

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
 Data File : VX033648.D
 Acq On : 06 Jan 2023 23:04
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

Quant Time: Jan 07 05:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 05:49:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	15124	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	106999	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	118897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	39647	30.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.000%			
60) 4-Bromofluorobenzene	11.079	95	64332	29.387	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.967%			
63) Toluene-d8	8.647	98	115003	29.315	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.733%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33186	27.526	ug/l	100
3) Chloromethane	1.294	50	36258	28.961	ug/l	100
4) Vinyl Chloride	1.374	62	29833	21.818	ug/l	100
5) Bromomethane	1.618	94	17374	18.154	ug/l	100
6) Chloroethane	1.691	64	17768	18.570	ug/l	100
7) Trichlorofluoromethane	1.892	101	49706	18.702	ug/l	100
8) Diethyl Ether	2.136	74	14359	17.827	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22819	17.391	ug/l	100
10) 1,1-Dichloroethene	2.325	96	21473	17.336	ug/l	100
11) Methyl Iodide	2.453	142	35923	23.473	ug/l	100
12) Methyl Acetate	2.709	43	48451	24.869	ug/l	100
13) Acrolein	2.239	56	22903	83.780	ug/l	100
14) Acrylonitrile	3.069	53	82717	118.150	ug/l	100
15) Acetone	2.404	58	16343	78.147	ug/l	100
16) Carbon Disulfide	2.514	76	60311	17.801	ug/l	100
17) Allyl chloride	2.666	41	49919	22.632	ug/l	100
18) Methylene Chloride	2.788	84	32133	21.000	ug/l	100
19) trans-1,2-Dichloroethene	3.093	96	31800	20.725	ug/l	100
20) Diisopropyl ether	3.764	45	112313	23.858	ug/l	100
21) 1,1-Dichloroethane	3.611	63	59572	21.914	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	37668	21.072	ug/l	100
23) tert-Butyl Alcohol	3.044	59	32895m	112.180	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	103059	21.464	ug/l	100
25) Chloroform	5.093	83	61853	20.464	ug/l	100
26) Cyclohexane	5.471	56	55503	23.010	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	45966	21.056	ug/l	100
30) 2-Butanone	4.568	43	120174	116.117	ug/l	100
31) 2,2-Dichloropropane	4.477	77	38148	17.345	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	52810	19.234	ug/l	100
33) Carbon Tetrachloride	5.678	117	47360	18.928	ug/l	100
34) Benzene	6.038	78	130277	20.834	ug/l	100
35) Methacrylonitrile	4.928	41	27353	24.774	ug/l	100
36) 1,2-Dichloroethane	6.086	62	49461	20.836	ug/l	100
37) Trichloroethene	7.129	130	37424	21.062	ug/l	100
38) Methylcyclohexane	7.379	83	55924	21.490	ug/l	100
39) 1,2-Dichloropropane	7.428	63	34109	21.667	ug/l	100
40) Dibromomethane	7.580	93	23881	20.175	ug/l	100
41) Bromodichloromethane	7.824	83	45992	19.290	ug/l	100
42) Vinyl Acetate	3.721	43	431915	118.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	51243	26.093	ug/l	100
44) Isopropyl Acetate	6.342	43	74813	23.317	ug/l	100
45) 1,4-Dioxane	7.732	88	17381m	469.393	ug/l	
46) Methyl methacrylate	7.690	41	39085	24.188	ug/l	100
47) n-amyl Acetate	10.842	43	64804	23.895	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	45049	18.852	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	50023	19.328	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	34180	20.812	ug/l	100
51) Ethyl methacrylate	9.116	69	50817	21.364	ug/l	100
52) 1,3-Dichloropropane	9.305	76	58345	21.575	ug/l	100
53) Dibromochloromethane	9.519	129	35725	18.579	ug/l	100
54) 1,2-Dibromoethane	9.610	107	36497	20.408	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	122616	108.065	ug/l	100
56) Bromoform	10.799	173	27619	19.609	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	242605	120.946	ug/l	100
59) 2-Hexanone	9.427	43	176588	117.401	ug/l	100
61) Tetrachloroethene	9.275	164	33214	20.806	ug/l	100
62) Toluene	8.720	91	149405	20.703	ug/l	100
64) Chlorobenzene	10.079	112	94663	20.675	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	35763	20.014	ug/l	100
66) Ethyl Benzene	10.195	91	166113	20.474	ug/l	100
67) m/p-Xylenes	10.299	106	132424	41.529	ug/l	100
68) o-Xylene	10.640	106	64730	20.840	ug/l	100
69) Styrene	10.653	104	106844	20.737	ug/l	100
70) Isopropylbenzene	10.963	105	168735	20.586	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	50981	20.907	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	46272m	21.385	ug/l	
73) Bromobenzene	11.195	156	43798	21.296	ug/l	100
74) n-propylbenzene	11.305	91	189898	20.250	ug/l	100
75) 2-Chlorotoluene	11.366	91	113583	20.175	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	139817	20.341	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12348	17.701	ug/l	100
78) 4-Chlorotoluene	11.451	91	128017	19.966	ug/l	100
79) tert-butylbenzene	11.713	119	143163	20.883	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	138262	20.471	ug/l	100
81) sec-Butylbenzene	11.890	105	171579	20.808	ug/l	100
82) p-Isopropyltoluene	12.006	119	148059	20.998	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	79219	21.067	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	79140	20.892	ug/l	100
85) n-Butylbenzene	12.329	91	117122	19.967	ug/l	100
86) Hexachloroethane	12.536	117	22434	18.382	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	76202	20.679	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10210	19.581	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	52051	22.149	ug/l	100
90) Hexachlorobutadiene	13.725	225	24547	24.159	ug/l	100
91) Naphthalene	13.774	128	156802	21.037	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	51919	22.138	ug/l	100

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

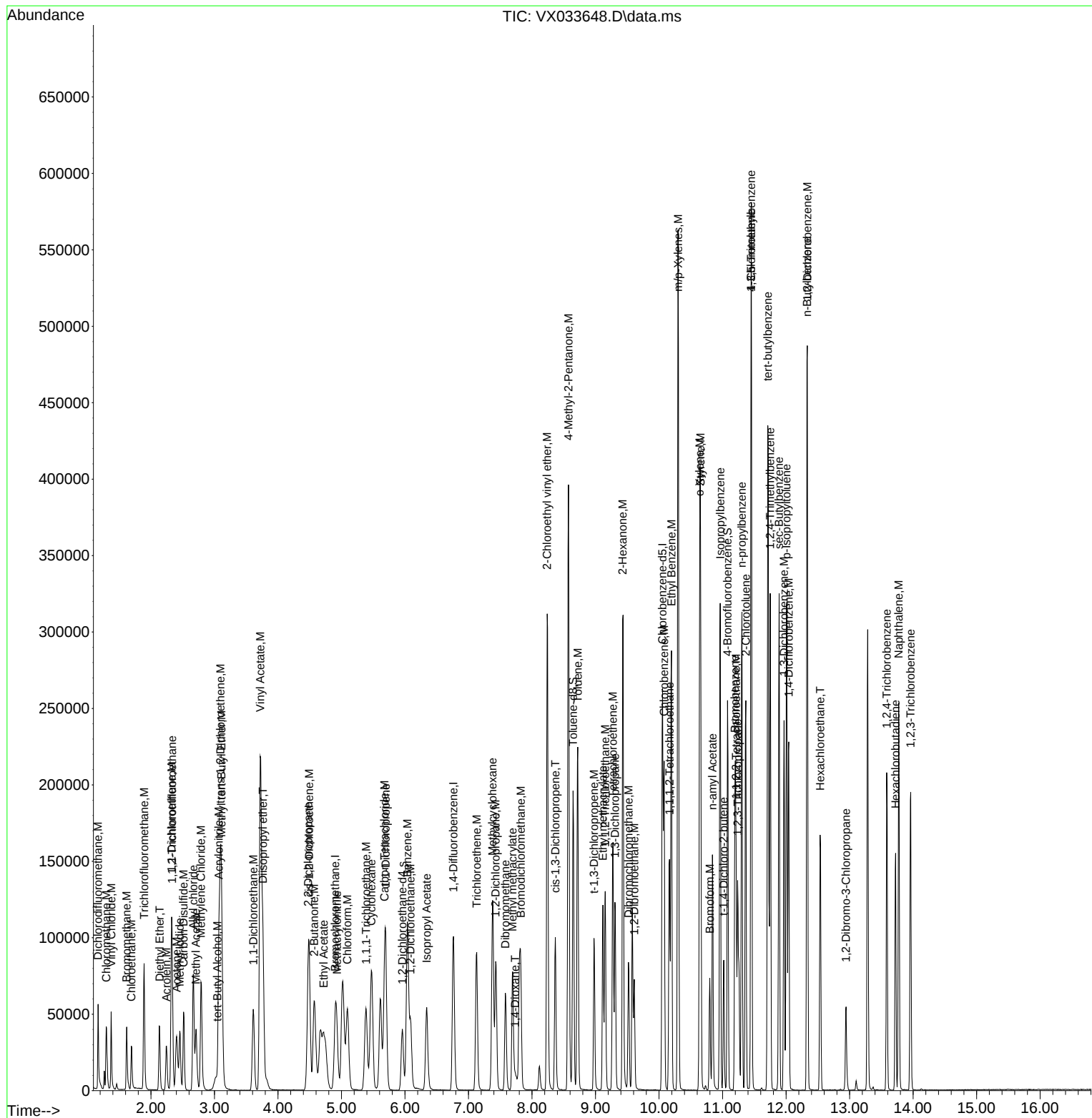
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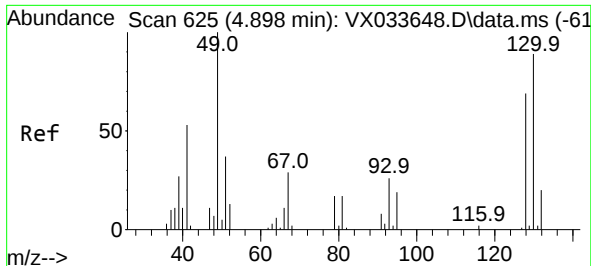
Instrument :
MSVOA_X
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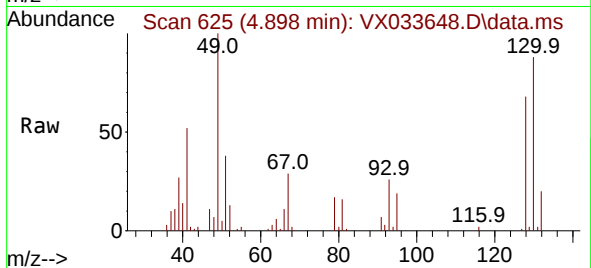
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

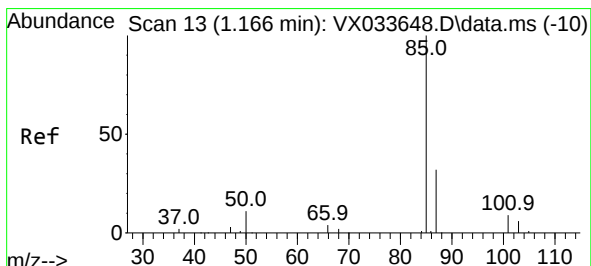
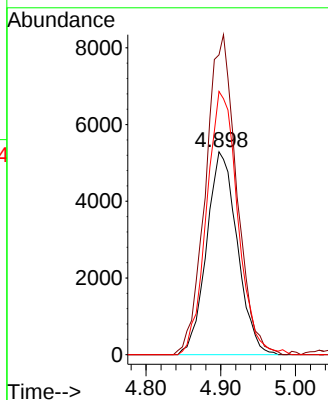
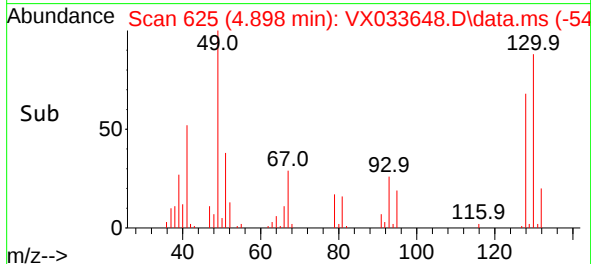
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 15124
Ion Ratio Lower Upper
128 100
49 159.4 0.0 398.5
130 131.6 0.0 329.0

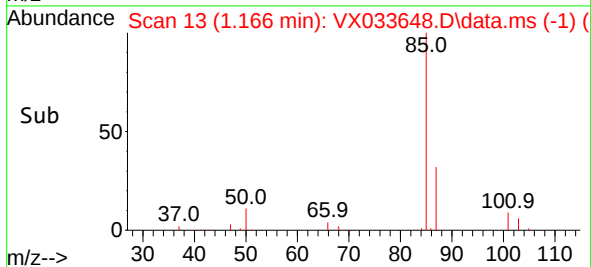
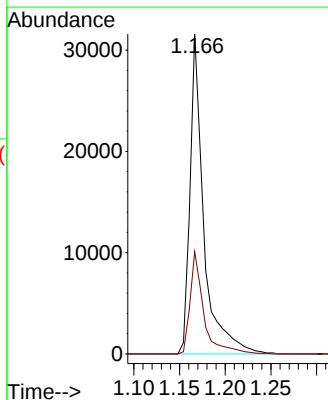
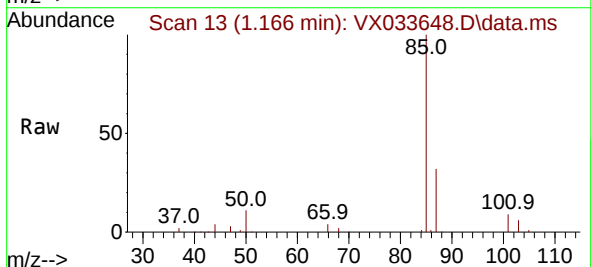
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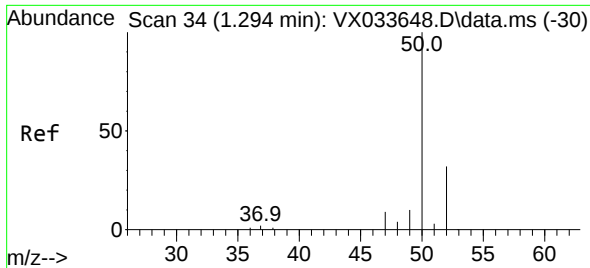
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#2
Dichlorodifluoromethane
Concen: 27.526 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

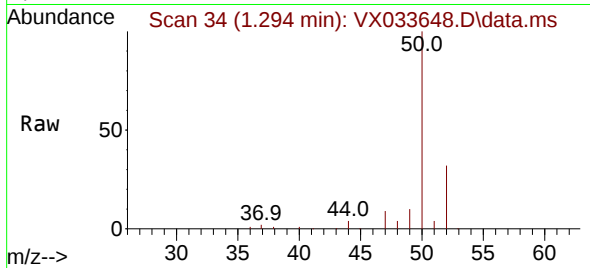
Tgt Ion: 85 Resp: 33186
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





#3
Chloromethane
Concen: 28.961 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

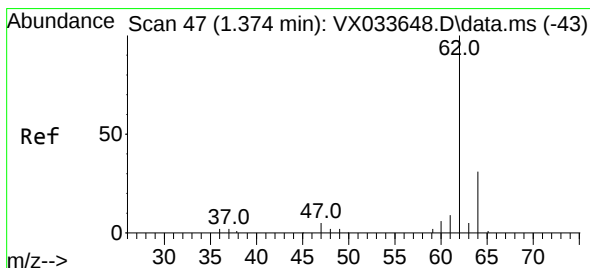
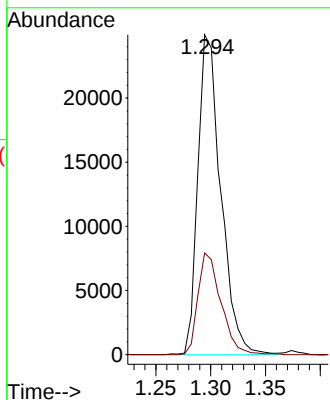
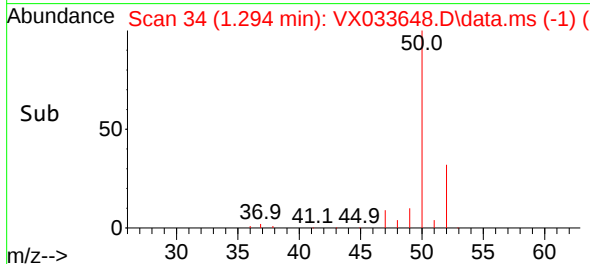
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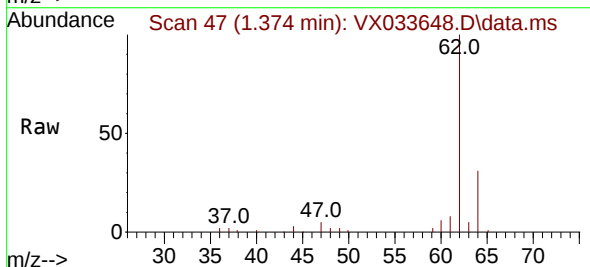
Tgt Ion: 50 Resp: 36258
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

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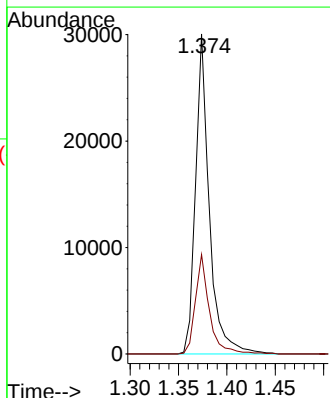
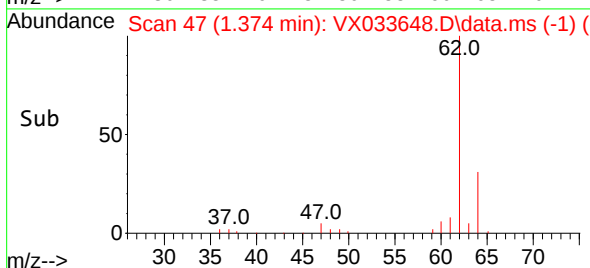
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

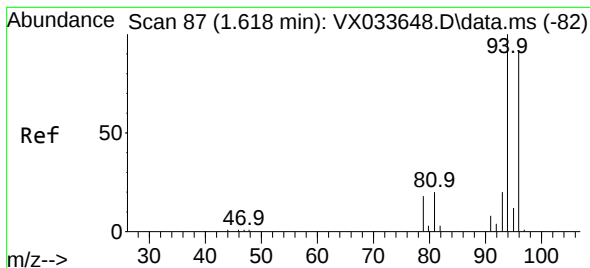


#4
Vinyl Chloride
Concen: 21.818 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



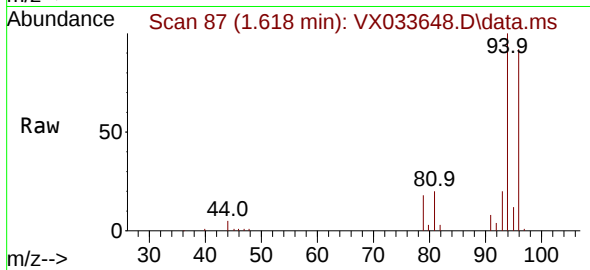
Tgt Ion: 62 Resp: 29833
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5
Bromomethane
Concen: 18.154 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

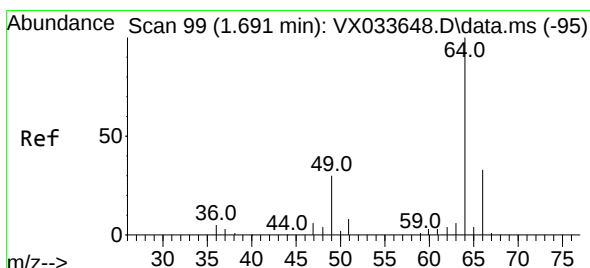
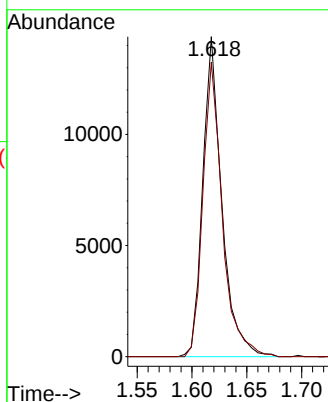
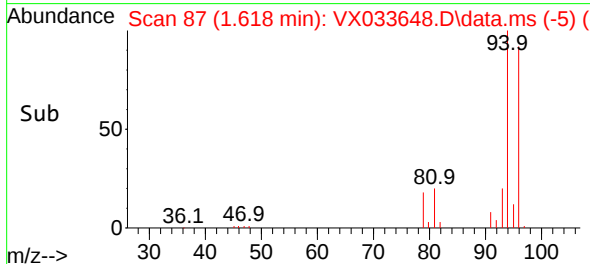
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 17374
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4

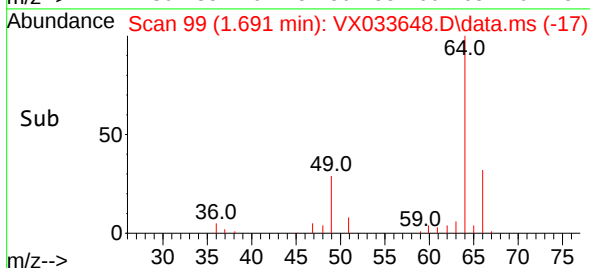
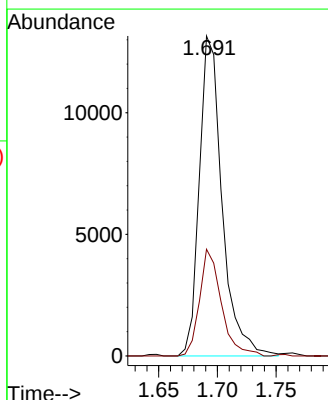
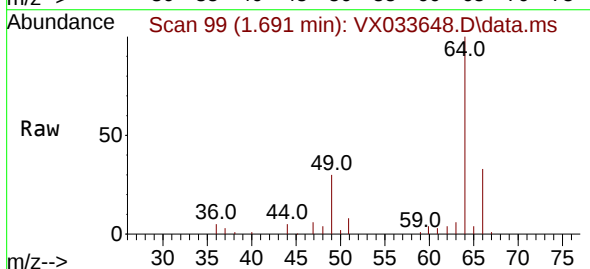
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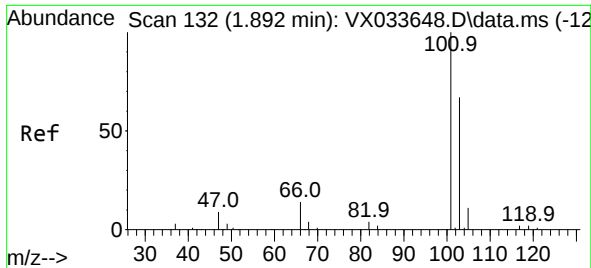
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#6
Chloroethane
Concen: 18.570 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

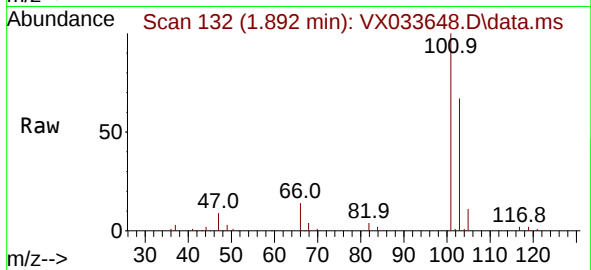
Tgt Ion: 64 Resp: 17768
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 18.702 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033648.D
 Acq: 06 Jan 2023 23:04

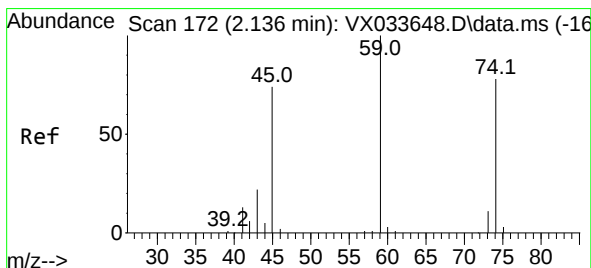
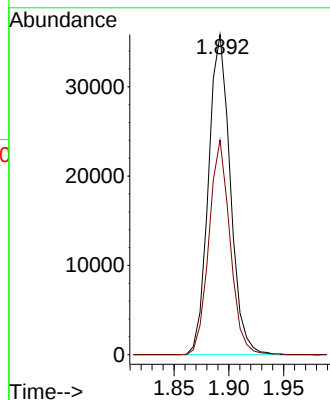
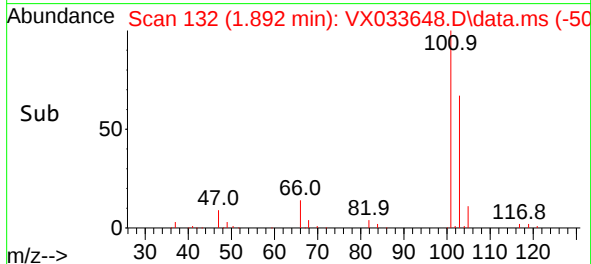
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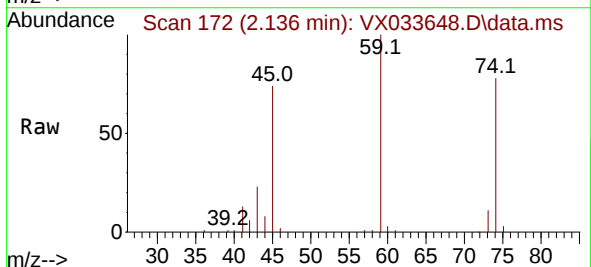
Tgt Ion:101 Resp: 49700
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.7 80.5

Manual Integrations
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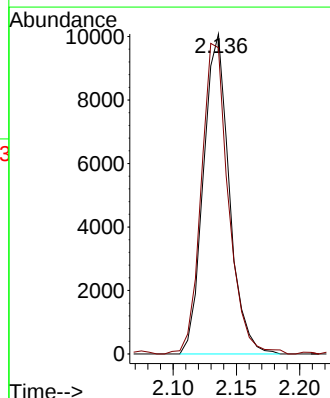
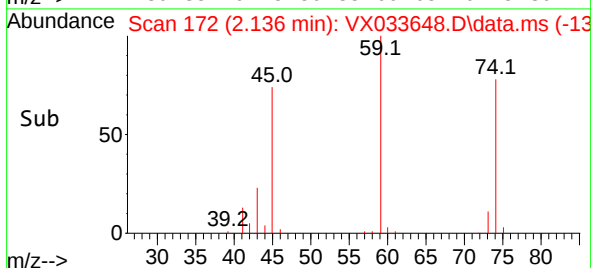
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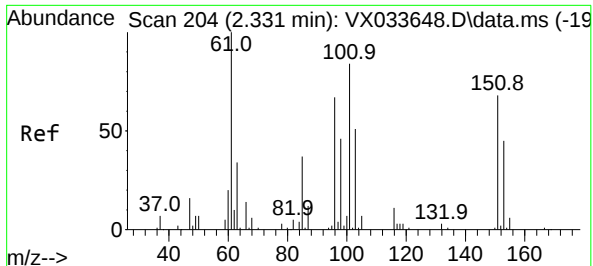


#8
 Diethyl Ether
 Concen: 17.827 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 14359
 Ion Ratio Lower Upper
 74 100
 45 101.6 20.3 182.9





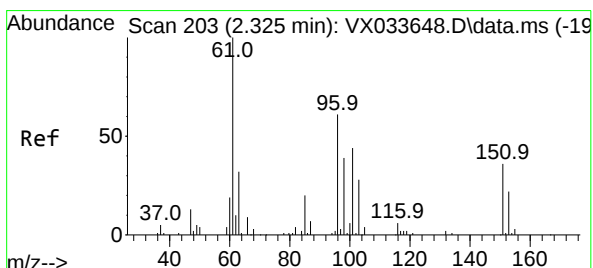
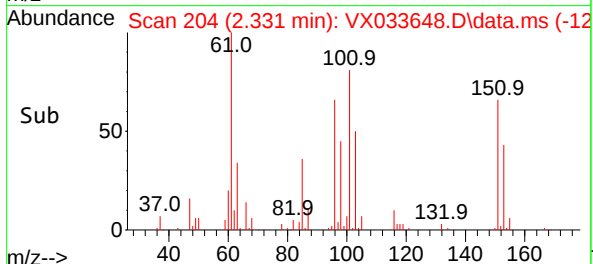
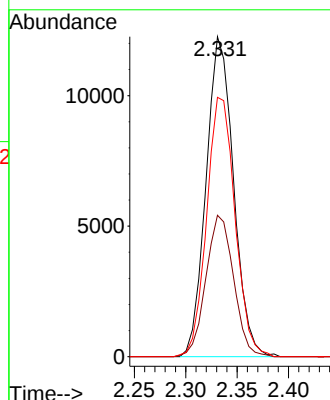
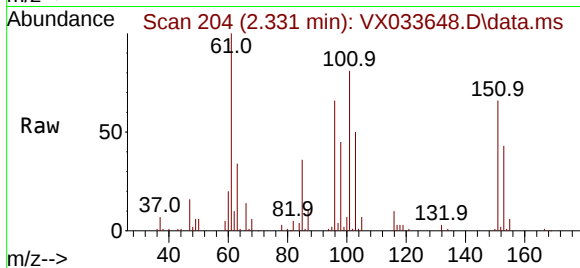
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1,1,2-Trichlorotrifluoroethane
Concen: 17.391 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033648.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 22819
Ion Ratio Lower Upper
101 100
85 44.4 0.0 88.8
151 83.6 0.0 167.2

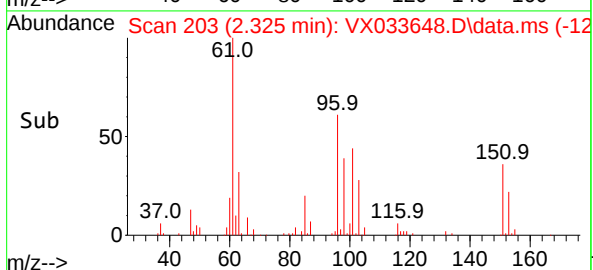
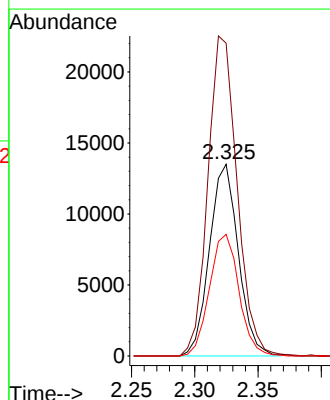
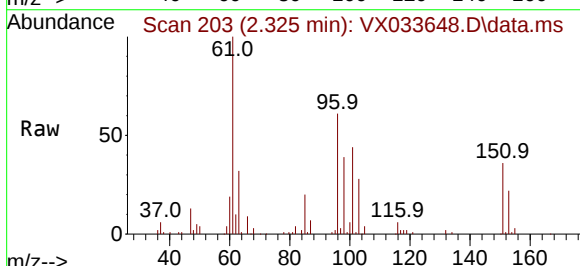
Manual Integrations
APPROVED

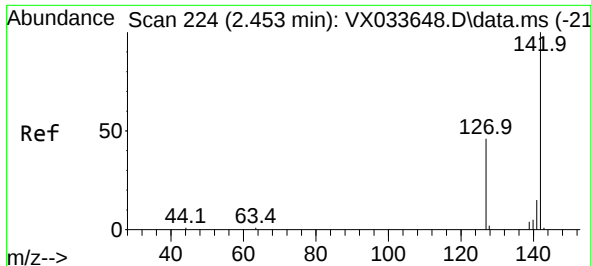
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
1,1-Dichloroethene
Concen: 17.336 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

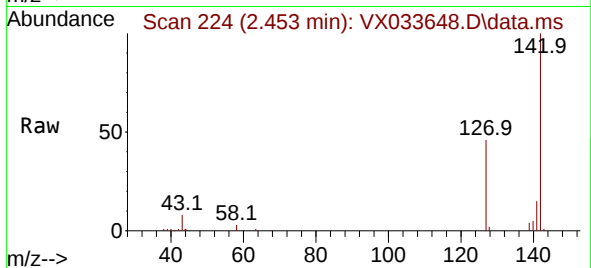
Tgt Ion: 96 Resp: 21473
Ion Ratio Lower Upper
96 100
61 163.2 130.6 195.8
98 63.5 50.8 76.2





#11
Methyl Iodide
Concen: 23.473 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

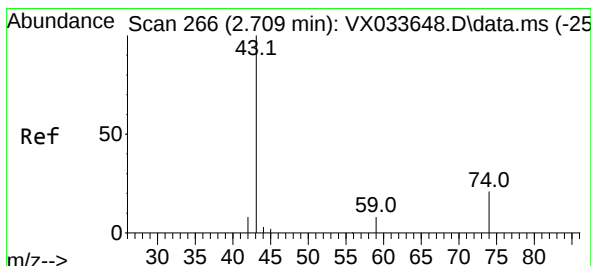
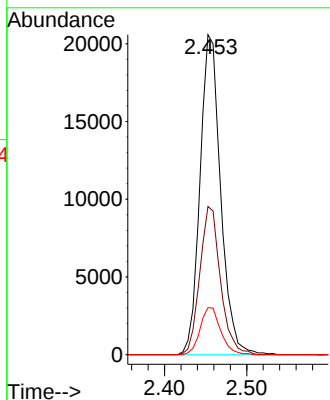
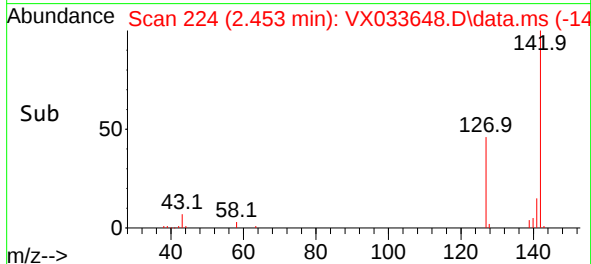
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



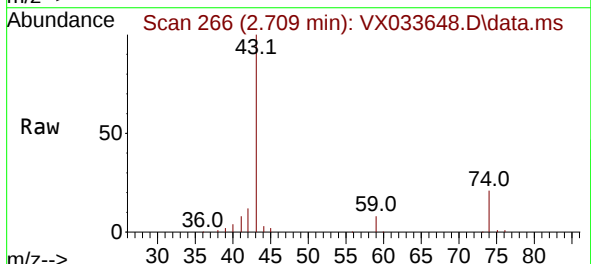
Tgt Ion:142 Resp: 3592
Ion Ratio Lower Upper
142 100
127 46.3 23.2 69.5
141 14.7 7.3 22.0

Manual Integrations
APPROVED

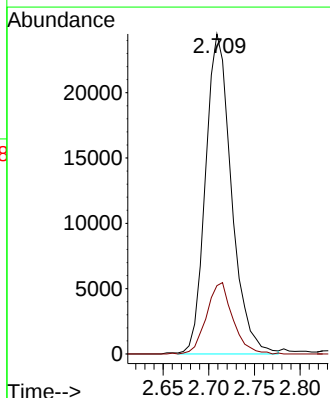
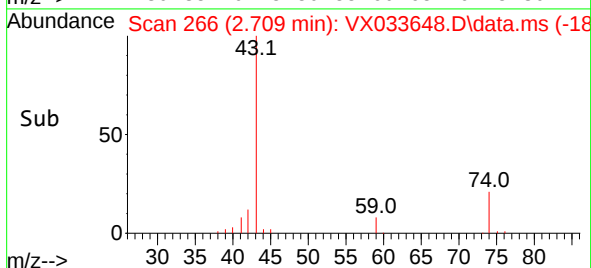
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

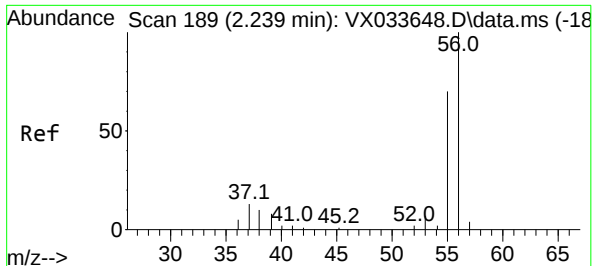


#12
Methyl Acetate
Concen: 24.869 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



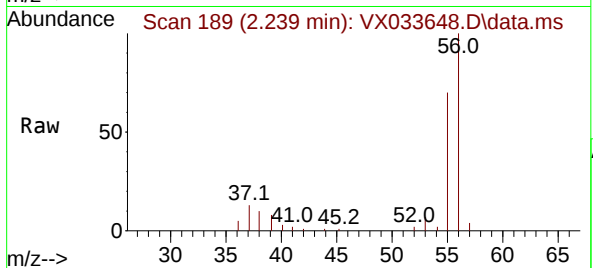
Tgt Ion: 43 Resp: 48451
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.6





#13
Acrolein
Concen: 83.780 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

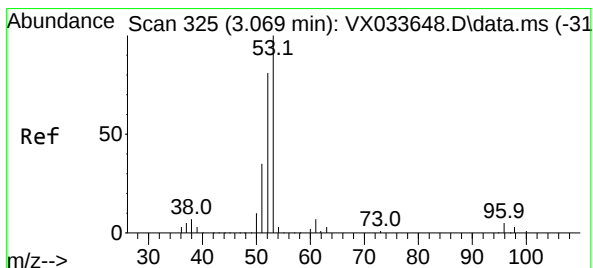
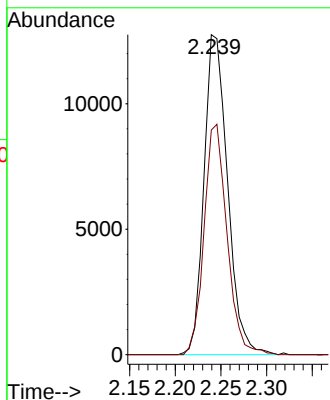
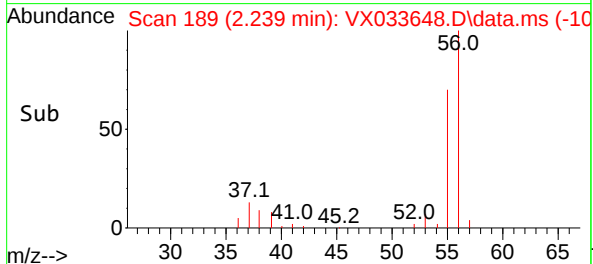
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 2290
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

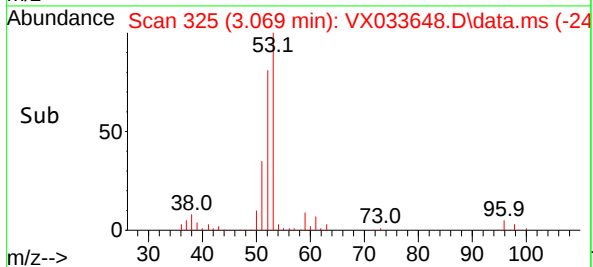
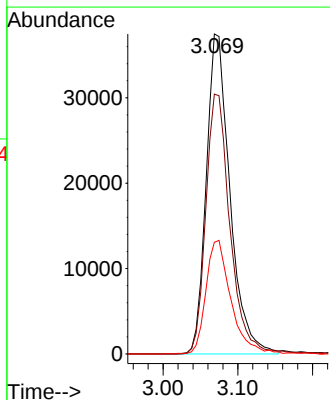
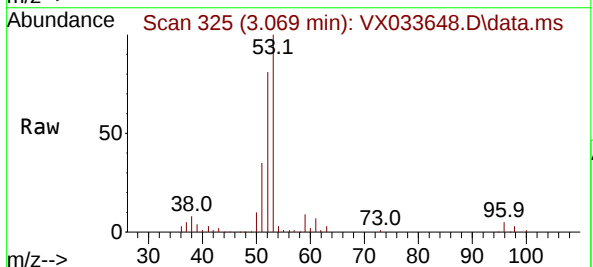
Manual Integrations
APPROVED

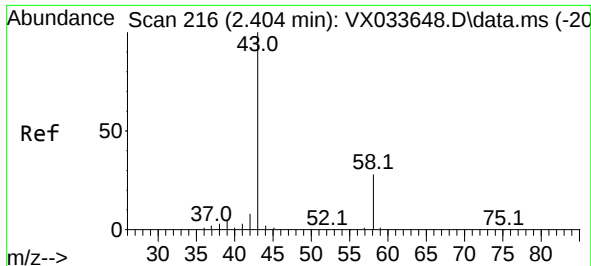
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#14
Acrylonitrile
Concen: 118.150 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 53 Resp: 82717
Ion Ratio Lower Upper
53 100
52 82.7 41.3 124.1
51 36.9 18.4 55.4





#15

Acetone

Concen: 78.147 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 1634

Ion Ratio Lower Upper

58 100

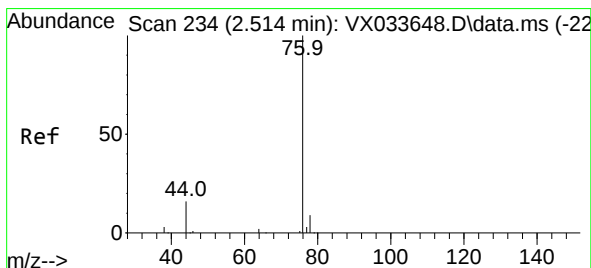
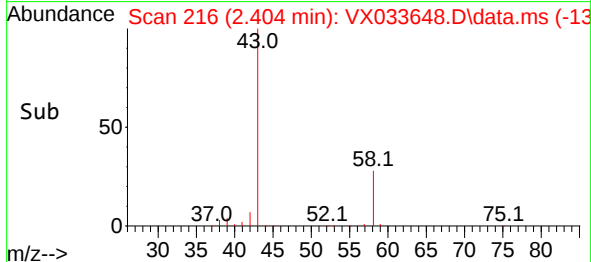
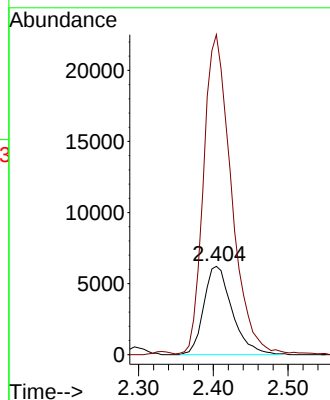
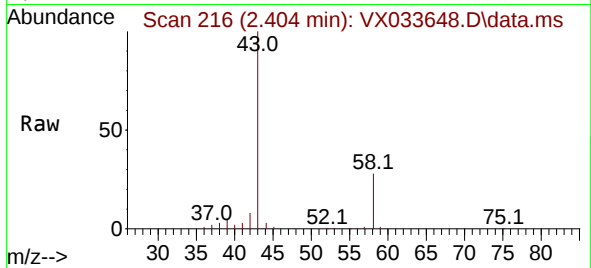
43 360.4 288.3 432.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#16

Carbon Disulfide

Concen: 17.801 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033648.D

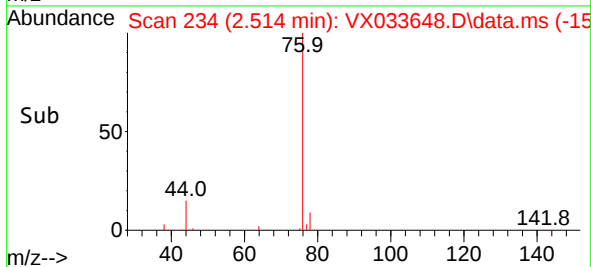
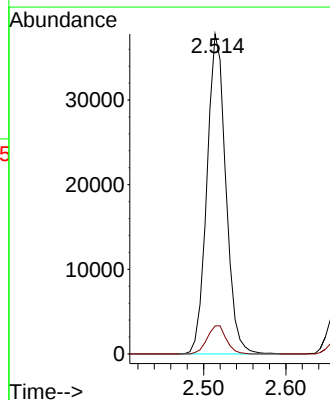
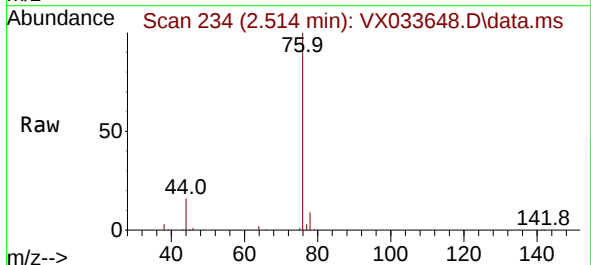
Acq: 06 Jan 2023 23:04

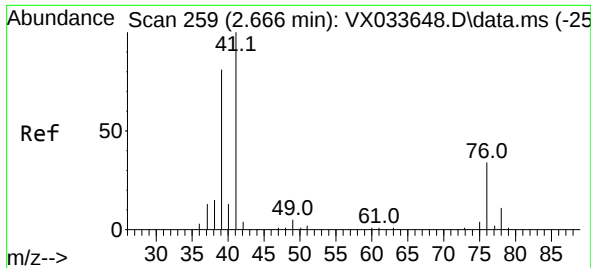
Tgt Ion: 76 Resp: 60311

Ion Ratio Lower Upper

76 100

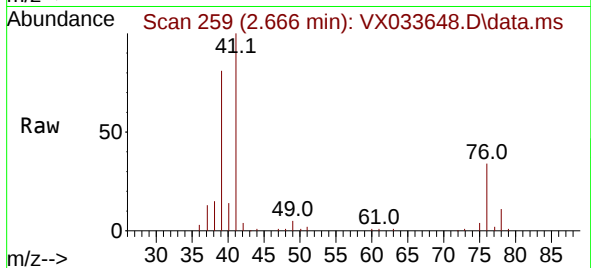
78 8.7 7.0 10.4





#17
 Allyl chloride
 Concen: 22.632 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX033648.D
 Acq: 06 Jan 2023 23:04

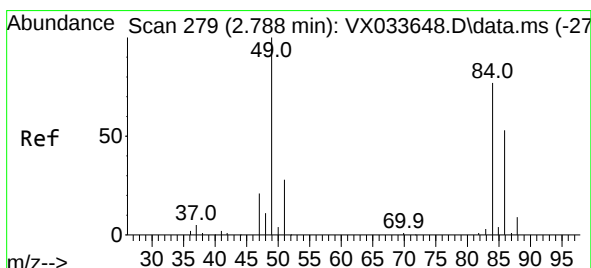
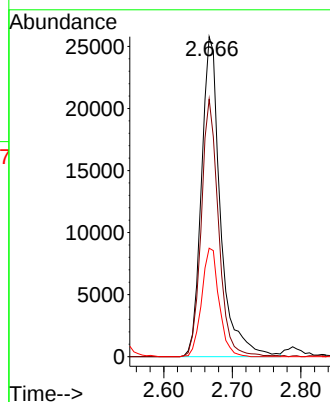
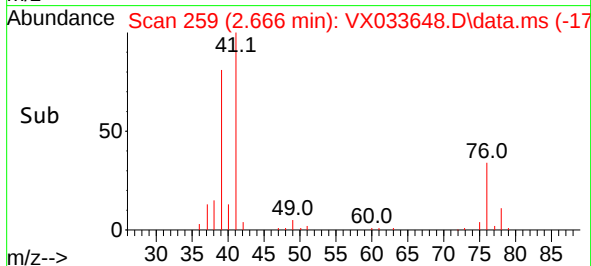
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



Tgt Ion:	41	Resp:	49919
Ion	Ratio	Lower	Upper
41	100		
39	80.5	40.3	120.8
76	33.9	17.0	50.9

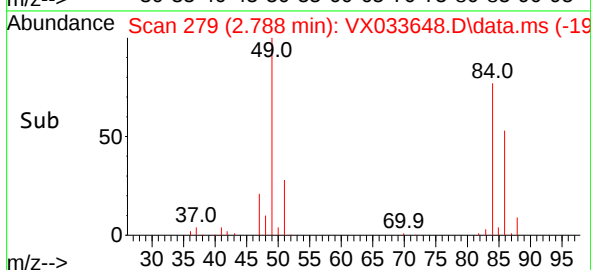
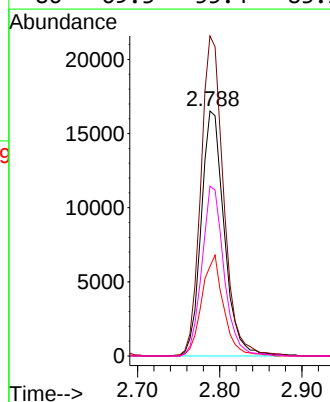
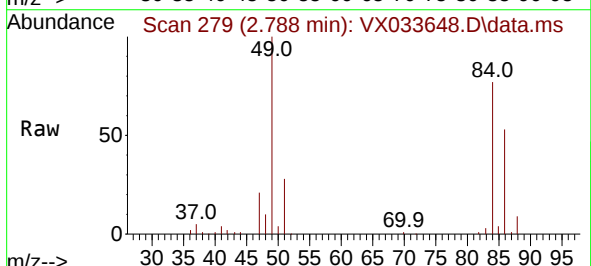
Manual Integrations
 APPROVED

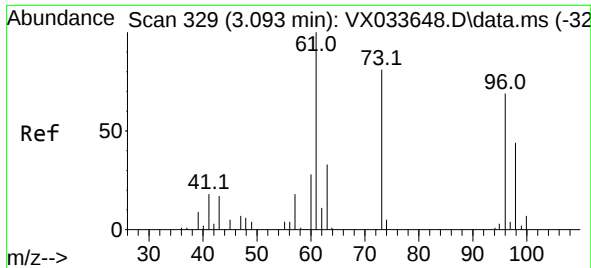
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023



#18
 Methylene Chloride
 Concen: 21.000 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX033648.D
 Acq: 06 Jan 2023 23:04

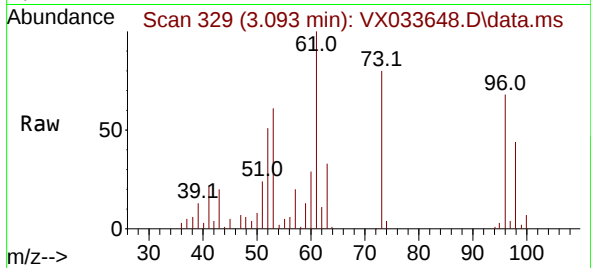
Tgt Ion:	84	Resp:	32133
Ion	Ratio	Lower	Upper
84	100		
49	130.1	104.1	156.1
51	36.5	29.2	43.8
86	69.3	55.4	83.2





#19
trans-1,2-Dichloroethene
Concen: 20.725 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

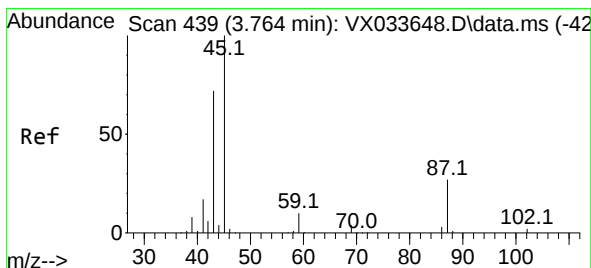
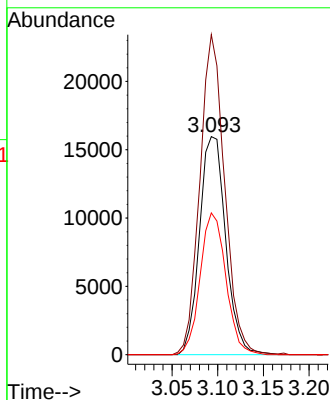
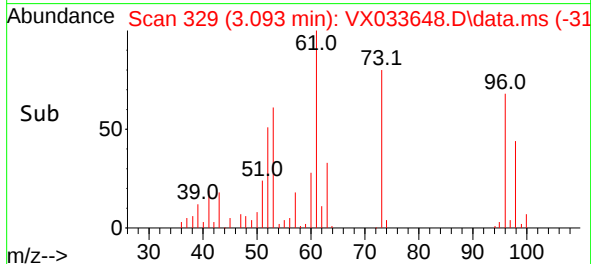
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



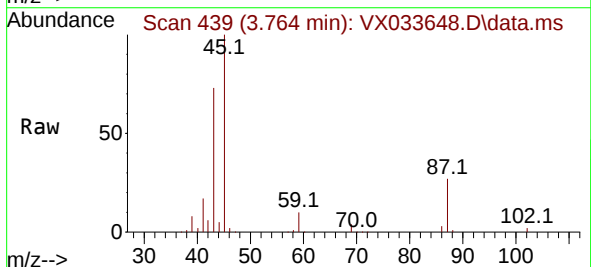
Tgt Ion: 96 Resp: 31800
Ion Ratio Lower Upper
96 100
61 146.4 117.1 175.7
98 65.0 52.0 78.0

Manual Integrations
APPROVED

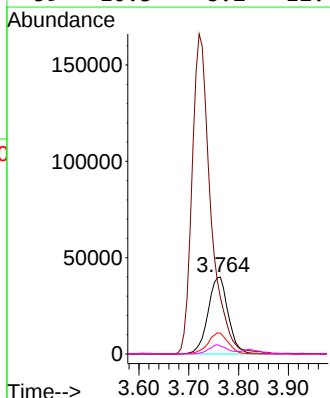
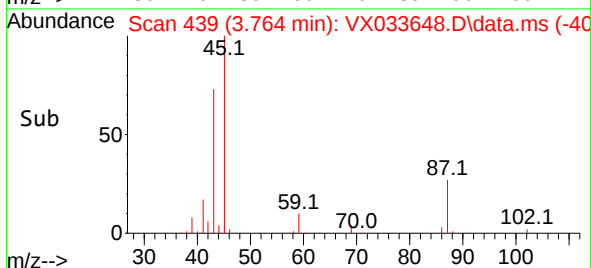
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

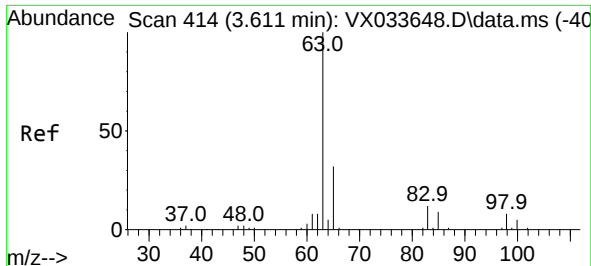


#20
Diisopropyl ether
Concen: 23.858 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



Tgt Ion: 45 Resp: 112313
Ion Ratio Lower Upper
45 100
43 72.5 58.0 87.0
87 27.1 21.7 32.5
59 10.3 8.2 12.4





#21

1,1-Dichloroethane

Concen: 21.914 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

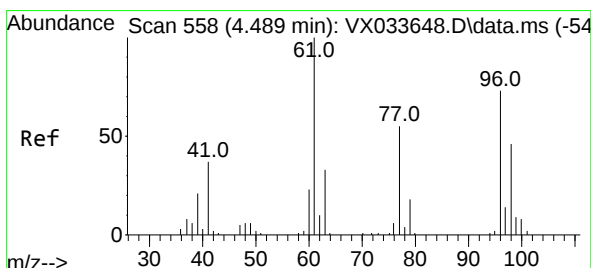
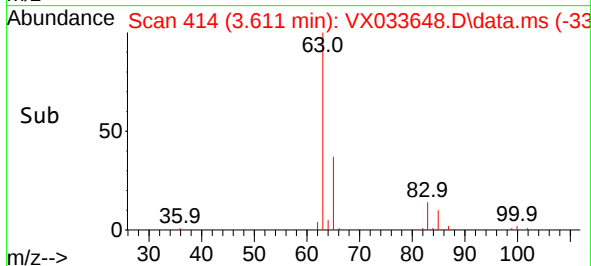
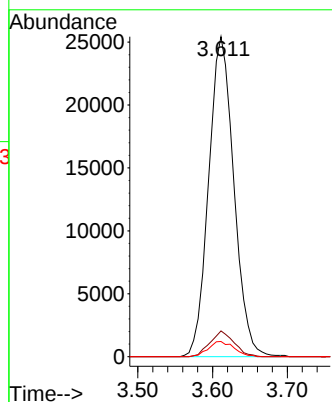
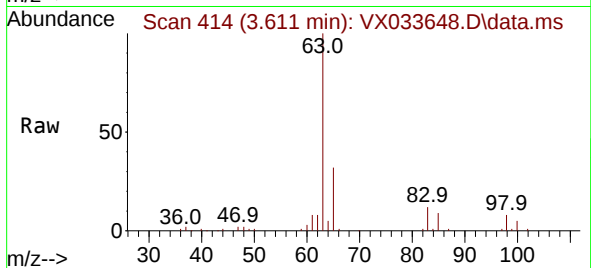
Tgt Ion: 63	Resp: 5957
Ion Ratio	Lower Upper
63 100	
98 8.1	4.0 12.2
100 4.8	2.4 7.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#22

cis-1,2-Dichloroethene

Concen: 21.072 ug/l

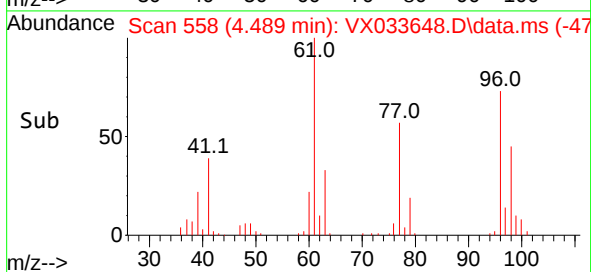
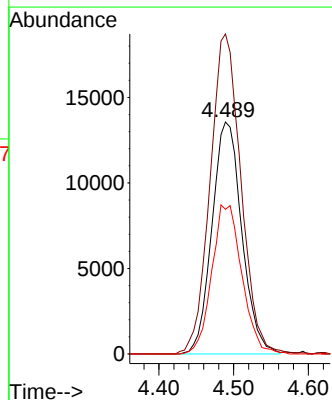
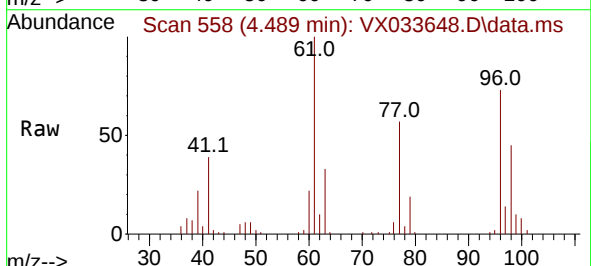
RT: 4.489 min Scan# 558

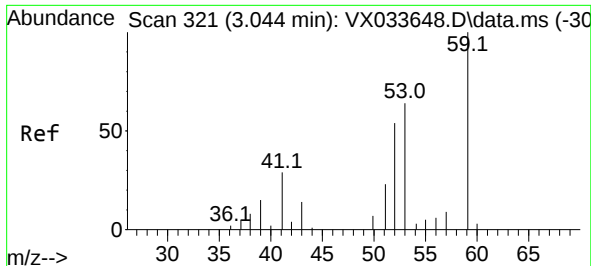
Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Tgt Ion: 96	Resp: 37668
Ion Ratio	Lower Upper
96 100	
61 142.7	114.2 171.2
98 64.2	51.4 77.0





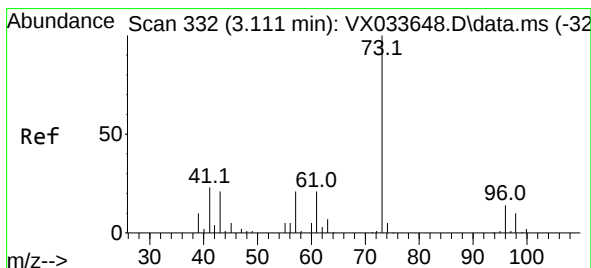
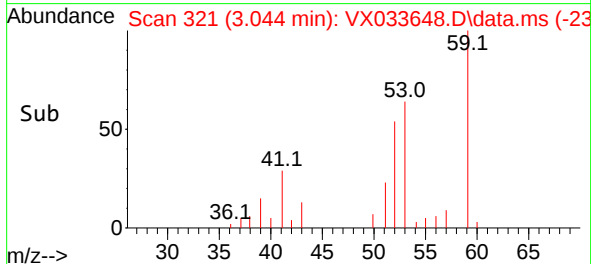
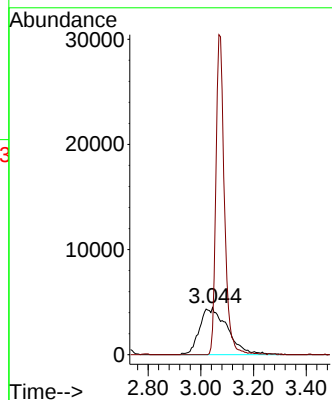
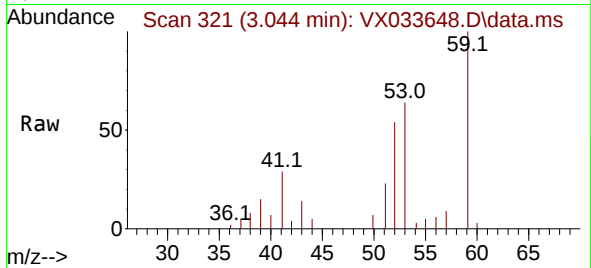
#23
tert-Butyl Alcohol
Concen: 112.180 ug/l m
RT: 3.044 min Scan# 321
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 3289
Ion Ratio Lower Upper
59 100
52 207.9 0.2 0.2

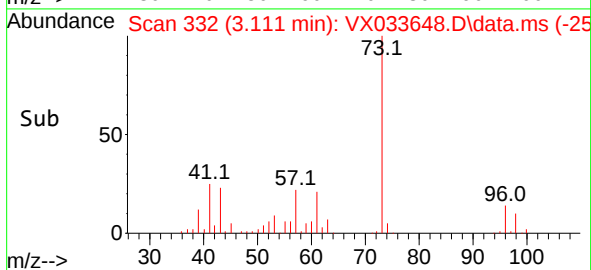
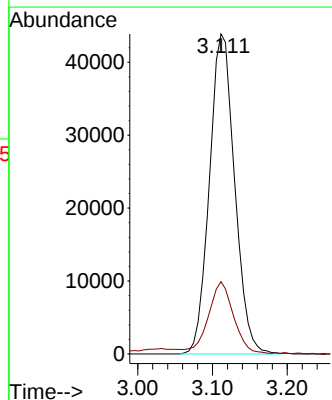
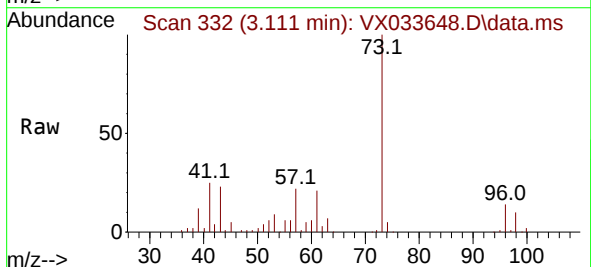
Manual Integrations
APPROVED

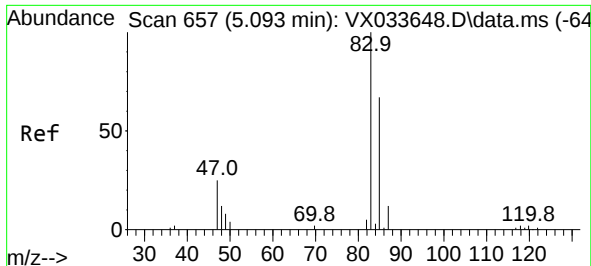
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#24
Methyl tert-Butyl Ether
Concen: 21.464 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 73 Resp: 103059
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1





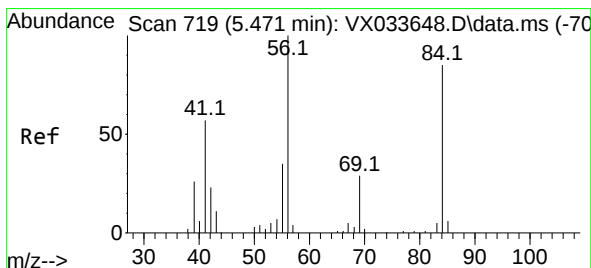
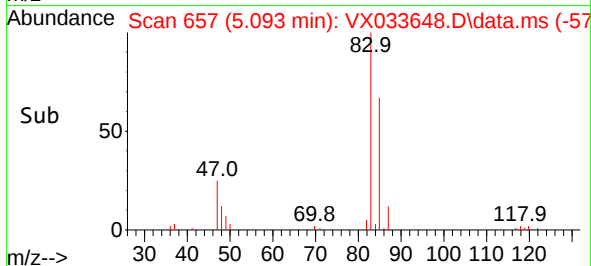
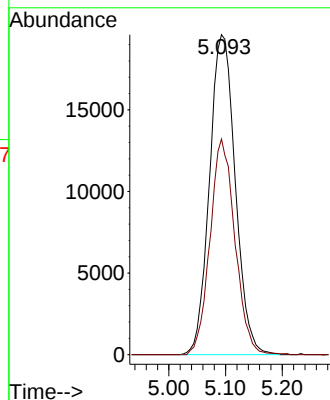
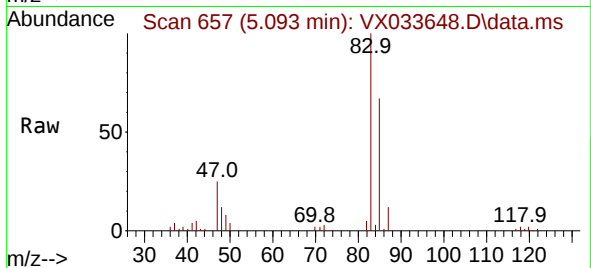
#25
Chloroform
Concen: 20.464 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6185
Ion Ratio Lower Upper
83 100
85 67.4 53.9 80.9

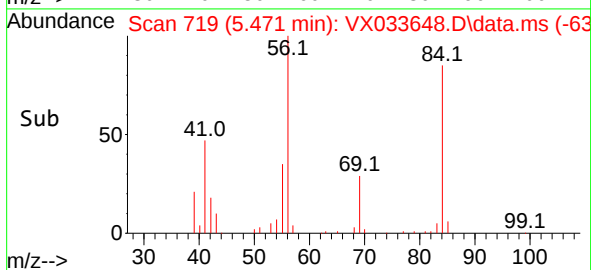
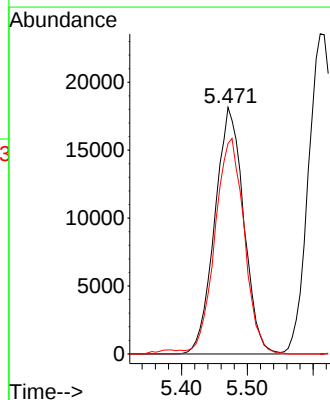
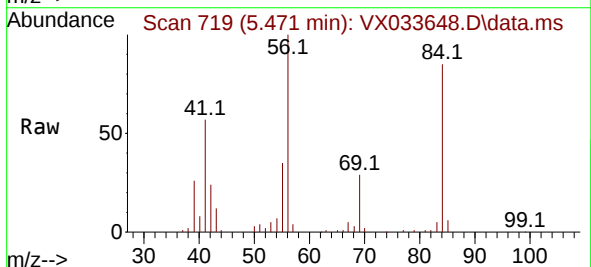
Manual Integrations
APPROVED

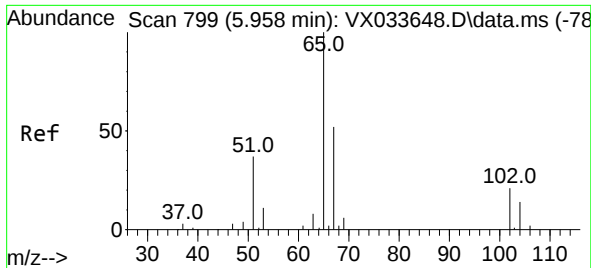
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#26
Cyclohexane
Concen: 23.010 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 56 Resp: 55503
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 70.8 106.2





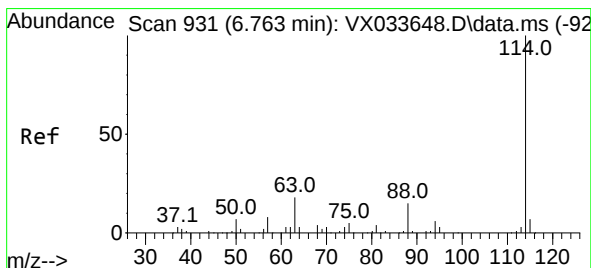
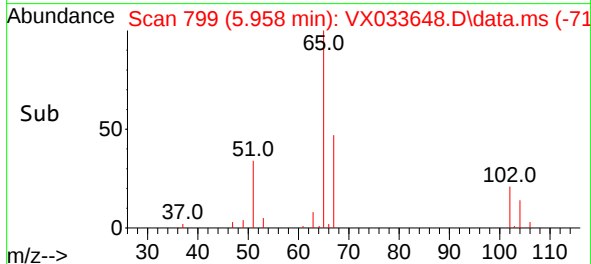
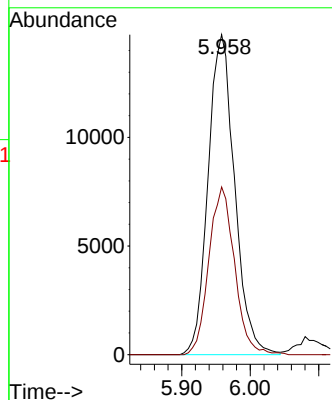
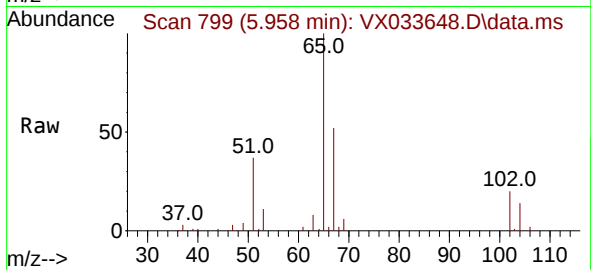
#27
1,2-Dichloroethane-d4
Concen: 30.001 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC020

Tgt Ion: 65 Resp: 3964
Ion Ratio Lower Upper
65 100
67 50.5 40.4 60.6

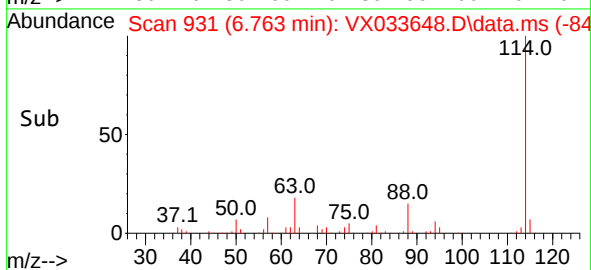
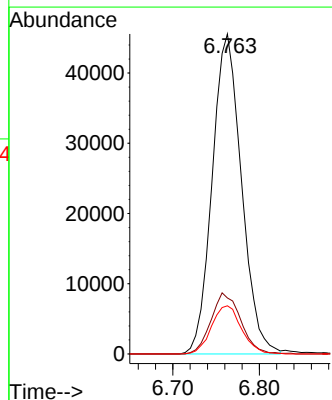
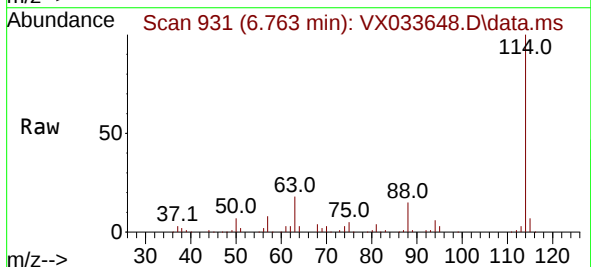
Manual Integrations
APPROVED

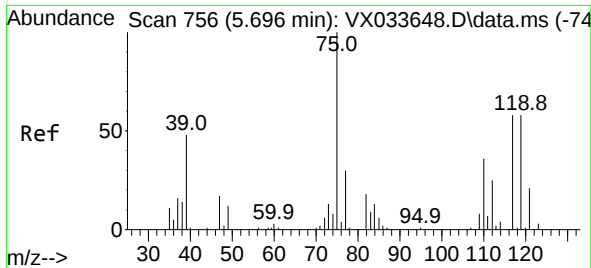
Reviewed By : John Carlone 01/09/2023
Supervised By : Mahesh Dadoda 01/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 114 Resp: 106999
Ion Ratio Lower Upper
114 100
63 19.4 15.5 23.3
88 15.5 12.4 18.6





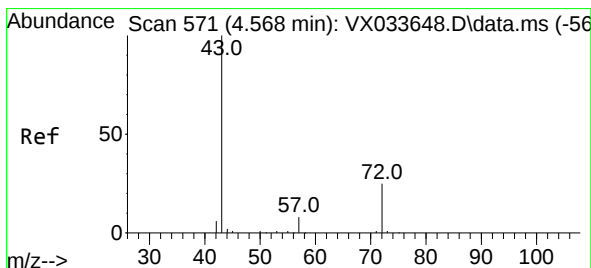
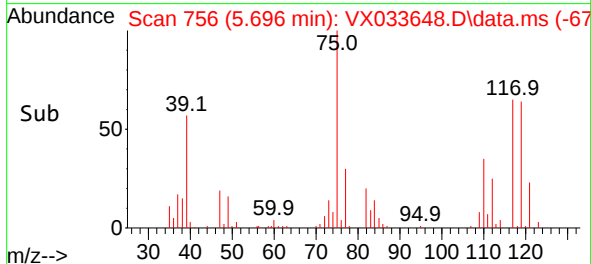
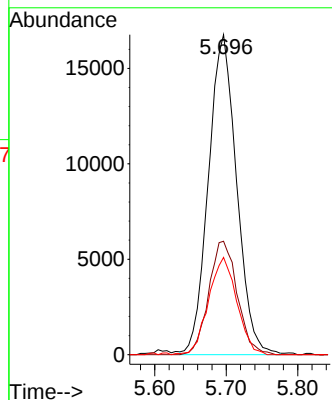
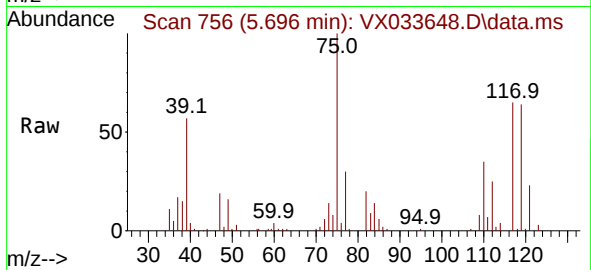
#29
1,1-Dichloropropene
Concen: 21.056 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 45960
Ion Ratio Lower Upper
75 100
110 35.7 0.0 71.4
77 30.5 0.0 61.0

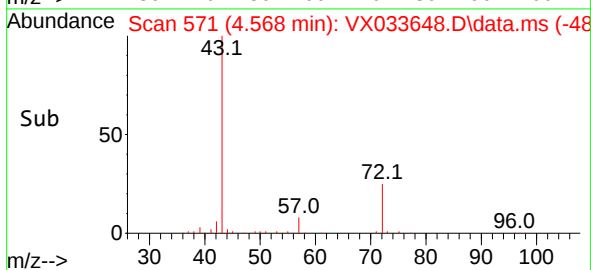
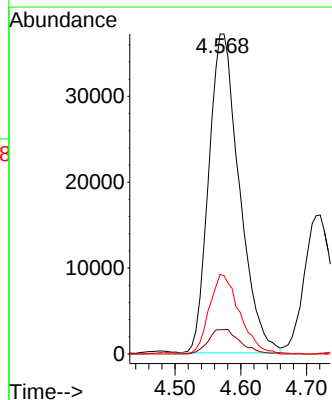
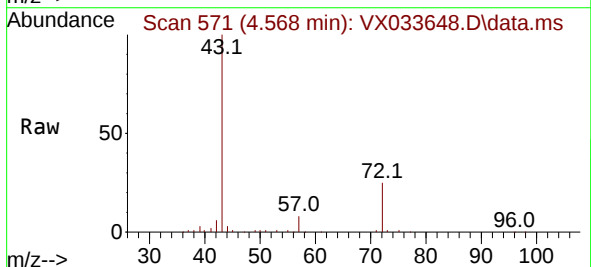
Manual Integrations
APPROVED

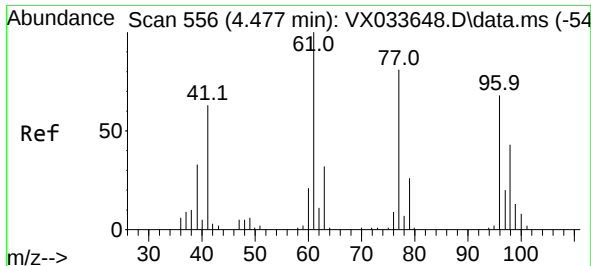
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#30
2-Butanone
Concen: 116.117 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 43 Resp: 120174
Ion Ratio Lower Upper
43 100
57 4.3 3.4 5.2
72 24.7 19.8 29.6





#31

2,2-Dichloropropane

Concen: 17.345 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 3814

Ion Ratio Lower Upper

77 100

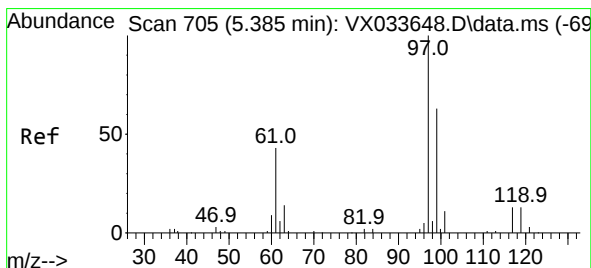
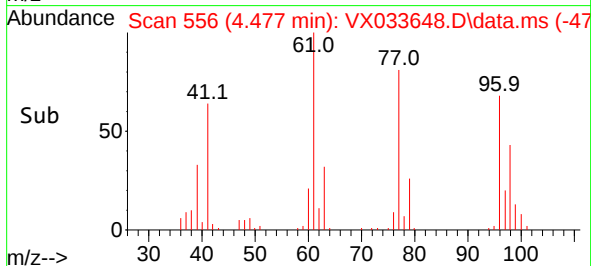
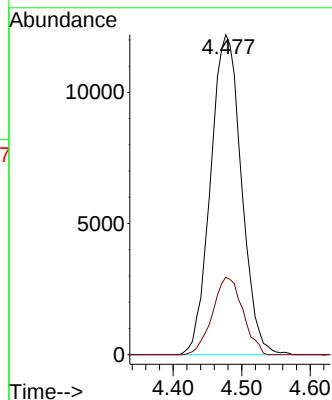
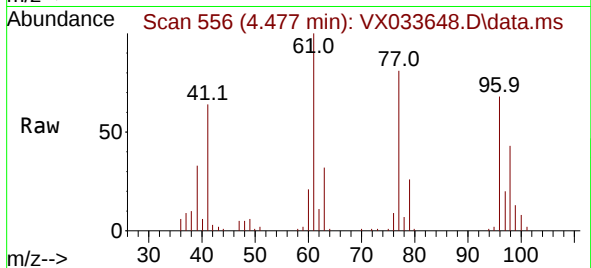
97 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#32

1,1,1-Trichloroethane

Concen: 19.234 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

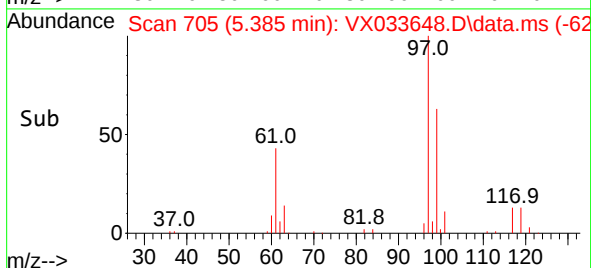
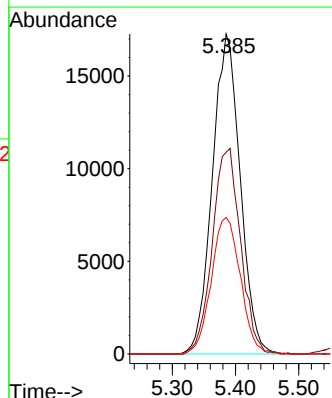
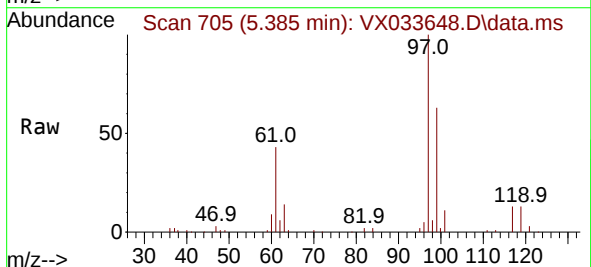
Tgt Ion: 97 Resp: 52810

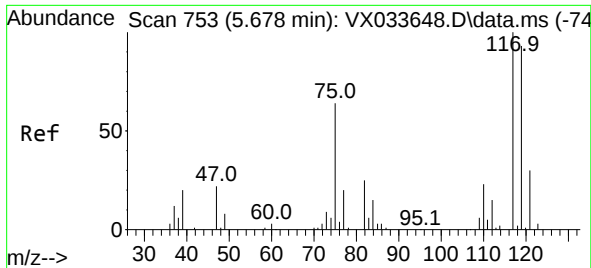
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

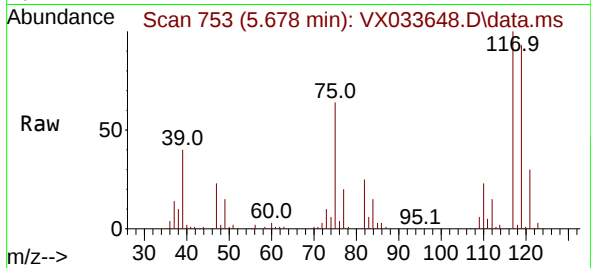
61 44.3 35.4 53.2





#33
Carbon Tetrachloride
Concen: 18.928 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

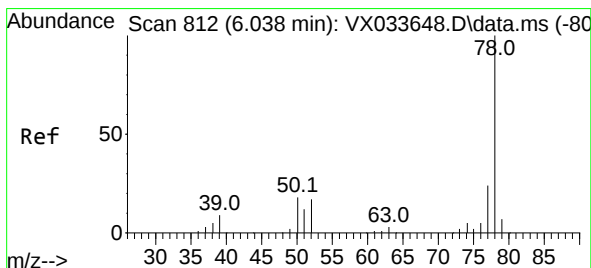
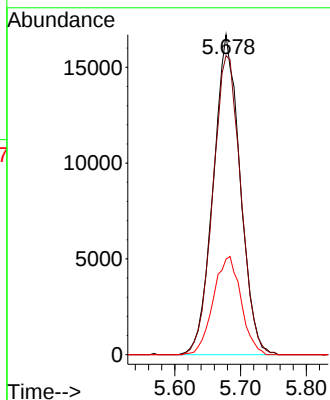
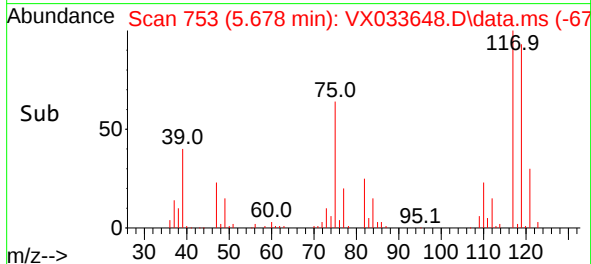
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 47360
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2
121 29.8 23.8 35.8

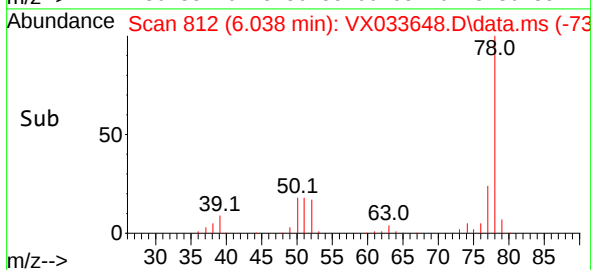
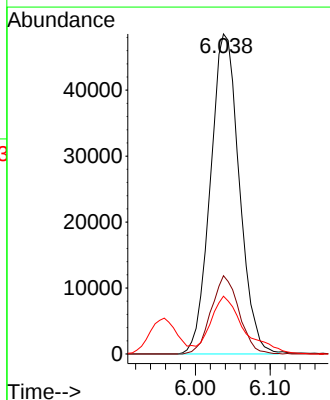
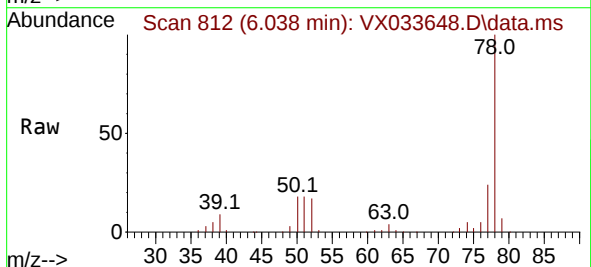
Manual Integrations
APPROVED

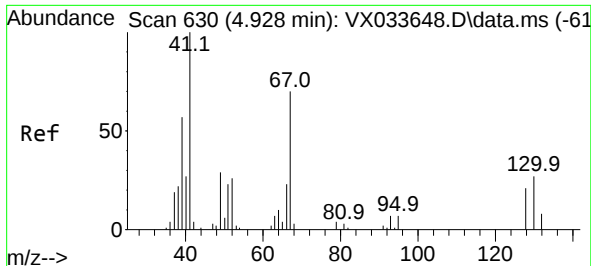
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#34
Benzene
Concen: 20.834 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

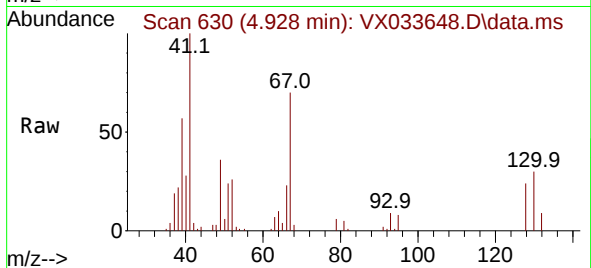
Tgt Ion: 78 Resp: 130277
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3
51 16.3 13.0 19.6





#35
Methacrylonitrile
Concen: 24.774 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

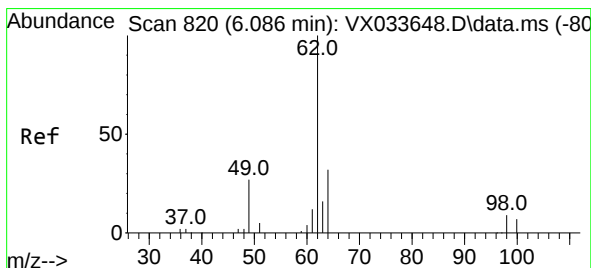
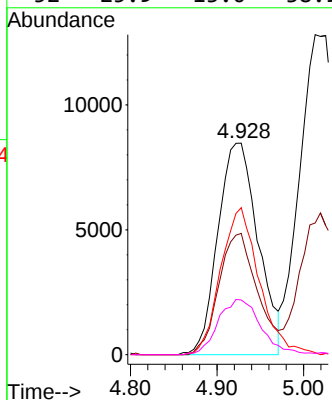
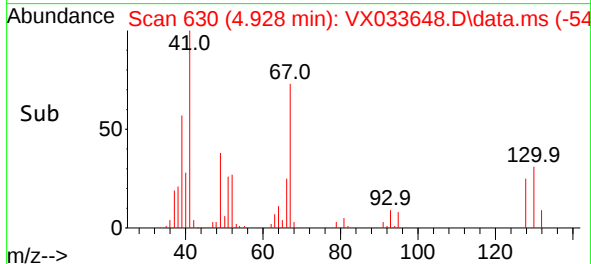
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 2735
Ion Ratio Lower Upper
41 100
39 57.3 28.6 85.9
67 69.5 34.8 104.3
52 25.9 13.0 38.9

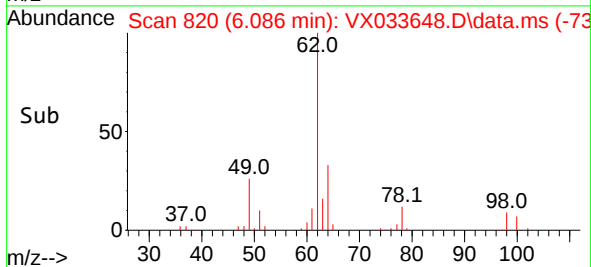
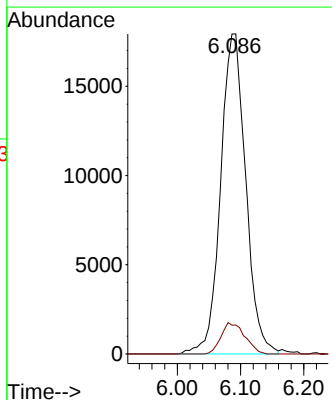
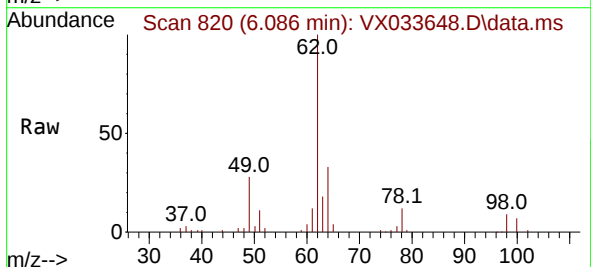
Manual Integrations
APPROVED

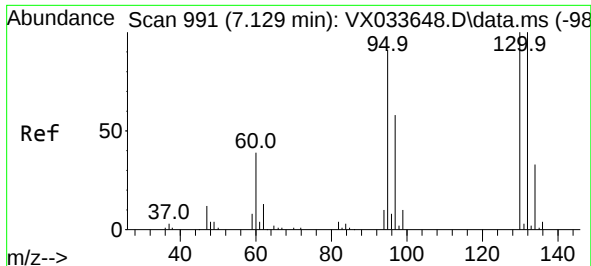
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#36
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

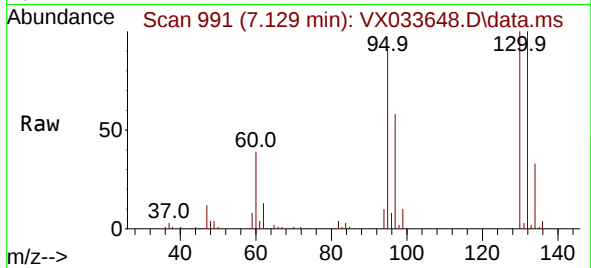
Tgt Ion: 62 Resp: 49461
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37
Trichloroethene
Concen: 21.062 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

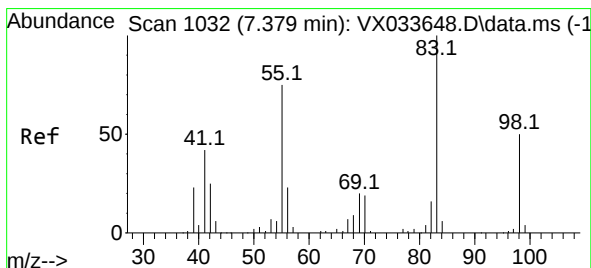
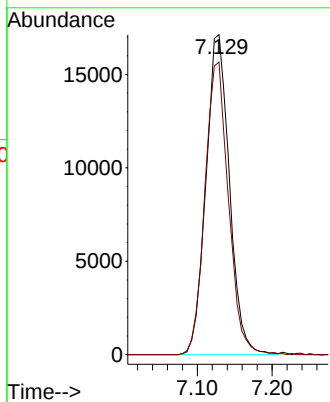
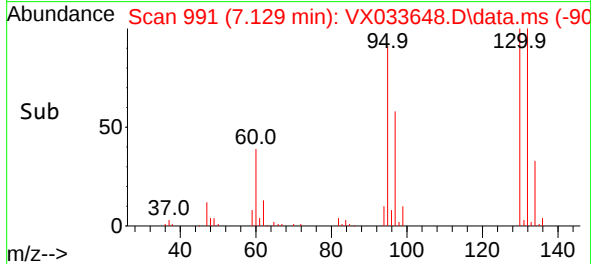
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:130 Resp: 37424
Ion Ratio Lower Upper
130 100
95 91.4 73.1 109.7

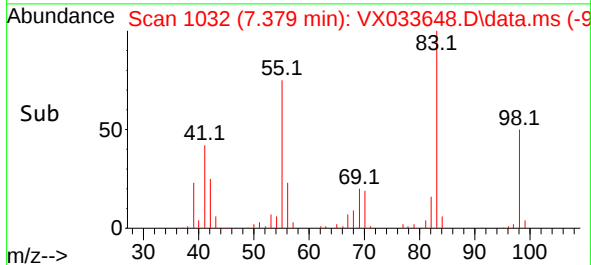
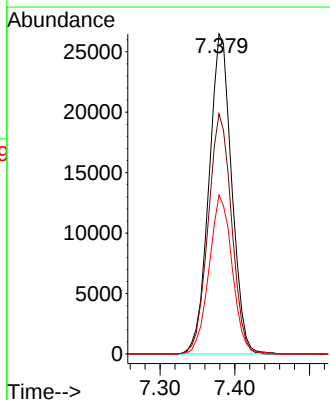
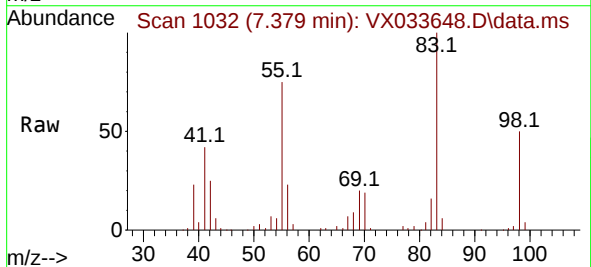
Manual Integrations
APPROVED

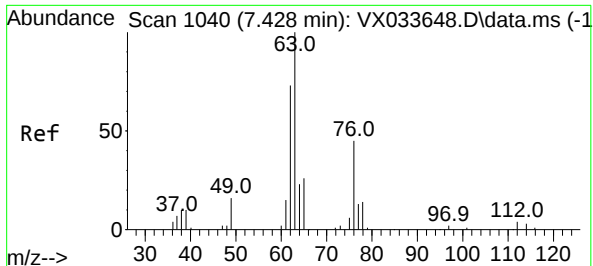
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#38
Methylcyclohexane
Concen: 21.490 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 83 Resp: 55924
Ion Ratio Lower Upper
83 100
55 77.1 38.6 115.7
98 50.5 25.3 75.8





#39

1,2-Dichloropropane

Concen: 21.667 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 34109

Ion Ratio Lower Upper

63 100

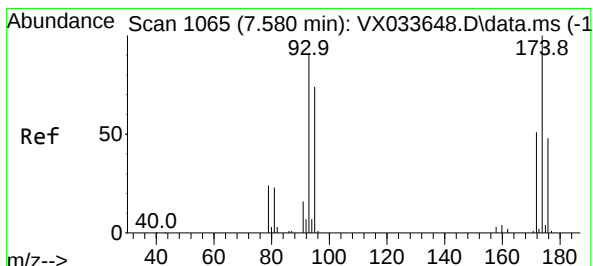
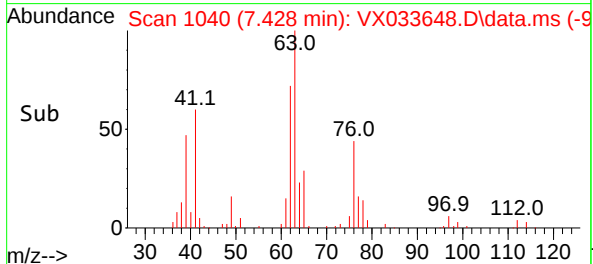
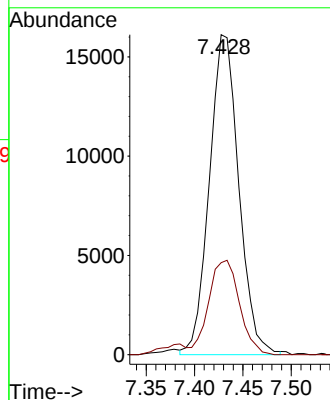
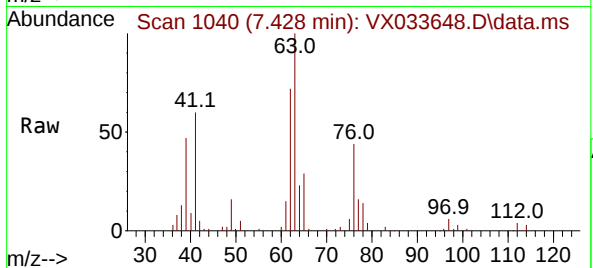
65 29.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#40

Dibromomethane

Concen: 20.175 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

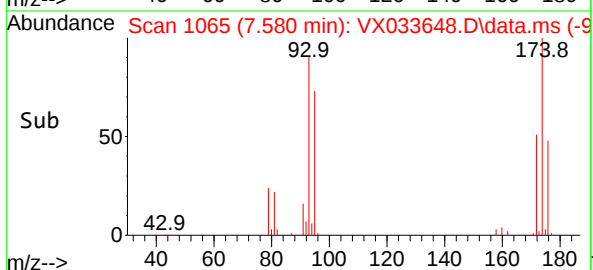
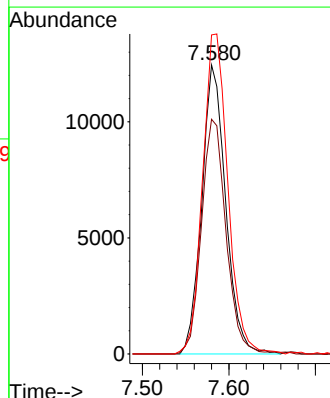
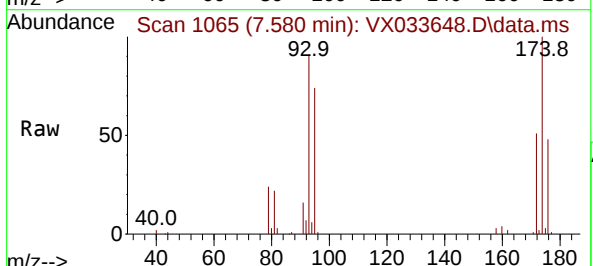
Tgt Ion: 93 Resp: 23881

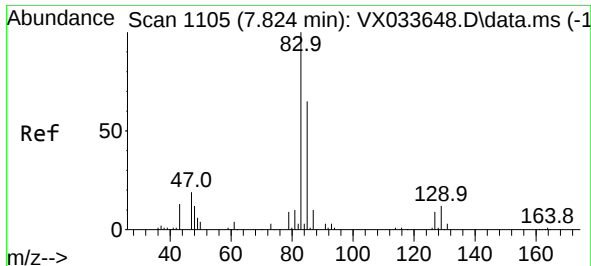
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.4

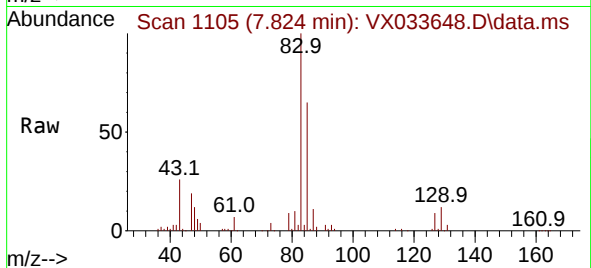
174 116.9 0.0 233.8





#41
Bromodichloromethane
Concen: 19.290 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

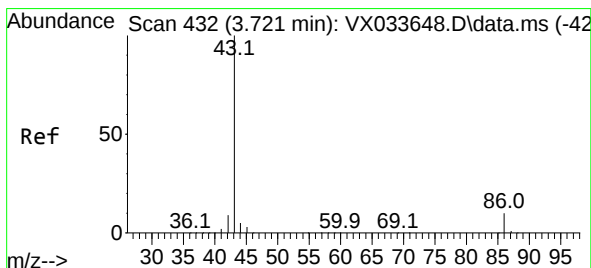
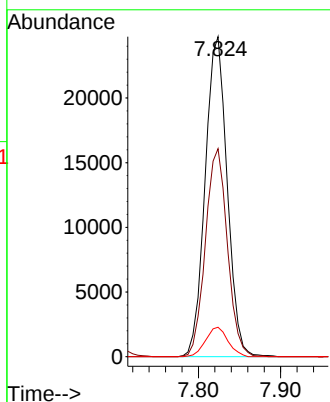
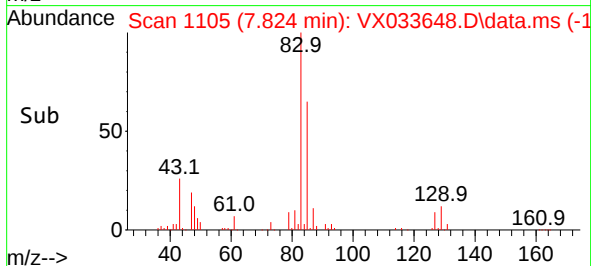
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



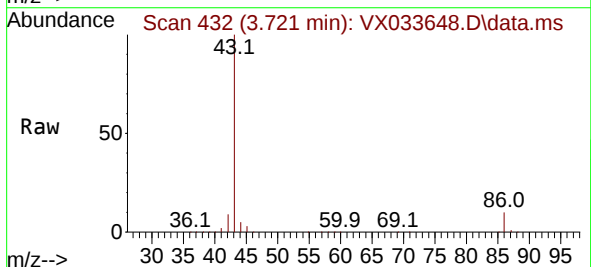
Tgt Ion: 83 Resp: 45992
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 9.2 7.4 11.0

Manual Integrations
APPROVED

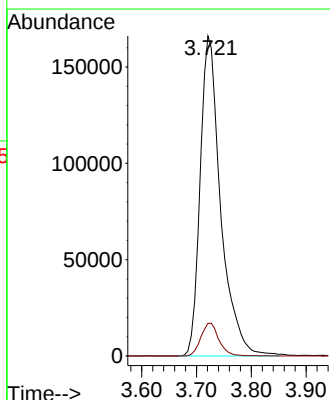
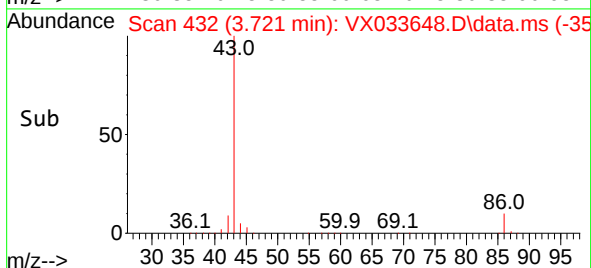
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

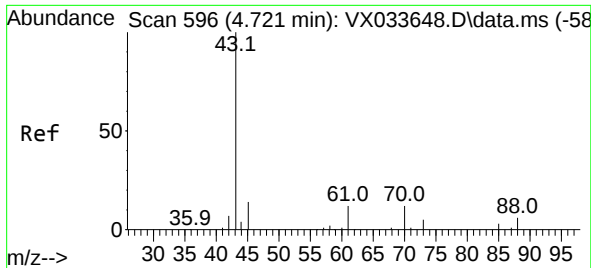


#42
Vinyl Acetate
Concen: 118.216 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



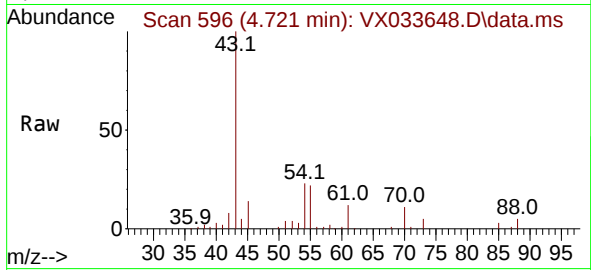
Tgt Ion: 43 Resp: 431915
Ion Ratio Lower Upper
43 100
86 9.0 7.2 10.8





#43
Ethyl Acetate
Concen: 26.093 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

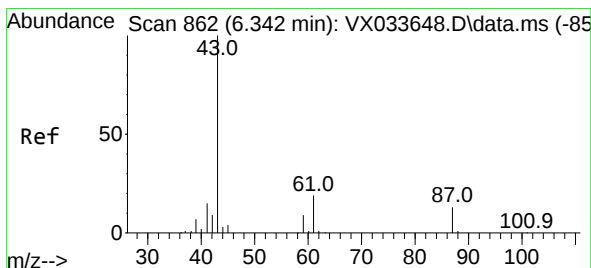
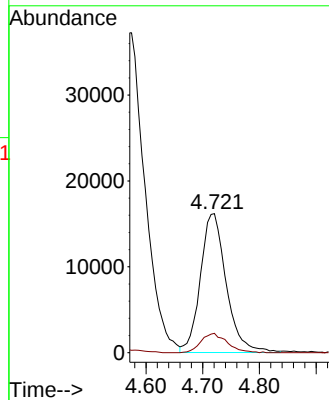
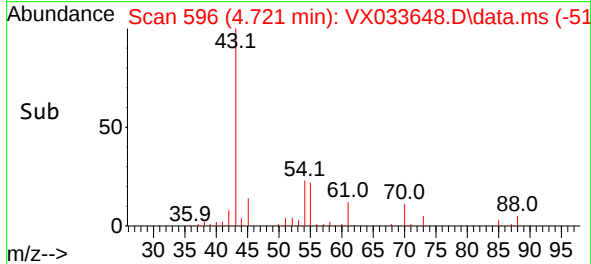
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8

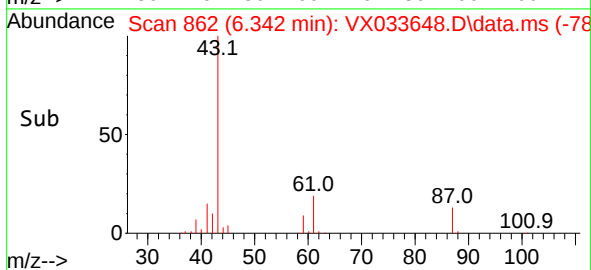
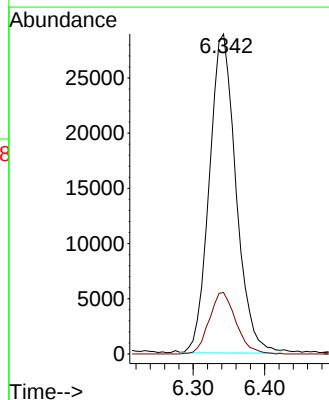
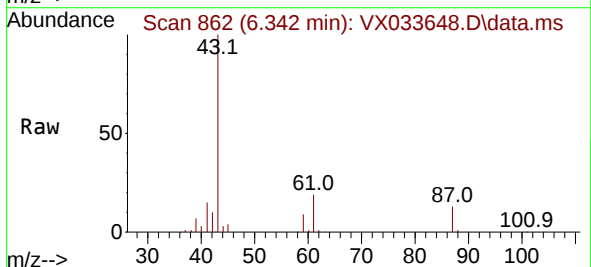
Manual Integrations
APPROVED

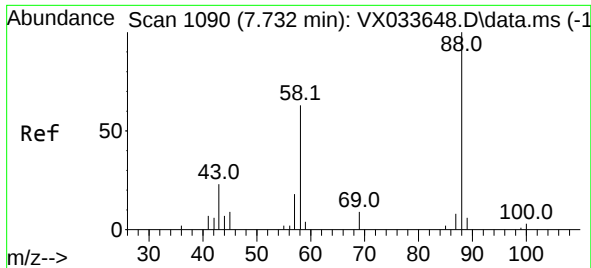
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#44
Isopropyl Acetate
Concen: 23.317 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 43 Resp: 74813
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2





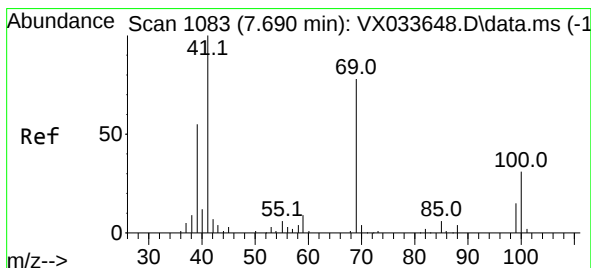
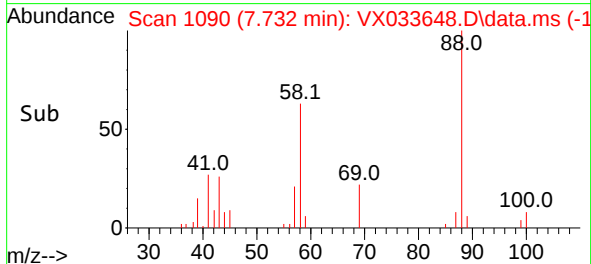
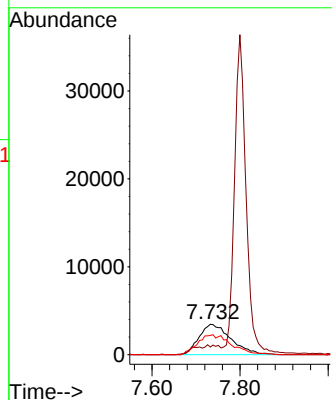
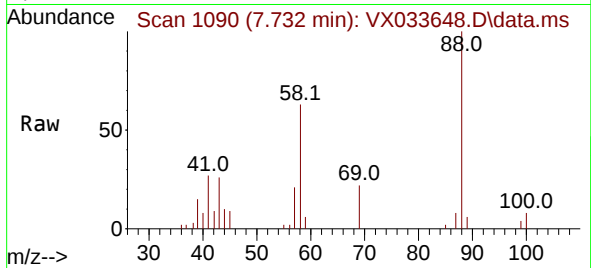
#45
1,4-Dioxane
Concen: 469.393 ug/l m
RT: 7.732 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 1738
Ion Ratio Lower Upper
88 100
43 1.5 1.2 1.8
58 10.6 8.5 12.7

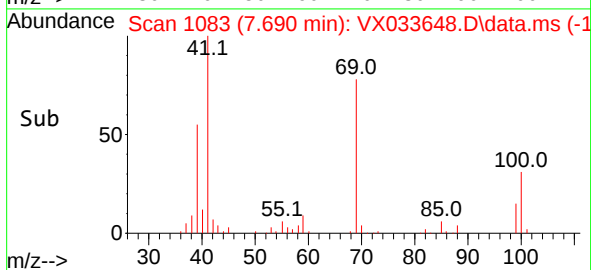
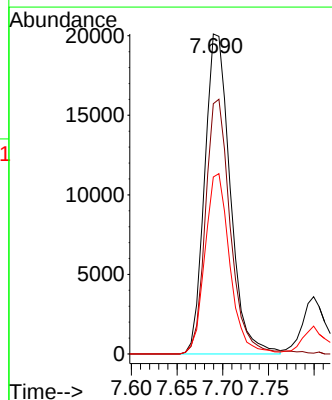
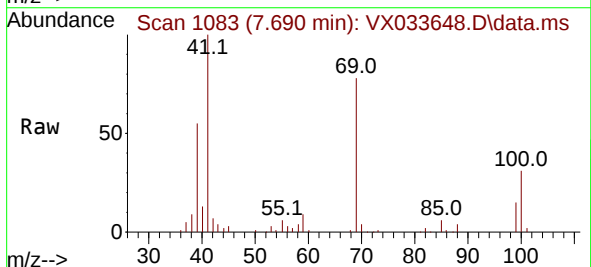
Manual Integrations
APPROVED

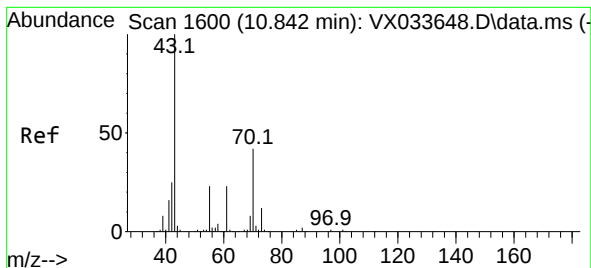
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#46
Methyl methacrylate
Concen: 24.188 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 41 Resp: 39085
Ion Ratio Lower Upper
41 100
69 78.2 39.1 117.3
39 55.3 27.7 83.0





#47

n-amy1 Acetate

Concen: 23.895 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 64804

Ion Ratio Lower Upper

43 100

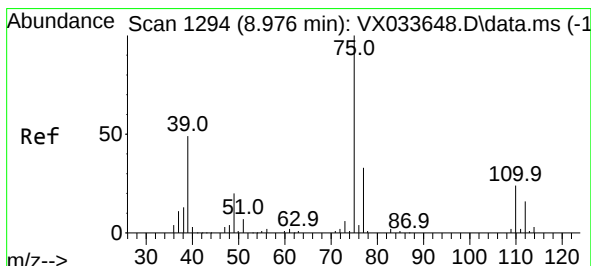
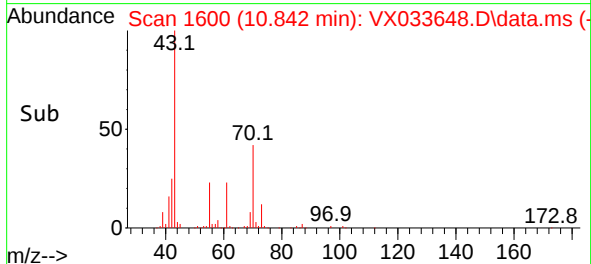
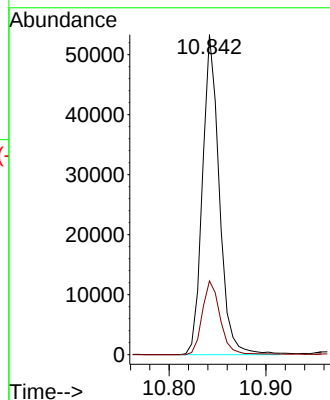
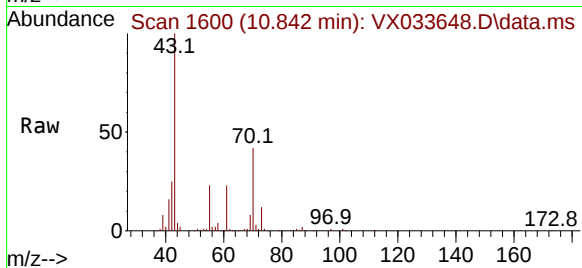
55 24.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#48

t-1,3-Dichloropropene

Concen: 18.852 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033648.D

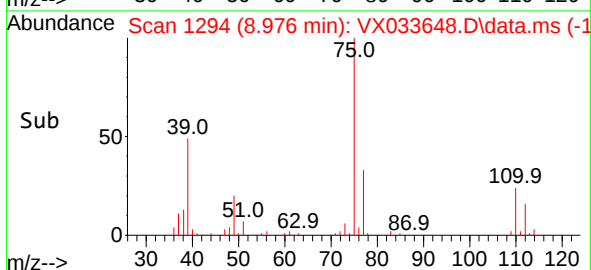
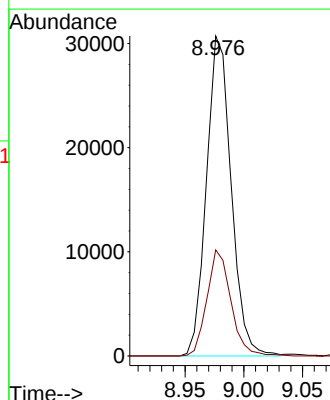
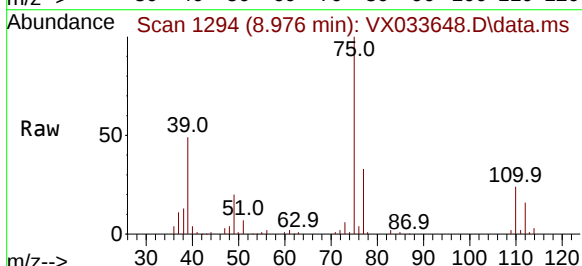
Acq: 06 Jan 2023 23:04

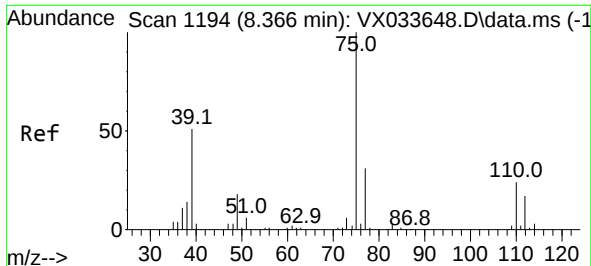
Tgt Ion: 75 Resp: 45049

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 19.328 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 5002

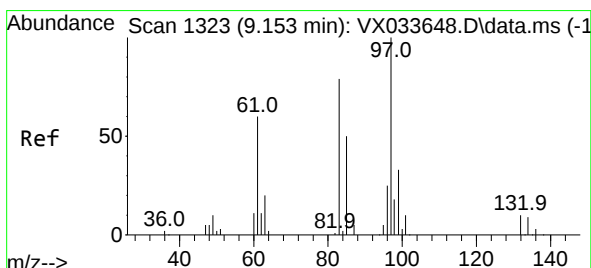
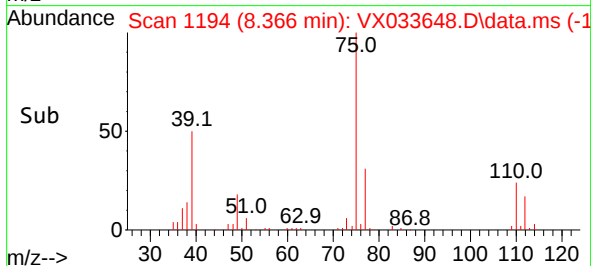
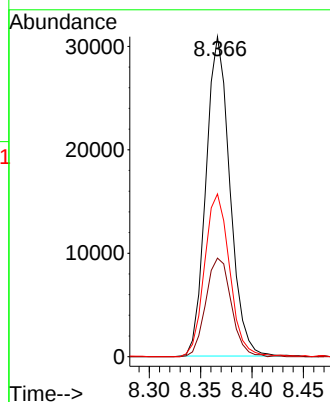
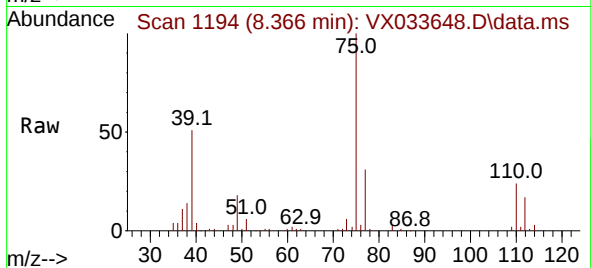
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.9	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

1,1,2-Trichloroethane

Concen: 20.812 ug/l

RT: 9.153 min Scan# 1323

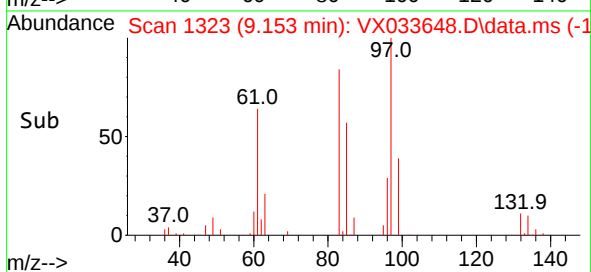
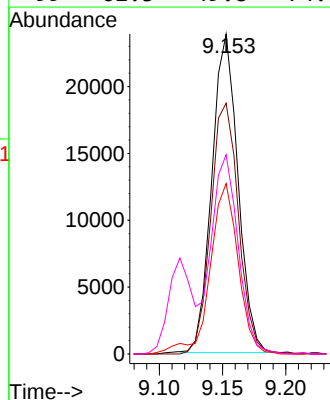
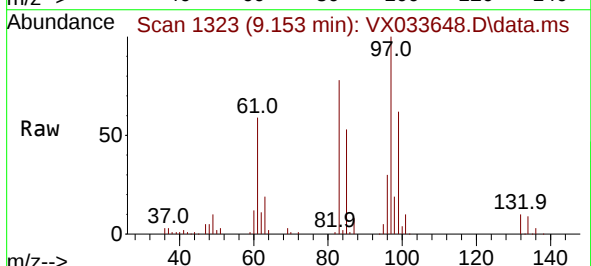
Delta R.T. 0.000 min

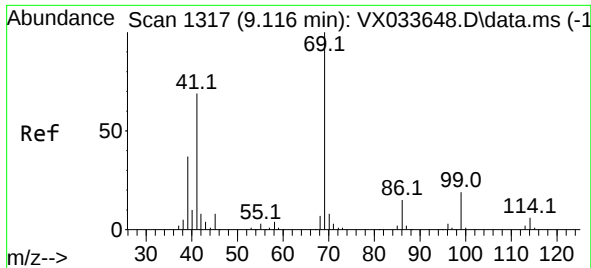
Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Tgt Ion: 97 Resp: 34180

Ion	Ratio	Lower	Upper
97	100		
83	78.7	63.0	94.4
85	53.5	42.8	64.2
99	62.3	49.8	74.8





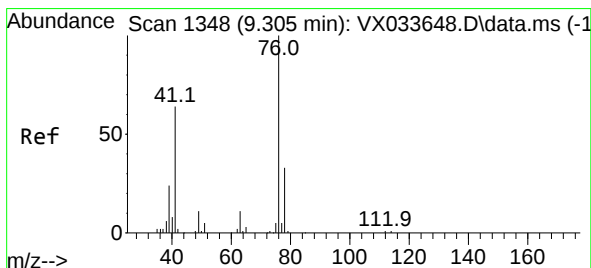
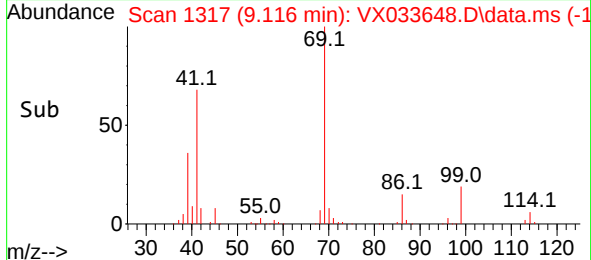
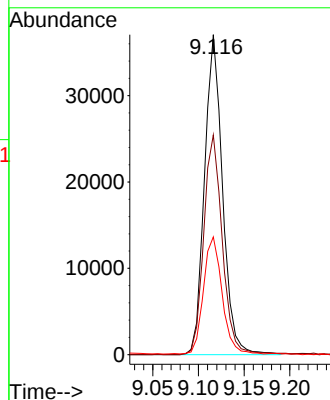
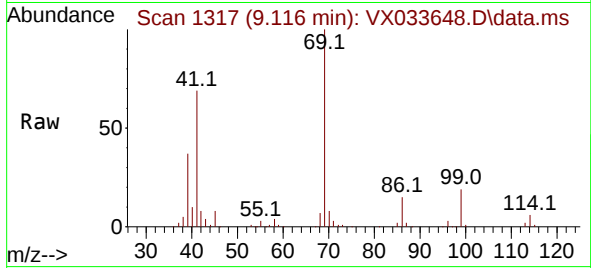
#51
Ethyl methacrylate
Concen: 21.364 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 5081
Ion Ratio Lower Upper
69 100
41 68.6 34.3 102.9
39 36.6 18.3 54.9

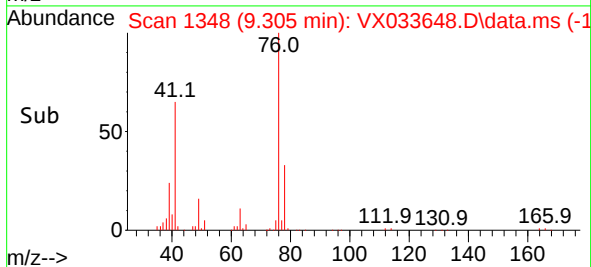
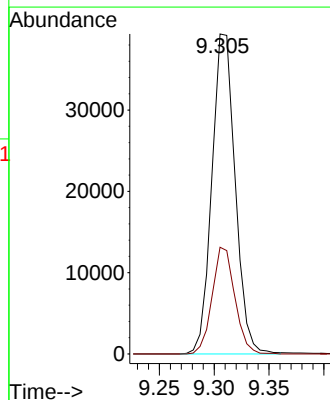
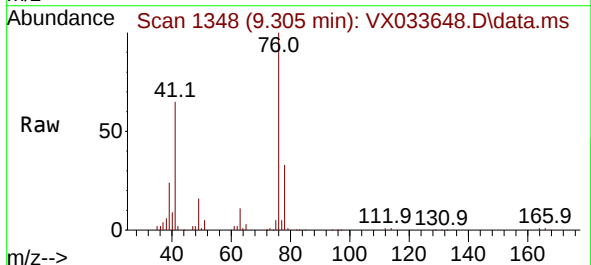
Manual Integrations
APPROVED

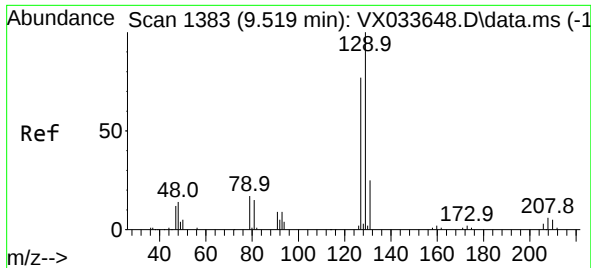
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#52
1,3-Dichloropropane
Concen: 21.575 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

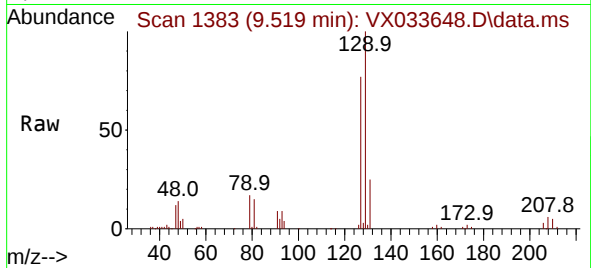
Tgt Ion: 76 Resp: 58345
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





#53
Dibromochloromethane
Concen: 18.579 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

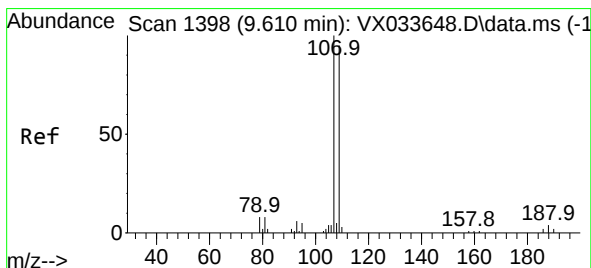
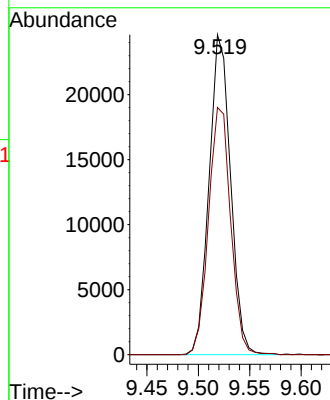
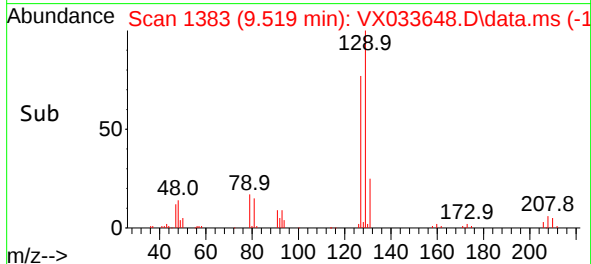
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 35729
Ion Ratio Lower Upper
129 100
127 79.6 39.8 119.4

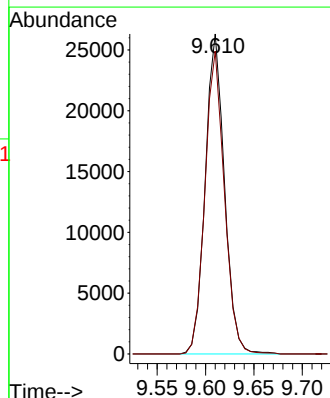
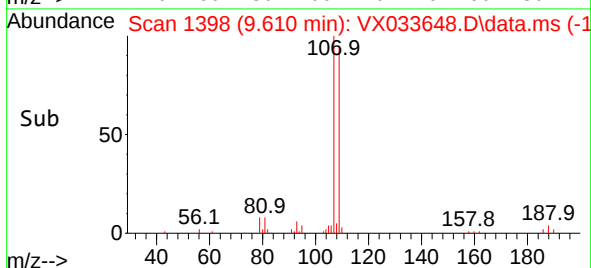
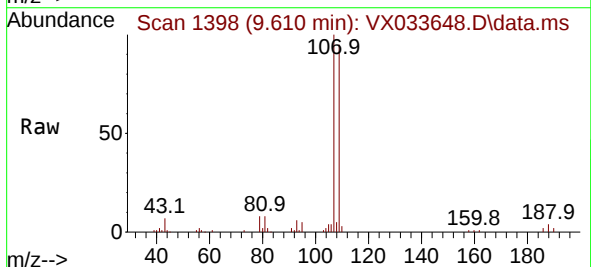
Manual Integrations
APPROVED

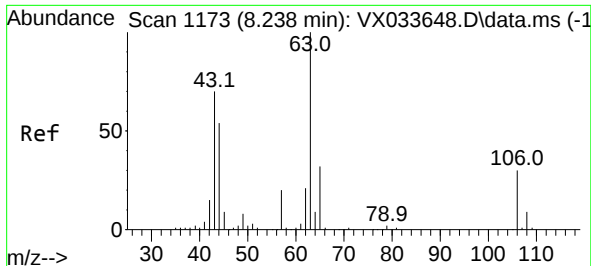
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#54
1,2-Dibromoethane
Concen: 20.408 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion:107 Resp: 36497
Ion Ratio Lower Upper
107 100
109 95.5 76.4 114.6





#55

2-Chloroethyl vinyl ether

Concen: 108.065 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 122610

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4

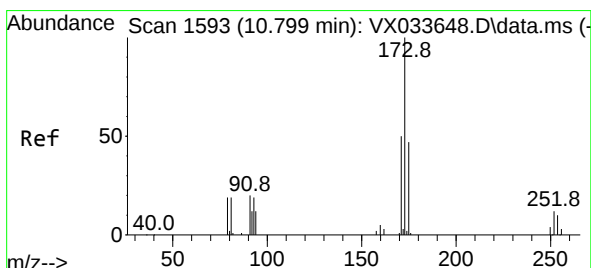
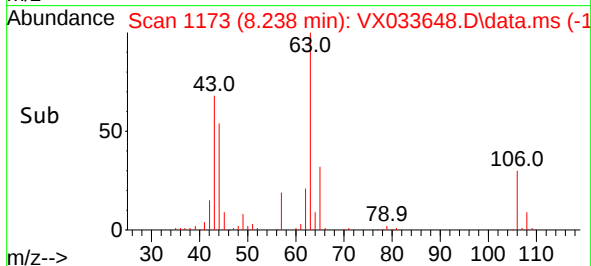
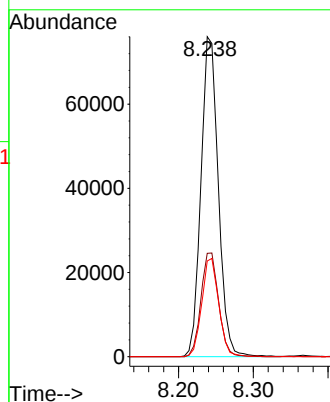
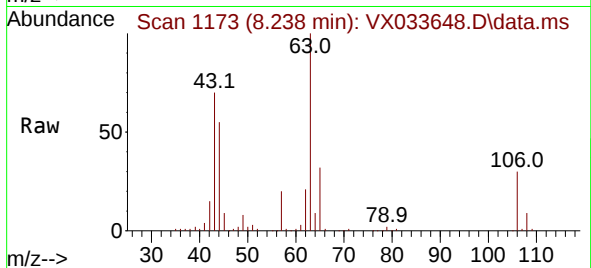
106 30.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#56

Bromoform

Concen: 19.609 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

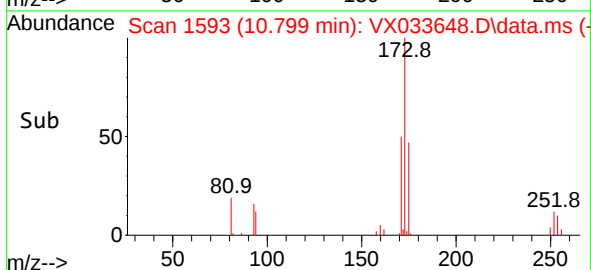
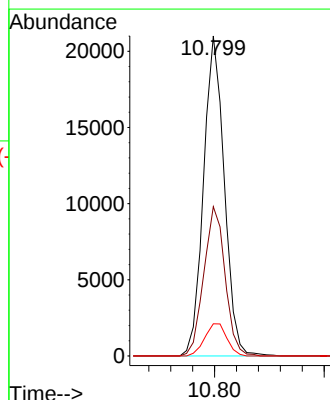
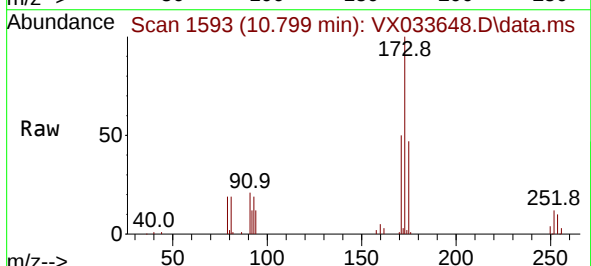
Tgt Ion:173 Resp: 27619

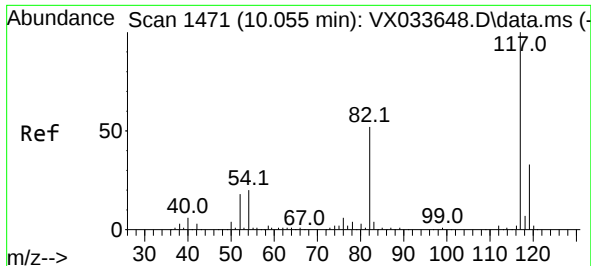
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 10.8 8.6 13.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

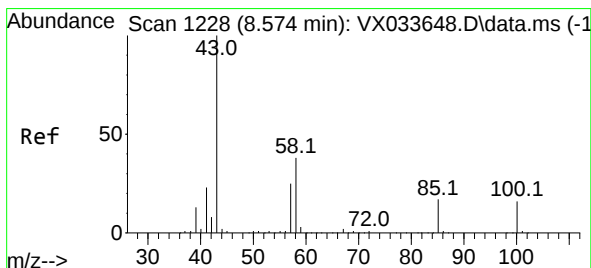
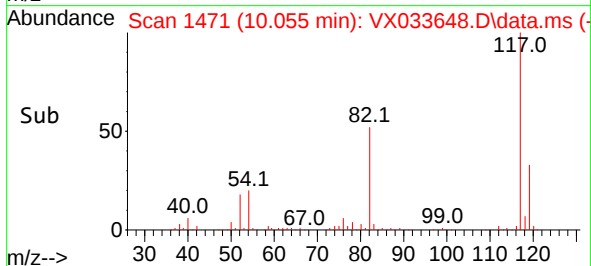
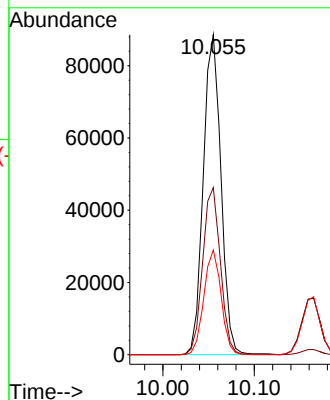
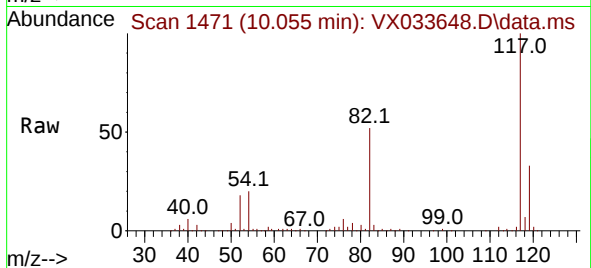
Tgt Ion:	117	Resp:	11889
Ion Ratio	Lower	Upper	
117	100		
82	52.4	41.9	62.9
119	32.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#58

4-Methyl-2-Pentanone

Concen: 120.946 ug/l

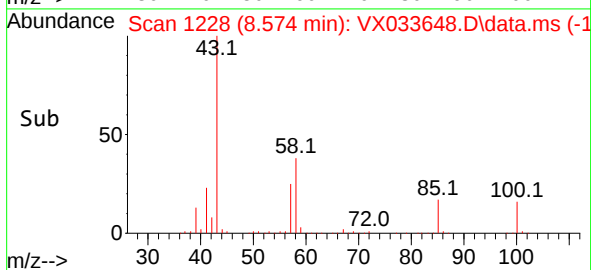
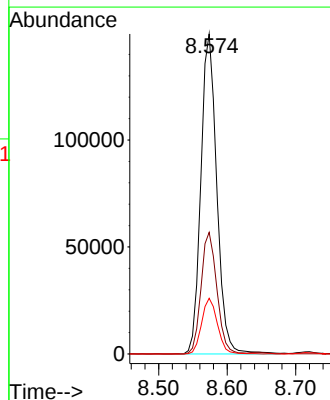
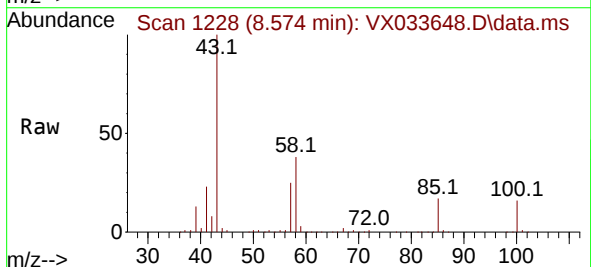
RT: 8.574 min Scan# 1228

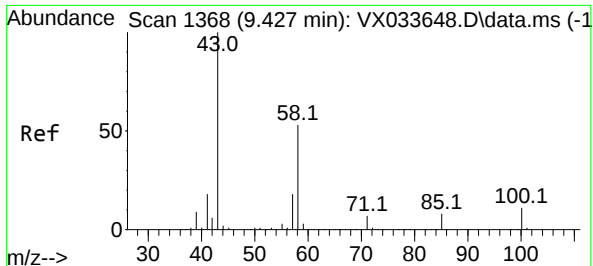
Delta R.T. 0.000 min

Lab File: VX033648.D

Acq: 06 Jan 2023 23:04

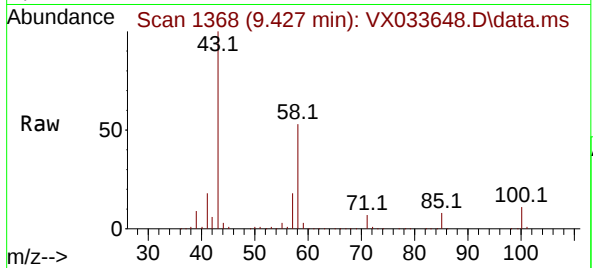
Tgt Ion:	43	Resp:	242605
Ion Ratio	Lower	Upper	
43	100		
58	37.8	30.2	45.4
85	17.3	13.8	20.8





#59
2-Hexanone
Concen: 117.401 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

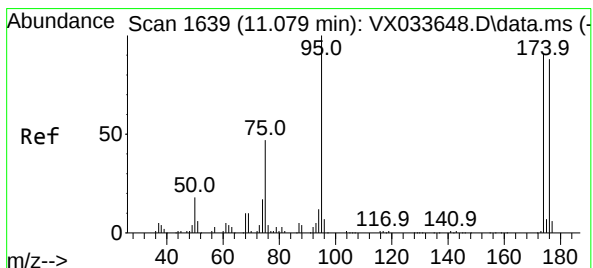
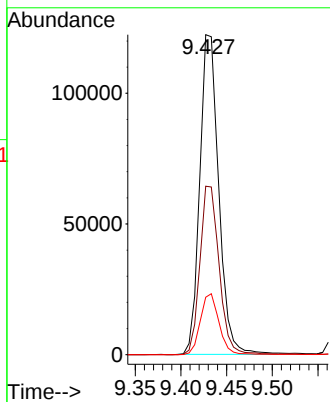
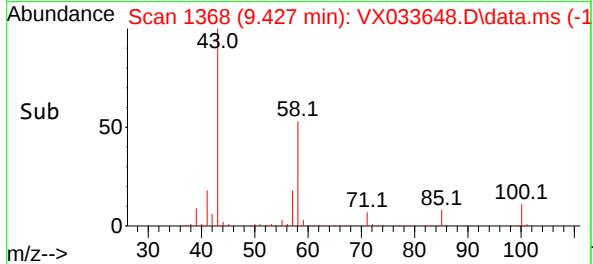
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 176588
Ion Ratio Lower Upper
43 100
58 53.6 42.9 64.3
57 18.8 15.0 22.6

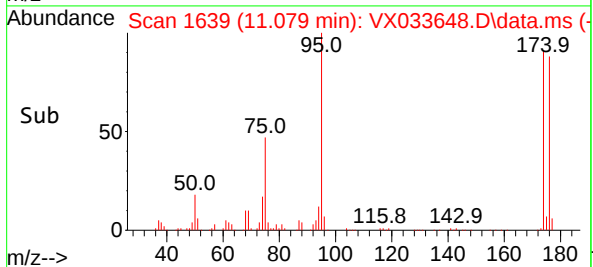
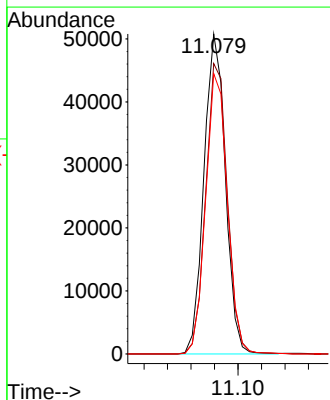
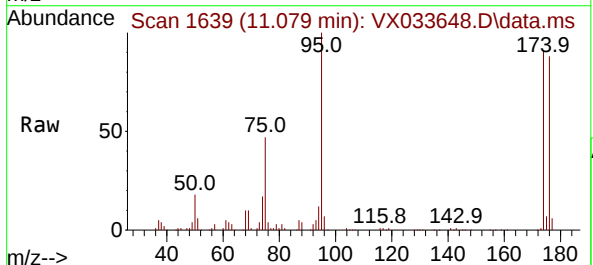
Manual Integrations
APPROVED

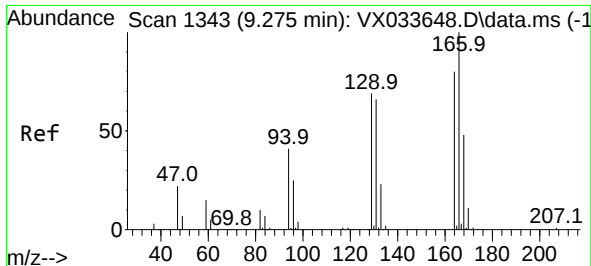
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#60
4-Bromofluorobenzene
Concen: 29.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

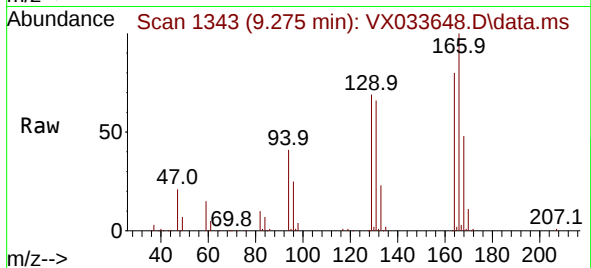
Tgt Ion: 95 Resp: 64332
Ion Ratio Lower Upper
95 100
174 92.1 73.7 110.5
176 88.7 71.0 106.4





#61
Tetrachloroethene
Concen: 20.806 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

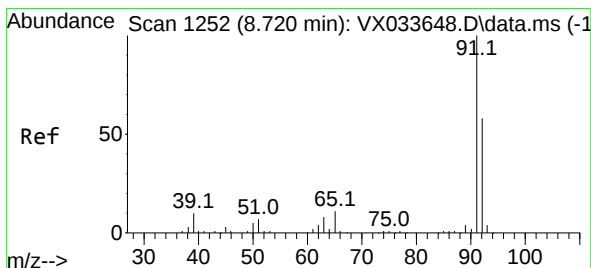
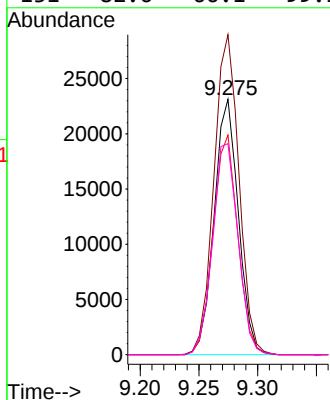
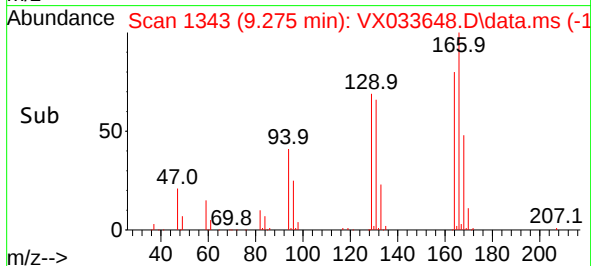
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 33214
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 86.0 68.8 103.2
131 82.6 66.1 99.1

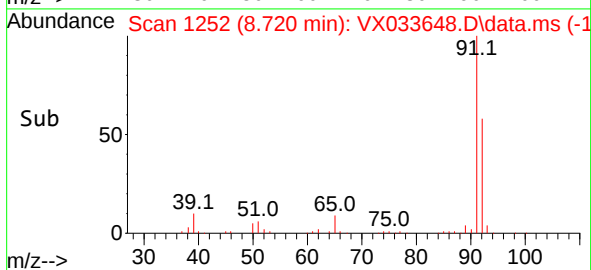
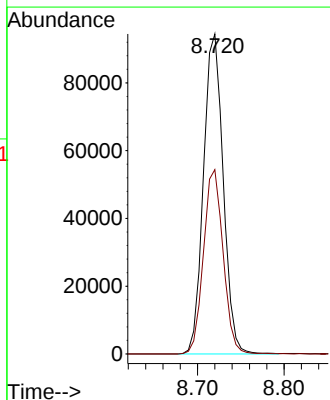
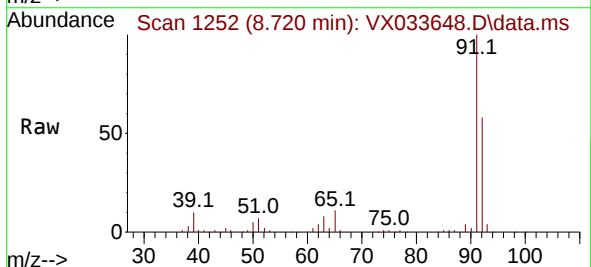
Manual Integrations
APPROVED

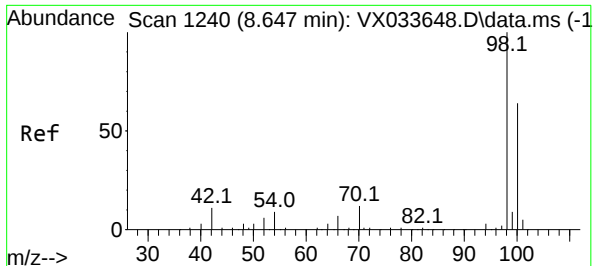
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#62
Toluene
Concen: 20.703 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 91 Resp: 149405
Ion Ratio Lower Upper
91 100
92 57.3 45.8 68.8





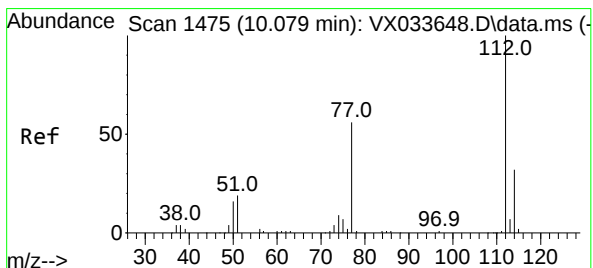
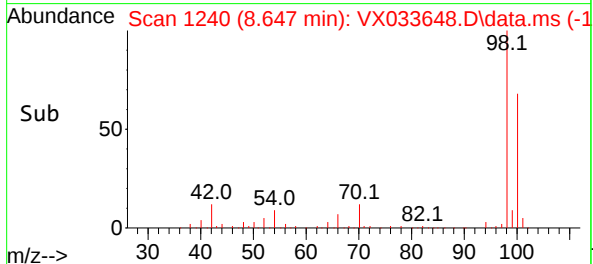
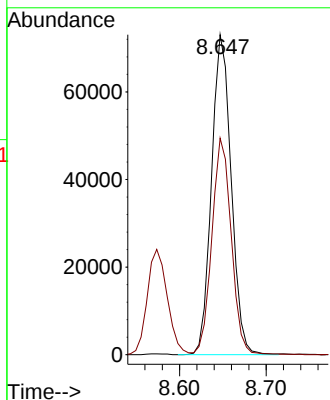
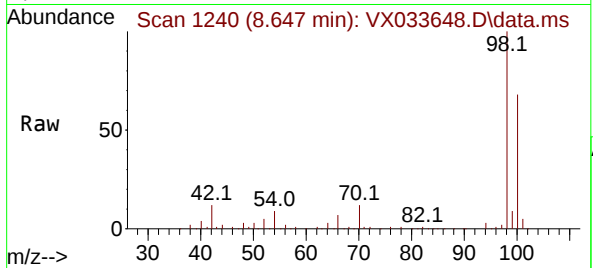
#63
Toluene-d8
Concen: 29.315 ug/l
RT: 8.647 min Scan# 11500
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 11500
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

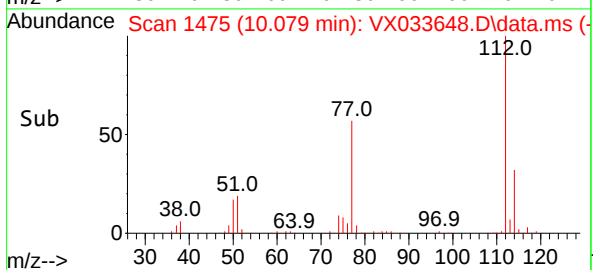
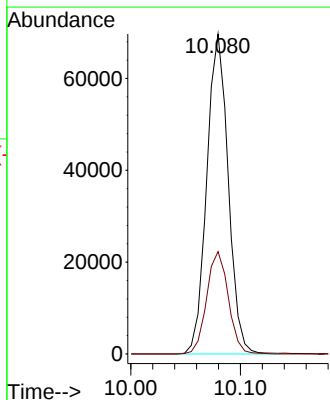
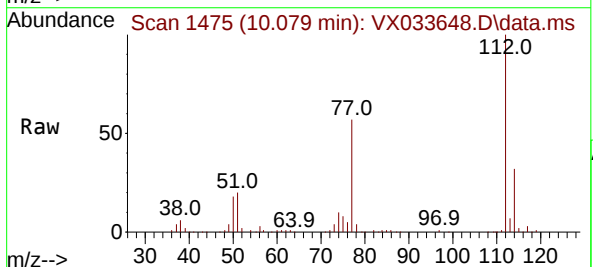
Manual Integrations
APPROVED

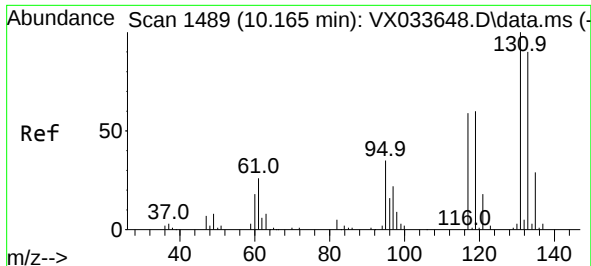
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Chlorobenzene
Concen: 20.675 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

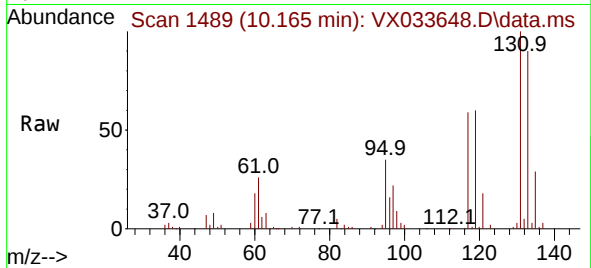
Tgt Ion:112 Resp: 94663
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.014 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

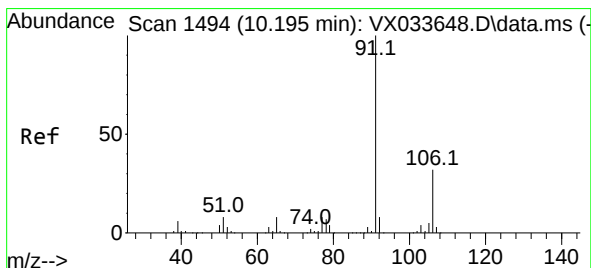
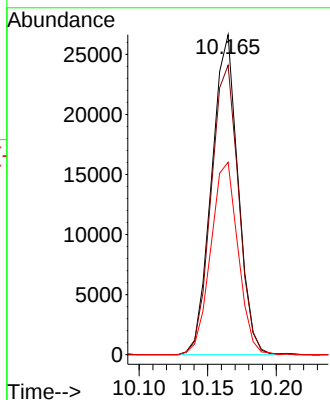
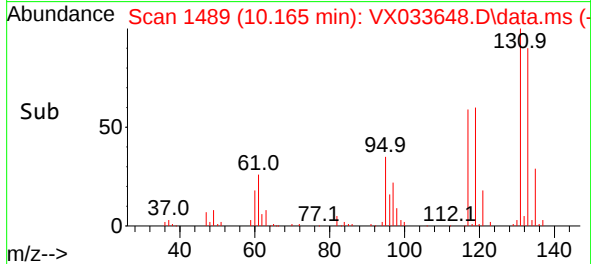
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 3576
Ion Ratio Lower Upper
131 100
133 93.8 0.0 187.6
119 62.0 0.0 124.0

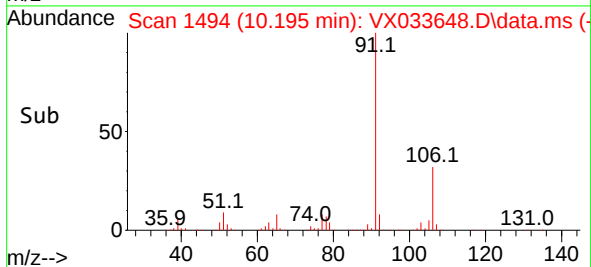
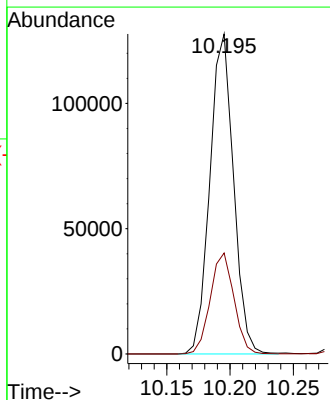
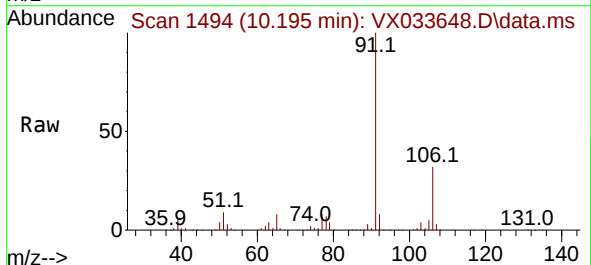
Manual Integrations
APPROVED

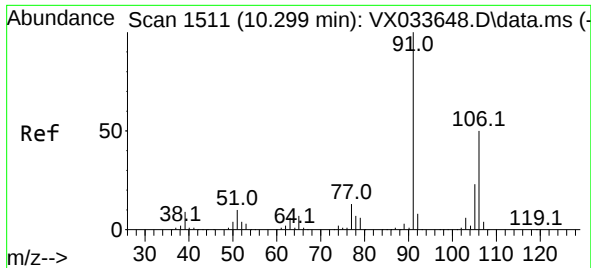
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#66
Ethyl Benzene
Concen: 20.474 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 91 Resp: 166113
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8





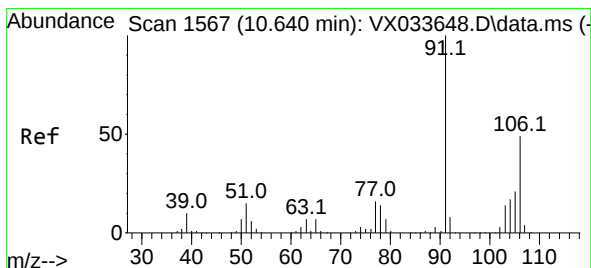
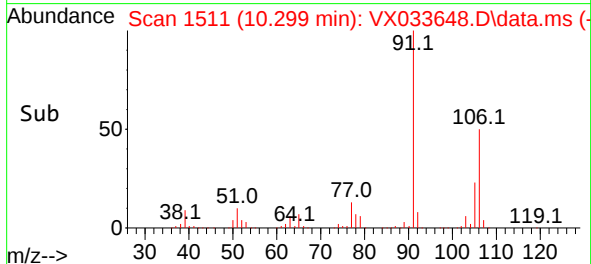
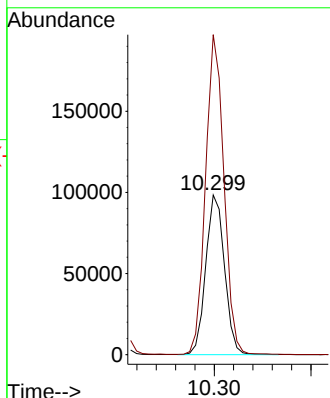
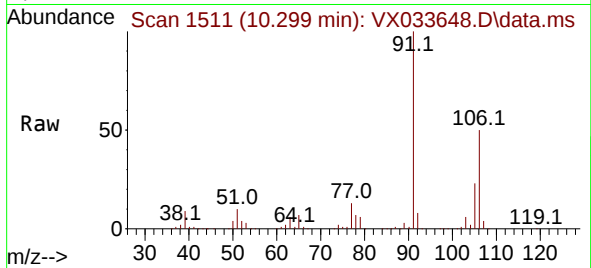
#67
m/p-Xylenes
Concen: 41.529 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 132424
Ion Ratio Lower Upper
106 100
91 196.6 157.3 235.9

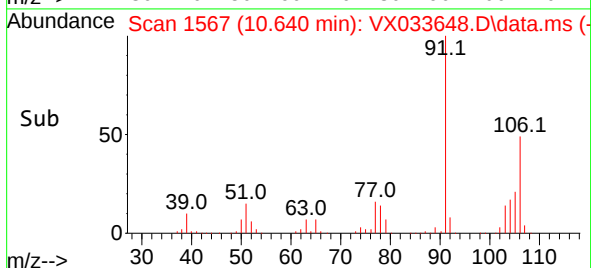
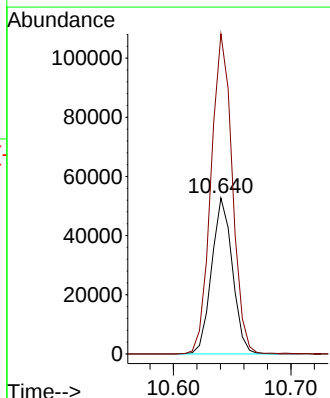
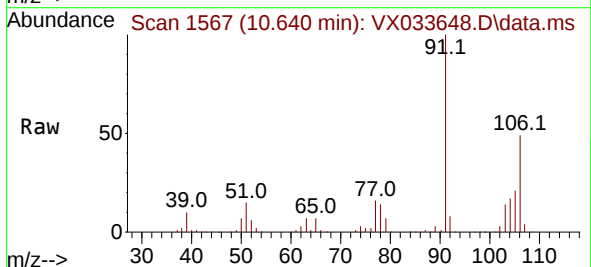
Manual Integrations
APPROVED

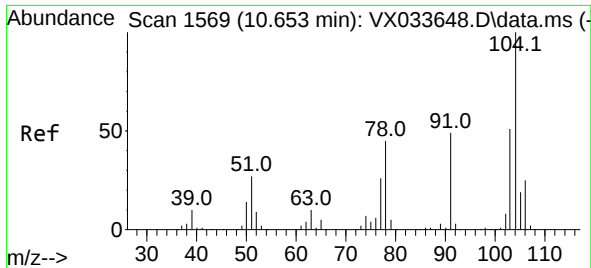
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#68
o-Xylene
Concen: 20.840 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

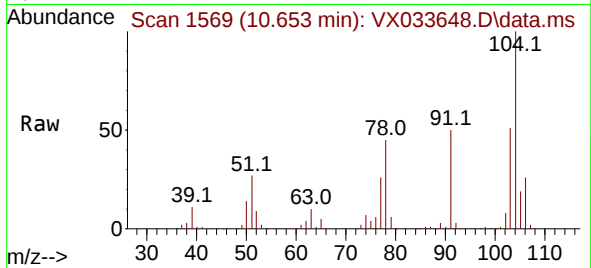
Tgt Ion:106 Resp: 64730
Ion Ratio Lower Upper
106 100
91 209.2 104.6 313.8





#69
Styrene
Concen: 20.737 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

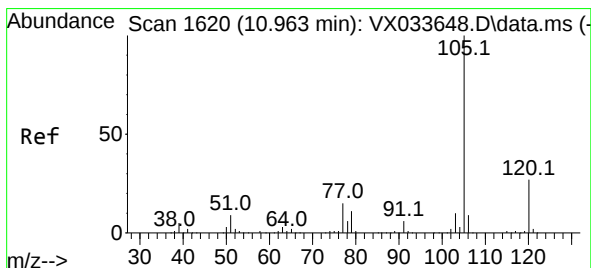
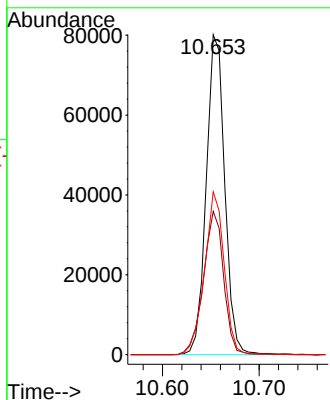
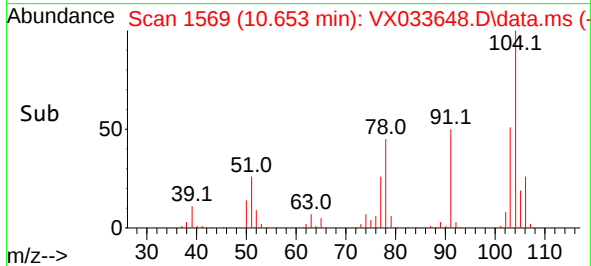
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



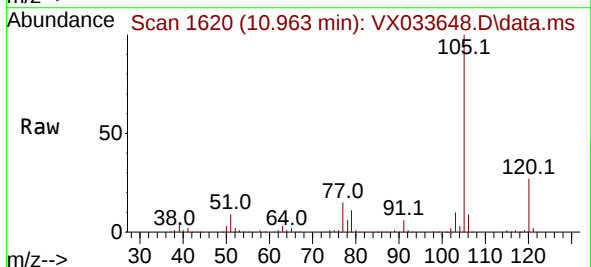
Tgt Ion:104 Resp: 106844
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.0 43.2 64.8

Manual Integrations
APPROVED

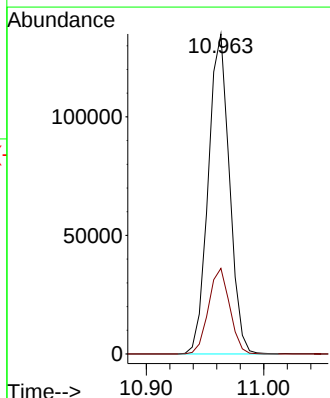
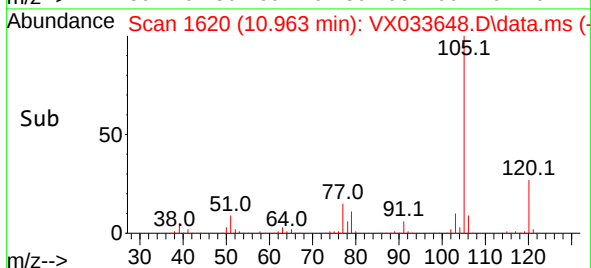
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

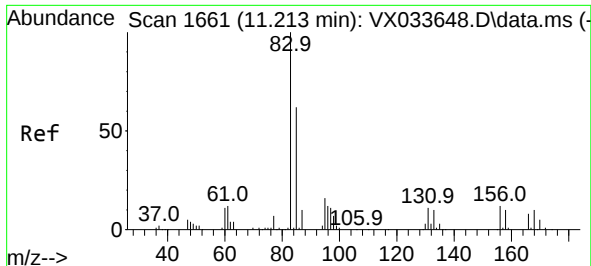


#70
Isopropylbenzene
Concen: 20.586 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



Tgt Ion:105 Resp: 168735
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





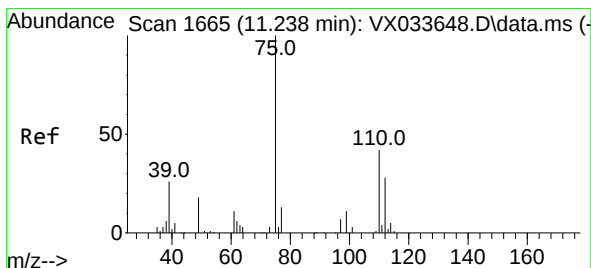
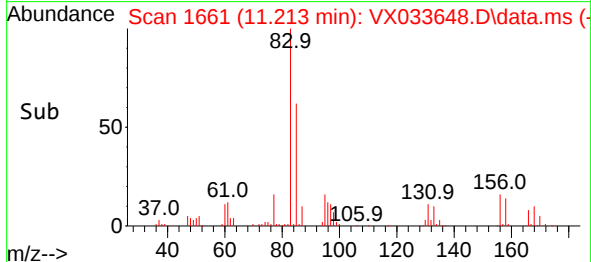
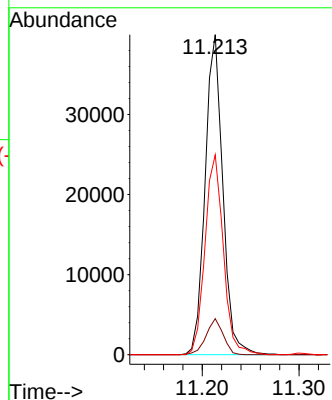
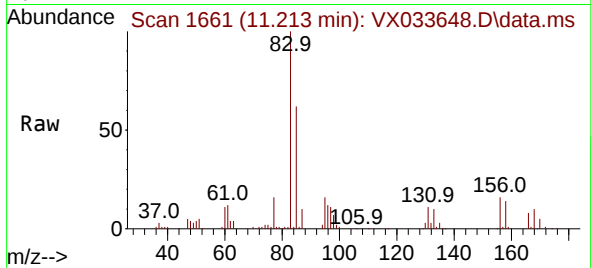
#71
1,1,2,2-Tetrachloroethane
Concen: 20.907 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5098
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.7 32.4 97.0

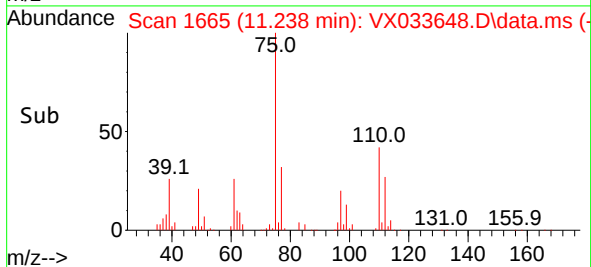
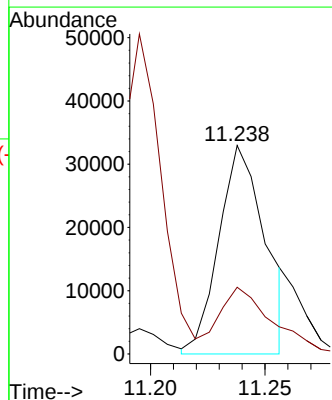
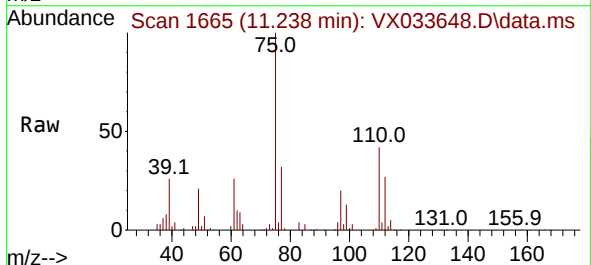
Manual Integrations
APPROVED

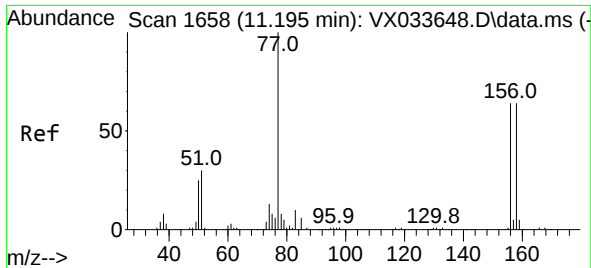
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#72
1,2,3-Trichloropropane
Concen: 21.385 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

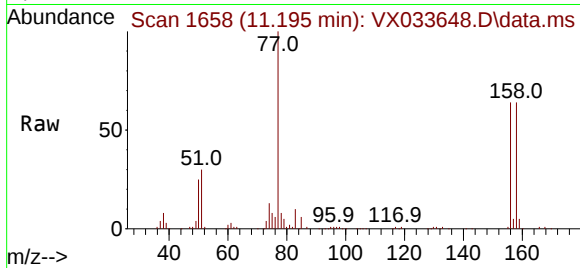
Tgt Ion: 75 Resp: 46272
Ion Ratio Lower Upper
75 100
77 37.3 0.0 74.6





#73
Bromobenzene
Concen: 21.296 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

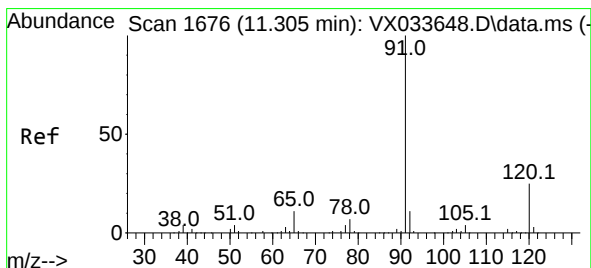
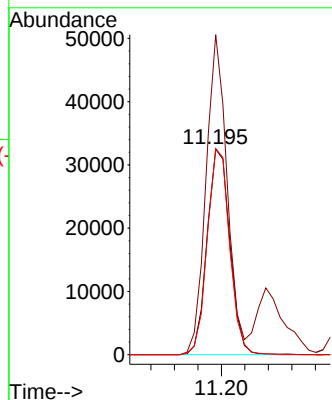
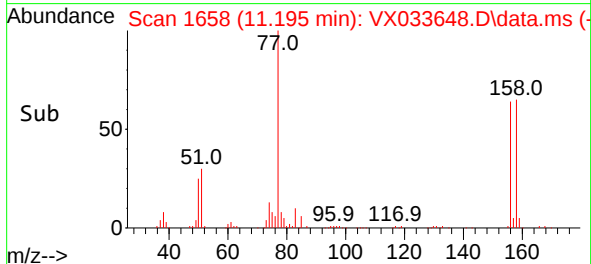
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



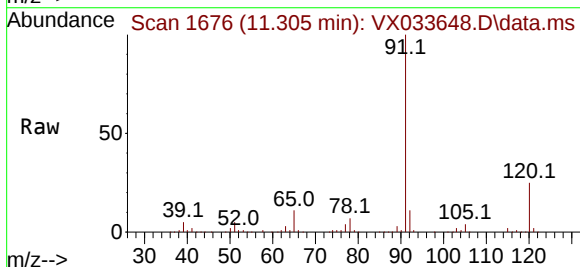
Tgt Ion:156 Resp: 43798
Ion Ratio Lower Upper
156 100
77 143.6 0.0 287.2
158 98.1 0.0 196.2

Manual Integrations
APPROVED

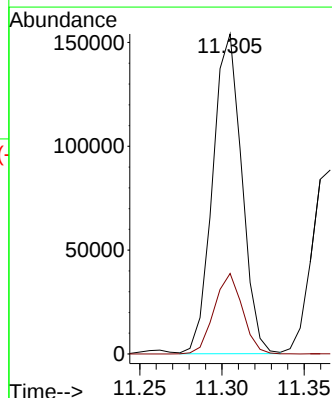
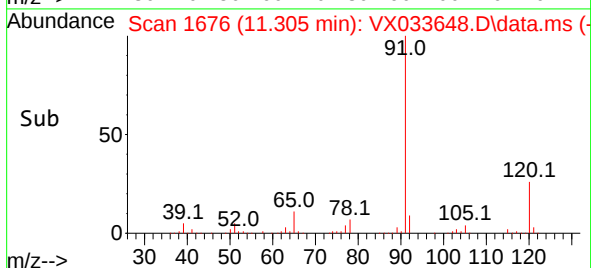
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

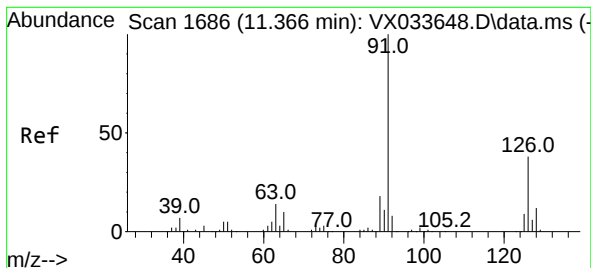


#74
n-propylbenzene
Concen: 20.250 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



Tgt Ion: 91 Resp: 189898
Ion Ratio Lower Upper
91 100
120 24.4 0.0 48.8





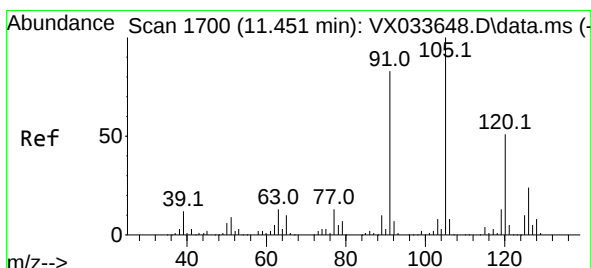
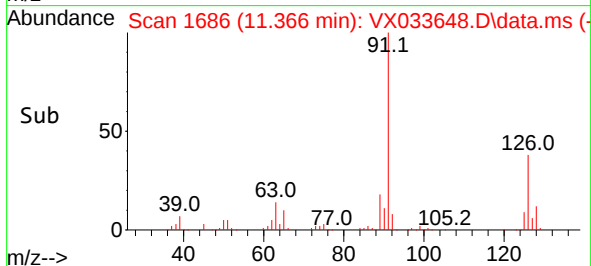
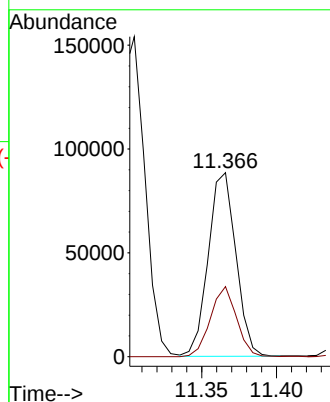
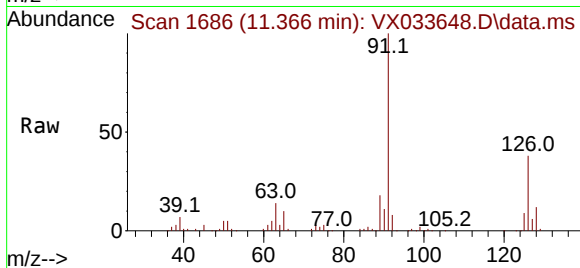
#75
2-Chlorotoluene
Concen: 20.175 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 11358
Ion Ratio Lower Upper
91 100
126 36.0 0.0 72.0

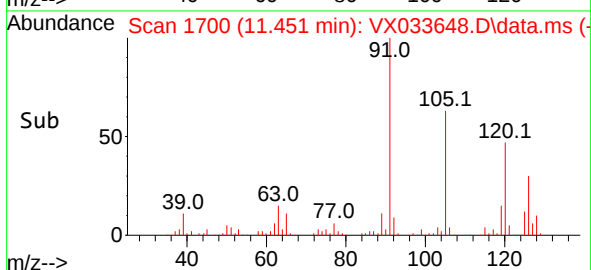
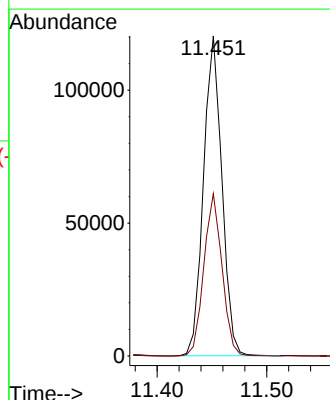
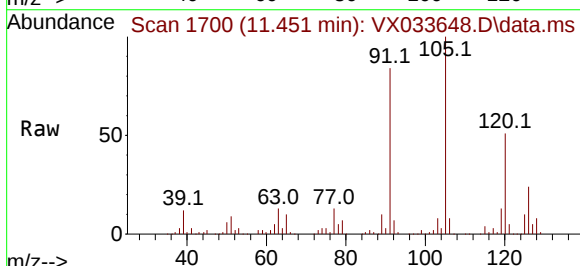
Manual Integrations
APPROVED

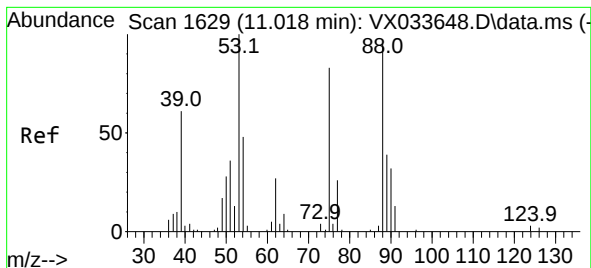
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.341 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

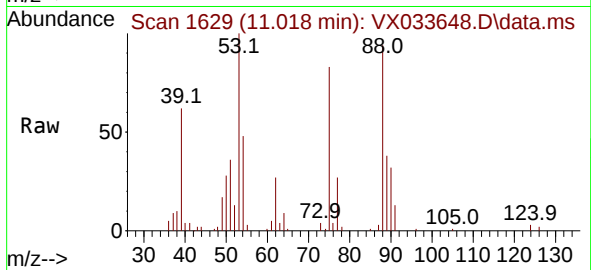
Tgt Ion:105 Resp: 139817
Ion Ratio Lower Upper
105 100
120 50.2 0.0 100.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.701 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

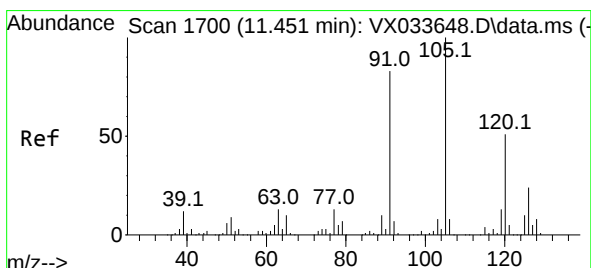
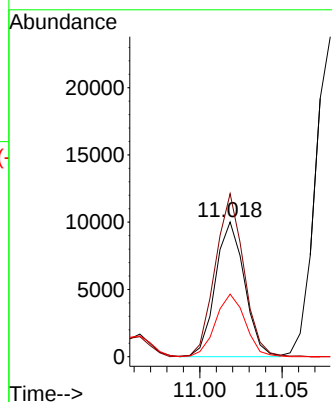
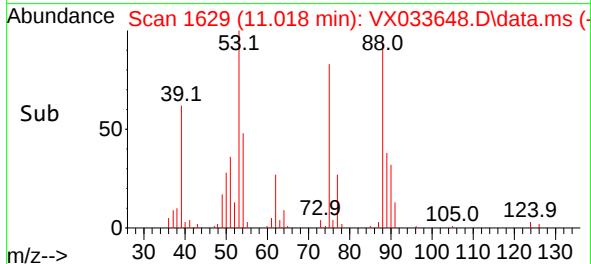
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 12348
Ion Ratio Lower Upper
75 100
53 120.4 60.2 180.6
89 46.4 23.2 69.6

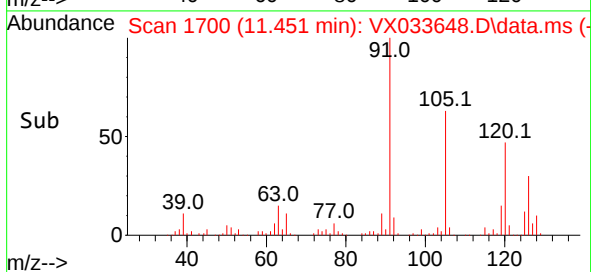
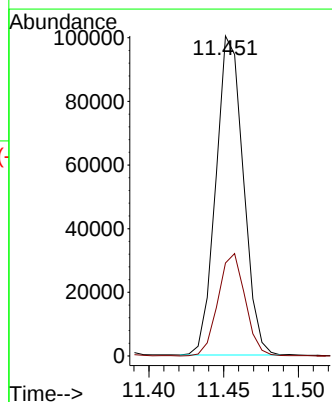
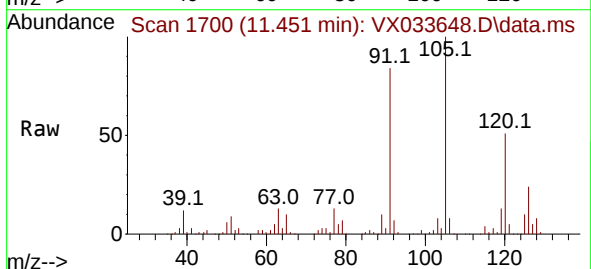
Manual Integrations
APPROVED

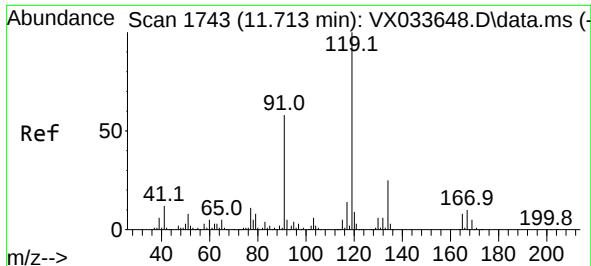
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#78
4-Chlorotoluene
Concen: 19.966 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

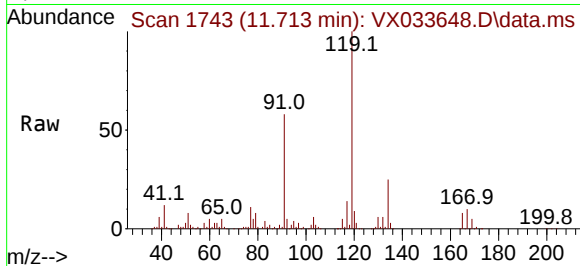
Tgt Ion: 91 Resp: 128017
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.6





#79
tert-butylbenzene
Concen: 20.883 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

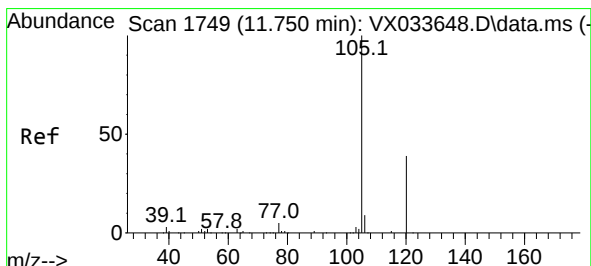
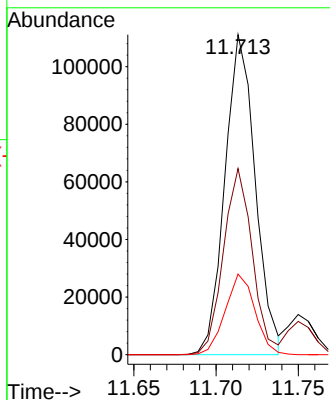
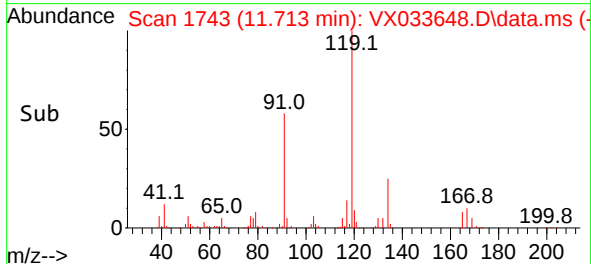
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



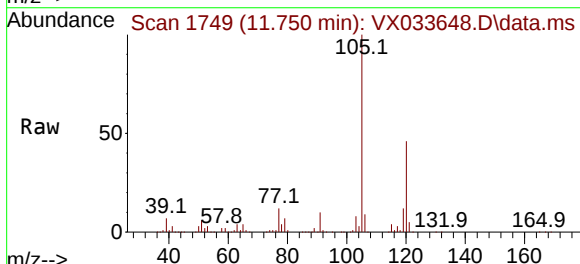
Tgt Ion:119 Resp: 143163
Ion Ratio Lower Upper
119 100
91 55.5 0.0 111.0
134 24.6 0.0 49.2

Manual Integrations
APPROVED

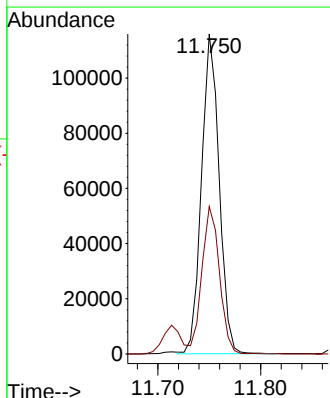
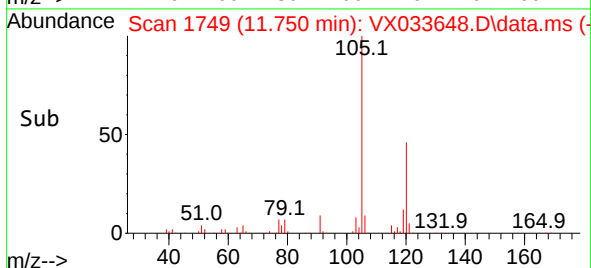
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

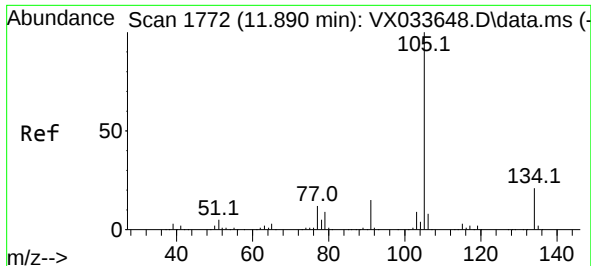


#80
1,2,4-Trimethylbenzene
Concen: 20.471 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



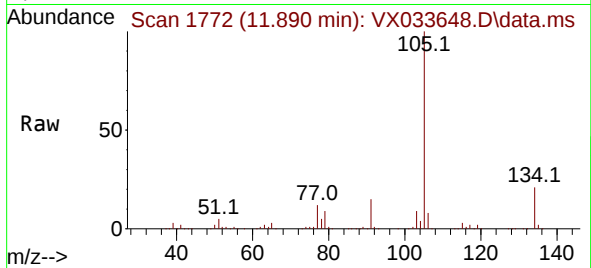
Tgt Ion:105 Resp: 138262
Ion Ratio Lower Upper
105 100
120 45.6 0.0 91.2





#81
 sec-Butylbenzene
 Concen: 20.808 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033648.D
 Acq: 06 Jan 2023 23:04

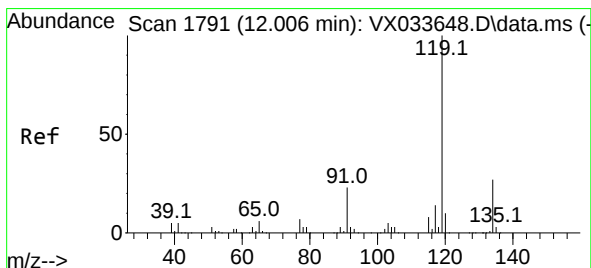
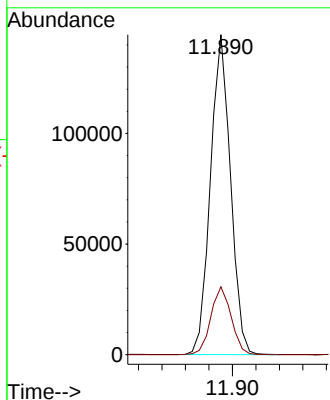
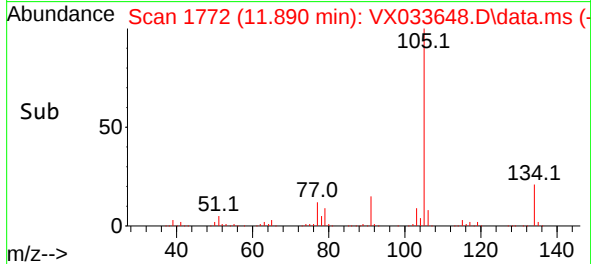
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



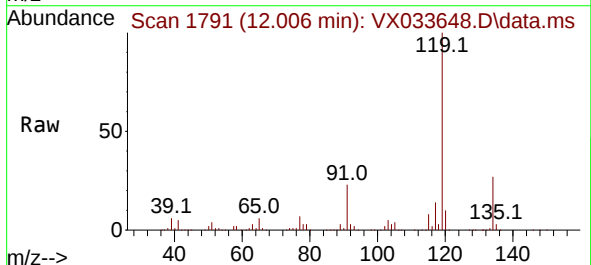
Tgt Ion:105 Resp: 171579
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2

Manual Integrations
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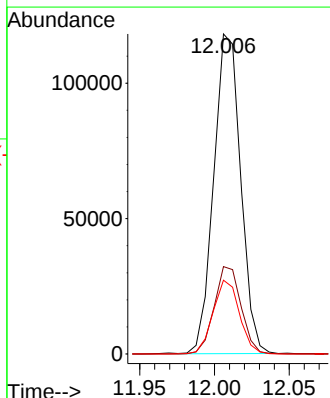
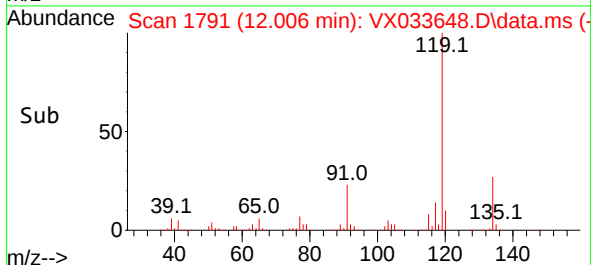
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

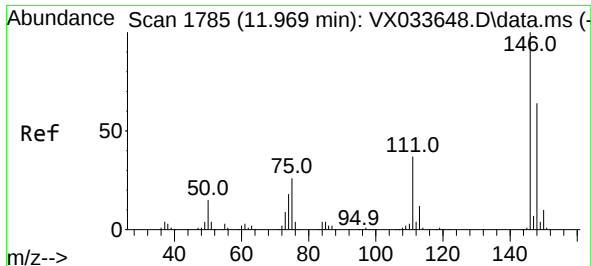


#82
 p-Isopropyltoluene
 Concen: 20.998 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033648.D
 Acq: 06 Jan 2023 23:04



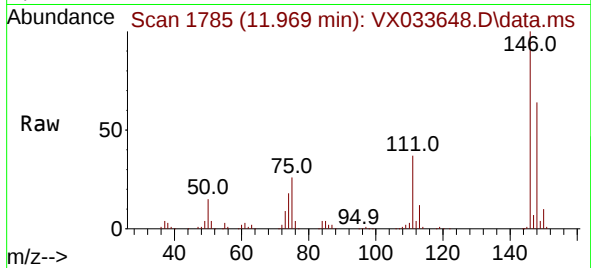
Tgt Ion:119 Resp: 148059
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 54.4
 91 22.6 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 21.067 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

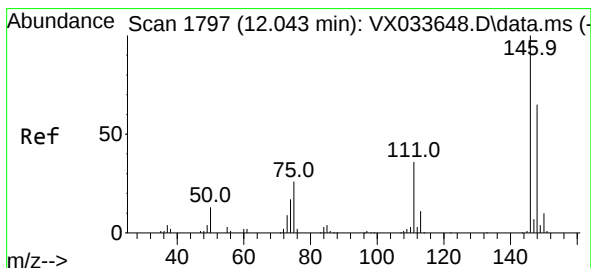
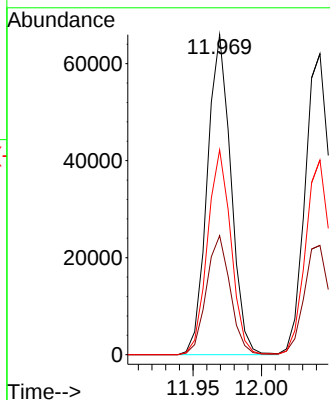
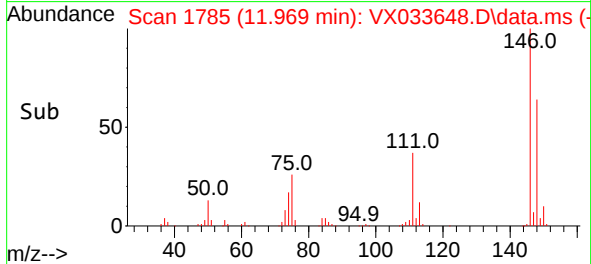
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



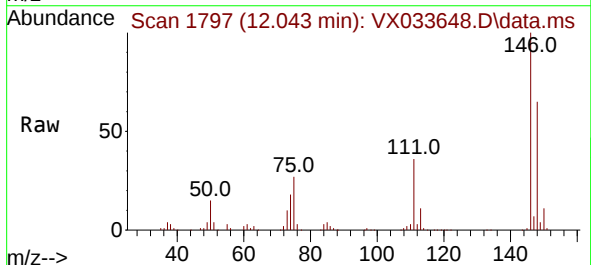
Tgt Ion:146 Resp: 79219
Ion Ratio Lower Upper
146 100
111 37.5 18.8 56.3
148 63.4 31.7 95.1

Manual Integrations
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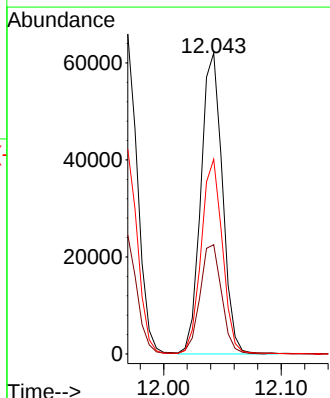
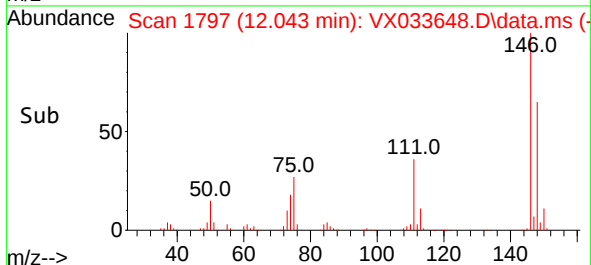
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

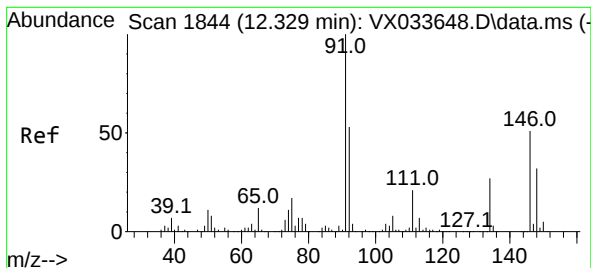


#84
1,4-Dichlorobenzene
Concen: 20.892 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04



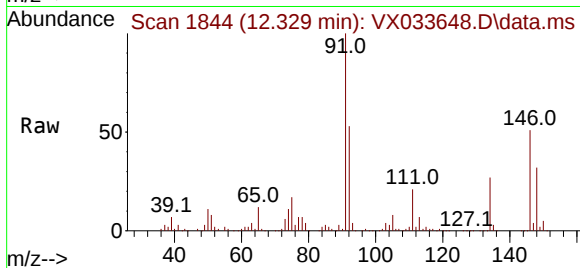
Tgt Ion:146 Resp: 79140
Ion Ratio Lower Upper
146 100
111 36.6 18.3 54.9
148 63.8 31.9 95.7





#85
n-Butylbenzene
Concen: 19.967 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

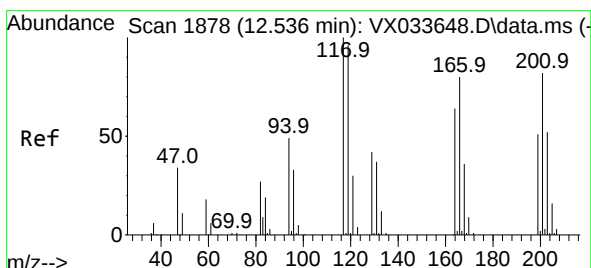
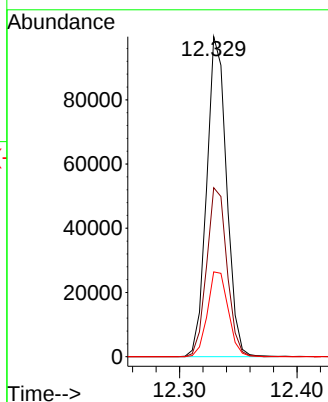
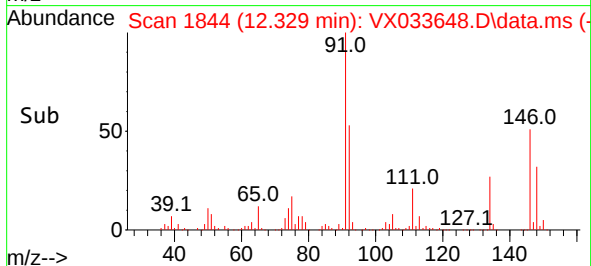
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 11712
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.2
134 27.7 0.0 55.4

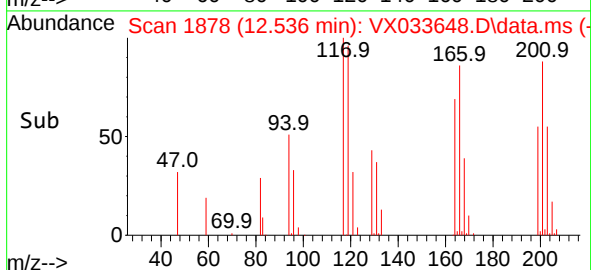
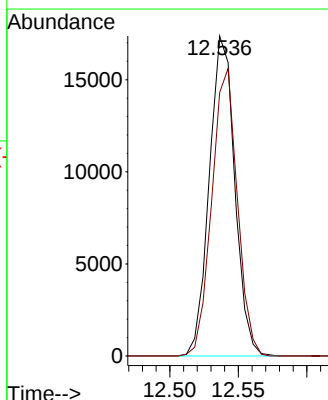
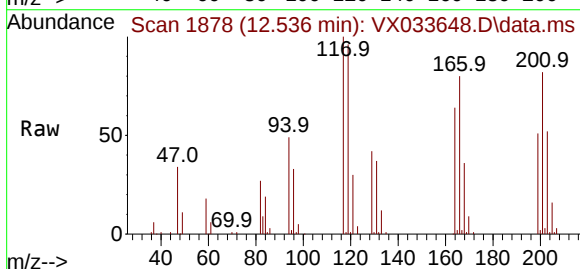
Manual Integrations
APPROVED

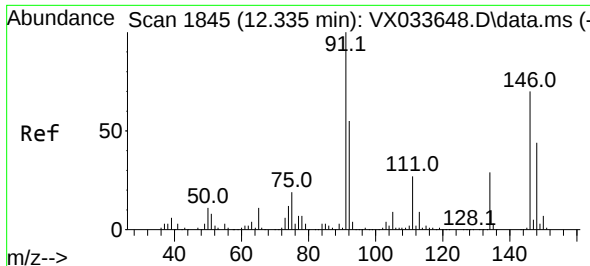
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#86
Hexachloroethane
Concen: 18.382 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

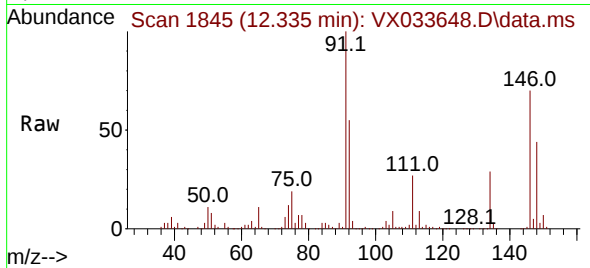
Tgt Ion:117 Resp: 22434
Ion Ratio Lower Upper
117 100
201 90.0 45.0 135.0





#87
1,2-Dichlorobenzene
Concen: 20.679 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

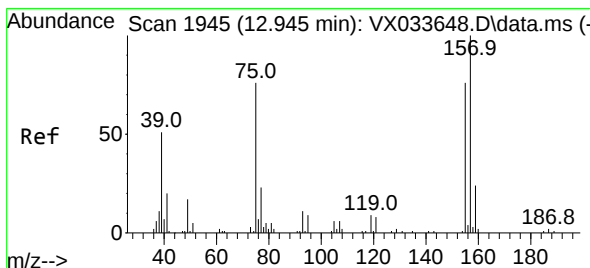
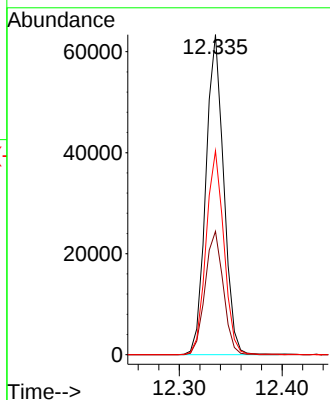
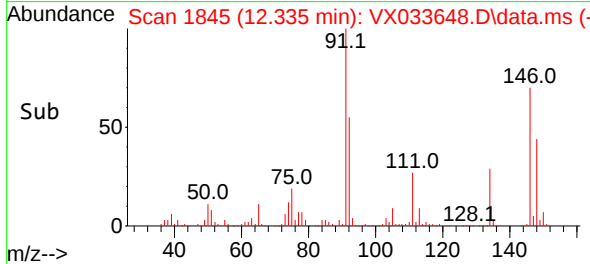
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 7620
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.9 31.9 95.9

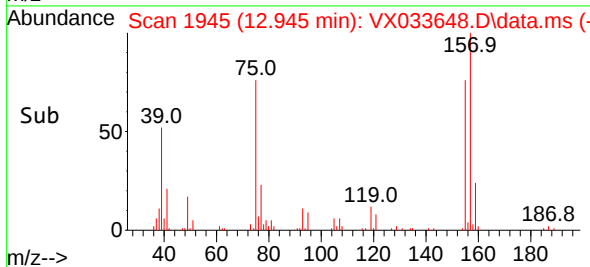
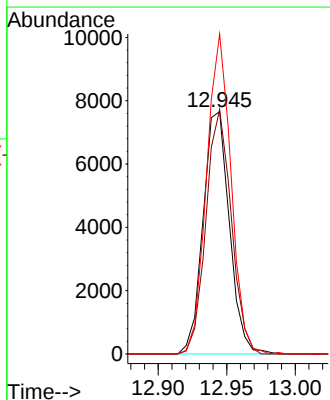
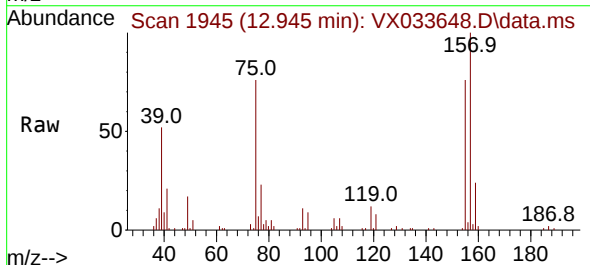
Manual Integrations
APPROVED

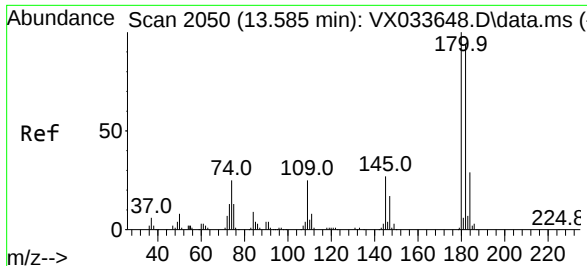
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.581 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion: 75 Resp: 10210
Ion Ratio Lower Upper
75 100
155 97.0 77.6 116.4
157 122.5 98.0 147.0





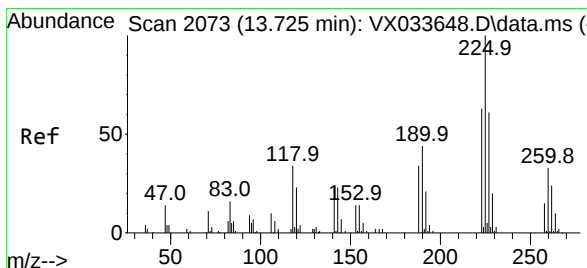
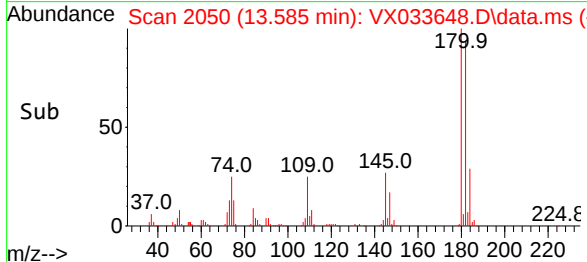
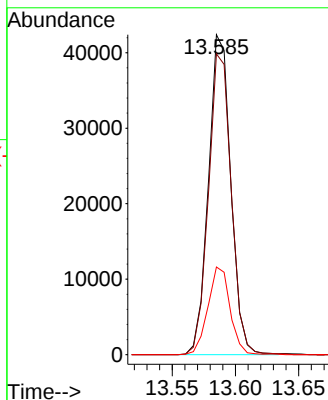
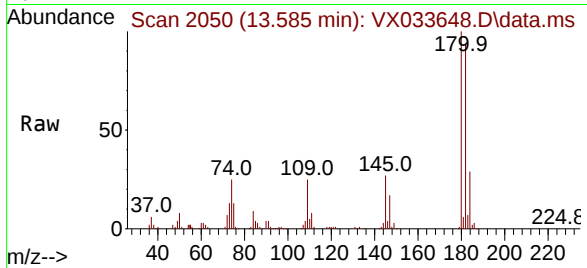
#89
1,2,4-Trichlorobenzene
Concen: 22.149 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 5205
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 27.2 21.8 32.6

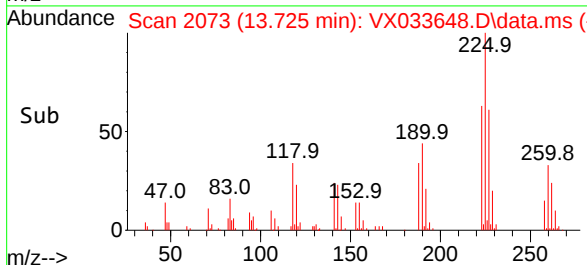
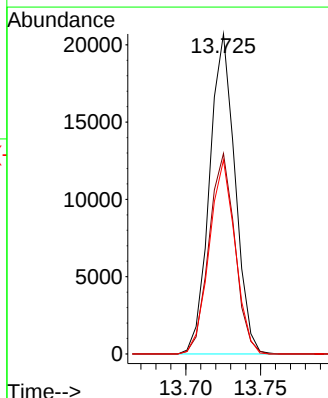
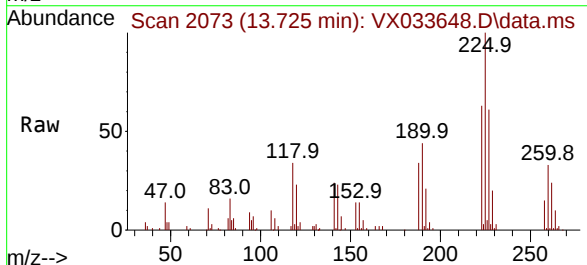
Manual Integrations
APPROVED

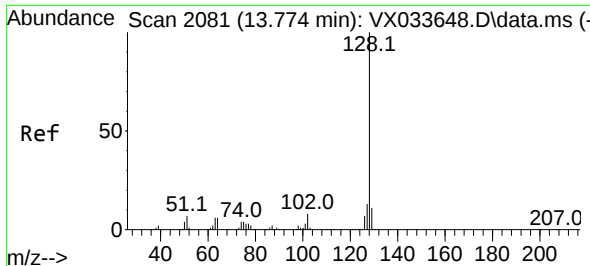
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#90
Hexachlorobutadiene
Concen: 24.159 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

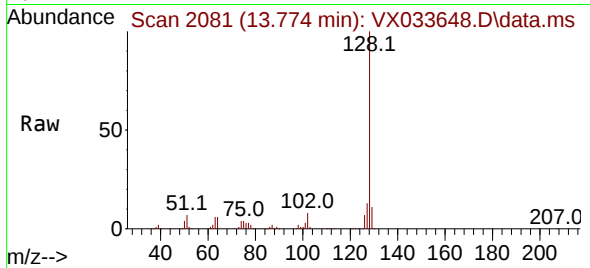
Tgt Ion:225 Resp: 24547
Ion Ratio Lower Upper
225 100
223 63.5 0.0 127.0
227 61.5 0.0 123.0





#91
Naphthalene
Concen: 21.037 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

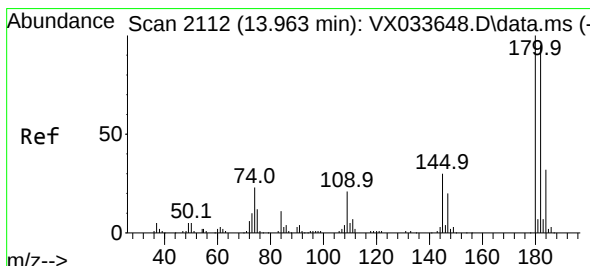
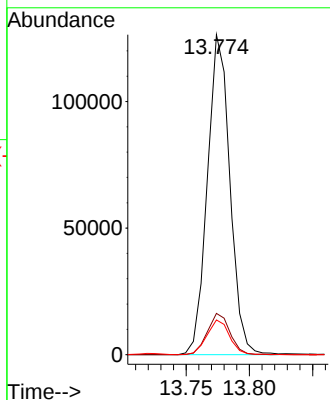
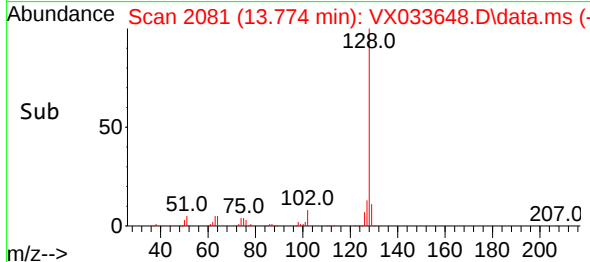
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 156802
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 22.138 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033648.D
Acq: 06 Jan 2023 23:04

Tgt Ion:180 Resp: 51919
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.2
145 30.2 0.0 60.4

