

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033774.D
 Acq On : 18 Jan 2023 15:00
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011823

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 03:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	16065	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	109512	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	122178	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38292	30.800	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.667%			
60) 4-Bromofluorobenzene	11.079	95	66281	30.346	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.167%			
63) Toluene-d8	8.647	98	118873	30.496	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33703	22.900	ug/l	100
3) Chloromethane	1.294	50	35399	21.389	ug/l	98
4) Vinyl Chloride	1.374	62	35390	21.785	ug/l	99
5) Bromomethane	1.618	94	22736	21.711	ug/l	97
6) Chloroethane	1.691	64	18793	21.627	ug/l	100
7) Trichlorofluoromethane	1.892	101	53831	22.412	ug/l	98
8) Diethyl Ether	2.130	74	19096	21.093	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	32875	22.617	ug/l	100
10) 1,1-Dichloroethene	2.319	96	31025	21.729	ug/l	95
11) Methyl Iodide	2.453	142	45567	21.154	ug/l	99
12) Methyl Acetate	2.703	43	53541	21.489	ug/l	99
13) Acrolein	2.239	56	26948	96.702	ug/l	96
14) Acrylonitrile	3.069	53	85406	105.217	ug/l	97
15) Acetone	2.392	58	26949	110.412	ug/l	94
16) Carbon Disulfide	2.514	76	76570	21.876	ug/l	96
17) Allyl chloride	2.666	41	54543	21.165	ug/l	96
18) Methylene Chloride	2.788	84	34786	21.638	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	33228	21.617	ug/l	98
20) Diisopropyl ether	3.757	45	108444	21.467	ug/l	96
21) 1,1-Dichloroethane	3.611	63	58966	21.330	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	38663	21.407	ug/l	99
23) tert-Butyl Alcohol	3.001	59	28989m	103.350	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	101342	21.437	ug/l	97
25) Chloroform	5.093	83	59717	21.480	ug/l	97
26) Cyclohexane	5.471	56	55691	22.107	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	45032	21.408	ug/l	99
30) 2-Butanone	4.562	43	121913	104.905	ug/l	99
31) 2,2-Dichloropropane	4.477	77	41984	21.045	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	51009	21.058	ug/l	100
33) Carbon Tetrachloride	5.678	117	45286	20.888	ug/l	98
34) Benzene	6.037	78	132891	21.287	ug/l	98
35) Methacrylonitrile	4.922	41	26675	21.078	ug/l	95
36) 1,2-Dichloroethane	6.086	62	46282	21.077	ug/l	99
37) Trichloroethene	7.123	130	37478	21.257	ug/l	93
38) Methylcyclohexane	7.379	83	56967	22.509	ug/l	98
39) 1,2-Dichloropropane	7.428	63	33103	21.660	ug/l	96
40) Dibromomethane	7.580	93	23971	22.067	ug/l	98
41) Bromodichloromethane	7.818	83	44958	21.692	ug/l	99
42) Vinyl Acetate	3.721	43	415854	106.499	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033774.D
 Acq On : 18 Jan 2023 15:00
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011823

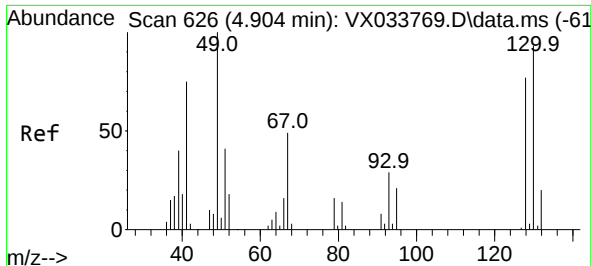
Quant Time: Jan 19 03:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	46638	20.530	ug/l	100
44) Isopropyl Acetate	6.336	43	72923	21.110	ug/l	99
45) 1,4-Dioxane	7.702	88	13612	381.286	ug/l #	95
46) Methyl methacrylate	7.690	41	39585	22.569	ug/l	97
47) n-amyl Acetate	10.842	43	61140	20.982	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	44633	20.441	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	51705	20.978	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	34890	21.651	ug/l	98
51) Ethyl methacrylate	9.116	69	50956	21.343	ug/l	92
52) 1,3-Dichloropropane	9.311	76	57404	21.138	ug/l	99
53) Dibromochloromethane	9.519	129	36887	20.959	ug/l	100
54) 1,2-Dibromoethane	9.610	107	36996	21.253	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	116571	103.997	ug/l	99
56) Bromoform	10.799	173	28730	21.033	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	241637	110.030	ug/l	99
59) 2-Hexanone	9.427	43	176598	107.024	ug/l	96
61) Tetrachloroethene	9.275	164	35670	22.171	ug/l	98
62) Toluene	8.720	91	149972	21.944	ug/l	99
64) Chlorobenzene	10.079	112	97471	21.394	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	35660	21.019	ug/l	98
66) Ethyl Benzene	10.195	91	167621	21.431	ug/l	97
67) m/p-Xylenes	10.299	106	133223	43.133	ug/l	96
68) o-Xylene	10.640	106	65037	21.234	ug/l	99
69) Styrene	10.653	104	108201	21.476	ug/l	98
70) Isopropylbenzene	10.963	105	170566	21.619	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	50891	21.513	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	45275m	21.006	ug/l	
73) Bromobenzene	11.195	156	46059	21.556	ug/l	99
74) n-propylbenzene	11.305	91	193720	21.615	ug/l	100
75) 2-Chlorotoluene	11.366	91	115285	21.624	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	144560	22.094	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	13182	19.904	ug/l	98
78) 4-Chlorotoluene	11.451	91	131767	21.969	ug/l	98
79) tert-butylbenzene	11.713	119	146656	21.899	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	143615	22.139	ug/l	100
81) sec-Butylbenzene	11.890	105	177745	21.812	ug/l	99
82) p-Isopropyltoluene	12.006	119	154388	21.871	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	83687	21.679	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	83878	21.679	ug/l	100
85) n-Butylbenzene	12.335	91	126195	21.980	ug/l	100
86) Hexachloroethane	12.536	117	23631	21.178	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	81706	21.958	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9484	19.590	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	55273	21.348	ug/l	100
90) Hexachlorobutadiene	13.725	225	27513	22.662	ug/l	97
91) Naphthalene	13.774	128	164248	21.641	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	56097	22.090	ug/l	99

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



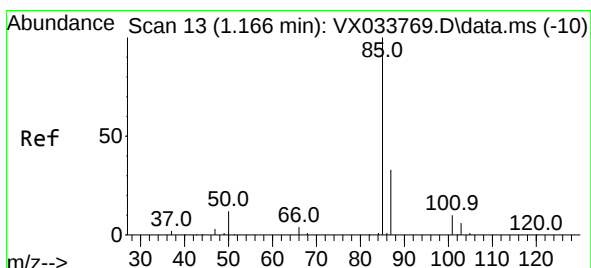
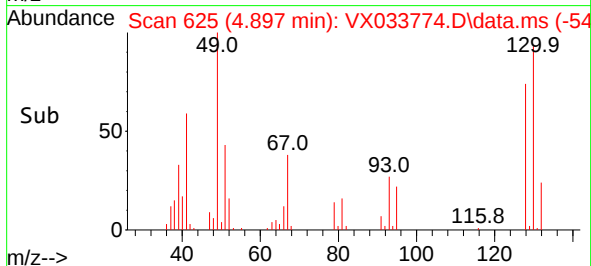
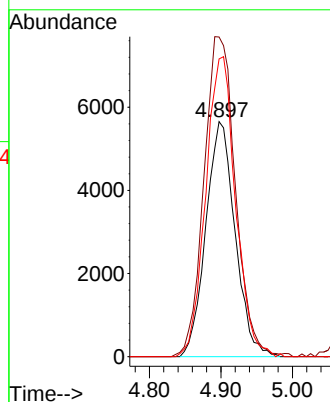
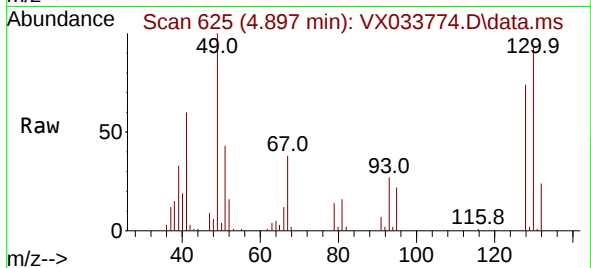
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:128 Resp: 1606
Ion Ratio Lower Upper
128 100
49 146.4 0.0 369.0
130 130.2 0.0 327.5

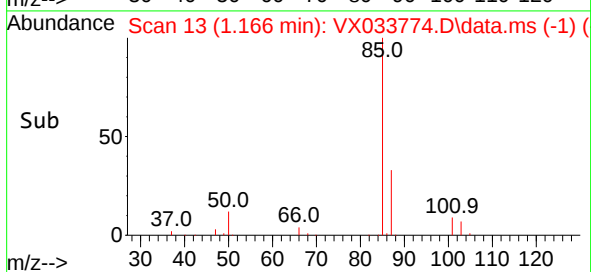
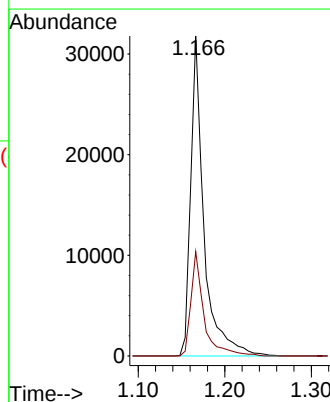
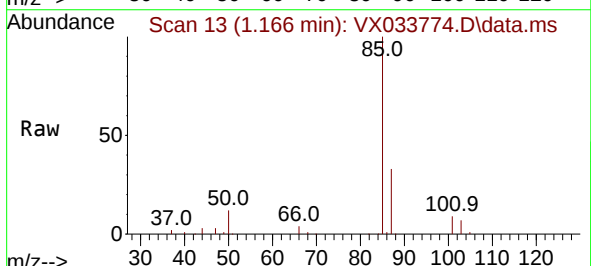
Manual Integrations
APPROVED

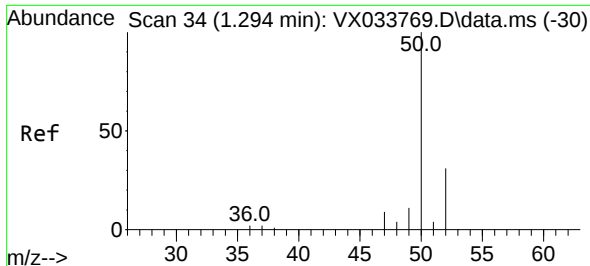
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#2
Dichlorodifluoromethane
Concen: 22.900 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 85 Resp: 33703
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





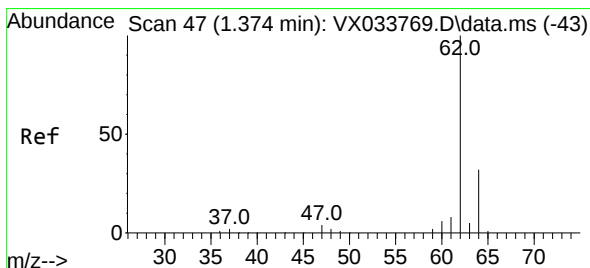
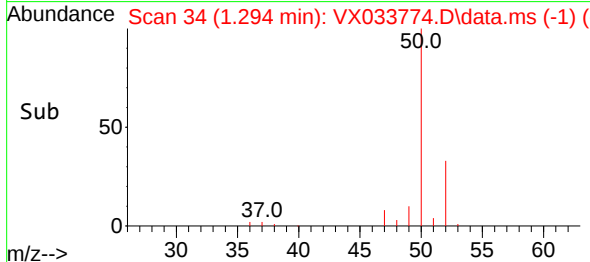
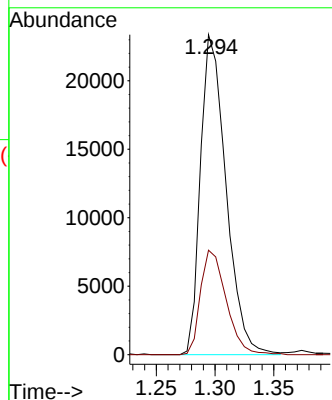
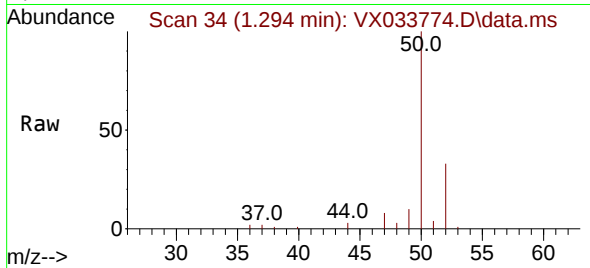
#3
Chloromethane
Concen: 21.389 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 50 Resp: 35399
Ion Ratio Lower Upper
50 100
52 32.7 25.1 37.7

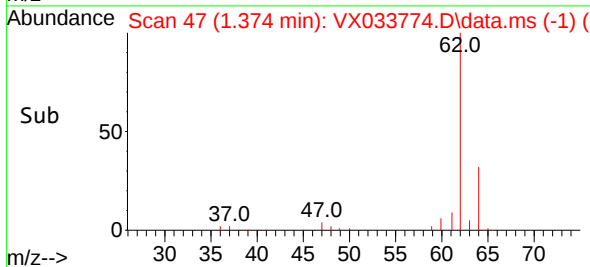
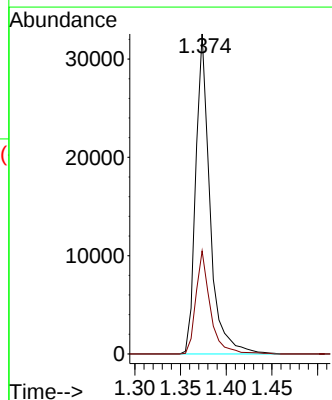
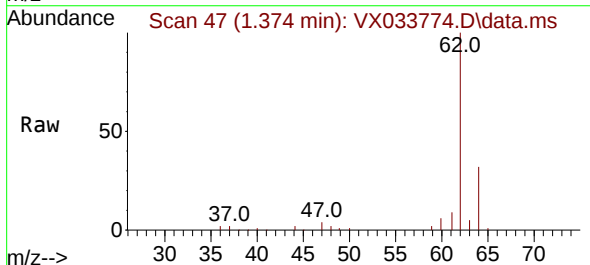
Manual Integrations
APPROVED

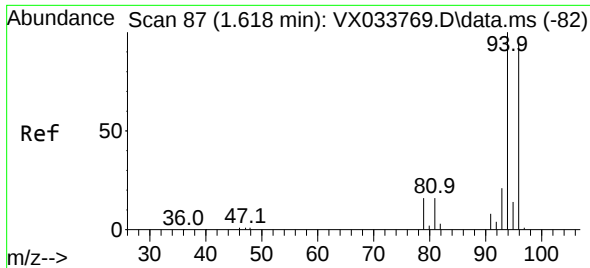
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#4
Vinyl Chloride
Concen: 21.785 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

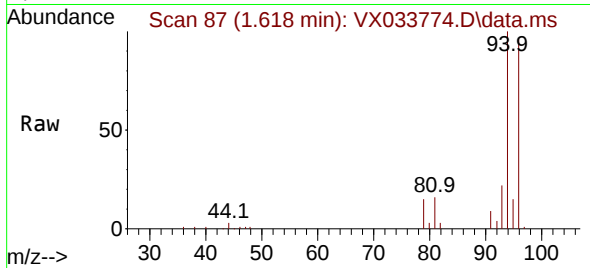
Tgt Ion: 62 Resp: 35390
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5
Bromomethane
Concen: 21.711 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

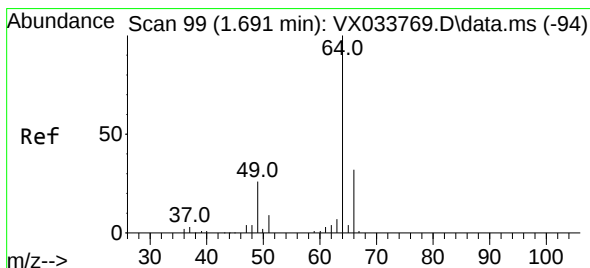
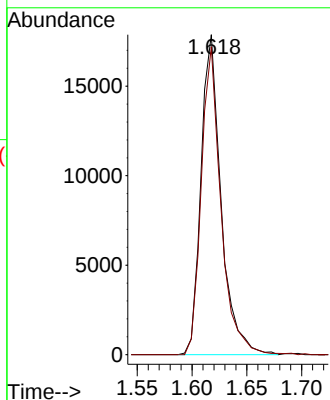
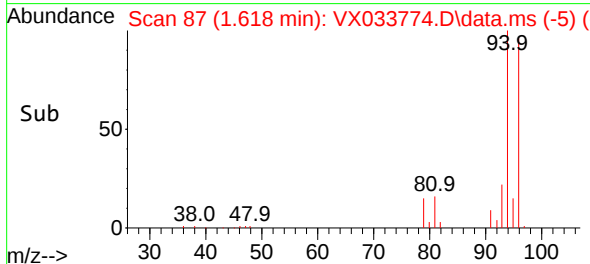
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion: 94 Resp: 22730
Ion Ratio Lower Upper
94 100
96 96.2 74.8 112.2

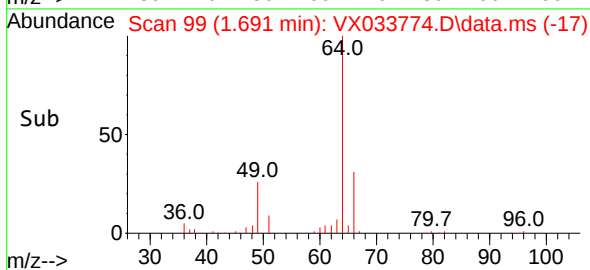
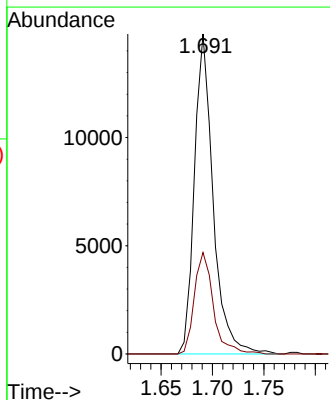
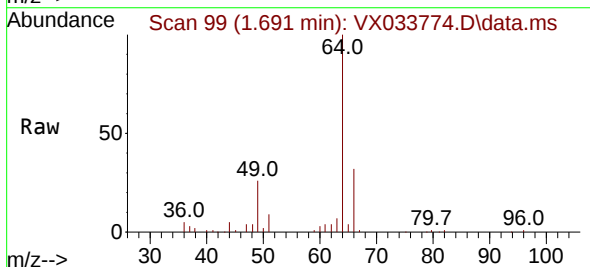
Manual Integrations
APPROVED

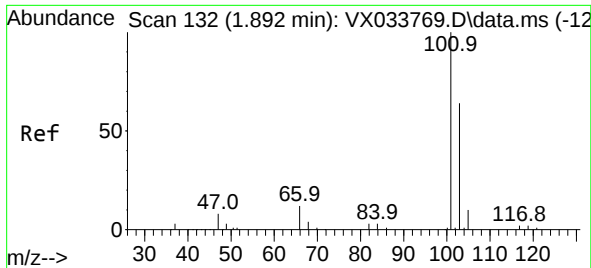
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#6
Chloroethane
Concen: 21.627 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

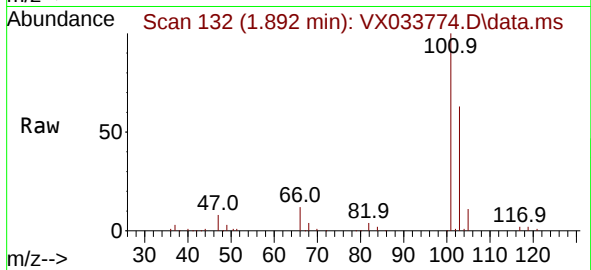
Tgt Ion: 64 Resp: 18793
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 22.412 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00

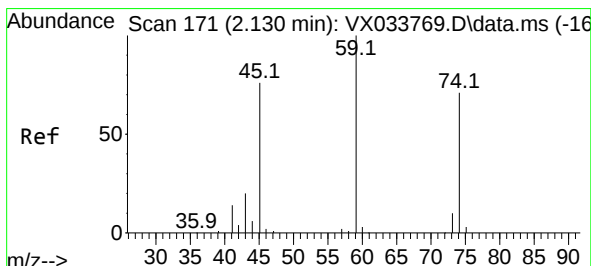
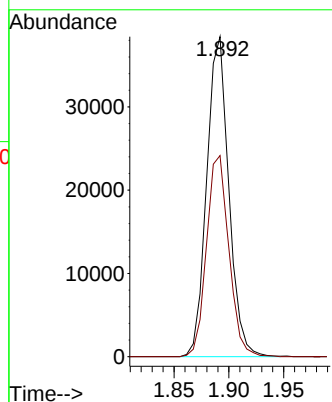
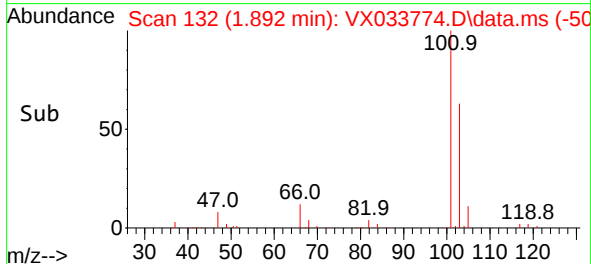
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011823



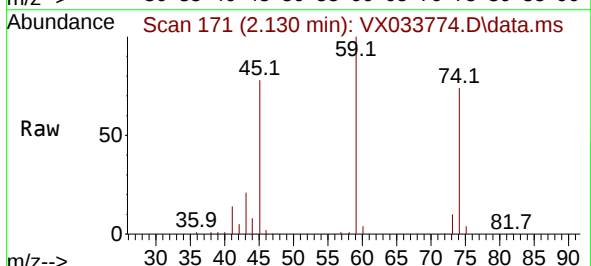
Tgt Ion:101 Resp: 5383
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0

Manual Integrations
 APPROVED

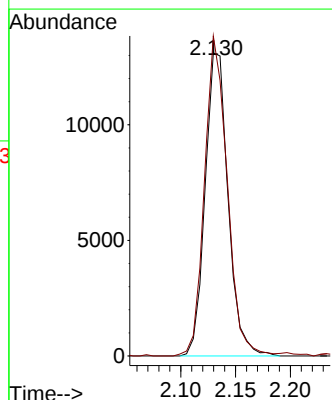
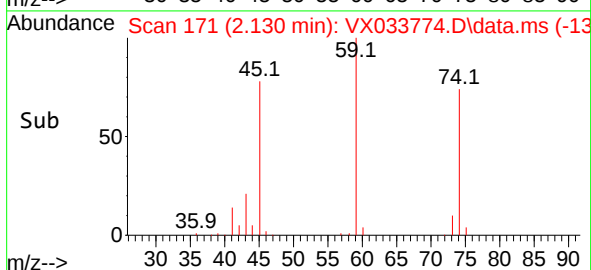
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

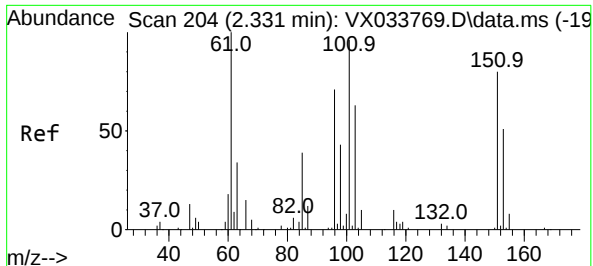


#8
 Diethyl Ether
 Concen: 21.093 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00



Tgt Ion: 74 Resp: 19096
 Ion Ratio Lower Upper
 74 100
 45 104.1 20.2 182.0





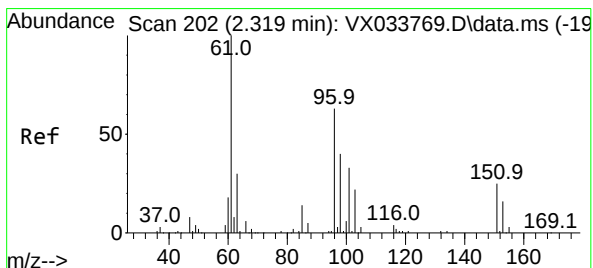
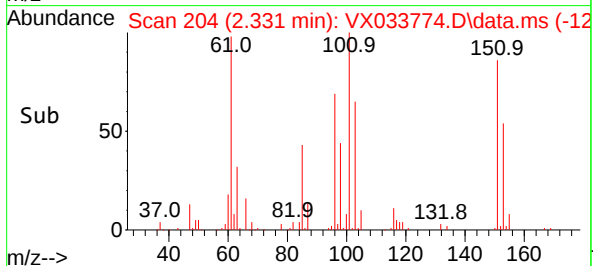
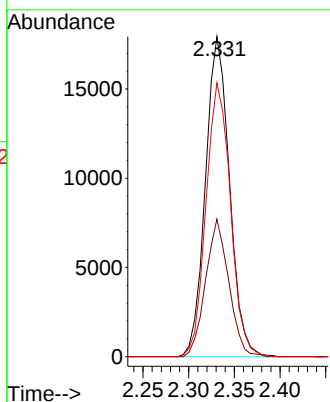
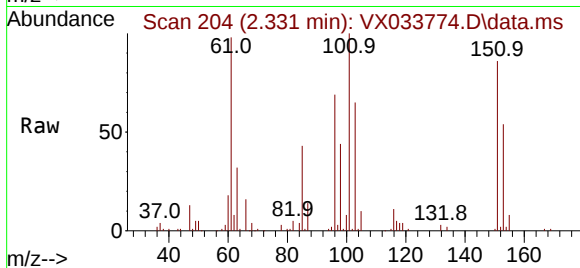
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.617 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:101 Resp: 3287
Ion Ratio Lower Upper
101 100
85 41.4 0.0 83.0
151 87.0 0.0 174.6

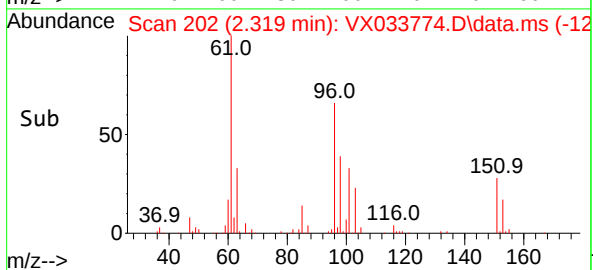
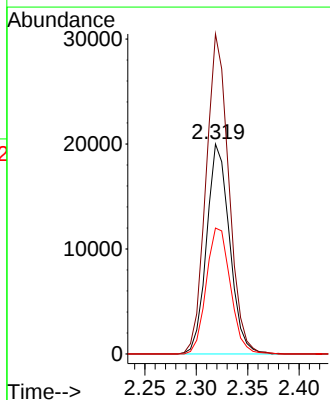
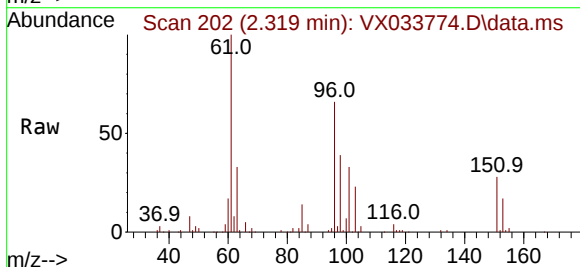
Manual Integrations
APPROVED

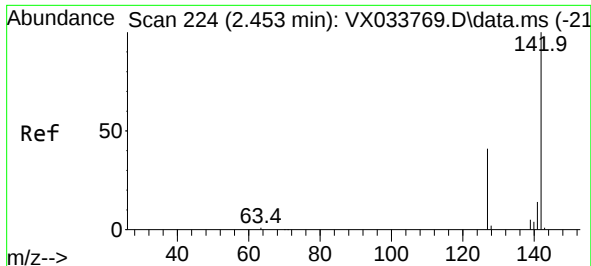
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#10
1,1-Dichloroethene
Concen: 21.729 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

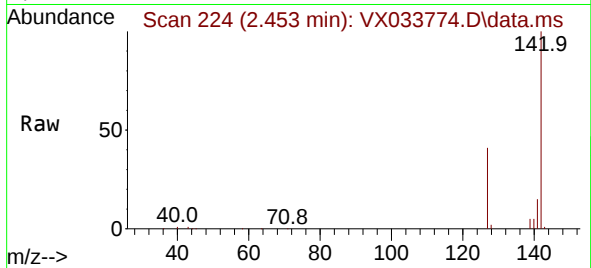
Tgt Ion: 96 Resp: 31025
Ion Ratio Lower Upper
96 100
61 152.4 127.5 191.3
98 60.0 51.1 76.7





#11
Methyl Iodide
Concen: 21.154 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

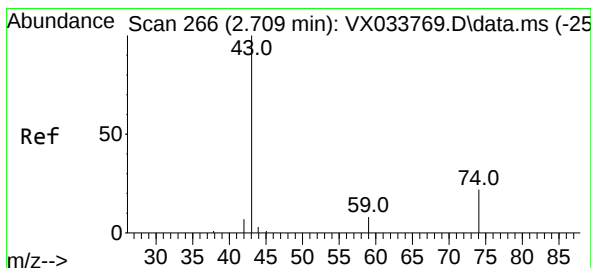
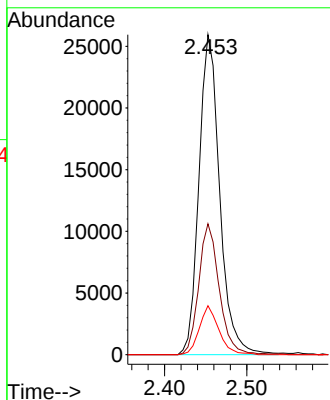
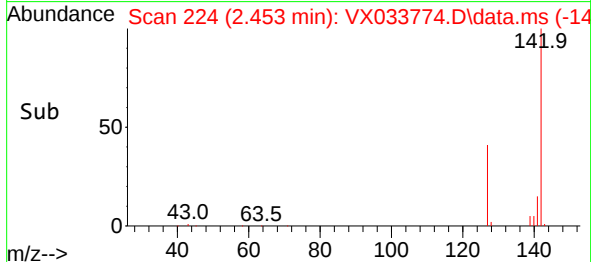
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion:142 Resp: 4556
Ion Ratio Lower Upper
142 100
127 40.8 20.7 62.1
141 15.3 7.0 21.0

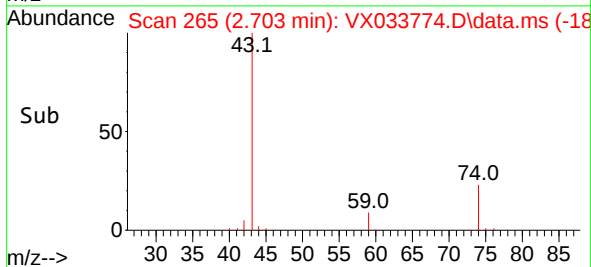
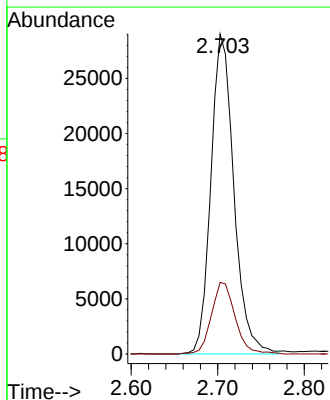
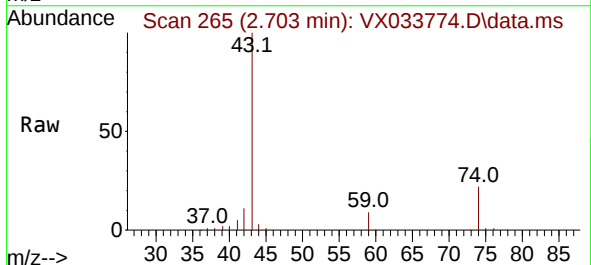
Manual Integrations
APPROVED

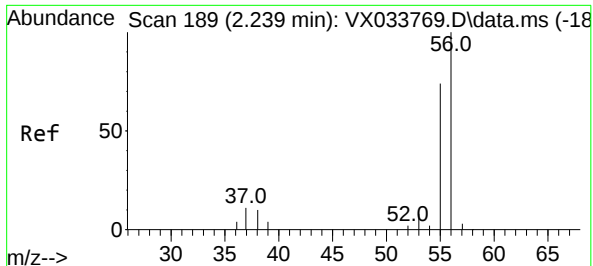
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#12
Methyl Acetate
Concen: 21.489 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

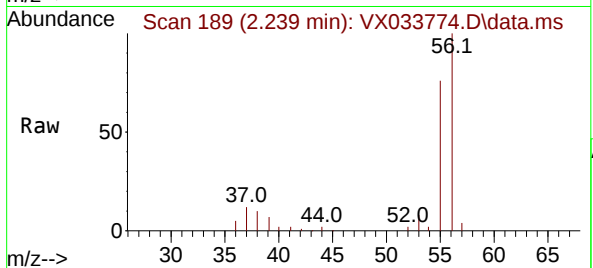
Tgt Ion: 43 Resp: 53541
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





#13
Acrolein
Concen: 96.702 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

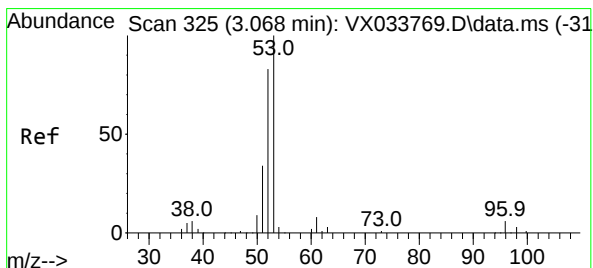
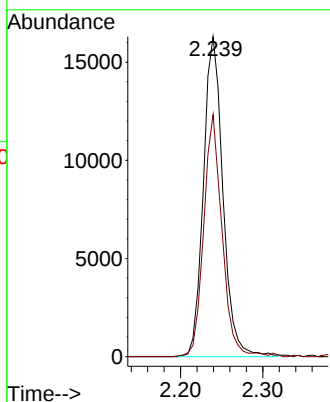
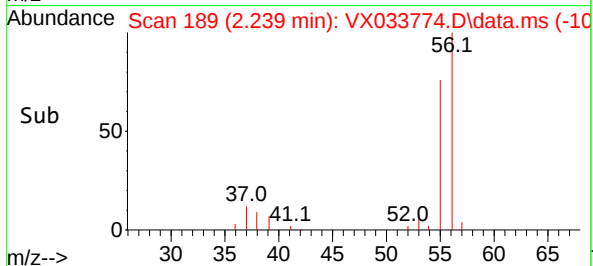
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



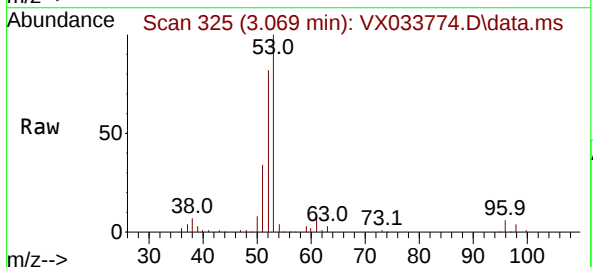
Tgt Ion: 56 Resp: 26948
Ion Ratio Lower Upper
56 100
55 70.2 58.8 88.2

Manual Integrations
APPROVED

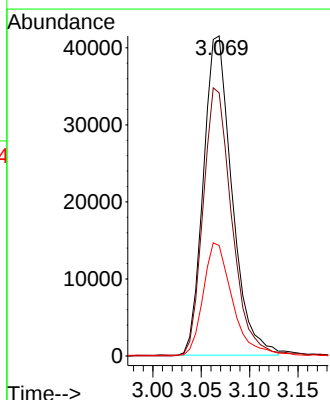
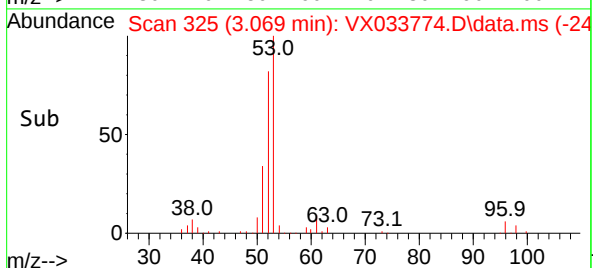
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

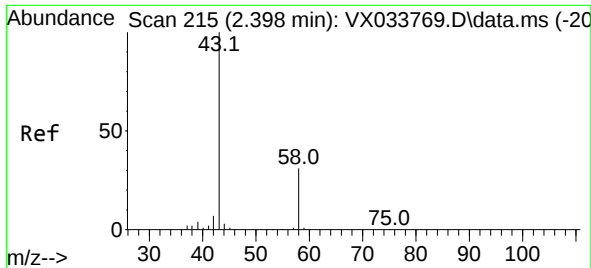


#14
Acrylonitrile
Concen: 105.217 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



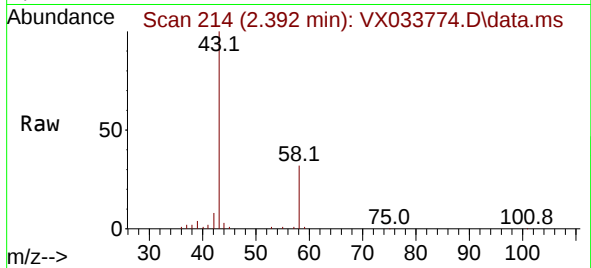
Tgt Ion: 53 Resp: 85406
Ion Ratio Lower Upper
53 100
52 84.6 41.0 123.2
51 36.6 17.6 52.8





#15
Acetone
Concen: 110.412 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

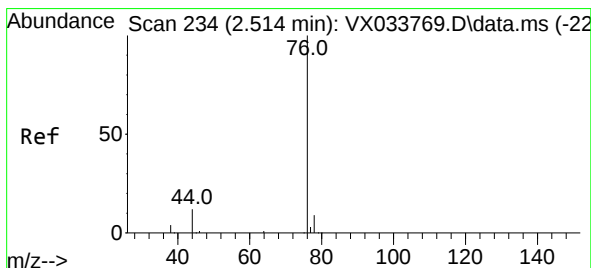
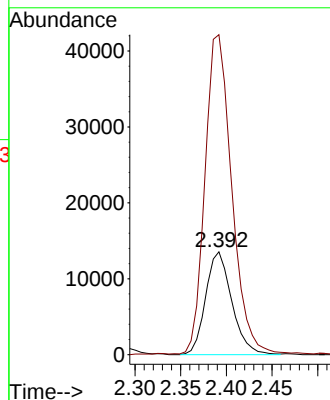
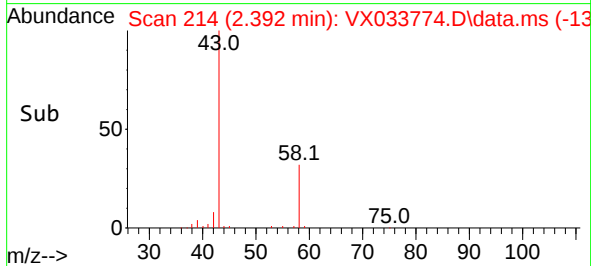
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



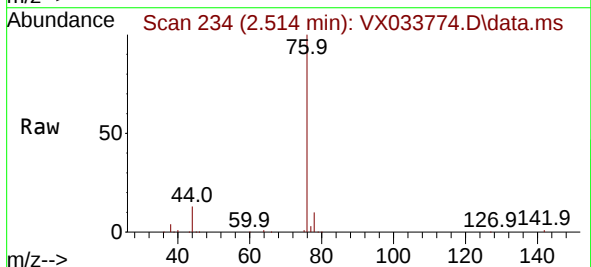
Tgt Ion: 58 Resp: 26949
Ion Ratio Lower Upper
58 100
43 310.1 258.6 388.0

Manual Integrations
APPROVED

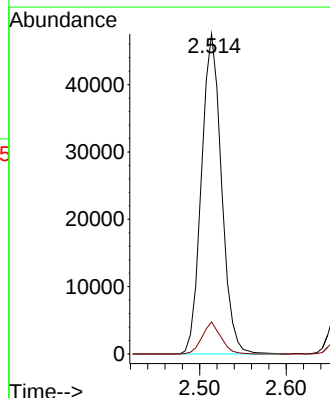
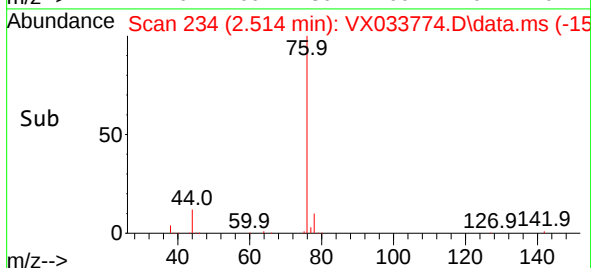
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

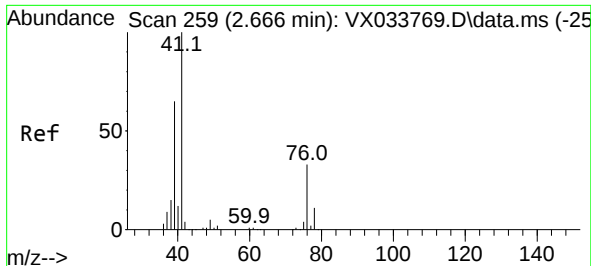


#16
Carbon Disulfide
Concen: 21.876 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



Tgt Ion: 76 Resp: 76570
Ion Ratio Lower Upper
76 100
78 10.0 6.9 10.3





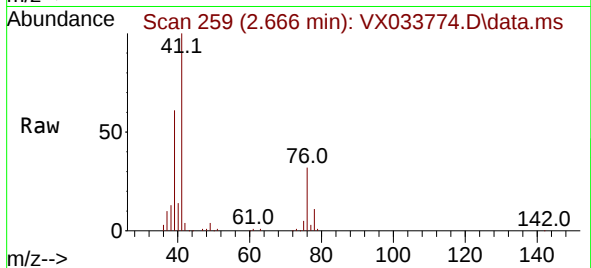
#17
 Allyl chloride
 Concen: 21.165 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

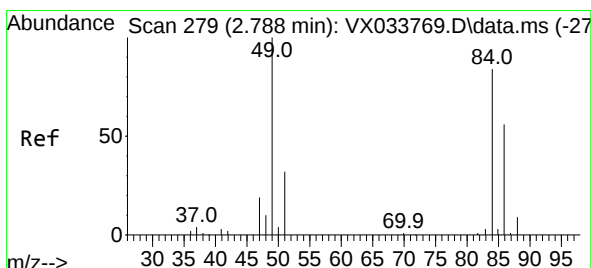
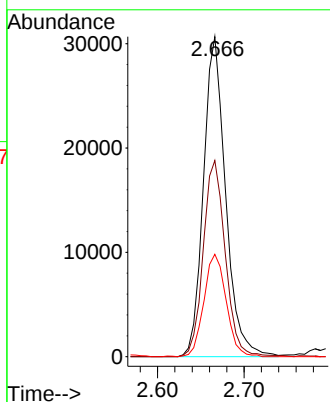
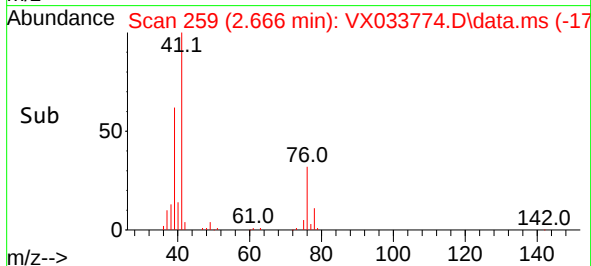


Tgt Ion: 41 Resp: 5454
 Ion Ratio Lower Upper
 41 100
 39 61.3 32.5 97.4
 76 32.0 16.6 49.8

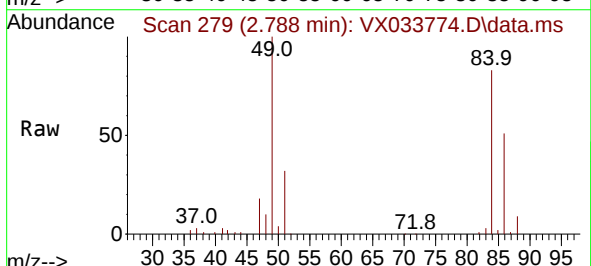
Manual Integrations

APPROVED

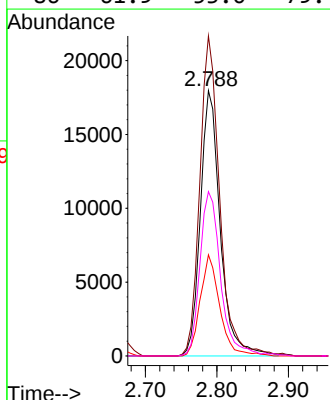
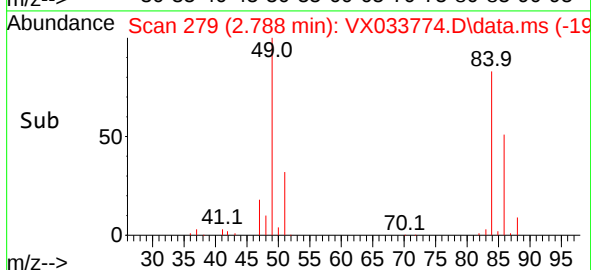
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

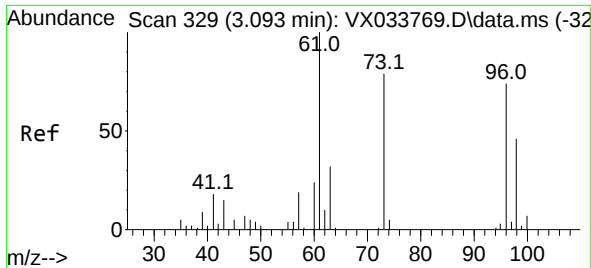


#18
 Methylene Chloride
 Concen: 21.638 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00



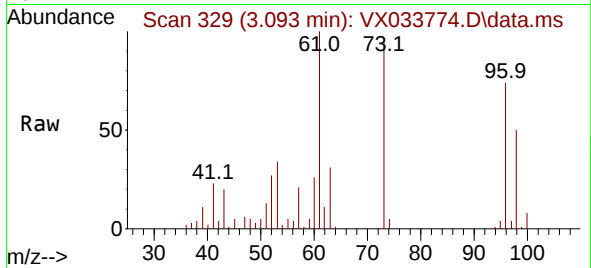
Tgt Ion: 84 Resp: 34786
 Ion Ratio Lower Upper
 84 100
 49 120.6 95.0 142.6
 51 38.1 30.3 45.5
 86 61.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 21.617 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

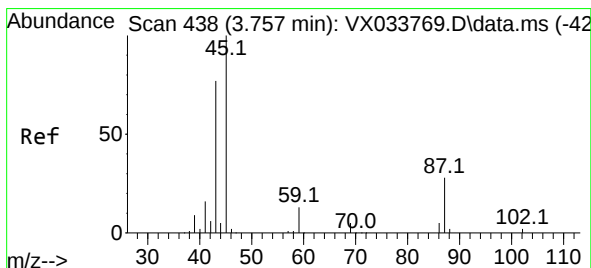
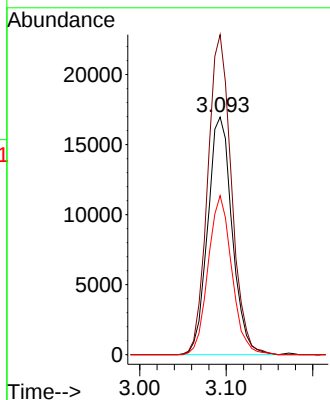
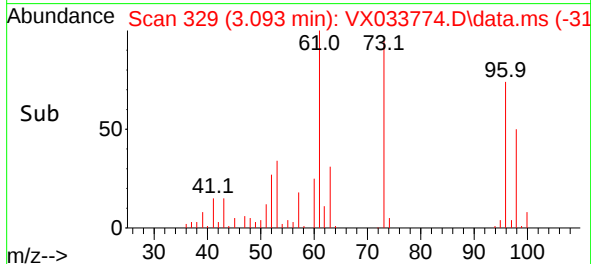
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



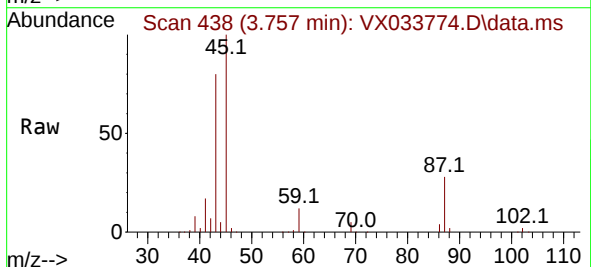
Tgt Ion: 96 Resp: 33228
Ion Ratio Lower Upper
96 100
61 134.7 107.7 161.5
98 66.9 49.8 74.6

Manual Integrations
APPROVED

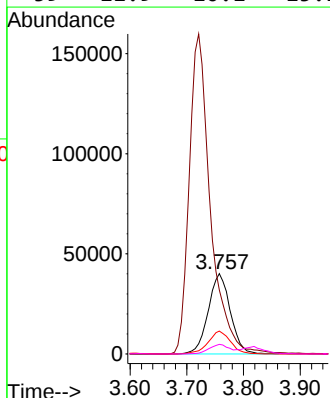
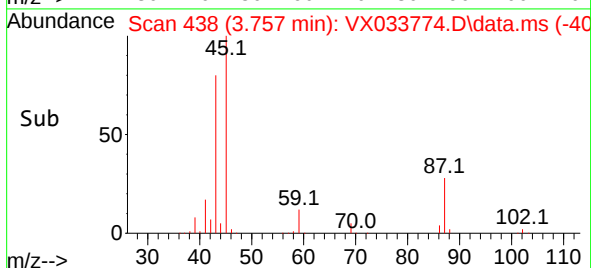
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

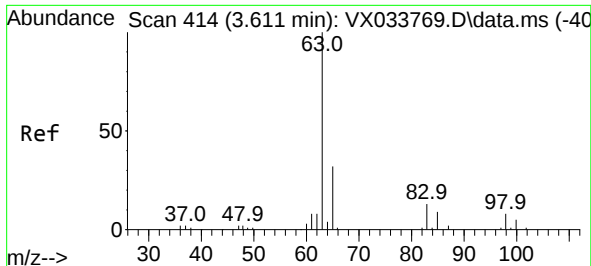


#20
Diisopropyl ether
Concen: 21.467 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



Tgt Ion: 45 Resp: 108444
Ion Ratio Lower Upper
45 100
43 77.9 66.6 99.8
87 28.5 22.3 33.5
59 11.9 10.1 15.1





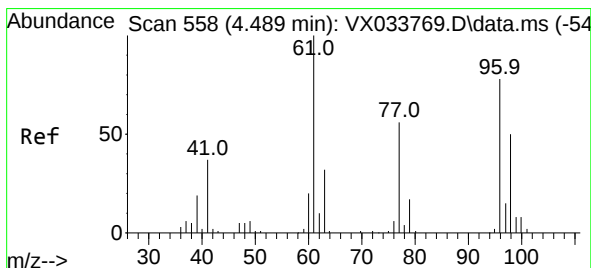
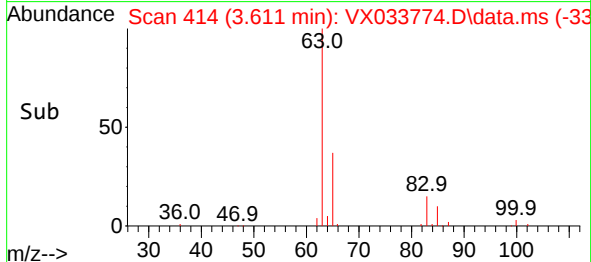
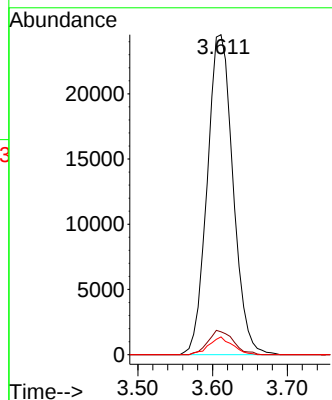
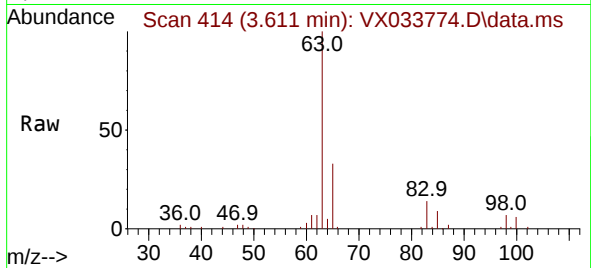
#21
1,1-Dichloroethane
Concen: 21.330 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 63 Resp: 5896
Ion Ratio Lower Upper
63 100
98 7.1 4.0 12.2
100 5.6 2.3 6.9

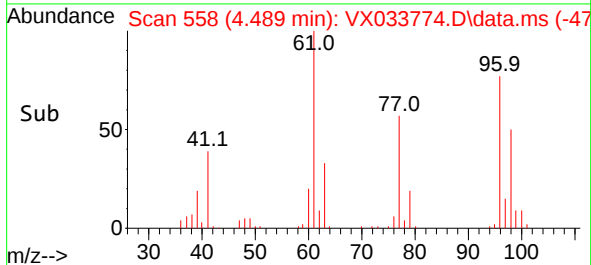
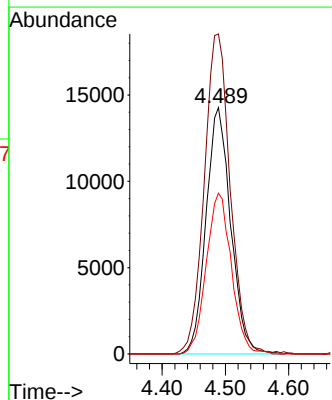
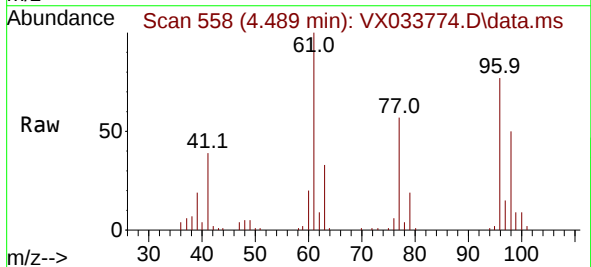
Manual Integrations
APPROVED

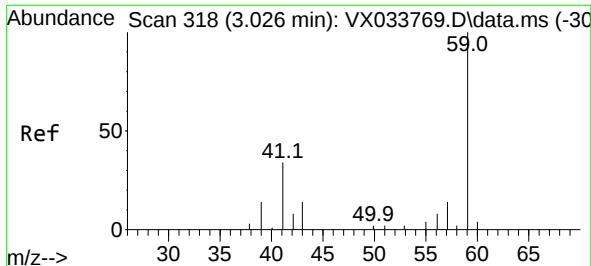
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#22
cis-1,2-Dichloroethene
Concen: 21.407 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 96 Resp: 38663
Ion Ratio Lower Upper
96 100
61 136.8 109.0 163.6
98 66.4 51.7 77.5





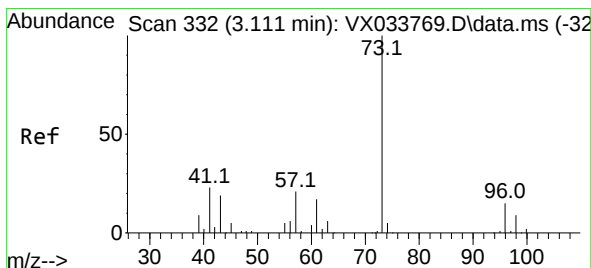
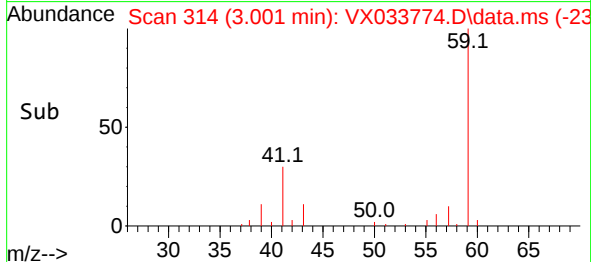
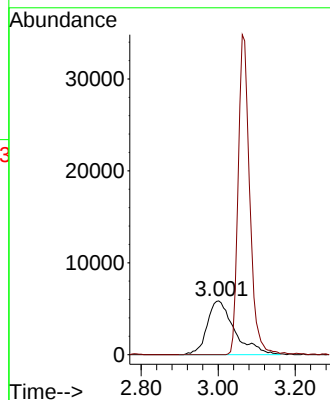
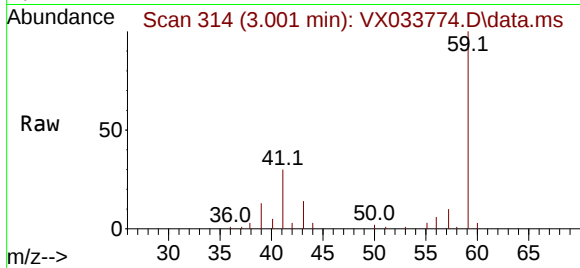
#23
tert-Butyl Alcohol
Concen: 103.350 ug/l m
RT: 3.001 min Scan# 318
Delta R.T. -0.024 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 59 Resp: 28989
Ion Ratio Lower Upper
59 100
52 0.0 186.7 280.1

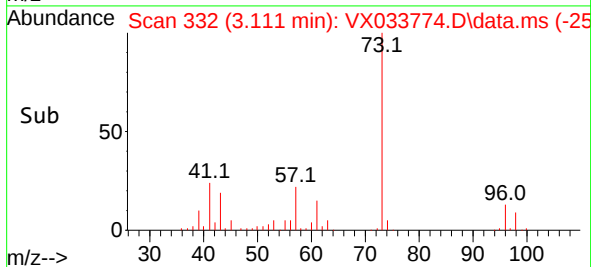
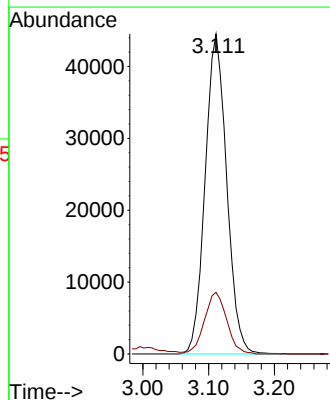
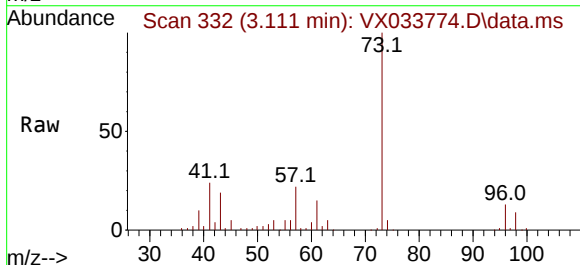
Manual Integrations
APPROVED

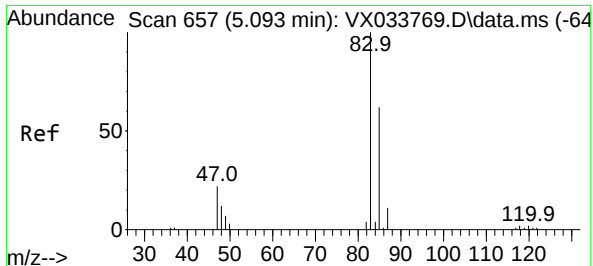
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#24
Methyl tert-Butyl Ether
Concen: 21.437 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 73 Resp: 101342
Ion Ratio Lower Upper
73 100
43 19.9 16.9 25.3





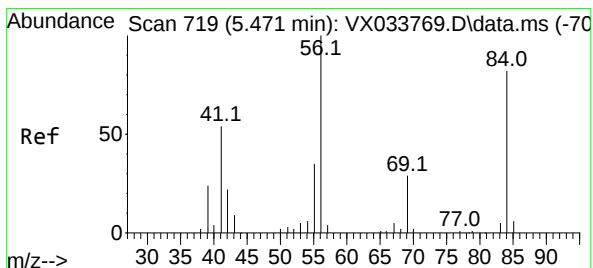
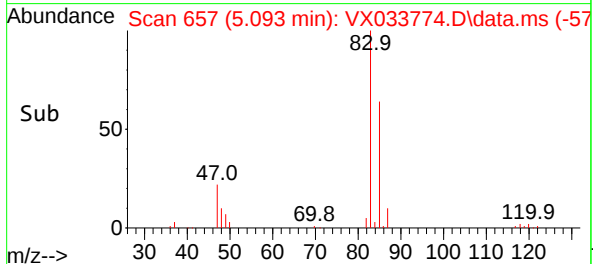
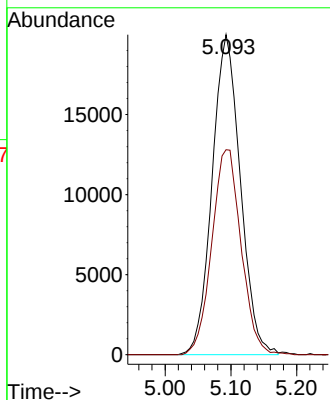
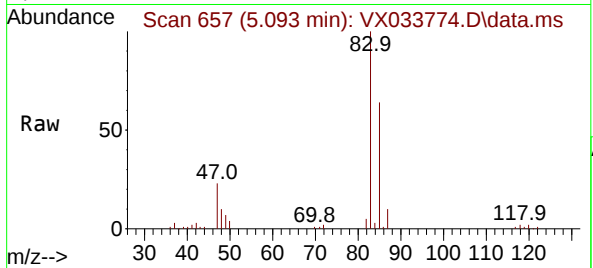
#25
Chloroform
Concen: 21.480 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 83 Resp: 5971
Ion Ratio Lower Upper
83 100
85 64.1 49.7 74.5

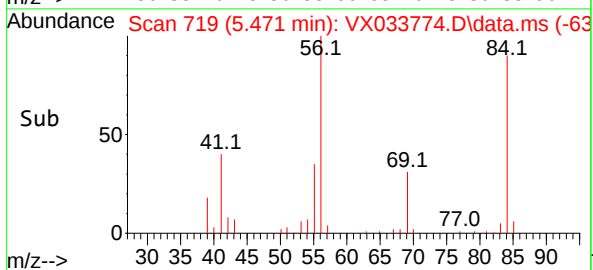
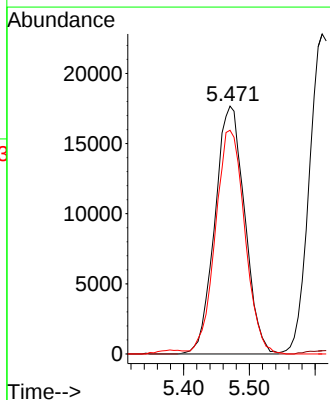
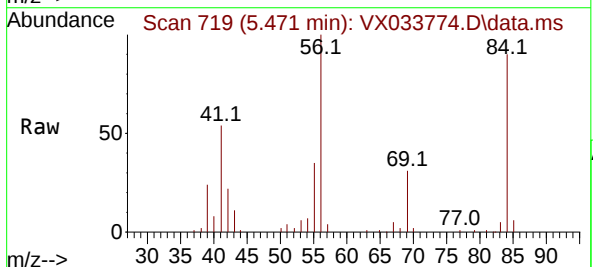
Manual Integrations
APPROVED

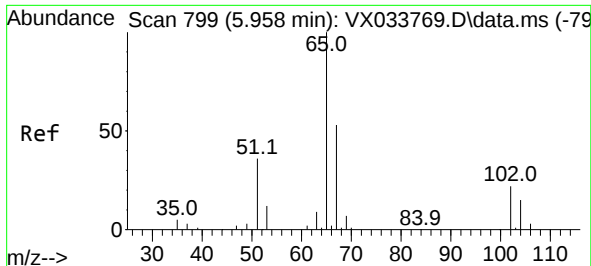
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#26
Cyclohexane
Concen: 22.107 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 56 Resp: 55691
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.4 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 30.800 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 65 Resp: 3829

Ion Ratio Lower Upper

65 100

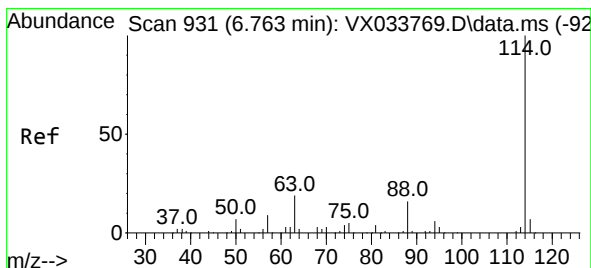
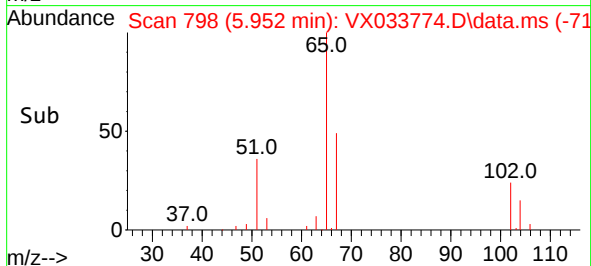
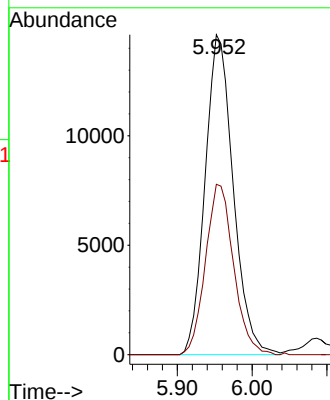
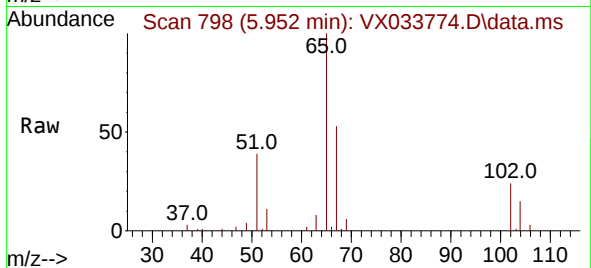
67 53.2 43.0 64.4

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: VX033774.D

Acq: 18 Jan 2023 15:00

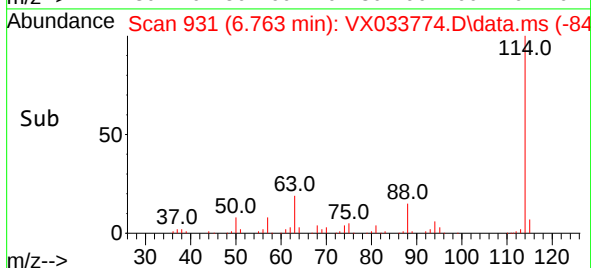
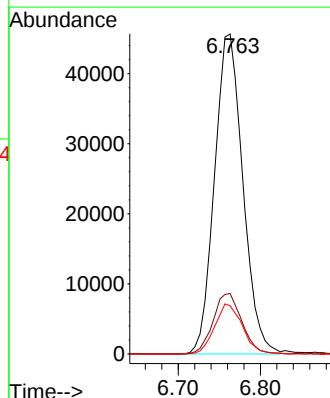
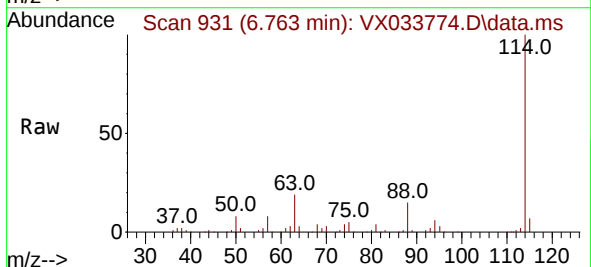
Tgt Ion:114 Resp: 109512

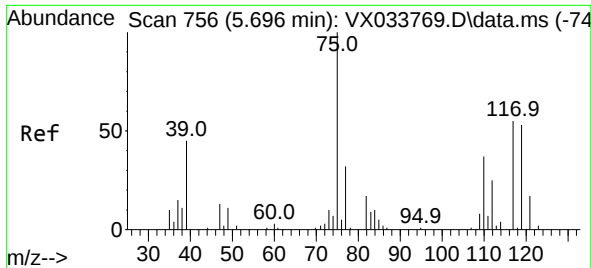
Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 15.3 12.4 18.6





#29

1,1-Dichloropropene

Concen: 21.408 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 75 Resp: 4503

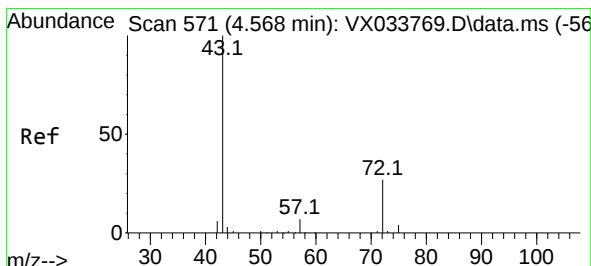
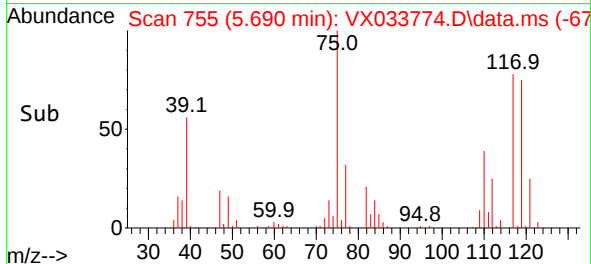
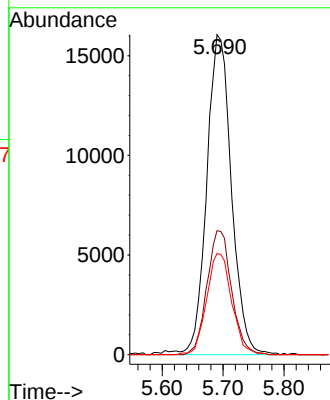
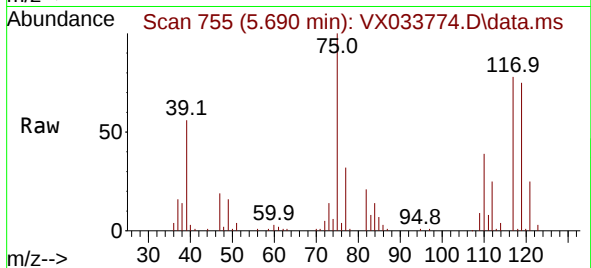
Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	75.8
77	32.1	0.0	62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#30

2-Butanone

Concen: 104.905 ug/l

RT: 4.562 min Scan# 570

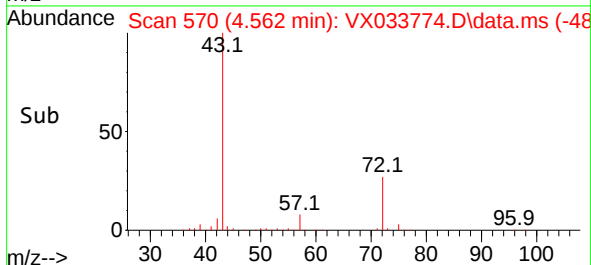
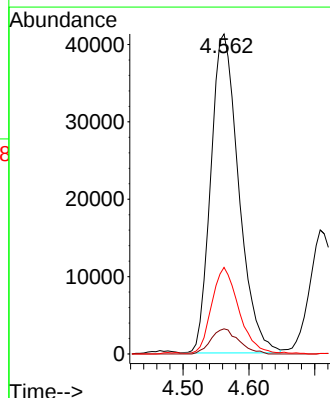
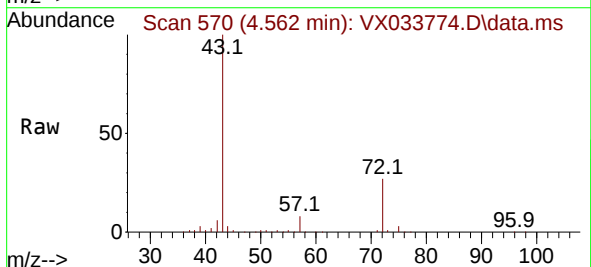
Delta R.T. -0.006 min

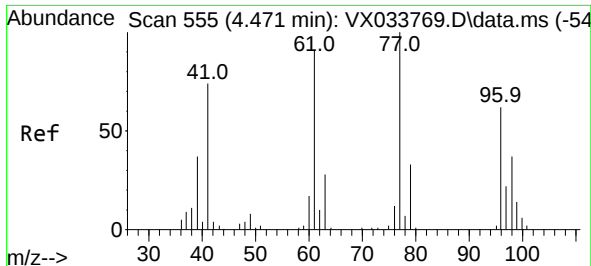
Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion: 43 Resp: 121913

Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.0	9.0
72	26.4	20.6	30.8





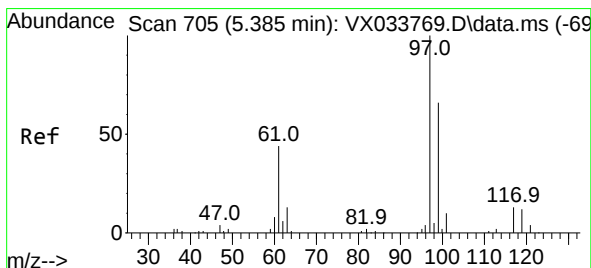
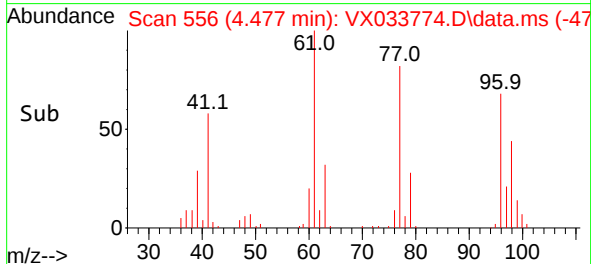
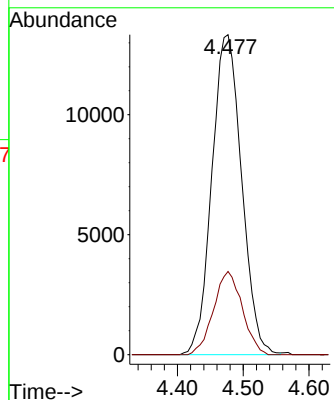
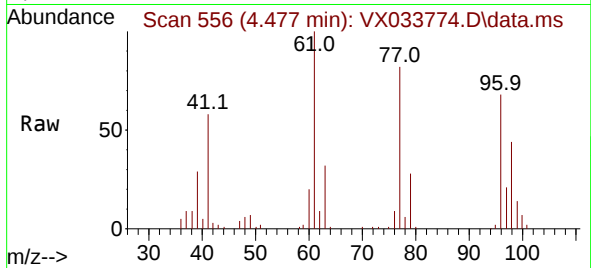
#31
2,2-Dichloropropane
Concen: 21.045 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVX011823

Tgt Ion: 77 Resp: 41984
Ion Ratio Lower Upper
77 100
97 25.1 19.6 29.4

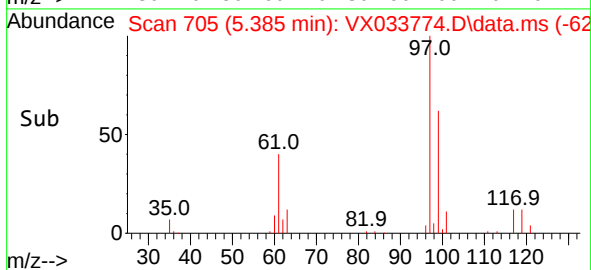
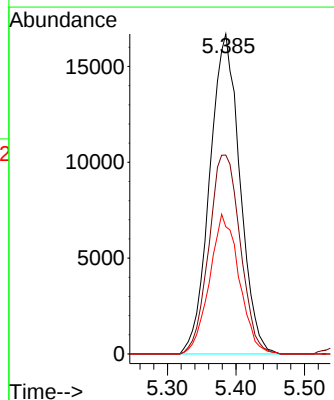
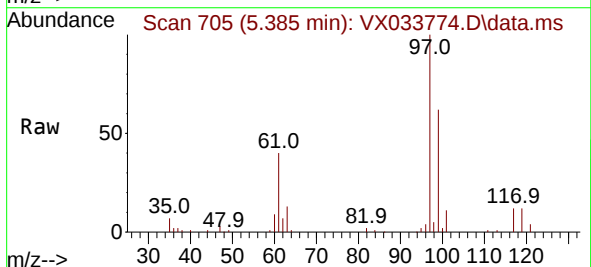
Manual Integrations
APPROVED

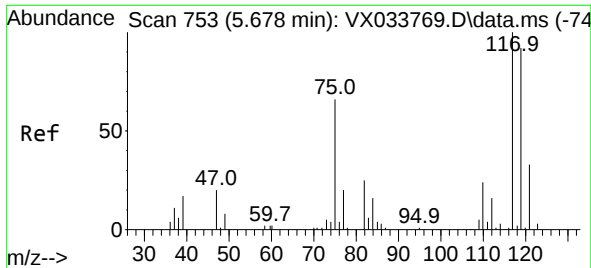
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#32
1,1,1-Trichloroethane
Concen: 21.058 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

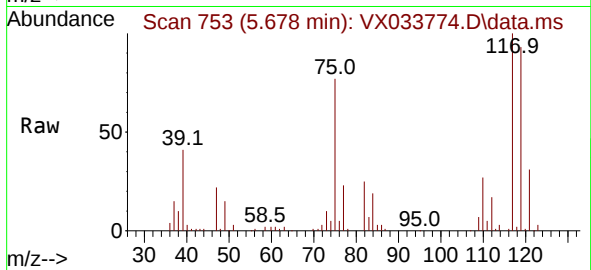
Tgt Ion: 97 Resp: 51009
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.9 34.7 52.1





#33
Carbon Tetrachloride
Concen: 20.888 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

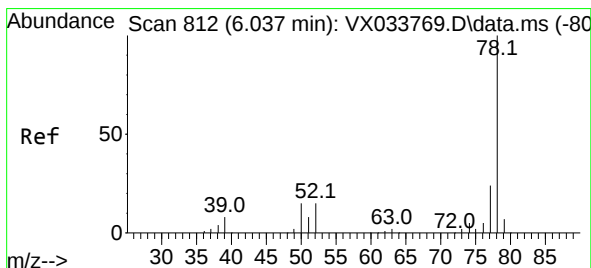
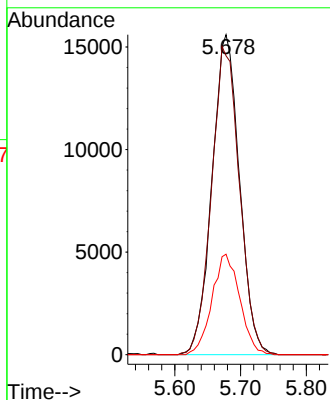
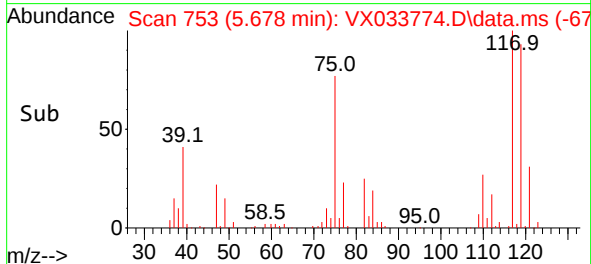
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion:117 Resp: 45280
Ion Ratio Lower Upper
117 100
119 93.4 73.8 110.6
121 31.4 26.2 39.4

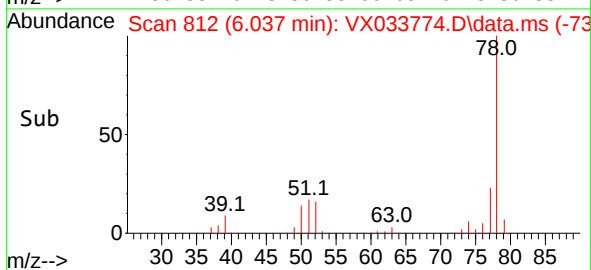
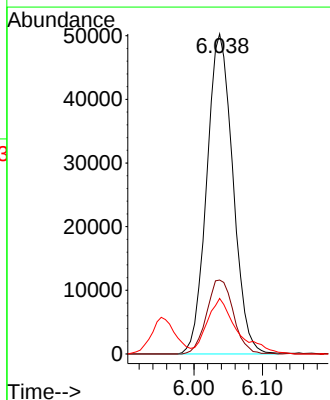
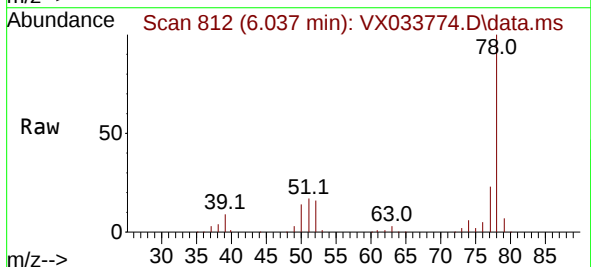
Manual Integrations
APPROVED

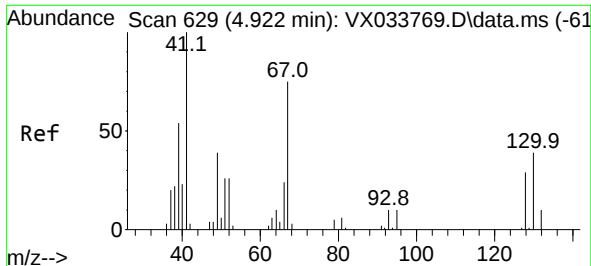
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#34
Benzene
Concen: 21.287 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 78 Resp: 132891
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3
51 16.8 11.9 17.9





#35

Methacrylonitrile

Concen: 21.078 ug/l

RT: 4.922 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 41 Resp: 2667

Ion Ratio Lower Upper

41 100

39 52.4 27.0 80.8

67 67.1 37.3 111.8

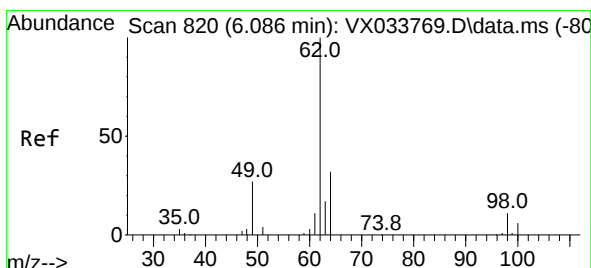
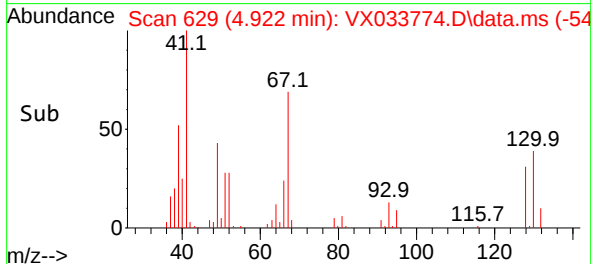
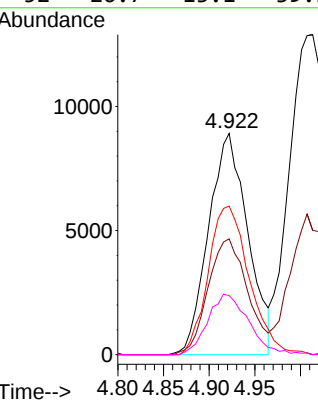
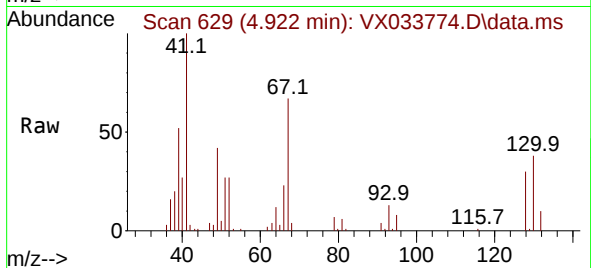
52 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#36

1,2-Dichloroethane

Concen: 21.077 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033774.D

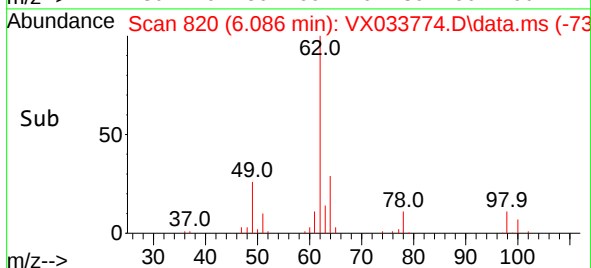
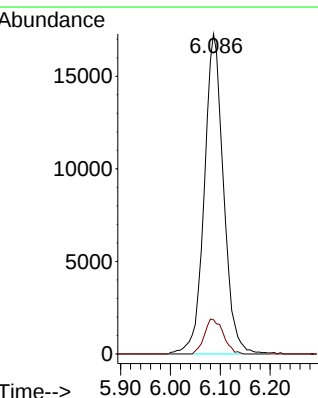
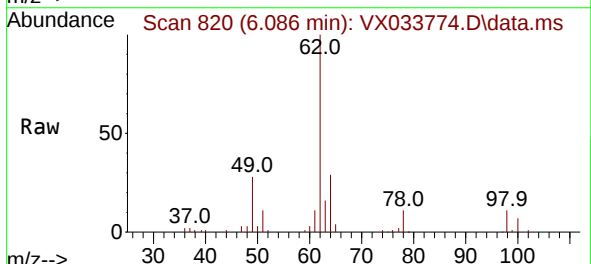
Acq: 18 Jan 2023 15:00

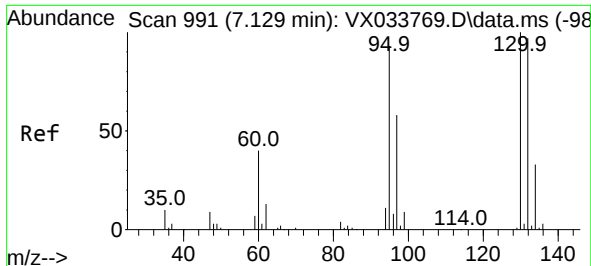
Tgt Ion: 62 Resp: 46282

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4





#37
Trichloroethene
Concen: 21.257 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

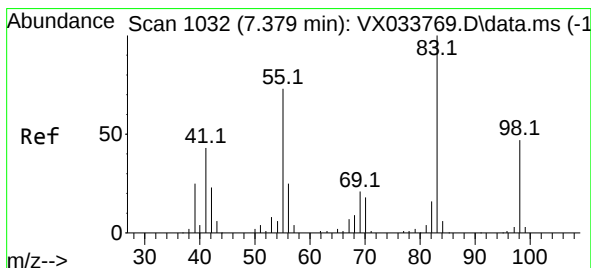
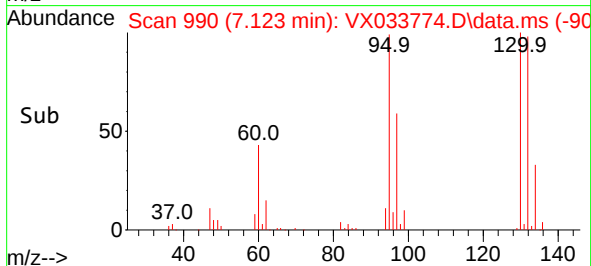
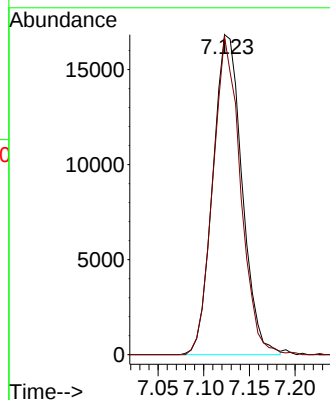
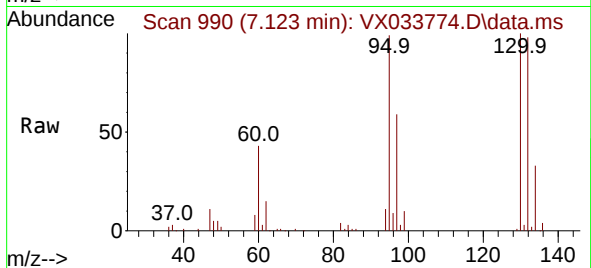
ICVX011823

Tgt Ion:130 Resp: 37478
Ion Ratio Lower Upper
130 100
95 99.4 74.1 111.1

Manual Integrations

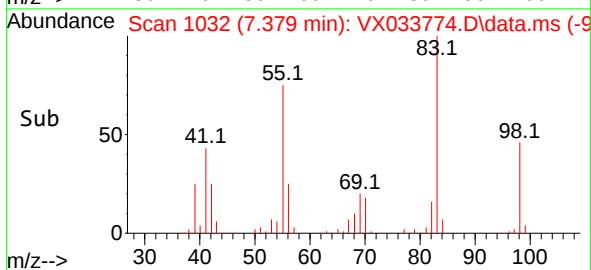
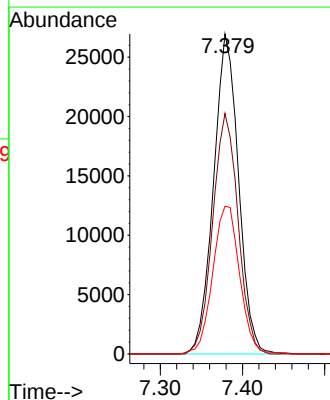
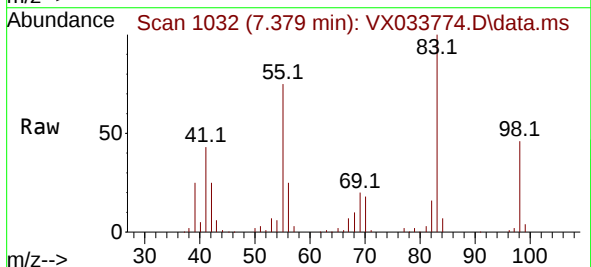
APPROVED

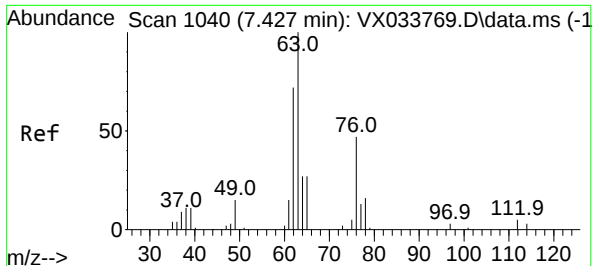
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#38
Methylcyclohexane
Concen: 22.509 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 83 Resp: 56967
Ion Ratio Lower Upper
83 100
55 76.2 38.9 116.6
98 49.7 25.4 76.4





#39

1,2-Dichloropropane

Concen: 21.660 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 63 Resp: 3310

Ion Ratio Lower Upper

63 100

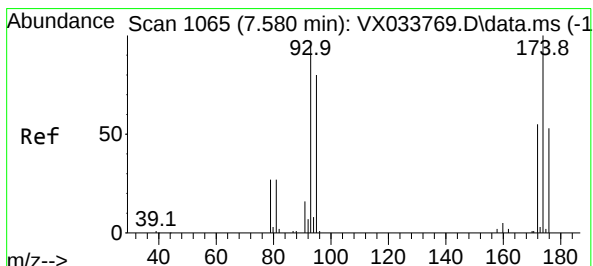
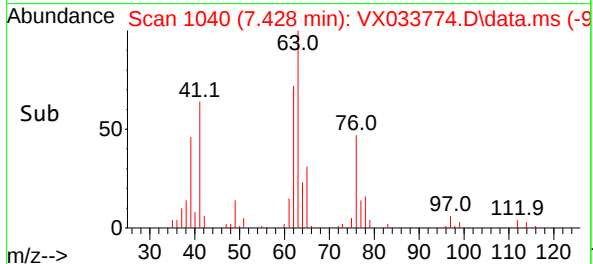
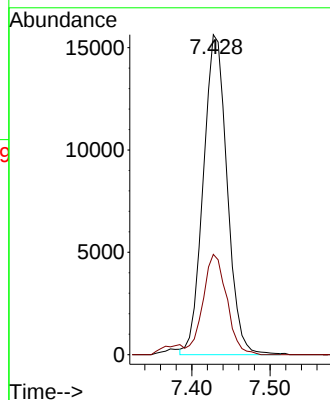
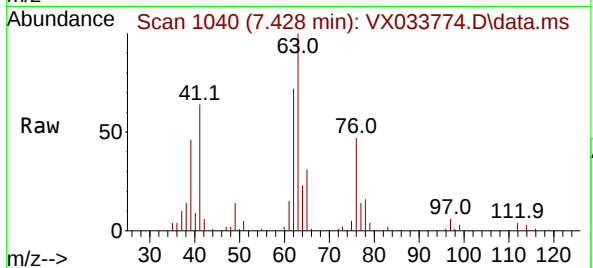
65 31.4 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#40

Dibromomethane

Concen: 22.067 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

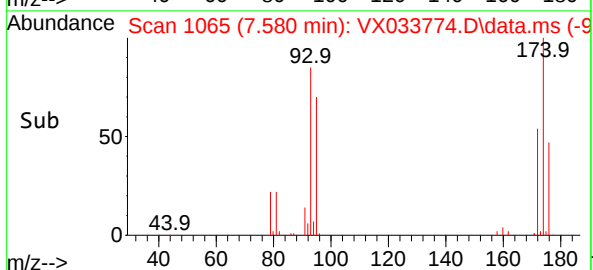
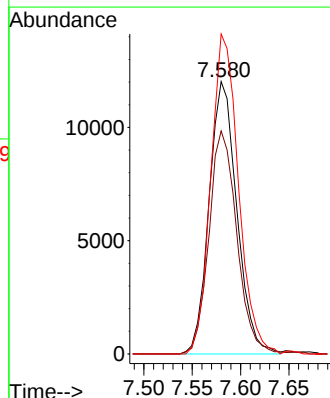
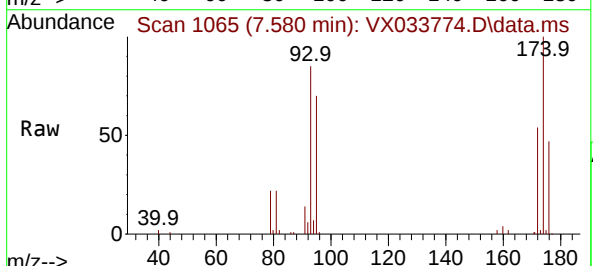
Tgt Ion: 93 Resp: 23971

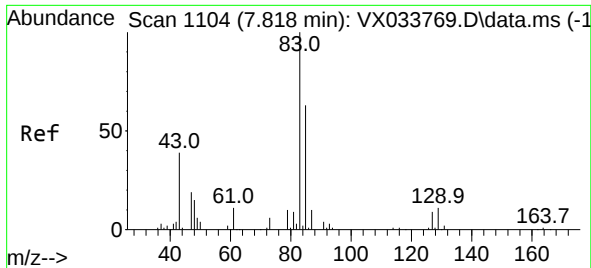
Ion Ratio Lower Upper

93 100

95 82.3 0.0 165.4

174 116.9 0.0 227.2





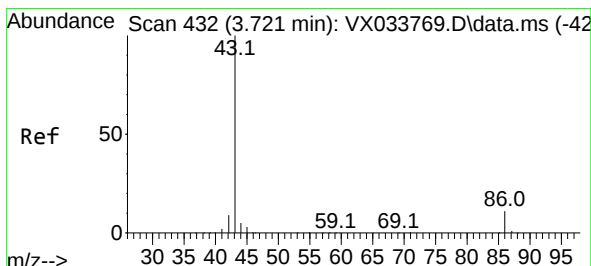
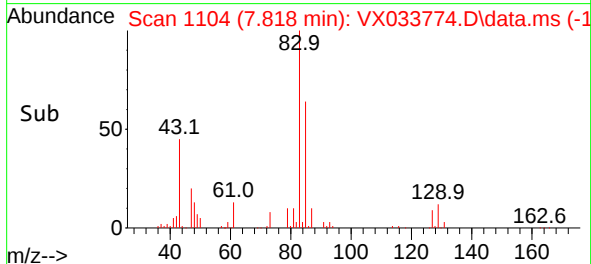
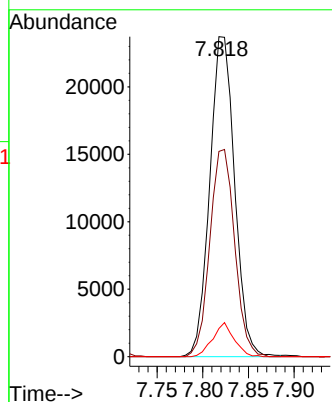
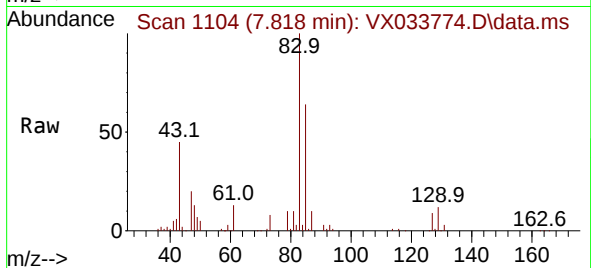
#41
Bromodichloromethane
Concen: 21.692 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 83 Resp: 44958
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.8 7.2 10.8

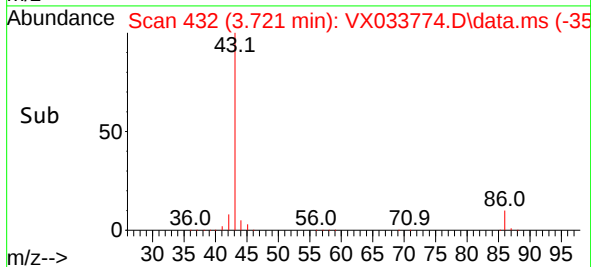
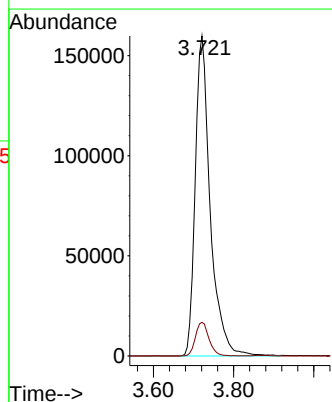
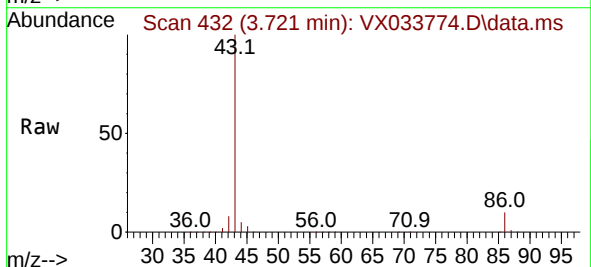
Manual Integrations
APPROVED

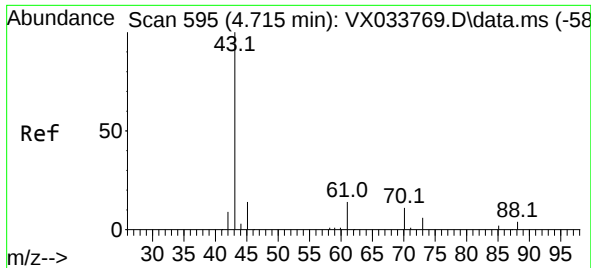
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#42
Vinyl Acetate
Concen: 106.499 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 43 Resp: 415854
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





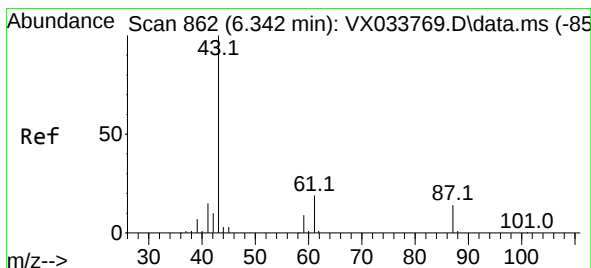
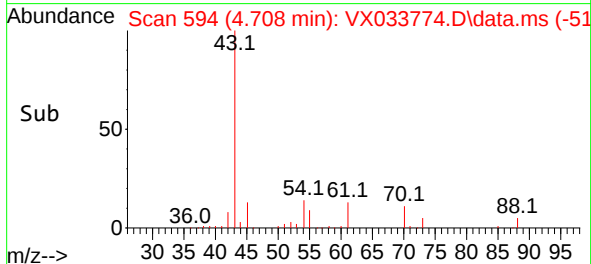
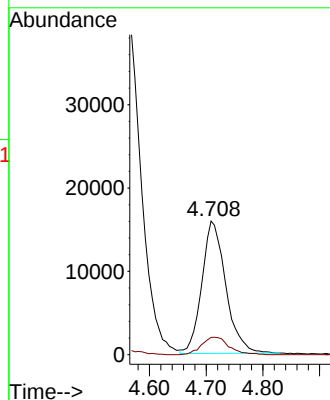
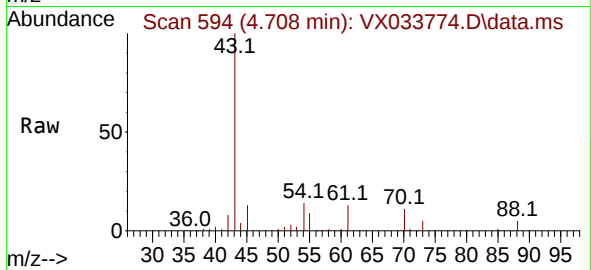
#43
Ethyl Acetate
Concen: 20.530 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument : MSVOA_X
ClientSampleId : ICVVX011823

Tgt Ion: 43 Resp: 46638
Ion Ratio Lower Upper
43 100
45 15.1 12.1 18.1

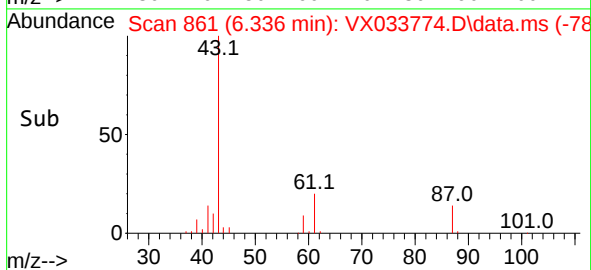
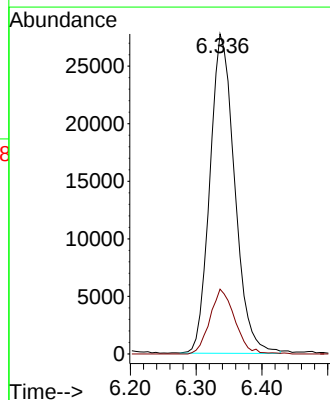
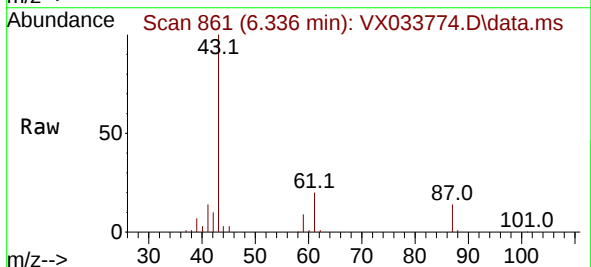
Manual Integrations
APPROVED

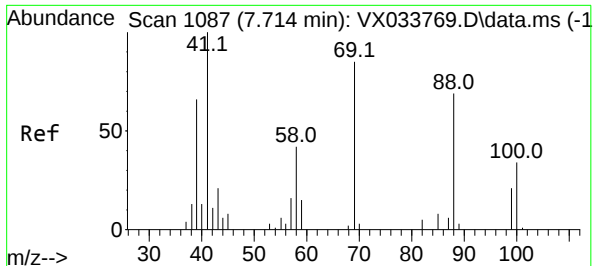
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#44
Isopropyl Acetate
Concen: 21.110 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 43 Resp: 72923
Ion Ratio Lower Upper
43 100
61 20.2 15.6 23.4





#45

1,4-Dioxane

Concen: 381.286 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 88 Resp: 1361

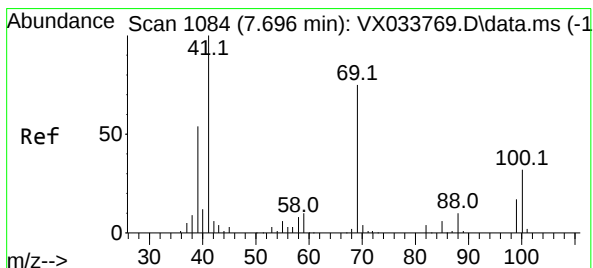
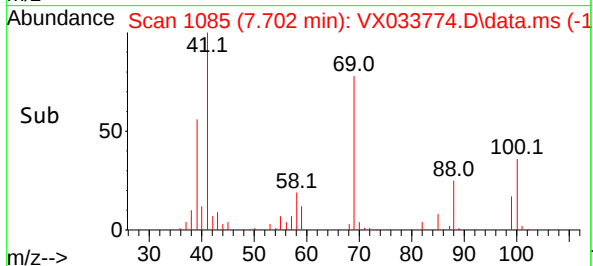
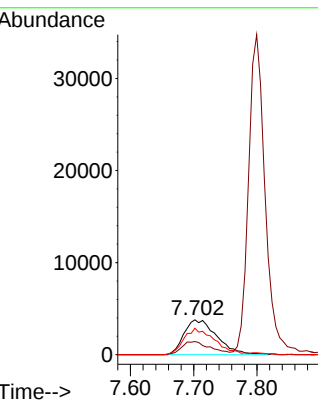
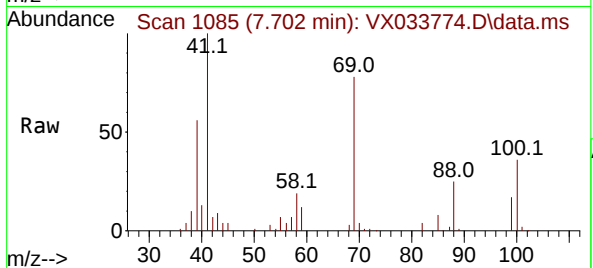
Ion	Ratio	Lower	Upper
88	100		
43	33.3	2.8	4.2
58	71.1	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#46

Methyl methacrylate

Concen: 22.569 ug/l

RT: 7.690 min Scan# 1083

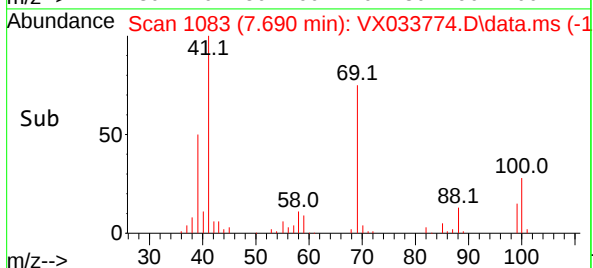
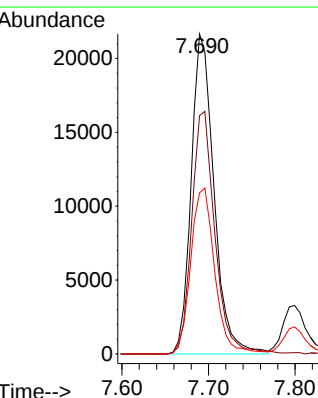
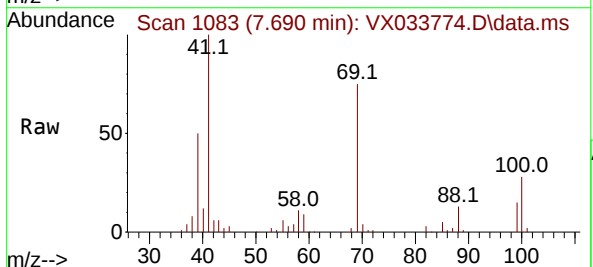
Delta R.T. -0.006 min

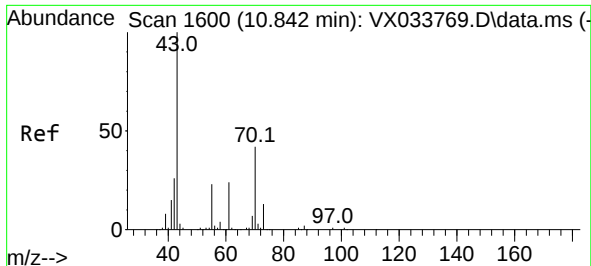
Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion: 41 Resp: 39585

Ion	Ratio	Lower	Upper
41	100		
69	74.5	37.4	112.2
39	50.4	27.2	81.5





#47

n-amy1 Acetate

Concen: 20.982 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVX011823

Tgt Ion: 43 Resp: 61140

Ion Ratio Lower Upper

43 100

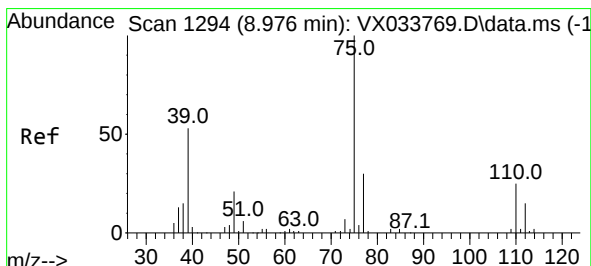
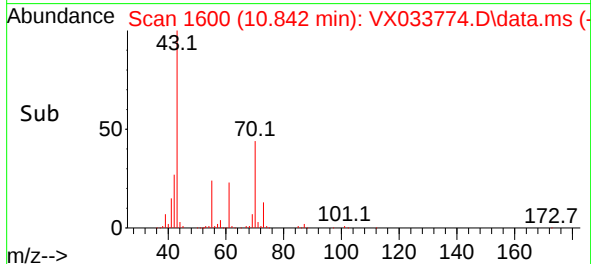
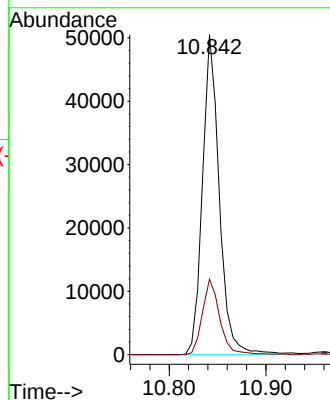
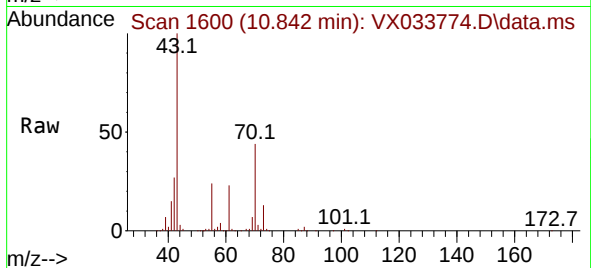
55 24.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#48

t-1,3-Dichloropropene

Concen: 20.441 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033774.D

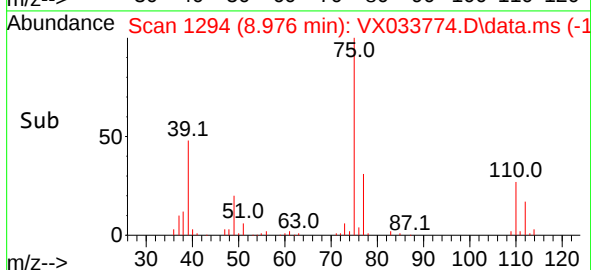
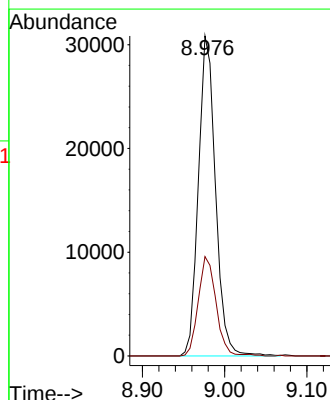
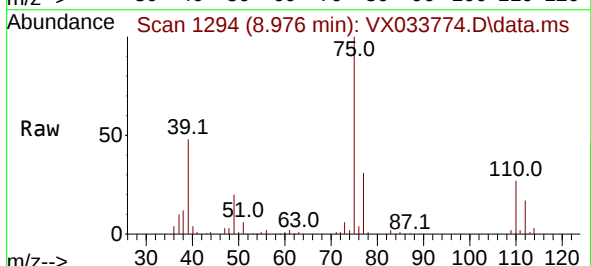
Acq: 18 Jan 2023 15:00

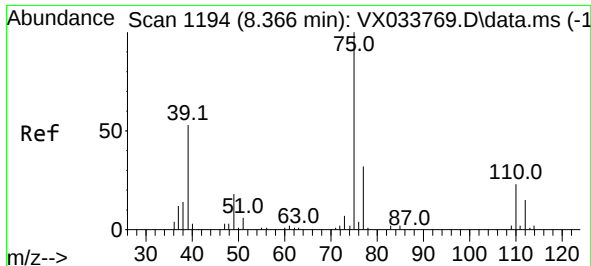
Tgt Ion: 75 Resp: 44633

Ion Ratio Lower Upper

75 100

77 31.1 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 20.978 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 75 Resp: 5170

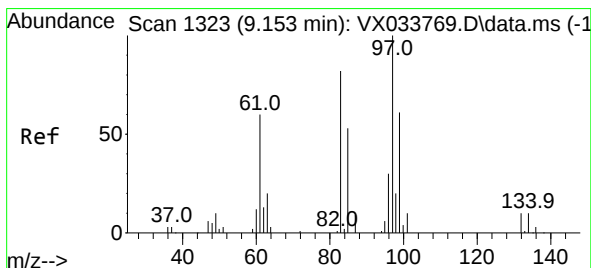
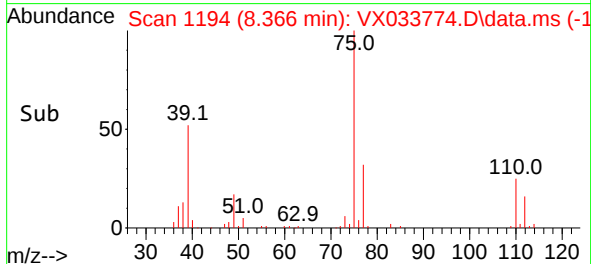
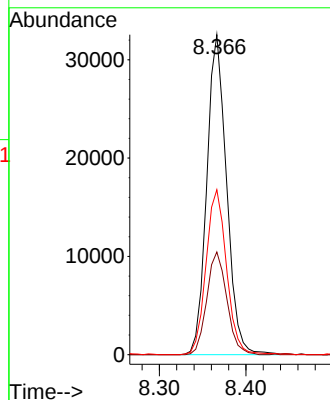
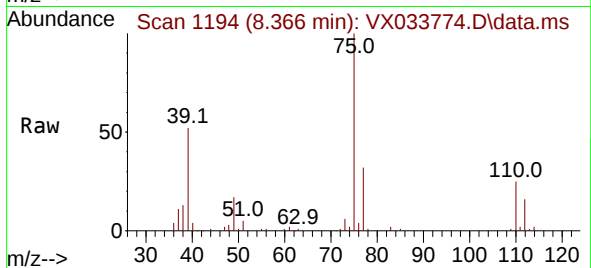
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.8
39	51.5	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#50

1,1,2-Trichloroethane

Concen: 21.651 ug/l

RT: 9.153 min Scan# 1323

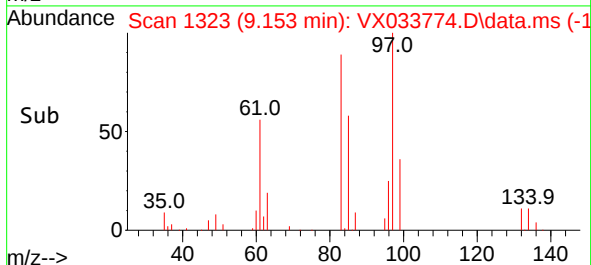
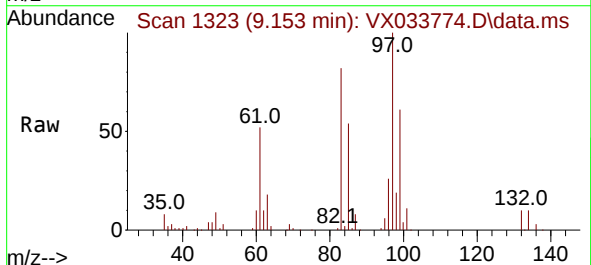
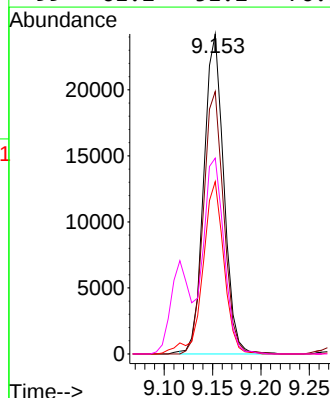
Delta R.T. 0.000 min

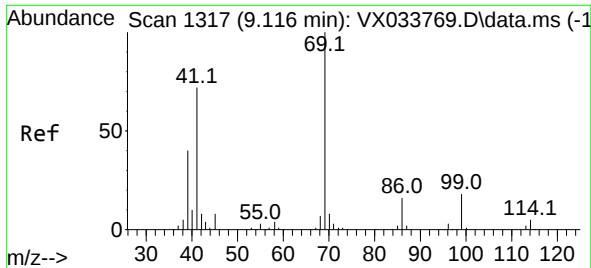
Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion: 97 Resp: 34890

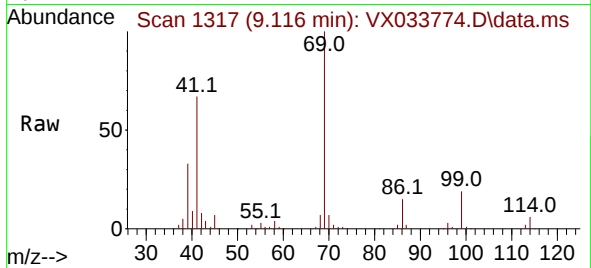
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.4	98.0
85	53.8	42.5	63.7
99	61.2	51.2	76.8





#51
Ethyl methacrylate
Concen: 21.343 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

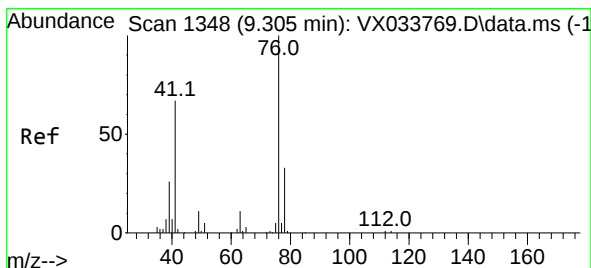
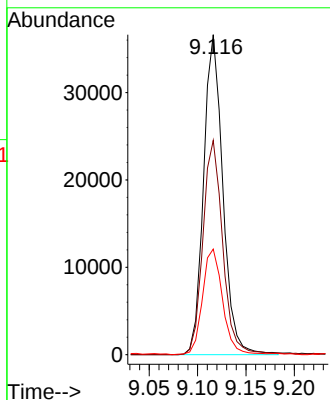
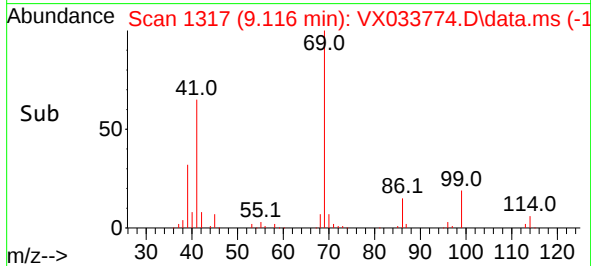
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion: 69 Resp: 50950
Ion Ratio Lower Upper
69 100
41 67.0 35.8 107.3
39 32.8 20.2 60.6

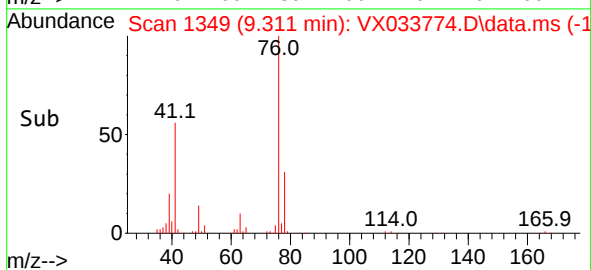
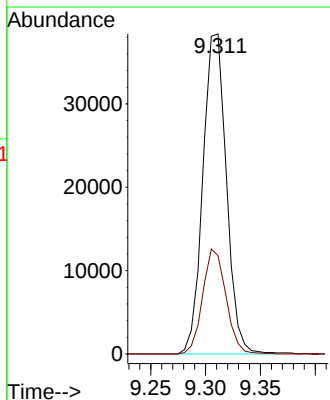
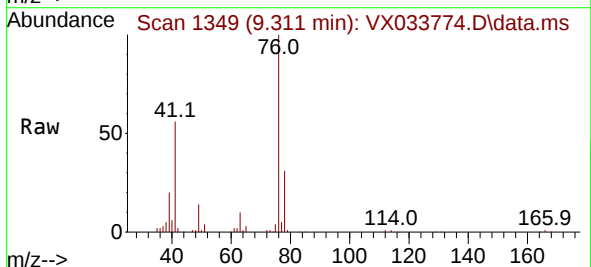
Manual Integrations
APPROVED

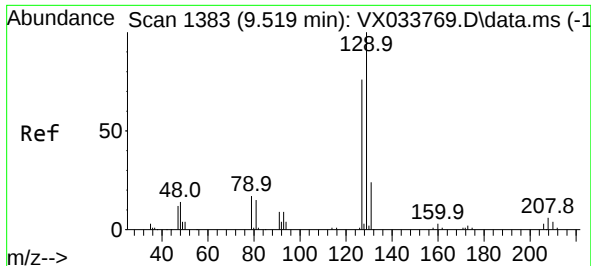
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#52
1,3-Dichloropropane
Concen: 21.138 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 76 Resp: 57404
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





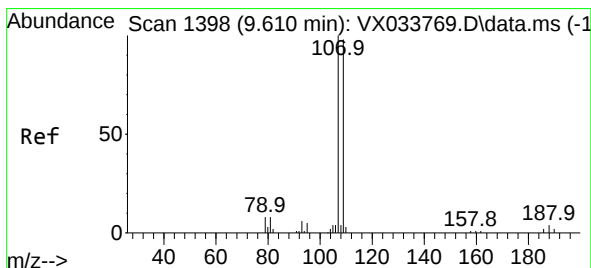
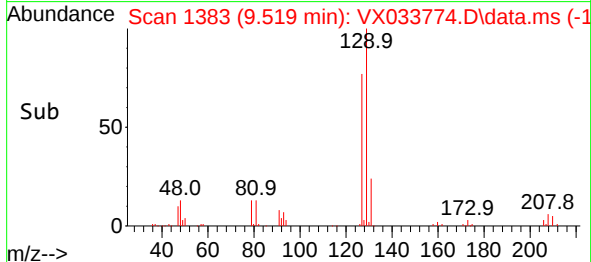
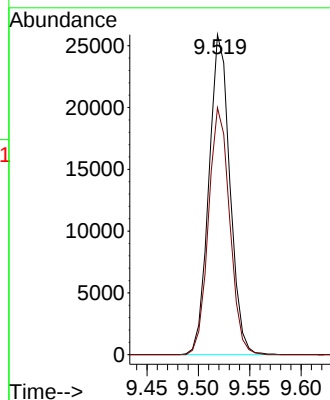
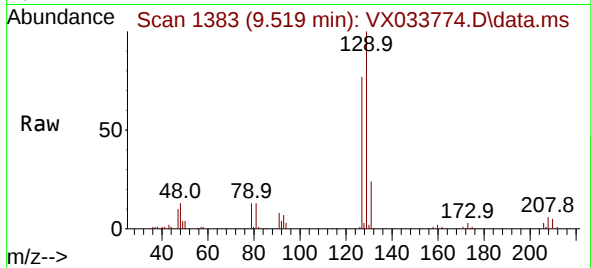
#53
Dibromochloromethane
Concen: 20.959 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:129 Resp: 3688
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

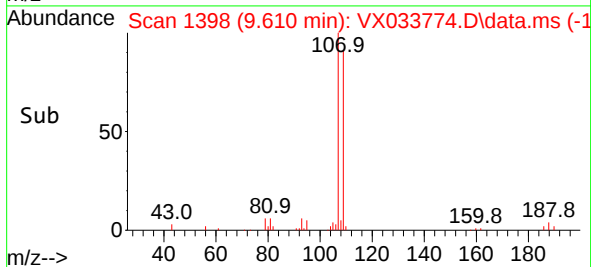
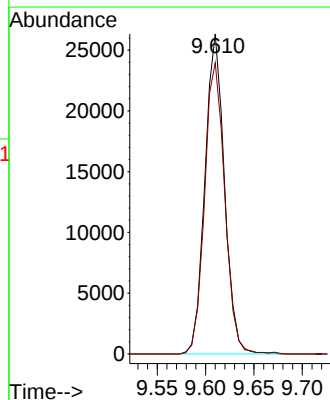
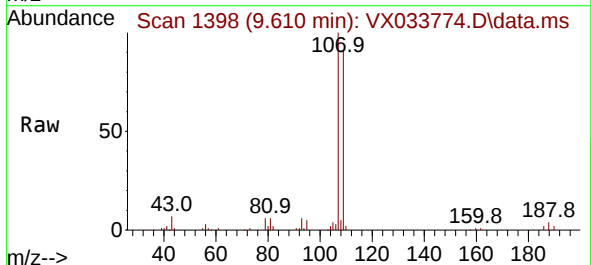
Manual Integrations
APPROVED

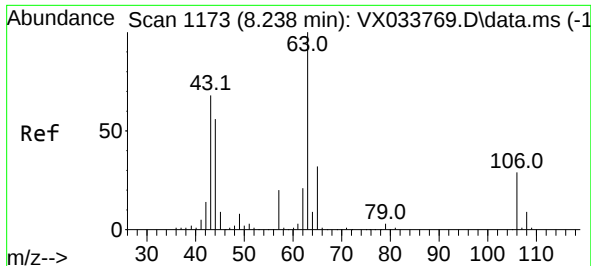
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#54
1,2-Dibromoethane
Concen: 21.253 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion:107 Resp: 36996
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 103.997 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

Tgt Ion: 63 Resp: 11657

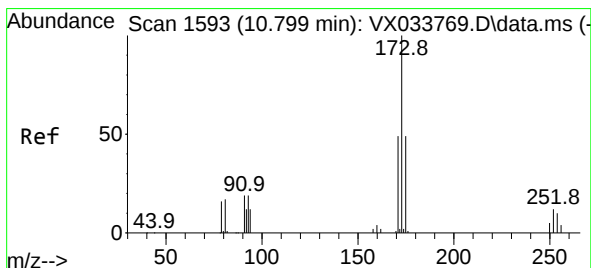
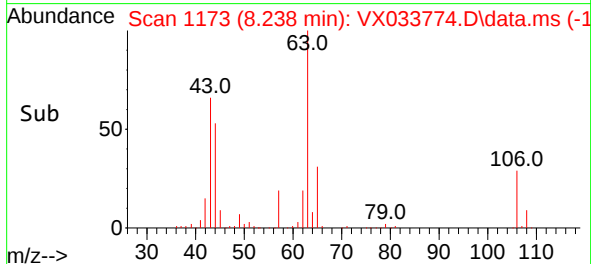
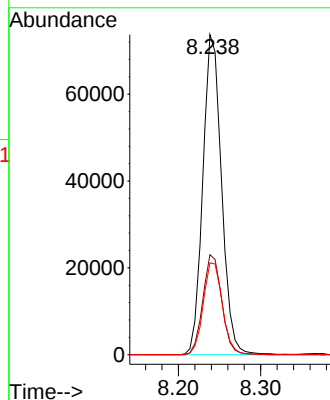
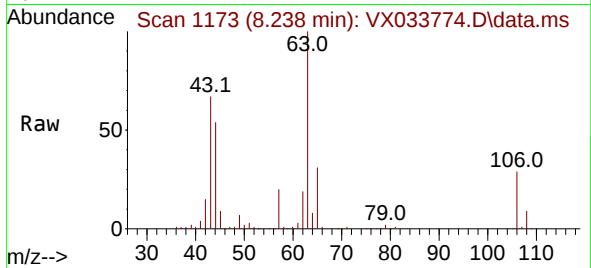
Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.4	38.2
106	29.5	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#56

Bromoform

Concen: 21.033 ug/l

RT: 10.799 min Scan# 1593

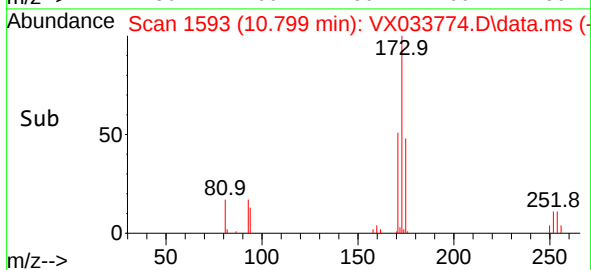
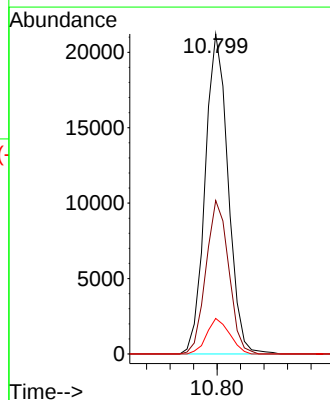
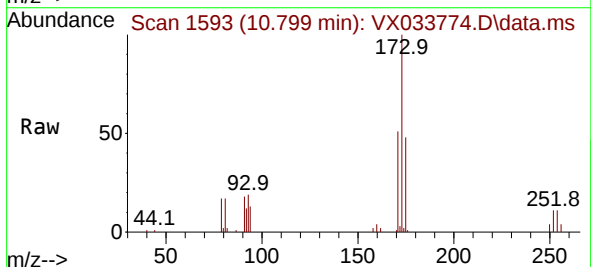
Delta R.T. 0.000 min

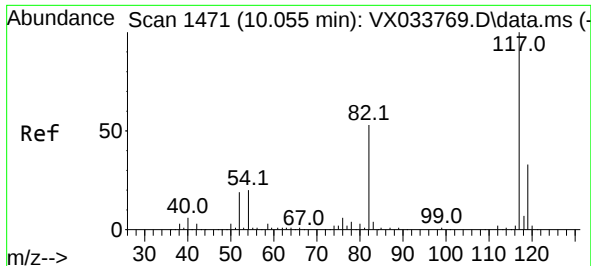
Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion:173 Resp: 28730

Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.8	59.6
254	11.1	9.0	13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVX011823

Tgt Ion: 117 Resp: 122178

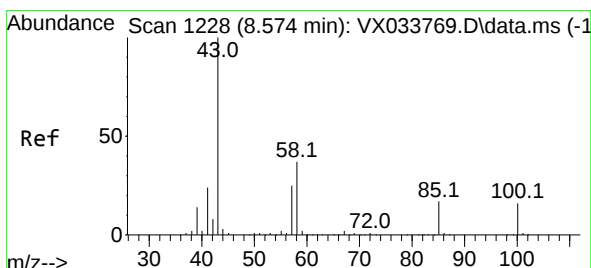
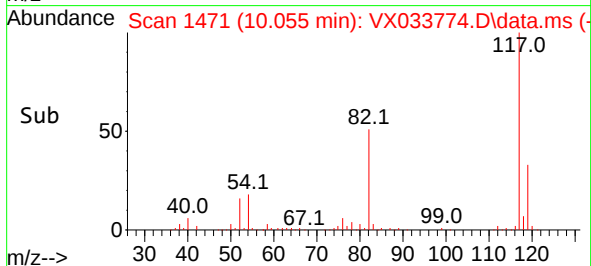
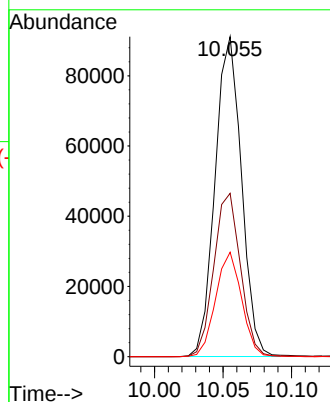
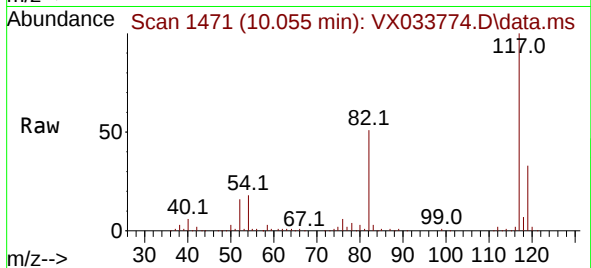
Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	64.0
119	32.2	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#58

4-Methyl-2-Pentanone

Concen: 110.030 ug/l

RT: 8.574 min Scan# 1228

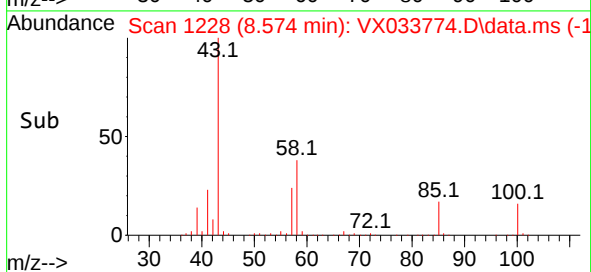
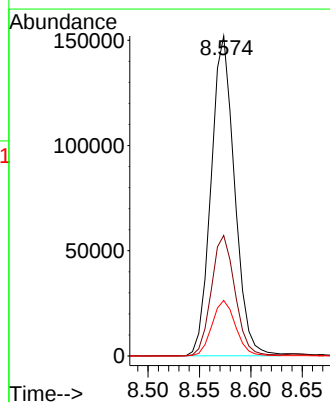
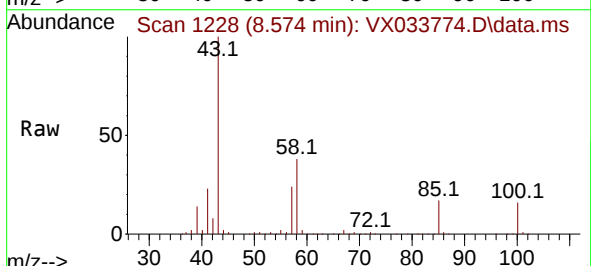
Delta R.T. 0.000 min

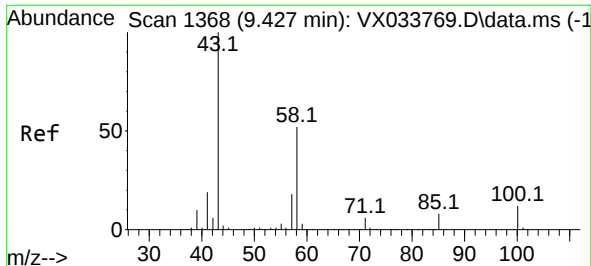
Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion: 43 Resp: 241637

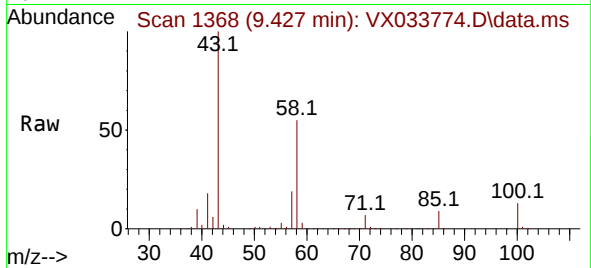
Ion	Ratio	Lower	Upper
43	100		
58	38.2	29.8	44.6
85	17.6	13.7	20.5





#59
2-Hexanone
Concen: 107.024 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

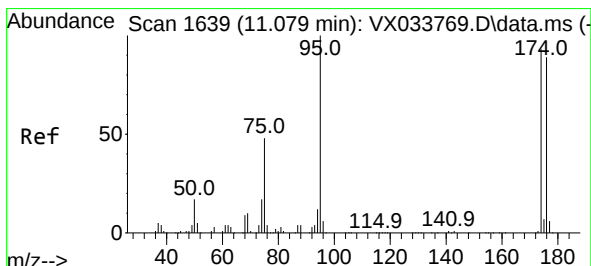
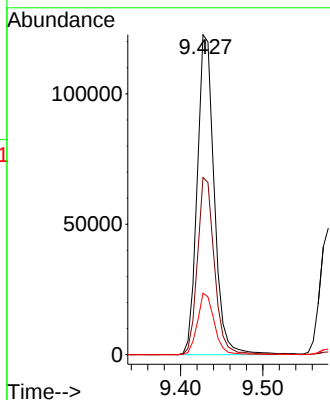
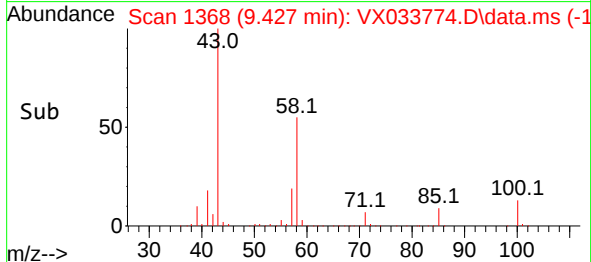
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion: 43 Resp: 176598
Ion Ratio Lower Upper
43 100
58 55.0 41.6 62.4
57 19.0 14.6 21.8

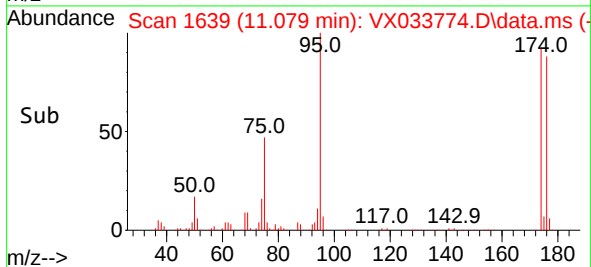
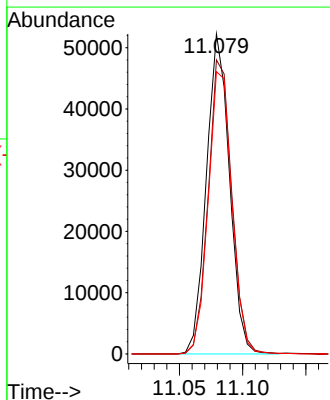
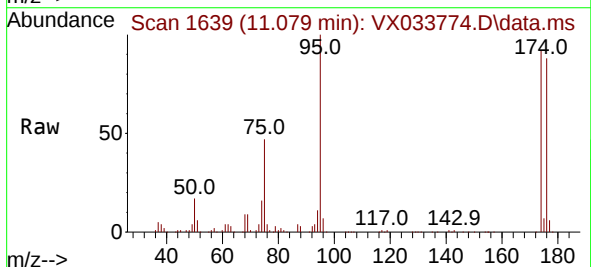
Manual Integrations
APPROVED

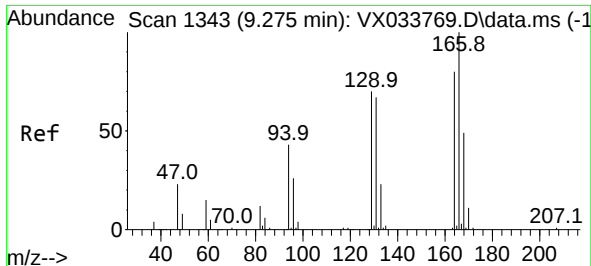
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#60
4-Bromofluorobenzene
Concen: 30.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 95 Resp: 66281
Ion Ratio Lower Upper
95 100
174 94.2 74.6 111.8
176 90.7 72.2 108.2





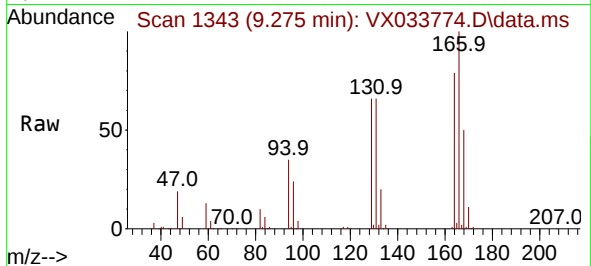
#61
Tetrachloroethene
Concen: 22.171 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823



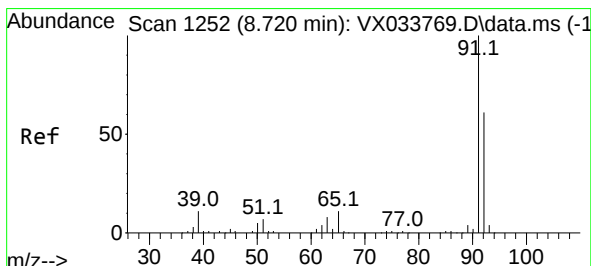
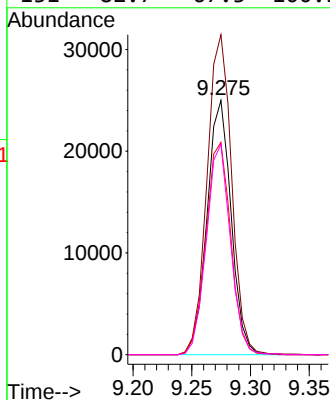
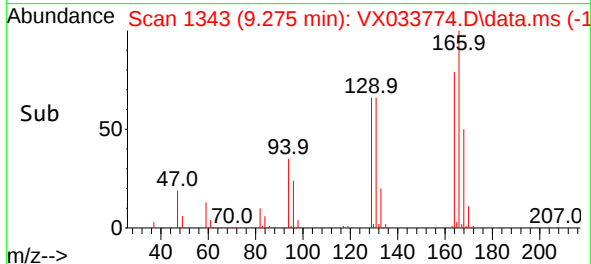
Tgt Ion:164 Resp: 35670
Ion Ratio Lower Upper
164 100
166 125.9 100.6 151.0
129 83.5 69.9 104.9
131 82.7 67.3 100.9

Manual Integrations

APPROVED

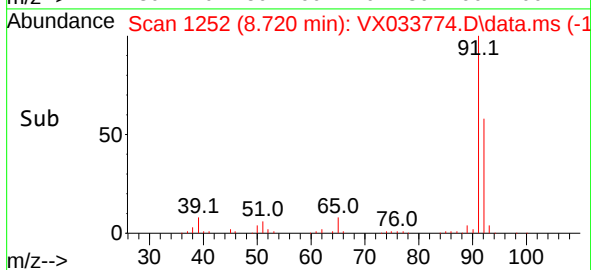
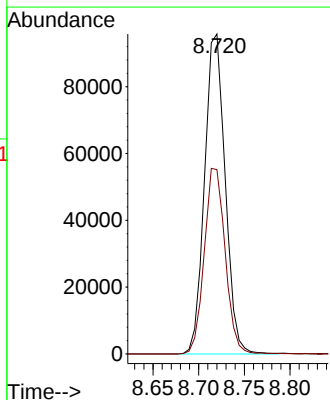
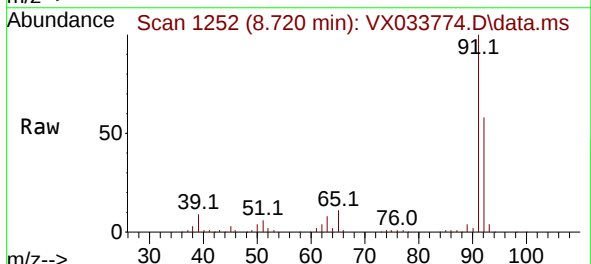
Reviewed By :John Carlone 01/19/2023

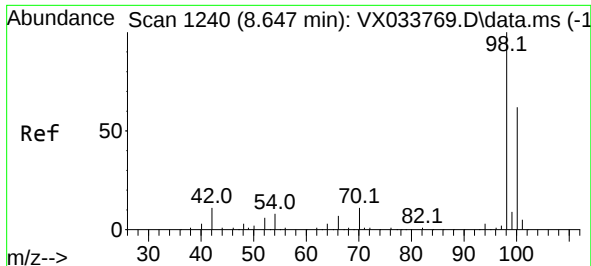
Supervised By :Mahesh Dadoda 01/19/2023



#62
Toluene
Concen: 21.944 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 91 Resp: 149972
Ion Ratio Lower Upper
91 100
92 58.9 47.5 71.3





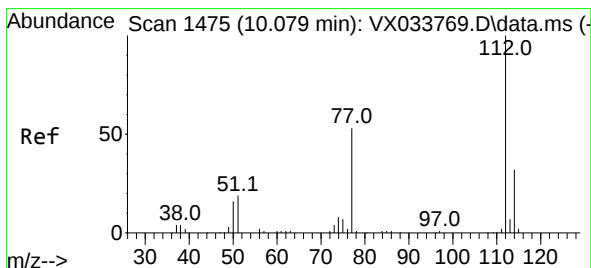
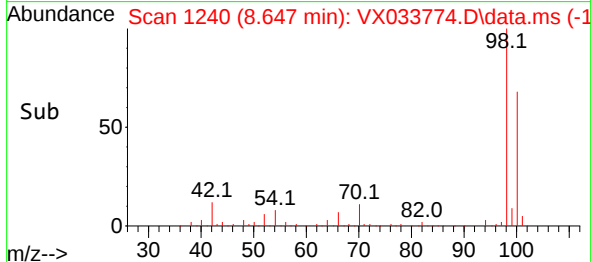
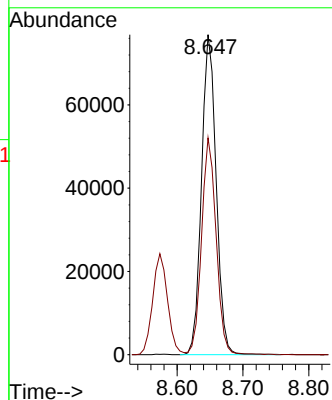
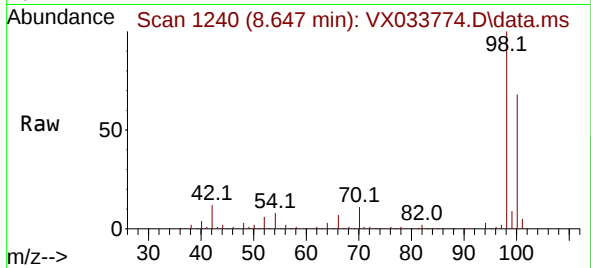
#63
Toluene-d8
Concen: 30.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 98 Resp: 11887
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

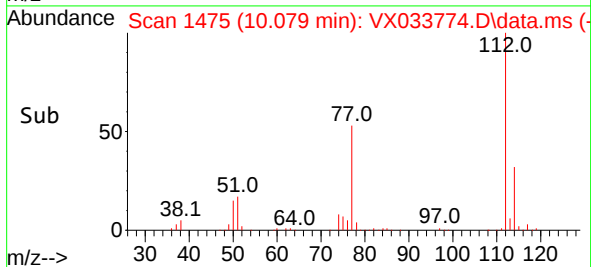
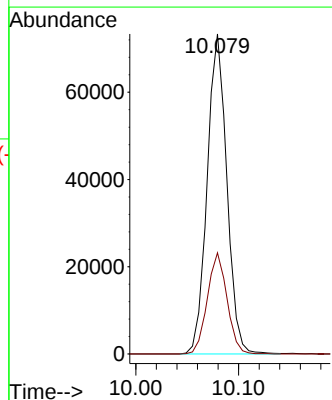
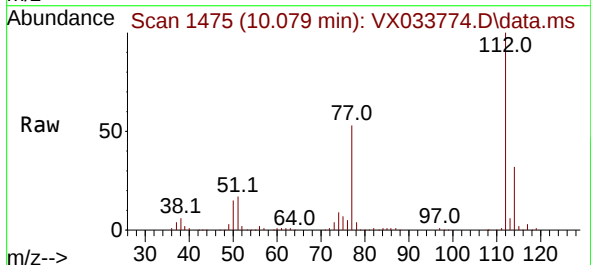
Manual Integrations
APPROVED

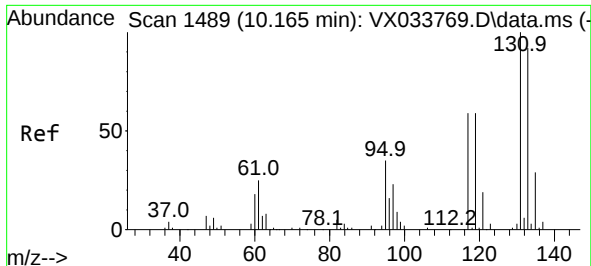
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#64
Chlorobenzene
Concen: 21.394 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion:112 Resp: 97471
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5





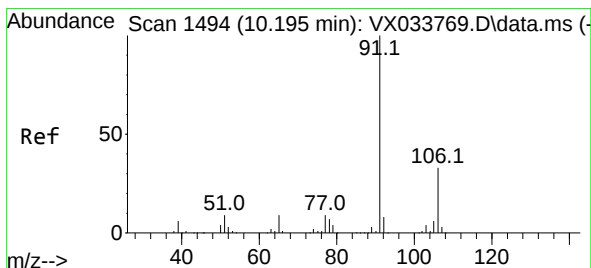
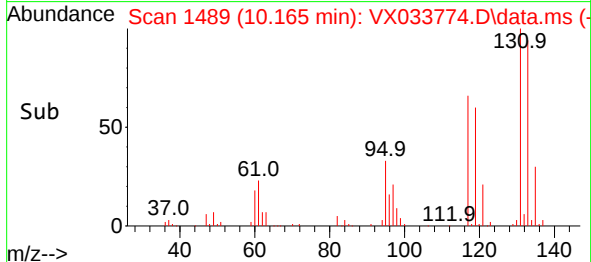
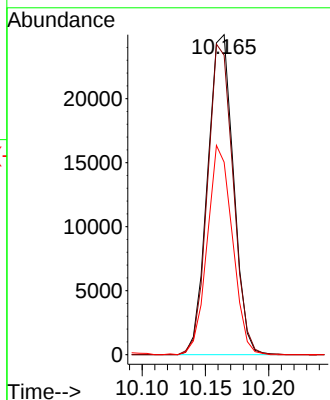
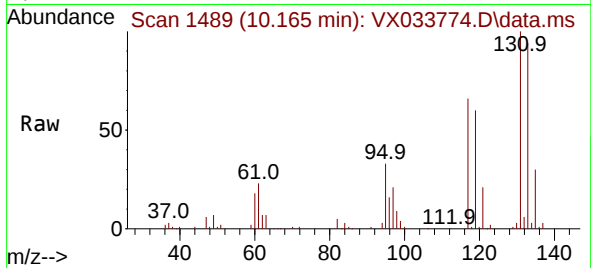
#65
1,1,1,2-Tetrachloroethane
Concen: 21.019 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:131 Resp: 35660
Ion Ratio Lower Upper
131 100
133 95.9 0.0 188.8
119 63.3 0.0 123.4

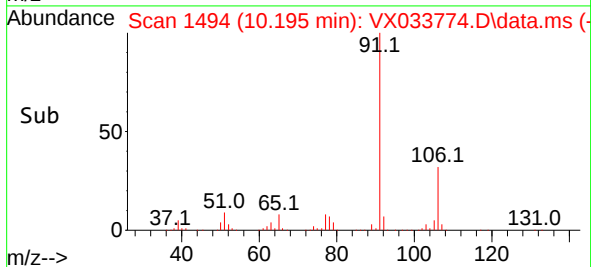
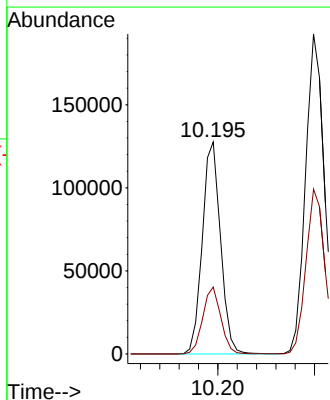
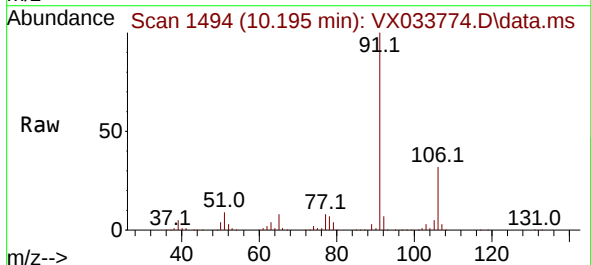
Manual Integrations
APPROVED

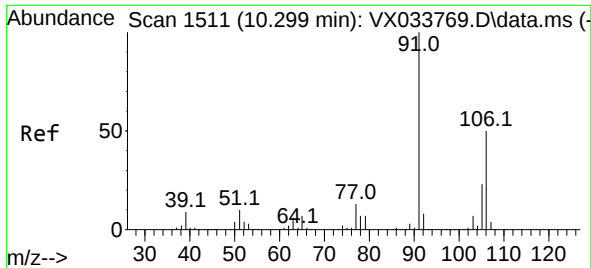
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#66
Ethyl Benzene
Concen: 21.431 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion: 91 Resp: 167621
Ion Ratio Lower Upper
91 100
106 31.6 26.7 40.1





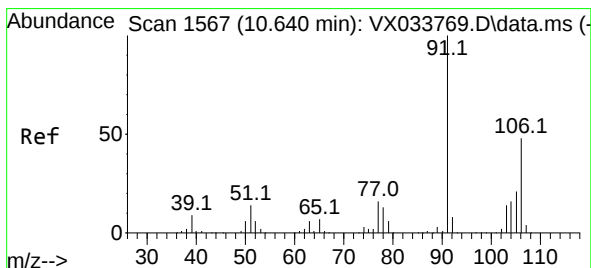
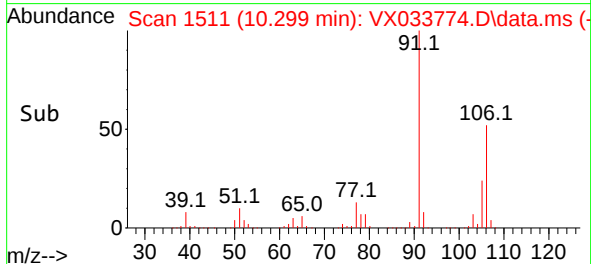
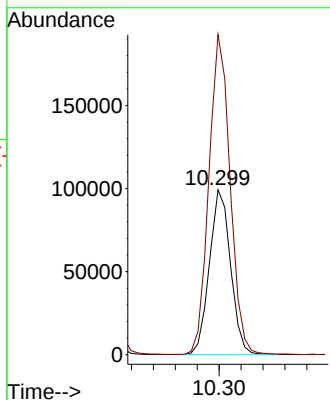
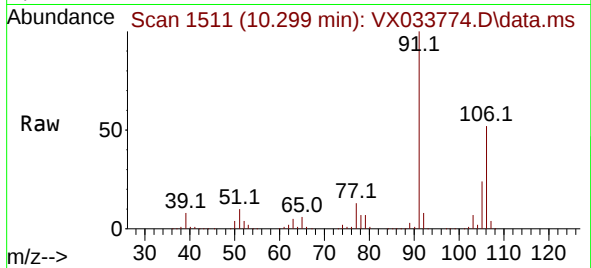
#67
m/p-Xylenes
Concen: 43.133 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:106 Resp: 13322
Ion Ratio Lower Upper
106 100
91 194.0 159.7 239.5

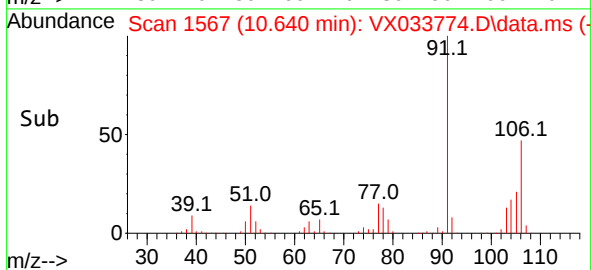
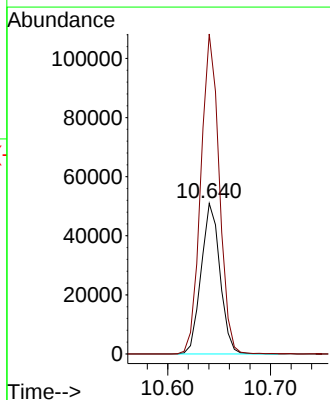
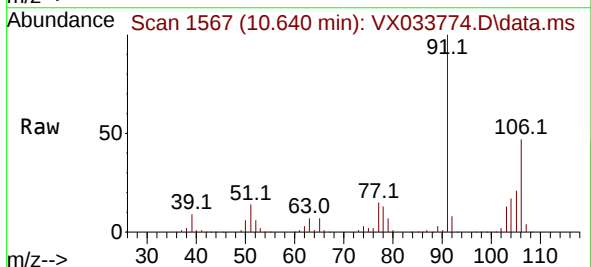
Manual Integrations
APPROVED

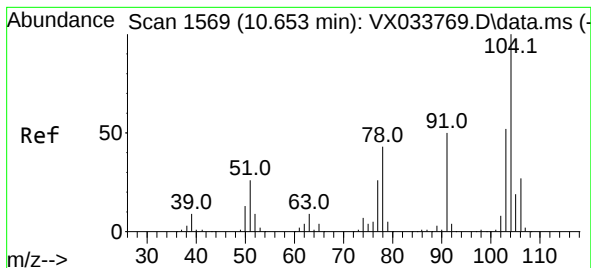
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#68
o-Xylene
Concen: 21.234 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion:106 Resp: 65037
Ion Ratio Lower Upper
106 100
91 207.7 102.8 308.5





#69

Styrene

Concen: 21.476 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011823

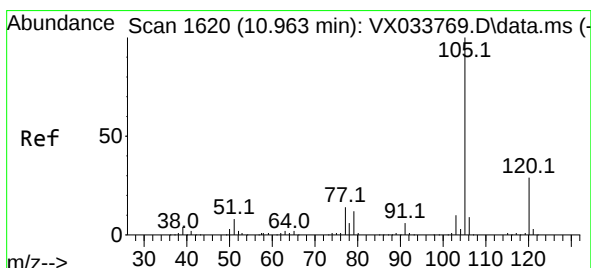
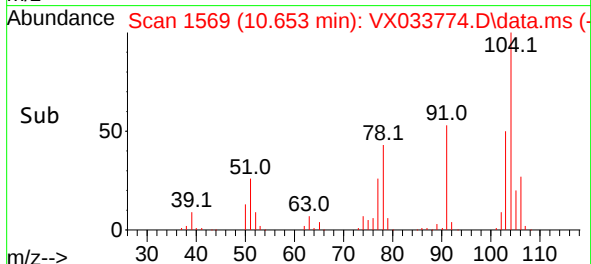
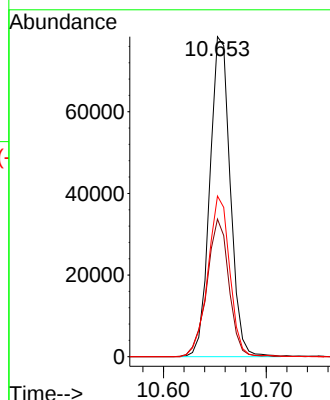
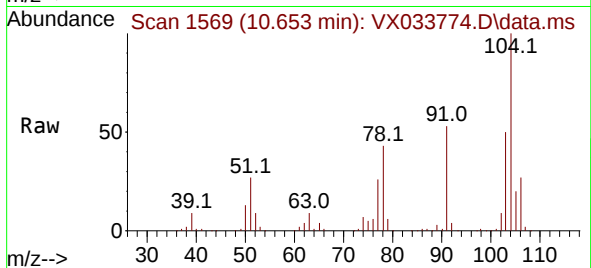
Tgt Ion:104 Resp: 10820
 Ion Ratio Lower Upper
 104 100
 78 46.4 37.6 56.4
 103 53.6 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2023

Supervised By :Mahesh Dadoda 01/19/2023



#70

Isopropylbenzene

Concen: 21.619 ug/l

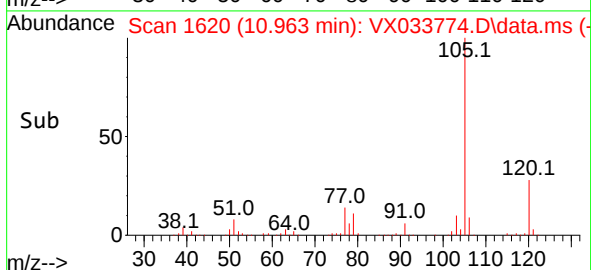
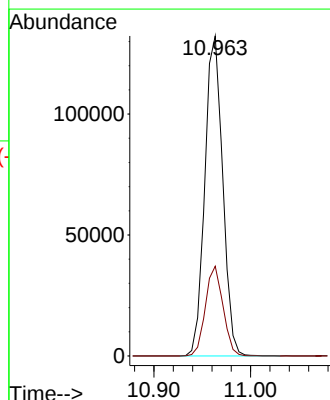
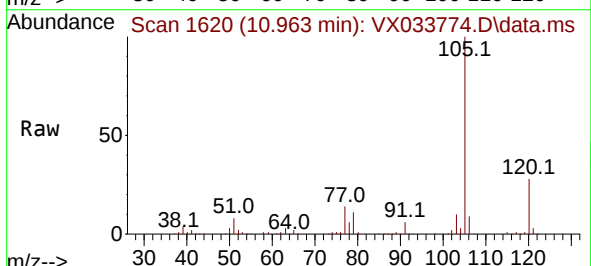
RT: 10.963 min Scan# 1620

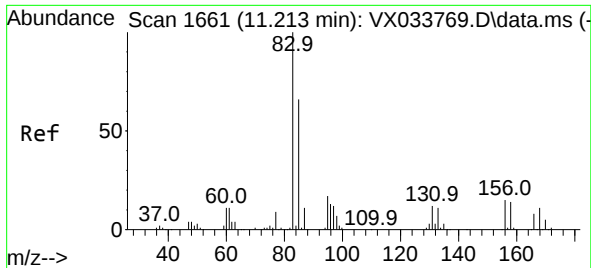
Delta R.T. 0.000 min

Lab File: VX033774.D

Acq: 18 Jan 2023 15:00

Tgt Ion:105 Resp: 170566
 Ion Ratio Lower Upper
 105 100
 120 27.6 19.7 36.5





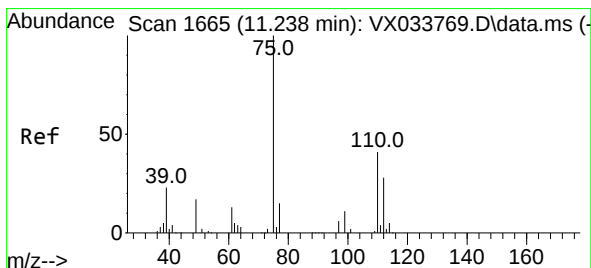
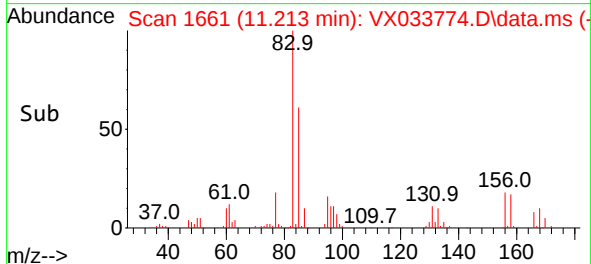
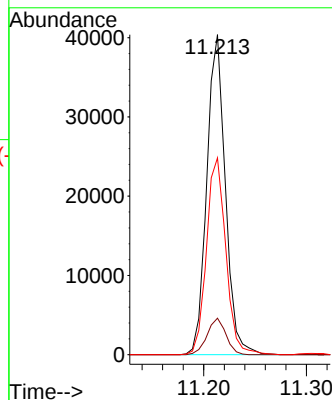
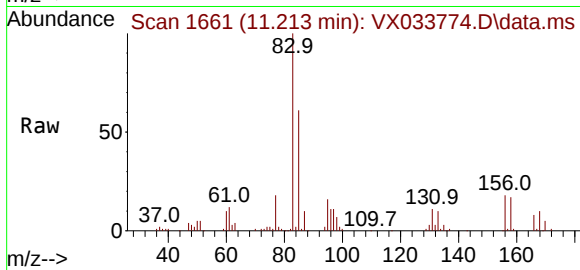
#71
1,1,2,2-Tetrachloroethane
Concen: 21.513 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 83 Resp: 5089
Ion Ratio Lower Upper
83 100
131 11.5 5.7 17.0
85 64.2 33.3 99.8

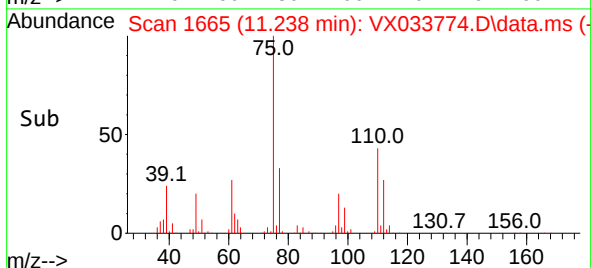
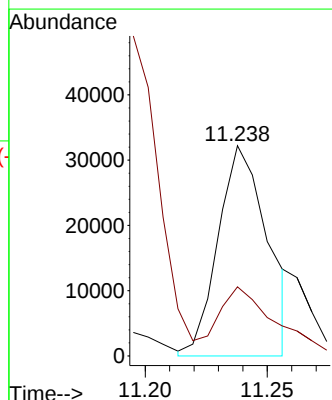
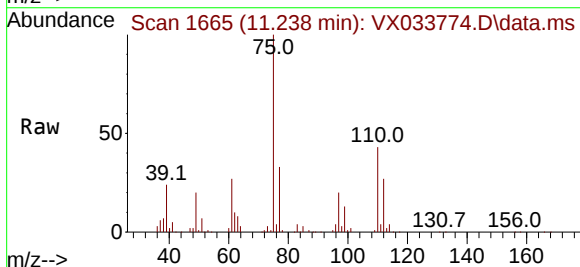
Manual Integrations
APPROVED

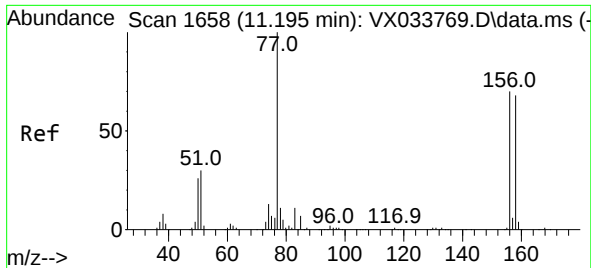
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#72
1,2,3-Trichloropropane
Concen: 21.006 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

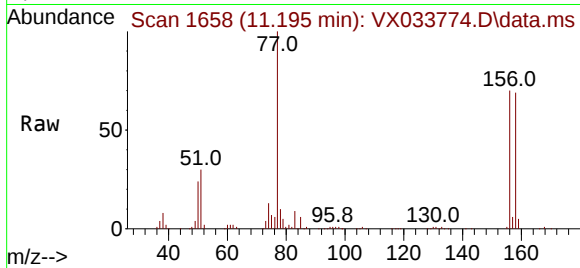
Tgt Ion: 75 Resp: 45275
Ion Ratio Lower Upper
75 100
77 38.6 0.0 75.6





#73
Bromobenzene
Concen: 21.556 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

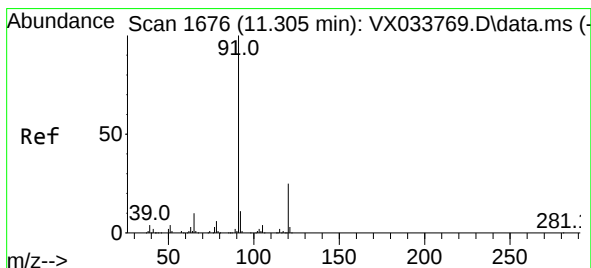
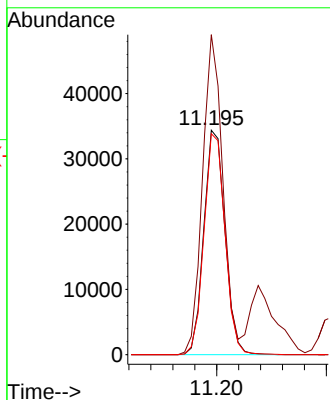
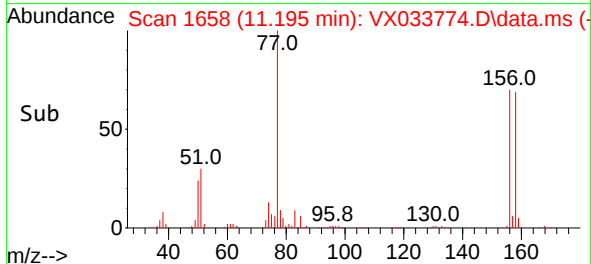
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



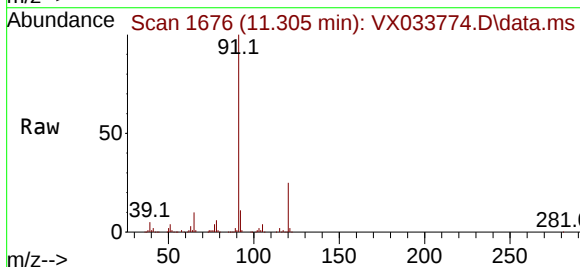
Tgt Ion:156 Resp: 46059
Ion Ratio Lower Upper
156 100
77 136.2 0.0 269.4
158 97.8 0.0 192.6

Manual Integrations
APPROVED

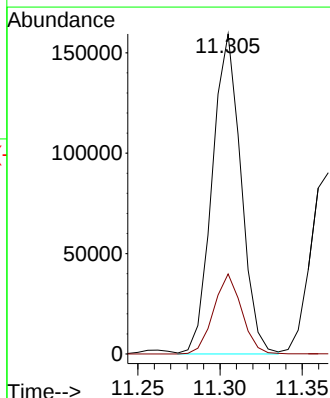
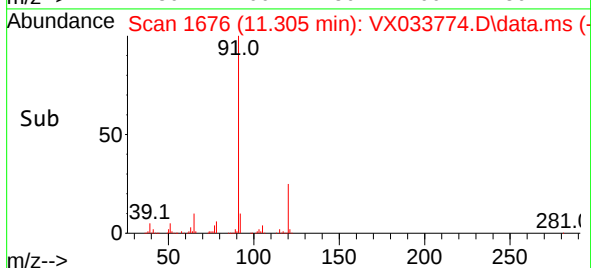
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

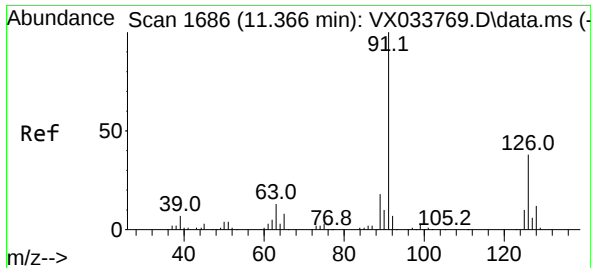


#74
n-propylbenzene
Concen: 21.615 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



Tgt Ion: 91 Resp: 193720
Ion Ratio Lower Upper
91 100
120 24.3 0.0 48.8





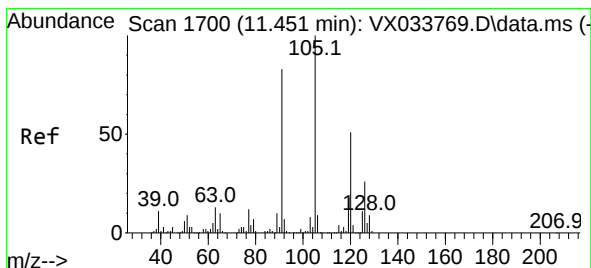
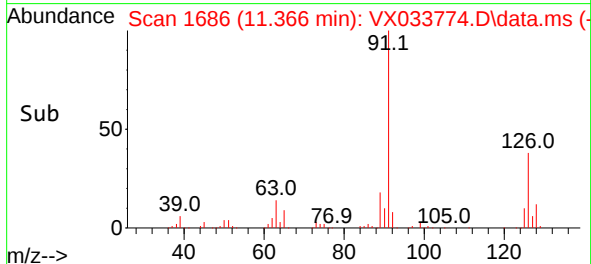
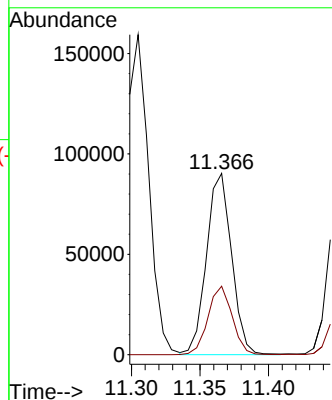
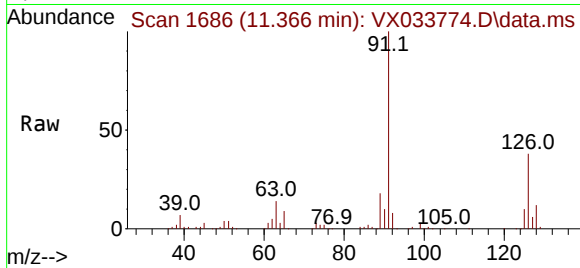
#75
2-Chlorotoluene
Concen: 21.624 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion: 91 Resp: 11528
Ion Ratio Lower Upper
91 100
126 36.4 0.0 73.0

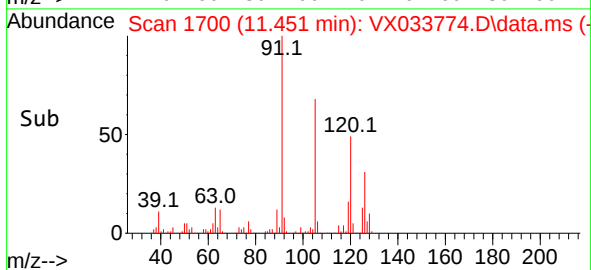
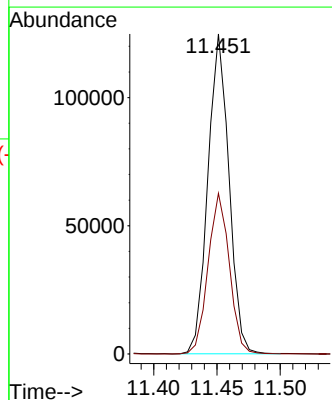
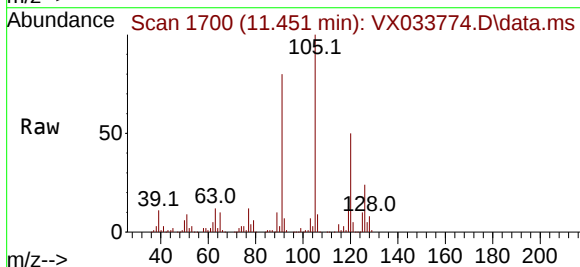
Manual Integrations
APPROVED

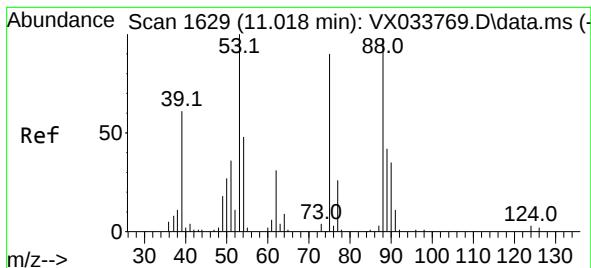
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

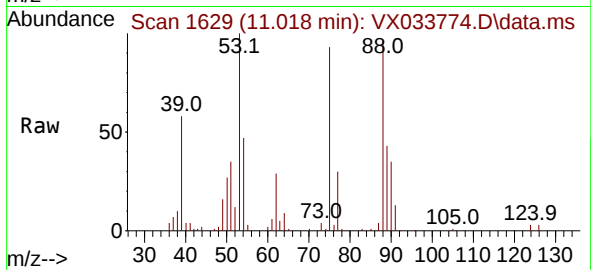
Tgt Ion:105 Resp: 144560
Ion Ratio Lower Upper
105 100
120 50.7 0.0 102.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.904 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

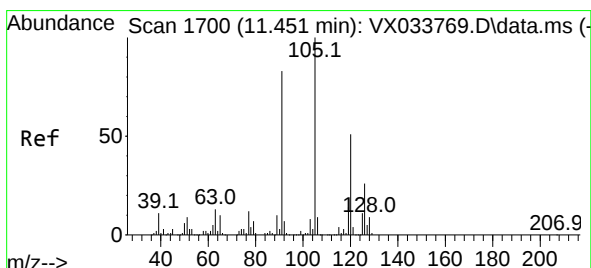
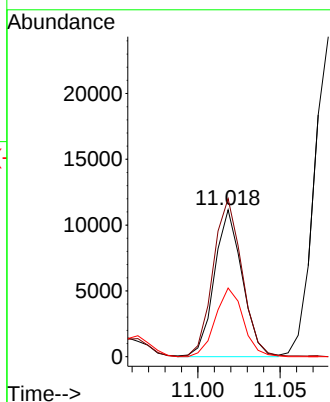
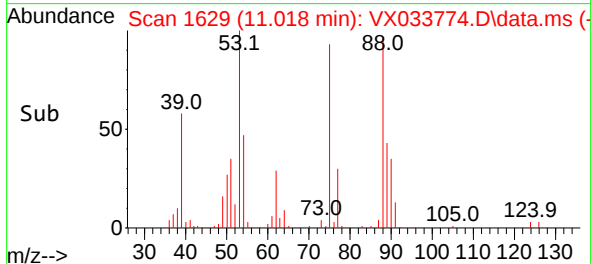
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion: 75 Resp: 13182
Ion Ratio Lower Upper
75 100
53 108.1 55.5 166.3
89 47.0 23.3 69.8

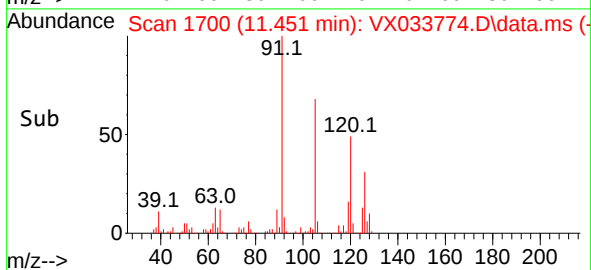
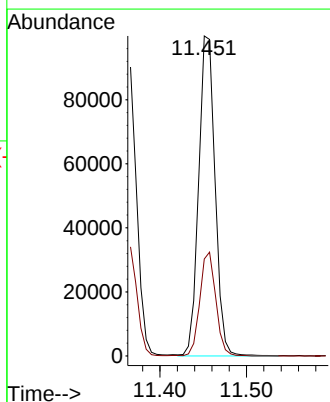
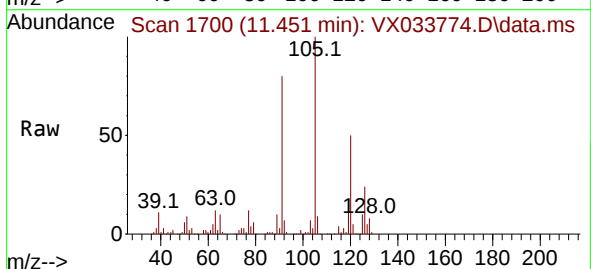
Manual Integrations
APPROVED

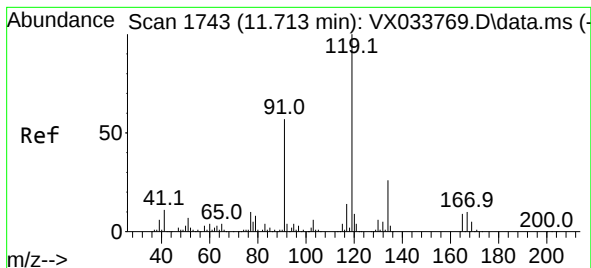
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#78
4-Chlorotoluene
Concen: 21.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

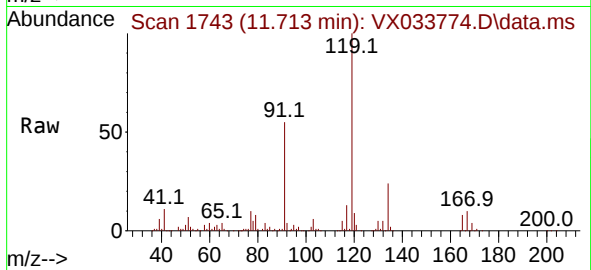
Tgt Ion: 91 Resp: 131767
Ion Ratio Lower Upper
91 100
126 31.4 0.0 65.2





#79
tert-butylbenzene
Concen: 21.899 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

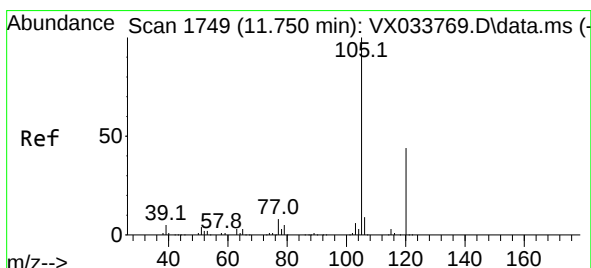
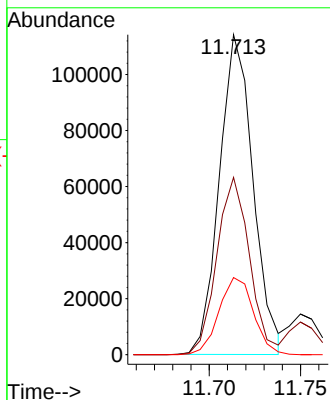
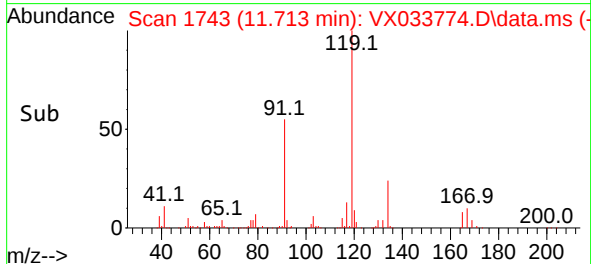
Instrument :
MSVOA_X
ClientSampleId :
ICVWX011823



Tgt Ion:119 Resp: 146650
Ion Ratio Lower Upper
119 100
91 54.0 0.0 108.4
134 24.7 0.0 50.0

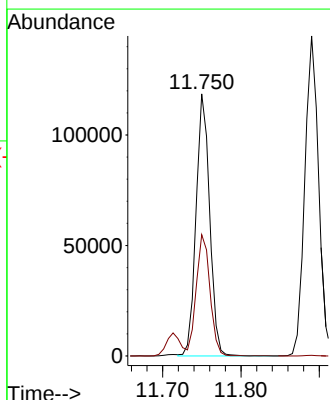
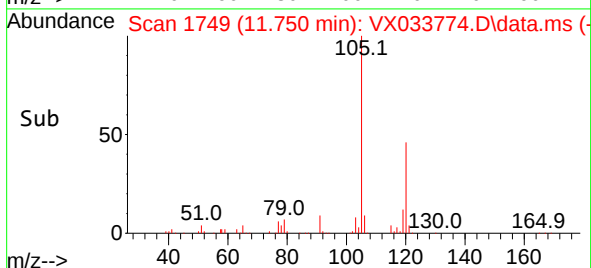
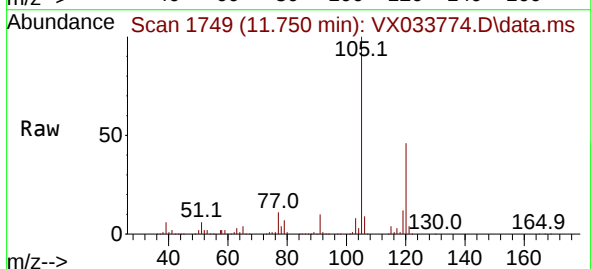
Manual Integrations
APPROVED

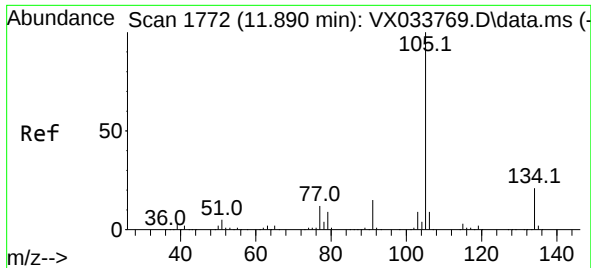
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.139 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion:105 Resp: 143615
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.4





#81
 sec-Butylbenzene
 Concen: 21.812 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00

Instrument :

MSVOA_X

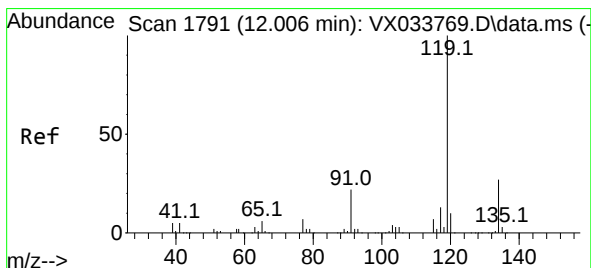
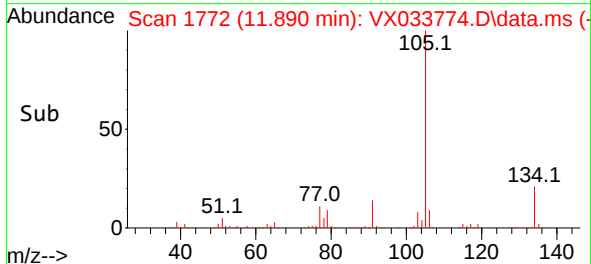
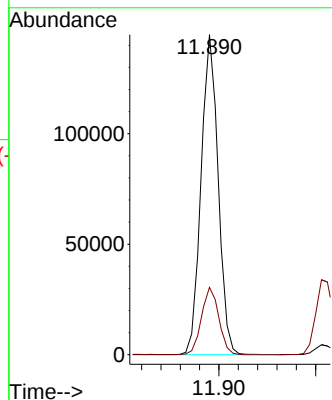
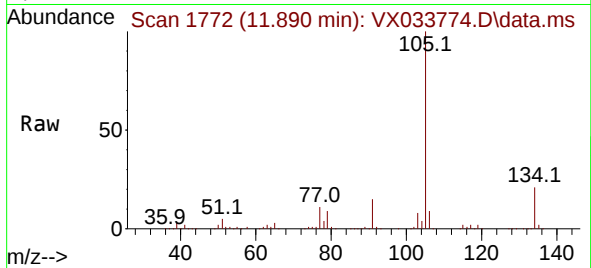
ClientSampleId :

ICVVX011823

Tgt Ion:105 Resp: 17774
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 43.8

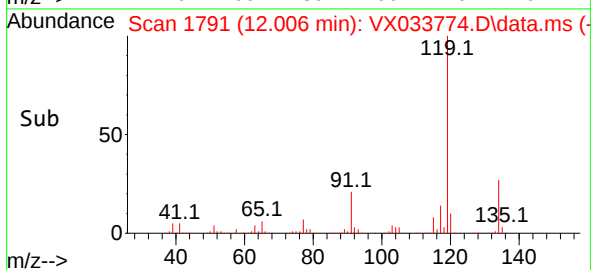
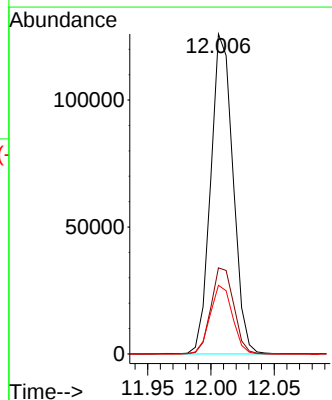
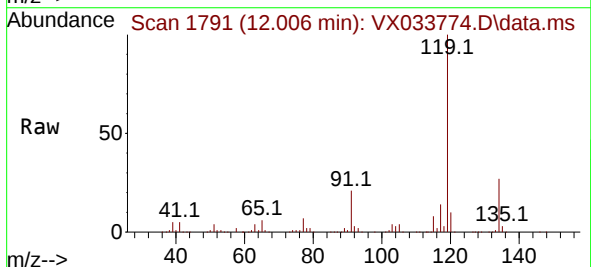
Manual Integrations
 APPROVED

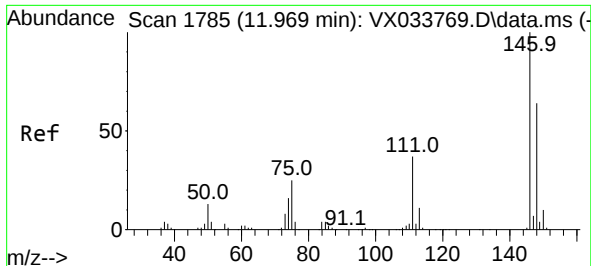
Reviewed By :John Carlone 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023



#82
 p-Isopropyltoluene
 Concen: 21.871 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033774.D
 Acq: 18 Jan 2023 15:00

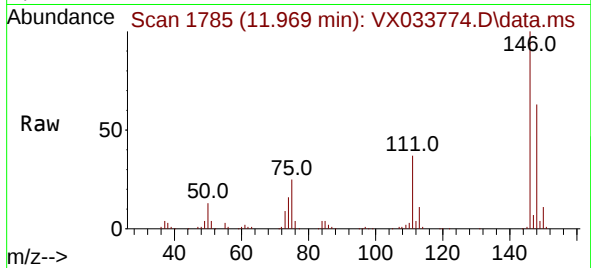
Tgt Ion:119 Resp: 154388
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 54.2
 91 21.6 0.0 41.8





#83
1,3-Dichlorobenzene
Concen: 21.679 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

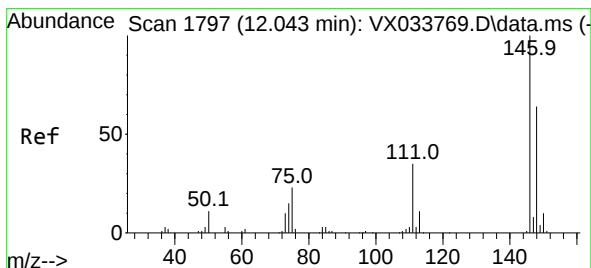
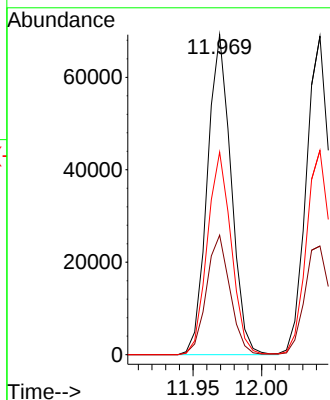
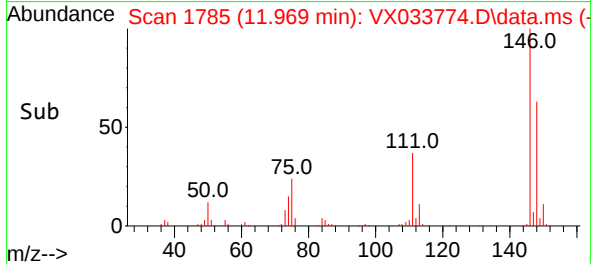
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



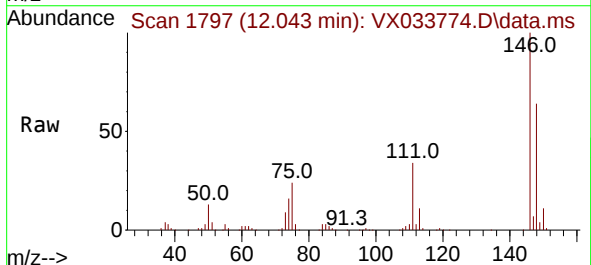
Tgt Ion:146 Resp: 8368
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.2
148 63.5 32.1 96.5

Manual Integrations
APPROVED

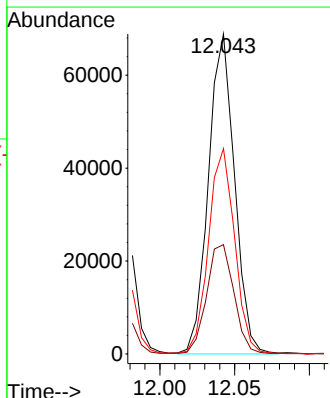
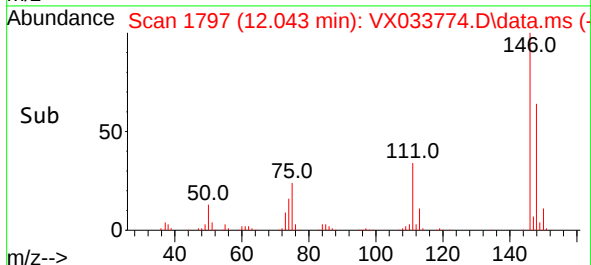
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

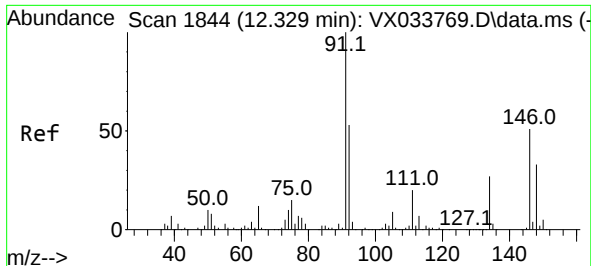


#84
1,4-Dichlorobenzene
Concen: 21.679 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



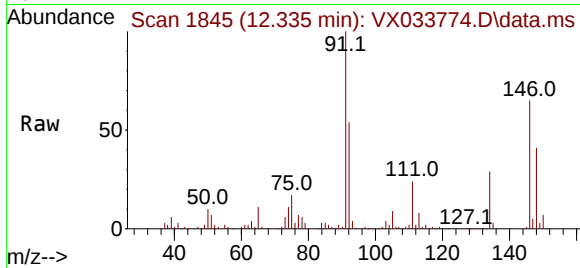
Tgt Ion:146 Resp: 83878
Ion Ratio Lower Upper
146 100
111 35.6 17.8 53.4
148 64.2 32.1 96.5





#85
n-Butylbenzene
Concen: 21.980 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

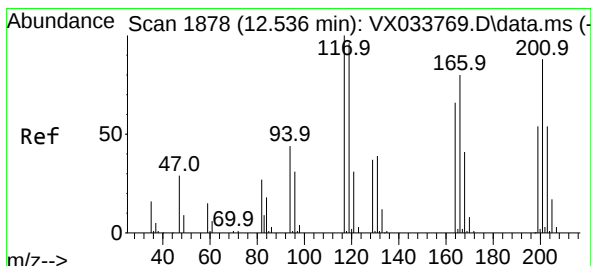
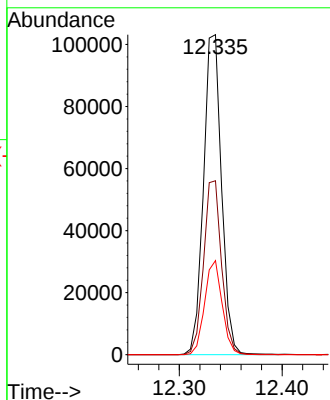
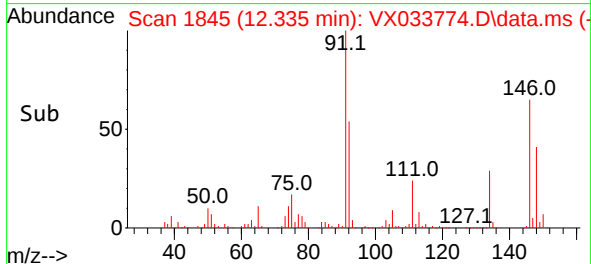
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion: 91 Resp: 12619
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.0
134 28.6 0.0 57.8

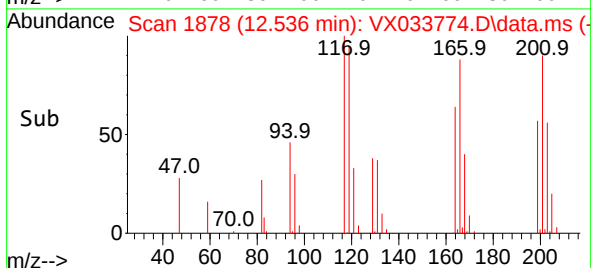
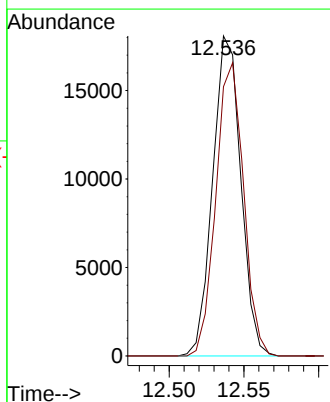
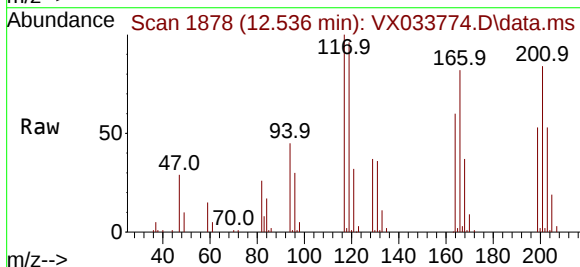
Manual Integrations
APPROVED

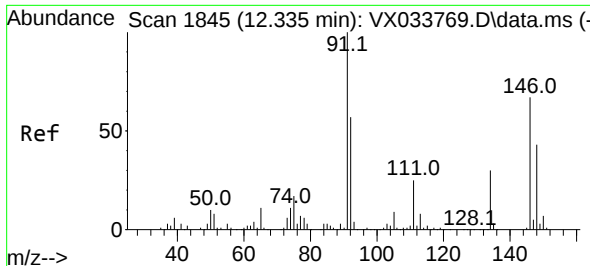
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#86
Hexachloroethane
Concen: 21.178 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

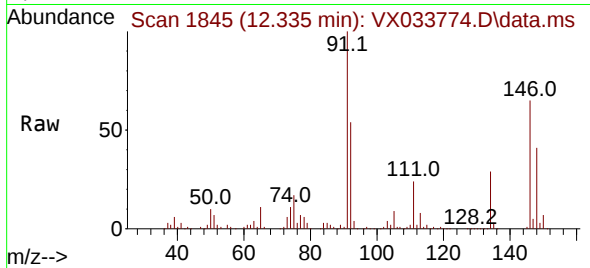
Tgt Ion:117 Resp: 23631
Ion Ratio Lower Upper
117 100
201 90.3 46.3 138.8





#87
1,2-Dichlorobenzene
Concen: 21.958 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

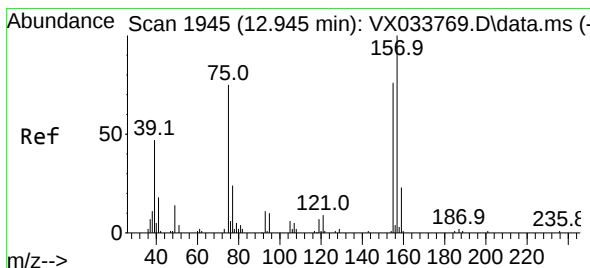
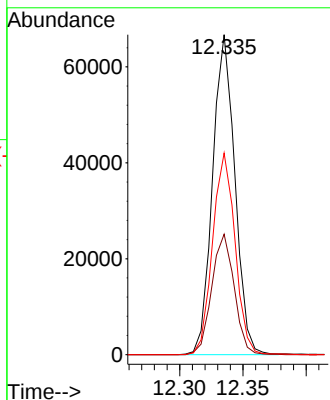
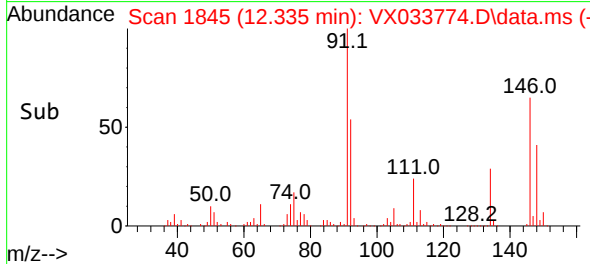
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



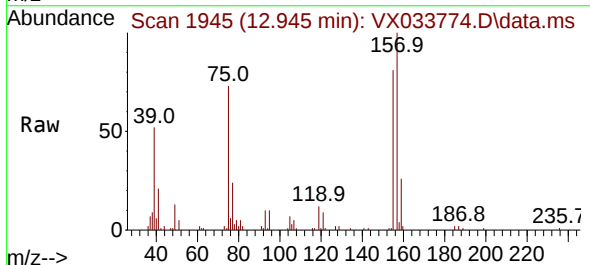
Tgt Ion:146 Resp: 81700
Ion Ratio Lower Upper
146 100
111 37.9 18.8 56.4
148 63.1 31.7 95.1

Manual Integrations
APPROVED

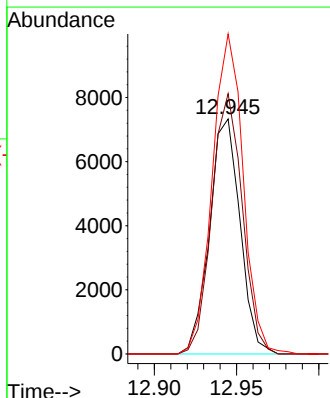
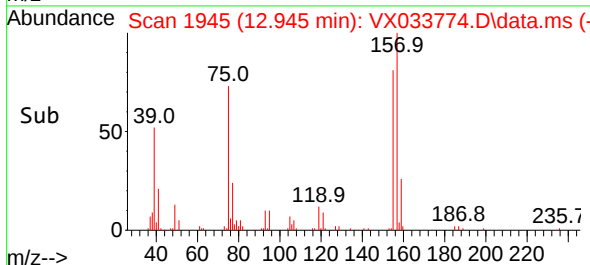
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

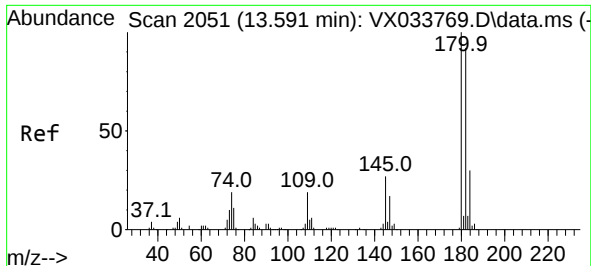


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.590 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00



Tgt Ion: 75 Resp: 9484
Ion Ratio Lower Upper
75 100
155 110.3 82.6 124.0
157 137.4 104.9 157.3





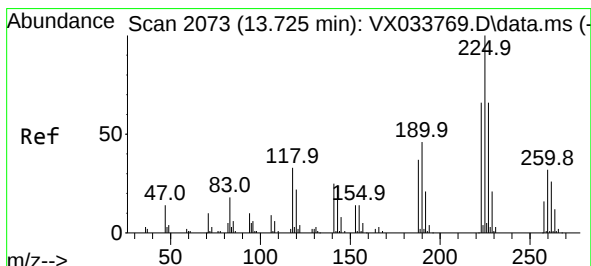
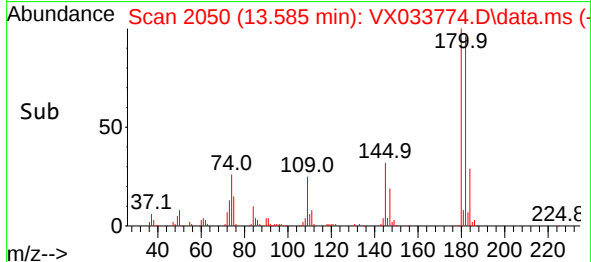
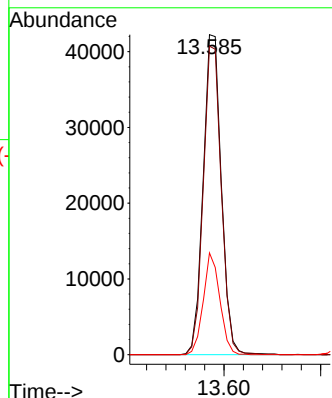
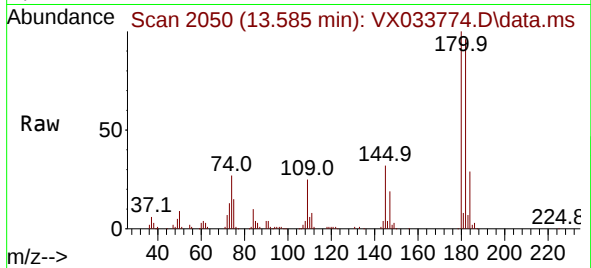
#89
1,2,4-Trichlorobenzene
Concen: 21.348 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823

Tgt Ion:180 Resp: 5527
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 29.0 22.9 34.3

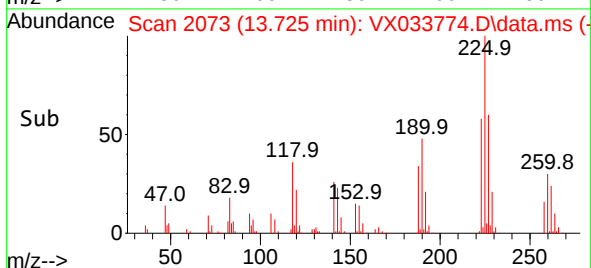
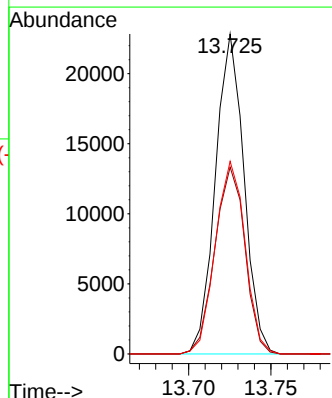
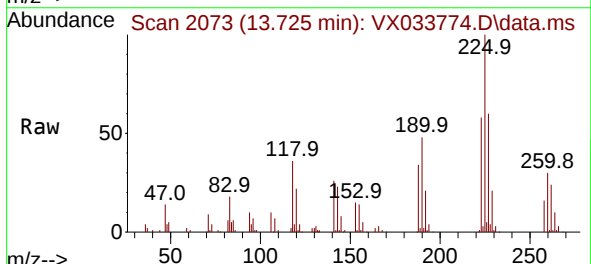
Manual Integrations
APPROVED

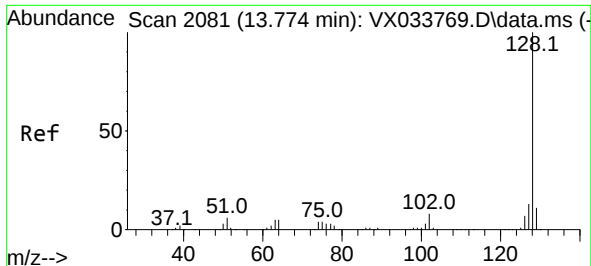
Reviewed By :John Carlone 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



#90
Hexachlorobutadiene
Concen: 22.662 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

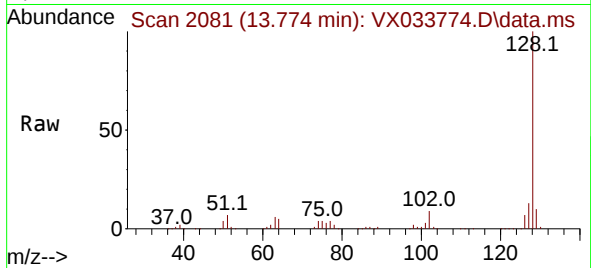
Tgt Ion:225 Resp: 27513
Ion Ratio Lower Upper
225 100
223 61.6 0.0 127.6
227 63.0 0.0 131.2





#91
Naphthalene
Concen: 21.641 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

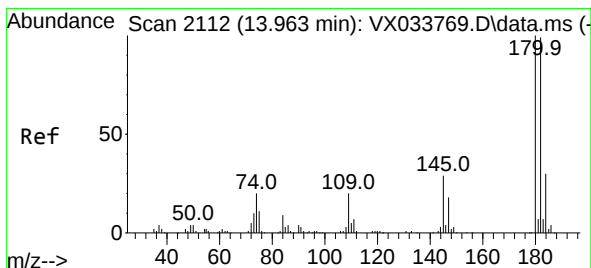
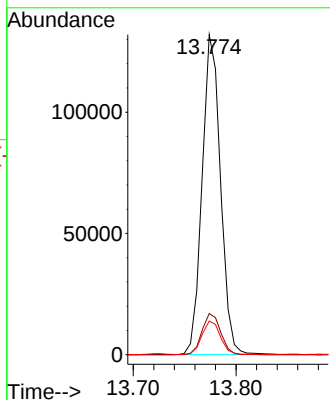
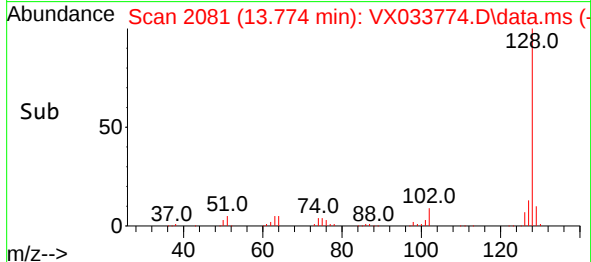
Instrument :
MSVOA_X
ClientSampleId :
ICVVX011823



Tgt Ion:128 Resp: 164248
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 22.090 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033774.D
Acq: 18 Jan 2023 15:00

Tgt Ion:180 Resp: 56097
Ion Ratio Lower Upper
180 100
182 95.0 0.0 192.6
145 29.1 0.0 60.4

