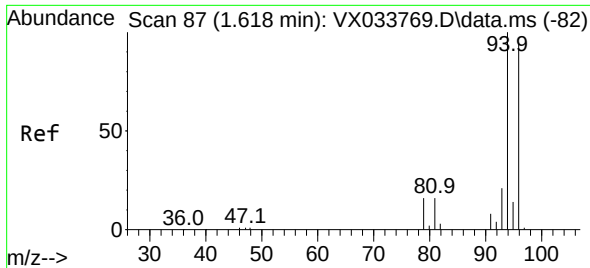


#4
Vinyl Chloride
Concen: 82.472 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 62 Resp: 134779
Ion Ratio Lower Upper
62 100
64 32.5 24.9 37.3





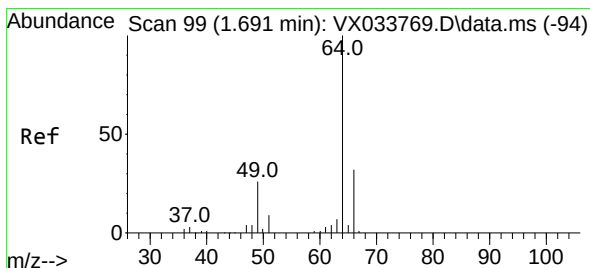
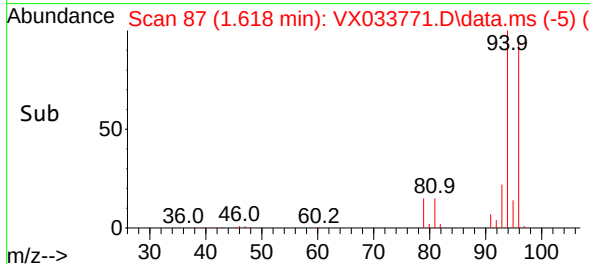
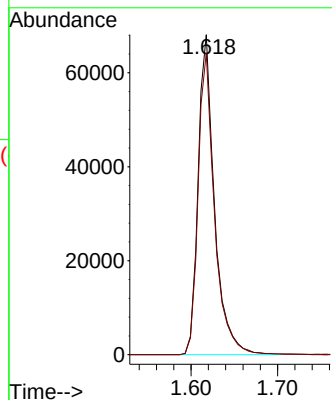
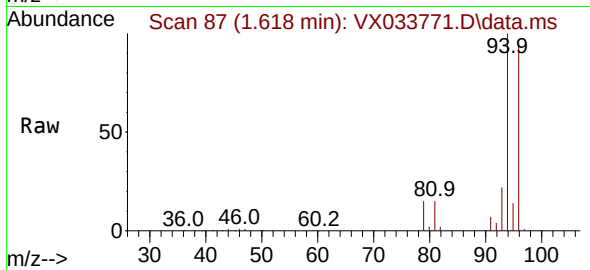
#5
Bromomethane
Concen: 98.891 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 89510
Ion Ratio Lower Upper
94 100
96 94.3 73.6 110.4

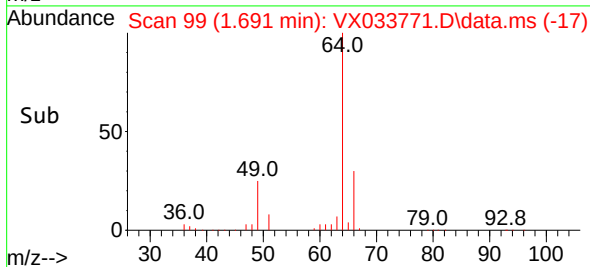
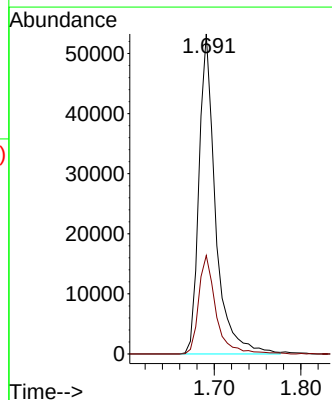
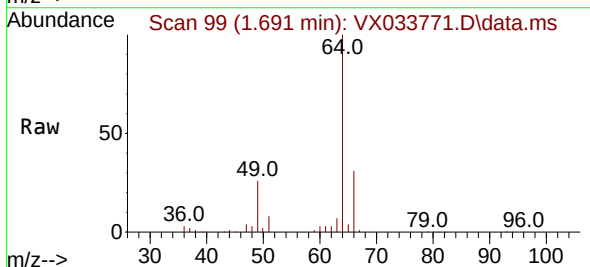
Manual Integrations
APPROVED

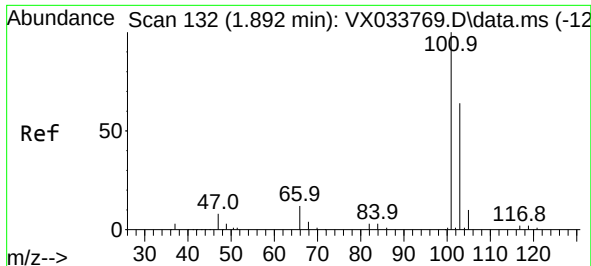
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 73.814 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 64 Resp: 70647
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





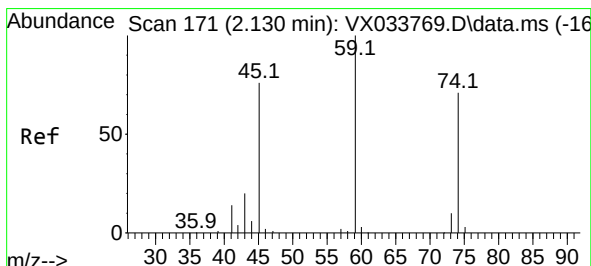
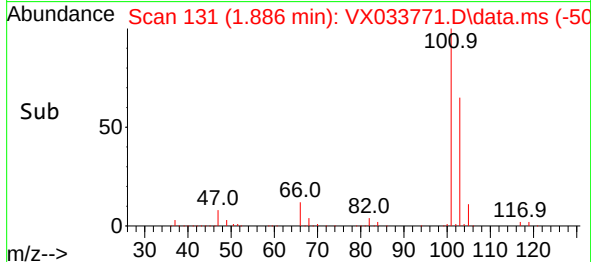
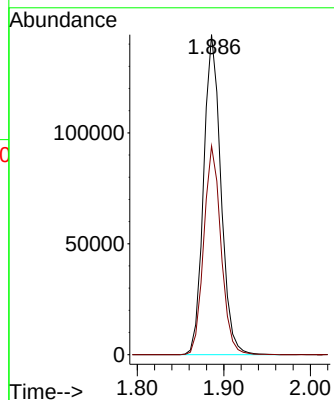
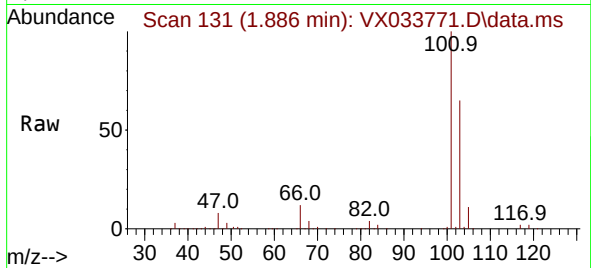
#7
Trichlorofluoromethane
Concen: 79.313 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 200024
Ion Ratio Lower Upper
101 100
103 65.2 53.7 80.5

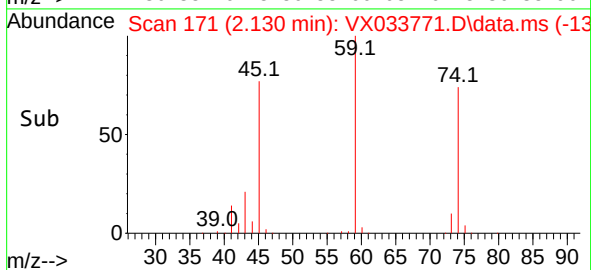
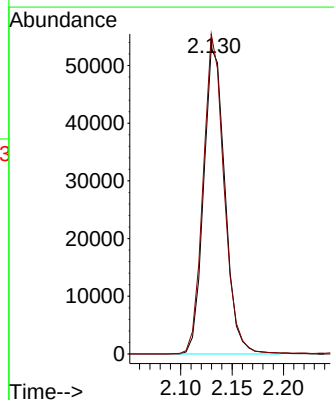
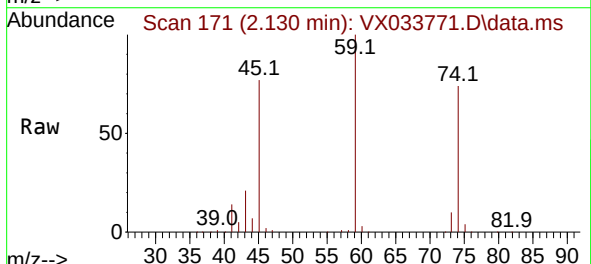
Manual Integrations
APPROVED

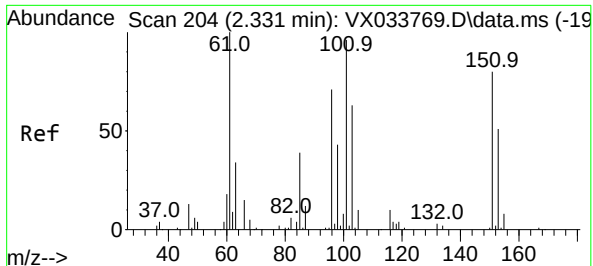
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#8
Diethyl Ether
Concen: 93.674 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 74 Resp: 76919
Ion Ratio Lower Upper
74 100
45 102.6 20.3 182.9





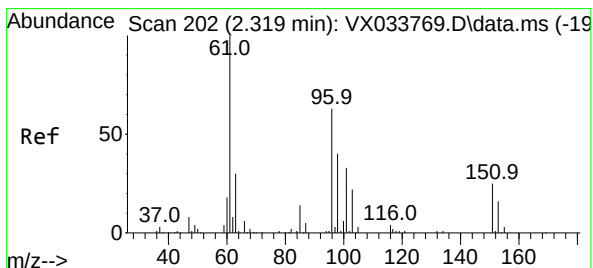
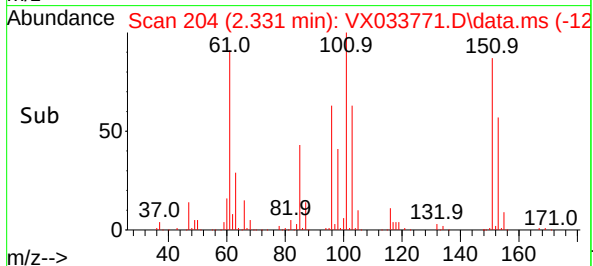
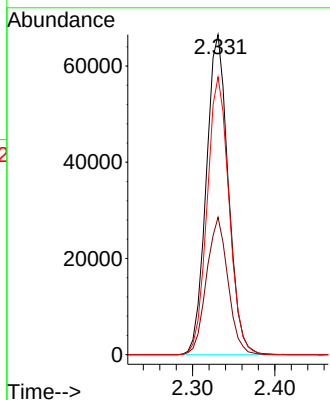
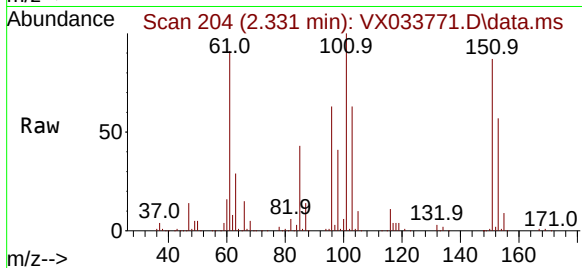
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.599 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 123708
Ion Ratio Lower Upper
101 100
85 41.9 0.0 88.8
151 86.6 0.0 167.2

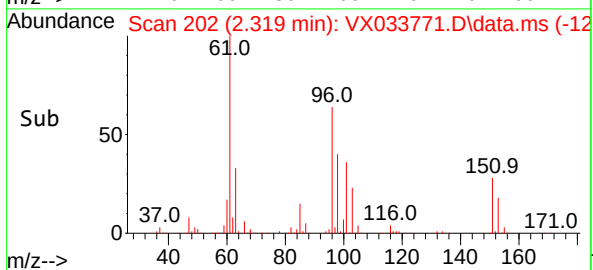
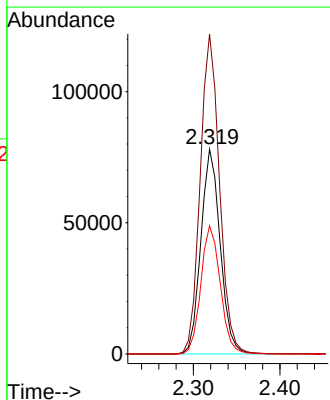
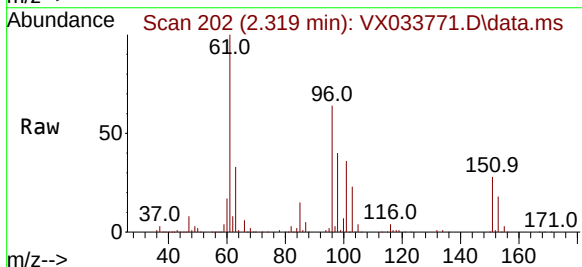
Manual Integrations
APPROVED

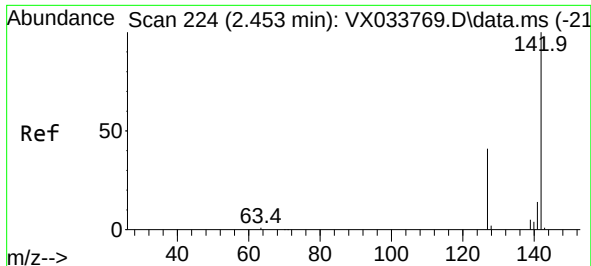
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 98.180 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

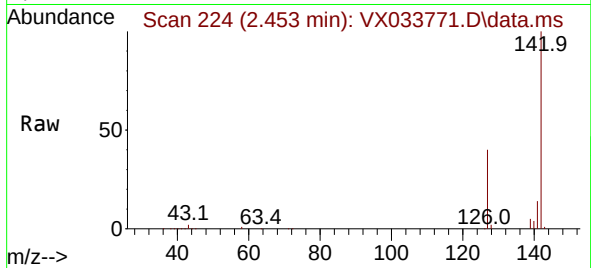
Tgt Ion: 96 Resp: 121047
Ion Ratio Lower Upper
96 100
61 156.1 130.6 195.8
98 62.6 50.8 76.2





#11
Methyl Iodide
Concen: 87.403 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

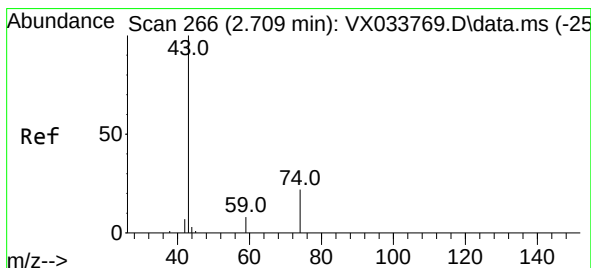
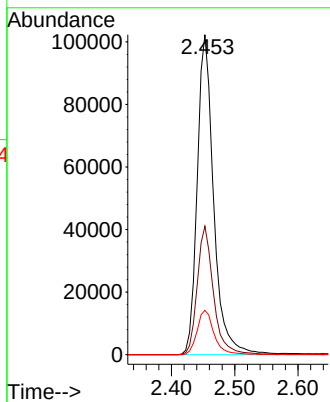
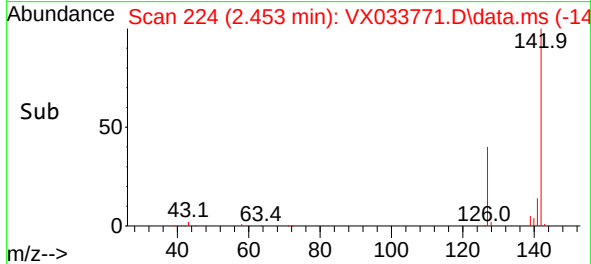
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 185240
Ion Ratio Lower Upper
142 100
127 40.2 23.2 69.5
141 13.9 7.3 22.0

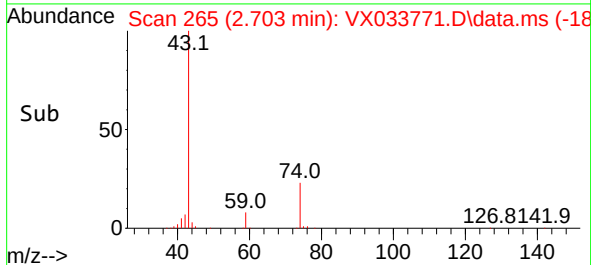
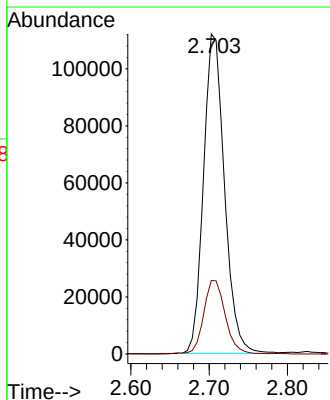
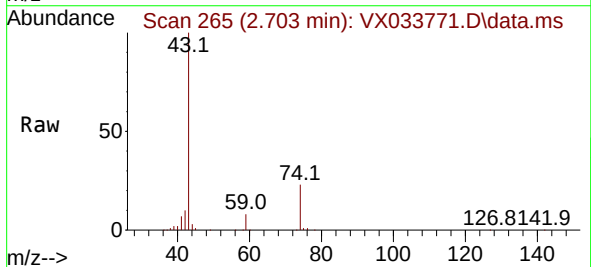
Manual Integrations
APPROVED

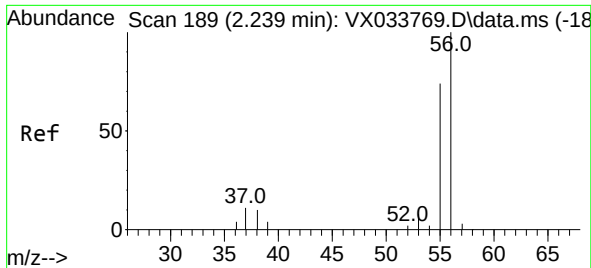
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 80.960 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 43 Resp: 208970
Ion Ratio Lower Upper
43 100
74 22.7 17.0 25.6





#13

Acrolein

Concen: 441.386 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 122840

Ion Ratio Lower Upper

56 100

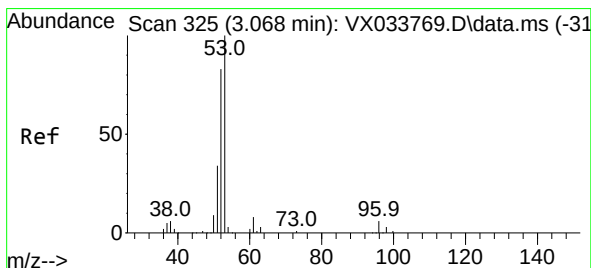
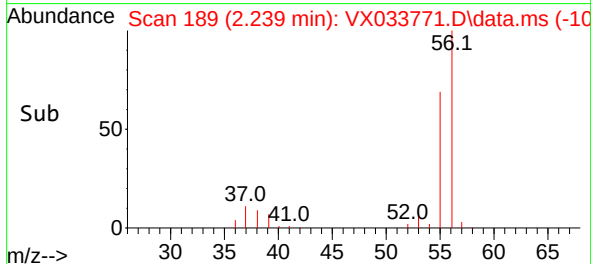
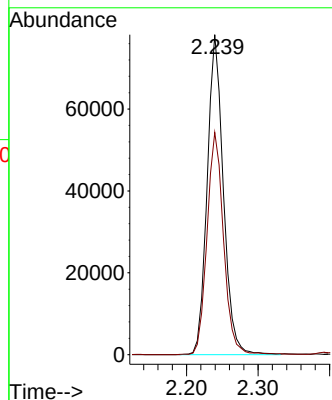
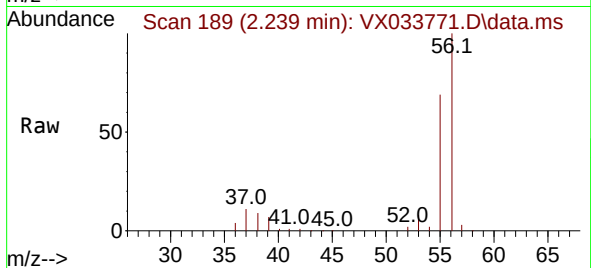
55 70.2 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#14

Acrylonitrile

Concen: 399.241 ug/l

RT: 3.069 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

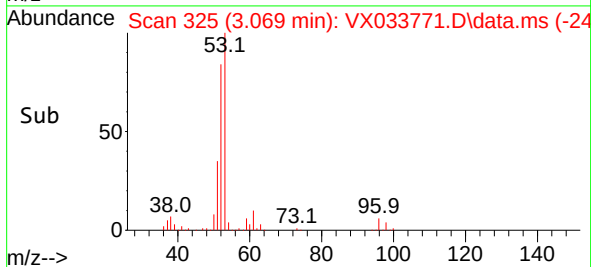
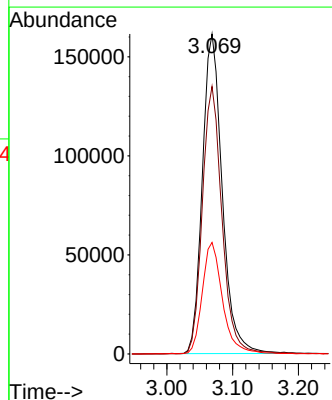
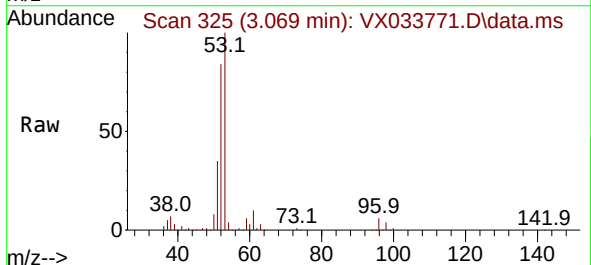
Tgt Ion: 53 Resp: 339831

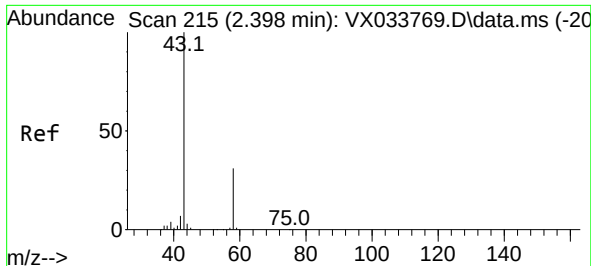
Ion Ratio Lower Upper

53 100

52 82.4 41.3 124.1

51 35.6 18.4 55.4





#15

Acetone

Concen: 516.677 ug/l

RT: 2.392 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 58 Resp: 99528

Ion Ratio Lower Upper

58 100

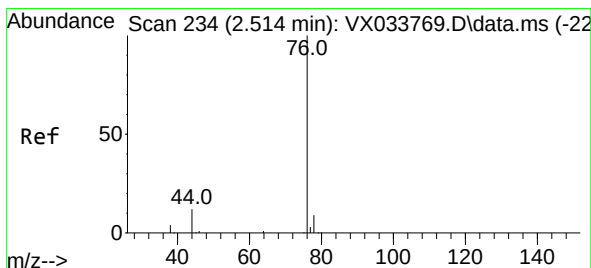
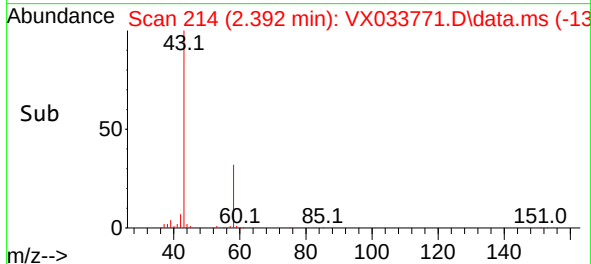
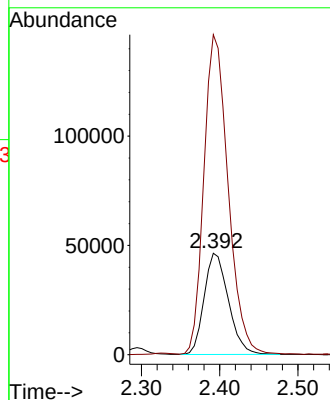
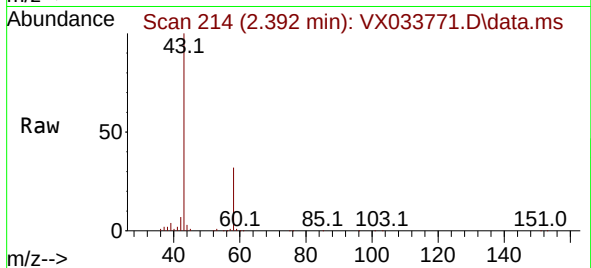
43 315.9 288.3 432.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#16

Carbon Disulfide

Concen: 83.870 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033771.D

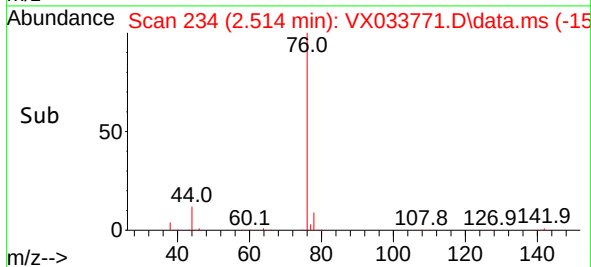
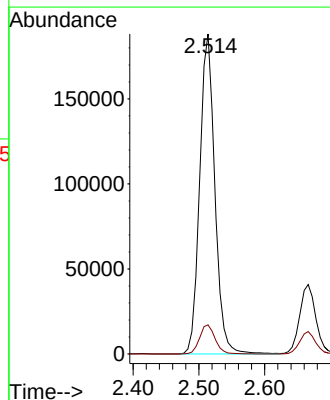
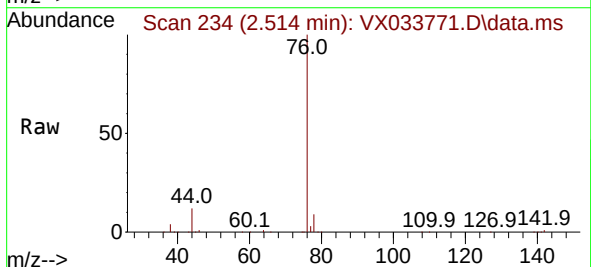
Acq: 18 Jan 2023 13:47

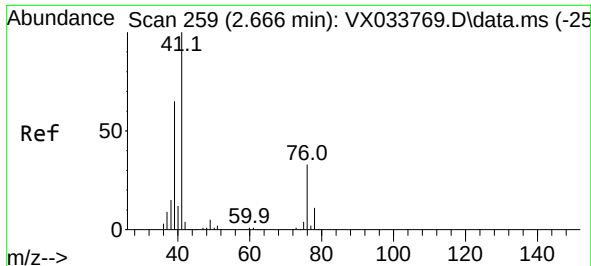
Tgt Ion: 76 Resp: 300895

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4





#17

Allyl chloride

Concen: 82.501 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 21638

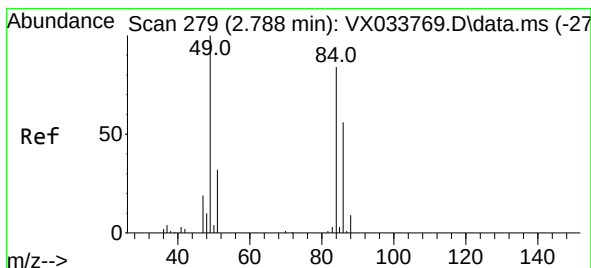
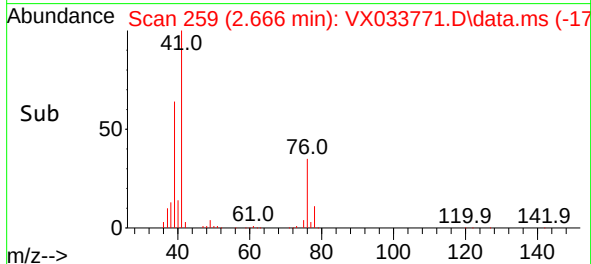
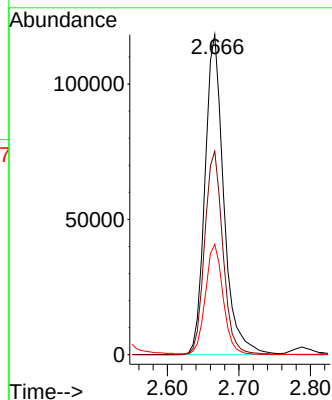
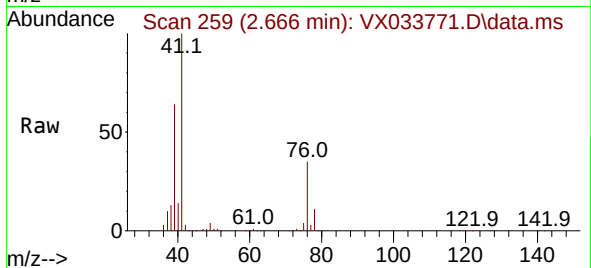
Ion	Ratio	Lower	Upper
41	100		
39	63.5	40.3	120.8
76	34.5	17.0	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#18

Methylene Chloride

Concen: 76.768 ug/l

RT: 2.788 min Scan# 279

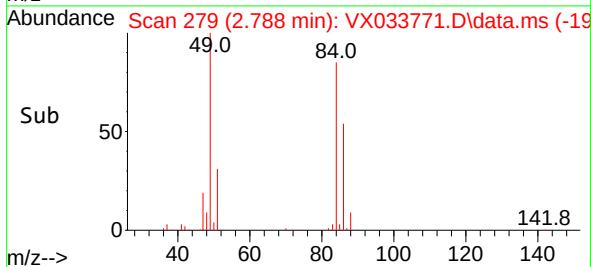
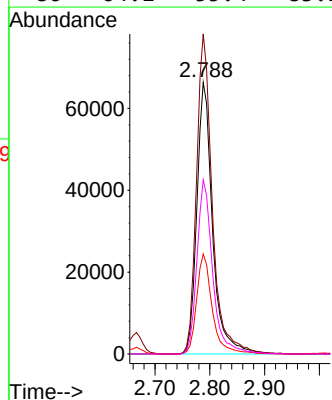
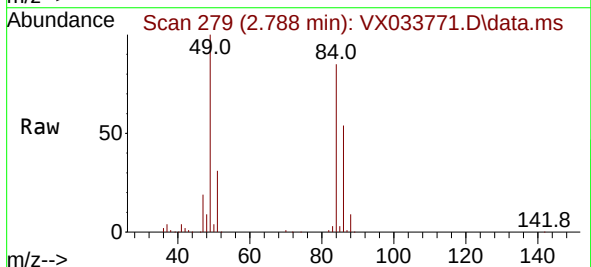
Delta R.T. -0.000 min

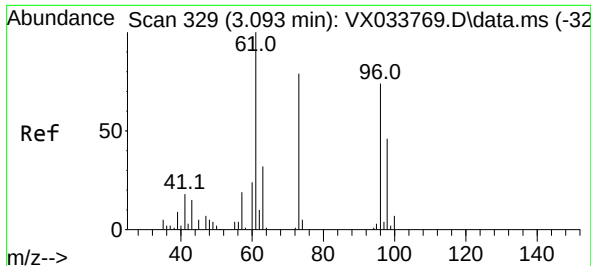
Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Tgt Ion: 84 Resp: 132549

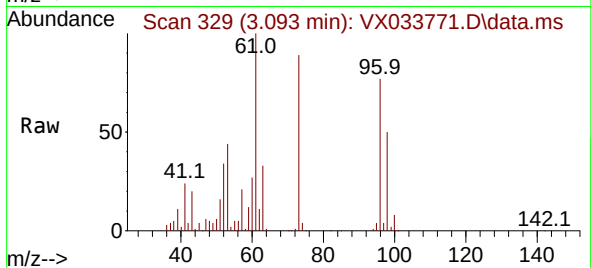
Ion	Ratio	Lower	Upper
84	100		
49	117.8	104.1	156.1
51	36.8	29.2	43.8
86	64.1	55.4	83.2





#19
trans-1,2-Dichloroethene
Concen: 76.874 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

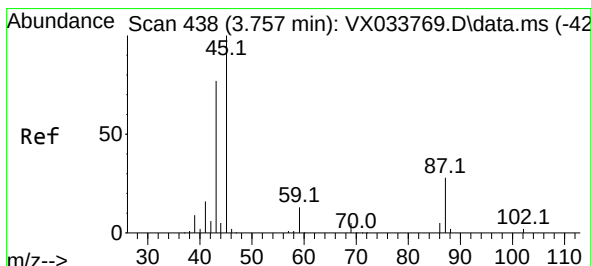
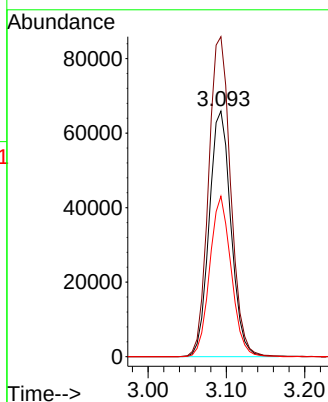
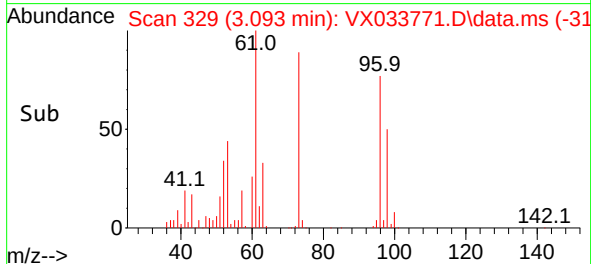
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



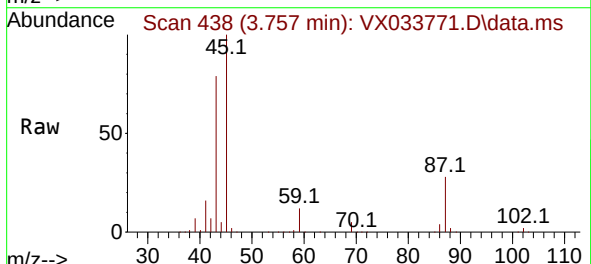
Tgt Ion: 96 Resp: 127335
Ion Ratio Lower Upper
96 100
61 130.3 117.1 175.7
98 65.3 52.0 78.0

Manual Integrations
APPROVED

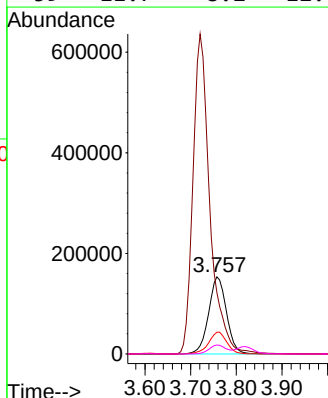
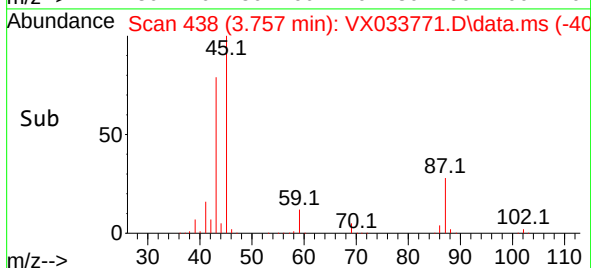
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

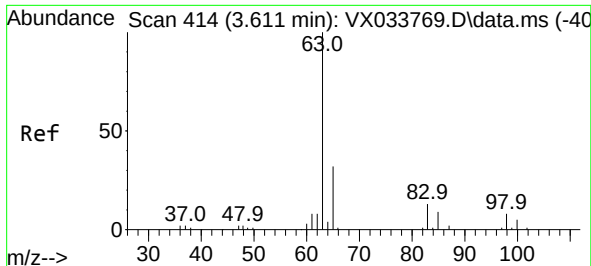


#20
Diisopropyl ether
Concen: 73.720 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 45 Resp: 417330
Ion Ratio Lower Upper
45 100
43 79.0 58.0 87.0
87 28.1 21.7 32.5
59 11.7 8.2 12.4





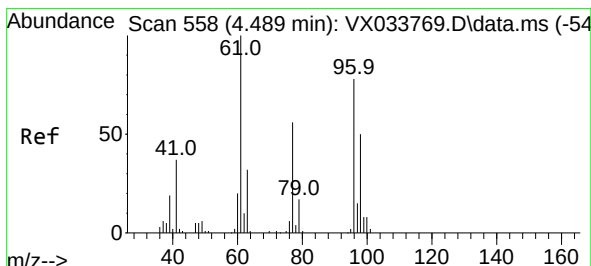
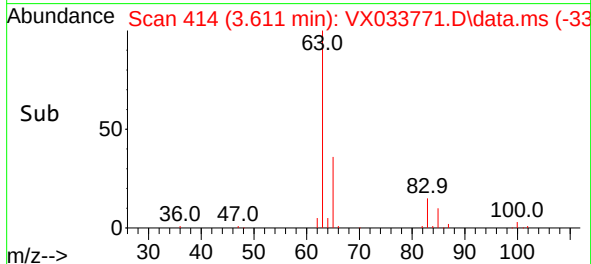
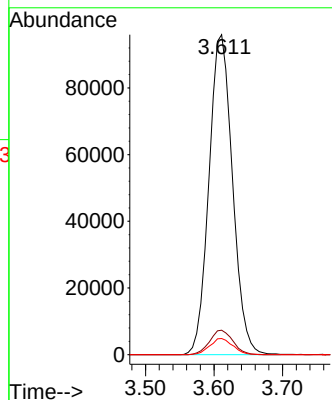
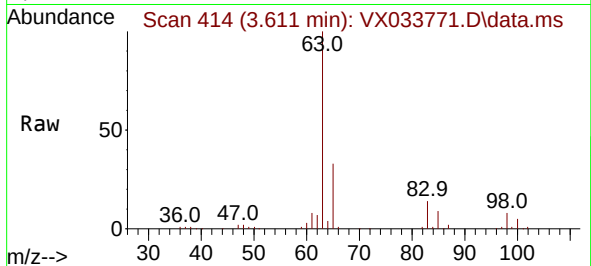
#21
1,1-Dichloroethane
Concen: 73.840 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 229235
Ion Ratio Lower Upper
63 100
98 7.7 4.0 12.2
100 5.1 2.4 7.2

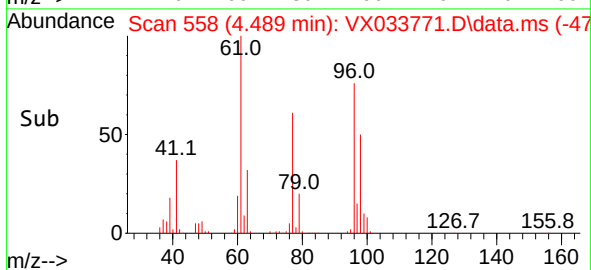
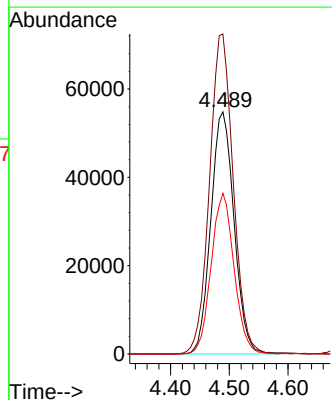
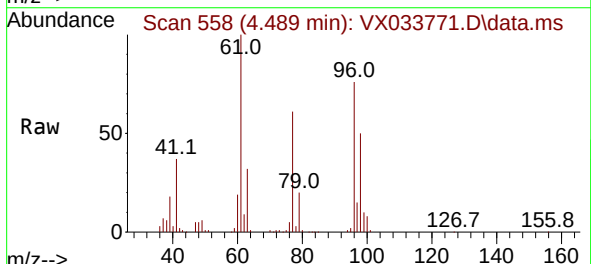
Manual Integrations
APPROVED

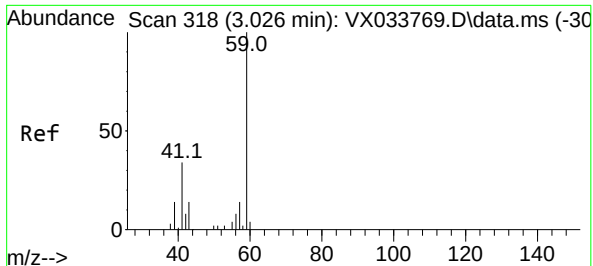
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 76.640 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 96 Resp: 150967
Ion Ratio Lower Upper
96 100
61 134.6 114.2 171.2
98 65.1 51.4 77.0





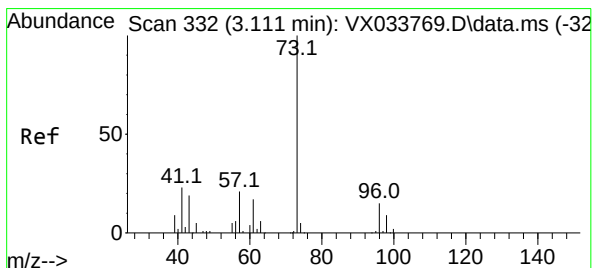
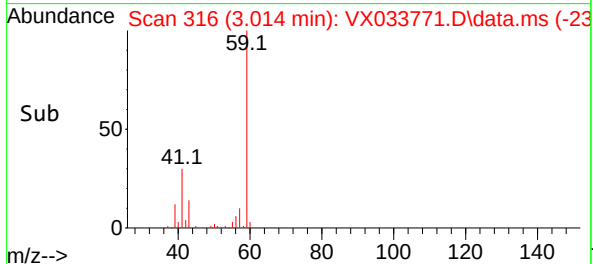
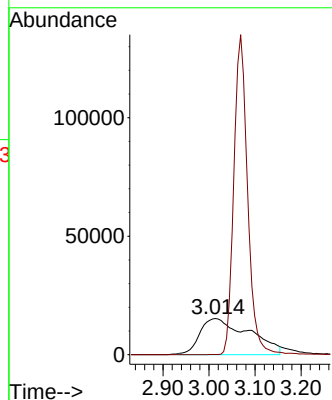
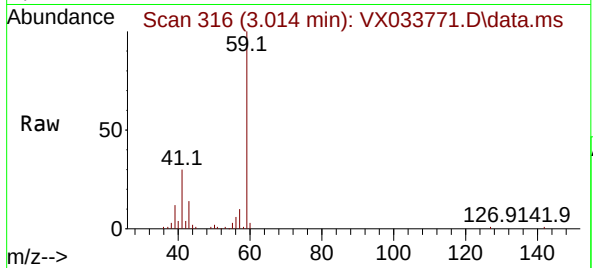
#23
tert-Butyl Alcohol
Concen: 339.225 ug/l m
RT: 3.014 min Scan# 318
Delta R.T. -0.030 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 11405
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2

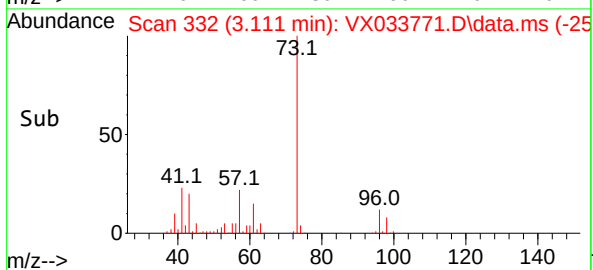
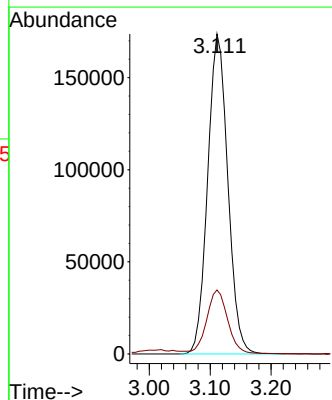
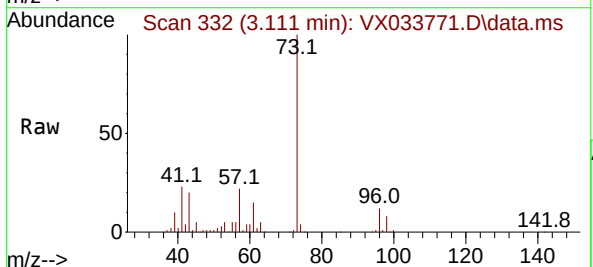
Manual Integrations
APPROVED

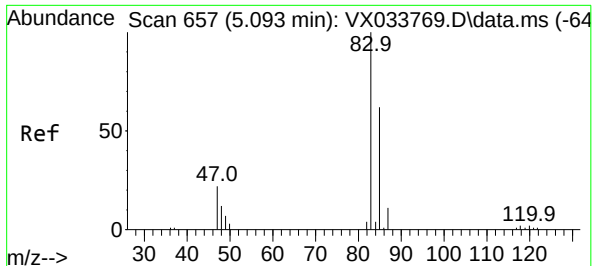
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 75.814 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 73 Resp: 399145
Ion Ratio Lower Upper
73 100
43 20.5 18.1 27.1





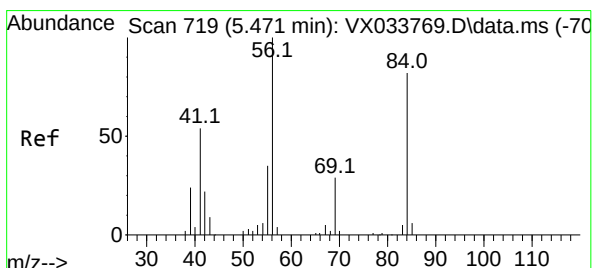
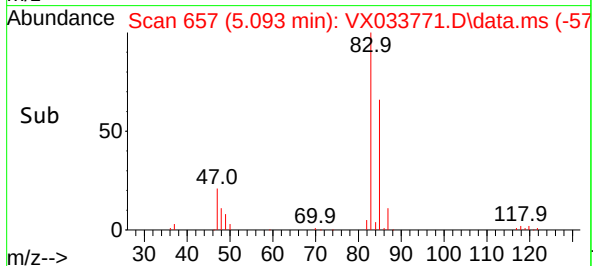
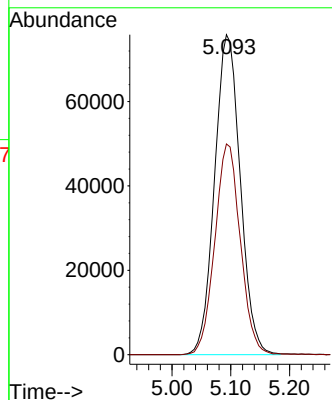
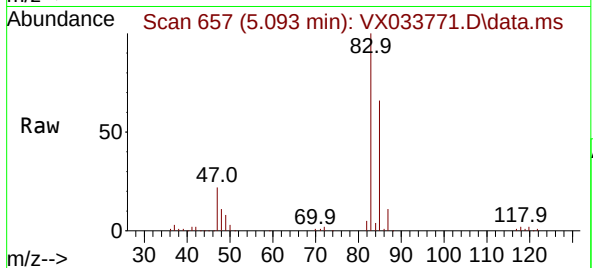
#25
Chloroform
Concen: 73.170 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 230560
Ion Ratio Lower Upper
83 100
85 65.8 53.9 80.9

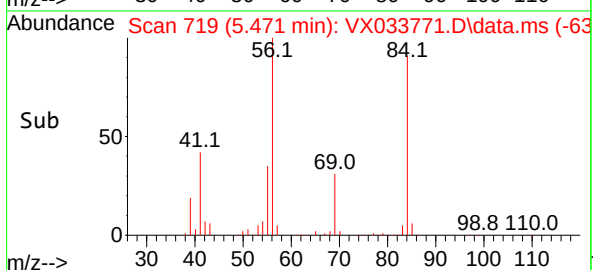
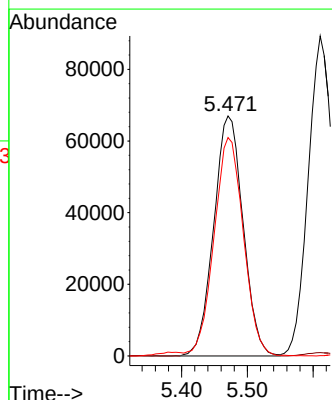
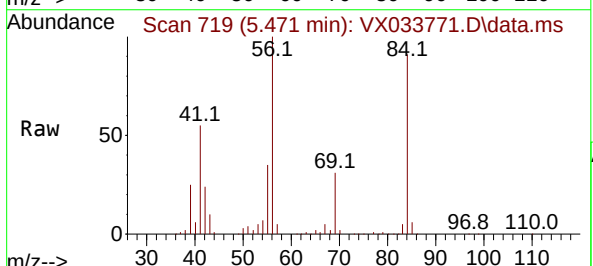
Manual Integrations
APPROVED

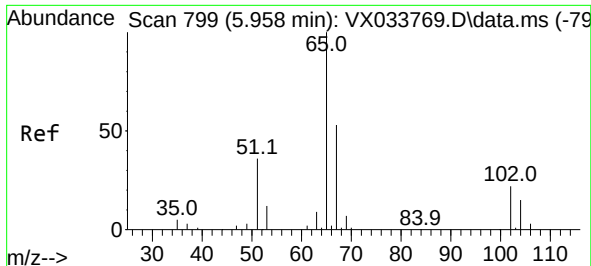
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 72.170 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 56 Resp: 207949
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.9 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 28.033 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 3663

Ion Ratio Lower Upper

65 100

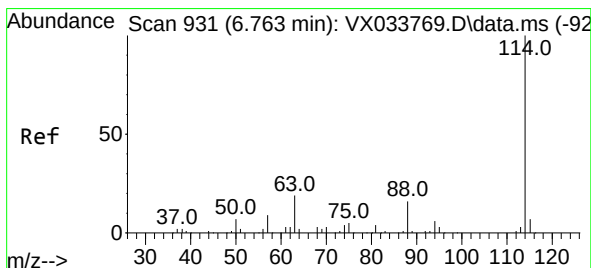
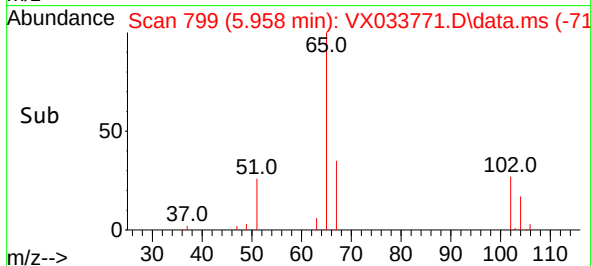
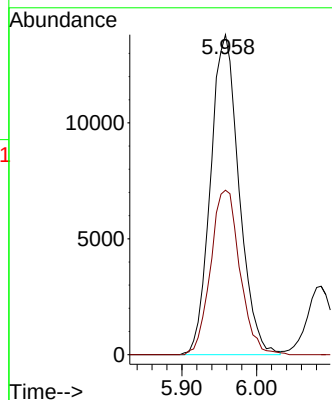
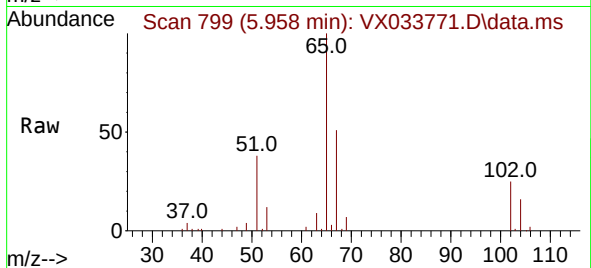
67 52.7 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

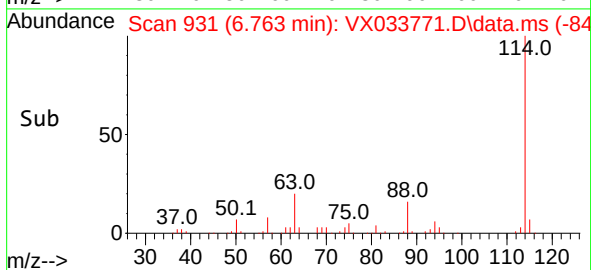
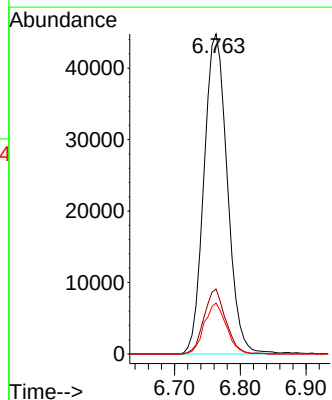
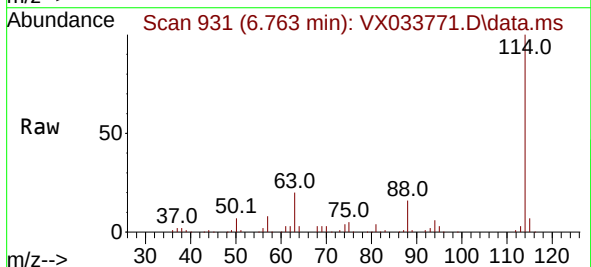
Tgt Ion:114 Resp: 110466

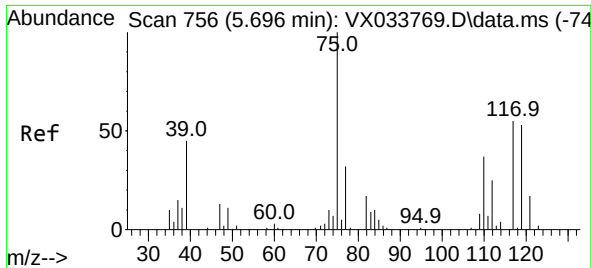
Ion Ratio Lower Upper

114 100

63 18.8 15.5 23.3

88 15.1 12.4 18.6





#29

1,1-Dichloropropene

Concen: 73.475 ug/l

RT: 5.696 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 17544

Ion Ratio Lower Upper

75 100

110 37.8 0.0 71.4

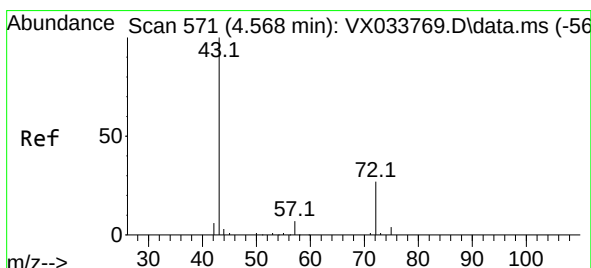
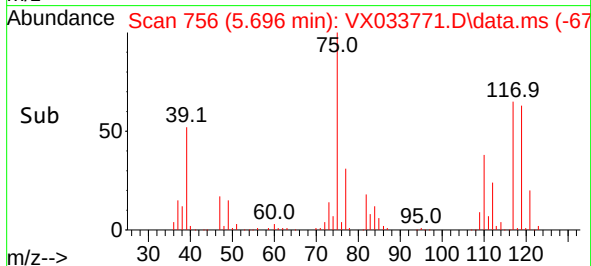
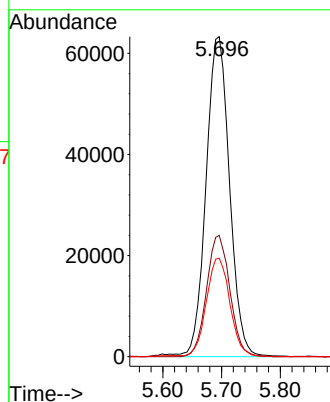
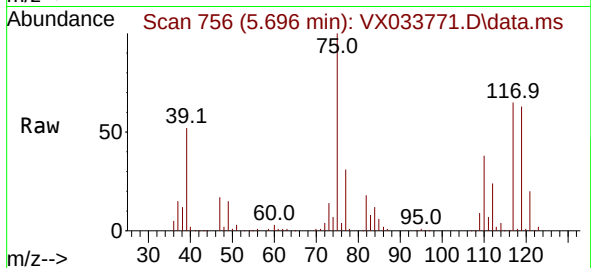
77 31.0 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#30

2-Butanone

Concen: 382.137 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

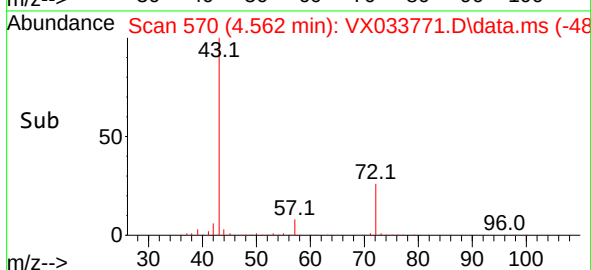
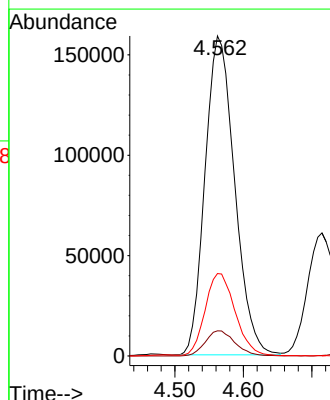
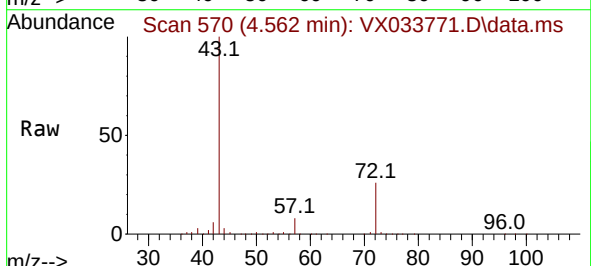
Tgt Ion: 43 Resp: 476507

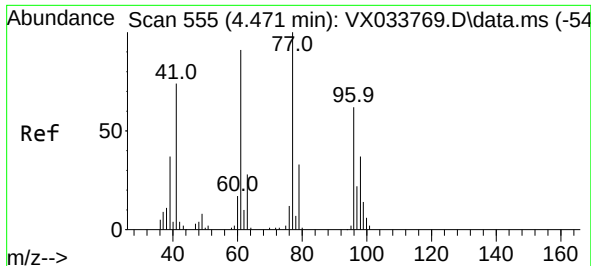
Ion Ratio Lower Upper

43 100

57 7.9 3.4 5.2

72 26.3 19.8 29.6





#31

2,2-Dichloropropane

Concen: 83.031 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 17069

Ion Ratio Lower Upper

77 100

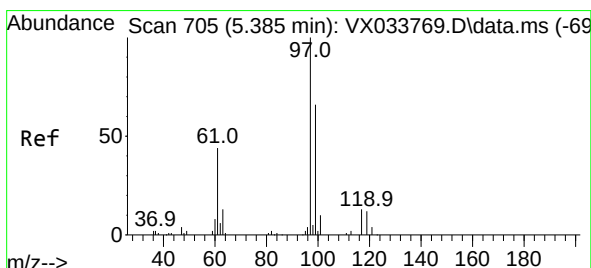
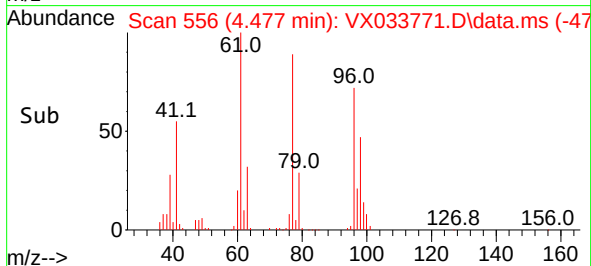
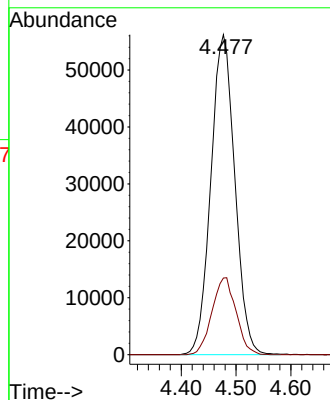
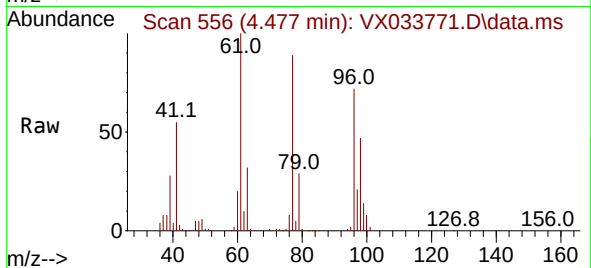
97 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#32

1,1,1-Trichloroethane

Concen: 72.511 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

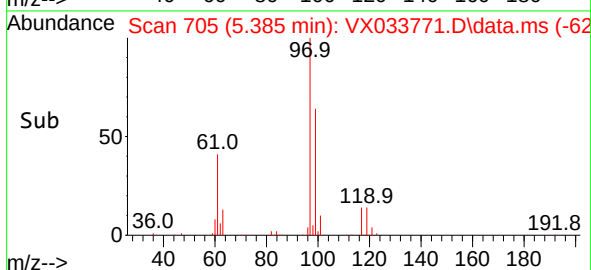
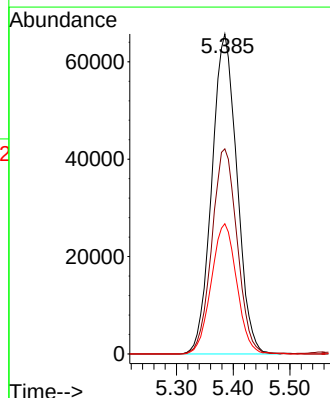
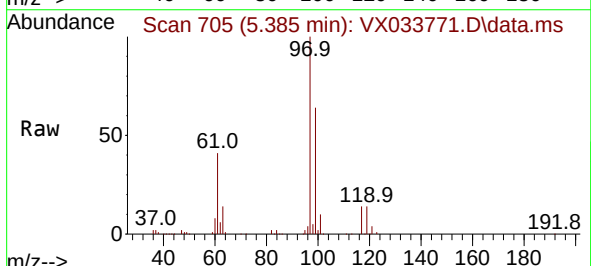
Tgt Ion: 97 Resp: 202141

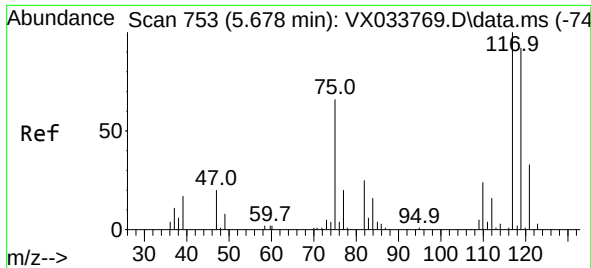
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

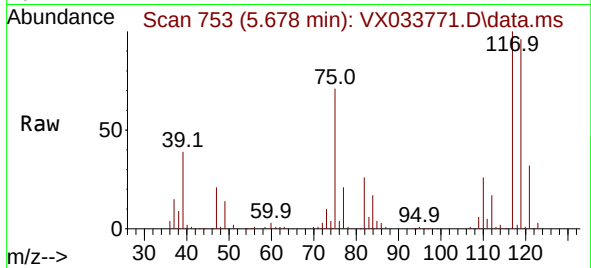
61 41.2 35.4 53.2





#33
Carbon Tetrachloride
Concen: 73.452 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

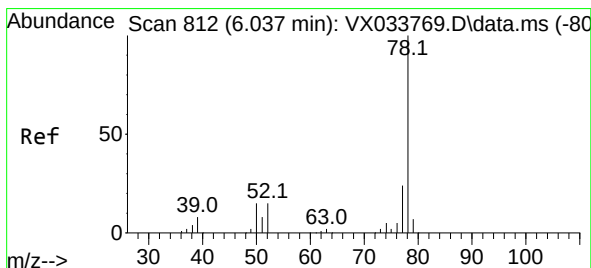
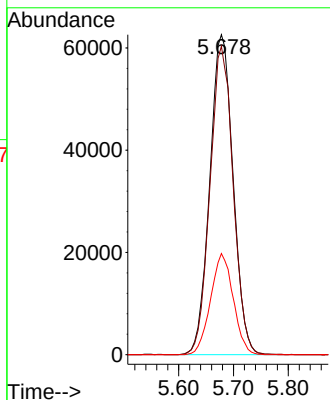
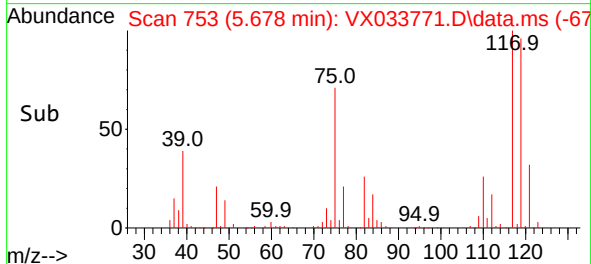
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



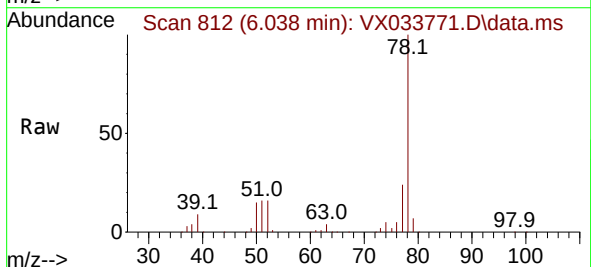
Tgt Ion:117 Resp: 18482
Ion Ratio Lower Upper
117 100
119 96.4 74.8 112.2
121 31.6 23.8 35.8

Manual Integrations
APPROVED

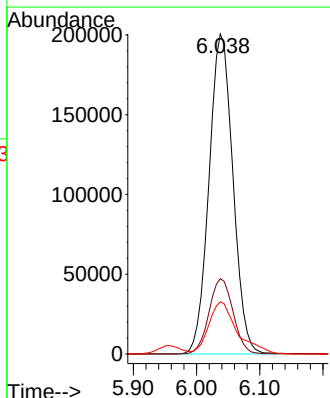
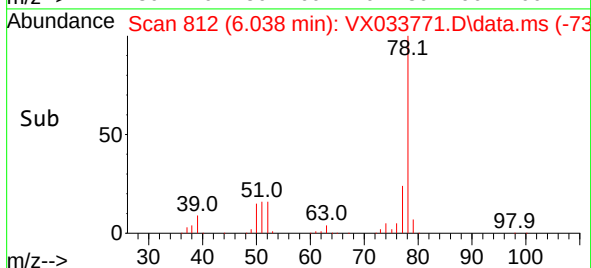
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

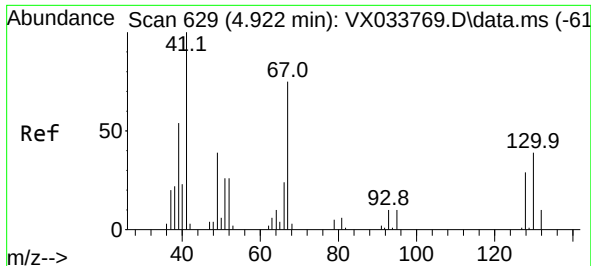


#34
Benzene
Concen: 76.003 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 78 Resp: 527217
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3
51 16.1 13.0 19.6





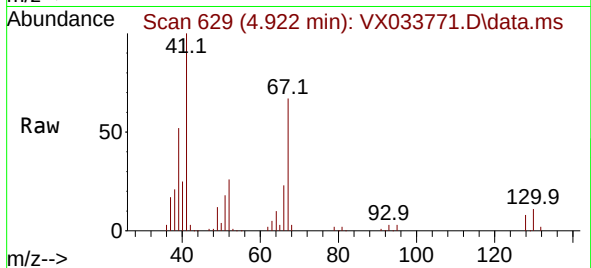
#35
Methacrylonitrile
Concen: 74.237 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



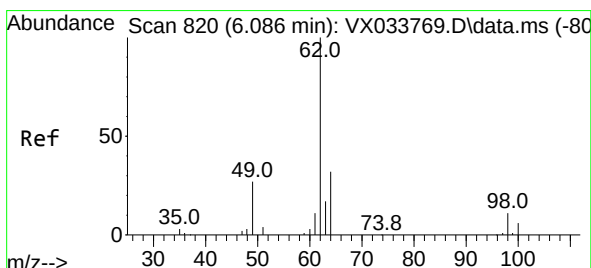
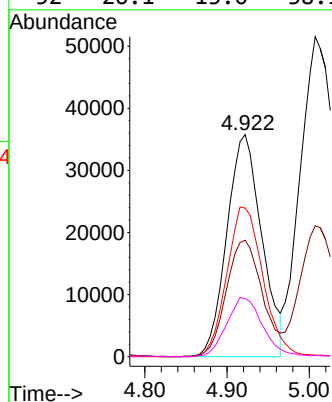
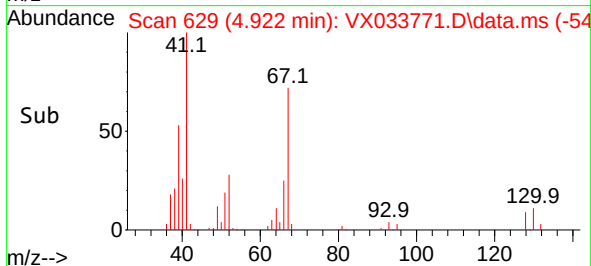
Tgt Ion: 41 Resp: 105480
Ion Ratio Lower Upper
41 100
39 52.4 28.6 85.9
67 66.9 34.8 104.3
52 26.1 13.0 38.9

Manual Integrations

APPROVED

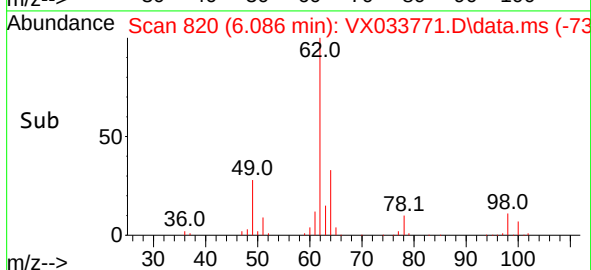
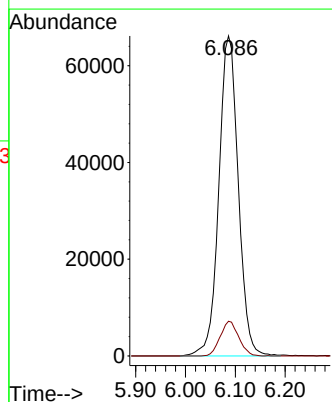
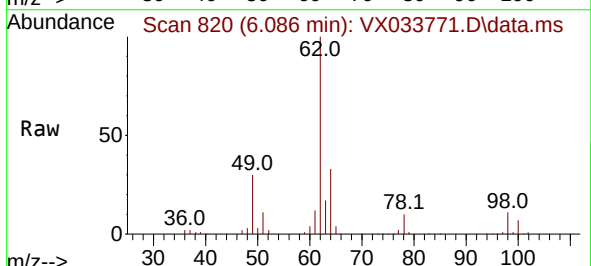
Reviewed By :John Carlone 01/19/2023

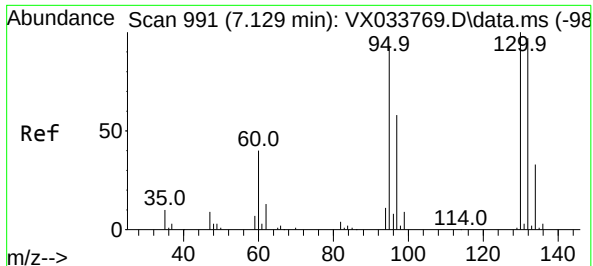
Supervised By :Mahesh Dadoda 01/19/2023



#36
1,2-Dichloroethane
Concen: 71.030 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

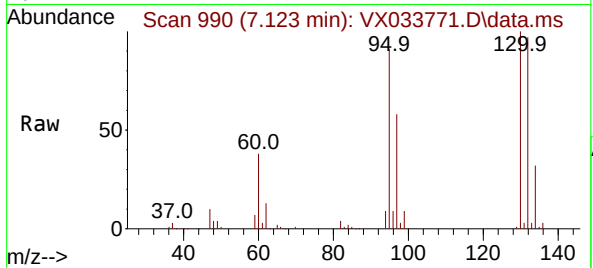
Tgt Ion: 62 Resp: 179115
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37
Trichloroethene
Concen: 75.462 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

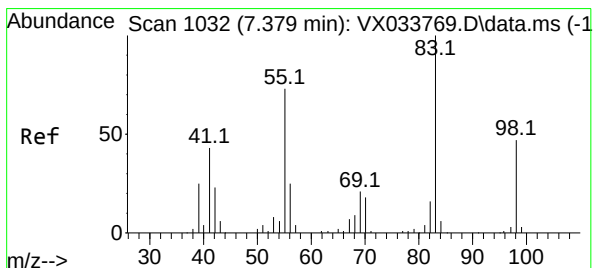
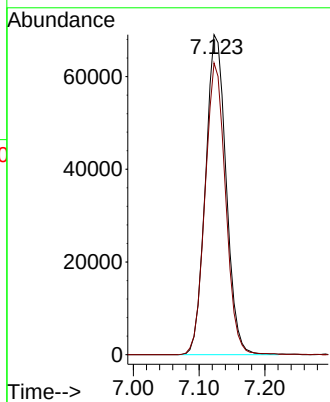
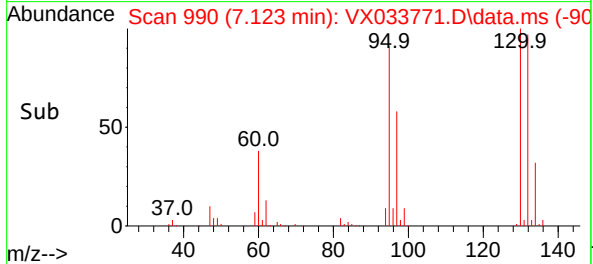
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 15096
Ion Ratio Lower Upper
130 100
95 91.2 73.1 109.7

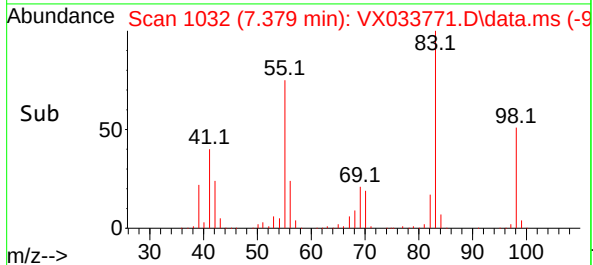
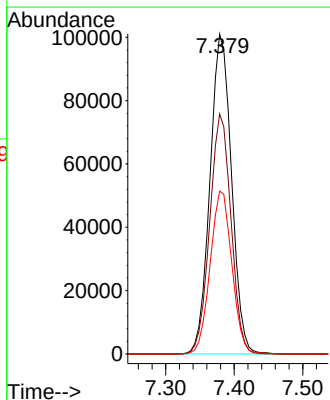
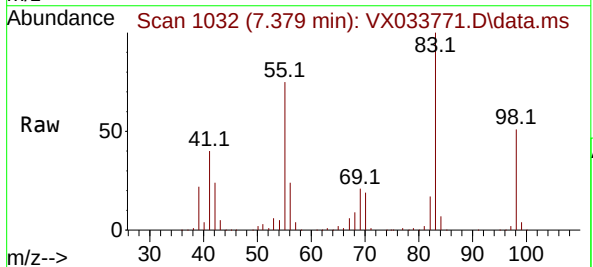
Manual Integrations
APPROVED

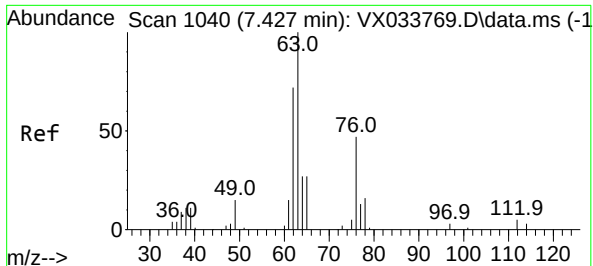
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#38
Methylcyclohexane
Concen: 74.218 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 83 Resp: 220362
Ion Ratio Lower Upper
83 100
55 74.0 38.6 115.7
98 51.3 25.3 75.8





#39

1,2-Dichloropropane

Concen: 74.185 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 131510

Ion Ratio Lower Upper

63 100

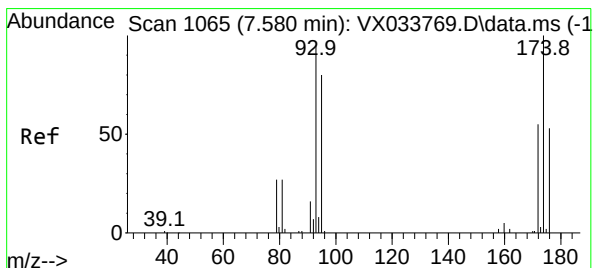
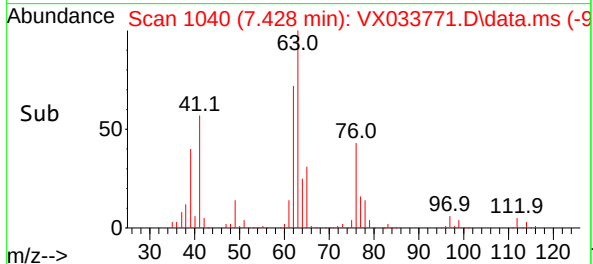
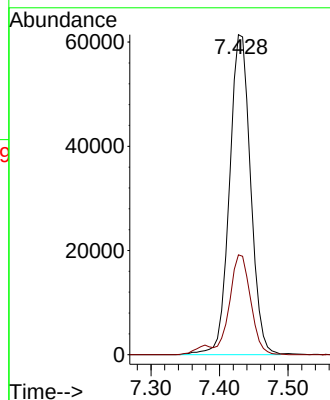
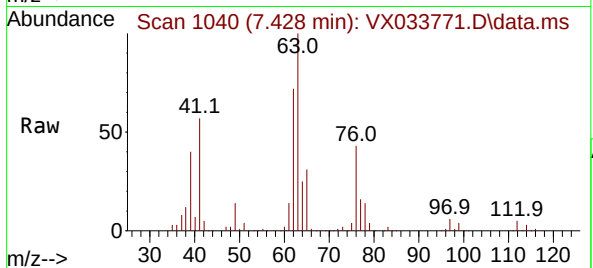
65 31.1 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 74.182 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

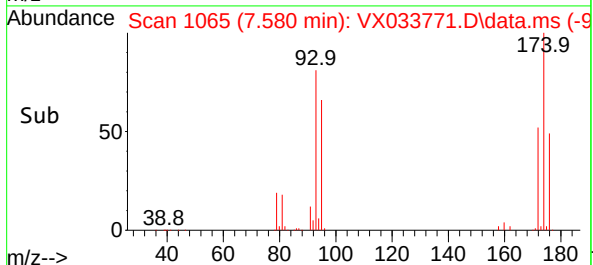
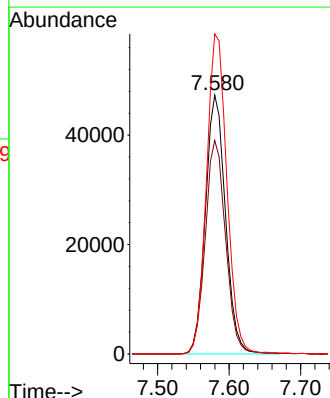
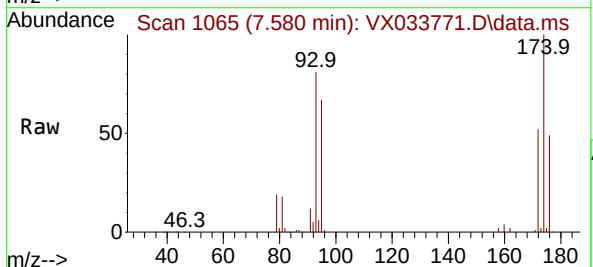
Tgt Ion: 93 Resp: 92422

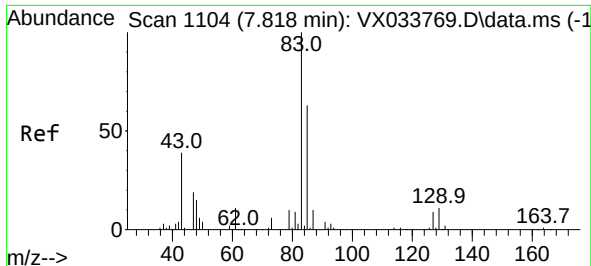
Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.4

174 125.1 0.0 233.8





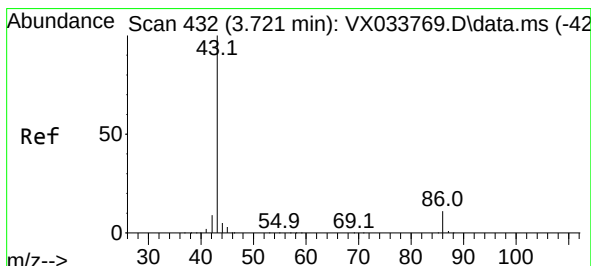
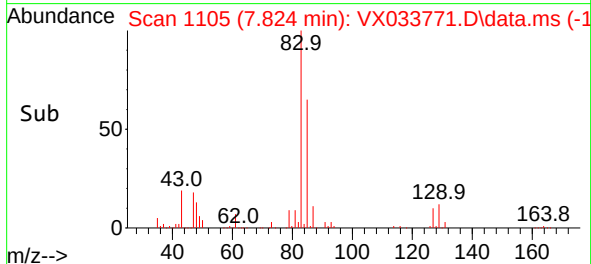
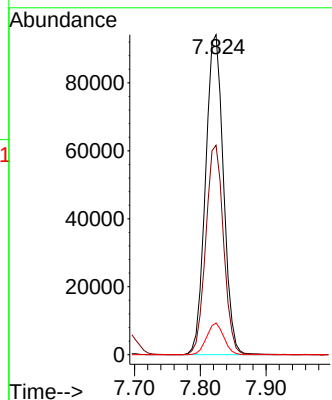
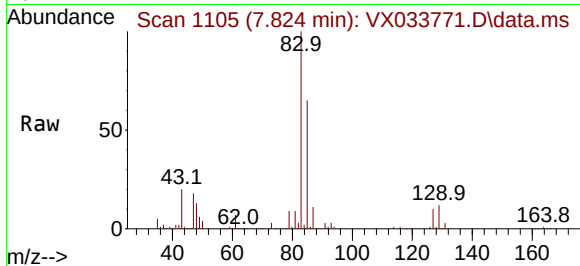
#41
Bromodichloromethane
Concen: 73.809 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 178362
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0
127 9.9 7.4 11.0

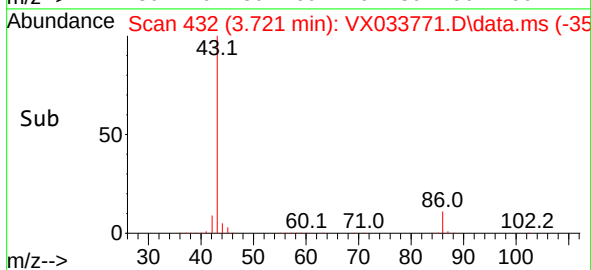
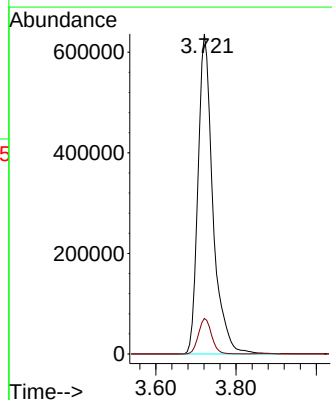
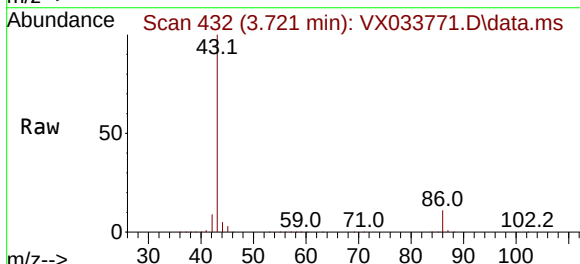
Manual Integrations
APPROVED

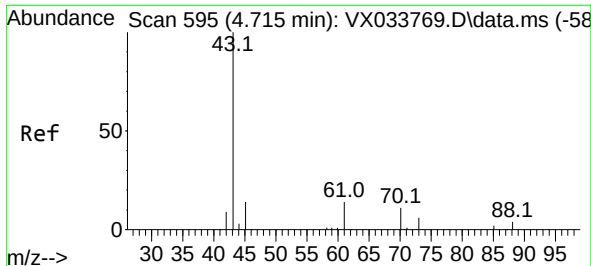
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 367.245 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

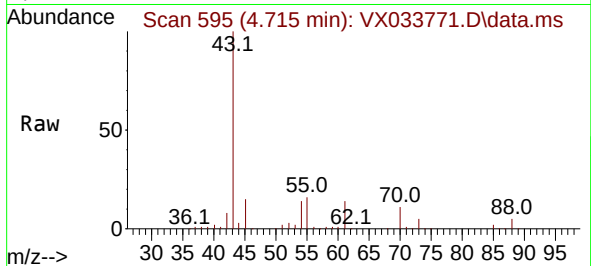
Tgt Ion: 43 Resp: 1636484
Ion Ratio Lower Upper
43 100
86 9.8 7.2 10.8





#43
Ethyl Acetate
Concen: 72.323 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

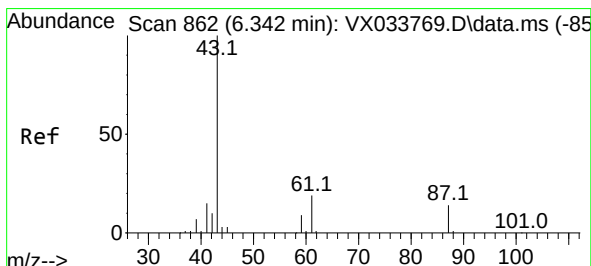
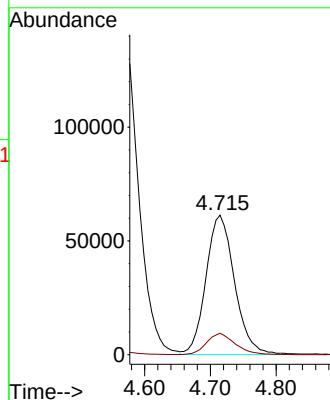
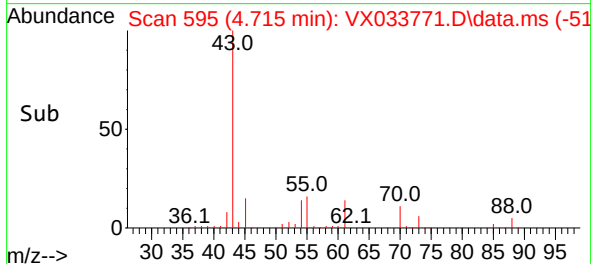
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



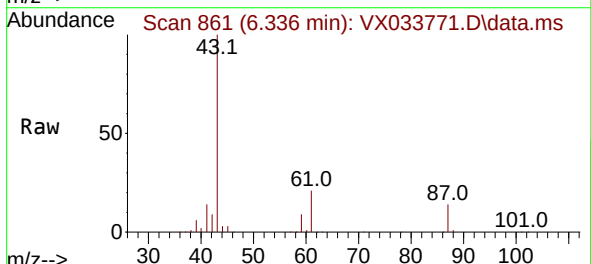
Tgt Ion: 43 Resp: 184790
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8

Manual Integrations
APPROVED

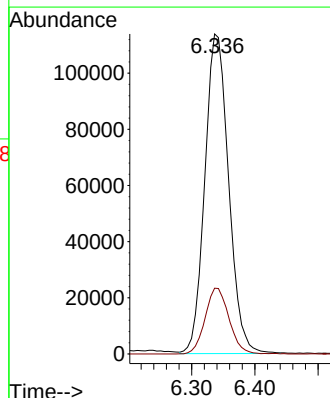
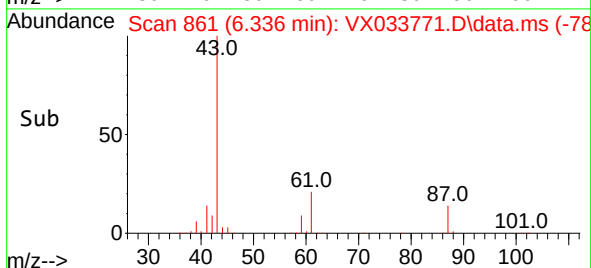
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

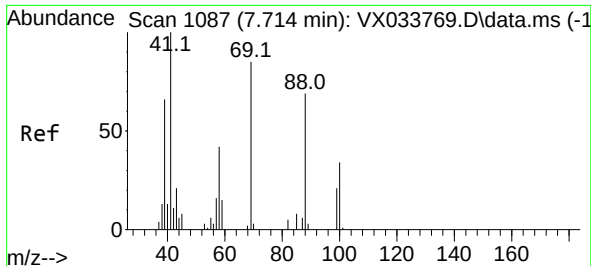


#44
Isopropyl Acetate
Concen: 74.354 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



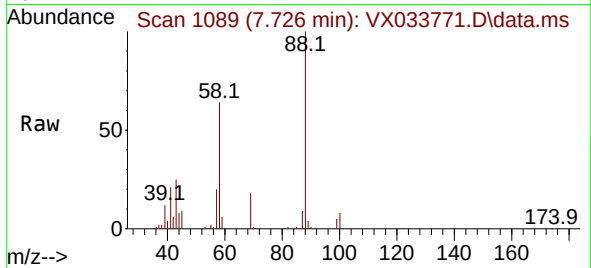
Tgt Ion: 43 Resp: 298057
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.2





#45
1,4-Dioxane
Concen: 1420.166 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

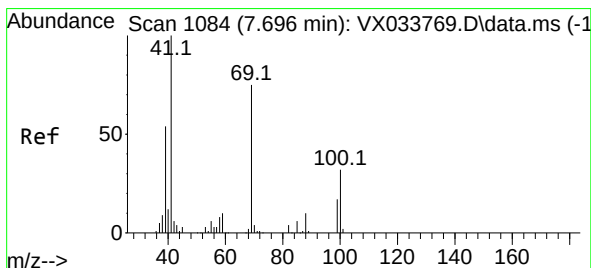
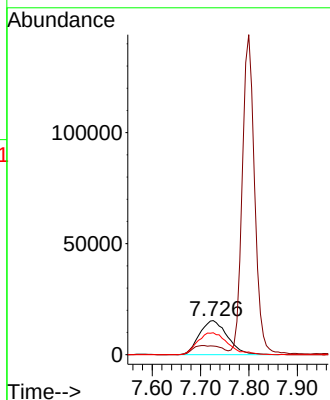
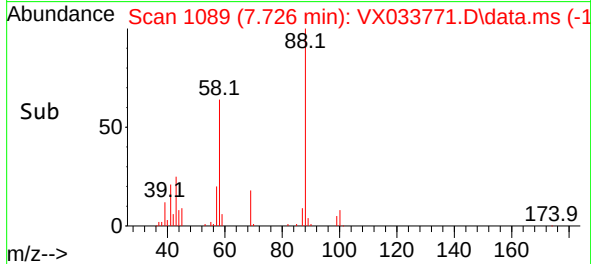
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 62108
Ion Ratio Lower Upper
88 100
43 14.5 1.2 1.8
58 69.0 8.5 12.7

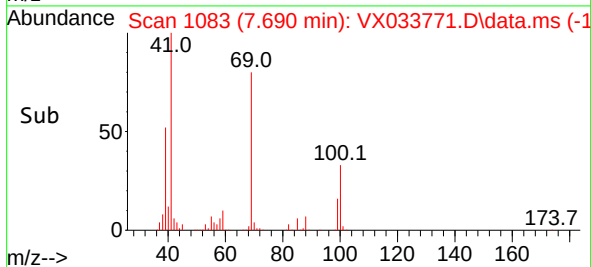
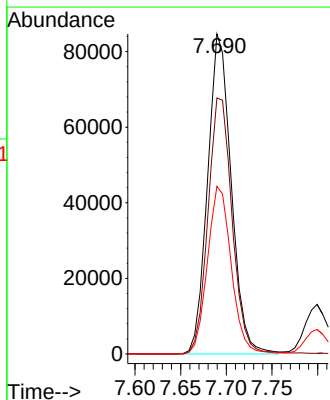
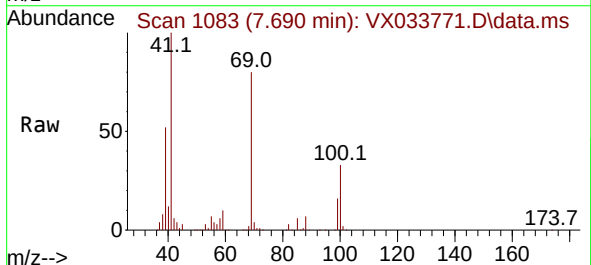
Manual Integrations
APPROVED

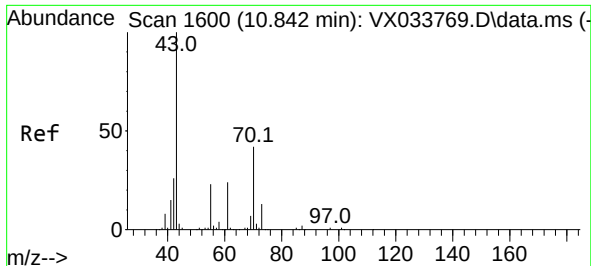
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#46
Methyl methacrylate
Concen: 74.986 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

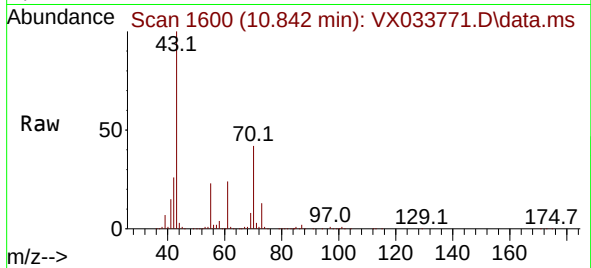
Tgt Ion: 41 Resp: 152190
Ion Ratio Lower Upper
41 100
69 80.0 39.1 117.3
39 52.4 27.7 83.0





#47
n-amyl acetate
Concen: 77.565 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

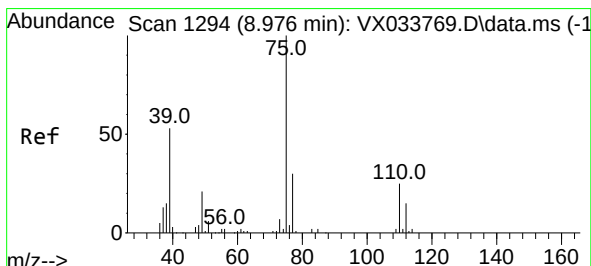
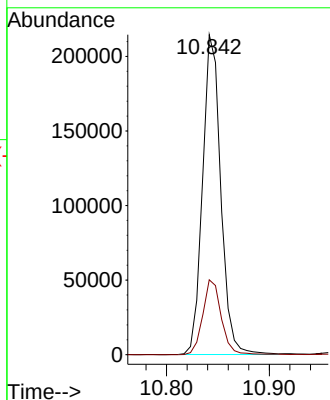
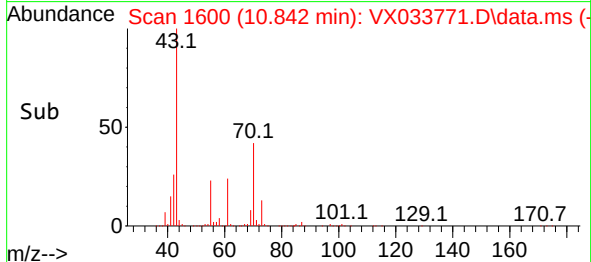
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 264724
Ion Ratio Lower Upper
43 100
55 23.9 19.3 28.9

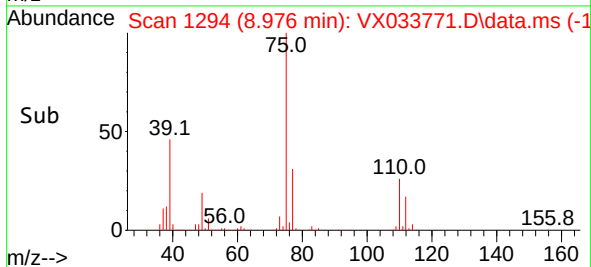
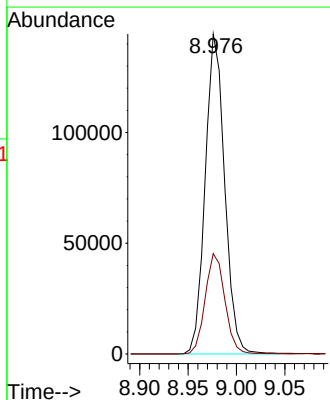
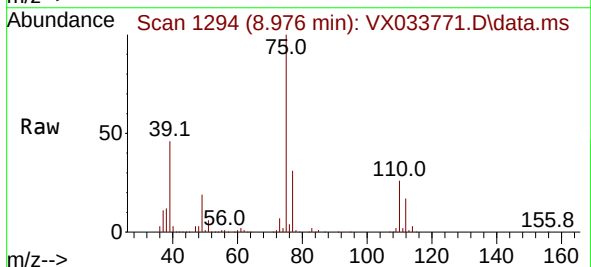
Manual Integrations
APPROVED

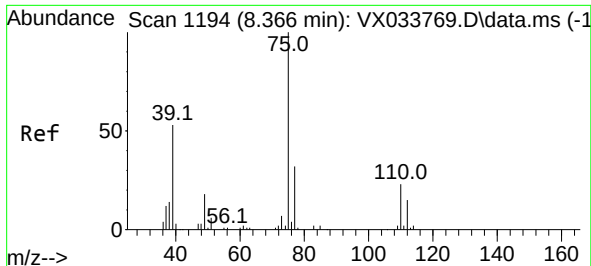
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 82.014 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 75 Resp: 202509
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 81.038 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 222240

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

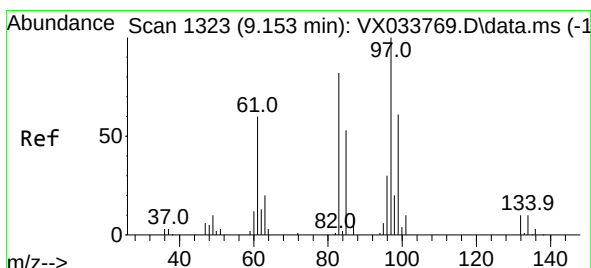
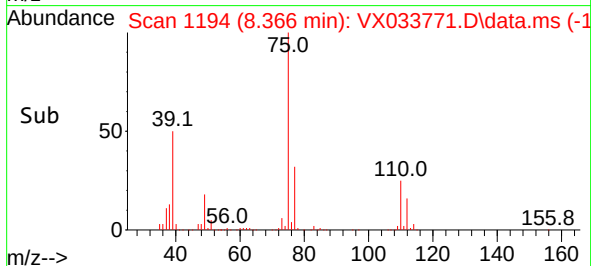
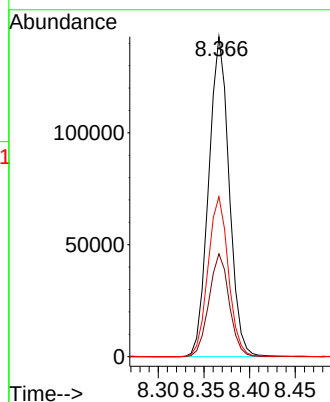
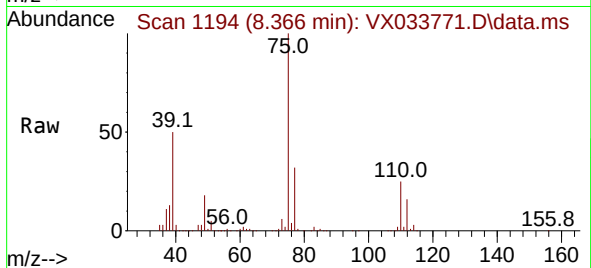
39 50.0 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 77.278 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Tgt Ion: 97 Resp: 139757

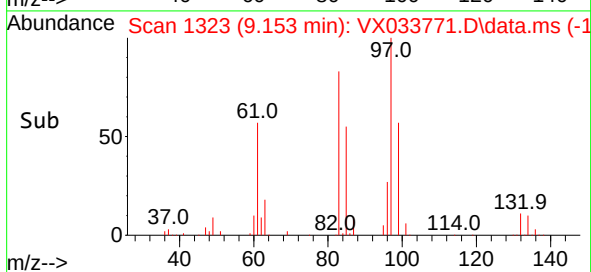
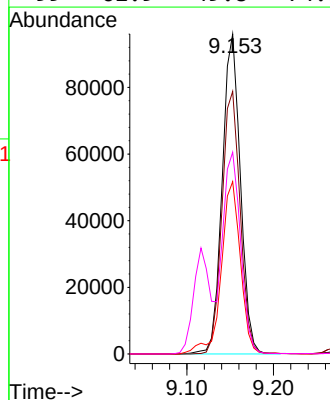
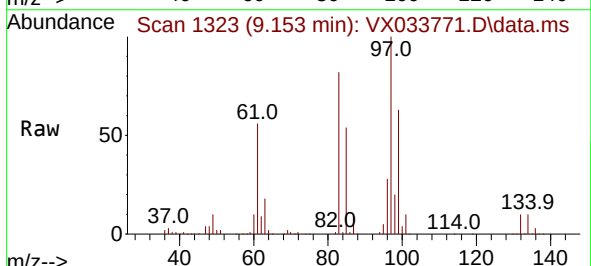
Ion Ratio Lower Upper

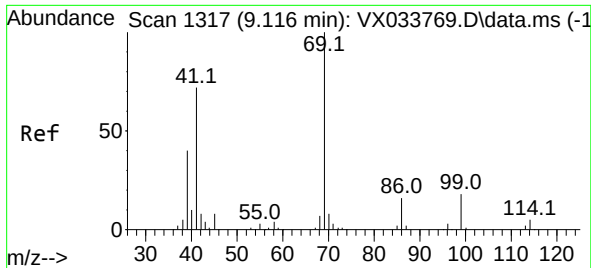
97 100

83 82.1 63.0 94.4

85 53.8 42.8 64.2

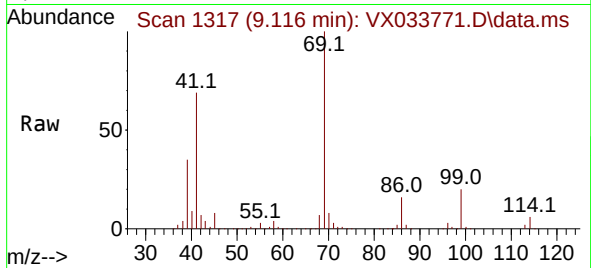
99 62.9 49.8 74.8





#51
Ethyl methacrylate
Concen: 80.097 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

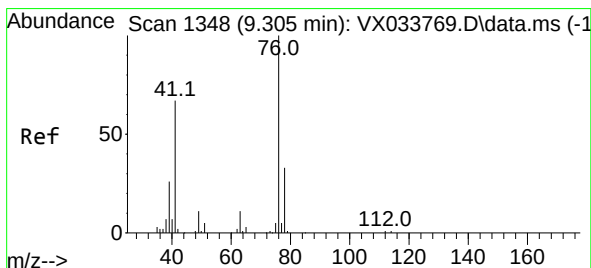
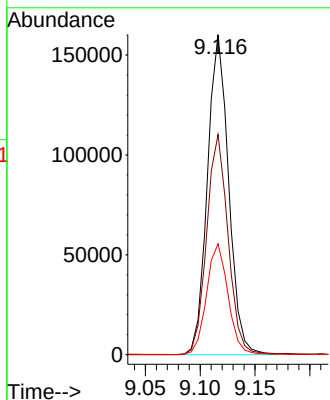
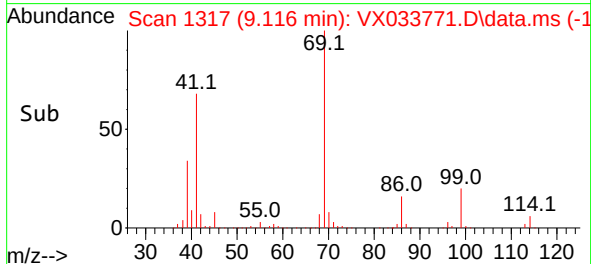
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



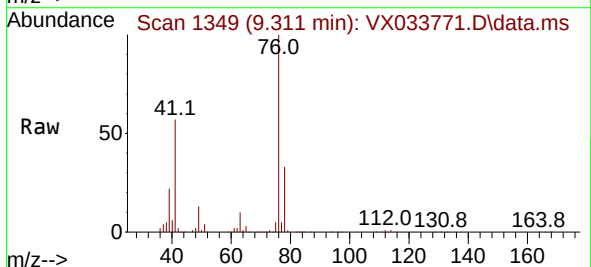
Tgt Ion: 69 Resp: 216008
Ion Ratio Lower Upper
69 100
41 68.7 34.3 102.9
39 34.5 18.3 54.9

Manual Integrations
APPROVED

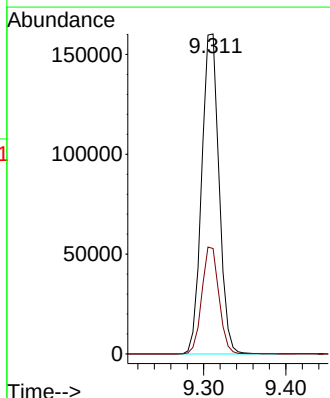
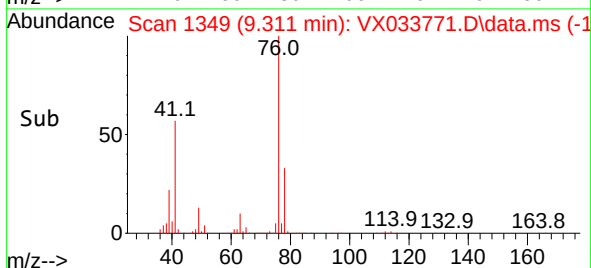
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

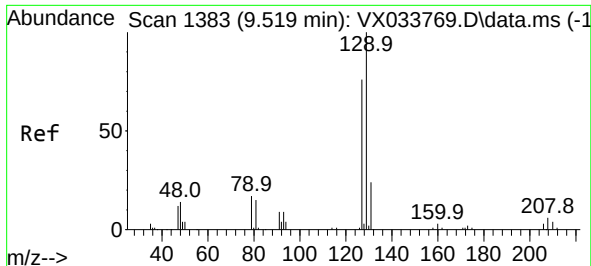


#52
1,3-Dichloropropane
Concen: 77.642 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 76 Resp: 235182
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.6





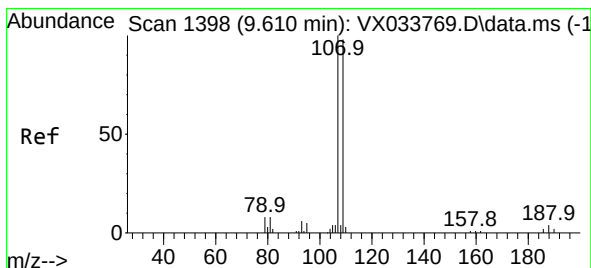
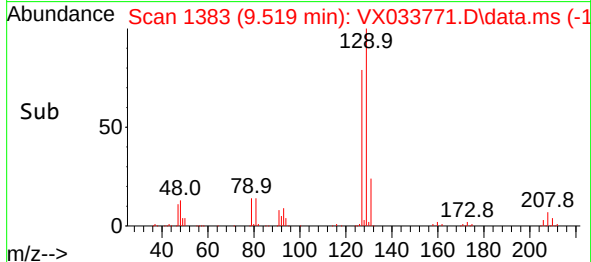
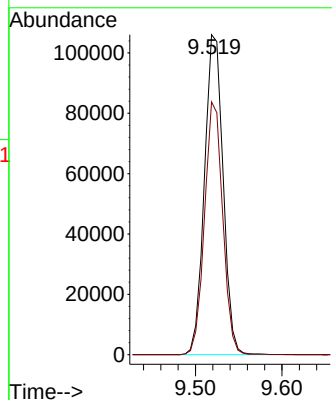
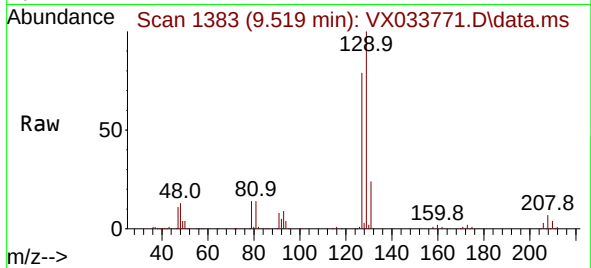
#53
Dibromochloromethane
Concen: 80.469 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 158619
Ion Ratio Lower Upper
129 100
127 77.1 39.8 119.4

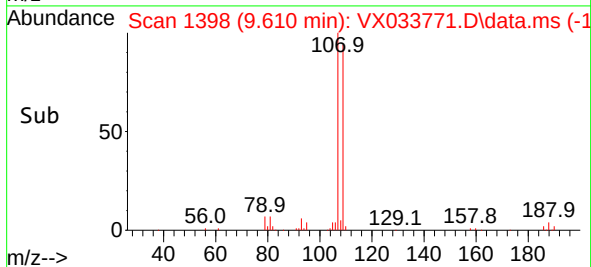
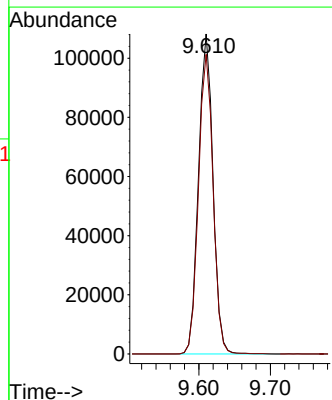
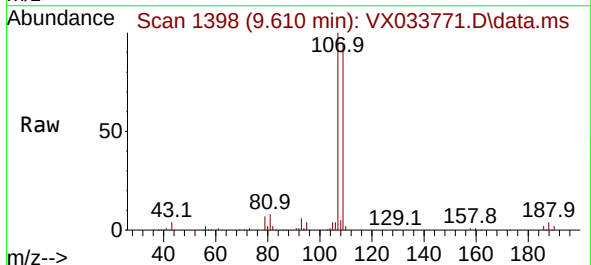
Manual Integrations
APPROVED

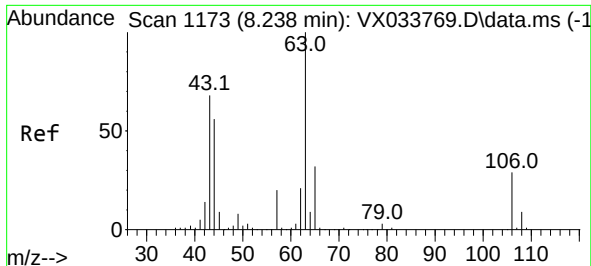
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 78.729 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

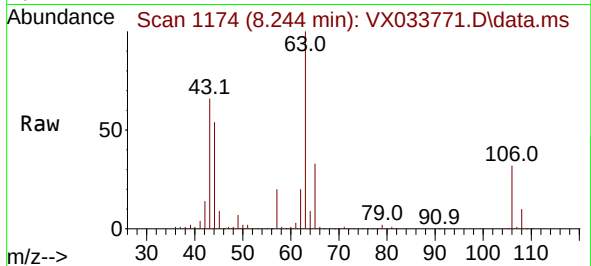
Tgt Ion:107 Resp: 152166
Ion Ratio Lower Upper
107 100
109 94.4 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 405.342 ug/l
RT: 8.244 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

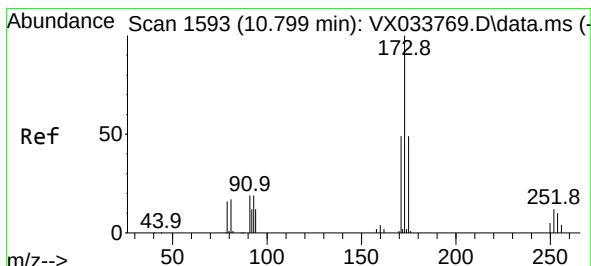
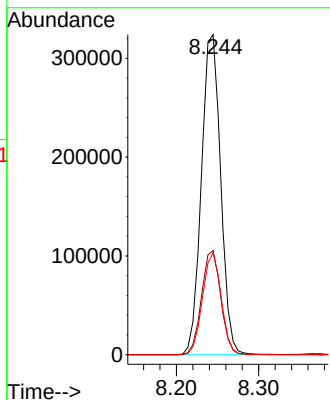
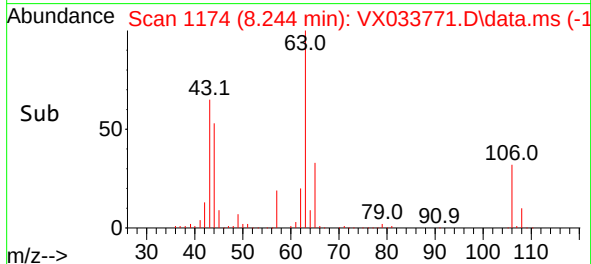
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 52845
Ion Ratio Lower Upper
63 100
65 32.4 26.2 39.4
106 30.9 24.0 36.0

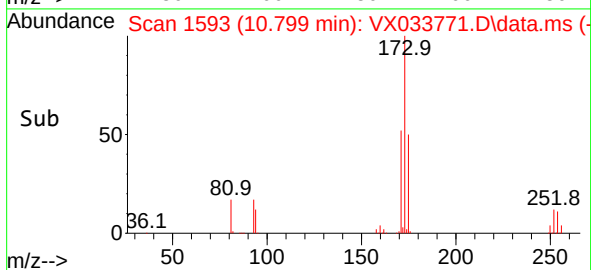
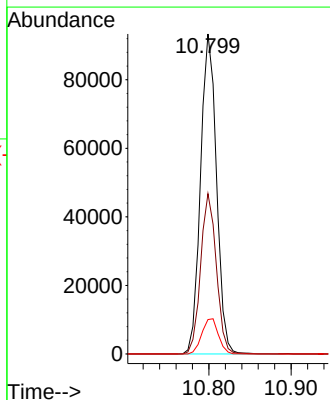
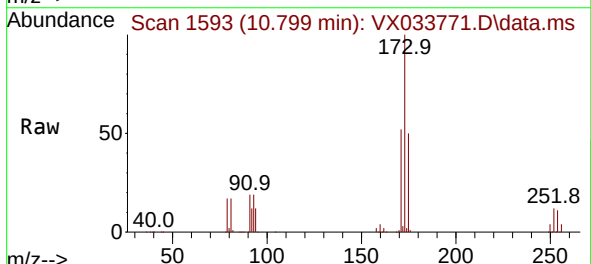
Manual Integrations
APPROVED

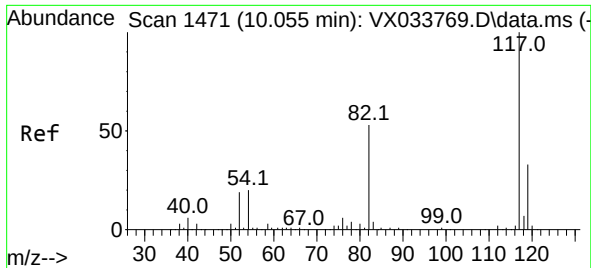
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#56
Bromoform
Concen: 83.111 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

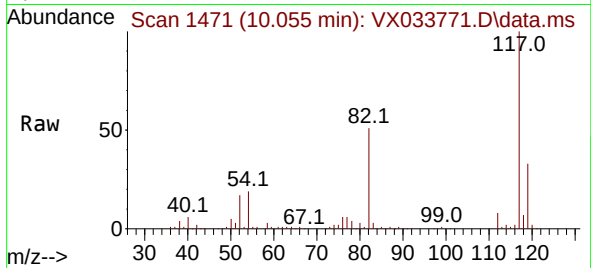
Tgt Ion:173 Resp: 125784
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.4
254 11.4 8.6 13.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

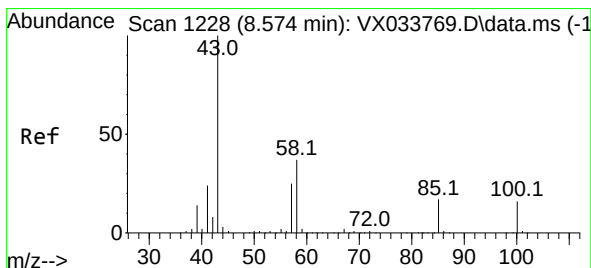
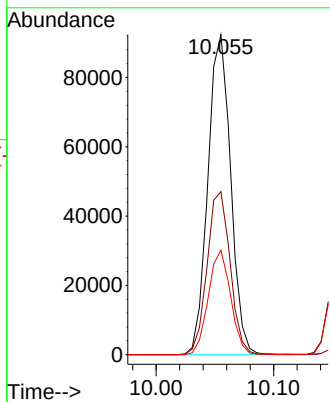
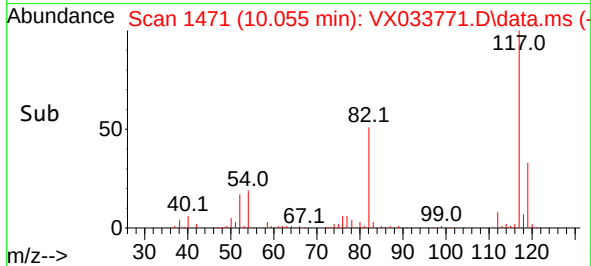
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 12445
Ion Ratio Lower Upper
117 100
82 51.6 41.9 62.9
119 32.0 25.6 38.4

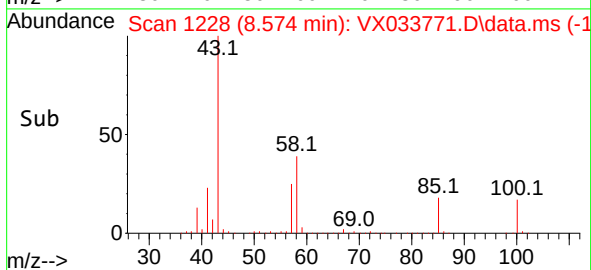
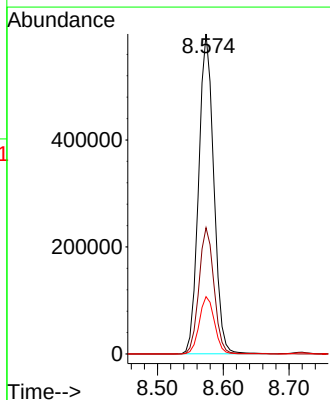
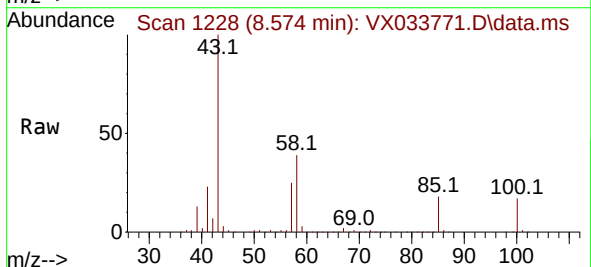
Manual Integrations
APPROVED

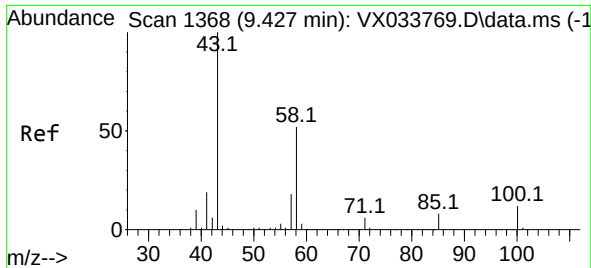
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#58
4-Methyl-2-Pentanone
Concen: 386.763 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 43 Resp: 956181
Ion Ratio Lower Upper
43 100
58 39.1 30.2 45.4
85 18.0 13.8 20.8





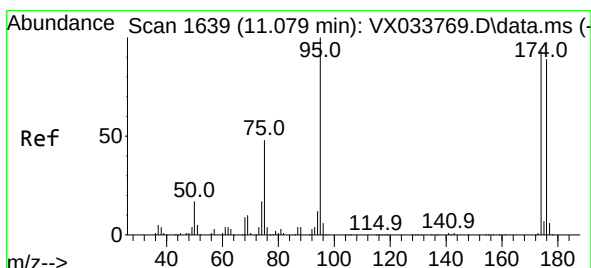
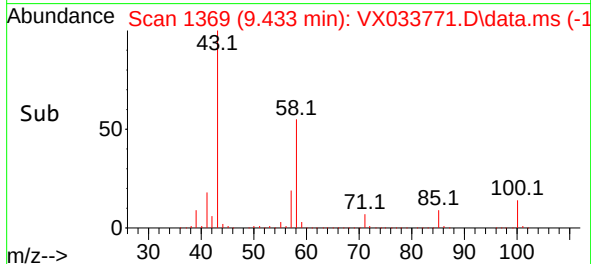
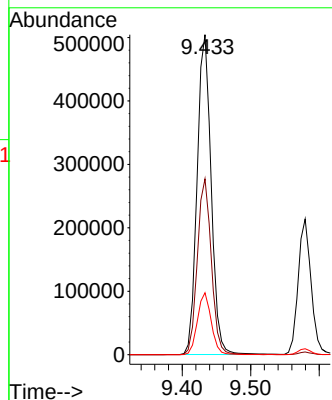
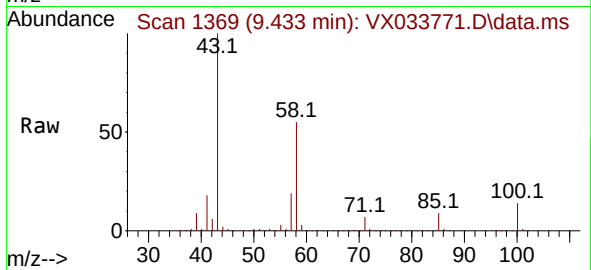
#59
2-Hexanone
Concen: 395.687 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 71994
Ion Ratio Lower Upper
43 100
58 54.7 42.9 64.3
57 19.0 15.0 22.6

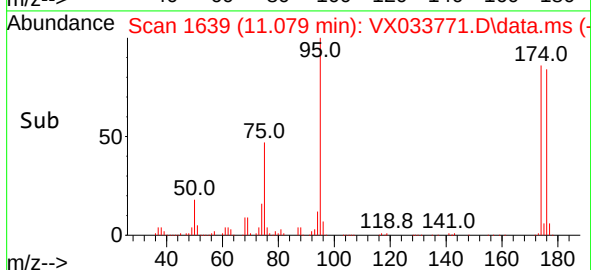
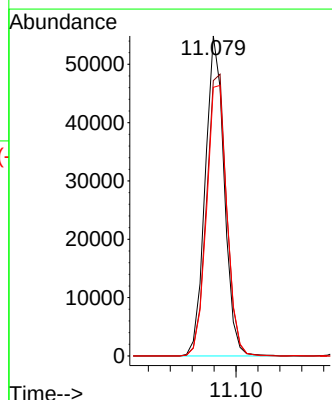
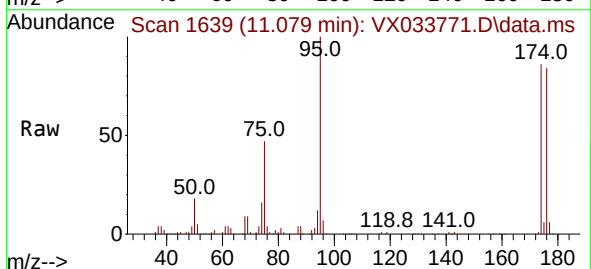
Manual Integrations
APPROVED

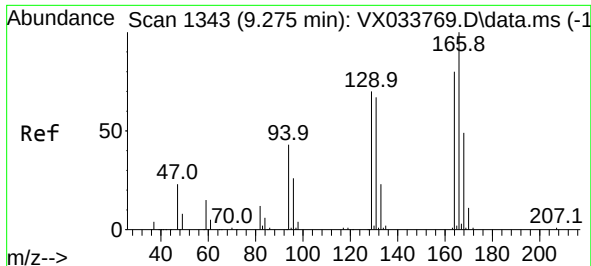
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 29.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

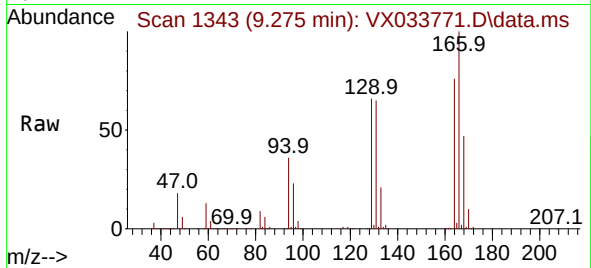
Tgt Ion: 95 Resp: 66003
Ion Ratio Lower Upper
95 100
174 93.3 73.7 110.5
176 90.6 71.0 106.4





#61
Tetrachloroethene
Concen: 76.790 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

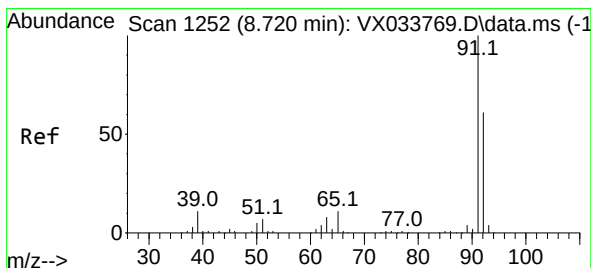
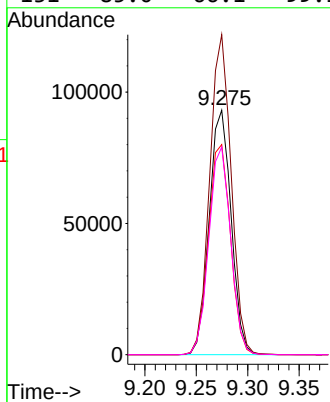
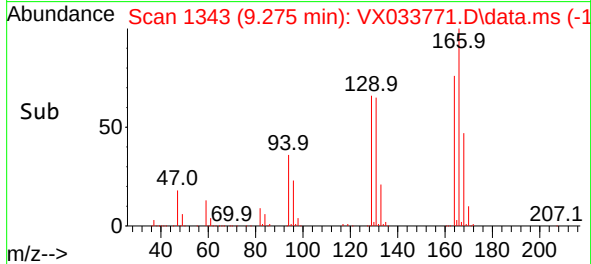
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 13789
Ion Ratio Lower Upper
164 100
166 130.9 100.2 150.4
129 86.0 68.8 103.2
131 85.0 66.1 99.1

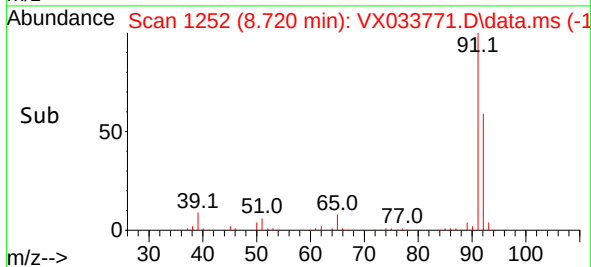
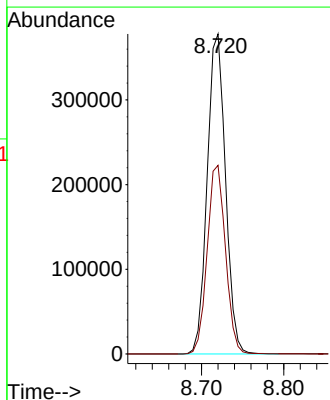
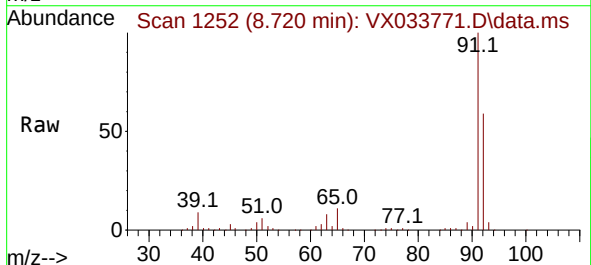
Manual Integrations
APPROVED

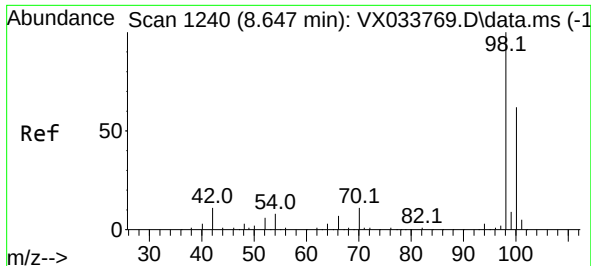
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 74.518 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

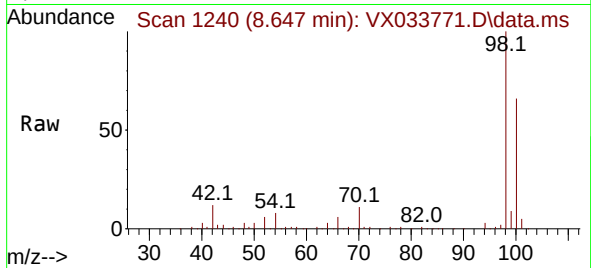
Tgt Ion: 91 Resp: 583809
Ion Ratio Lower Upper
91 100
92 59.0 45.8 68.8





#63
Toluene-d8
Concen: 29.688 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

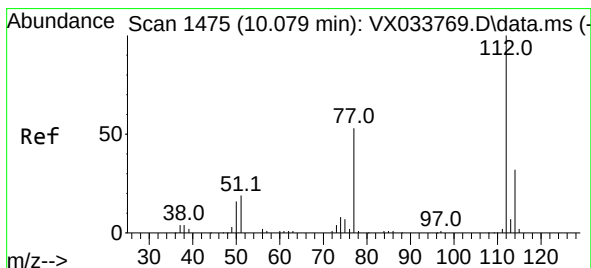
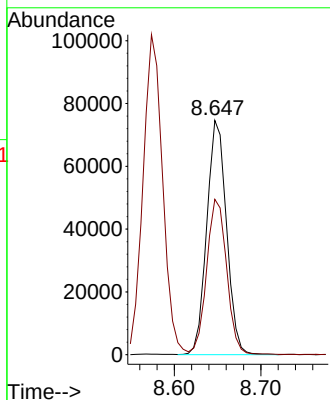
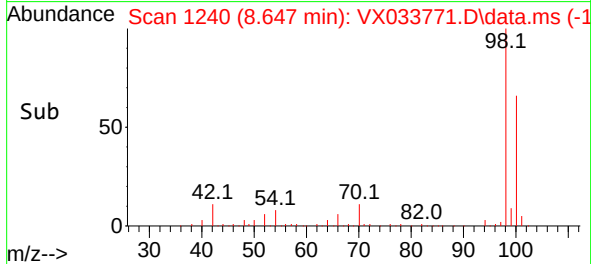
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



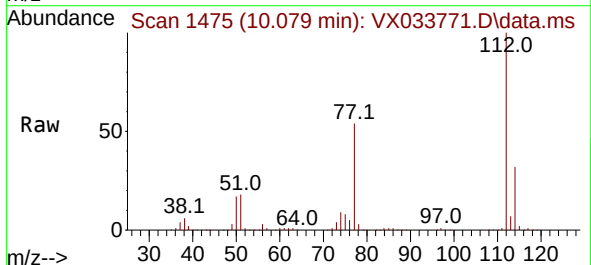
Tgt Ion: 98 Resp: 118249
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

Manual Integrations
APPROVED

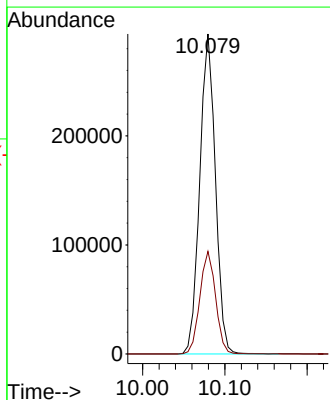
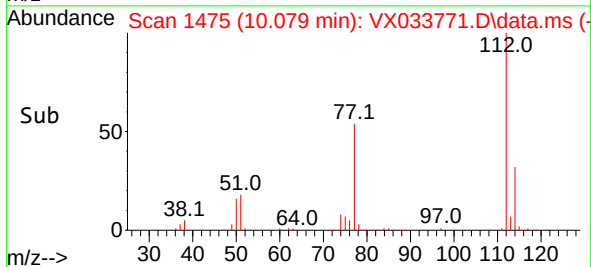
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

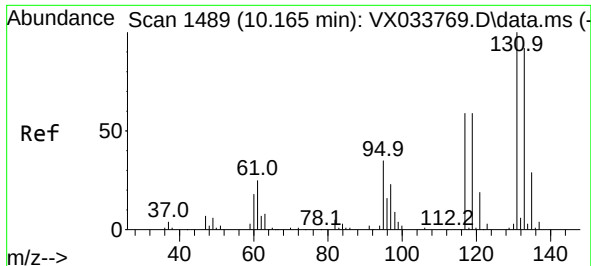


#64
Chlorobenzene
Concen: 76.839 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



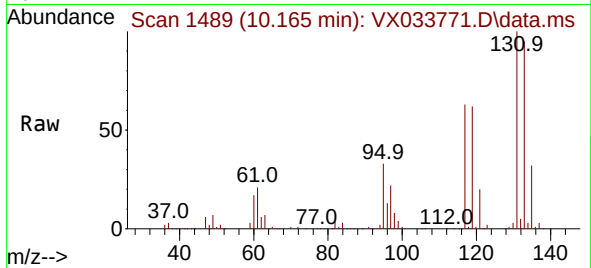
Tgt Ion:112 Resp: 387725
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 78.525 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

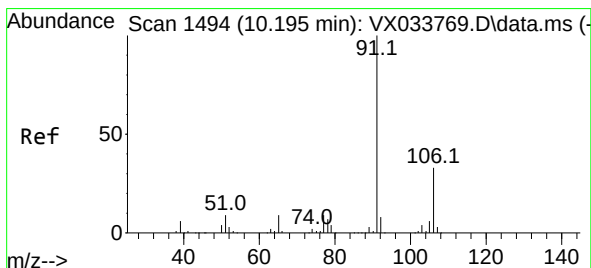
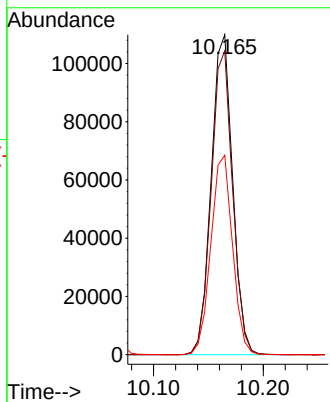
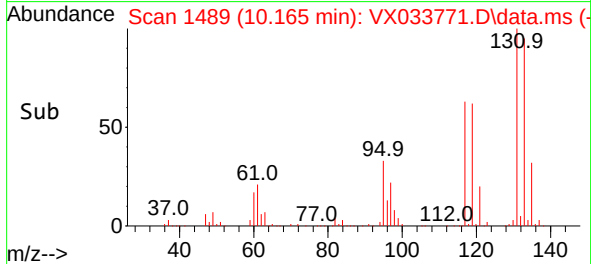
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 149129
Ion Ratio Lower Upper
131 100
133 94.9 0.0 187.6
119 63.2 0.0 124.0

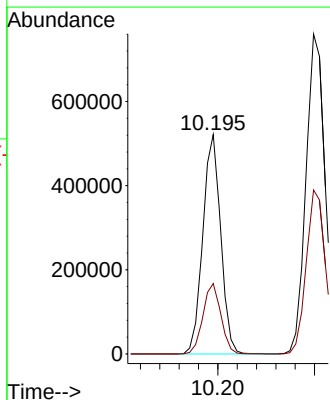
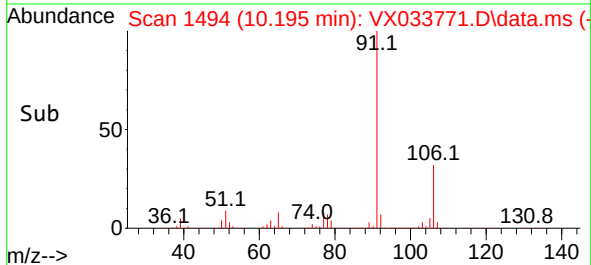
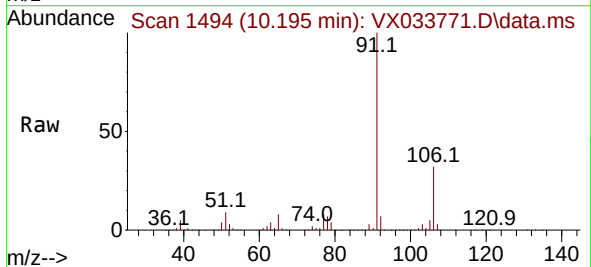
Manual Integrations
APPROVED

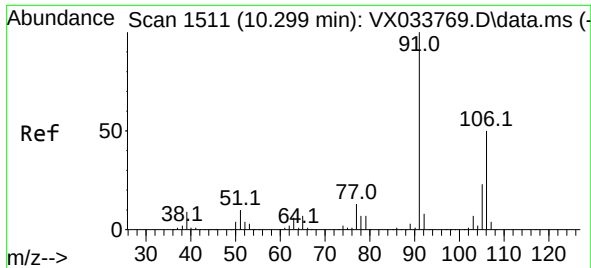
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 76.774 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 91 Resp: 670763
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8





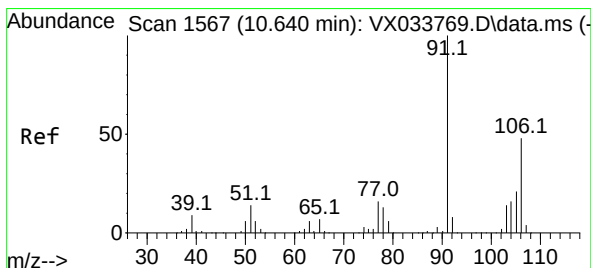
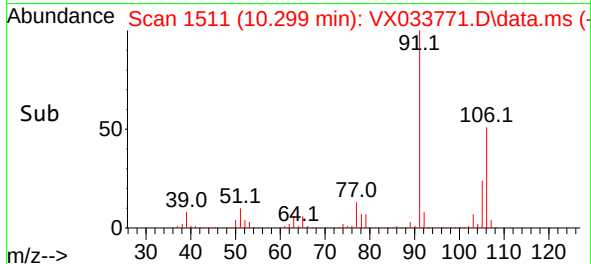
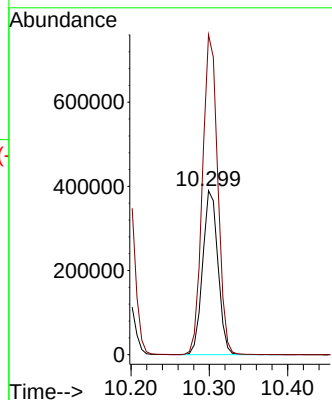
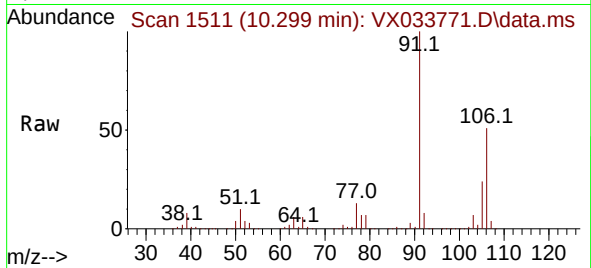
#67
m/p-Xylenes
Concen: 153.068 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 52782
Ion Ratio Lower Upper
106 100
91 195.1 157.3 235.9

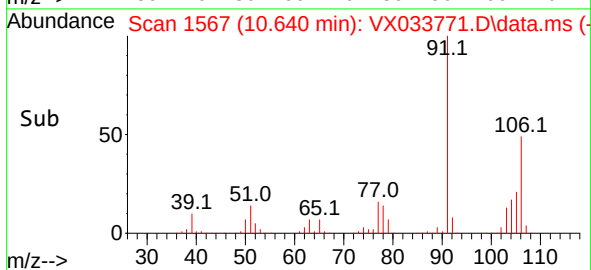
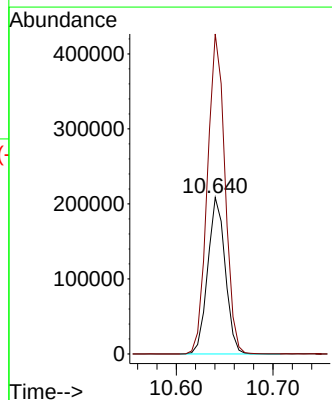
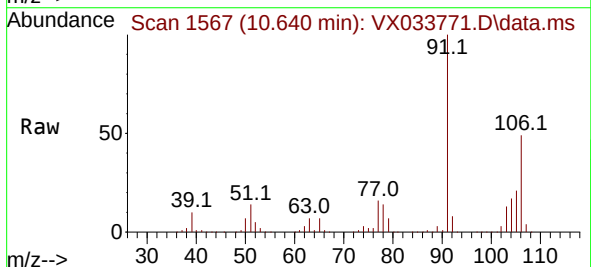
Manual Integrations
APPROVED

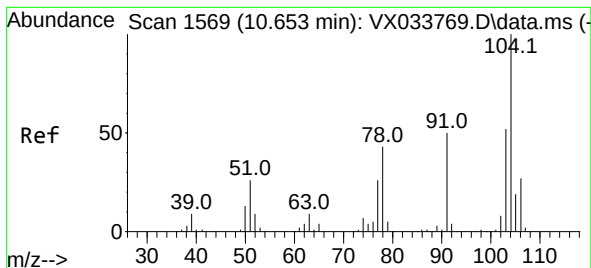
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 77.405 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion:106 Resp: 262349
Ion Ratio Lower Upper
106 100
91 205.9 104.6 313.8





#69

Styrene

Concen: 77.510 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 434798

Ion Ratio Lower Upper

104 100

78 47.8 39.3 58.9

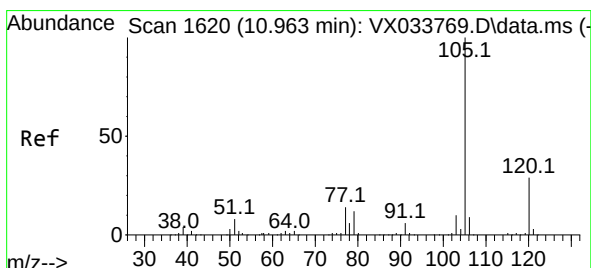
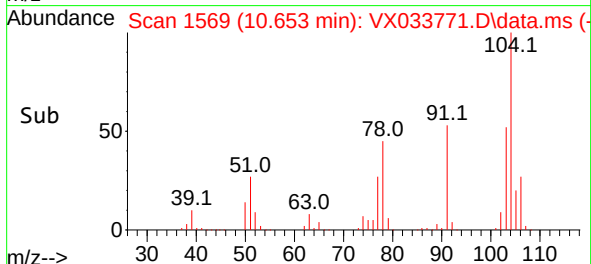
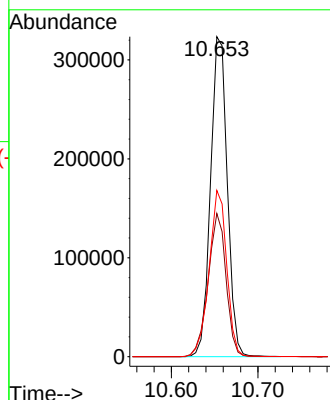
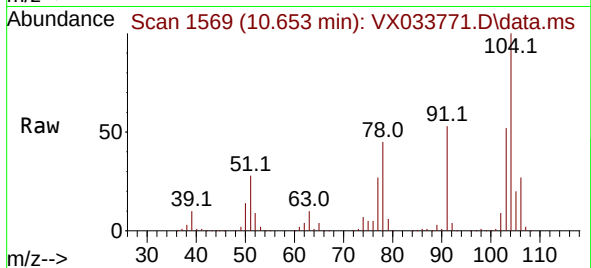
103 54.8 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#70

Isopropylbenzene

Concen: 75.871 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX033771.D

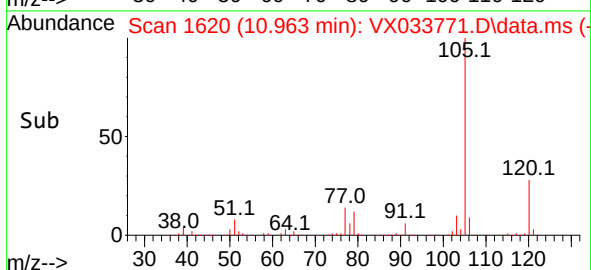
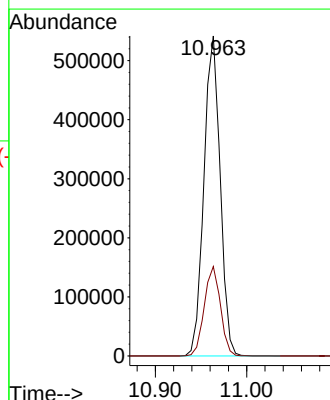
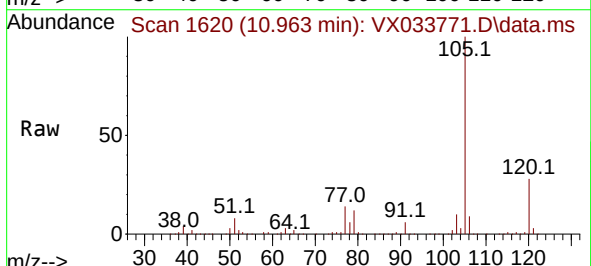
Acq: 18 Jan 2023 13:47

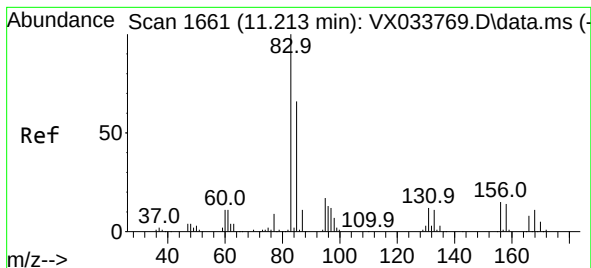
Tgt Ion:105 Resp: 665965

Ion Ratio Lower Upper

105 100

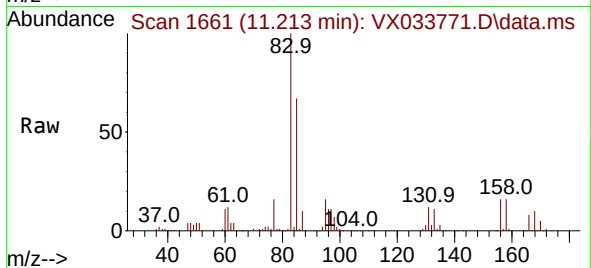
120 27.8 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 75.431 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

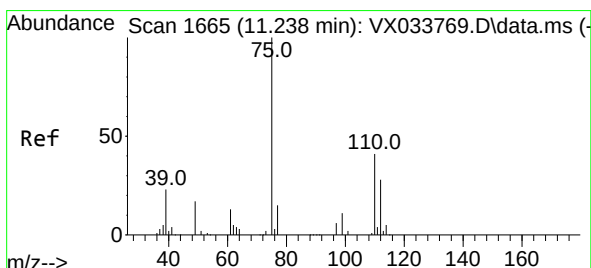
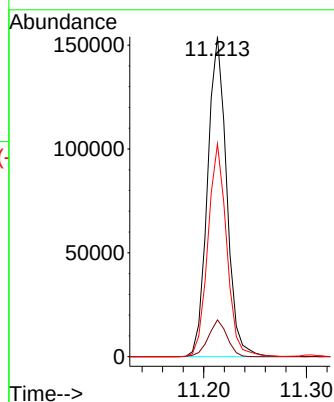
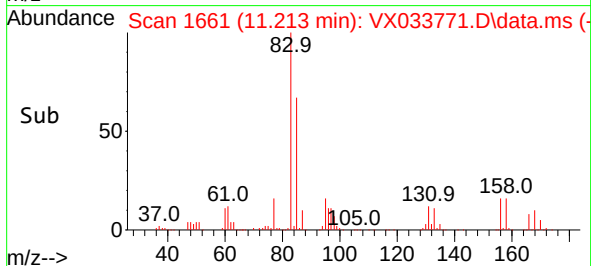
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



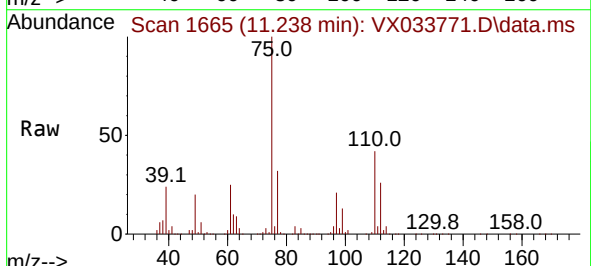
Tgt Ion: 83 Resp: 199359
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 65.2 32.4 97.0

Manual Integrations
APPROVED

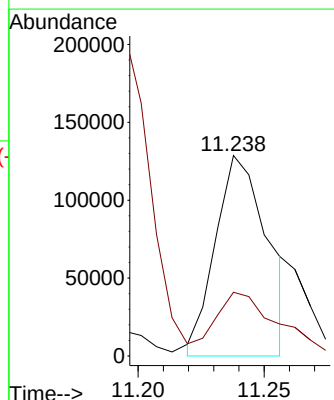
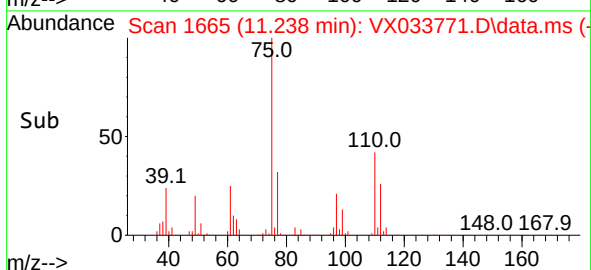
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

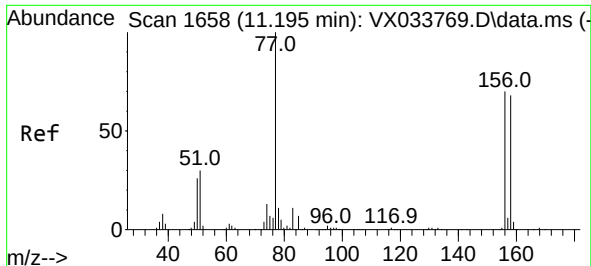


#72
1,2,3-Trichloropropane
Concen: 76.586 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



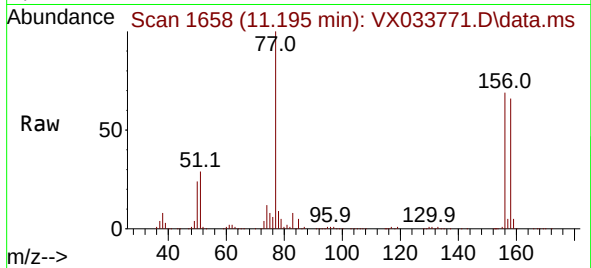
Tgt Ion: 75 Resp: 183369
Ion Ratio Lower Upper
75 100
77 38.8 0.0 74.6





#73
Bromobenzene
Concen: 77.384 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

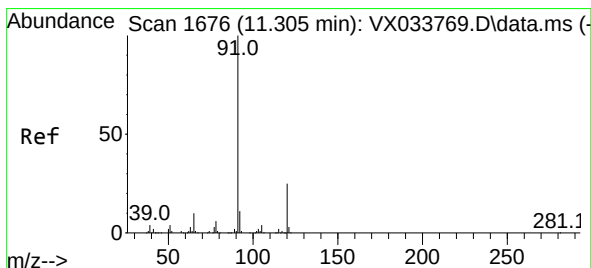
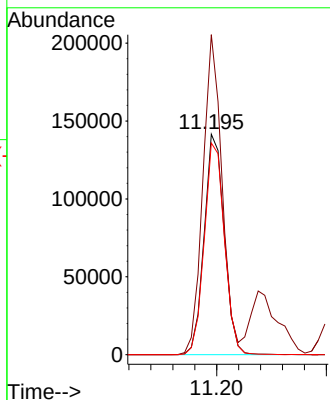
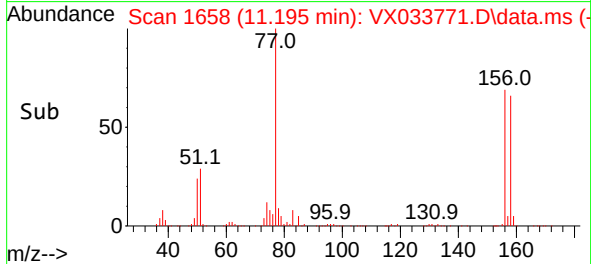
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



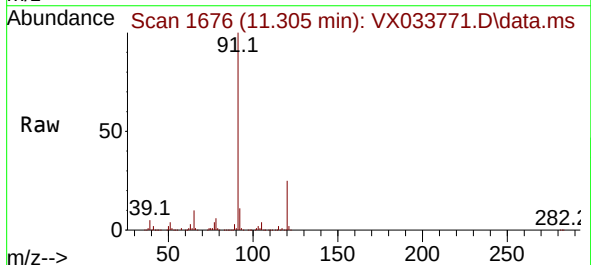
Tgt Ion:156 Resp: 17976
Ion Ratio Lower Upper
156 100
77 137.5 0.0 287.2
158 96.9 0.0 196.2

Manual Integrations
APPROVED

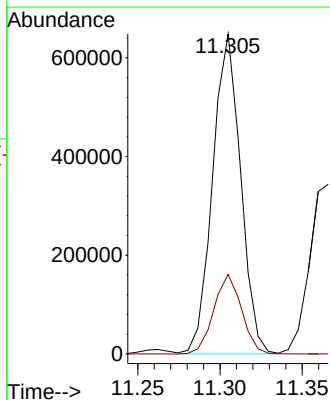
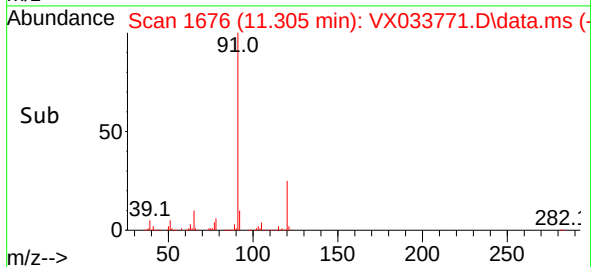
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

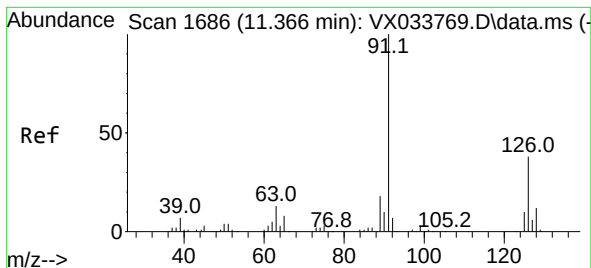


#74
n-propylbenzene
Concen: 77.059 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 91 Resp: 767941
Ion Ratio Lower Upper
91 100
120 24.6 0.0 48.8





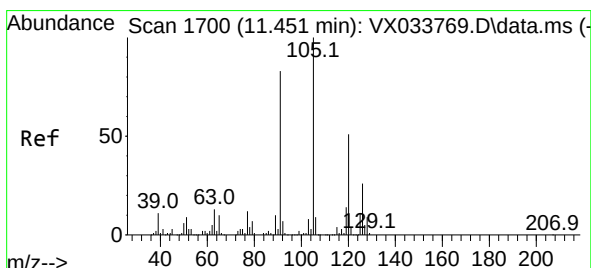
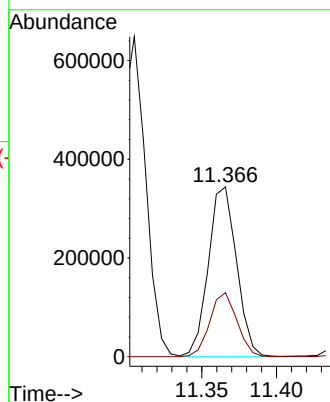
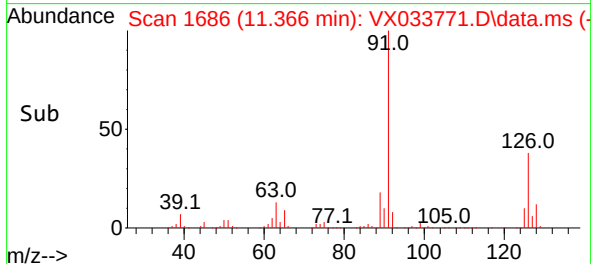
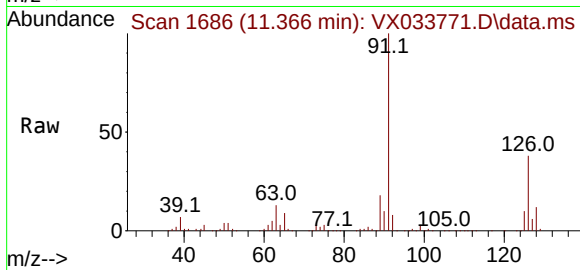
#75
2-Chlorotoluene
Concen: 75.774 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 451660
Ion Ratio Lower Upper
91 100
126 36.1 0.0 72.0

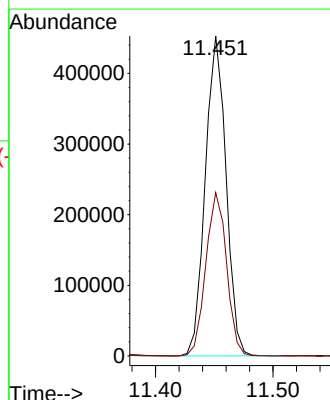
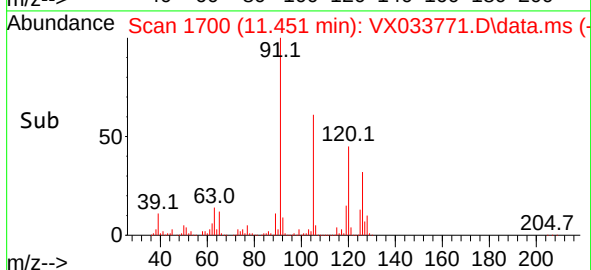
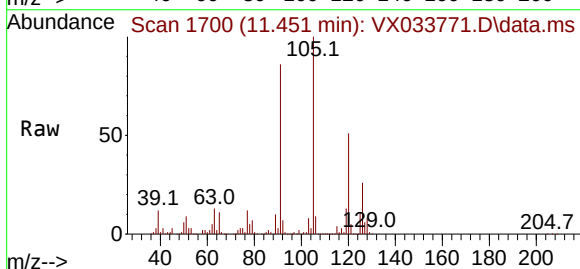
Manual Integrations
APPROVED

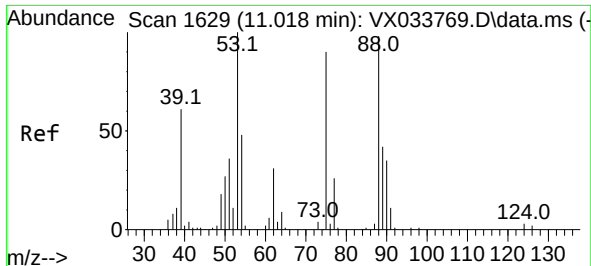
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 76.192 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion:105 Resp: 555257
Ion Ratio Lower Upper
105 100
120 51.2 0.0 100.4





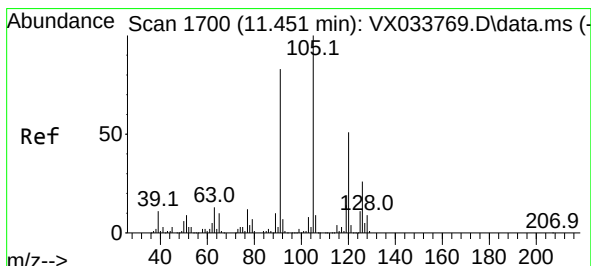
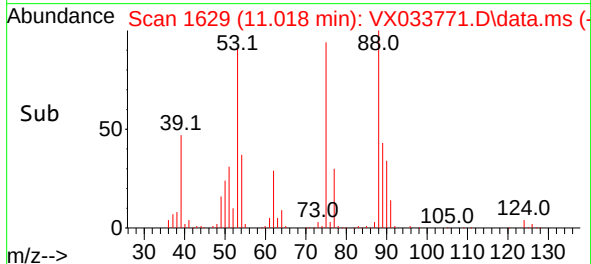
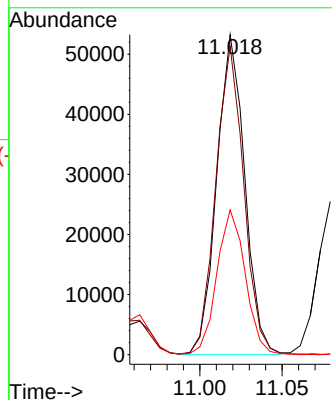
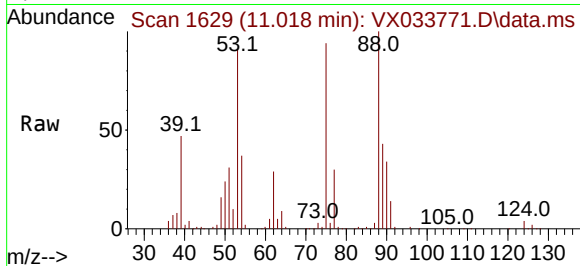
#77
t-1,4-Dichloro-2-butene
Concen: 87.952 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 6300
Ion Ratio Lower Upper
75 100
53 96.3 60.2 180.6
89 45.1 23.2 69.6

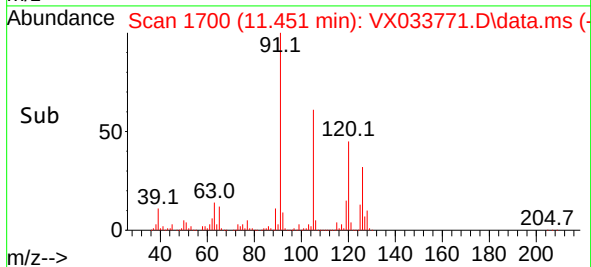
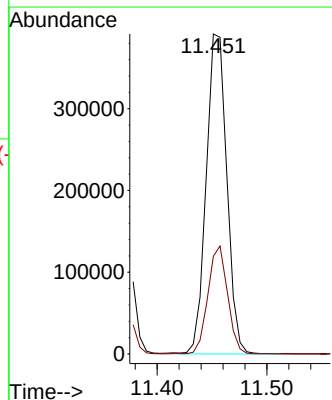
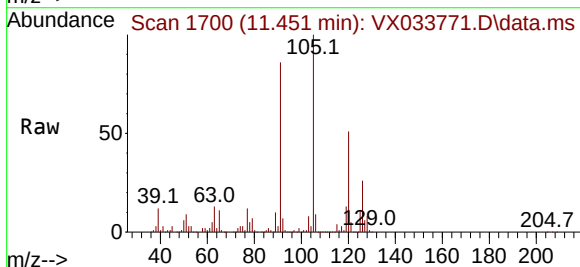
Manual Integrations
APPROVED

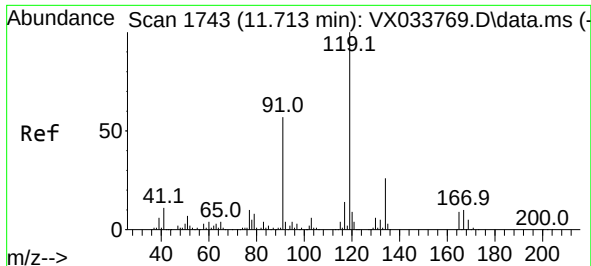
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 76.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Tgt Ion: 91 Resp: 511317
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.6





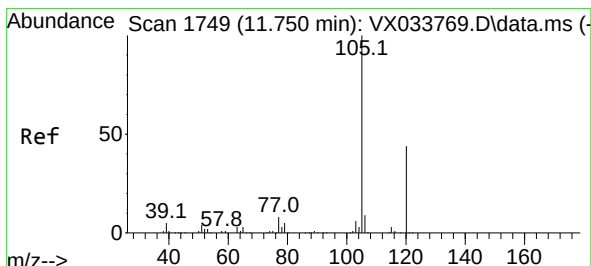
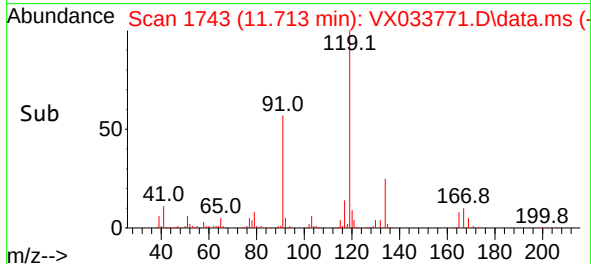
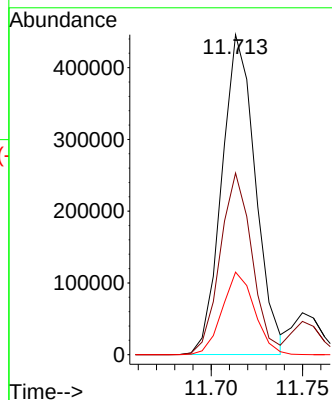
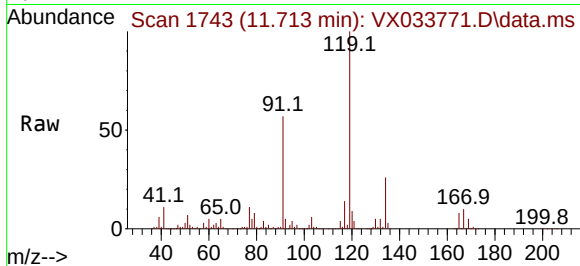
#79
tert-butylbenzene
Concen: 76.563 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 57223
Ion Ratio Lower Upper
119 100
91 54.1 0.0 111.0
134 24.7 0.0 49.2

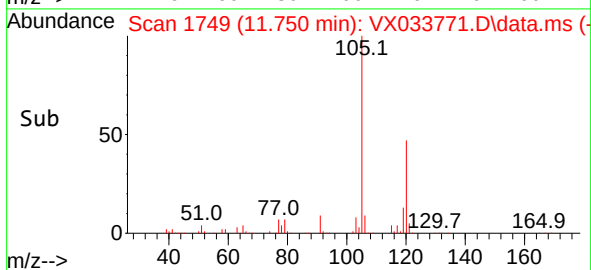
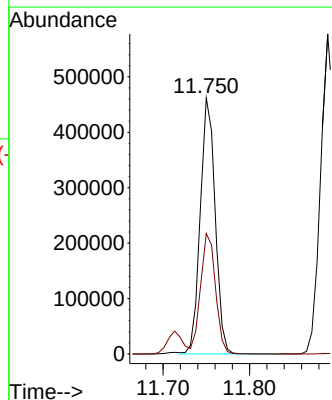
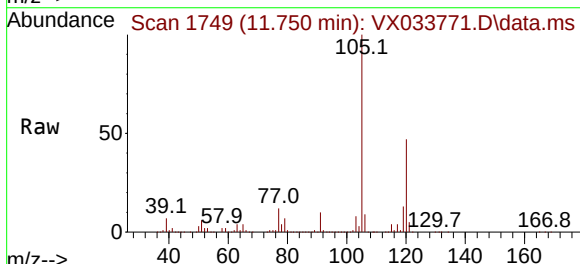
Manual Integrations
APPROVED

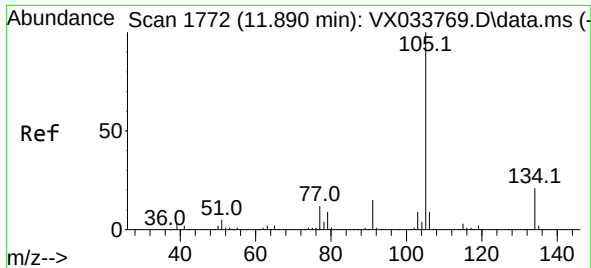
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,2,4-Trimethylbenzene
Concen: 76.790 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

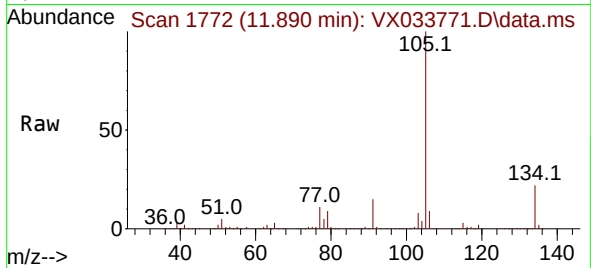
Tgt Ion:105 Resp: 552853
Ion Ratio Lower Upper
105 100
120 46.9 0.0 91.2





#81
 sec-Butylbenzene
 Concen: 76.927 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47

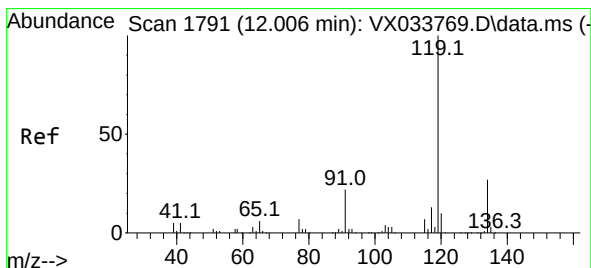
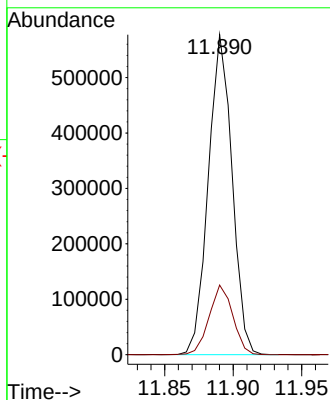
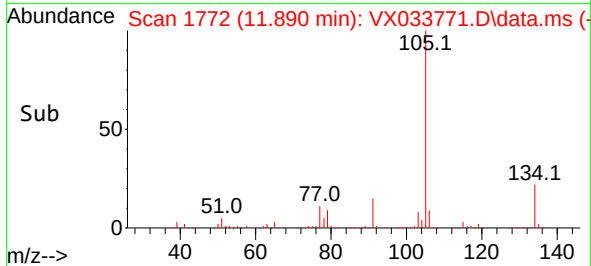
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



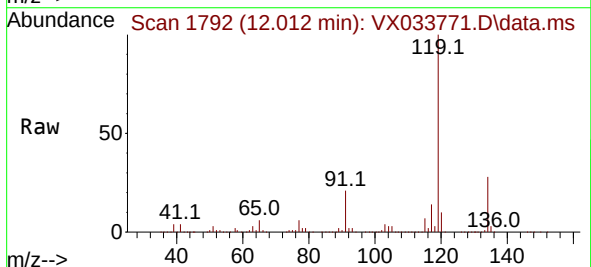
Tgt Ion:105 Resp: 695689
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 43.2

Manual Integrations
 APPROVED

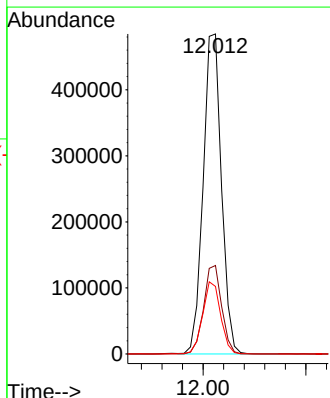
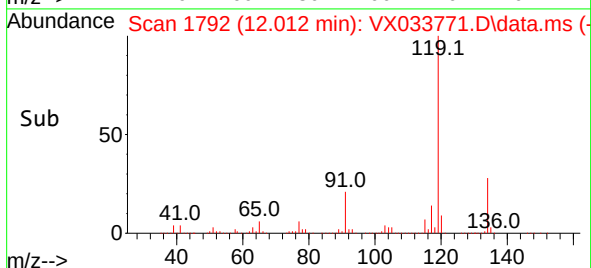
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

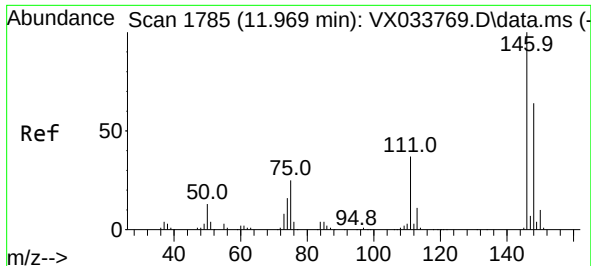


#82
 p-Isopropyltoluene
 Concen: 76.891 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033771.D
 Acq: 18 Jan 2023 13:47



Tgt Ion:119 Resp: 599746
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 22.0 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 77.028 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 326649

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.3

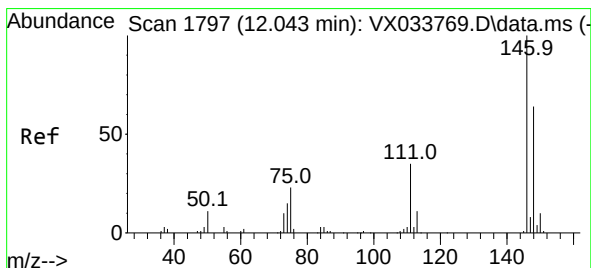
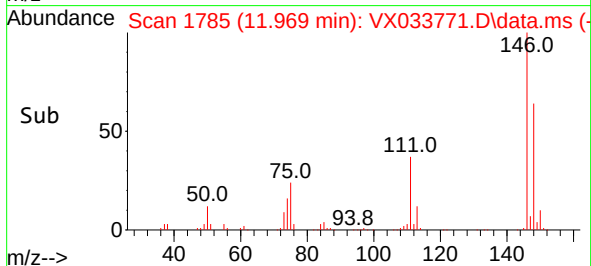
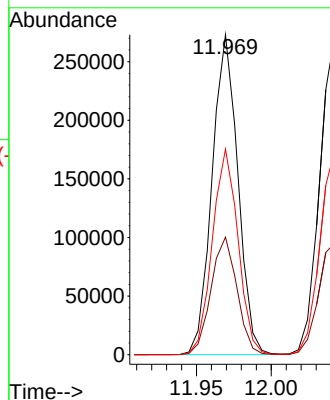
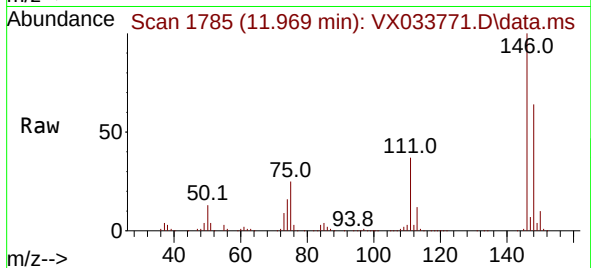
148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#84

1,4-Dichlorobenzene

Concen: 78.507 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033771.D

Acq: 18 Jan 2023 13:47

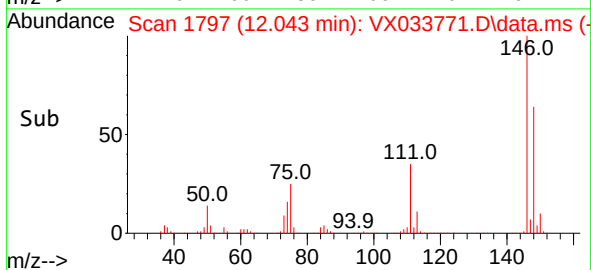
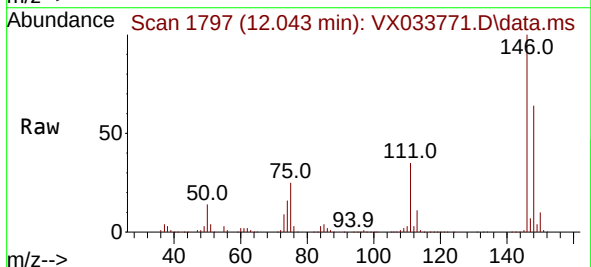
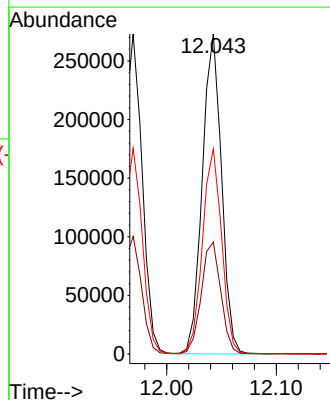
Tgt Ion:146 Resp: 331928

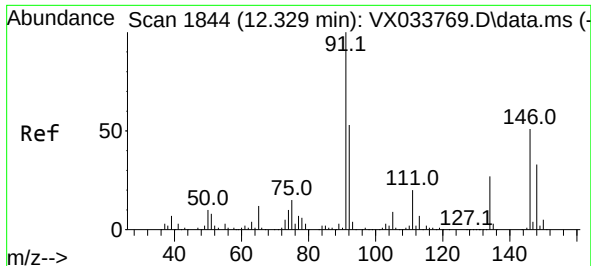
Ion Ratio Lower Upper

146 100

111 35.8 18.3 54.9

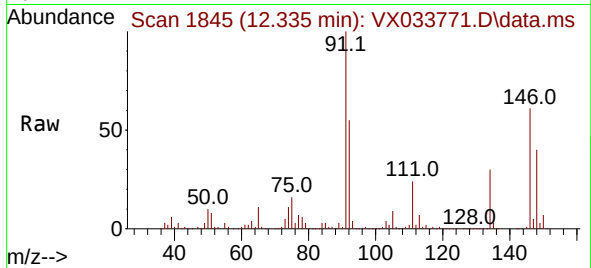
148 63.7 31.9 95.7





#85
n-Butylbenzene
Concen: 79.936 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

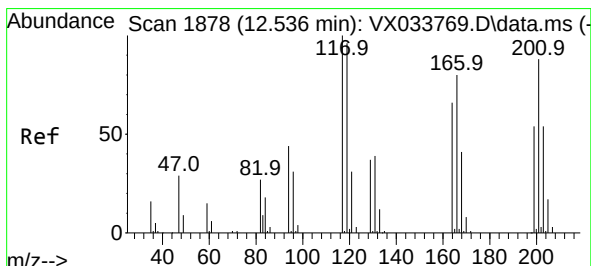
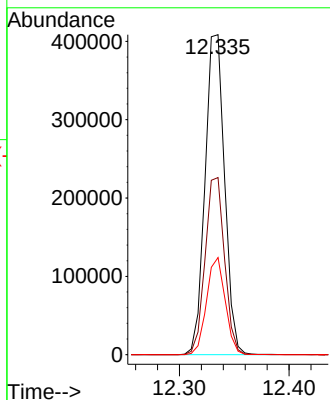
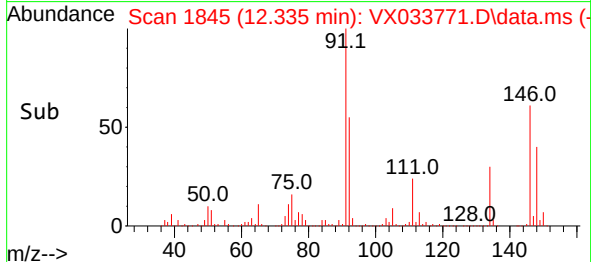
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 50690
Ion Ratio Lower Upper
91 100
92 54.9 0.0 108.2
134 29.0 0.0 55.4

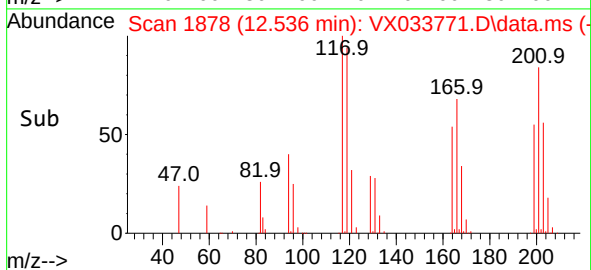
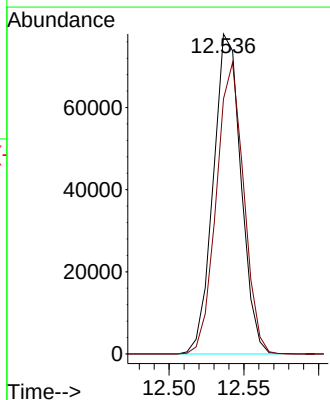
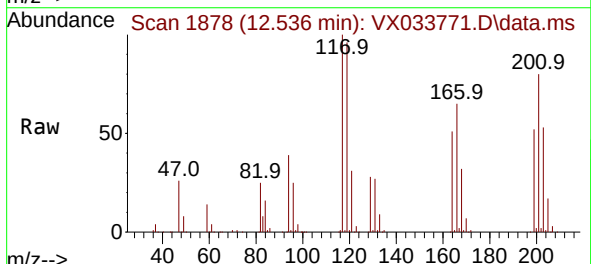
Manual Integrations
APPROVED

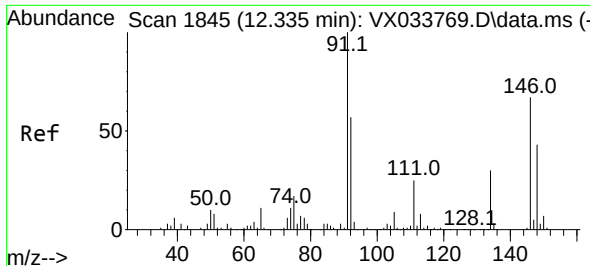
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 79.227 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

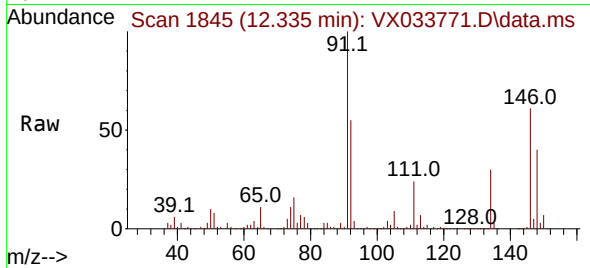
Tgt Ion:117 Resp: 100534
Ion Ratio Lower Upper
117 100
201 89.8 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 77.853 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

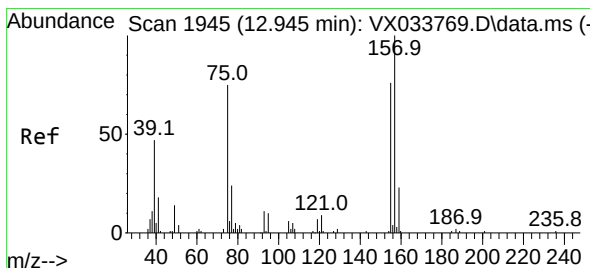
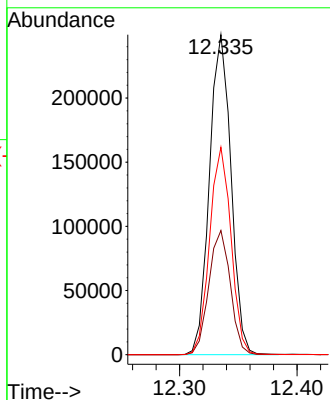
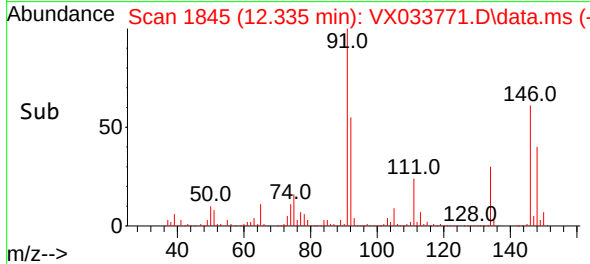
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



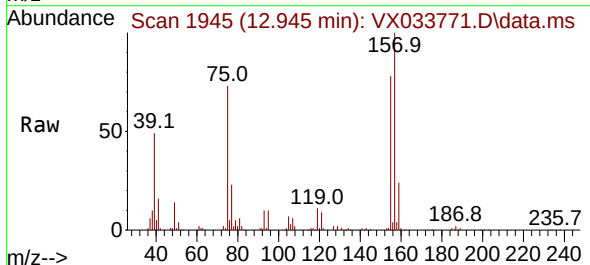
Tgt Ion:146 Resp: 318029
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.0
148 64.3 31.9 95.9

Manual Integrations
APPROVED

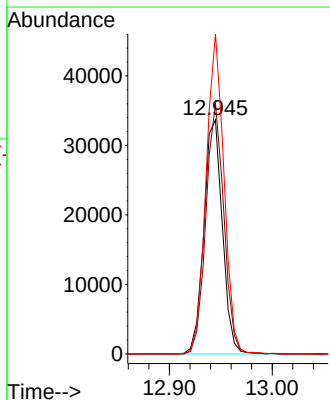
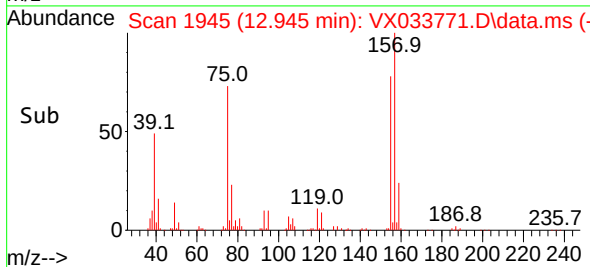
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

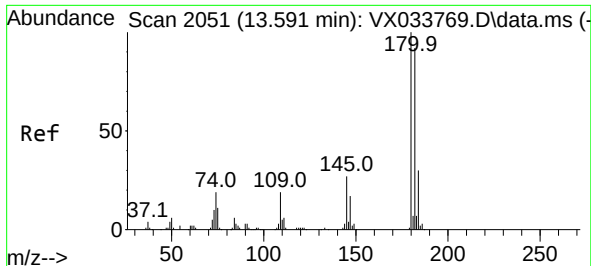


#88
1,2-Dibromo-3-Chloropropane
Concen: 76.959 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion: 75 Resp: 42228
Ion Ratio Lower Upper
75 100
155 103.3 77.6 116.4
157 131.4 98.0 147.0





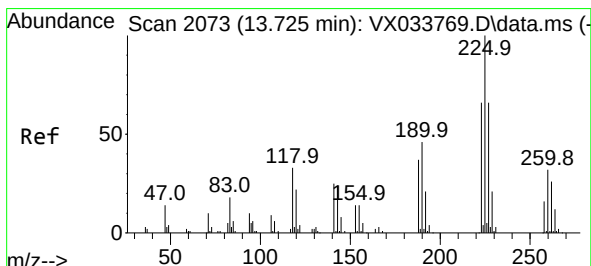
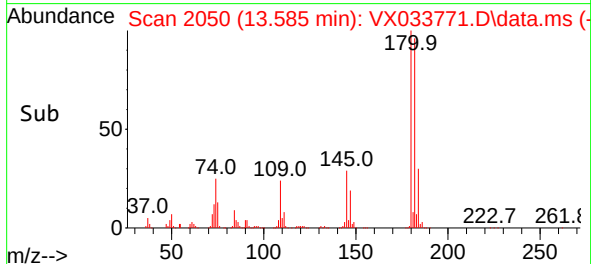
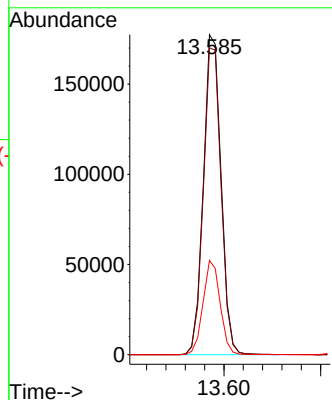
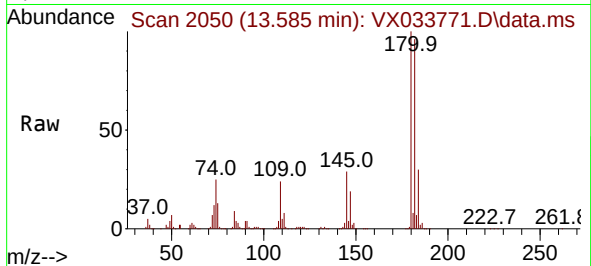
#89
1,2,4-Trichlorobenzene
Concen: 80.403 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 225894
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 28.5 21.8 32.6

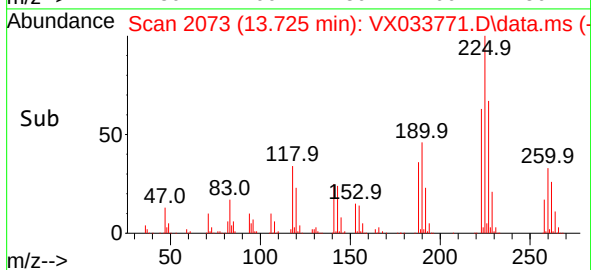
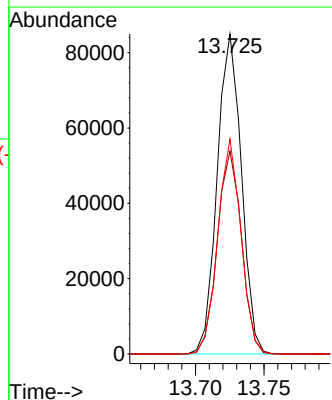
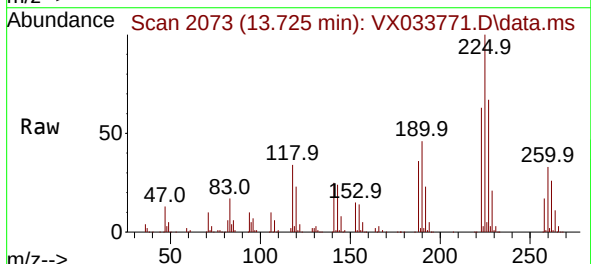
Manual Integrations
APPROVED

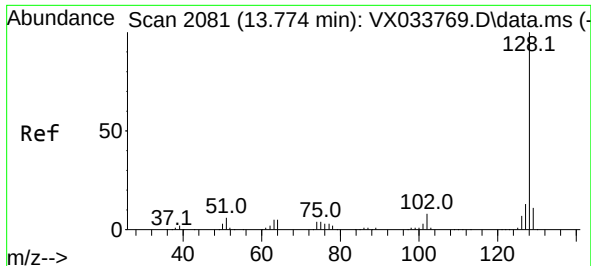
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachlorobutadiene
Concen: 77.465 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

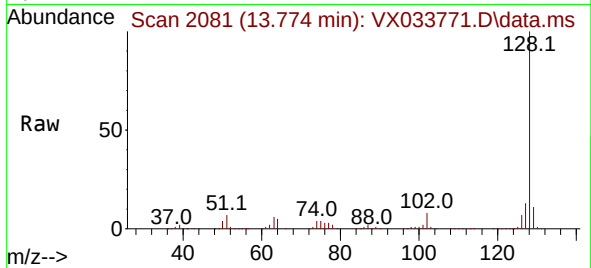
Tgt Ion:225 Resp: 104354
Ion Ratio Lower Upper
225 100
223 63.3 0.0 127.0
227 64.2 0.0 123.0





#91
Naphthalene
Concen: 79.497 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47

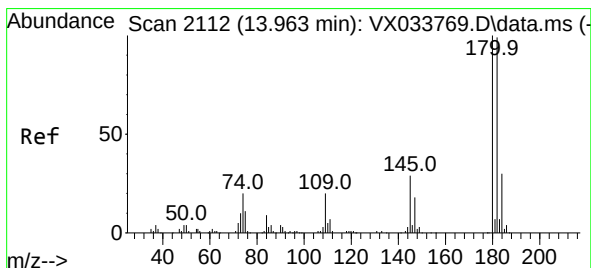
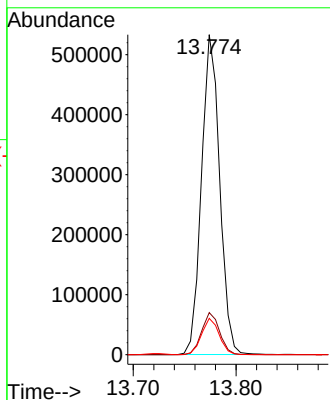
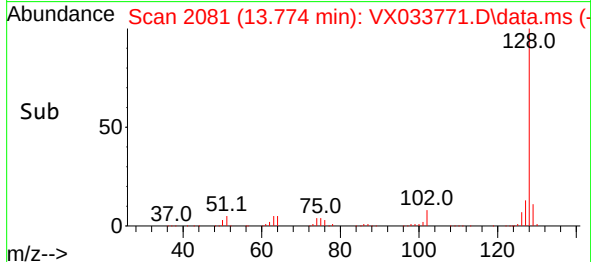
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



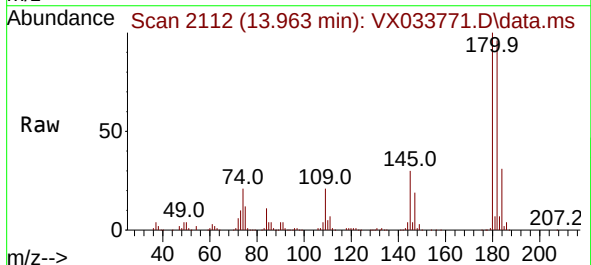
Tgt Ion:128 Resp: 65584
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#92
1,2,3-Trichlorobenzene
Concen: 79.986 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033771.D
Acq: 18 Jan 2023 13:47



Tgt Ion:180 Resp: 225473
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.2
145 29.9 0.0 60.4

