

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033769.D
 Acq On : 18 Jan 2023 13:01
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 13:27:46 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	17173	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	118316	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	123997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	39971	28.746	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	95.833%	
60) 4-Bromofluorobenzene	11.079	95	68207	30.520	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.733%	
63) Toluene-d8	8.647	98	121654	30.656	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	33118	18.440	ug/l	99
3) Chloromethane	1.294	50	36221	18.815	ug/l	99
4) Vinyl Chloride	1.374	62	36235	20.837	ug/l	99
5) Bromomethane	1.618	94	22309	23.162	ug/l	98
6) Chloroethane	1.691	64	20194	19.829	ug/l	97
7) Trichlorofluoromethane	1.892	101	53533	19.949	ug/l	96
8) Diethyl Ether	2.130	74	19740	22.592	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32342	23.243	ug/l	96
10) 1,1-Dichloroethene	2.319	96	31524	24.029	ug/l	98
11) Methyl Iodide	2.453	142	46183	20.478	ug/l	94
12) Methyl Acetate	2.709	43	55149	20.080	ug/l	99
13) Acrolein	2.239	56	26854	90.681	ug/l	96
14) Acrylonitrile	3.068	53	91102	100.584	ug/l	99
15) Acetone	2.398	58	27175	132.579	ug/l	83
16) Carbon Disulfide	2.514	76	74093	19.409	ug/l	100
17) Allyl chloride	2.666	41	57273	20.521	ug/l	87
18) Methylene Chloride	2.788	84	35585	19.369	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	34201	19.404	ug/l	92
20) Diisopropyl ether	3.757	45	111910	18.578	ug/l #	91
21) 1,1-Dichloroethane	3.611	63	60864	18.425	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	40002	19.085	ug/l	96
23) tert-Butyl Alcohol	3.026	59	32031m	89.534	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	102535	18.303	ug/l	97
25) Chloroform	5.093	83	61303	18.283	ug/l	93
26) Cyclohexane	5.471	56	55996	18.264	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	45865	17.934	ug/l	97
30) 2-Butanone	4.568	43	128907	96.519	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	42200	19.165	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	52585	17.612	ug/l	99
33) Carbon Tetrachloride	5.678	117	47349	17.569	ug/l	98
34) Benzene	6.037	78	140054	18.850	ug/l	98
35) Methacrylonitrile	4.922	41	27922	18.348	ug/l	95
36) 1,2-Dichloroethane	6.086	62	47513	17.592	ug/l	97
37) Trichloroethene	7.129	130	39290	18.337	ug/l	99
38) Methylcyclohexane	7.379	83	55091	17.324	ug/l	99
39) 1,2-Dichloropropane	7.427	63	32545	17.140	ug/l	99
40) Dibromomethane	7.580	93	23340	17.491	ug/l	98
41) Bromodichloromethane	7.818	83	44609	17.235	ug/l	98
42) Vinyl Acetate	3.721	43	428114	89.699	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	48496	17.721	ug/l	97
44) Isopropyl Acetate	6.342	43	74779	17.417	ug/l	100
45) 1,4-Dioxane	7.714	88	16108m	343.889	ug/l	
46) Methyl methacrylate	7.696	41	38235	17.589	ug/l	97
47) n-amyl Acetate	10.842	43	59880	16.381	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	43029	16.270	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	51596	17.566	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	33044	17.059	ug/l	98
51) Ethyl methacrylate	9.116	69	48324	16.730	ug/l	95
52) 1,3-Dichloropropane	9.305	76	55544	17.120	ug/l	99
53) Dibromochloromethane	9.519	129	35060	16.606	ug/l	97
54) 1,2-Dibromoethane	9.610	107	35287	17.046	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	118043	84.535	ug/l	99
56) Bromoform	10.799	173	28233	17.417	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	238663	96.894	ug/l	99
59) 2-Hexanone	9.427	43	178812	98.641	ug/l	98
61) Tetrachloroethene	9.275	164	31529	17.623	ug/l	99
62) Toluene	8.720	91	148430	19.016	ug/l	97
64) Chlorobenzene	10.079	112	96311	19.158	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	36076	19.067	ug/l	99
66) Ethyl Benzene	10.195	91	167007	19.186	ug/l	97
67) m/p-Xylenes	10.299	106	131451	38.262	ug/l	98
68) o-Xylene	10.640	106	64875	19.212	ug/l	98
69) Styrene	10.653	104	107434	19.223	ug/l	98
70) Isopropylbenzene	10.963	105	168714	19.292	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	49928	18.961	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	46151m	19.347	ug/l	
73) Bromobenzene	11.195	156	45905	19.835	ug/l	95
74) n-propylbenzene	11.305	91	191794	19.317	ug/l	100
75) 2-Chlorotoluene	11.366	91	113932	19.185	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	142288	19.597	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	13128	18.395	ug/l	94
78) 4-Chlorotoluene	11.451	91	127118	19.088	ug/l	99
79) tert-butylbenzene	11.713	119	144117	19.354	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	139530	19.452	ug/l	98
81) sec-Butylbenzene	11.890	105	174199	19.334	ug/l	99
82) p-Isopropyltoluene	12.006	119	152338	19.603	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	81707	19.339	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	81231	19.284	ug/l	99
85) n-Butylbenzene	12.329	91	121273	19.195	ug/l	99
86) Hexachloroethane	12.536	117	22740	17.987	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	80666	19.820	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10042	18.369	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	54333	19.411	ug/l	99
90) Hexachlorobutadiene	13.725	225	25168	18.752	ug/l	97
91) Naphthalene	13.774	128	161269	19.620	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	54127	19.273	ug/l	99

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

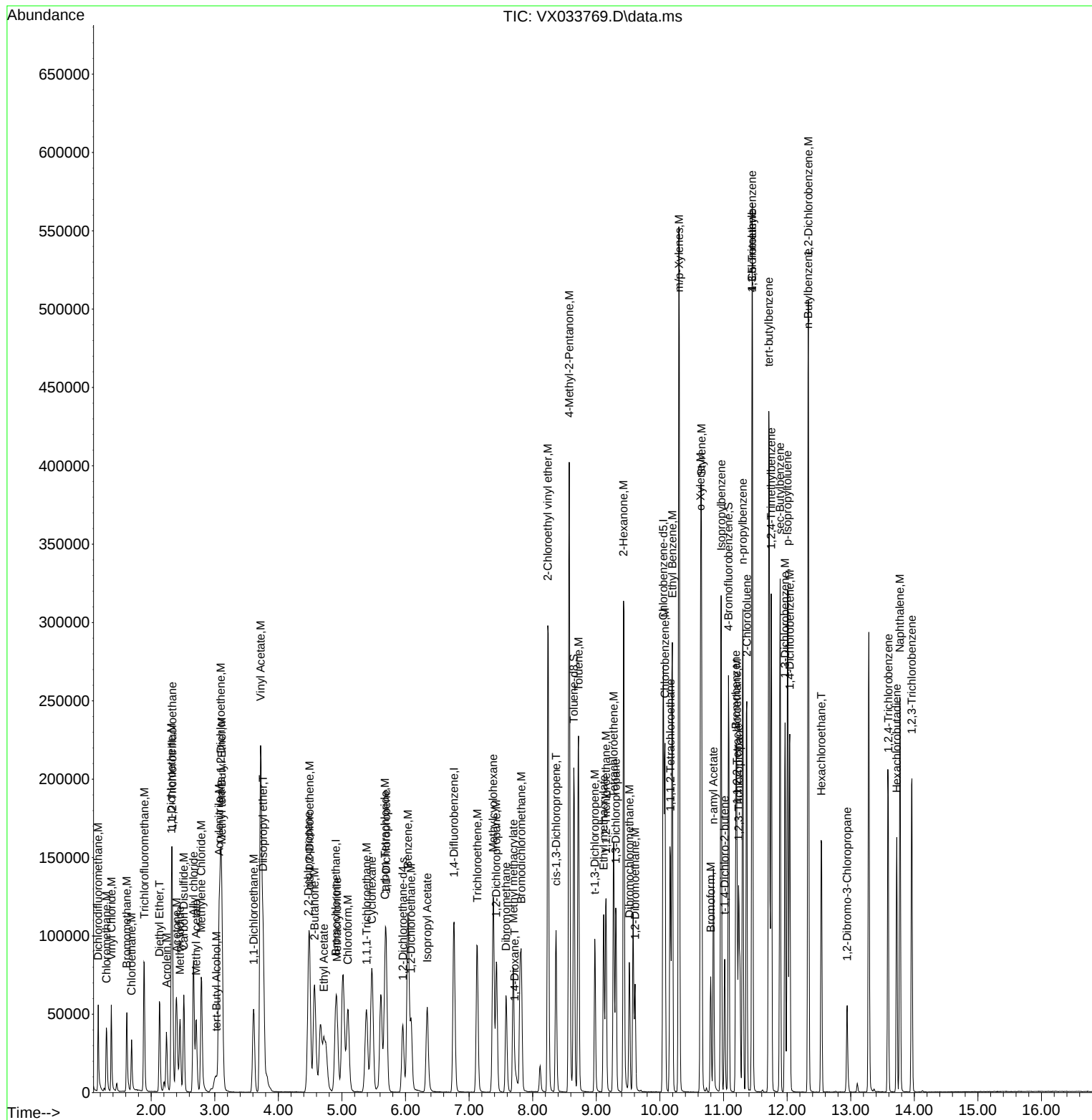
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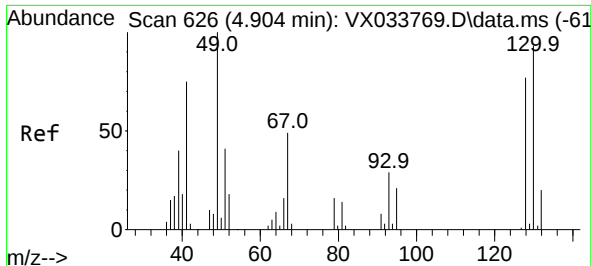
Instrument :
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Manual Integrations APPROVED

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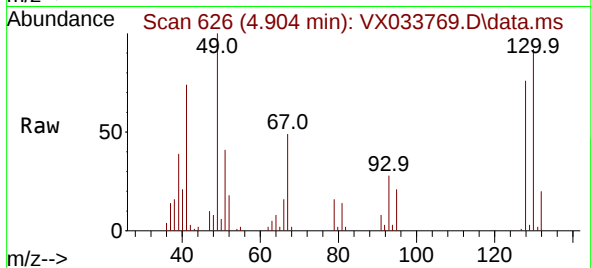
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

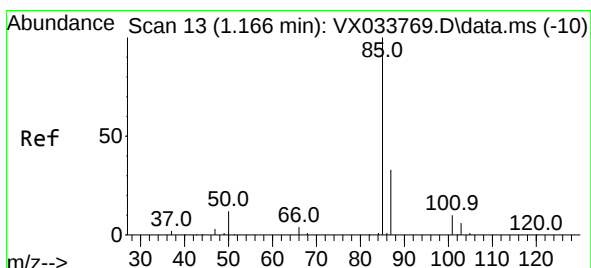
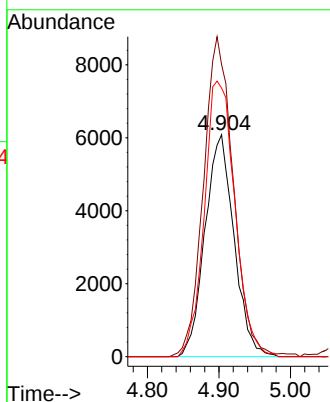
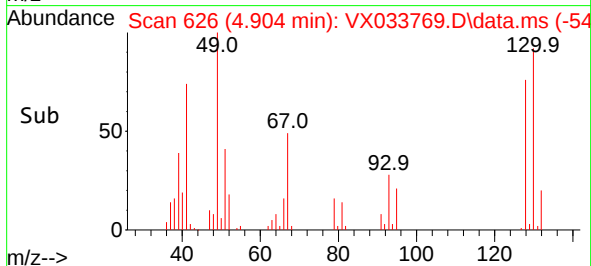
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



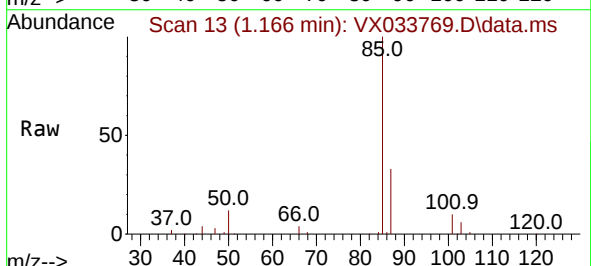
Tgt Ion:128 Resp: 1717
Ion Ratio Lower Upper
128 100
49 147.6 0.0 398.5
130 131.0 0.0 329.0

Manual Integrations
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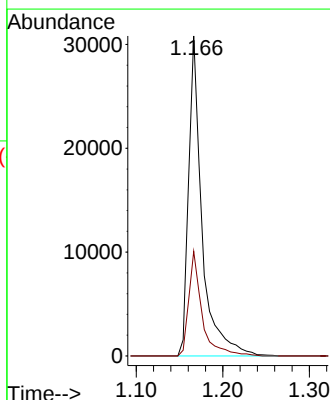
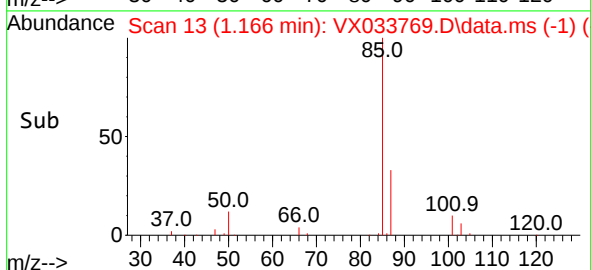
Reviewed By :John Carlone 01/19/2023
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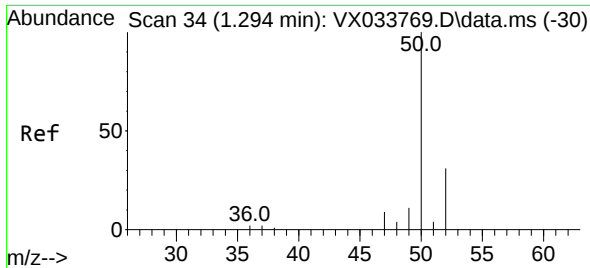


#2
Dichlorodifluoromethane
Concen: 18.440 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



Tgt Ion: 85 Resp: 33118
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





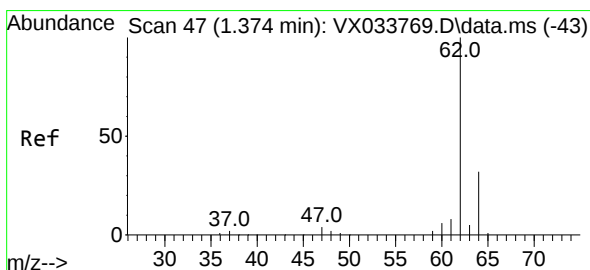
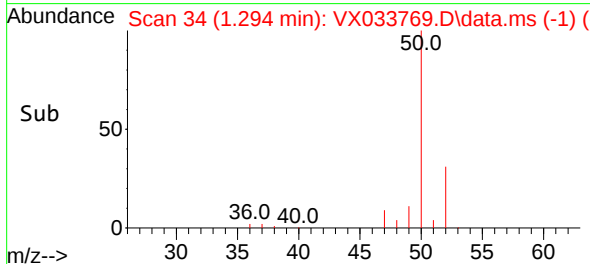
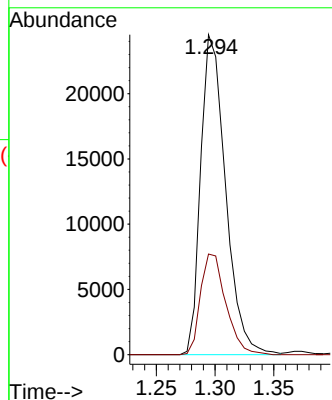
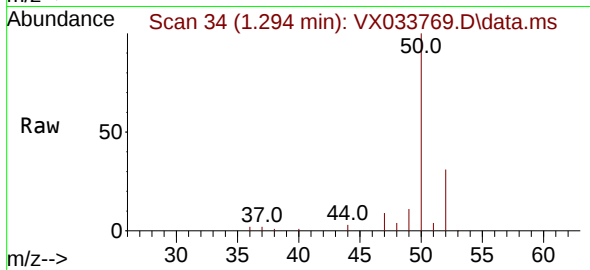
#3
Chloromethane
Concen: 18.815 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 3622
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

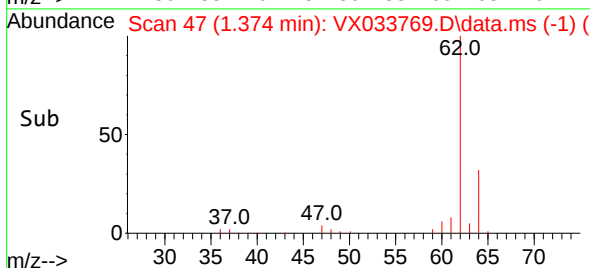
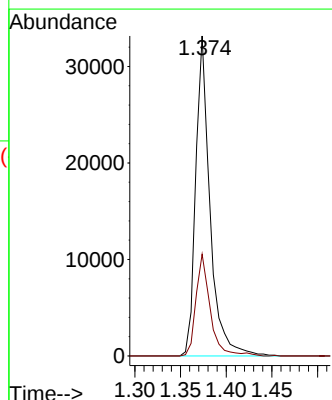
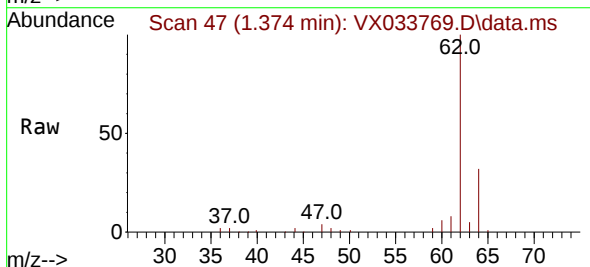
Manual Integrations
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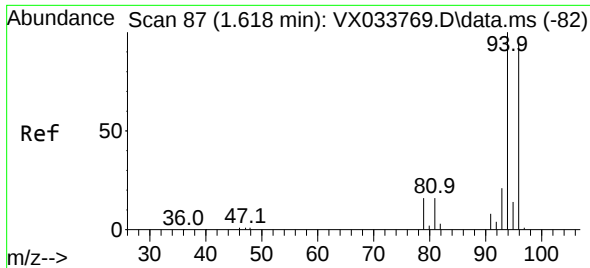
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 20.837 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

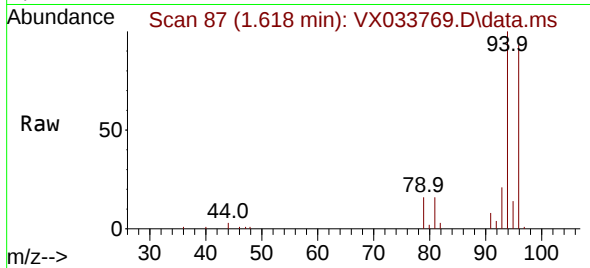
Tgt Ion: 62 Resp: 36235
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5
Bromomethane
Concen: 23.162 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

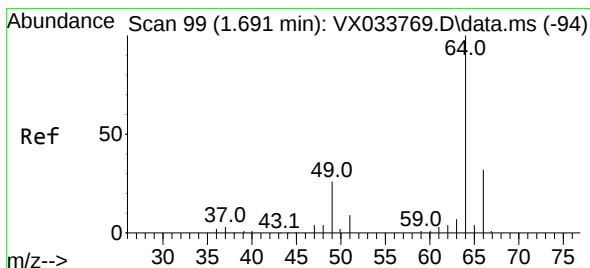
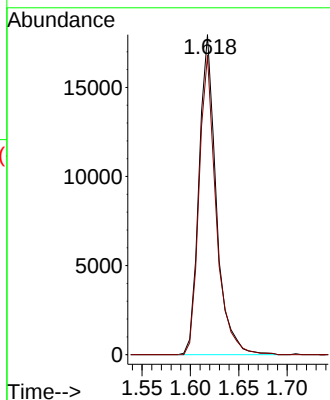
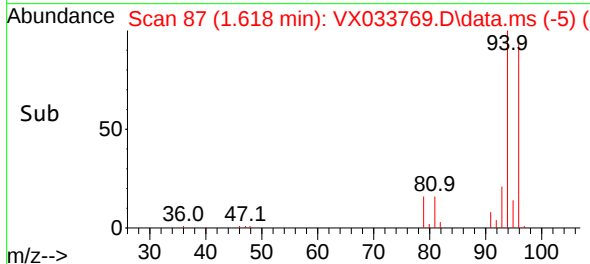
Instrument :
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Tgt Ion: 94 Resp: 22309
Ion Ratio Lower Upper
94 100
96 93.5 73.6 110.4

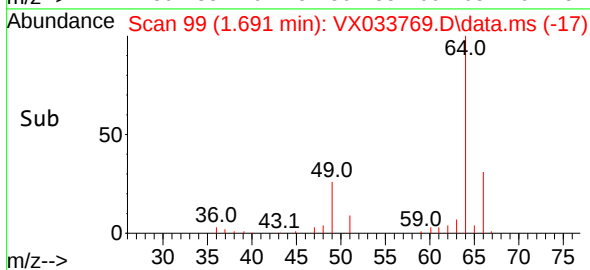
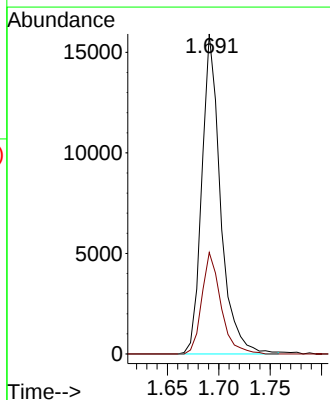
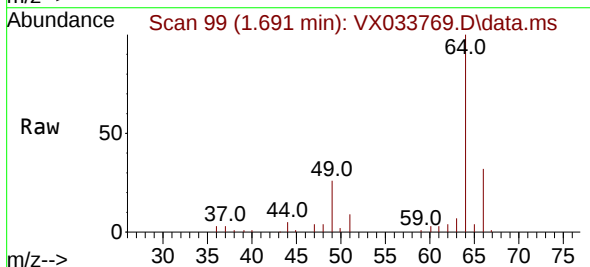
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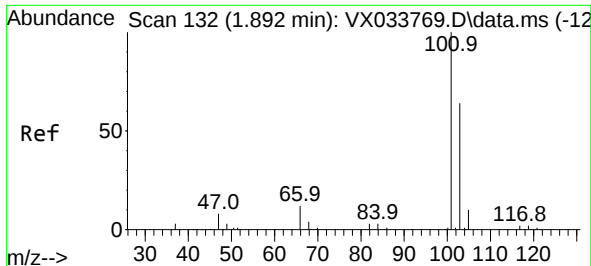
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 19.829 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

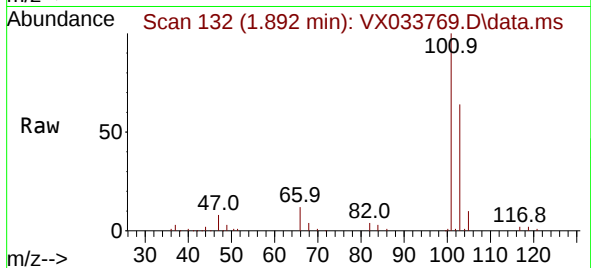
Tgt Ion: 64 Resp: 20194
Ion Ratio Lower Upper
64 100
66 31.7 26.6 40.0





#7
Trichlorofluoromethane
Concen: 19.949 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

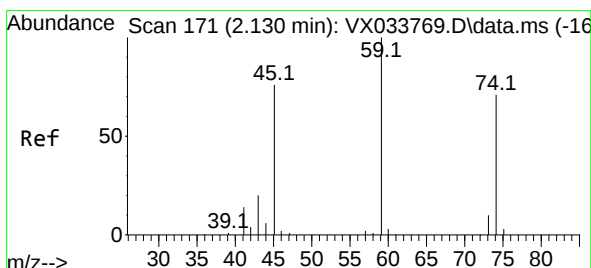
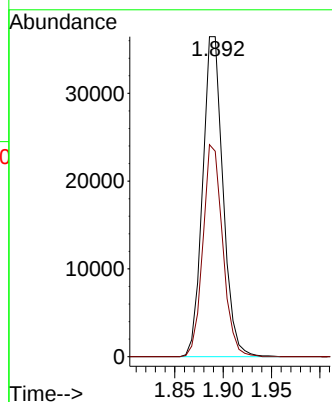
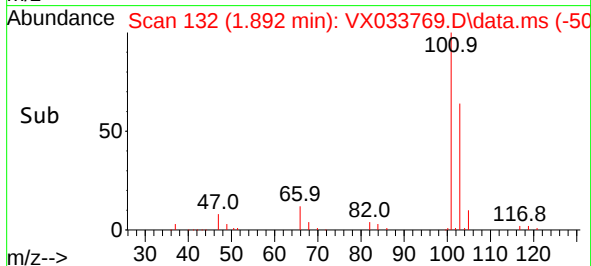
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:101 Resp: 5353
Ion Ratio Lower Upper
101 100
103 64.2 53.7 80.5

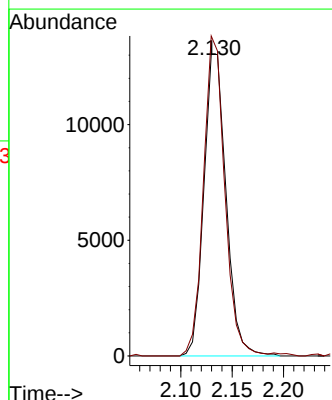
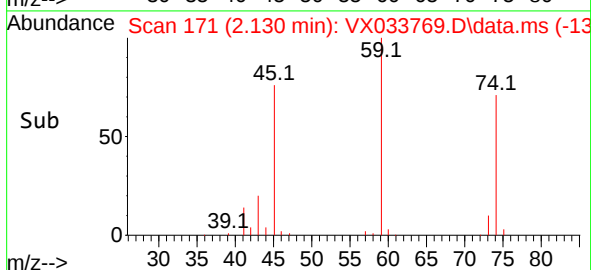
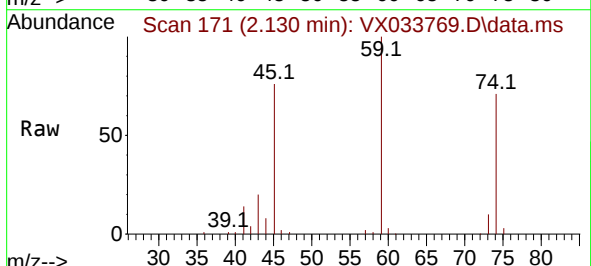
Manual Integrations
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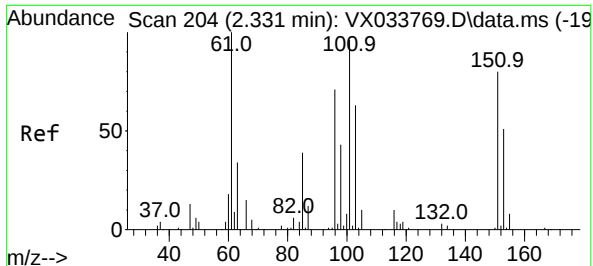
Reviewed By :John Carlone 01/19/2023
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#8
Diethyl Ether
Concen: 22.592 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 74 Resp: 19740
Ion Ratio Lower Upper
74 100
45 101.1 20.3 182.9





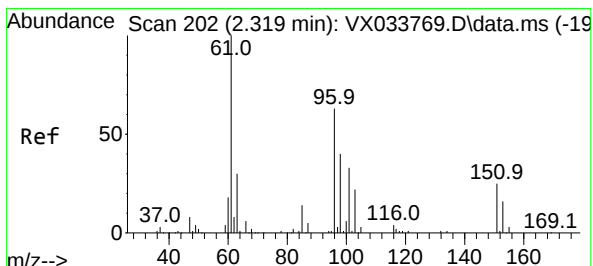
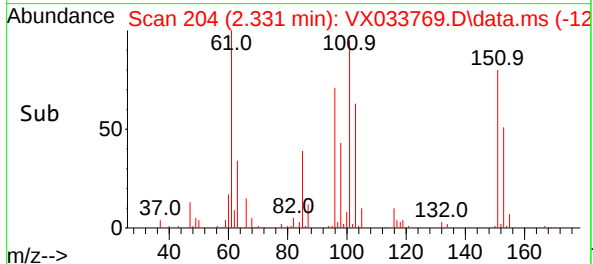
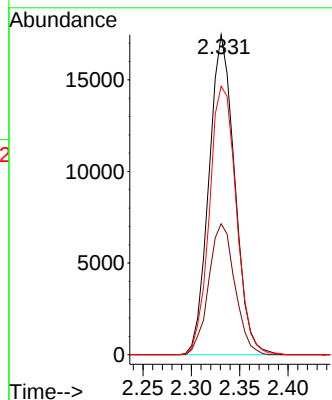
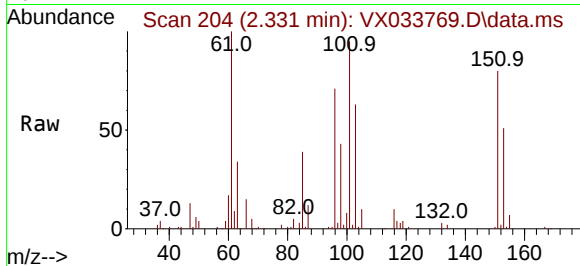
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1,1,2-Trichlorotrifluoroethane
Concen: 23.243 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 3234
Ion Ratio Lower Upper
101 100
85 41.5 0.0 88.8
151 87.3 0.0 167.2

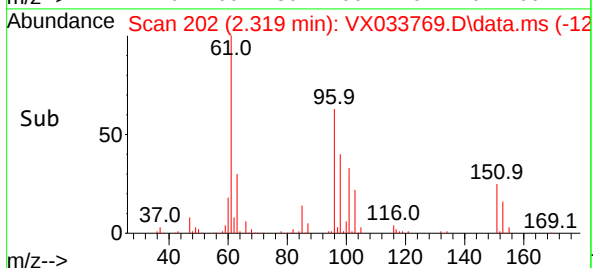
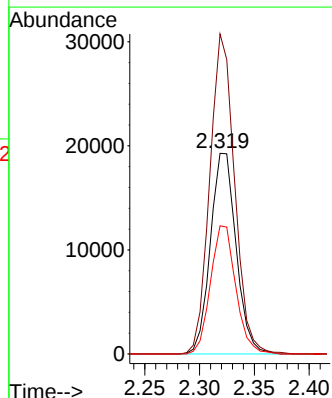
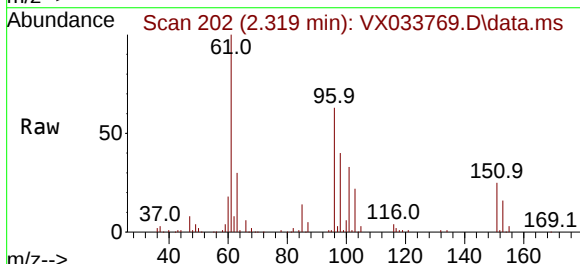
Manual Integrations
APPROVED

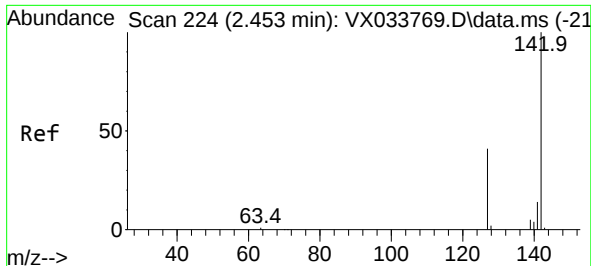
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 24.029 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

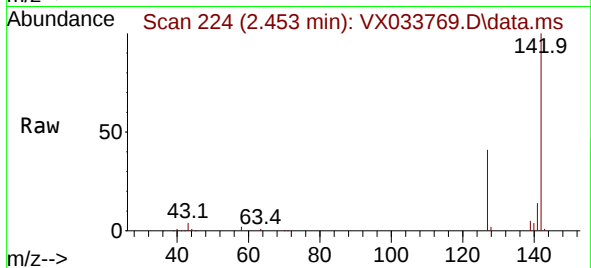
Tgt Ion: 96 Resp: 31524
Ion Ratio Lower Upper
96 100
61 159.4 130.6 195.8
98 63.9 50.8 76.2





#11
Methyl Iodide
Concen: 20.478 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

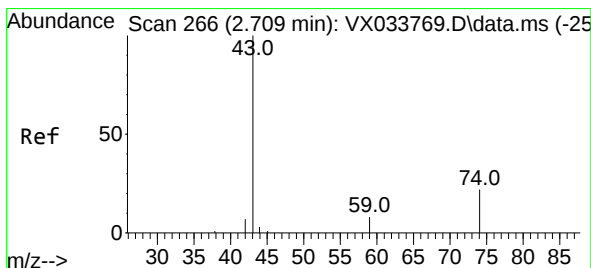
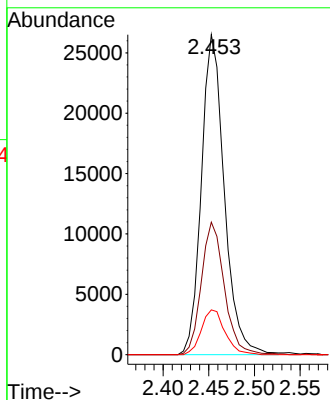
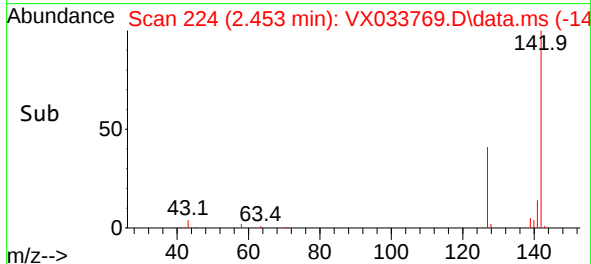
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 4618
Ion Ratio Lower Upper
142 100
127 41.4 23.2 69.5
141 14.0 7.3 22.0

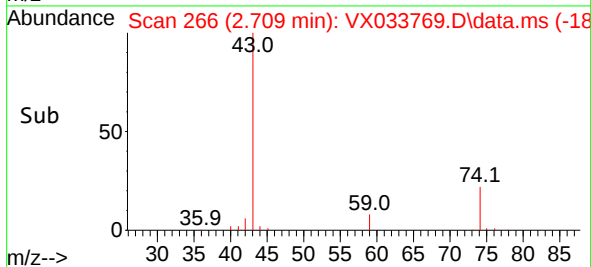
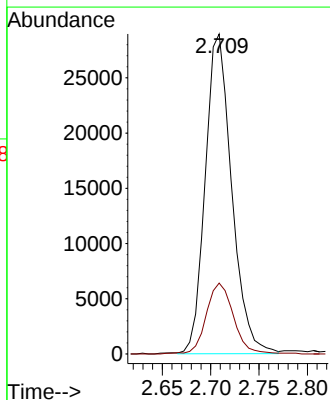
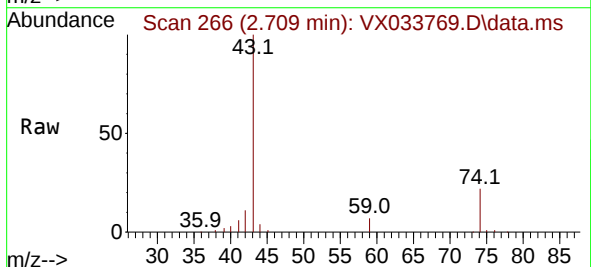
Manual Integrations
APPROVED

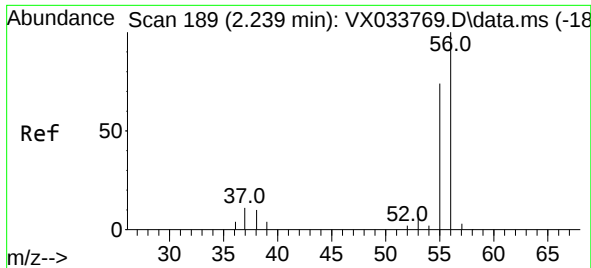
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 20.080 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

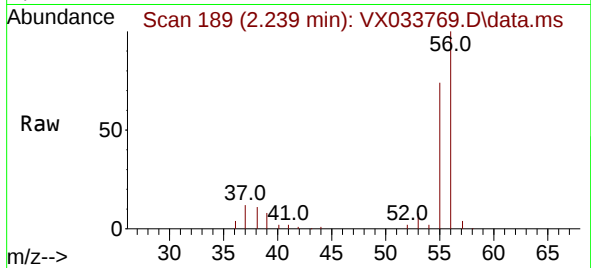
Tgt Ion: 43 Resp: 55149
Ion Ratio Lower Upper
43 100
74 22.0 17.0 25.6





#13
Acrolein
Concen: 90.681 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

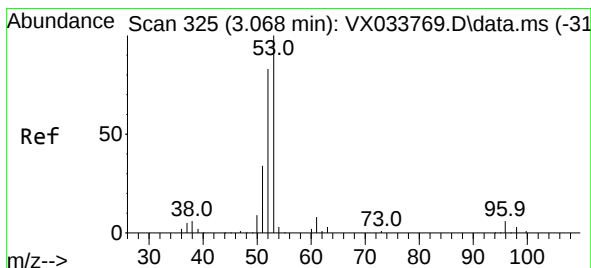
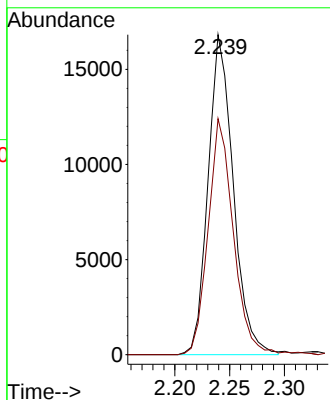
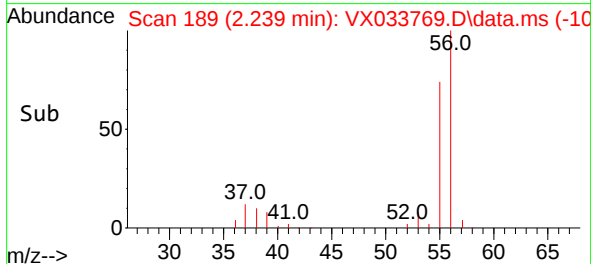
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



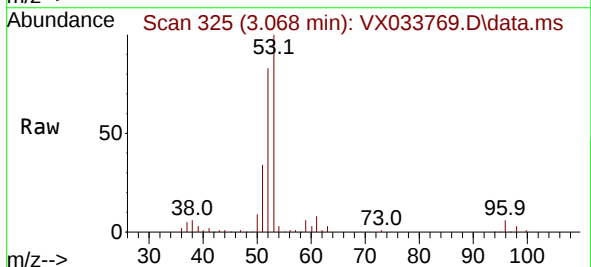
Tgt Ion: 56 Resp: 26854
Ion Ratio Lower Upper
56 100
55 73.5 56.1 84.1

Manual Integrations
APPROVED

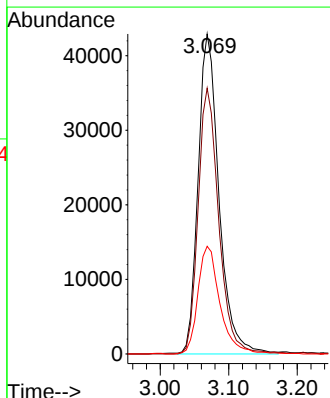
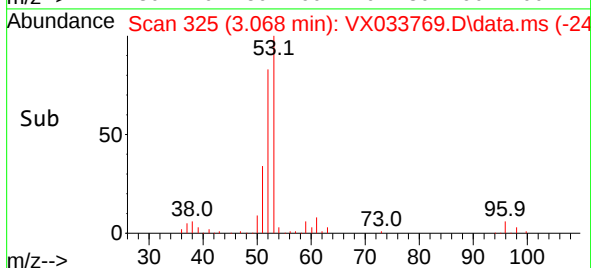
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

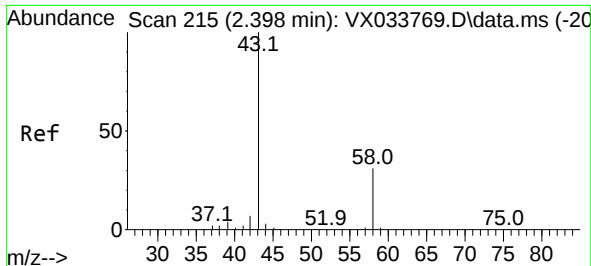


#14
Acrylonitrile
Concen: 100.584 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



Tgt Ion: 53 Resp: 91102
Ion Ratio Lower Upper
53 100
52 82.1 41.3 124.1
51 35.2 18.4 55.4





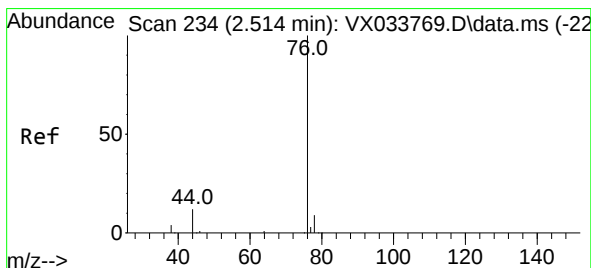
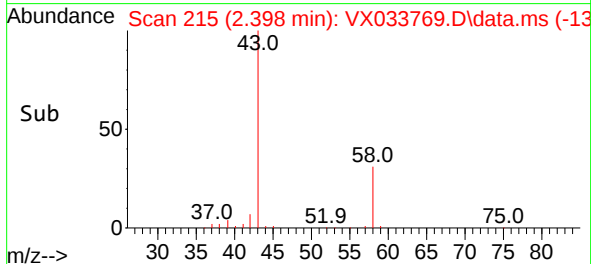
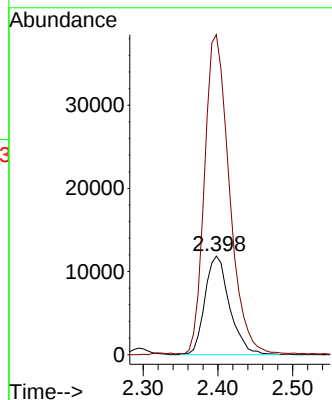
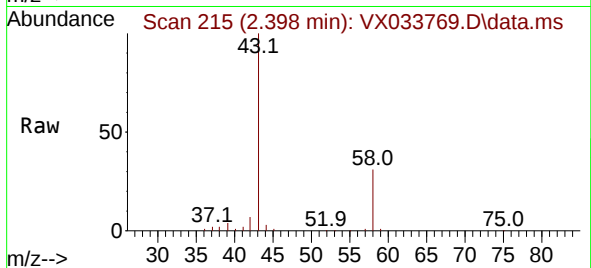
#15
Acetone
Concen: 132.579 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 2717
Ion Ratio Lower Upper
58 100
43 323.3 288.3 432.5

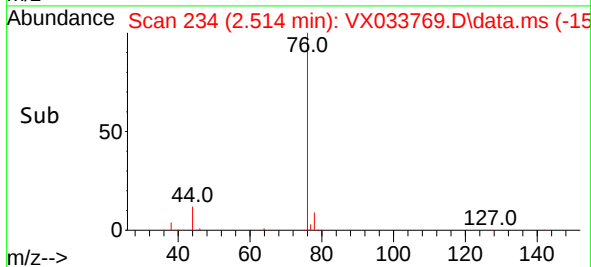
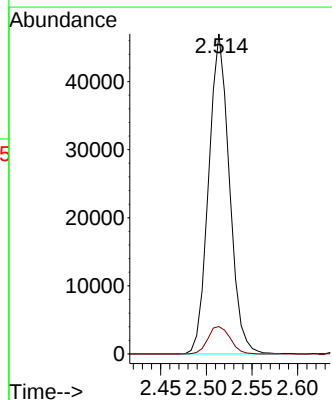
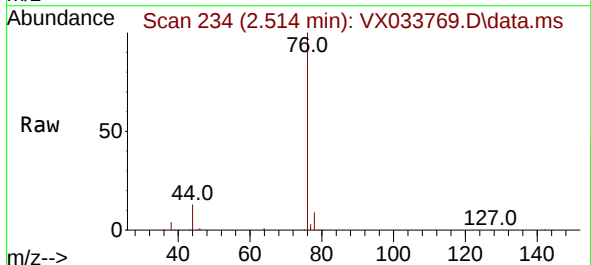
Manual Integrations
APPROVED

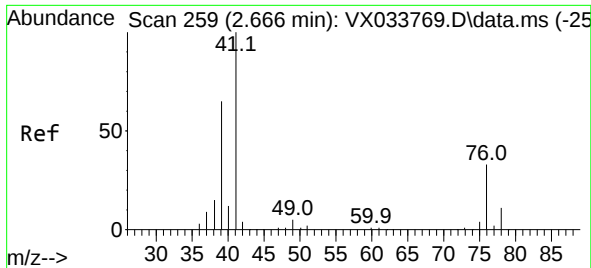
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#16
Carbon Disulfide
Concen: 19.409 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

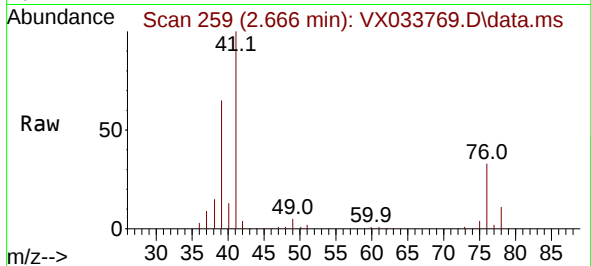
Tgt Ion: 76 Resp: 74093
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4





#17
 Allyl chloride
 Concen: 20.521 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

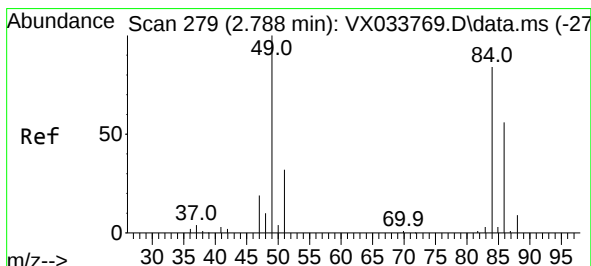
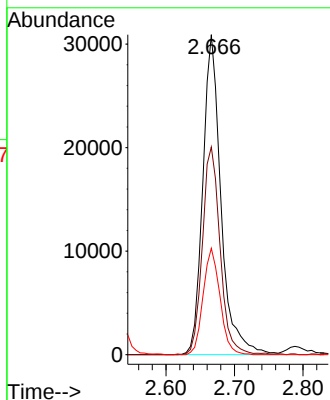
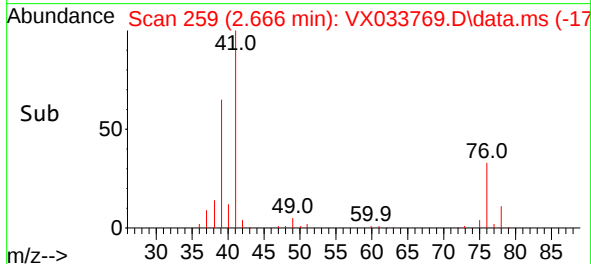
Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDICCC020



Tgt Ion: 41 Resp: 5727
 Ion Ratio Lower Upper
 41 100
 39 64.9 40.3 120.8
 76 33.2 17.0 50.9

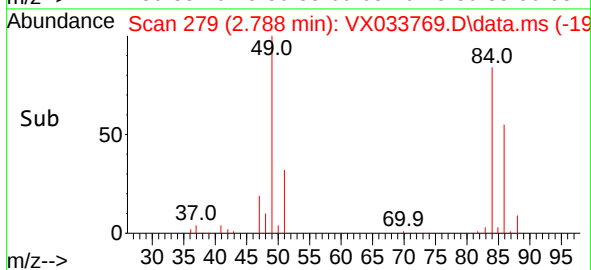
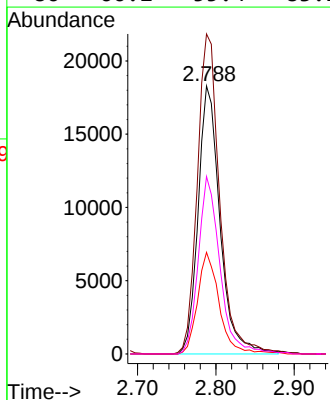
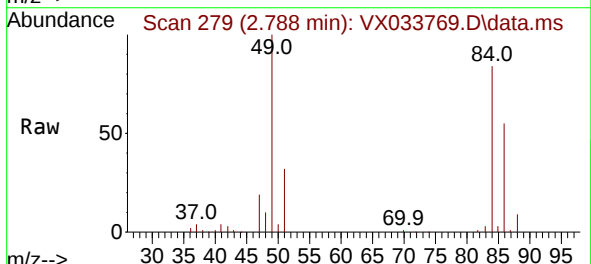
Manual Integrations
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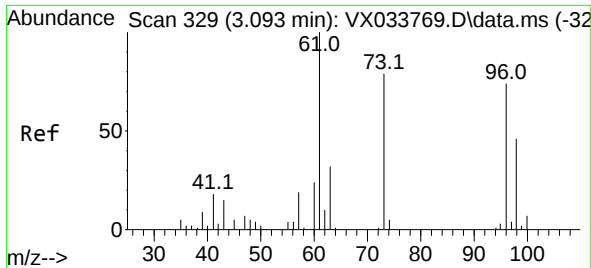
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#18
 Methylene Chloride
 Concen: 19.369 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

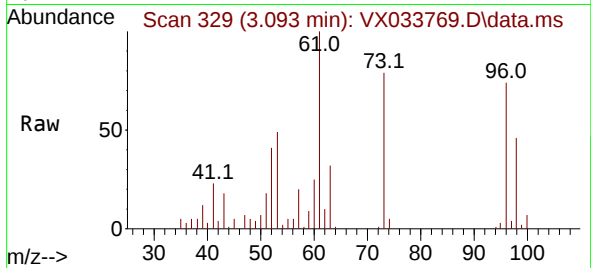
Tgt Ion: 84 Resp: 35585
 Ion Ratio Lower Upper
 84 100
 49 118.8 104.1 156.1
 51 37.9 29.2 43.8
 86 66.2 55.4 83.2





#19
trans-1,2-Dichloroethene
Concen: 19.404 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

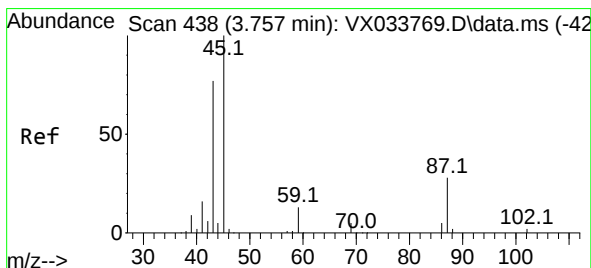
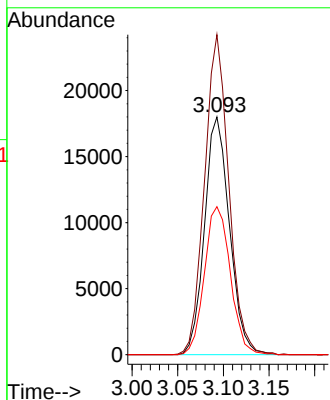
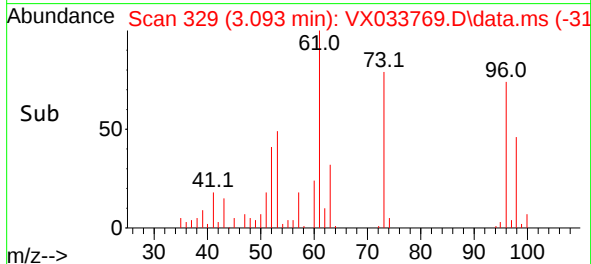
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



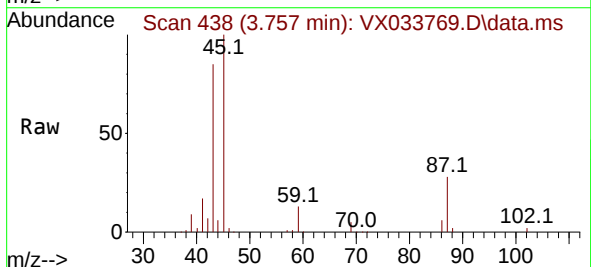
Tgt Ion: 96 Resp: 3420
Ion Ratio Lower Upper
96 100
61 134.6 117.1 175.7
98 62.2 52.0 78.0

Manual Integrations
APPROVED

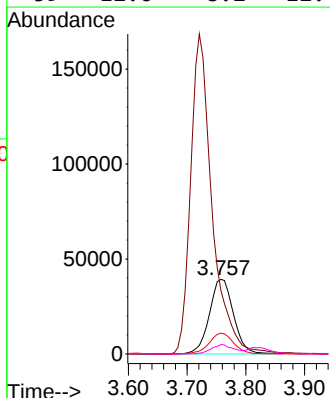
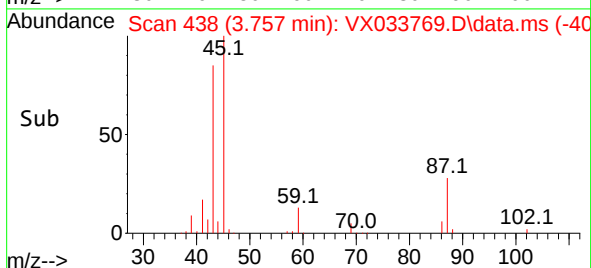
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

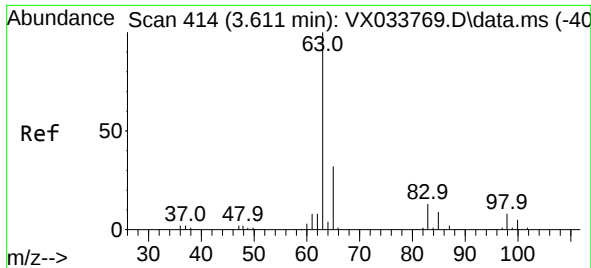


#20
Diisopropyl ether
Concen: 18.578 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



Tgt Ion: 45 Resp: 111910
Ion Ratio Lower Upper
45 100
43 83.2 58.0 87.0
87 27.9 21.7 32.5
59 12.6 8.2 12.4#





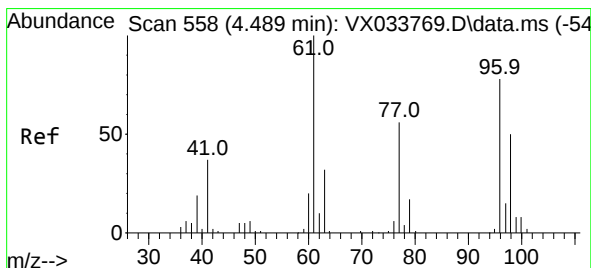
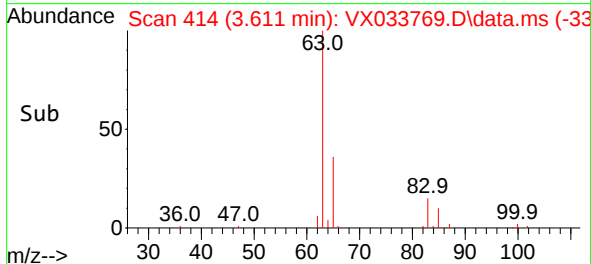
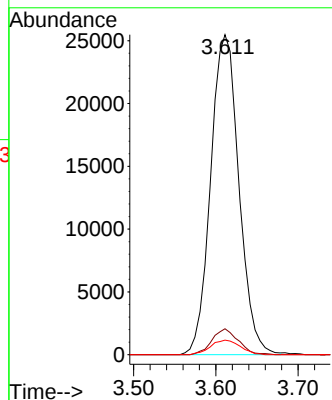
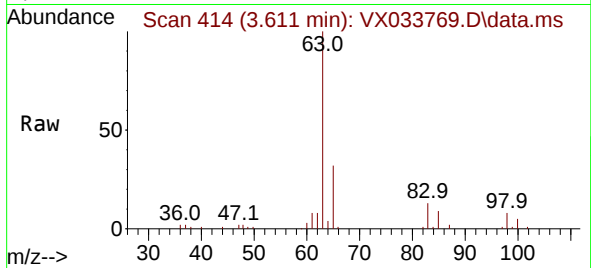
#21
1,1-Dichloroethane
Concen: 18.425 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 60864
Ion Ratio Lower Upper
63 100
98 8.1 4.0 12.2
100 4.6 2.4 7.2

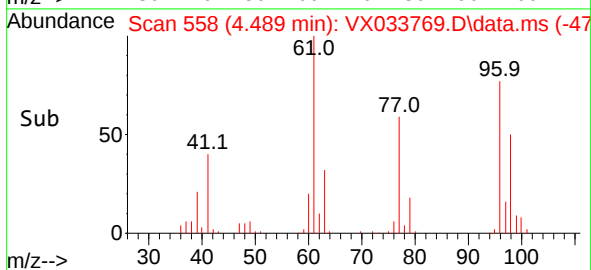
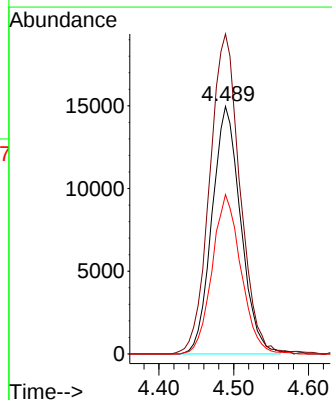
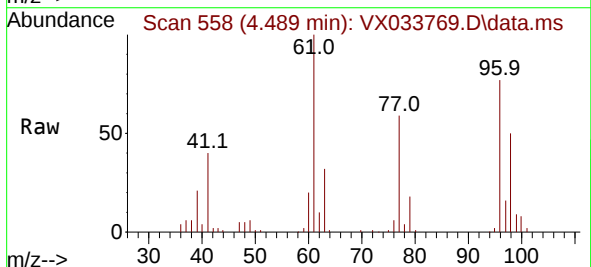
Manual Integrations
APPROVED

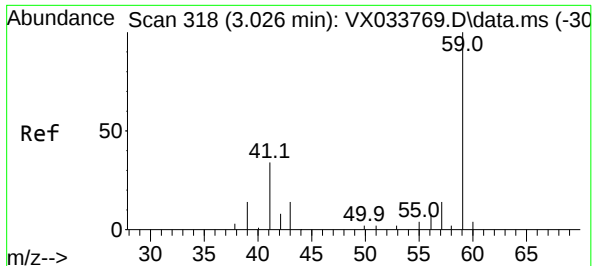
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 19.085 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 96 Resp: 40002
Ion Ratio Lower Upper
96 100
61 136.3 114.2 171.2
98 64.6 51.4 77.0





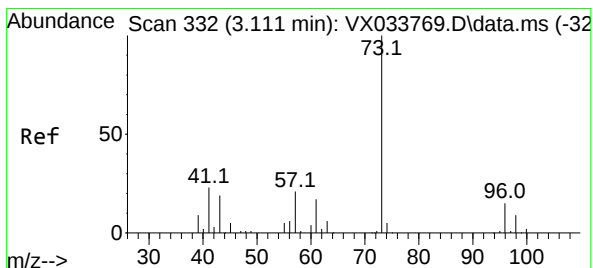
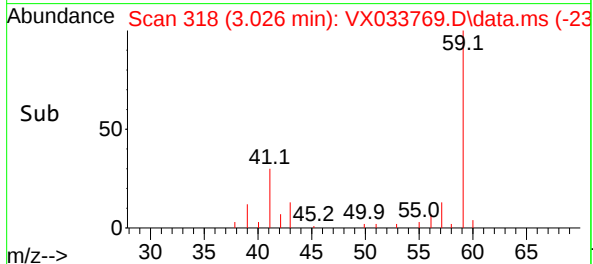
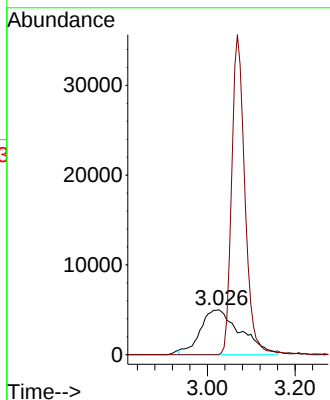
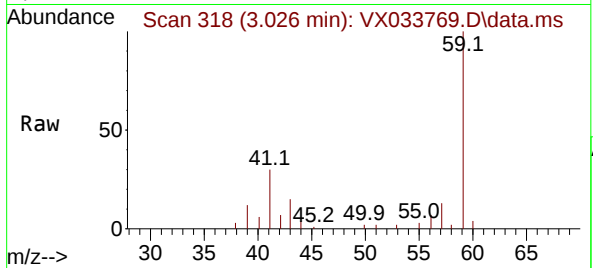
#23
tert-Butyl Alcohol
Concen: 89.534 ug/l m
RT: 3.026 min Scan# 318
Delta R.T. -0.018 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 3203
Ion Ratio Lower Upper
59 100
52 233.4 0.2 0.2

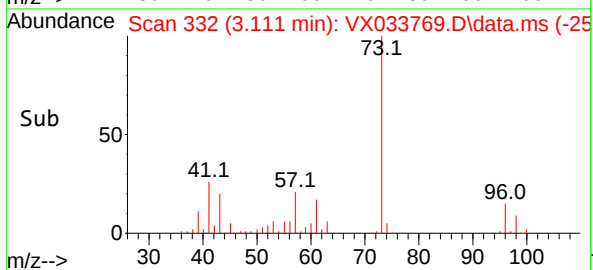
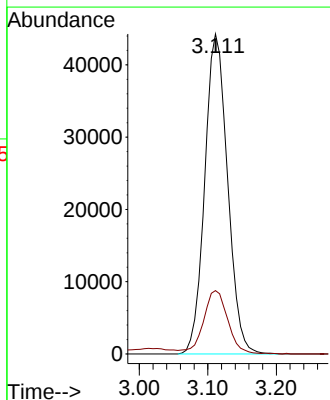
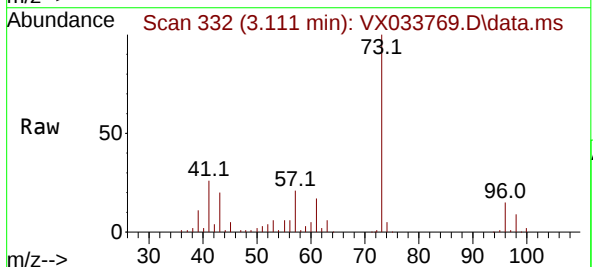
Manual Integrations
APPROVED

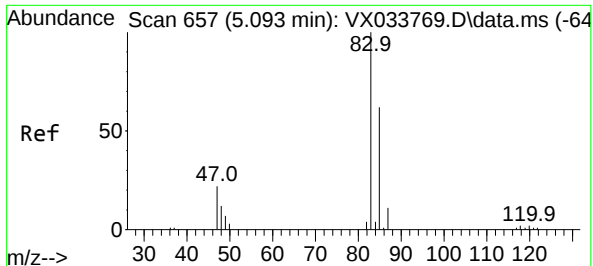
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 18.303 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 73 Resp: 102535
Ion Ratio Lower Upper
73 100
43 21.1 18.1 27.1





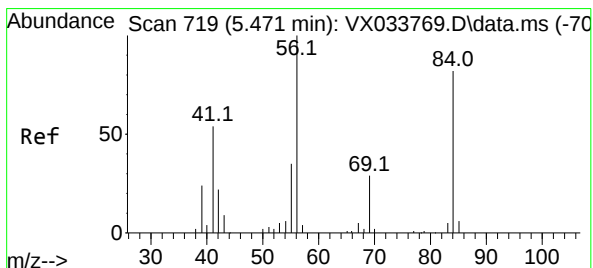
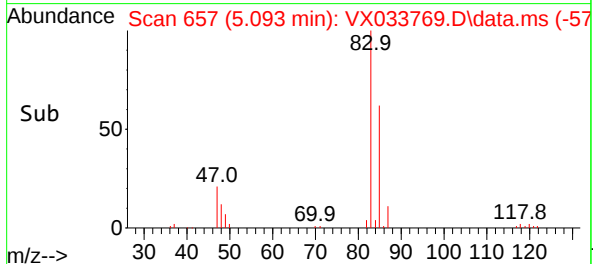
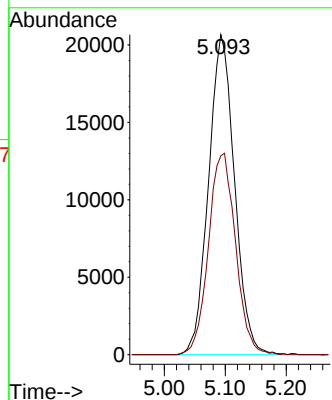
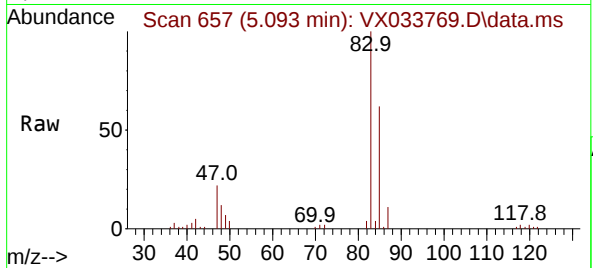
#25
Chloroform
Concen: 18.283 ug/l
RT: 5.093 min Scan# 613
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6130
Ion Ratio Lower Upper
83 100
85 62.1 53.9 80.9

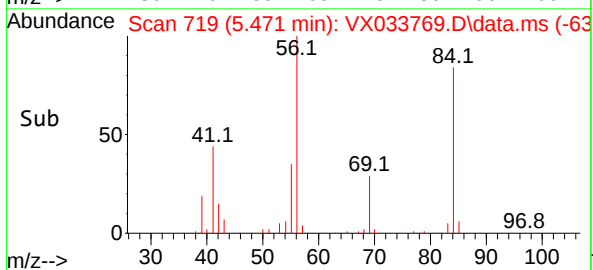
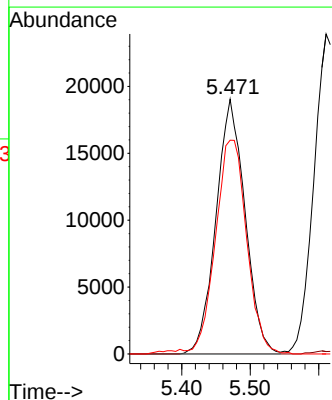
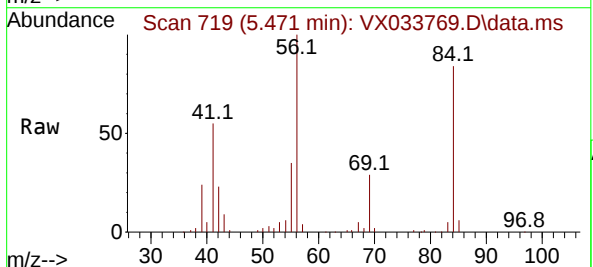
Manual Integrations
APPROVED

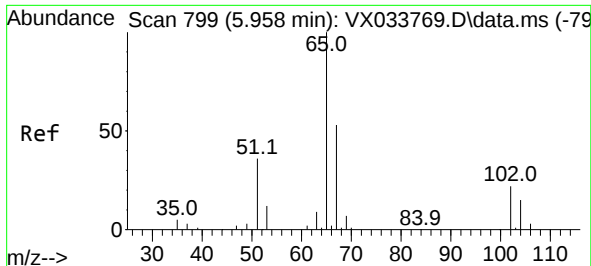
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 18.264 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

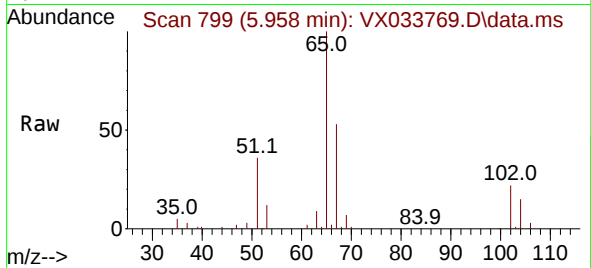
Tgt Ion: 56 Resp: 55996
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.0 70.8 106.2





#27
1,2-Dichloroethane-d4
Concen: 28.746 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

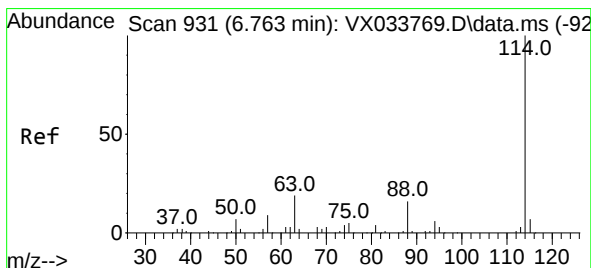
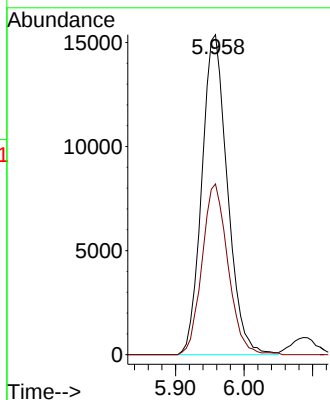
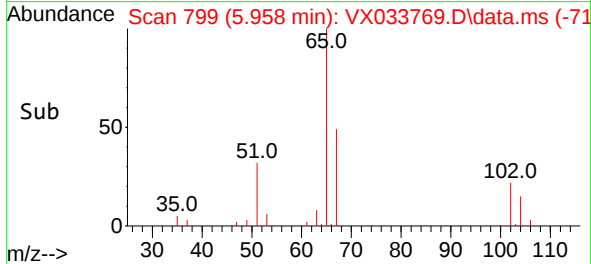
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 65 Resp: 3997
Ion Ratio Lower Upper
65 100
67 53.7 40.4 60.6

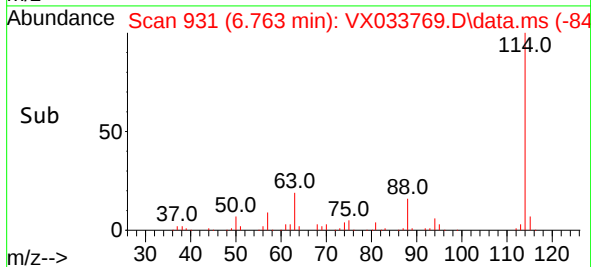
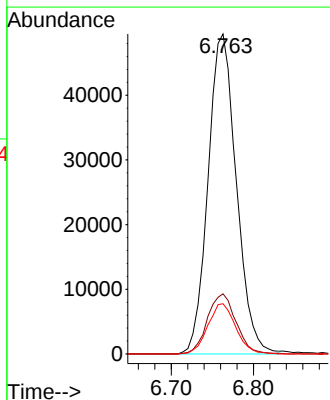
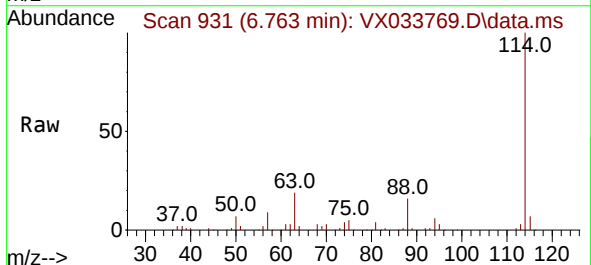
Manual Integrations
APPROVED

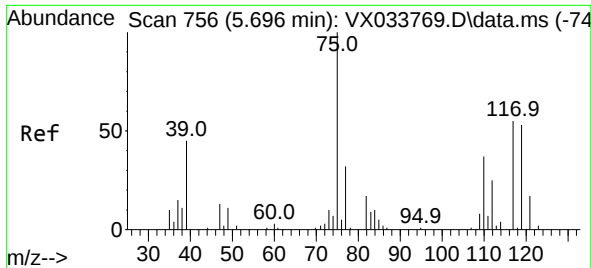
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:114 Resp: 118316
Ion Ratio Lower Upper
114 100
63 19.0 15.5 23.3
88 15.5 12.4 18.6





#29

1,1-Dichloropropene

Concen: 17.934 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 4586

Ion Ratio Lower Upper

75 100

110 37.9 0.0 71.4

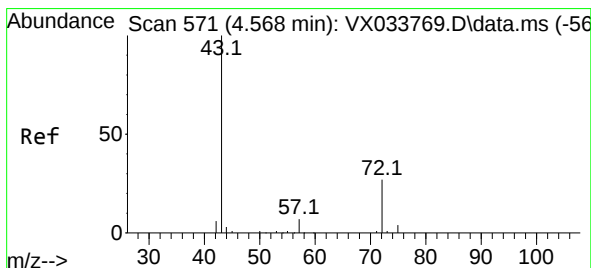
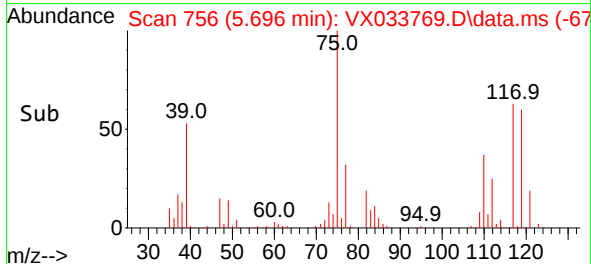
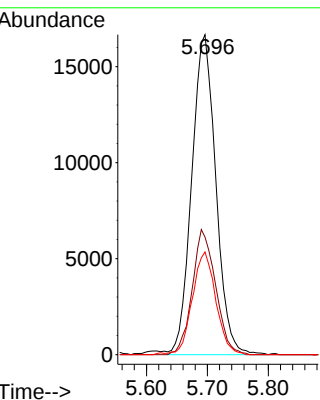
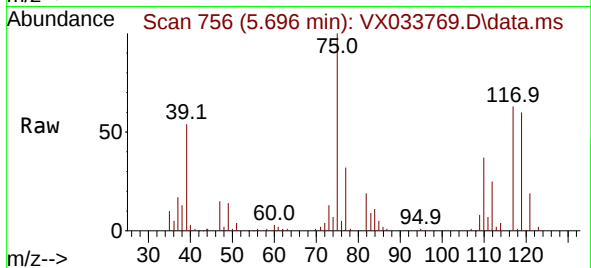
77 31.2 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#30

2-Butanone

Concen: 96.519 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

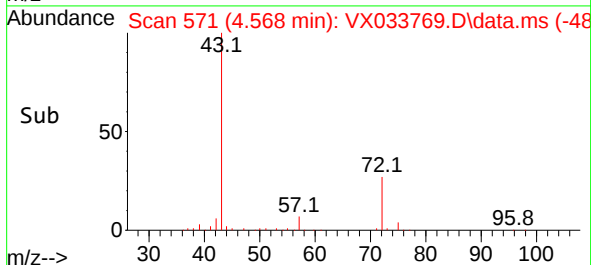
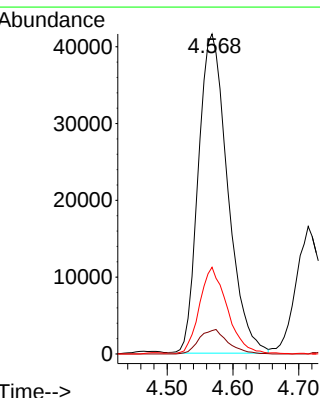
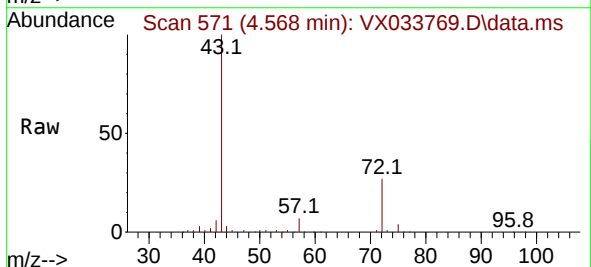
Tgt Ion: 43 Resp: 128907

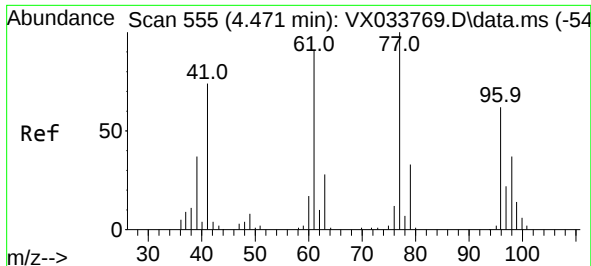
Ion Ratio Lower Upper

43 100

57 7.5 3.4 5.2

72 25.7 19.8 29.6





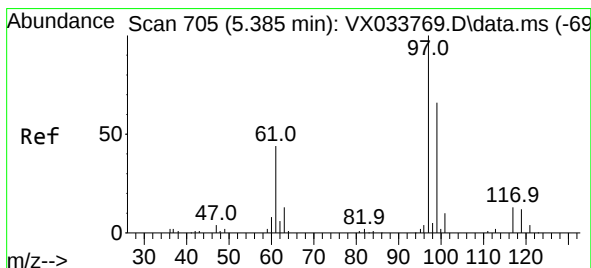
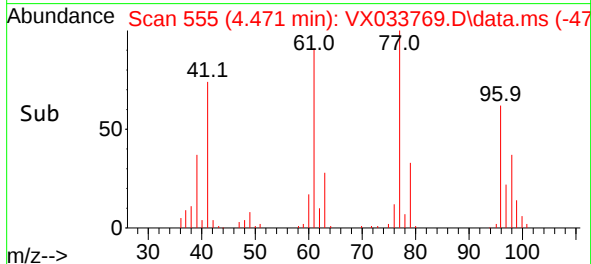
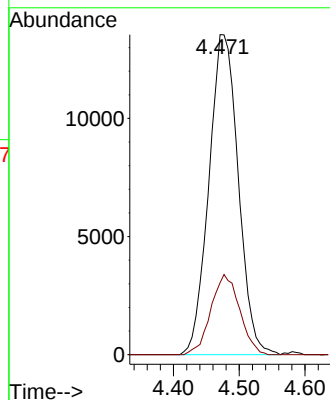
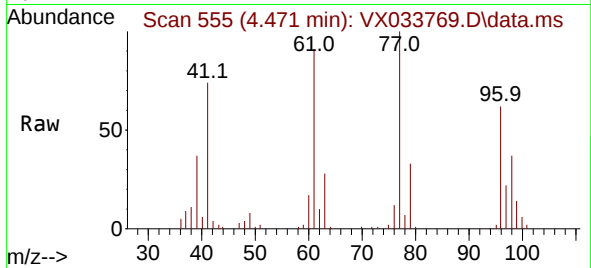
#31
2,2-Dichloropropane
Concen: 19.165 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 42200
Ion Ratio Lower Upper
77 100
97 24.5 19.0 28.6

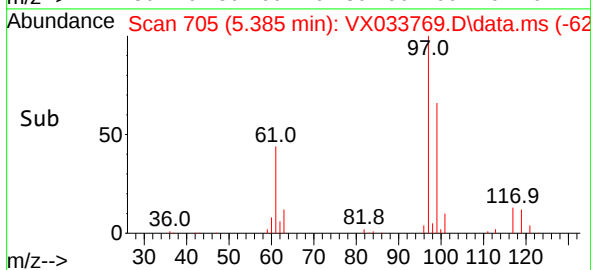
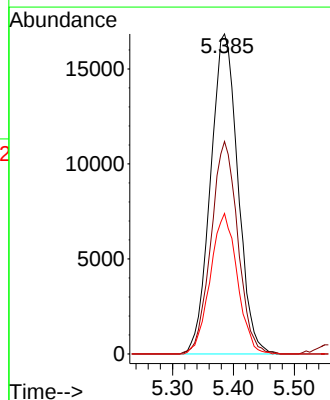
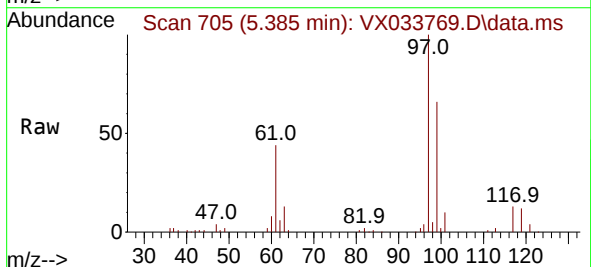
Manual Integrations
APPROVED

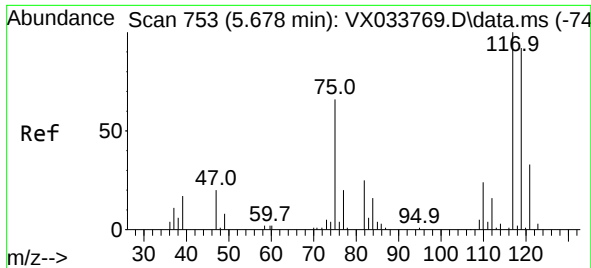
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 17.612 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

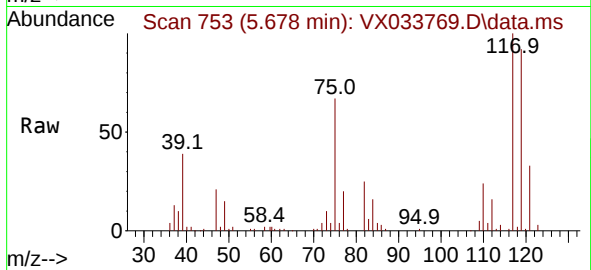
Tgt Ion: 97 Resp: 52585
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 43.4 35.4 53.2





#33
Carbon Tetrachloride
Concen: 17.569 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

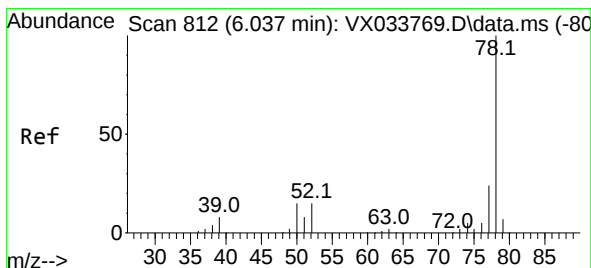
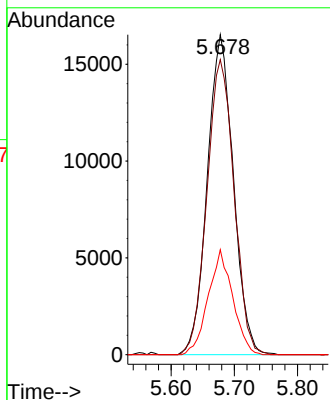
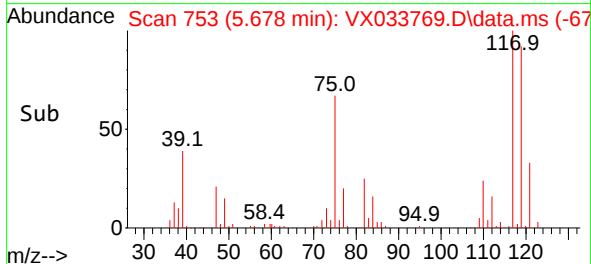
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



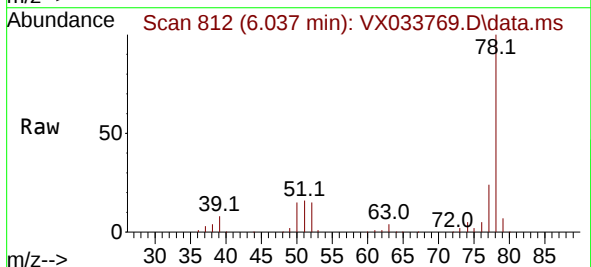
Tgt Ion:117 Resp: 47349
Ion Ratio Lower Upper
117 100
119 92.2 74.8 112.2
121 32.8 23.8 35.8

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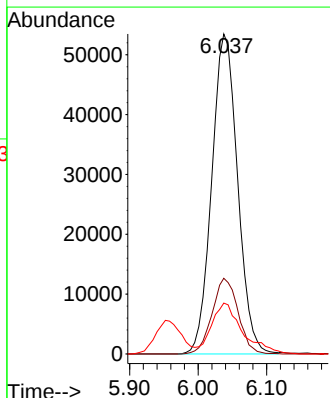
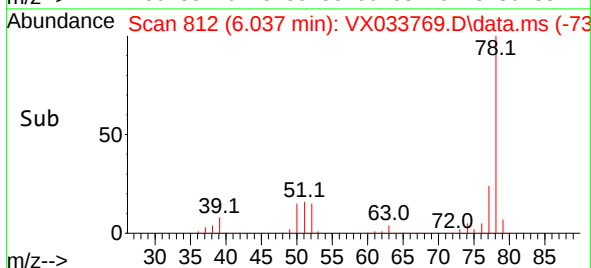
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

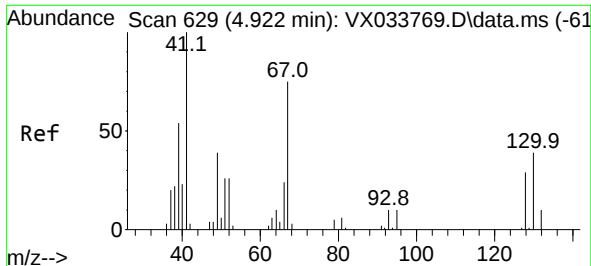


#34
Benzene
Concen: 18.850 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



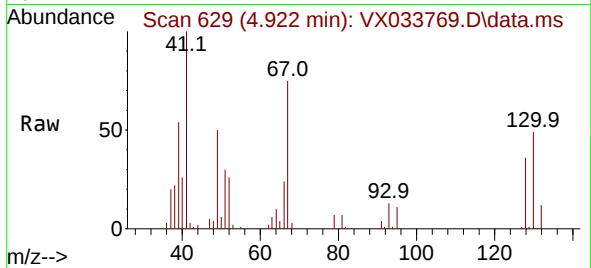
Tgt Ion: 78 Resp: 140054
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3
51 14.9 13.0 19.6





#35
Methacrylonitrile
Concen: 18.348 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

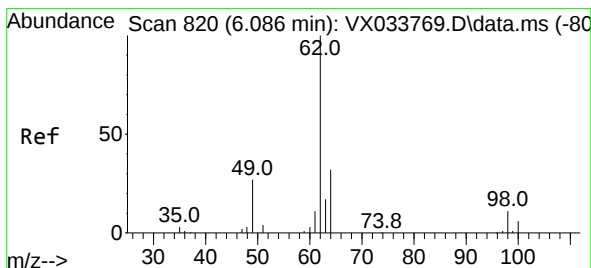
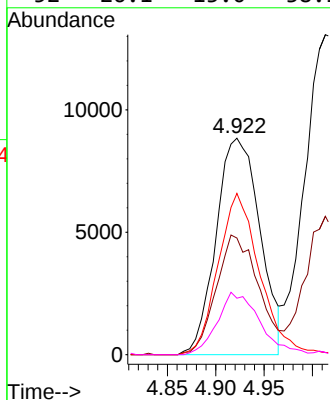
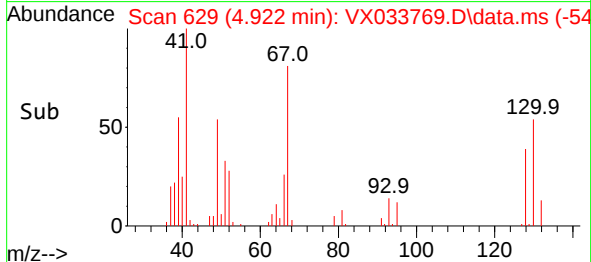
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 2792
Ion Ratio Lower Upper
41 100
39 53.9 28.6 85.9
67 74.5 34.8 104.3
52 26.1 13.0 38.9

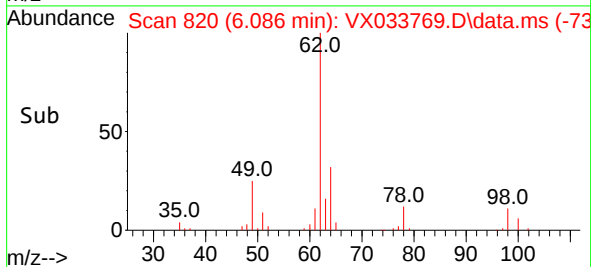
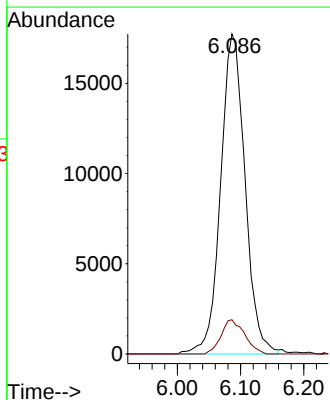
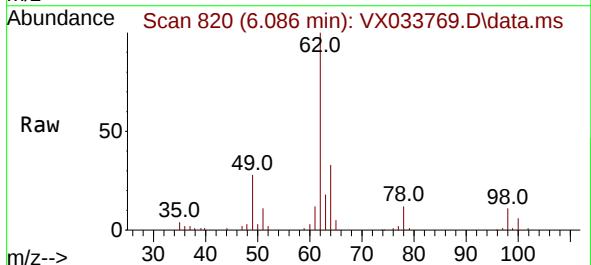
Manual Integrations
APPROVED

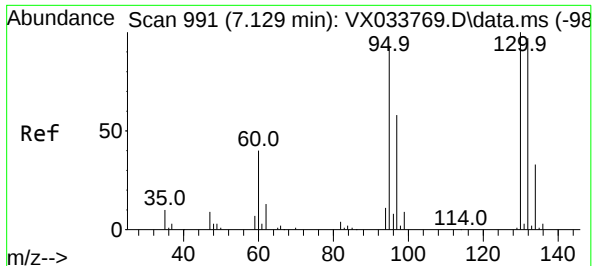
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#36
1,2-Dichloroethane
Concen: 17.592 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

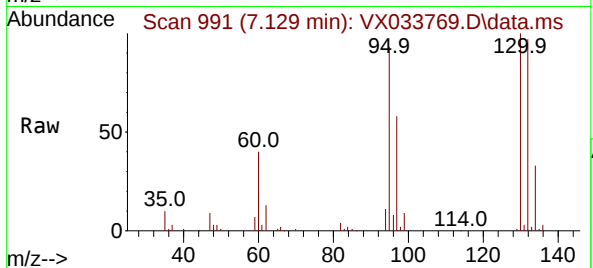
Tgt Ion: 62 Resp: 47513
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#37
Trichloroethene
Concen: 18.337 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

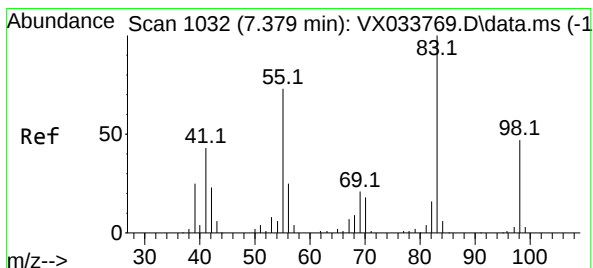
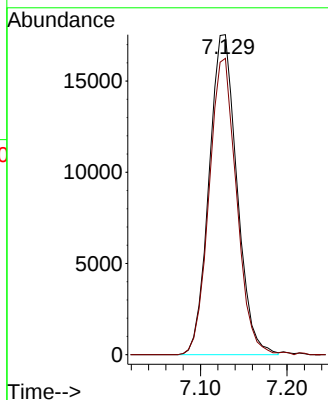
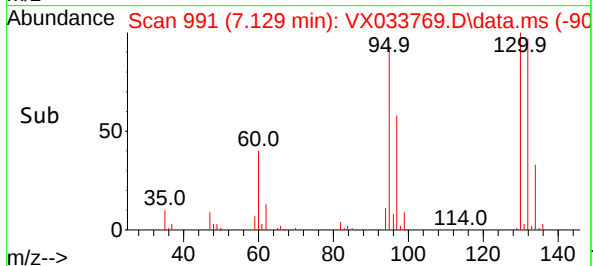
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



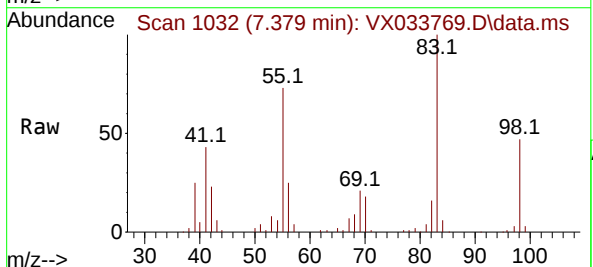
Tgt Ion:130 Resp: 39290
Ion Ratio Lower Upper
130 100
95 92.6 73.1 109.7

Manual Integrations
APPROVED

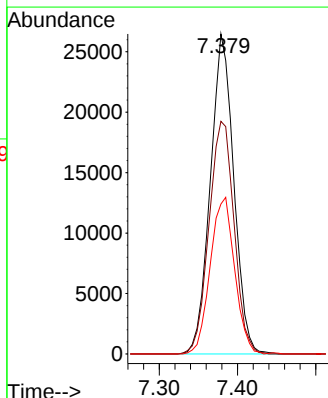
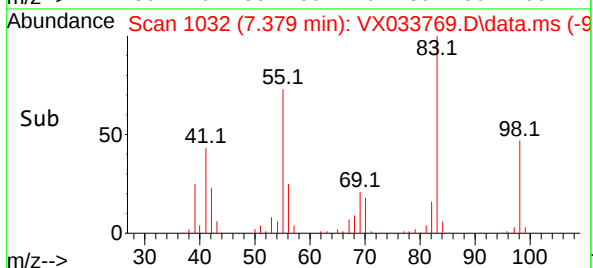
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

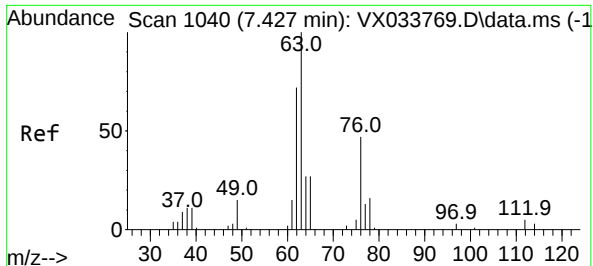


#38
Methylcyclohexane
Concen: 17.324 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



Tgt Ion: 83 Resp: 55091
Ion Ratio Lower Upper
83 100
55 77.7 38.6 115.7
98 50.9 25.3 75.8





#39

1,2-Dichloropropane

Concen: 17.140 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 3254

Ion Ratio Lower Upper

63 100

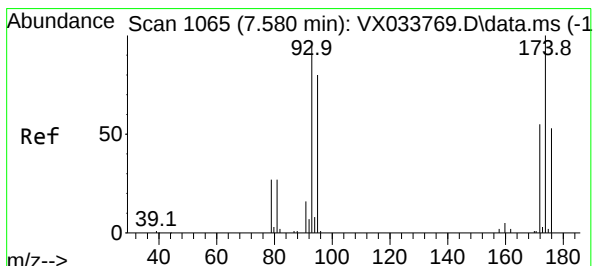
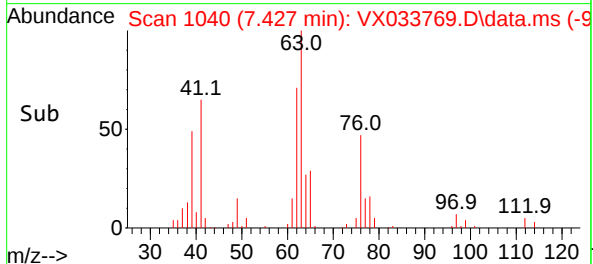
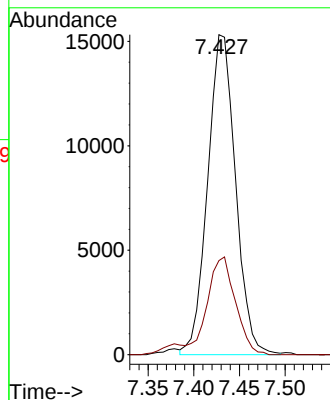
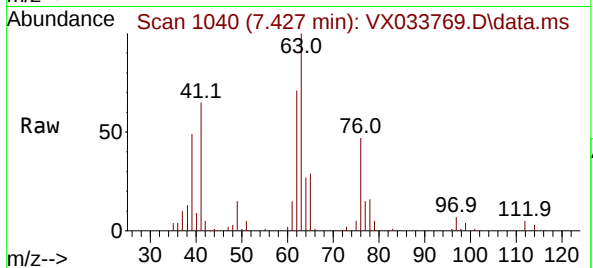
65 29.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 17.491 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

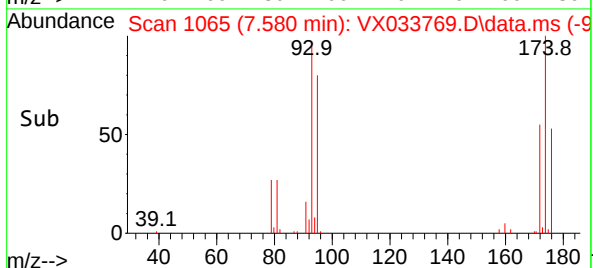
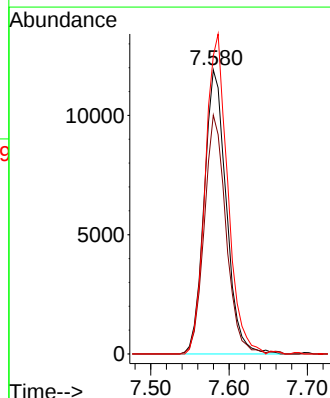
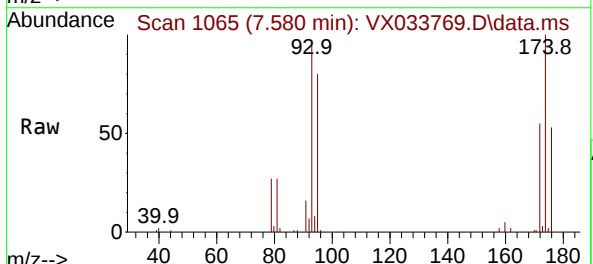
Tgt Ion: 93 Resp: 23340

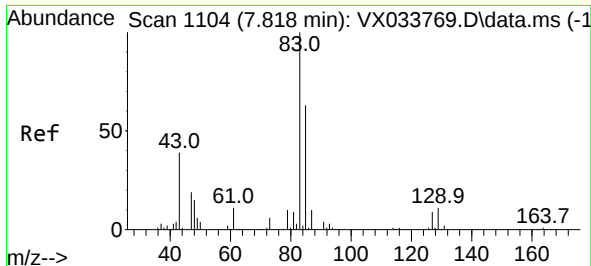
Ion Ratio Lower Upper

93 100

95 82.7 0.0 166.4

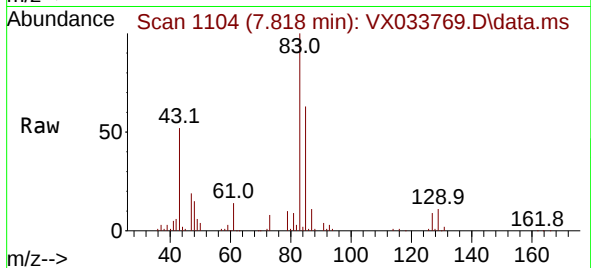
174 113.6 0.0 233.8





#41
Bromodichloromethane
Concen: 17.235 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

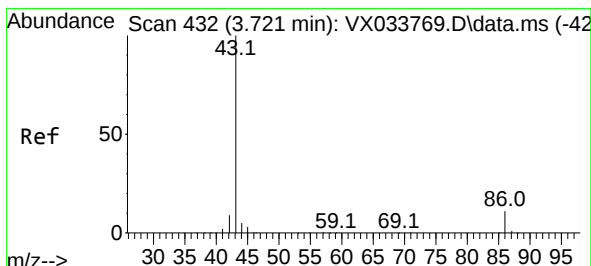
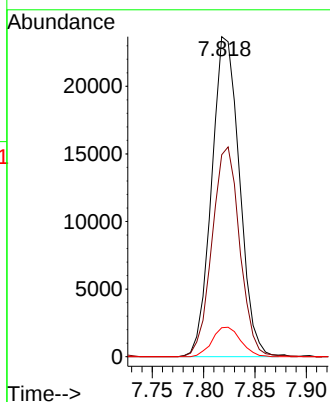
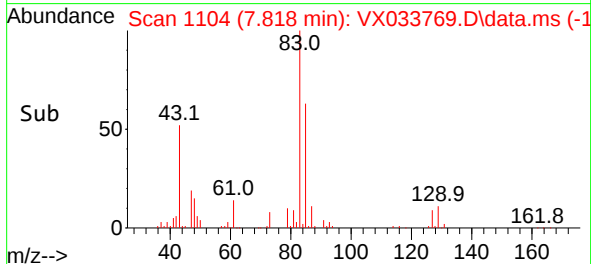
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 44609
Ion Ratio Lower Upper
83 100
85 63.1 52.0 78.0
127 9.0 7.4 11.0

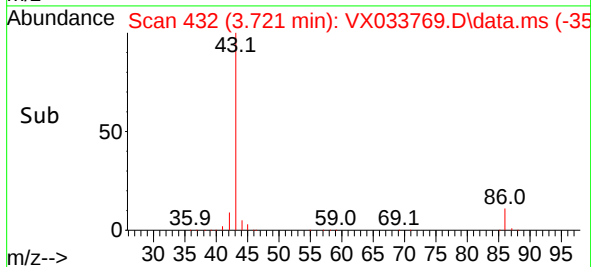
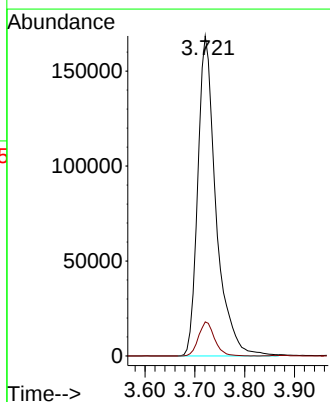
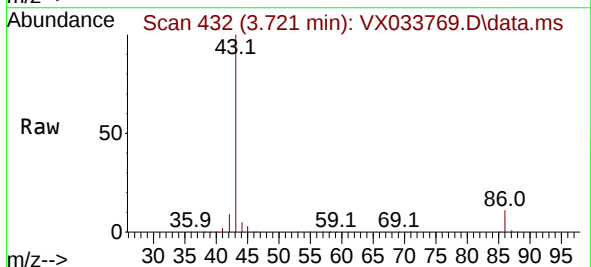
Manual Integrations
APPROVED

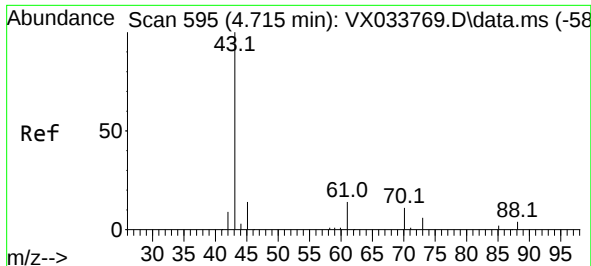
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 89.699 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

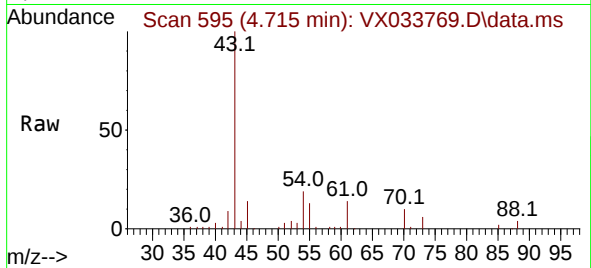
Tgt Ion: 43 Resp: 428114
Ion Ratio Lower Upper
43 100
86 9.4 7.2 10.8





#43
Ethyl Acetate
Concen: 17.721 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

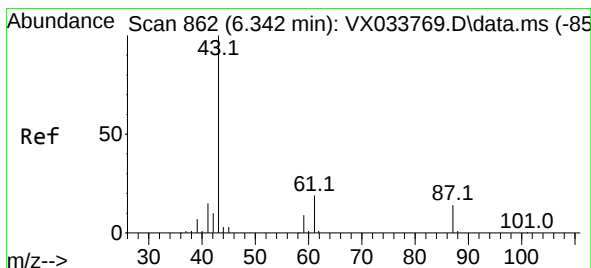
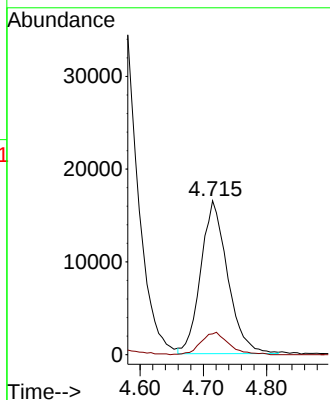
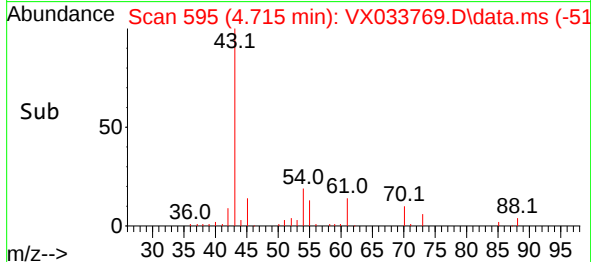
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



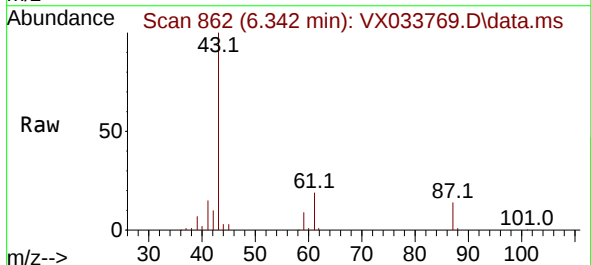
Tgt Ion: 43 Resp: 48490
Ion Ratio Lower Upper
43 100
45 15.1 11.2 16.8

Manual Integrations
APPROVED

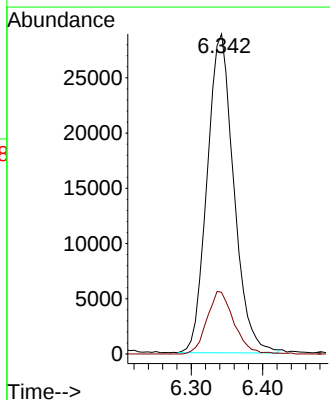
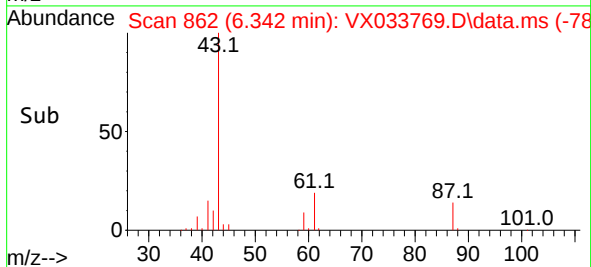
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

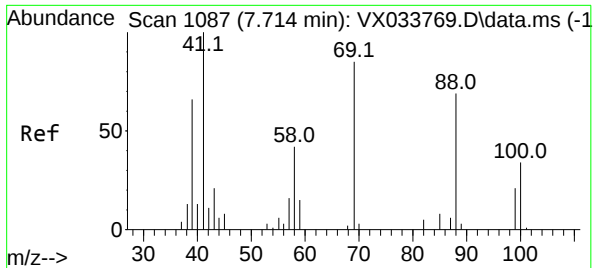


#44
Isopropyl Acetate
Concen: 17.417 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



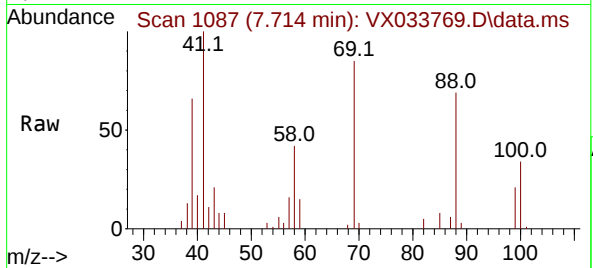
Tgt Ion: 43 Resp: 74779
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.2





#45
1,4-Dioxane
Concen: 343.889 ug/l m
RT: 7.714 min Scan# 1087
Delta R.T. -0.018 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

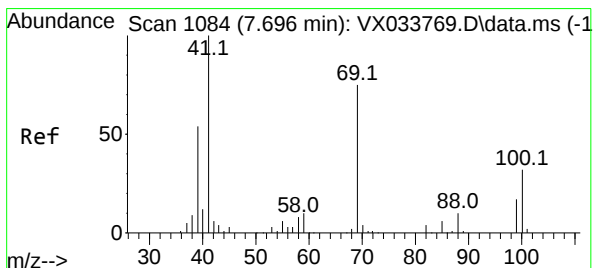
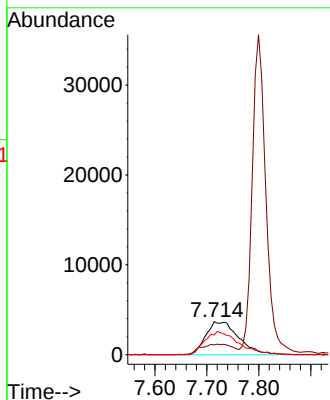
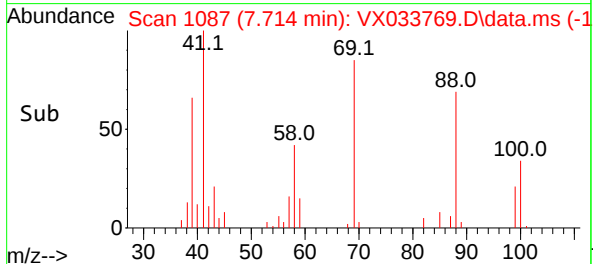
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



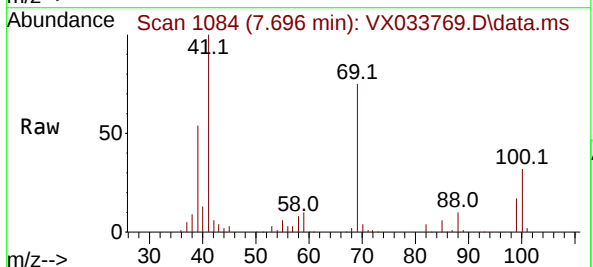
Tgt Ion: 88 Resp: 16108
Ion Ratio Lower Upper
88 100
43 3.5 1.2 1.8
58 70.6 8.5 12.7

Manual Integrations
APPROVED

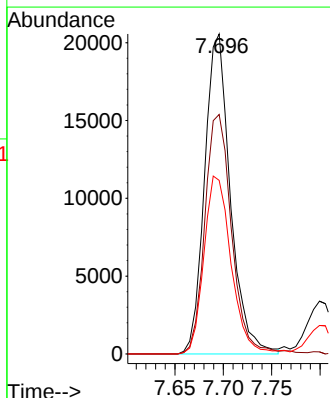
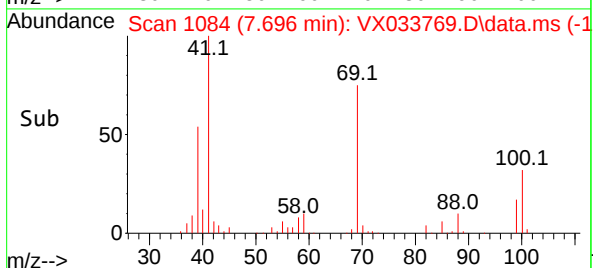
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

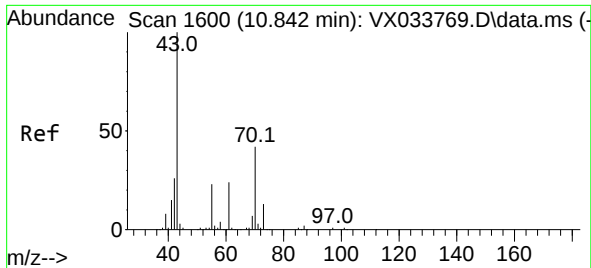


#46
Methyl methacrylate
Concen: 17.589 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



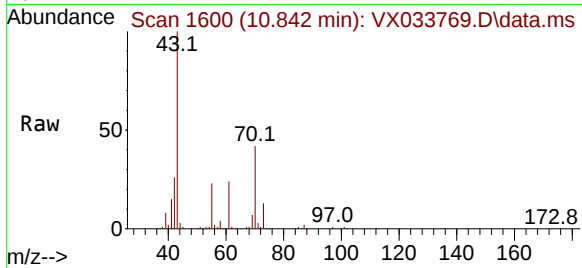
Tgt Ion: 41 Resp: 38235
Ion Ratio Lower Upper
41 100
69 74.8 39.1 117.3
39 54.3 27.7 83.0





#47
n-amy1 Acetate
Concen: 16.381 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

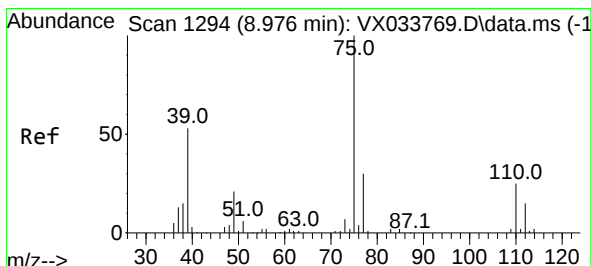
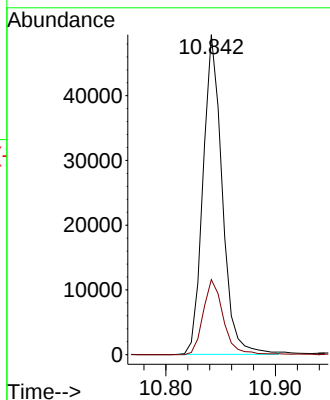
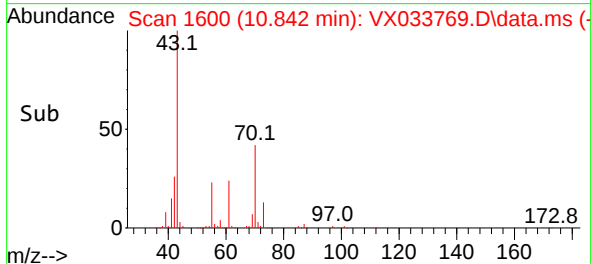
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 59880
Ion Ratio Lower Upper
43 100
55 24.7 19.3 28.9

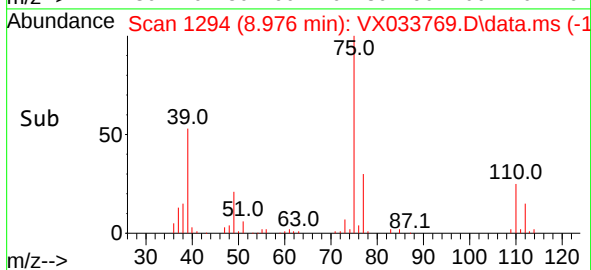
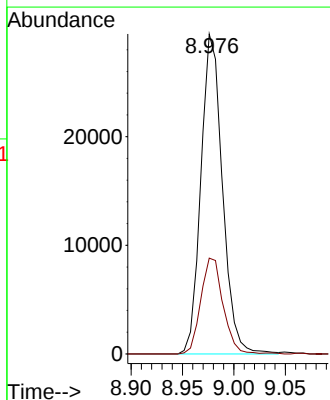
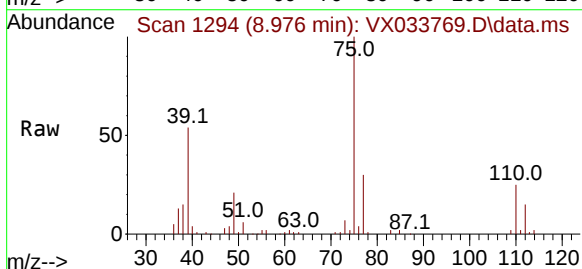
Manual Integrations
APPROVED

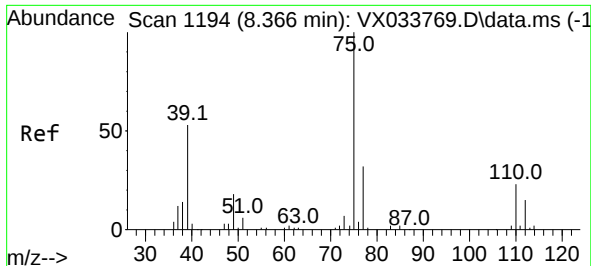
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#48
t-1,3-Dichloropropene
Concen: 16.270 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 75 Resp: 43029
Ion Ratio Lower Upper
75 100
77 30.0 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 17.566 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 51590

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

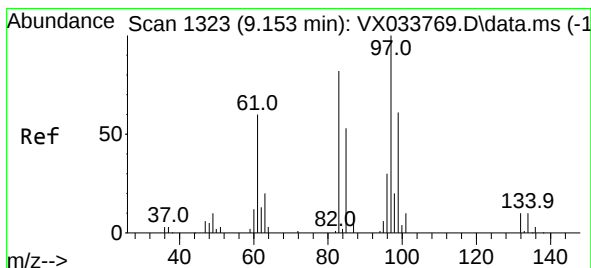
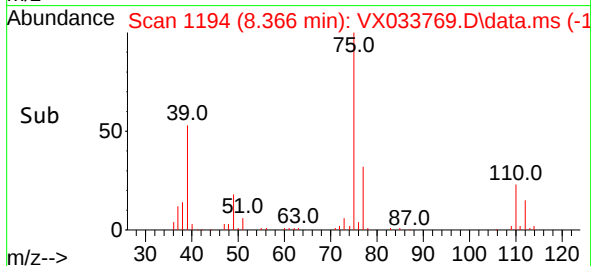
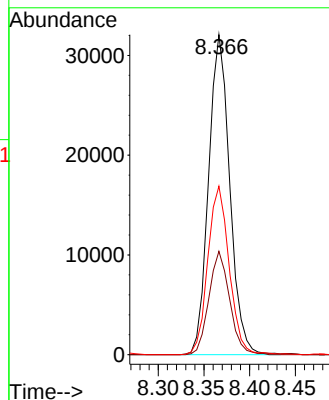
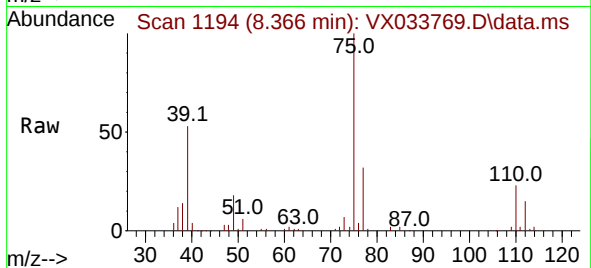
39 52.7 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 17.059 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion: 97 Resp: 33044

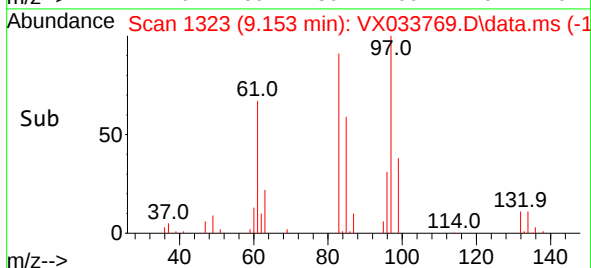
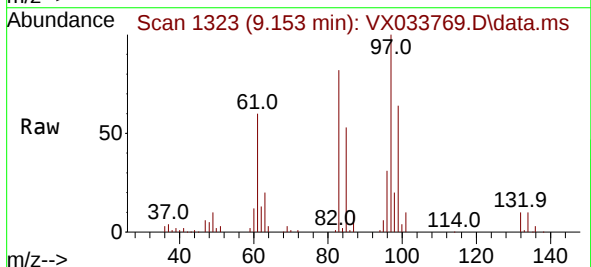
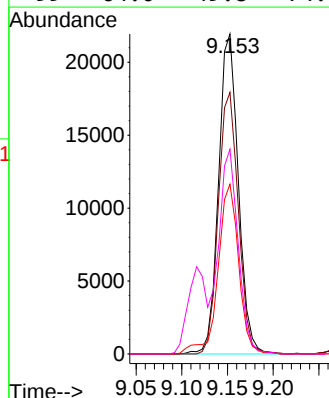
Ion Ratio Lower Upper

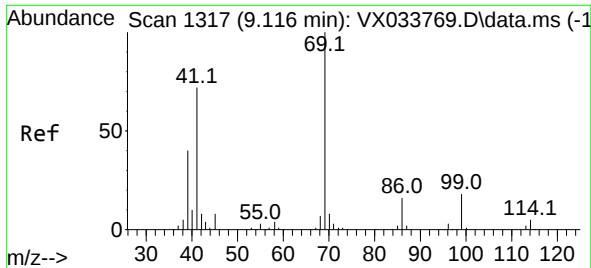
97 100

83 81.7 63.0 94.4

85 53.1 42.8 64.2

99 64.0 49.8 74.8





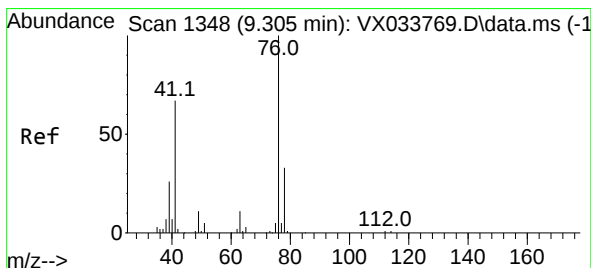
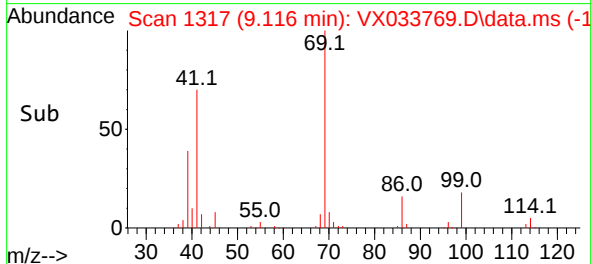
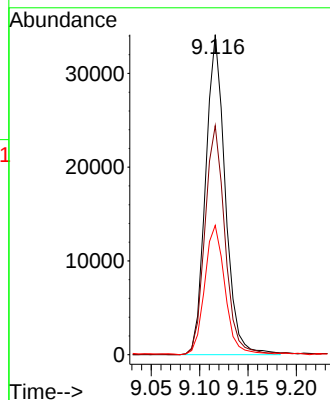
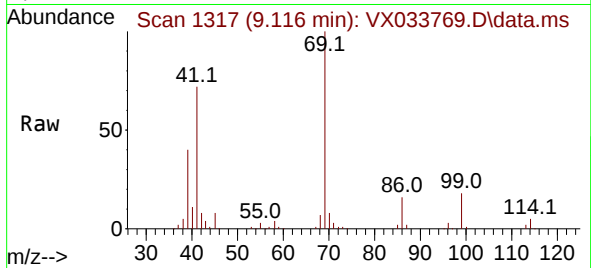
#51
Ethyl methacrylate
Concen: 16.730 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 48324
Ion Ratio Lower Upper
69 100
41 71.5 34.3 102.9
39 40.4 18.3 54.9

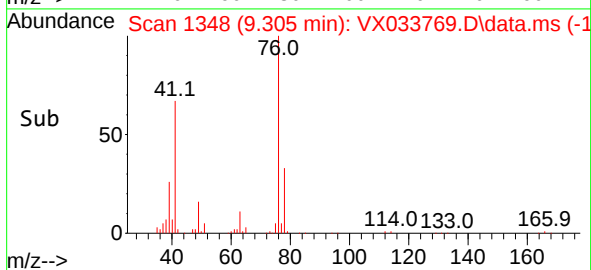
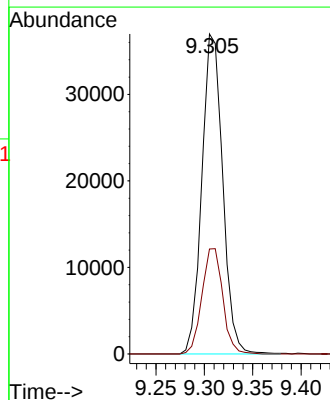
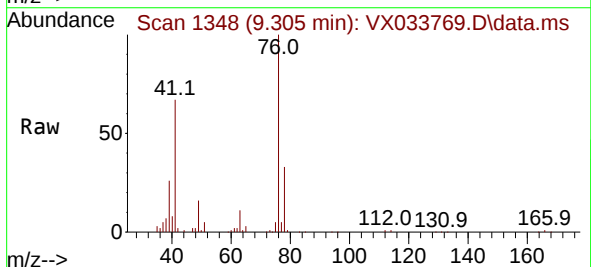
Manual Integrations
APPROVED

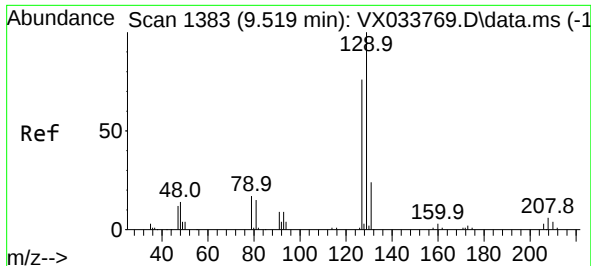
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
1,3-Dichloropropane
Concen: 17.120 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

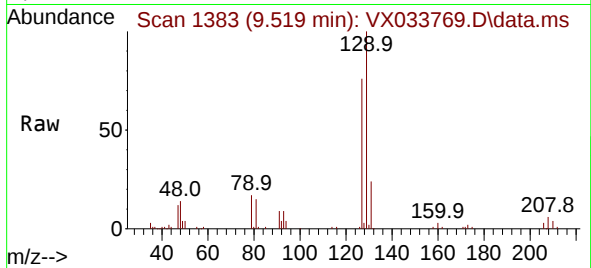
Tgt Ion: 76 Resp: 55544
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.6





#53
Dibromochloromethane
Concen: 16.606 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

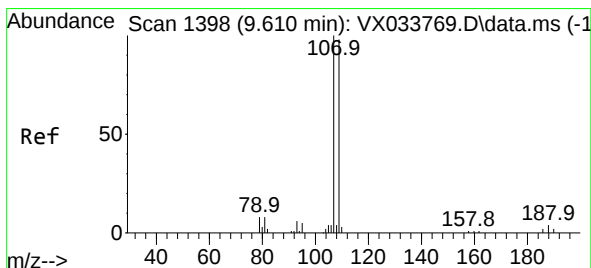
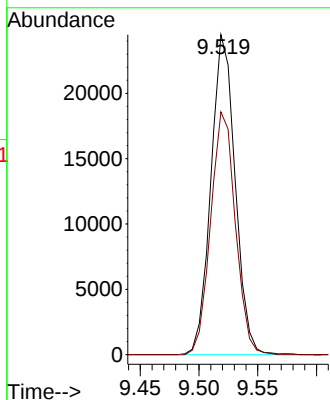
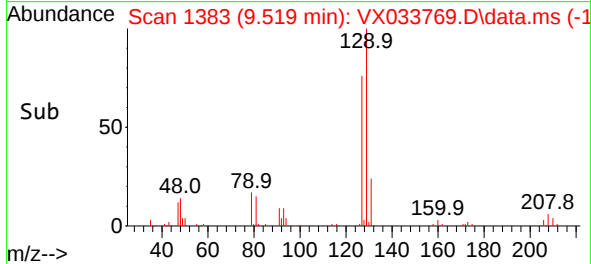
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 35060
Ion Ratio Lower Upper
129 100
127 77.3 39.8 119.4

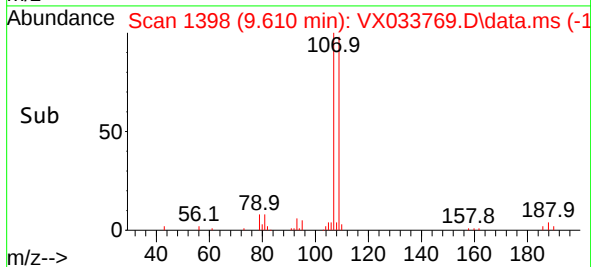
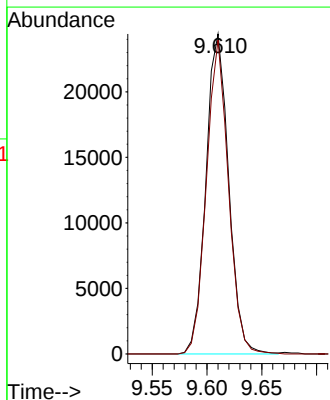
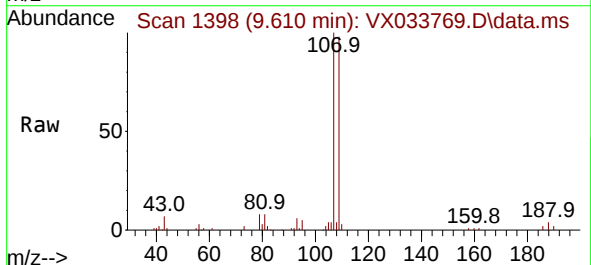
Manual Integrations
APPROVED

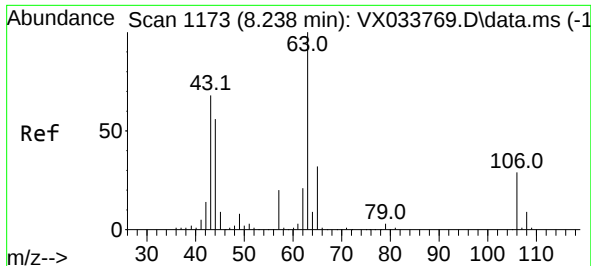
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 17.046 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:107 Resp: 35287
Ion Ratio Lower Upper
107 100
109 94.6 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 84.535 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 11804

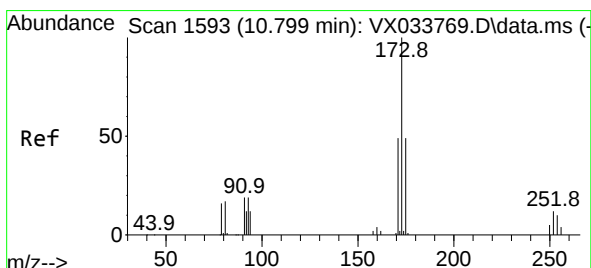
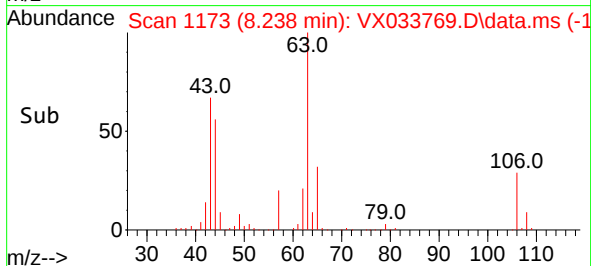
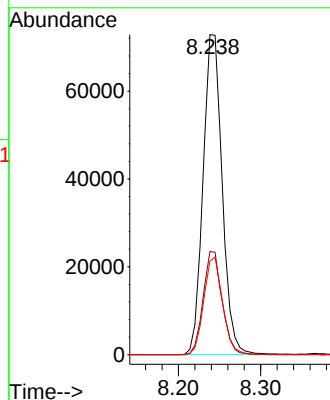
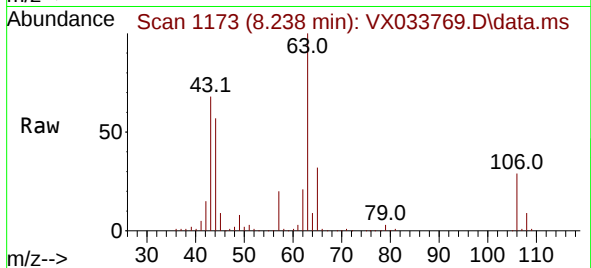
Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.2	39.4
106	29.9	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#56

Bromoform

Concen: 17.417 ug/l

RT: 10.799 min Scan# 1593

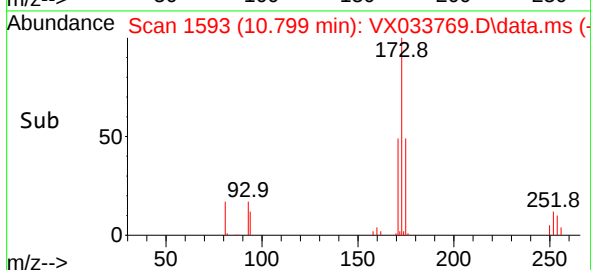
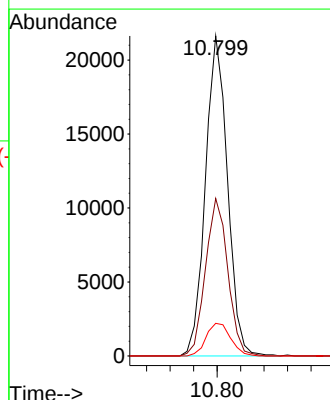
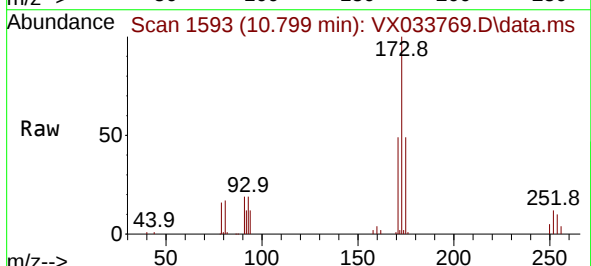
Delta R.T. -0.000 min

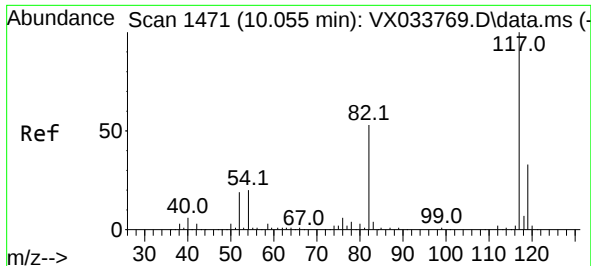
Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion:173 Resp: 28233

Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.2	57.4
254	11.3	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: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

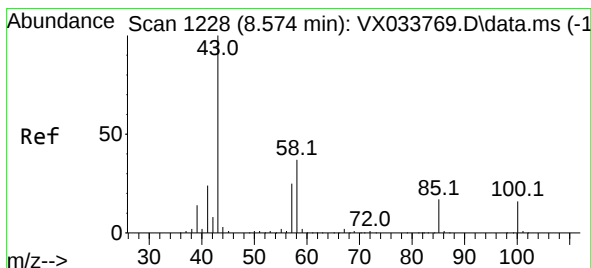
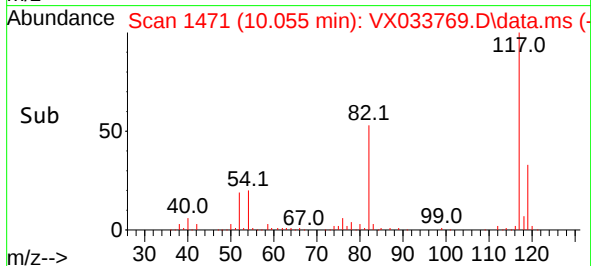
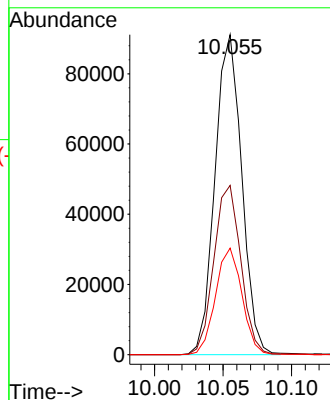
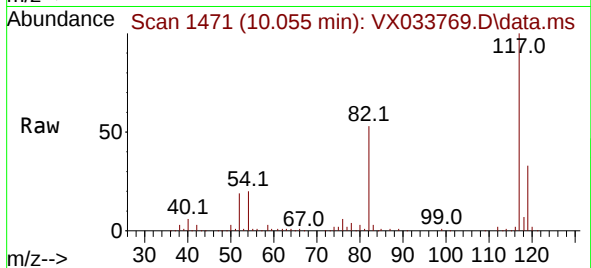
Tgt Ion:	117	Resp:	12399
Ion Ratio	Lower	Upper	
117	100		
82	53.3	41.9	62.9
119	33.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 96.894 ug/l

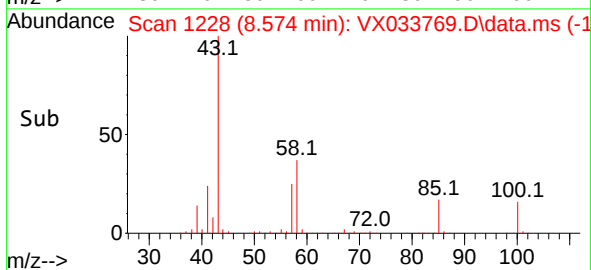
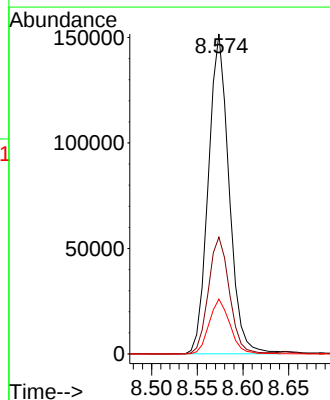
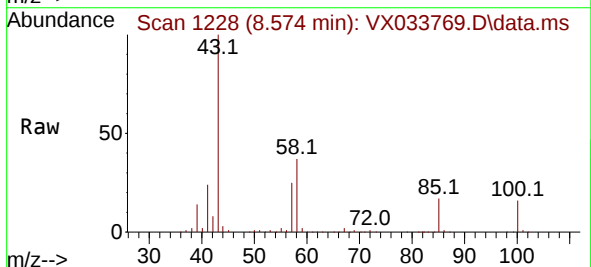
RT: 8.574 min Scan# 1228

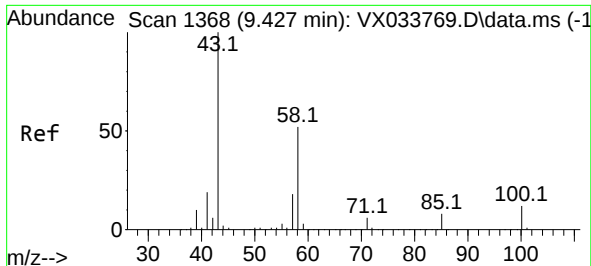
Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion:	43	Resp:	238663
Ion Ratio	Lower	Upper	
43	100		
58	37.2	30.2	45.4
85	17.1	13.8	20.8





#59

2-Hexanone

Concen: 98.641 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 17881

Ion Ratio Lower Upper

43 100

58 52.0 42.9 64.3

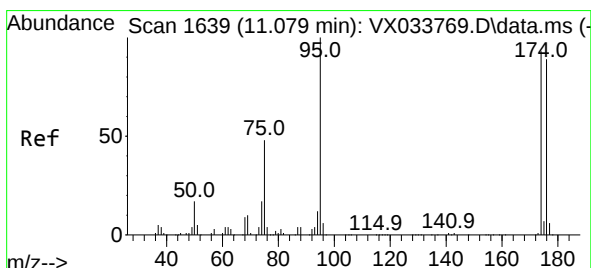
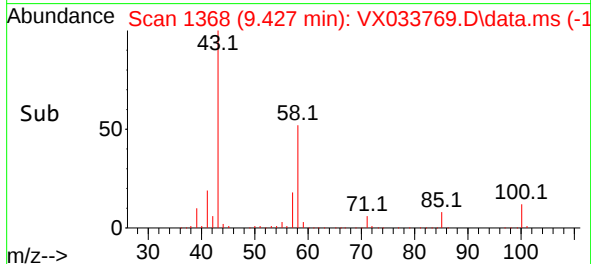
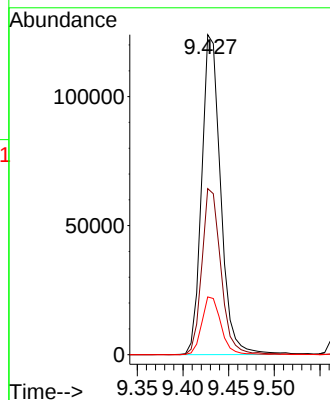
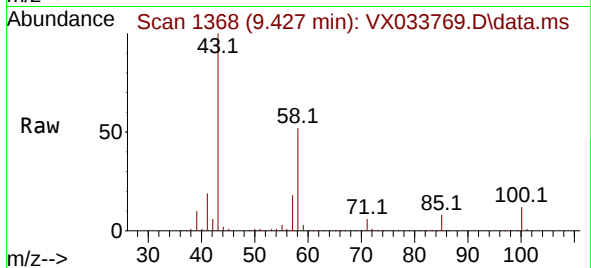
57 18.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#60

4-Bromofluorobenzene

Concen: 30.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

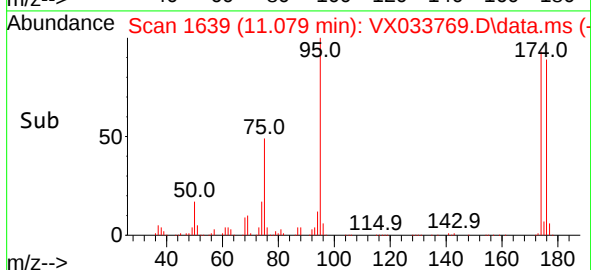
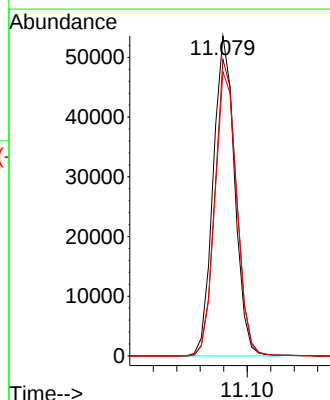
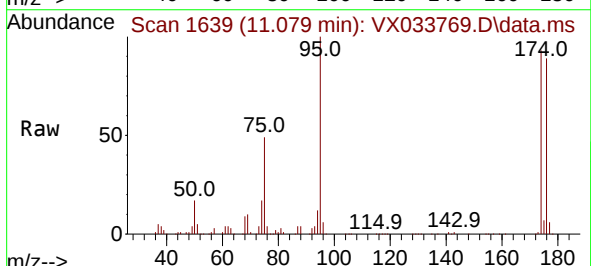
Tgt Ion: 95 Resp: 68207

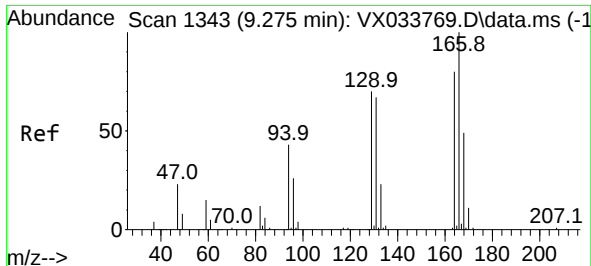
Ion Ratio Lower Upper

95 100

174 93.2 73.7 110.5

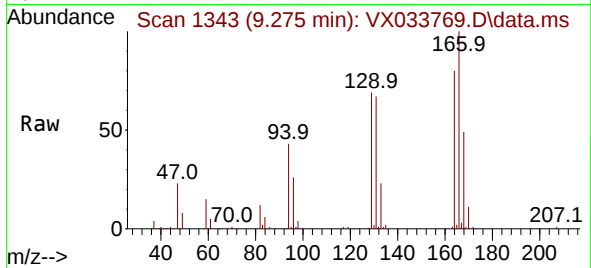
176 90.2 71.0 106.4





#61
Tetrachloroethene
Concen: 17.623 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

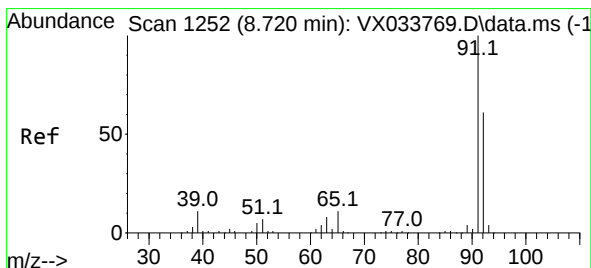
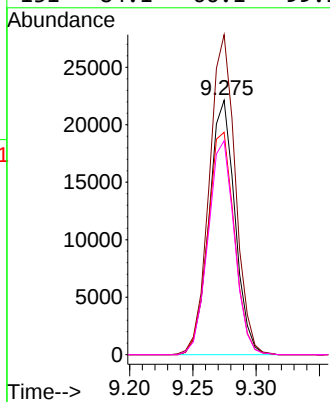
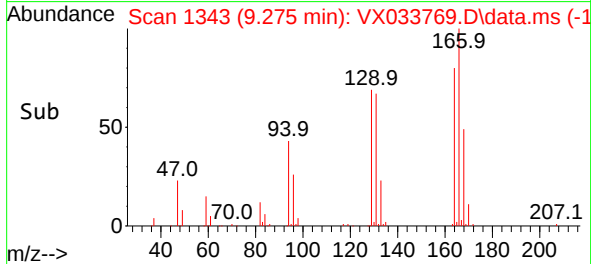
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 31529
Ion Ratio Lower Upper
164 100
166 125.8 100.2 150.4
129 87.4 68.8 103.2
131 84.1 66.1 99.1

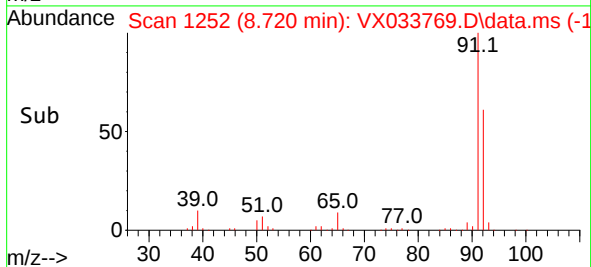
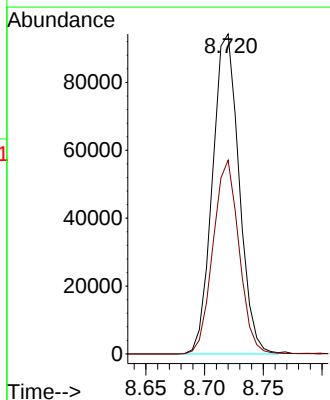
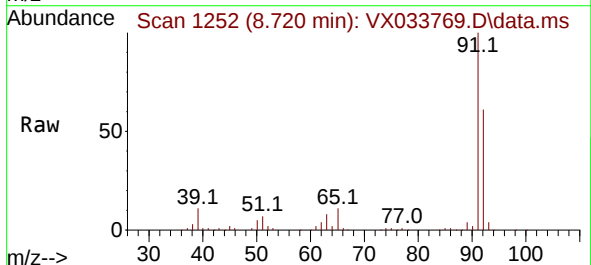
Manual Integrations
APPROVED

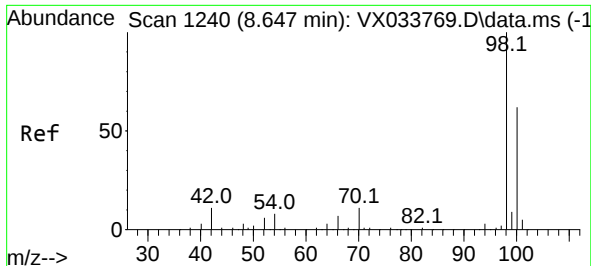
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 19.016 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

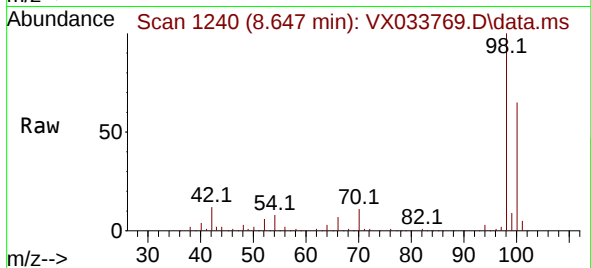
Tgt Ion: 91 Resp: 148430
Ion Ratio Lower Upper
91 100
92 59.4 45.8 68.8





#63
Toluene-d8
Concen: 30.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

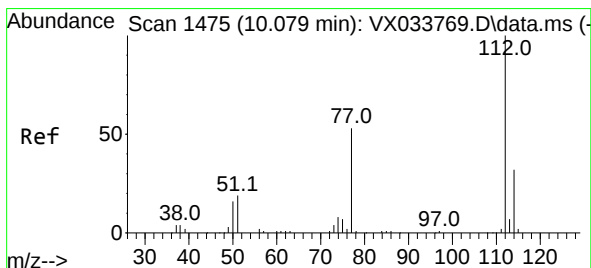
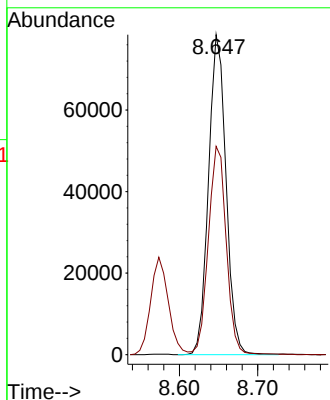
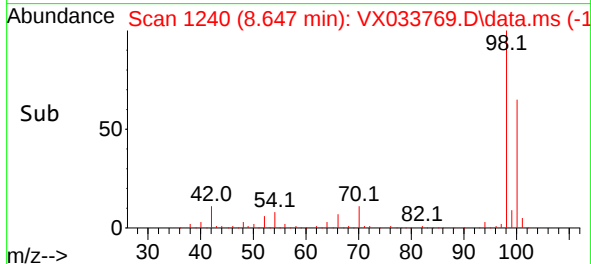
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



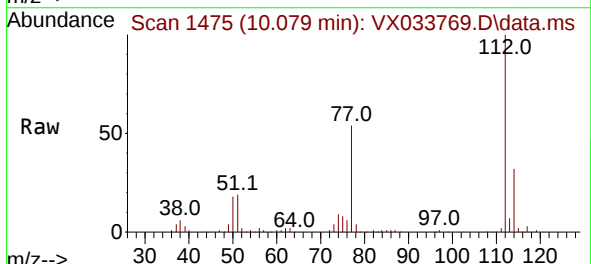
Tgt Ion: 98 Resp: 121654
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

Manual Integrations
APPROVED

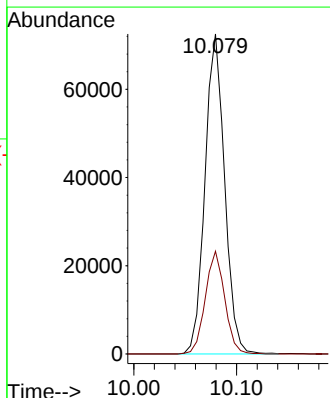
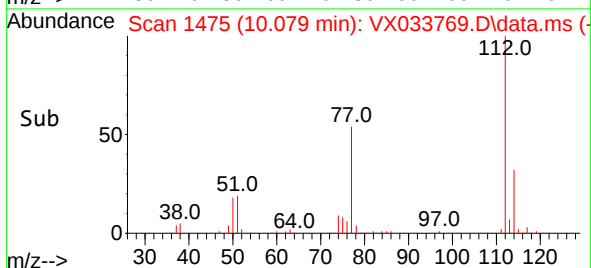
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

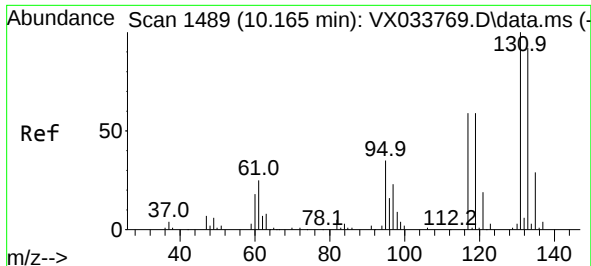


#64
Chlorobenzene
Concen: 19.158 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



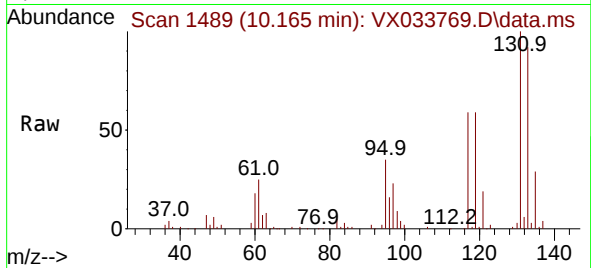
Tgt Ion:112 Resp: 96311
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.067 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

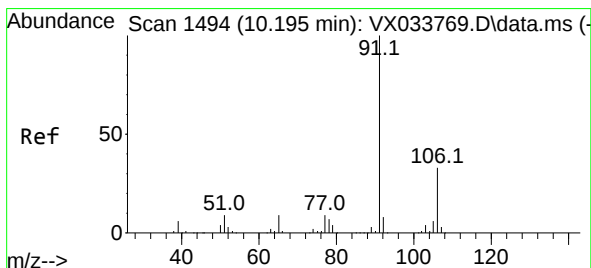
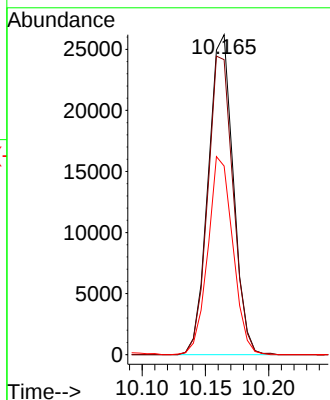
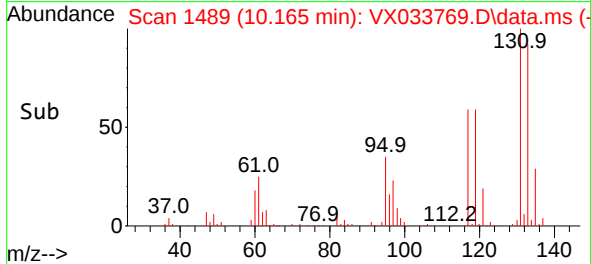
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 36070
Ion Ratio Lower Upper
131 100
133 94.4 0.0 187.6
119 61.7 0.0 124.0

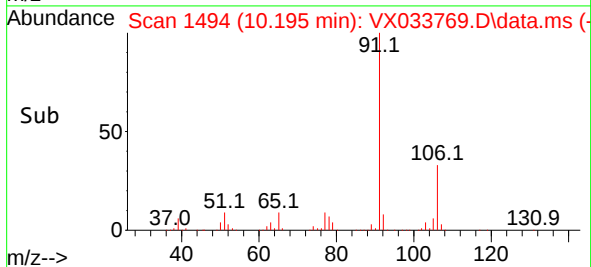
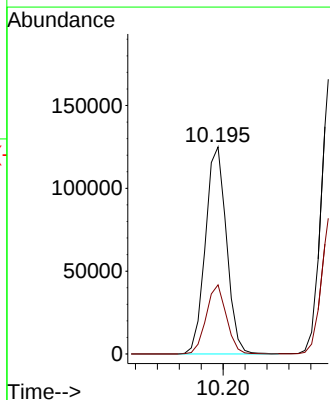
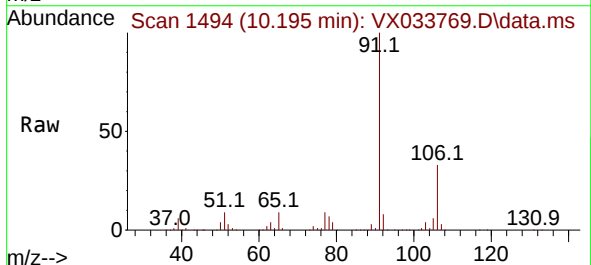
Manual Integrations
APPROVED

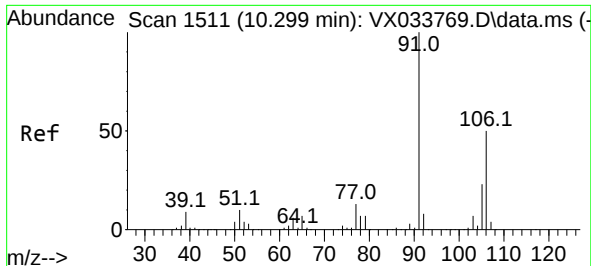
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 19.186 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 91 Resp: 167007
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8





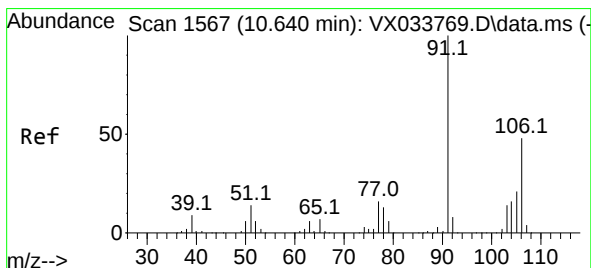
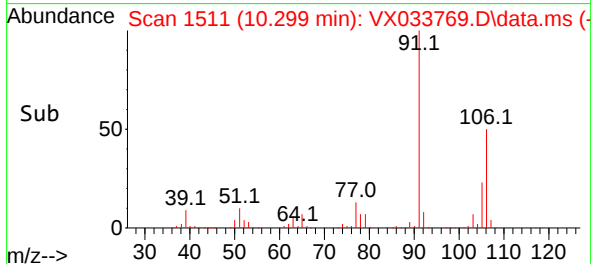
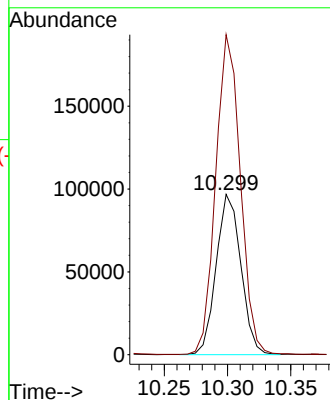
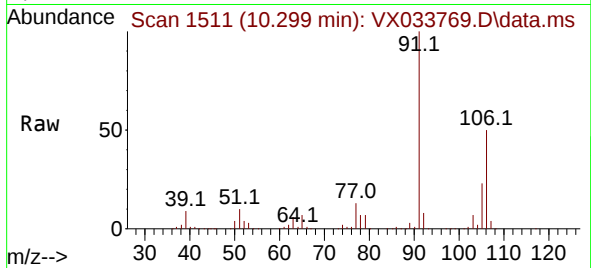
#67
m/p-Xylenes
Concen: 38.262 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 13145
Ion Ratio Lower Upper
106 100
91 199.6 157.3 235.9

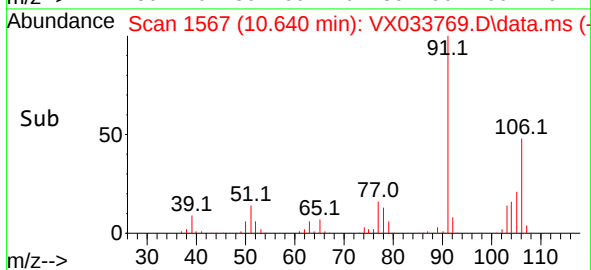
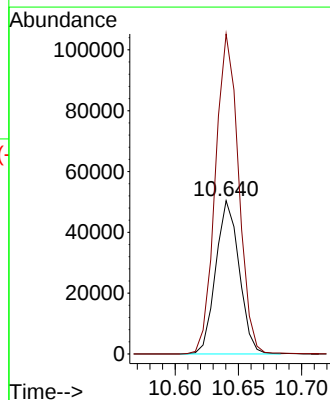
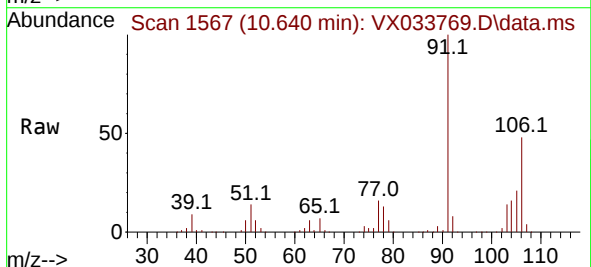
Manual Integrations
APPROVED

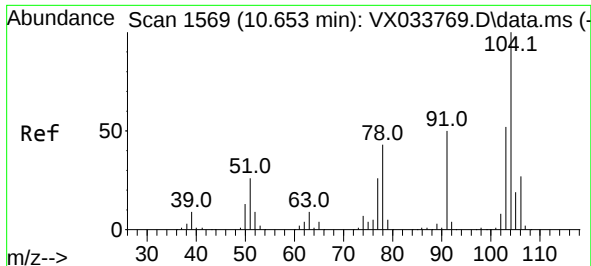
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 19.212 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

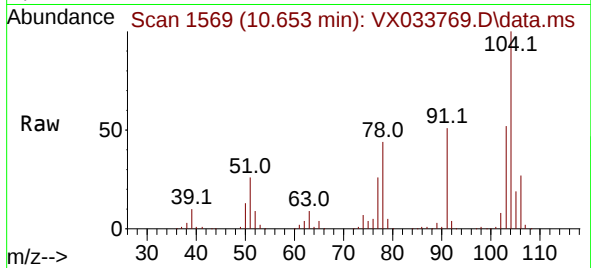
Tgt Ion:106 Resp: 64875
Ion Ratio Lower Upper
106 100
91 205.7 104.6 313.8





#69
Styrene
Concen: 19.223 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

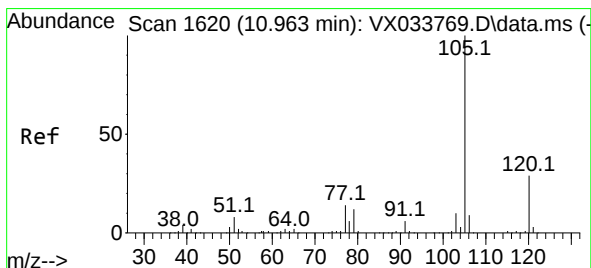
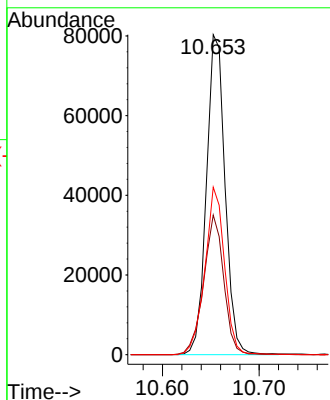
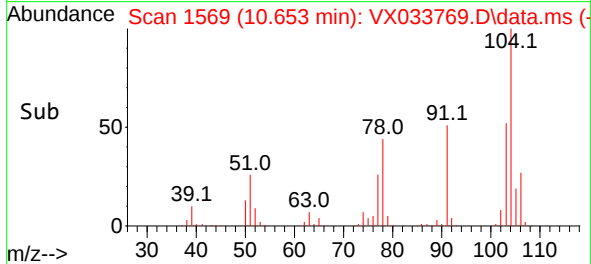
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



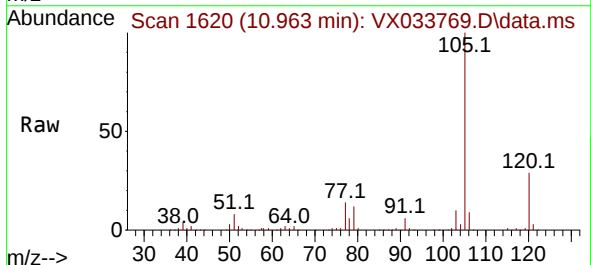
Tgt Ion:104 Resp: 107434
Ion Ratio Lower Upper
104 100
78 47.0 39.3 58.9
103 55.3 43.2 64.8

Manual Integrations
APPROVED

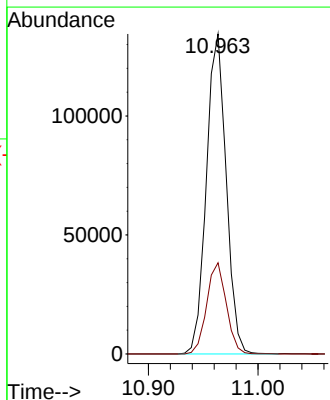
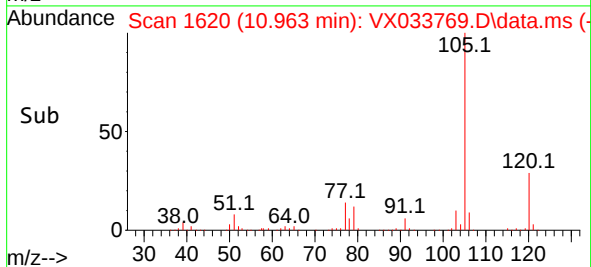
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

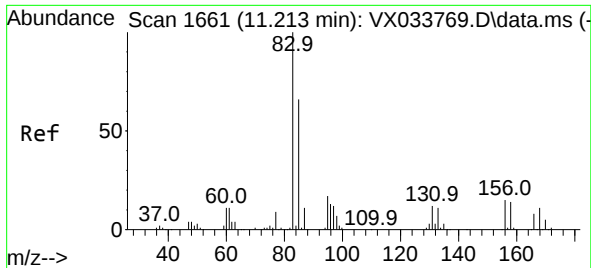


#70
Isopropylbenzene
Concen: 19.292 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



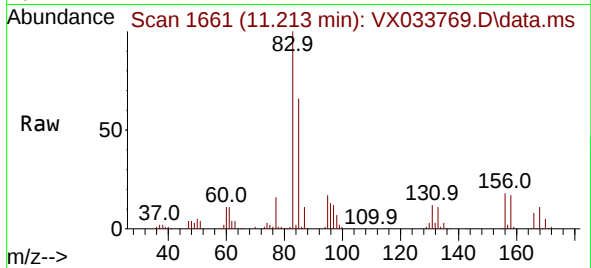
Tgt Ion:105 Resp: 168714
Ion Ratio Lower Upper
105 100
120 28.1 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 18.961 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

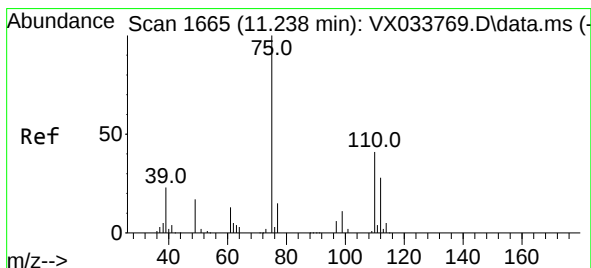
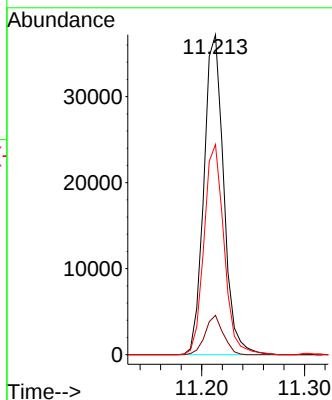
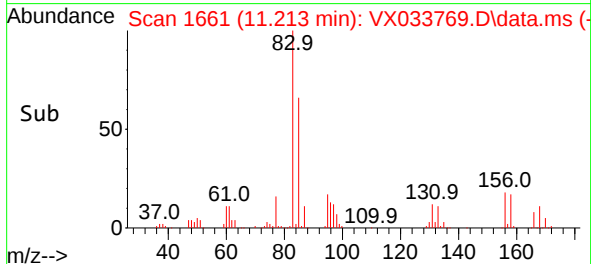
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



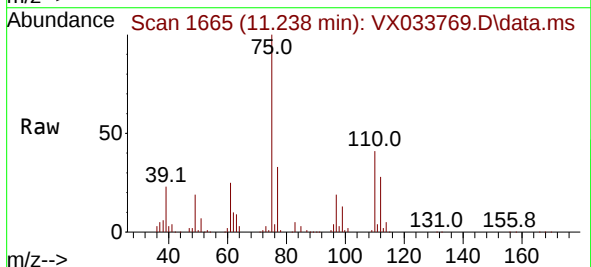
Tgt Ion: 83 Resp: 49928
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 66.5 32.4 97.0

Manual Integrations
APPROVED

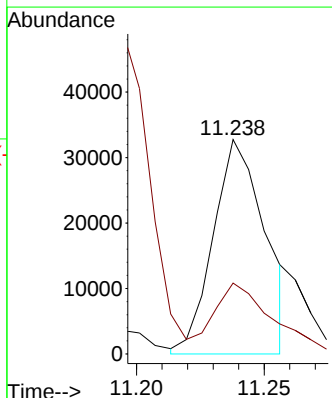
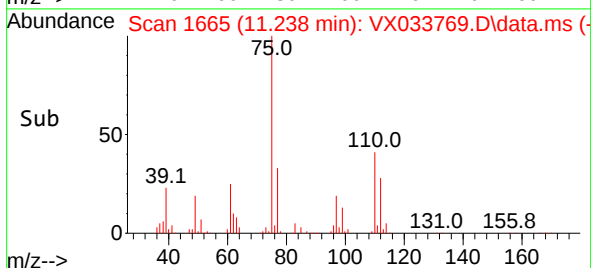
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

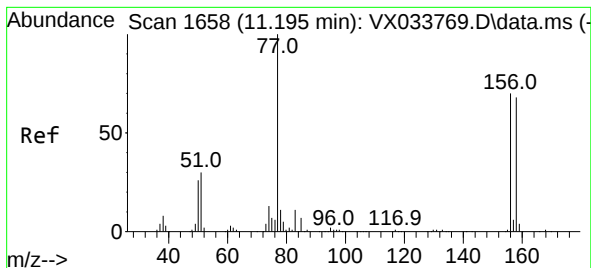


#72
1,2,3-Trichloropropane
Concen: 19.347 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01



Tgt Ion: 75 Resp: 46151
Ion Ratio Lower Upper
75 100
77 37.8 0.0 74.6





#73

Bromobenzene

Concen: 19.835 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

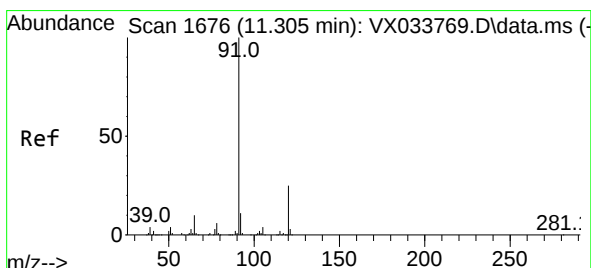
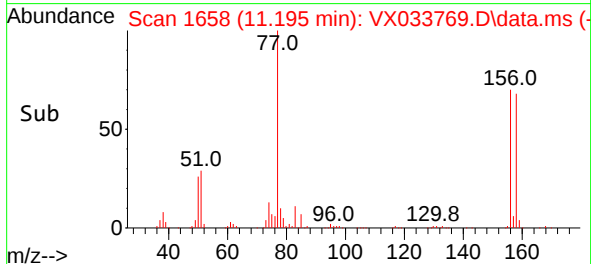
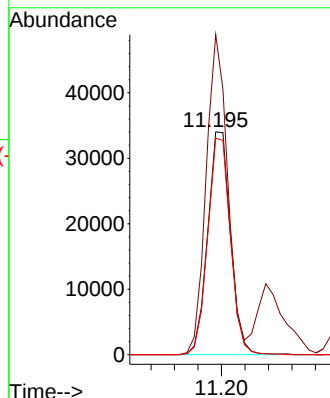
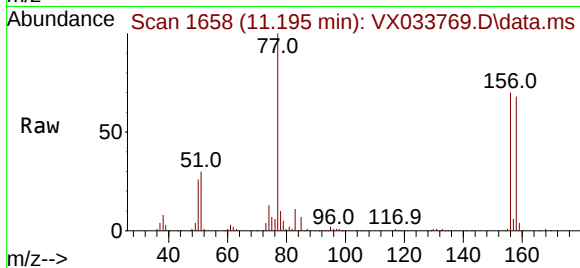
Tgt Ion:	156	Resp:	45908
Ion Ratio	Lower	Upper	
156	100		
77	134.7	0.0	287.2
158	96.3	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#74

n-propylbenzene

Concen: 19.317 ug/l

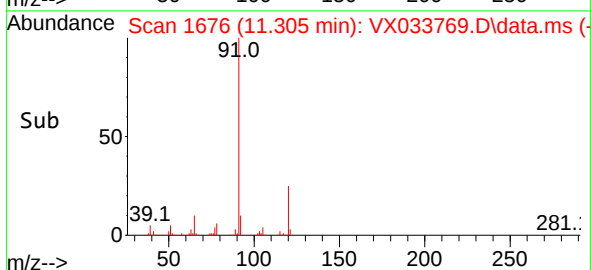
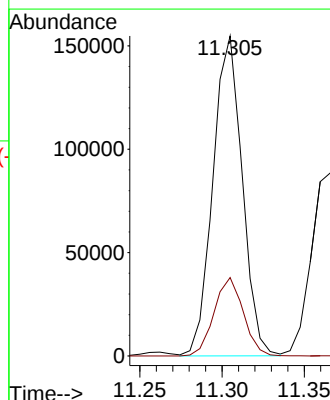
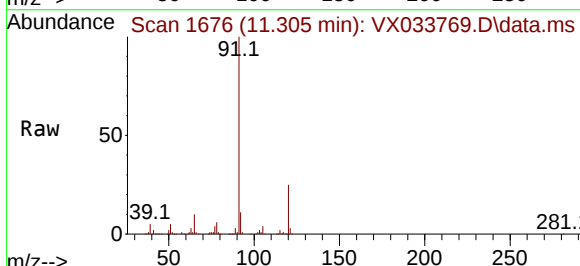
RT: 11.305 min Scan# 1676

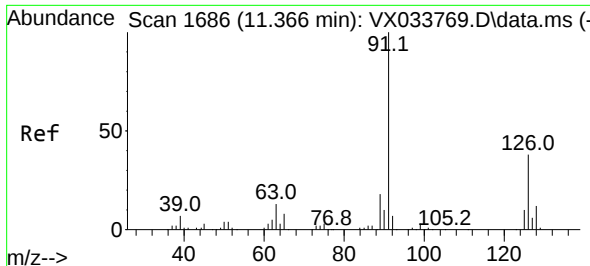
Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Tgt Ion:	91	Resp:	191794
Ion Ratio	Lower	Upper	
91	100		
120	24.4	0.0	48.8





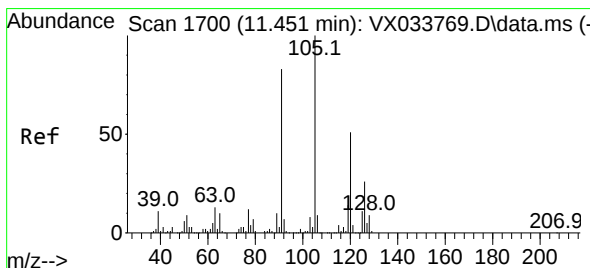
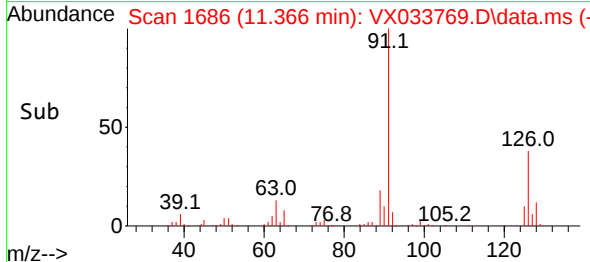
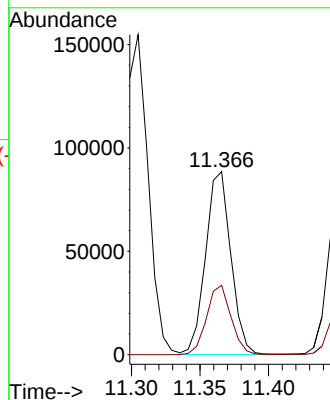
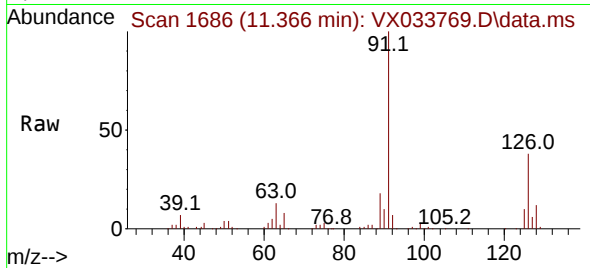
#75
2-Chlorotoluene
Concen: 19.185 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 113932
Ion Ratio Lower Upper
91 100
126 36.5 0.0 72.0

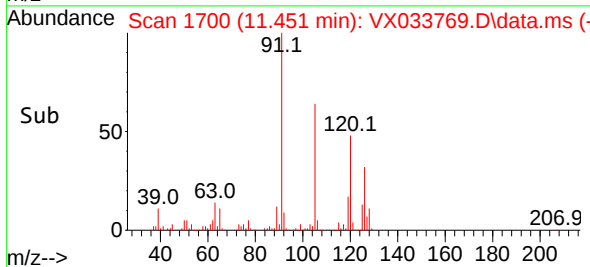
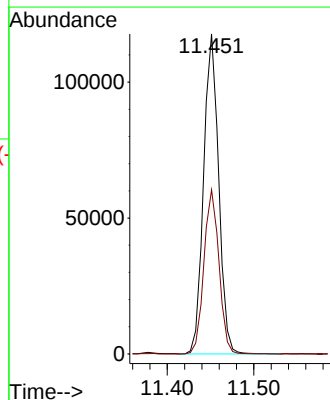
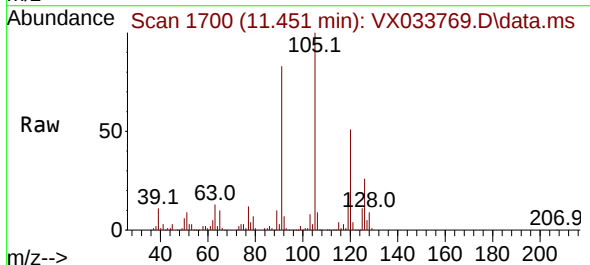
Manual Integrations
APPROVED

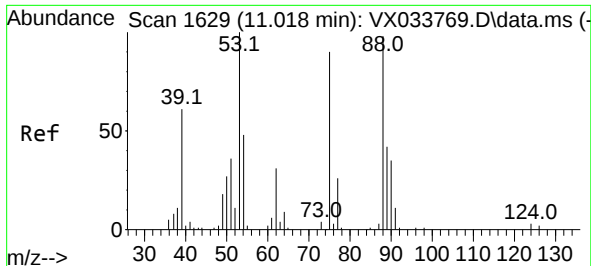
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.597 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

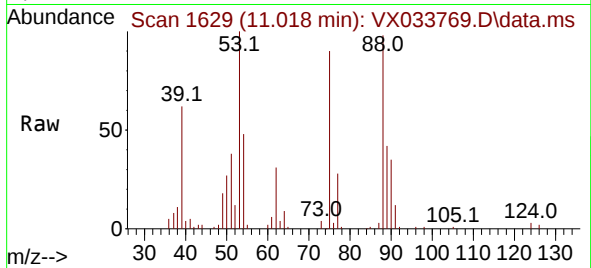
Tgt Ion:105 Resp: 142288
Ion Ratio Lower Upper
105 100
120 51.1 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.395 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

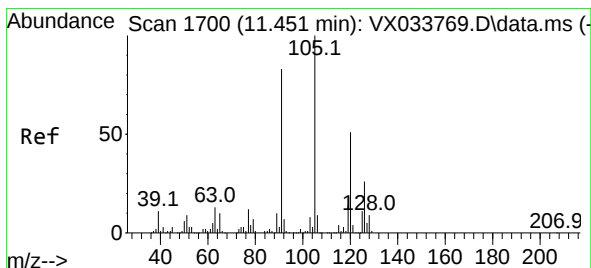
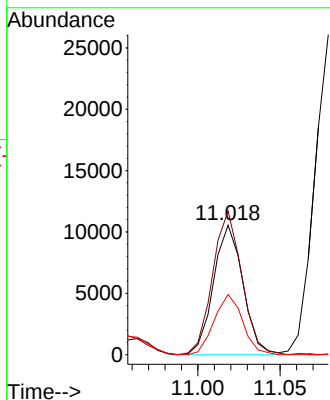
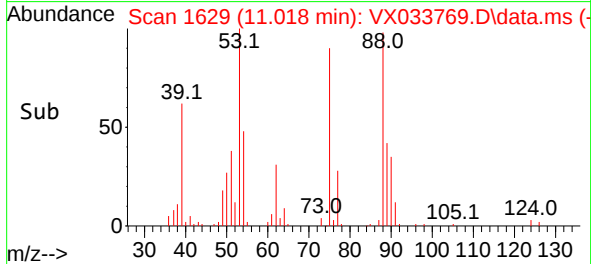
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 13128
Ion Ratio Lower Upper
75 100
53 110.9 60.2 180.6
89 46.5 23.2 69.6

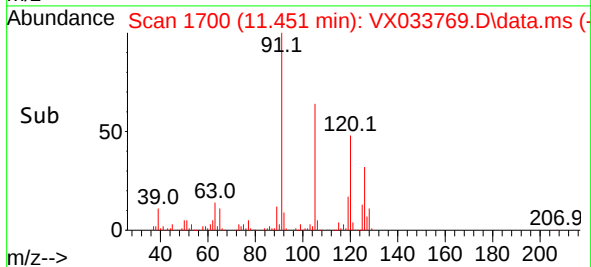
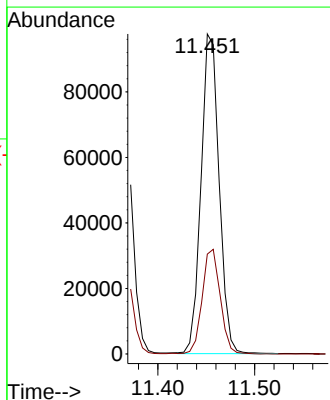
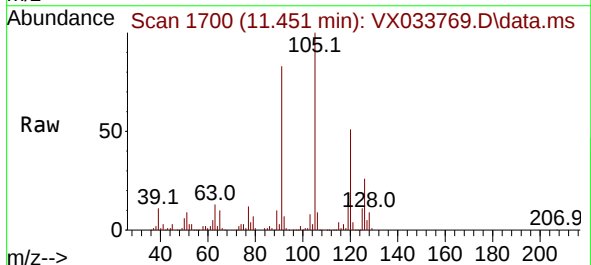
Manual Integrations
APPROVED

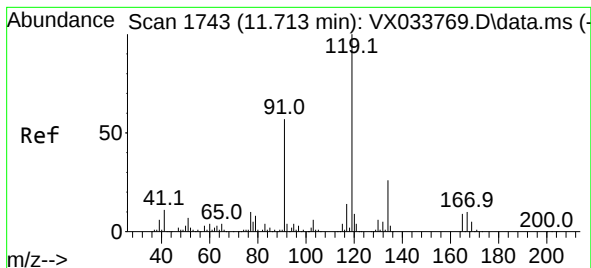
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion: 91 Resp: 127118
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.6





#79

tert-butylbenzene

Concen: 19.354 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

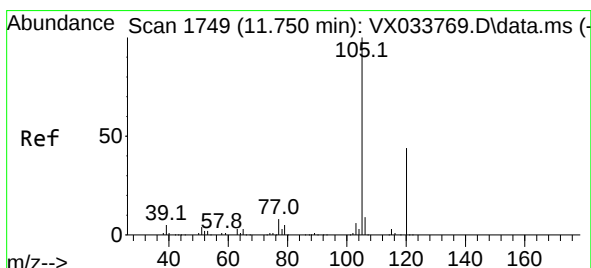
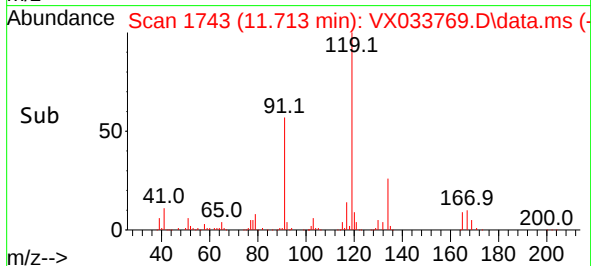
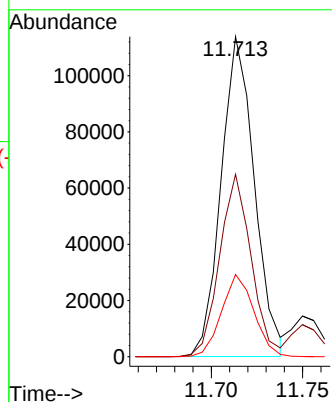
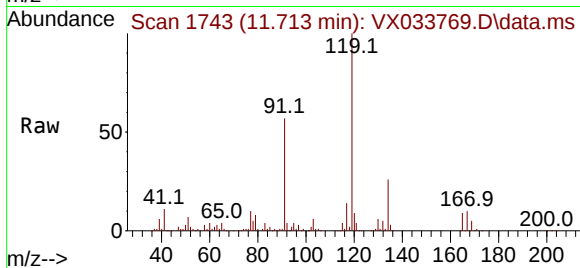
Tgt Ion:	119	Resp:	14411
Ion Ratio	Lower	Upper	
119	100		
91	54.2	0.0	111.0
134	25.0	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#80

1,2,4-Trimethylbenzene

Concen: 19.452 ug/l

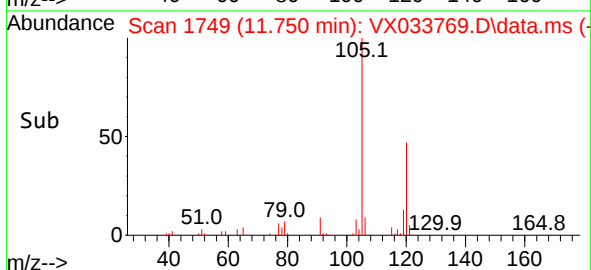
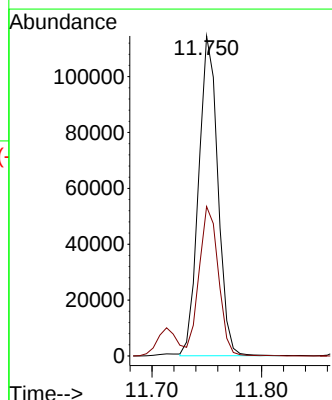
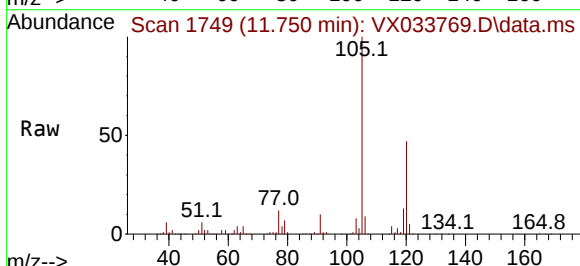
RT: 11.750 min Scan# 1749

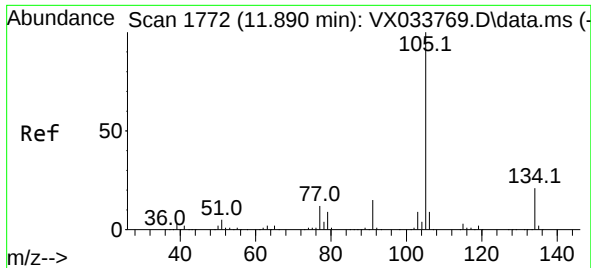
Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

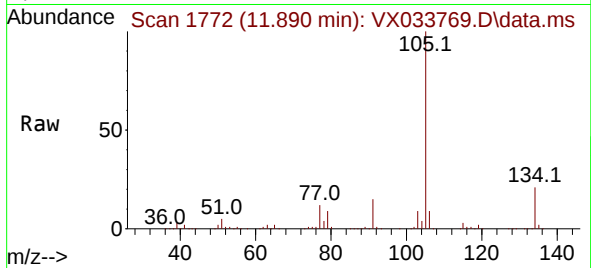
Tgt Ion:	105	Resp:	139530
Ion Ratio	Lower	Upper	
105	100		
120	46.7	0.0	91.2





#81
 sec-Butylbenzene
 Concen: 19.334 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

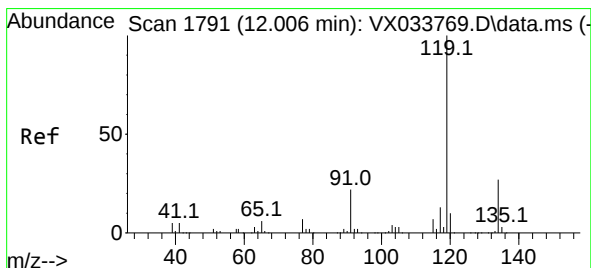
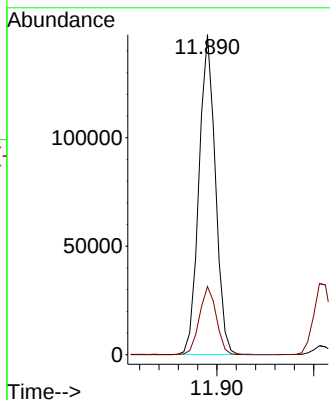
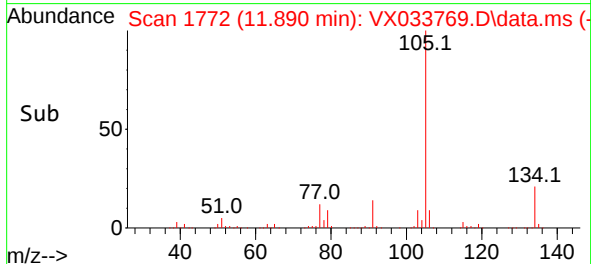
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



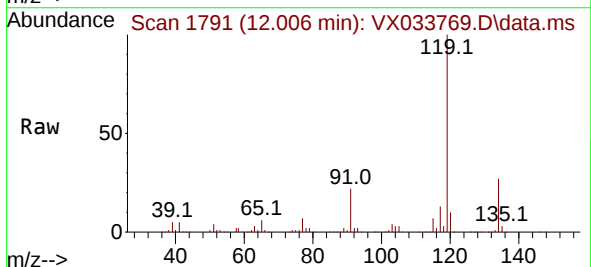
Tgt Ion:105 Resp: 174199
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.2

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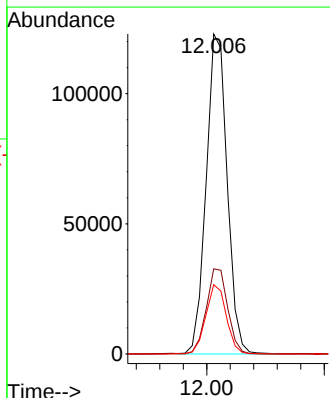
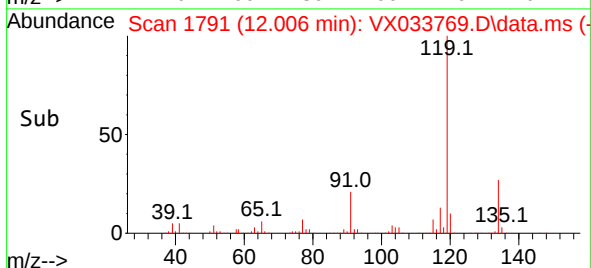
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

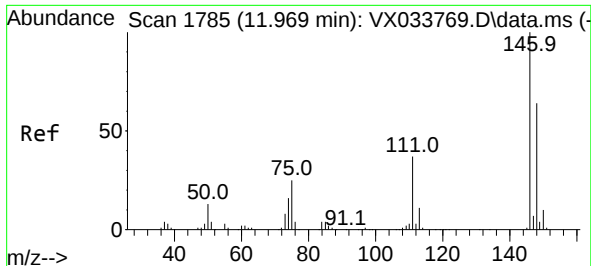


#82
 p-Isopropyltoluene
 Concen: 19.603 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01



Tgt Ion:119 Resp: 152338
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.4
 91 20.9 0.0 45.2





#83

1,3-Dichlorobenzene

Concen: 19.339 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

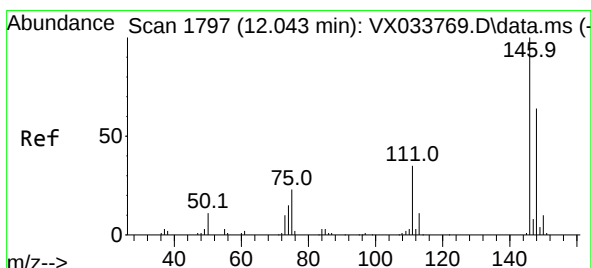
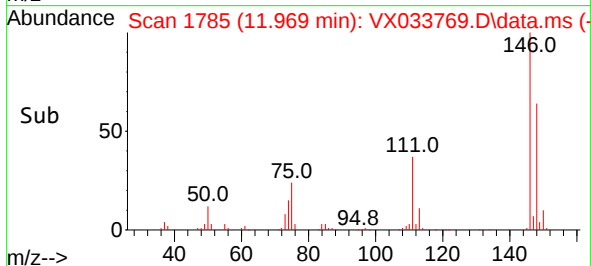
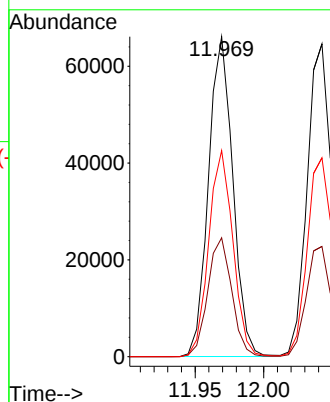
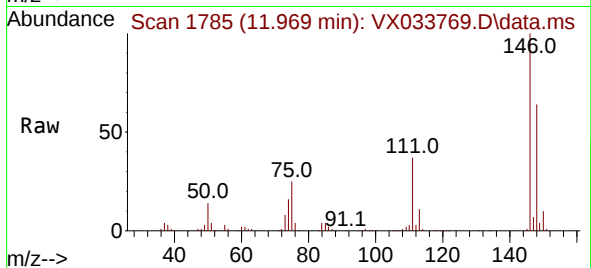
Tgt Ion:146 Resp: 8170
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#84

1,4-Dichlorobenzene

Concen: 19.284 ug/l

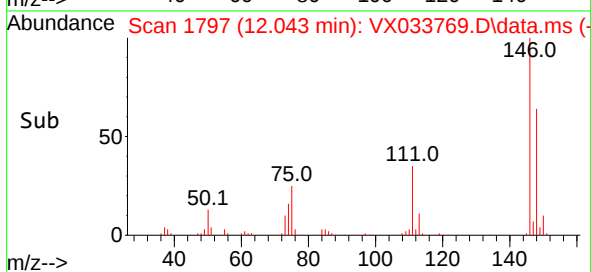
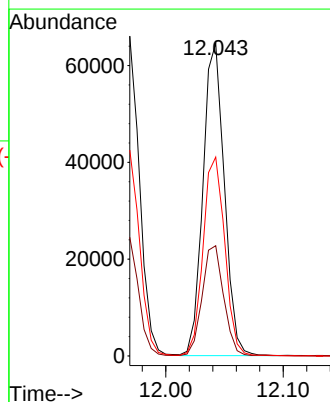
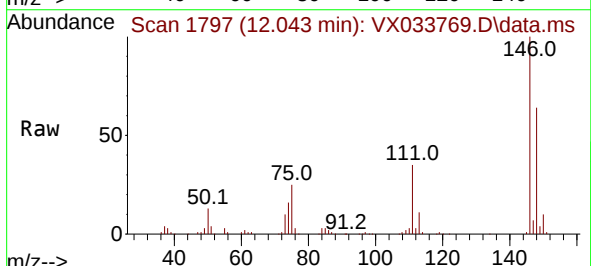
RT: 12.043 min Scan# 1797

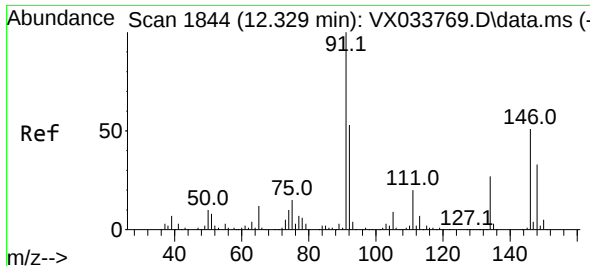
Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

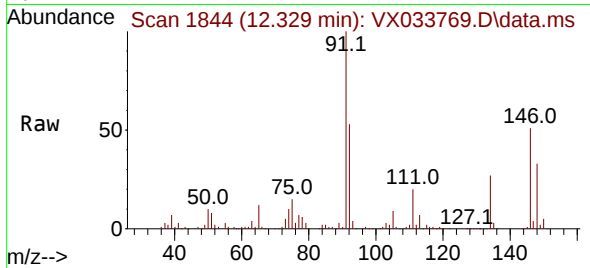
Tgt Ion:146 Resp: 81231
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.3 54.9
 148 64.3 31.9 95.7





#85
n-Butylbenzene
Concen: 19.195 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

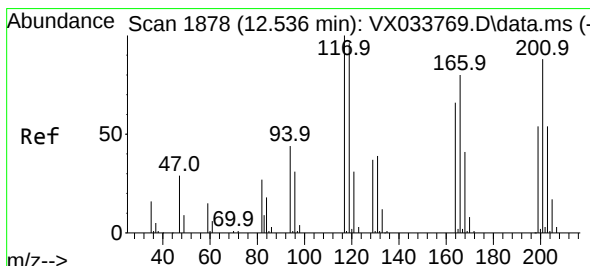
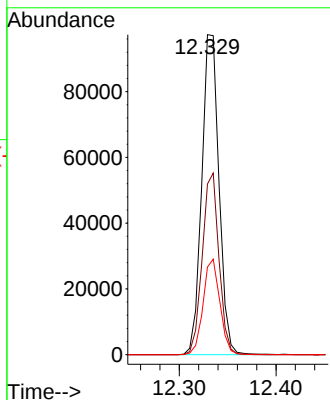
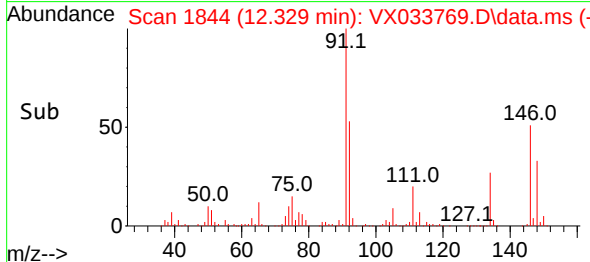
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 12127
Ion Ratio Lower Upper
91 100
92 54.5 0.0 108.2
134 28.9 0.0 55.4

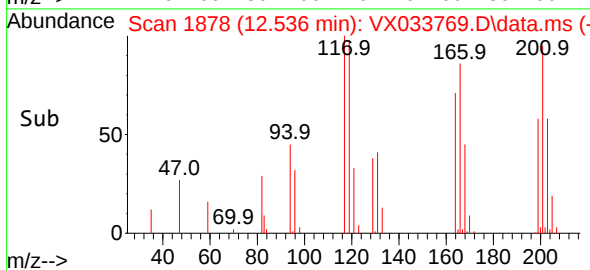
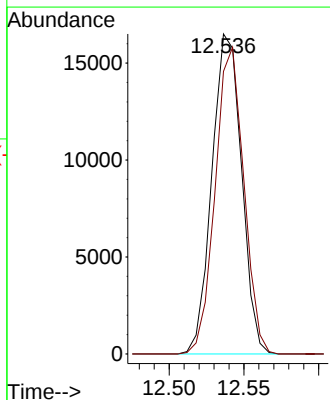
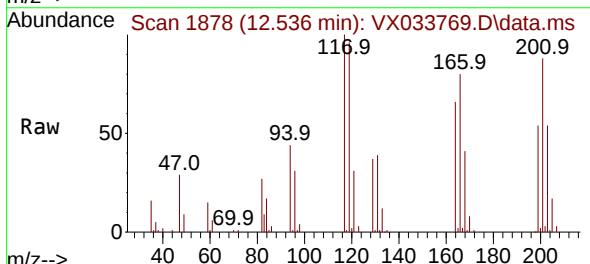
Manual Integrations
APPROVED

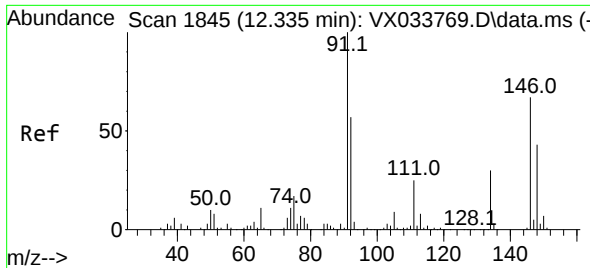
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 17.987 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

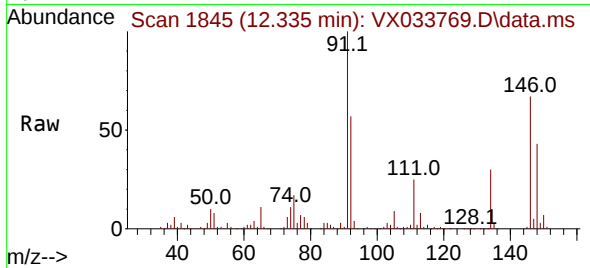
Tgt Ion:117 Resp: 22740
Ion Ratio Lower Upper
117 100
201 92.5 45.0 135.0





#87
 1,2-Dichlorobenzene
 Concen: 19.820 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01

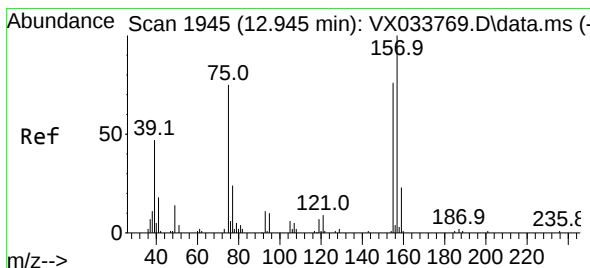
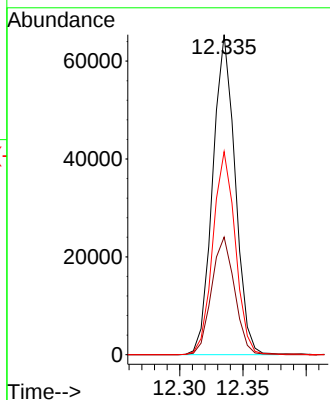
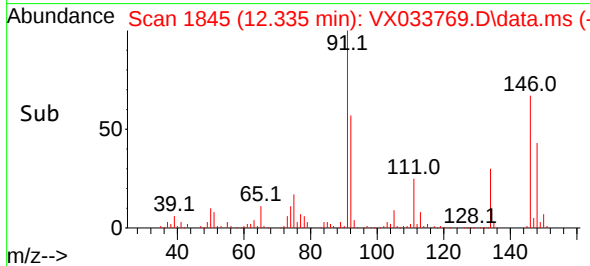
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



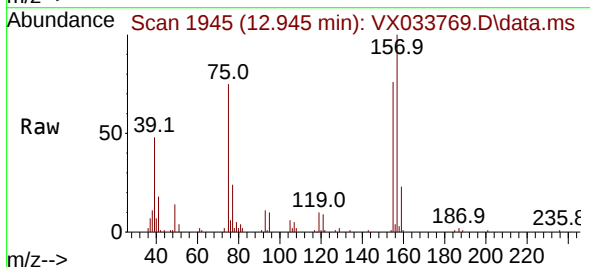
Tgt Ion:146 Resp: 80660
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.7 59.0
 148 63.4 31.9 95.9

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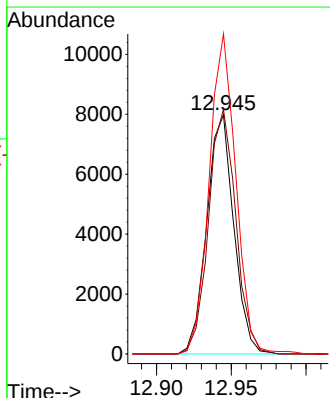
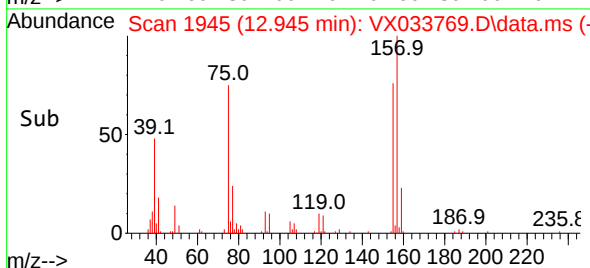
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

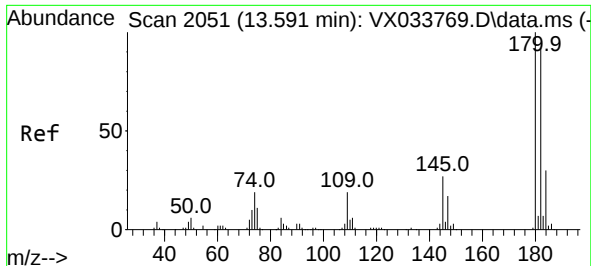


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.369 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX033769.D
 Acq: 18 Jan 2023 13:01



Tgt Ion: 75 Resp: 10042
 Ion Ratio Lower Upper
 75 100
 155 103.3 77.6 116.4
 157 131.1 98.0 147.0





#89

1,2,4-Trichlorobenzene

Concen: 19.411 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

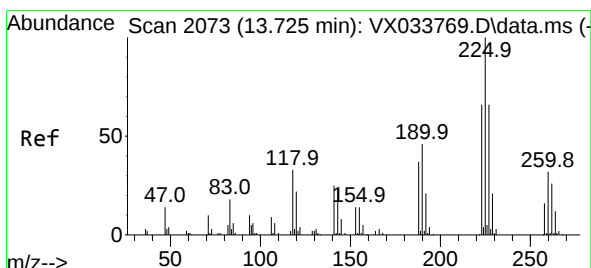
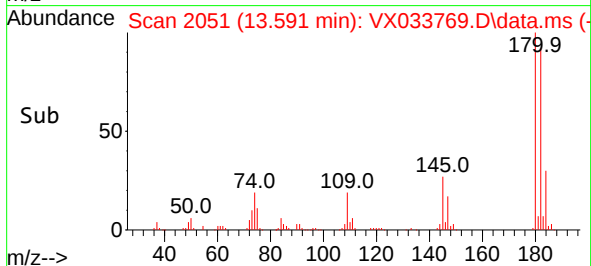
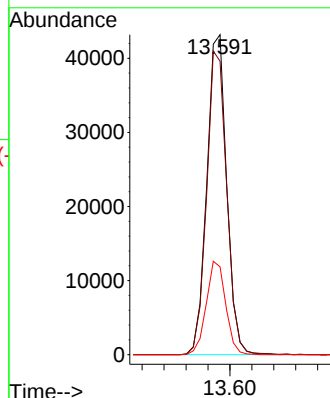
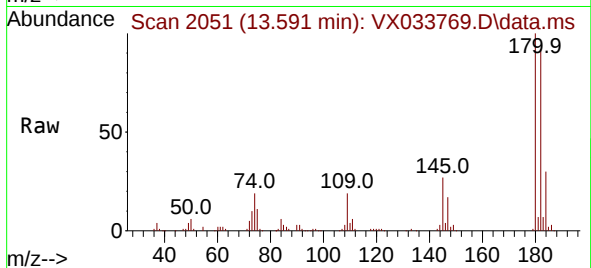
Tgt Ion:180	Resp:	5433
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.7 115.1
145	28.6	21.8 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#90

Hexachlorobutadiene

Concen: 18.752 ug/l

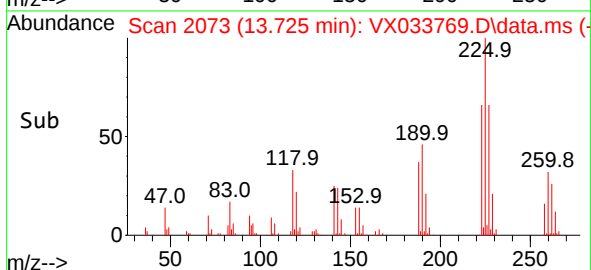
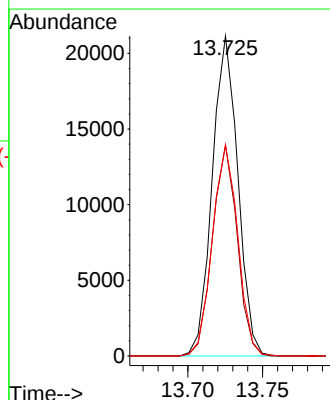
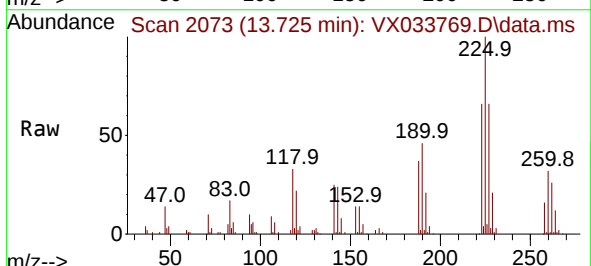
RT: 13.725 min Scan# 2073

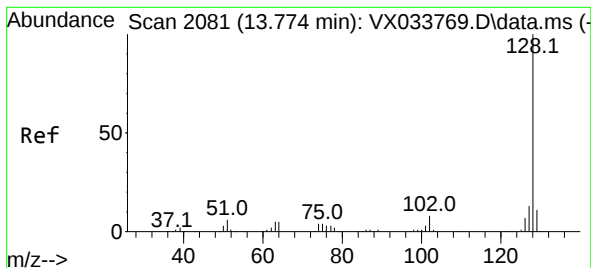
Delta R.T. -0.000 min

Lab File: VX033769.D

Acq: 18 Jan 2023 13:01

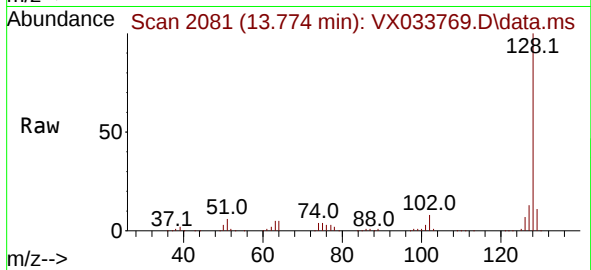
Tgt Ion:225	Resp:	25168
Ion Ratio	Lower	Upper
225	100	
223	63.8	0.0 127.0
227	65.6	0.0 123.0





#91
Naphthalene
Concen: 19.620 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

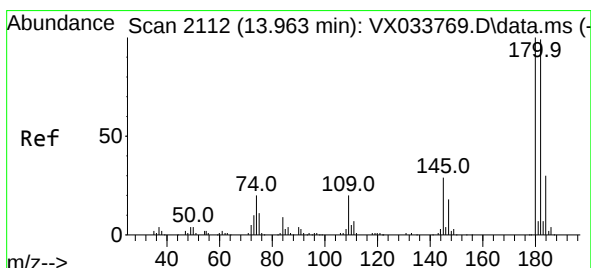
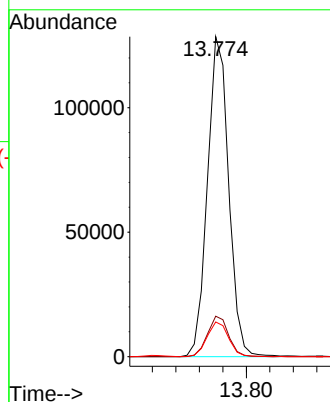
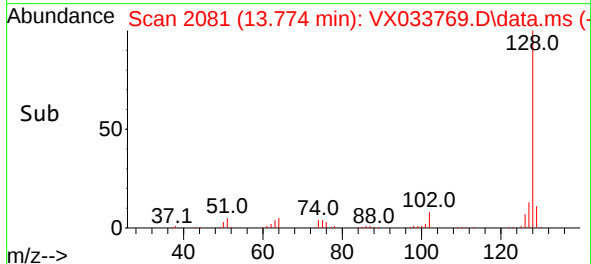
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 161269
Ion Ratio Lower Upper
128 100
127 12.6 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: 19.273 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033769.D
Acq: 18 Jan 2023 13:01

Tgt Ion:180 Resp: 54127
Ion Ratio Lower Upper
180 100
182 96.3 0.0 191.2
145 30.2 0.0 60.4

