

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033369.D
 Acq On : 12 Dec 2022 12:55
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121222

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 07:30:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	13629	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	95398	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	105177	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35255	29.453	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.167%			
60) 4-Bromofluorobenzene	11.079	95	58443	30.002	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.000%			
63) Toluene-d8	8.647	98	105040	30.022	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	21668	21.769	ug/l	96
3) Chloromethane	1.294	50	22312	22.214	ug/l	91
4) Vinyl Chloride	1.374	62	25966	21.546	ug/l	99
5) Bromomethane	1.617	94	19574	22.211	ug/l	99
6) Chloroethane	1.691	64	18528	20.795	ug/l	96
7) Trichlorofluoromethane	1.892	101	51839	21.099	ug/l	99
8) Diethyl Ether	2.136	74	12008	15.650	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	28497	22.844	ug/l	98
10) 1,1-Dichloroethene	2.325	96	26760	22.784	ug/l	93
11) Methyl Iodide	2.453	142	27588	20.681	ug/l	97
12) Methyl Acetate	2.709	43	35519	21.445	ug/l	100
13) Acrolein	2.239	56	22861	87.247	ug/l	100
14) Acrylonitrile	3.068	53	64330	106.855	ug/l	97
15) Acetone	2.392	58	24153	116.716	ug/l	94
16) Carbon Disulfide	2.514	76	67894	21.457	ug/l	100
17) Allyl chloride	2.666	41	40962	21.247	ug/l	97
18) Methylene Chloride	2.794	84	29328	21.515	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	28709	20.982	ug/l	97
20) Diisopropyl ether	3.757	45	86052	21.211	ug/l	99
21) 1,1-Dichloroethane	3.611	63	50986	21.307	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	33689	21.211	ug/l	99
23) tert-Butyl Alcohol	3.001	59	29056m	113.100	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	89790	21.128	ug/l	98
25) Chloroform	5.092	83	57519	21.123	ug/l	99
26) Cyclohexane	5.470	56	44823	21.416	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	41502	21.525	ug/l	98
30) 2-Butanone	4.562	43	96653	107.237	ug/l	98
31) 2,2-Dichloropropane	4.477	77	42164	20.808	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	52517	21.100	ug/l	99
33) Carbon Tetrachloride	5.678	117	47927	21.058	ug/l	94
34) Benzene	6.037	78	117293	21.228	ug/l	99
35) Methacrylonitrile	4.922	41	19800	21.436	ug/l	95
36) 1,2-Dichloroethane	6.086	62	45021	21.198	ug/l	98
37) Trichloroethene	7.129	130	33935	21.629	ug/l	96
38) Methylcyclohexane	7.379	83	48443	21.322	ug/l	99
39) 1,2-Dichloropropane	7.433	63	29120	21.136	ug/l	95
40) Dibromomethane	7.580	93	22533	21.375	ug/l	99
41) Bromodichloromethane	7.824	83	45329	20.983	ug/l	99
42) Vinyl Acetate	3.721	43	333798	106.971	ug/l	100

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Instrument :
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 ClientSampleId :
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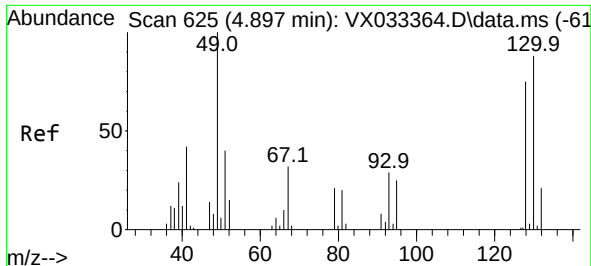
Manual Integrations
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Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 07:30:13 2022
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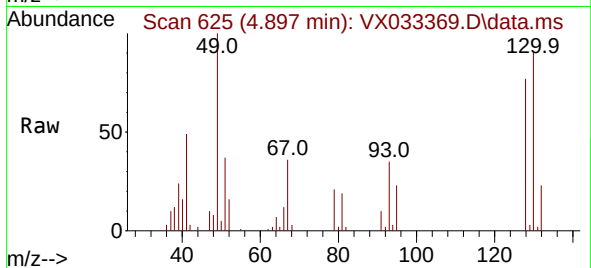
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	34323	21.180	ug/l	98
44) Isopropyl Acetate	6.336	43	57044	20.735	ug/l	100
45) 1,4-Dioxane	7.696	88	14793	459.092	ug/l #	95
46) Methyl methacrylate	7.690	41	29201	21.309	ug/l	99
47) n-amyl Acetate	10.841	43	49898	21.613	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	44317	20.452	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	48245	20.744	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	31285	21.460	ug/l	96
51) Ethyl methacrylate	9.116	69	44558	21.392	ug/l	98
52) 1,3-Dichloropropane	9.311	76	51562	21.660	ug/l	99
53) Dibromochloromethane	9.518	129	36050	20.577	ug/l	99
54) 1,2-Dibromoethane	9.610	107	33900	21.244	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	98361	100.576	ug/l	99
56) Bromoform	10.799	173	25775	20.382	ug/l	100
58) 4-Methyl-2-Pentanone	8.573	43	179674	105.641	ug/l	99
59) 2-Hexanone	9.433	43	142070	109.236	ug/l	100
61) Tetrachloroethene	9.275	164	29813	21.168	ug/l	98
62) Toluene	8.720	91	134645	21.090	ug/l	100
64) Chlorobenzene	10.079	112	85690	21.218	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	33181	20.805	ug/l	99
66) Ethyl Benzene	10.195	91	153753	21.373	ug/l	98
67) m/p-Xylenes	10.299	106	119813	42.609	ug/l	99
68) o-Xylene	10.640	106	58439	21.330	ug/l	100
69) Styrene	10.652	104	96224	21.141	ug/l	99
70) Isopropylbenzene	10.963	105	156504	21.527	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	46342	21.553	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	41824m	21.843	ug/l	
73) Bromobenzene	11.201	156	38752	21.543	ug/l	99
74) n-propylbenzene	11.305	91	179348	21.528	ug/l	99
75) 2-Chlorotoluene	11.366	91	107341	21.434	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	133665	21.869	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12486	19.612	ug/l	94
78) 4-Chlorotoluene	11.457	91	122974	21.429	ug/l	98
79) tert-butylbenzene	11.713	119	131309	21.672	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	133091	22.152	ug/l	99
81) sec-Butylbenzene	11.890	105	158018	21.700	ug/l	98
82) p-Isopropyltoluene	12.012	119	134483	21.655	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	72346	21.851	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	72520	21.761	ug/l	98
85) n-Butylbenzene	12.335	91	111657	21.540	ug/l	99
86) Hexachloroethane	12.536	117	21929	19.895	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	70871	21.724	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9803	20.926	ug/l	92
89) 1,2,4-Trichlorobenzene	13.585	180	43991	21.829	ug/l	97
90) Hexachlorobutadiene	13.725	225	19237	22.496	ug/l	98
91) Naphthalene	13.774	128	142923	21.913	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	43664	21.635	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

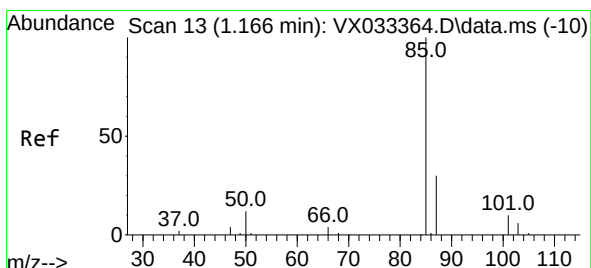
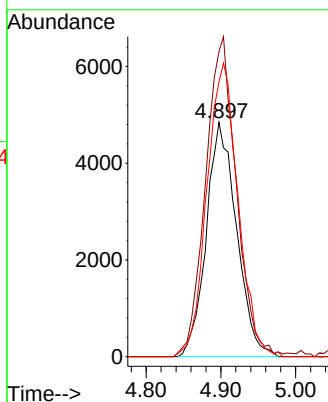
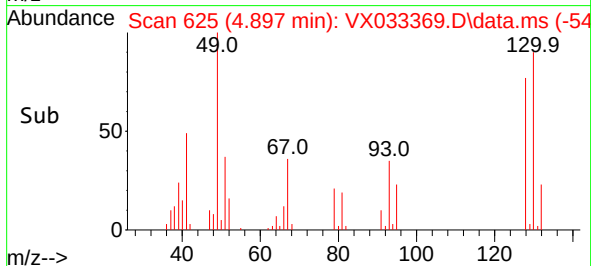
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



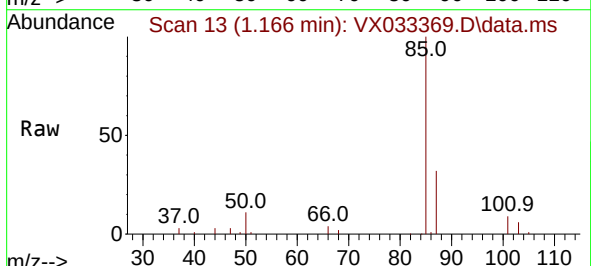
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Ion Ratio Lower Upper
128 100
49 138.4 0.0 339.5
130 129.0 0.0 318.0

Manual Integrations
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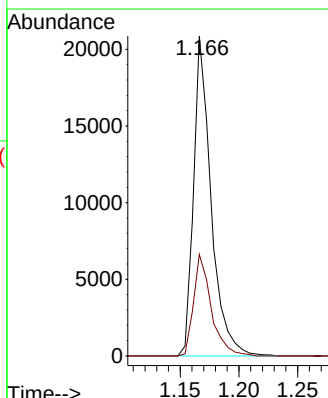
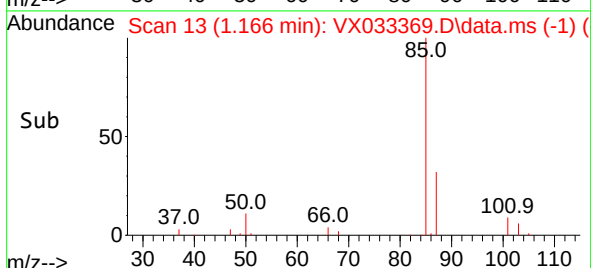
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

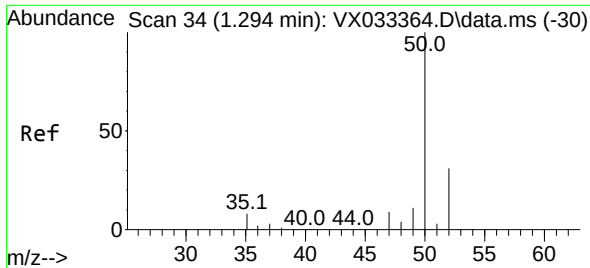


#2
Dichlorodifluoromethane
Concen: 21.769 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



Tgt Ion: 85 Resp: 21668
Ion Ratio Lower Upper
85 100
87 31.7 14.9 44.7





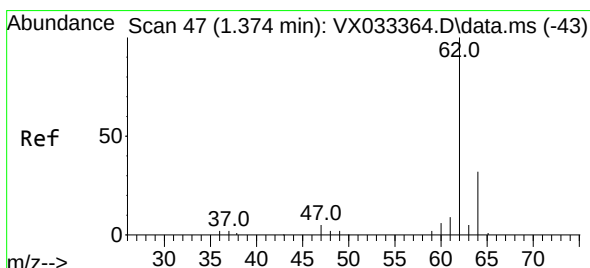
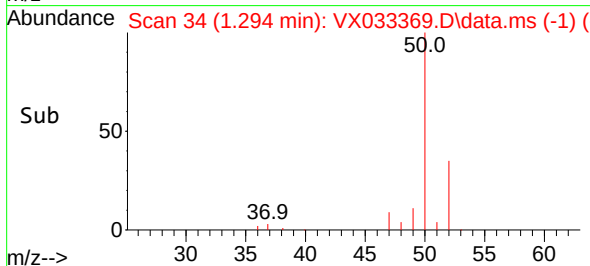
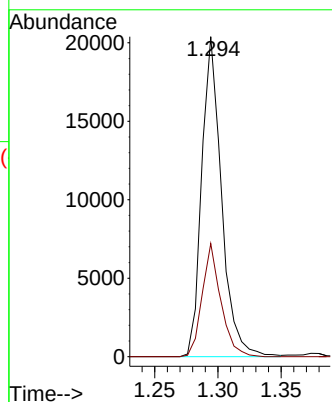
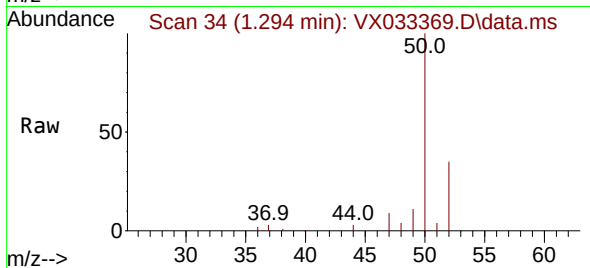
#3
Chloromethane
Concen: 22.214 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 50 Resp: 22312
Ion Ratio Lower Upper
50 100
52 35.4 24.6 36.8

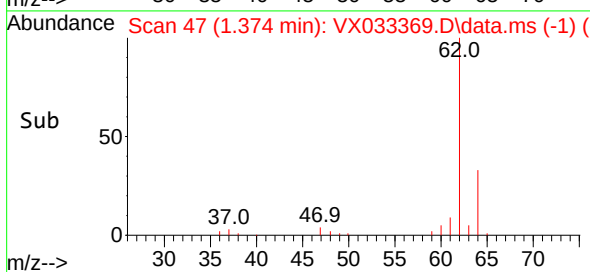
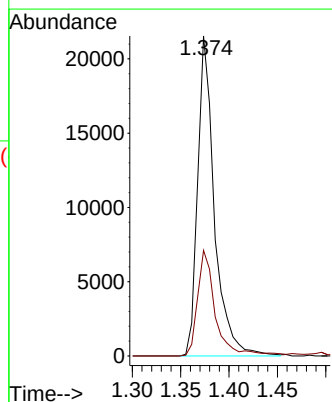
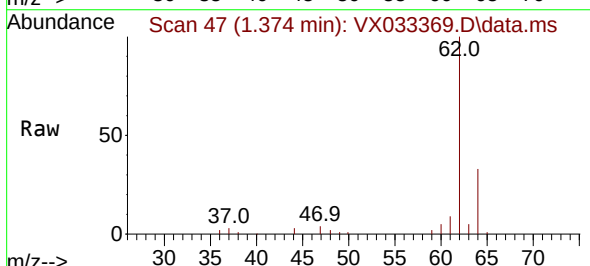
Manual Integrations
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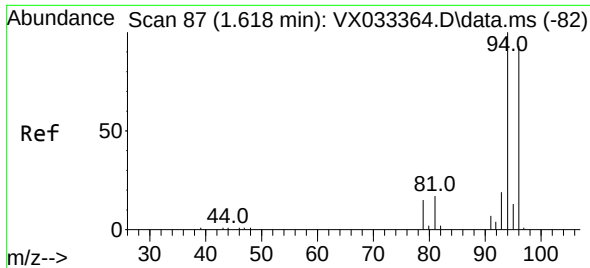
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 21.546 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

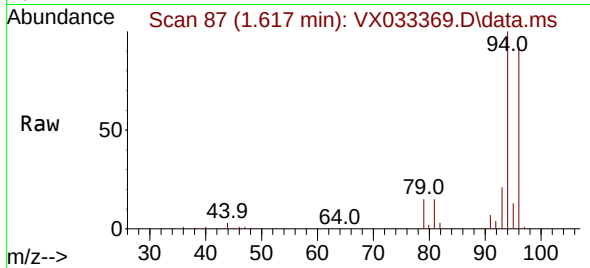
Tgt Ion: 62 Resp: 25966
Ion Ratio Lower Upper
62 100
64 33.0 25.9 38.9





#5
Bromomethane
Concen: 22.211 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

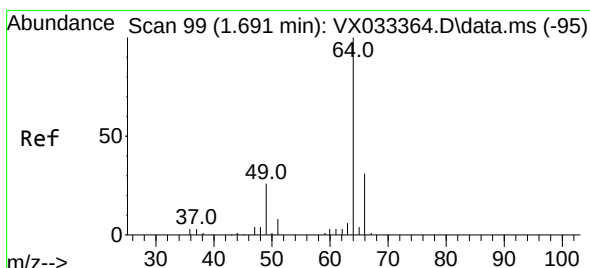
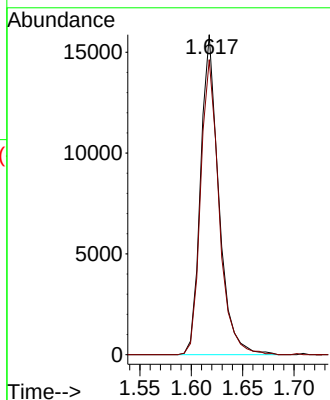
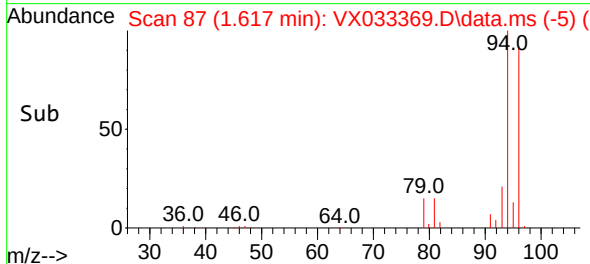
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222



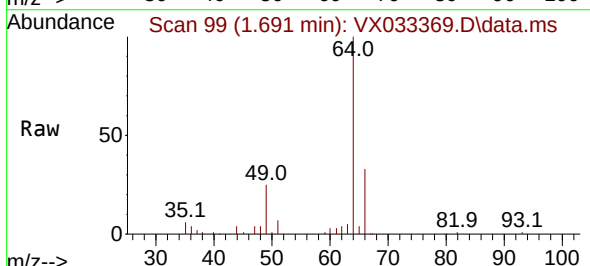
Tgt Ion: 94 Resp: 19574
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2

Manual Integrations
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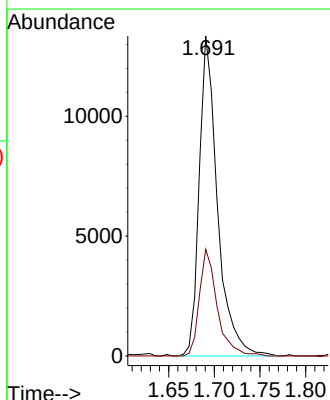
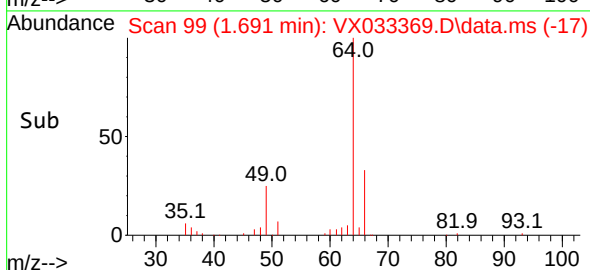
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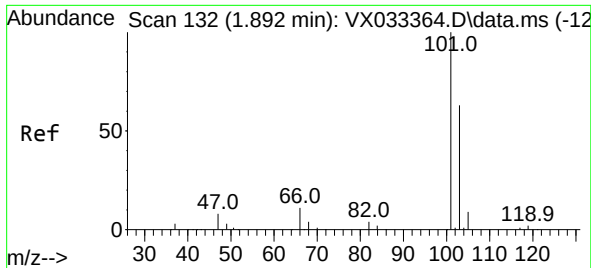


#6
Chloroethane
Concen: 20.795 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



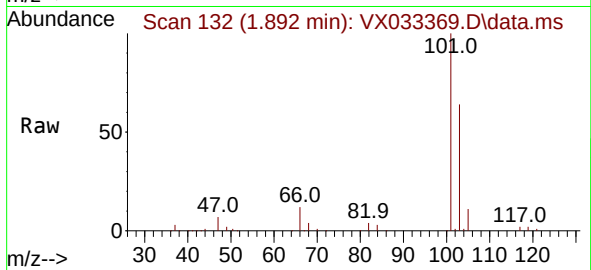
Tgt Ion: 64 Resp: 18528
Ion Ratio Lower Upper
64 100
66 33.3 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 21.099 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033369.D
 Acq: 12 Dec 2022 12:55

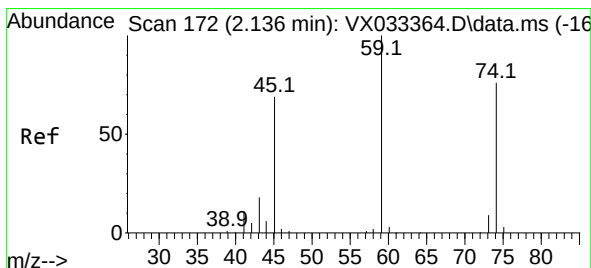
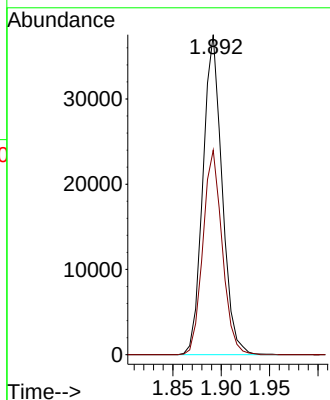
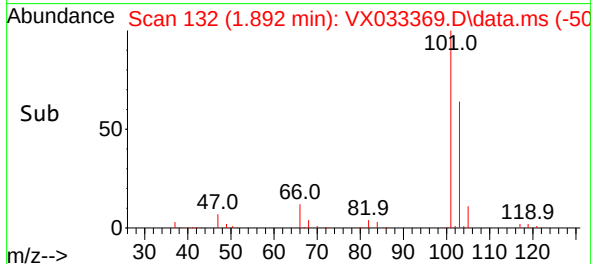
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Tgt Ion:101 Resp: 51839
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.3 75.5

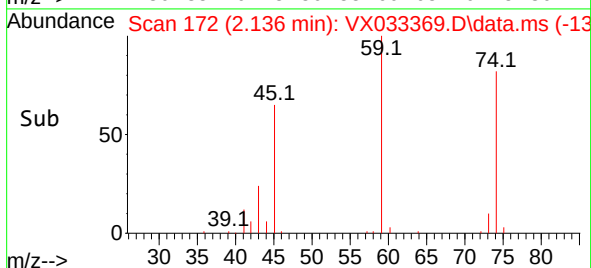
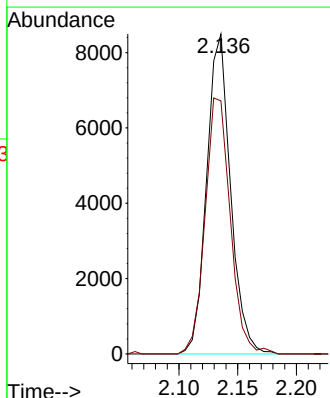
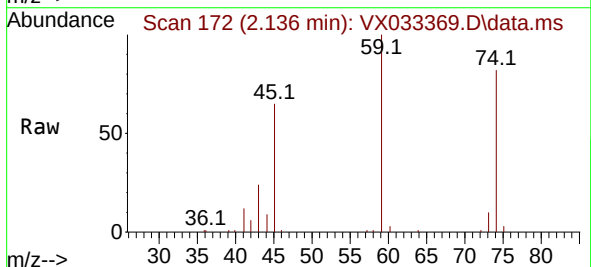
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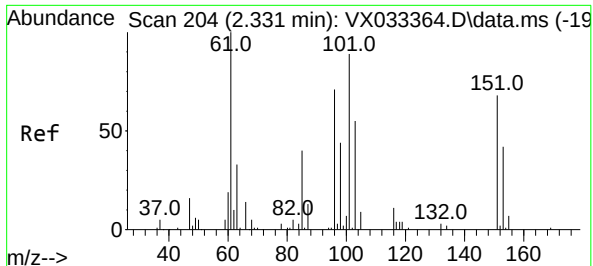
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#8
 Diethyl Ether
 Concen: 15.650 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX033369.D
 Acq: 12 Dec 2022 12:55

Tgt Ion: 74 Resp: 12008
 Ion Ratio Lower Upper
 74 100
 45 83.8 18.0 161.8





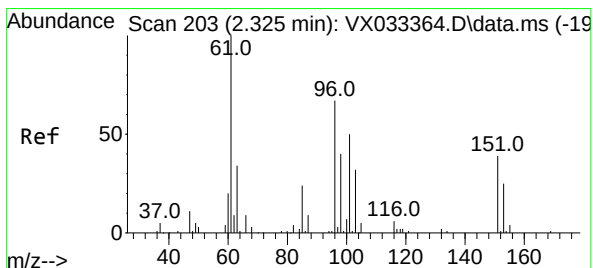
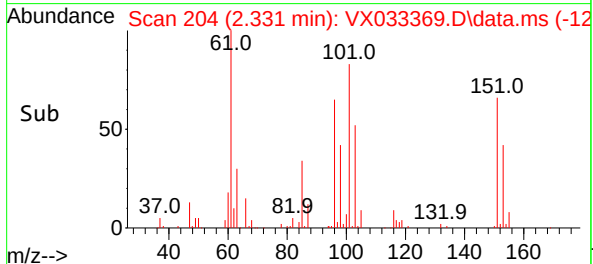
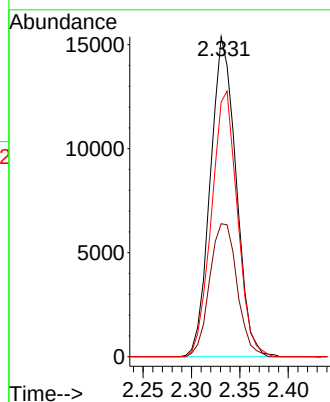
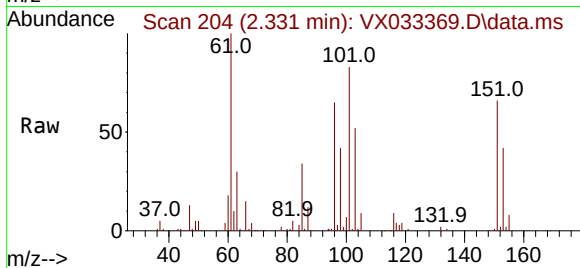
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.844 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
Client Sample Id :
ICVX121222

Tgt Ion: 101 Resp: 2849
Ion Ratio Lower Upper
101 100
85 44.3 0.0 88.8
151 83.3 0.0 162.2

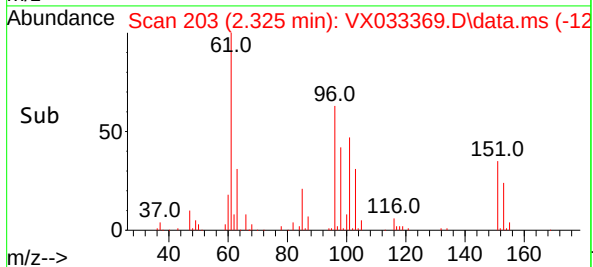
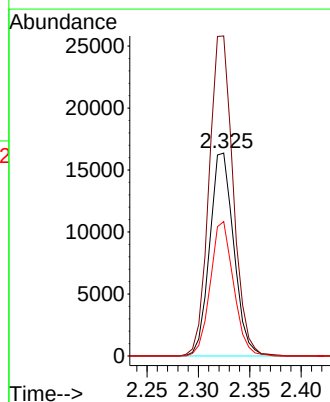
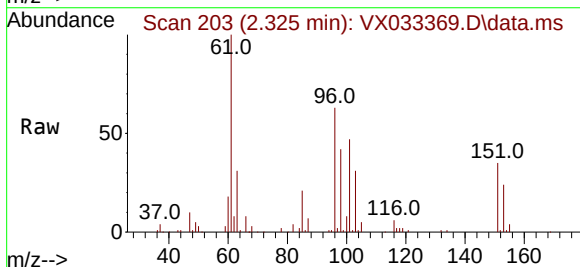
Manual Integrations
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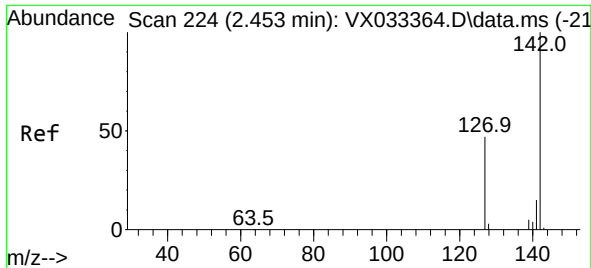
Reviewed By : John Carlone 12/13/2022
Supervised By : Mahesh Dadoda 12/13/2022



#10
1,1-Dichloroethene
Concen: 22.784 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

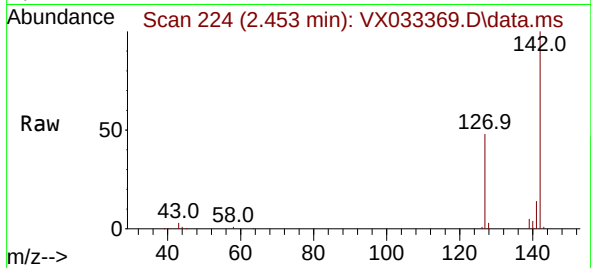
Tgt Ion: 96 Resp: 26760
Ion Ratio Lower Upper
96 100
61 157.8 120.5 180.7
98 66.3 47.8 71.6





#11
Methyl Iodide
Concen: 20.681 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

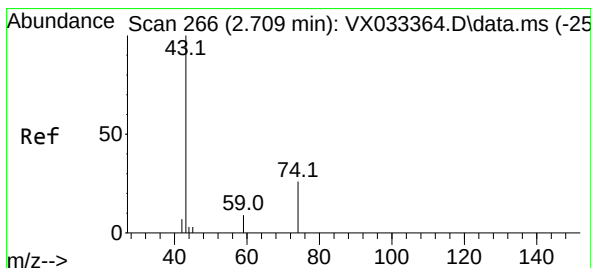
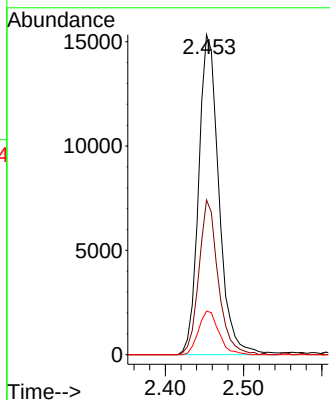
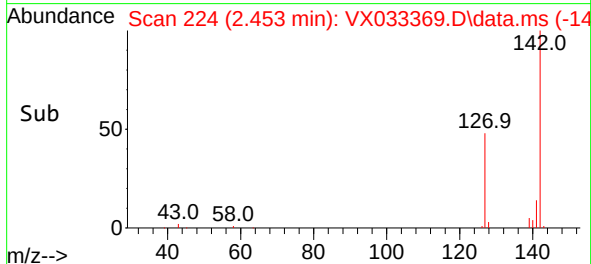
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion:142 Resp: 27588
Ion Ratio Lower Upper
142 100
127 48.5 23.4 70.3
141 13.6 7.8 23.3

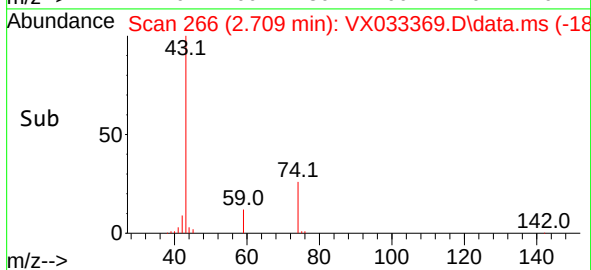
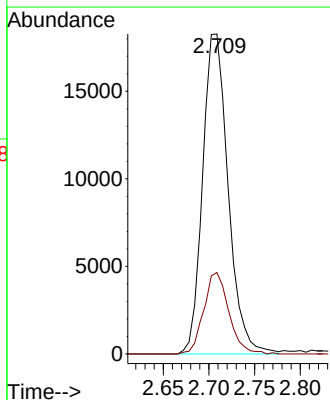
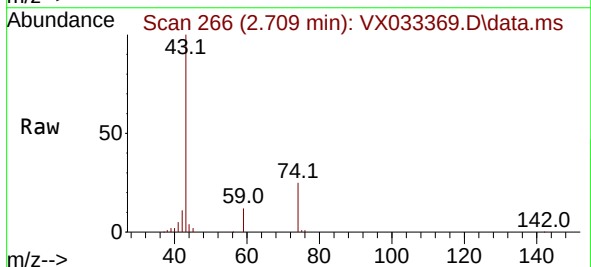
Manual Integrations
APPROVED

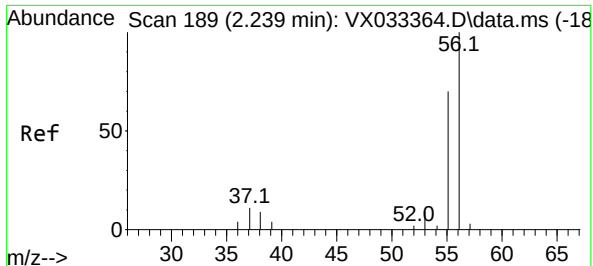
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
Methyl Acetate
Concen: 21.445 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

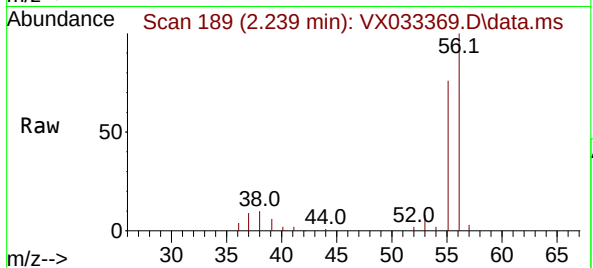
Tgt Ion: 43 Resp: 35519
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0





#13
Acrolein
Concen: 87.247 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

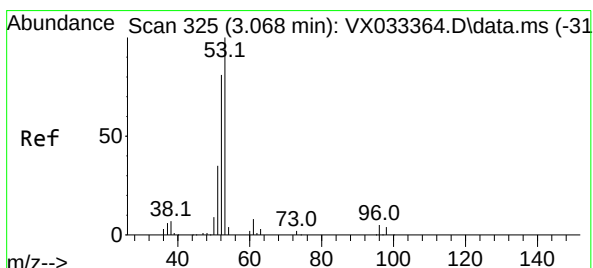
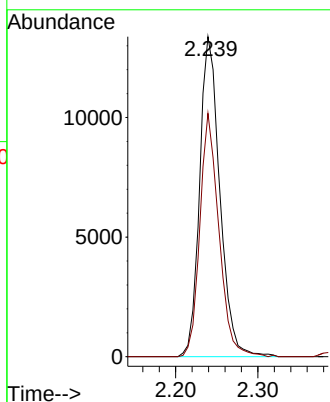
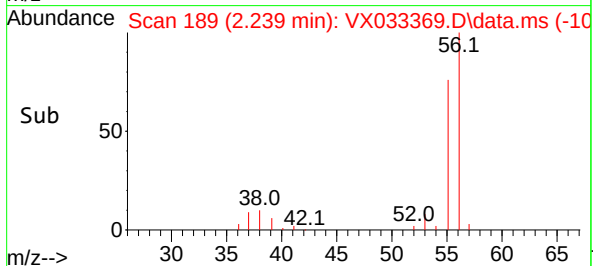
Instrument : MSVOA_X
ClientSampleId : ICVVX121222



Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
55 71.6 57.2 85.8

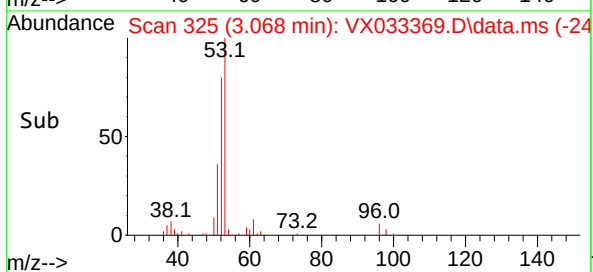
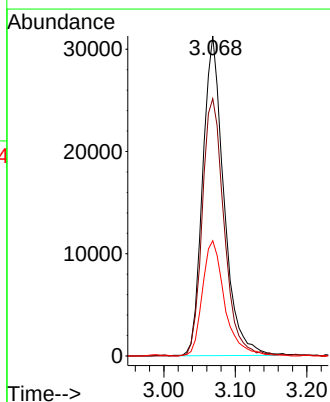
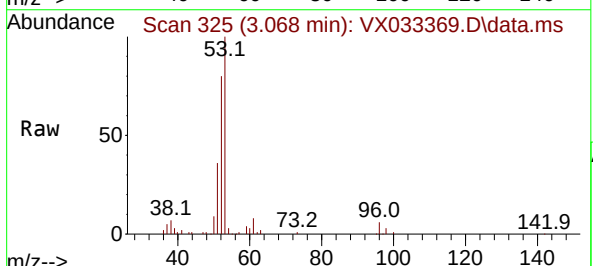
Manual Integrations
APPROVED

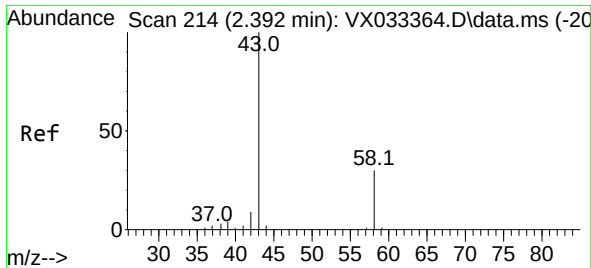
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Acrylonitrile
Concen: 106.855 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

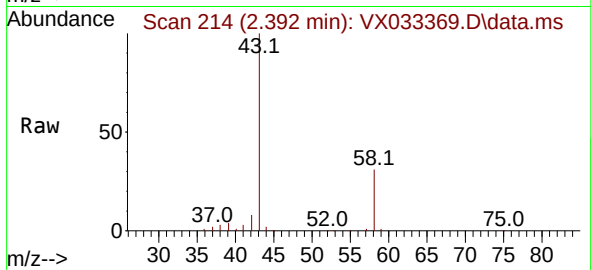
Tgt Ion: 53 Resp: 64330
Ion Ratio Lower Upper
53 100
52 83.0 40.3 120.8
51 38.0 18.4 55.4





#15
Acetone
Concen: 116.716 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

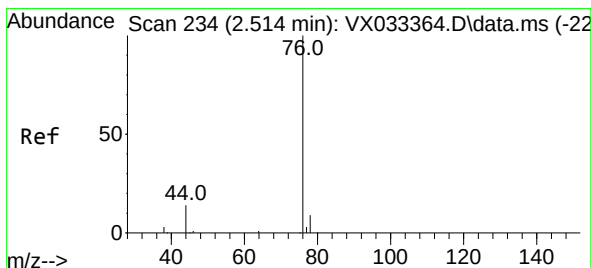
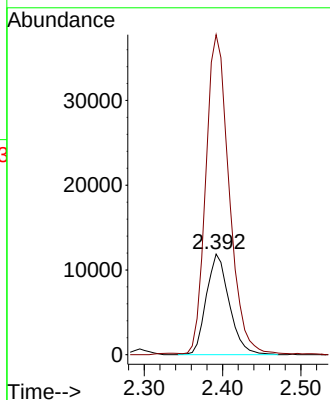
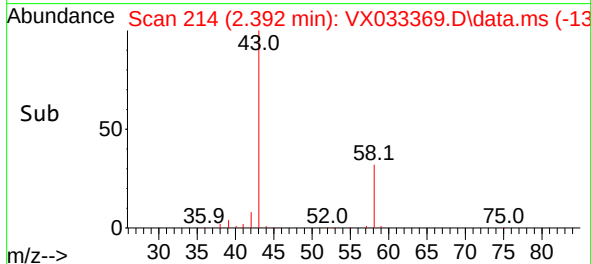
Instrument : MSVOA_X
ClientSampleId : ICVVX121222



Tgt Ion: 58 Resp: 2415
Ion Ratio Lower Upper
58 100
43 316.6 262.9 394.3

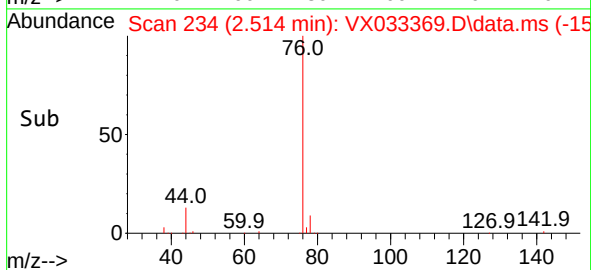
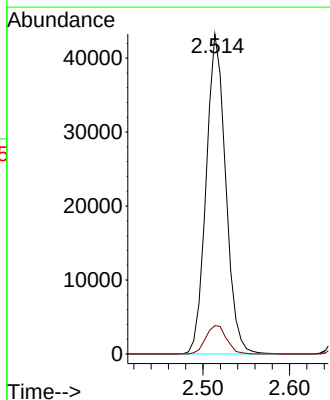
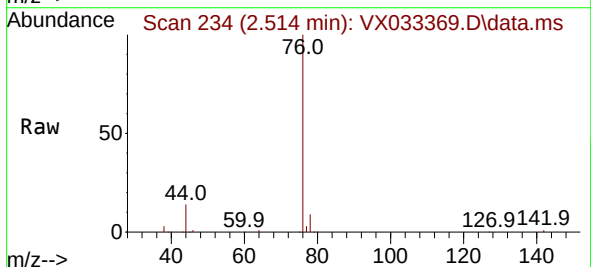
Manual Integrations
APPROVED

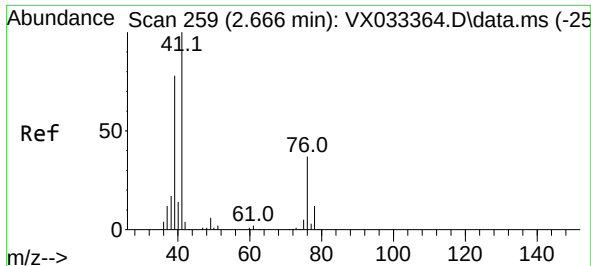
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Carbon Disulfide
Concen: 21.457 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 76 Resp: 67894
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





#17

Allyl chloride

Concen: 21.247 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033369.D

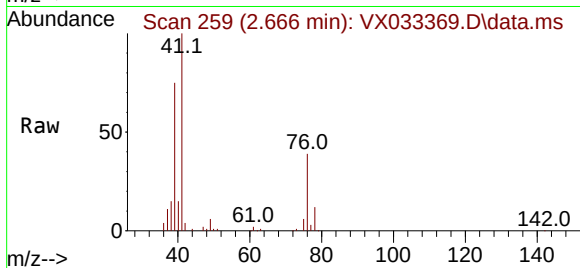
Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

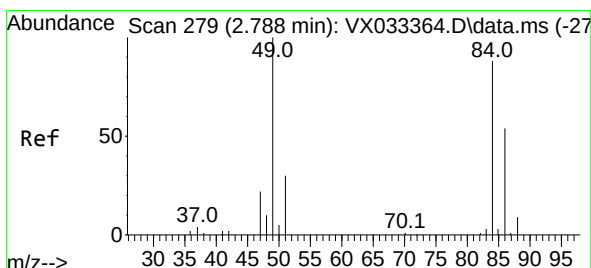
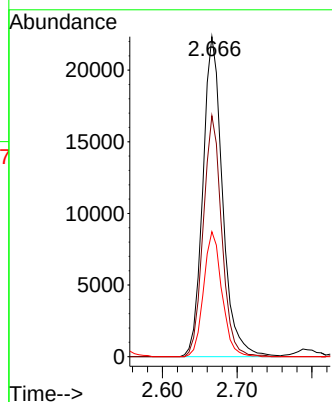
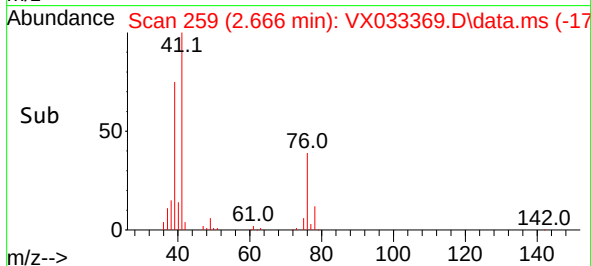
ICVVX121222



Tgt Ion:	41	Resp:	4096
Ion Ratio	Lower	Upper	
41	100		
39	75.3	39.1	117.2
76	39.0	18.6	55.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18

Methylene Chloride

Concen: 21.515 ug/l

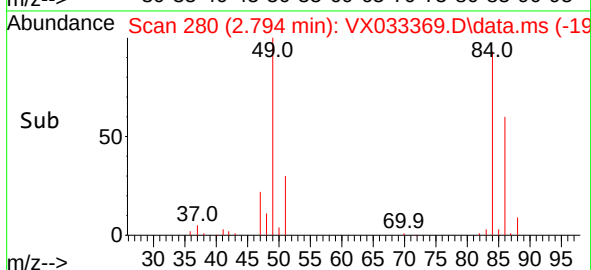
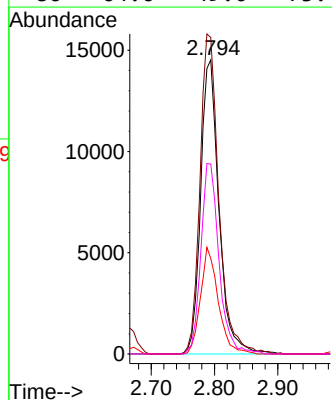
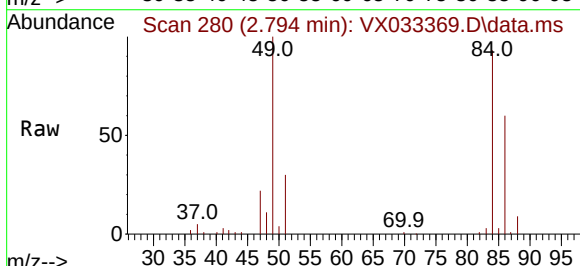
RT: 2.794 min Scan# 280

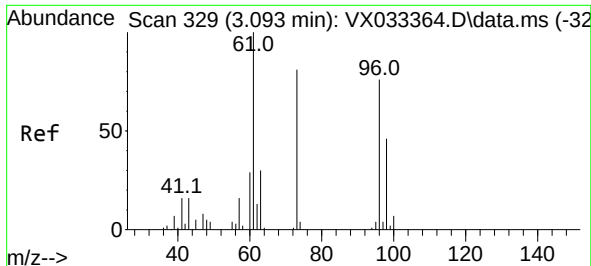
Delta R.T. 0.006 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

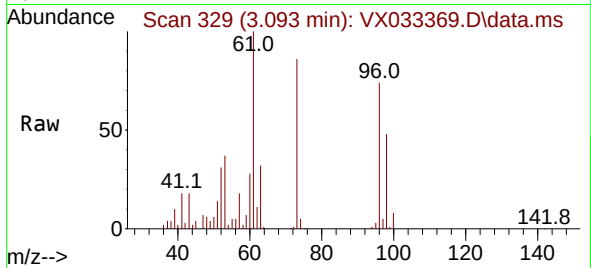
Tgt Ion:	84	Resp:	29328
Ion Ratio	Lower	Upper	
84	100		
49	107.6	91.2	136.8
51	32.5	27.3	40.9
86	64.6	49.0	73.4





#19
trans-1,2-Dichloroethene
Concen: 20.982 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

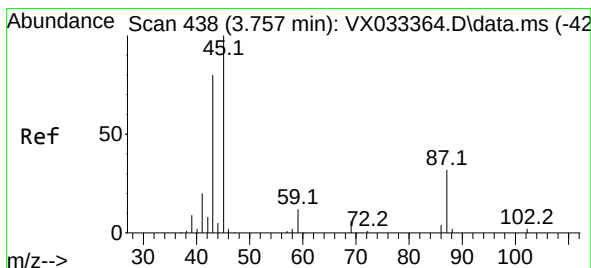
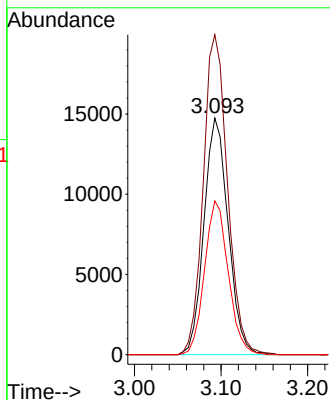
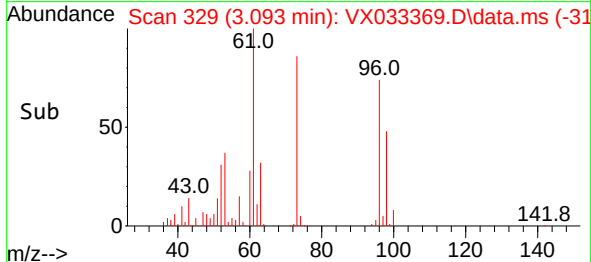
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion: 96 Resp: 28709
Ion Ratio Lower Upper
96 100
61 135.2 105.8 158.8
98 65.0 49.1 73.7

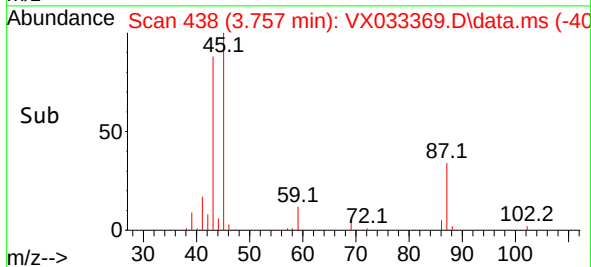
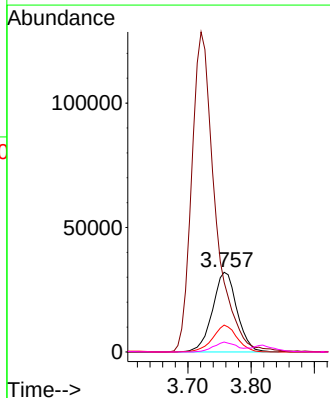
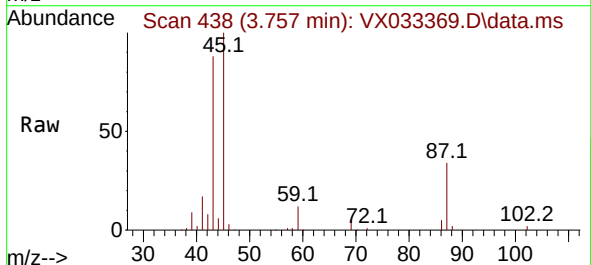
Manual Integrations
APPROVED

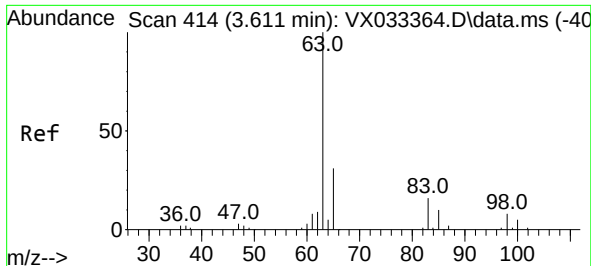
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Diisopropyl ether
Concen: 21.211 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 45 Resp: 86052
Ion Ratio Lower Upper
45 100
43 85.4 68.2 102.2
87 33.8 25.5 38.3
59 12.5 9.8 14.6





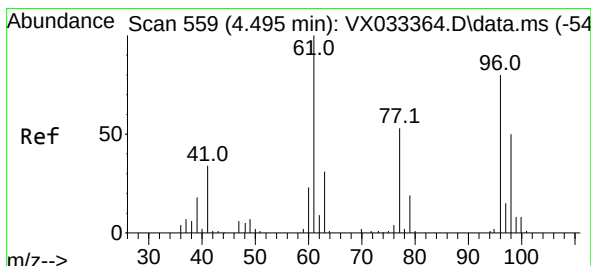
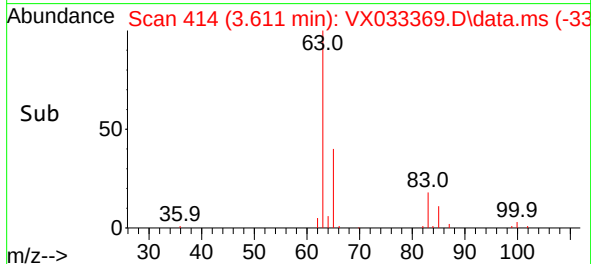
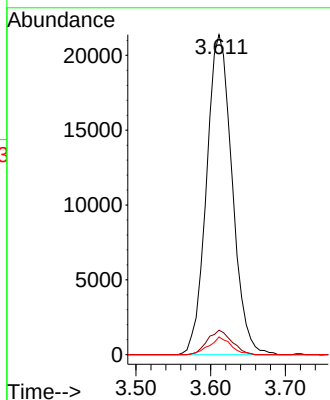
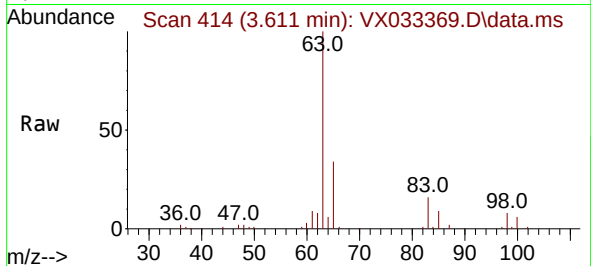
#21
1,1-Dichloroethane
Concen: 21.307 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 63 Resp: 5098
Ion Ratio Lower Upper
63 100
98 7.6 4.0 11.9
100 5.6 2.8 8.3

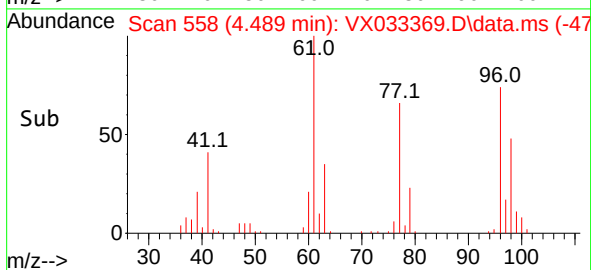
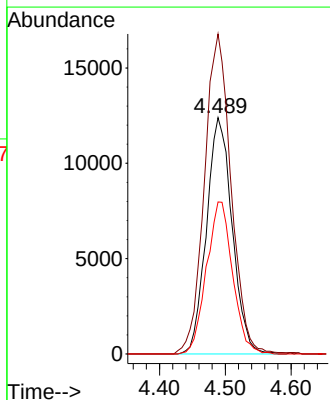
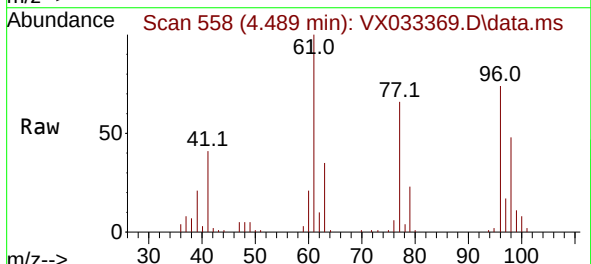
Manual Integrations
APPROVED

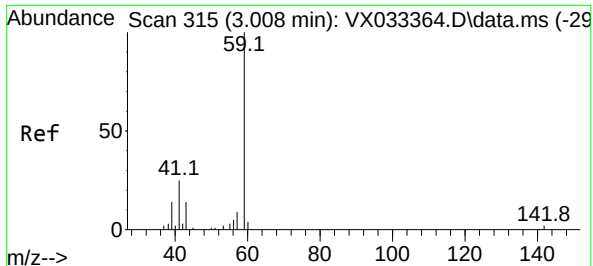
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
cis-1,2-Dichloroethene
Concen: 21.211 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 96 Resp: 33689
Ion Ratio Lower Upper
96 100
61 140.6 113.5 170.3
98 65.3 51.9 77.9





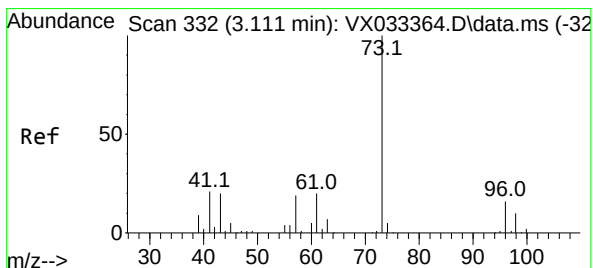
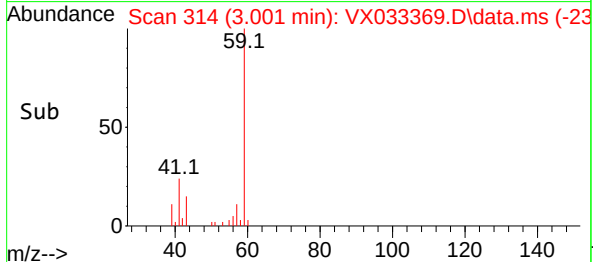
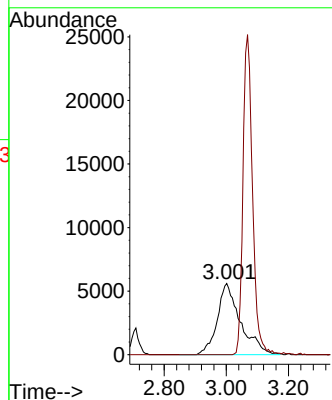
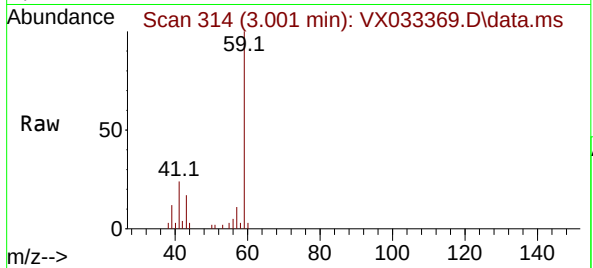
#23
tert-Butyl Alcohol
Concen: 113.100 ug/l m
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 59 Resp: 29050
Ion Ratio Lower Upper
59 100
52 183.9 149.0 223.6

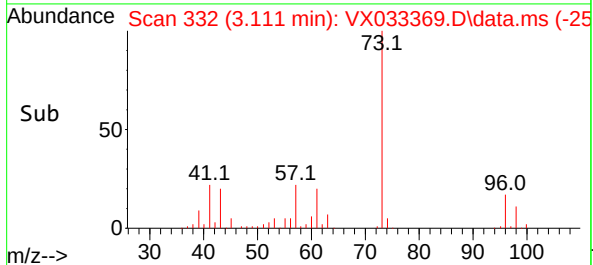
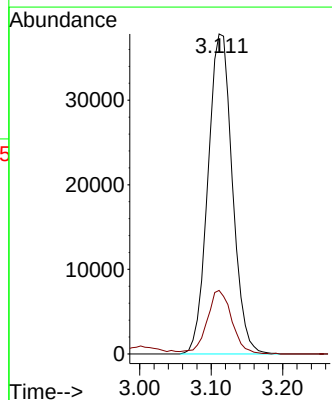
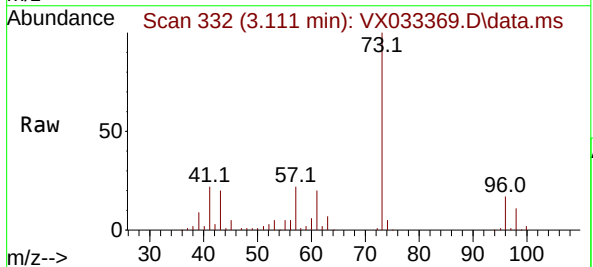
Manual Integrations
APPROVED

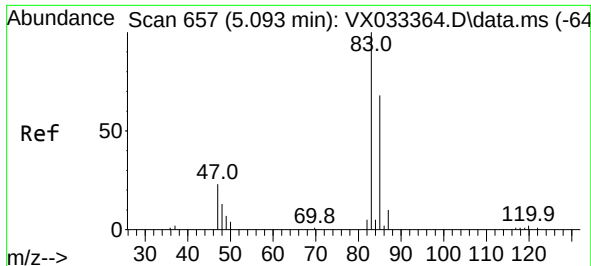
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#24
Methyl tert-Butyl Ether
Concen: 21.128 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 73 Resp: 89790
Ion Ratio Lower Upper
73 100
43 20.2 16.8 25.2





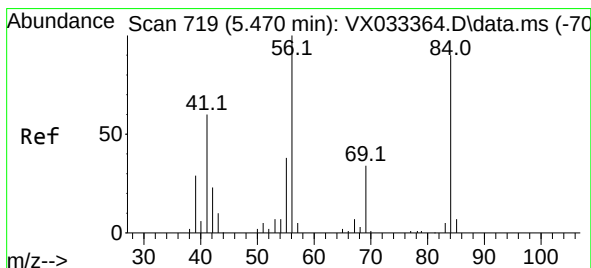
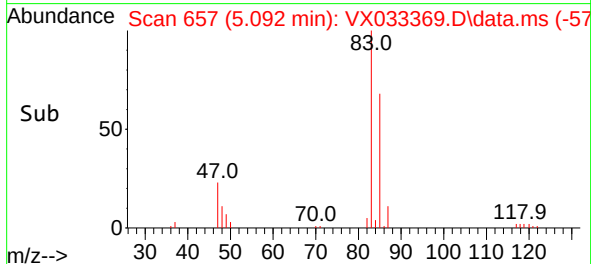
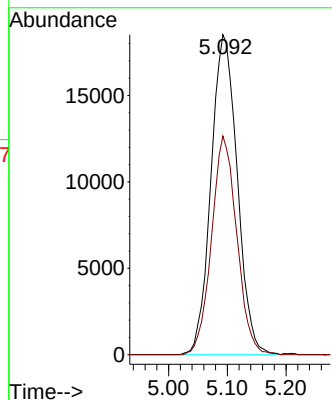
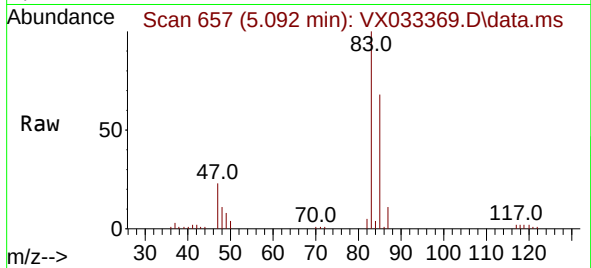
#25
Chloroform
Concen: 21.123 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 83 Resp: 57519
Ion Ratio Lower Upper
83 100
85 68.4 54.2 81.2

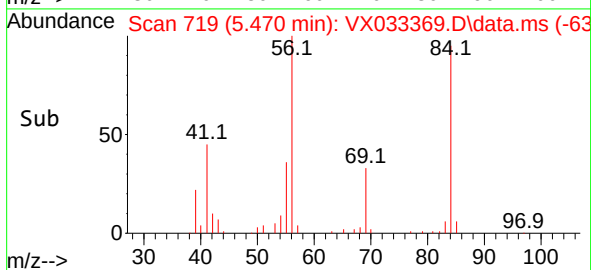
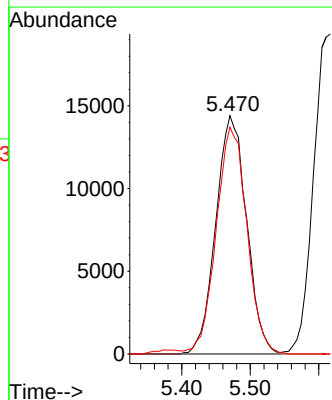
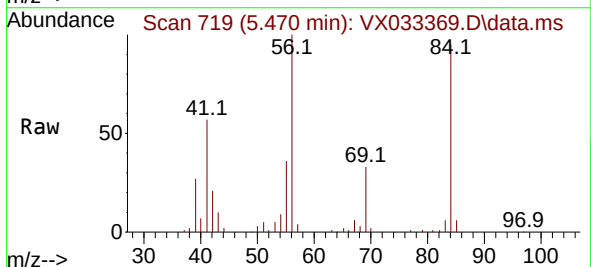
Manual Integrations
APPROVED

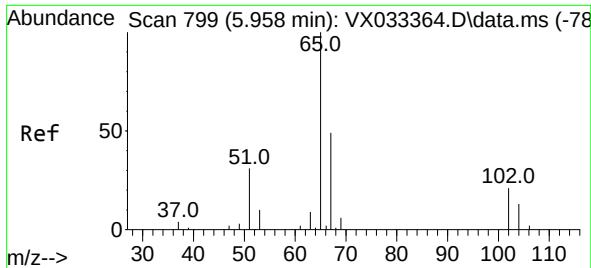
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#26
Cyclohexane
Concen: 21.416 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 56 Resp: 44823
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.9 74.7 112.1





#27

1,2-Dichloroethane-d4

Concen: 29.453 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121222

Tgt Ion: 65 Resp: 3525

Ion Ratio Lower Upper

65 100

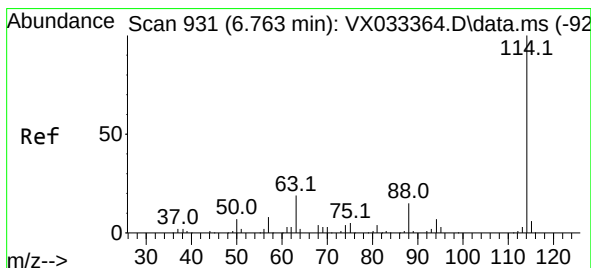
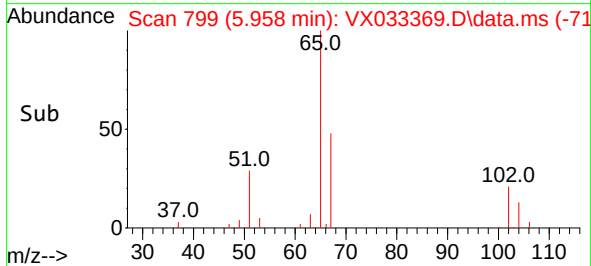
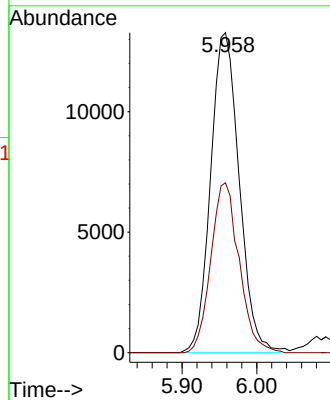
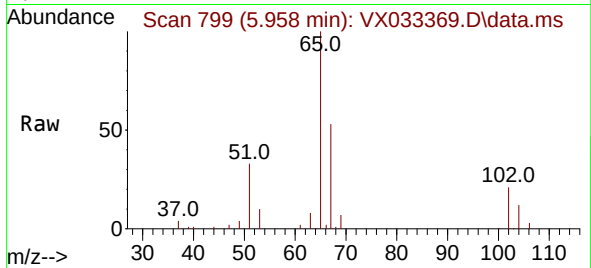
67 52.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

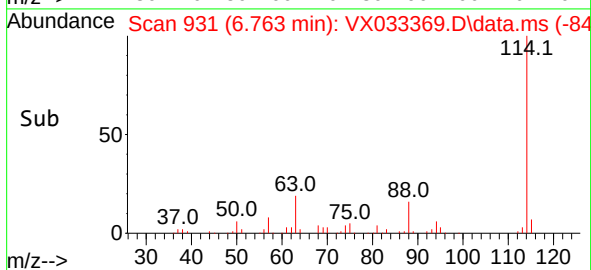
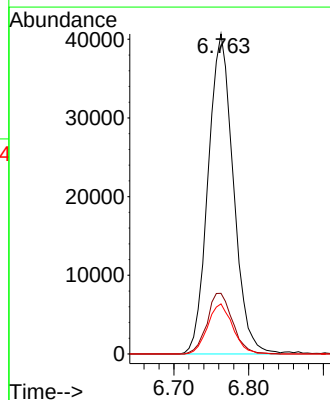
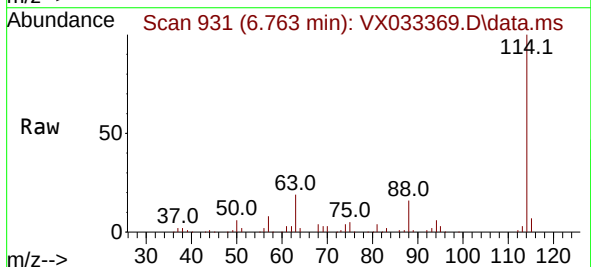
Tgt Ion:114 Resp: 95398

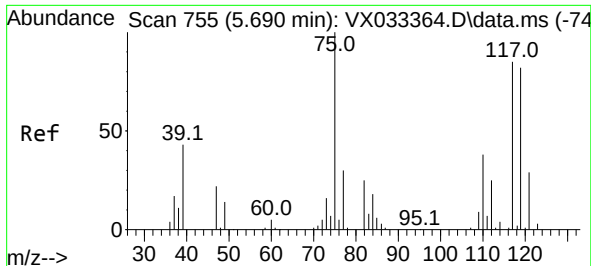
Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 15.5 12.2 18.4





#29

1,1-Dichloropropene

Concen: 21.525 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121222

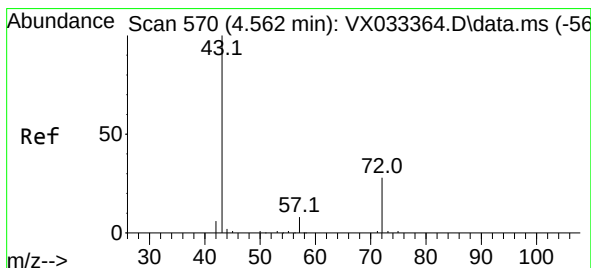
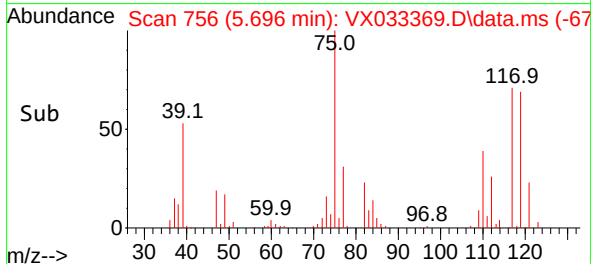
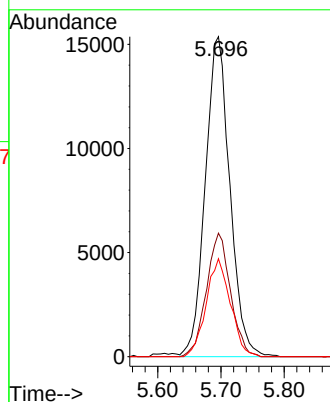
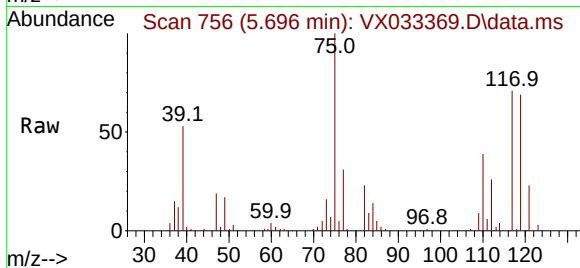
Tgt Ion:	75	Resp:	41502
Ion Ratio	Lower	Upper	
75	100		
110	37.9	0.0	73.6
77	30.2	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

2-Butanone

Concen: 107.237 ug/l

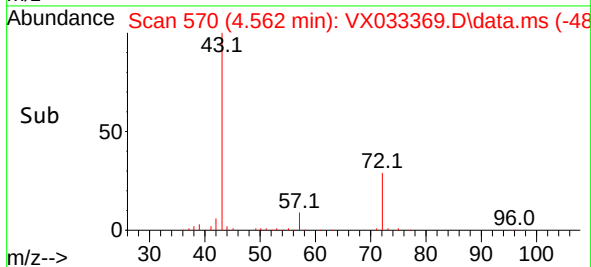
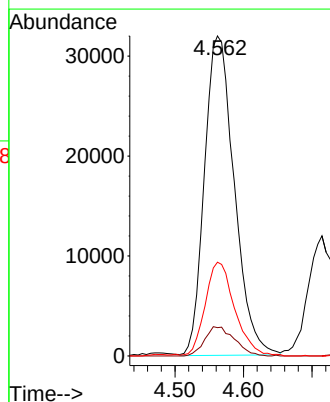
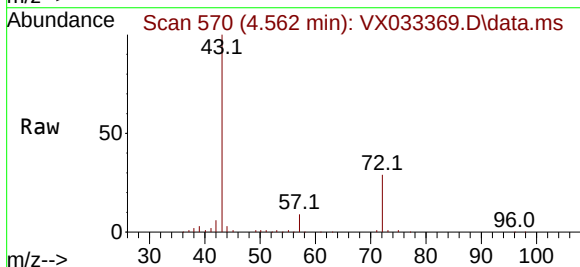
RT: 4.562 min Scan# 570

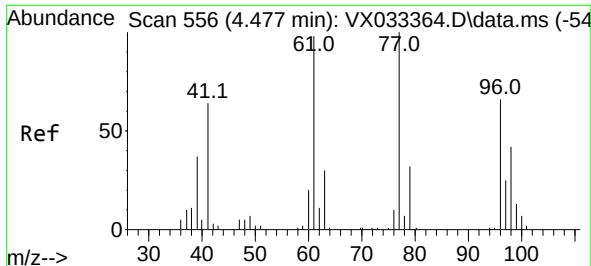
Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Tgt Ion:	43	Resp:	96653
Ion Ratio	Lower	Upper	
43	100		
57	9.2	6.6	9.8
72	28.9	22.5	33.7





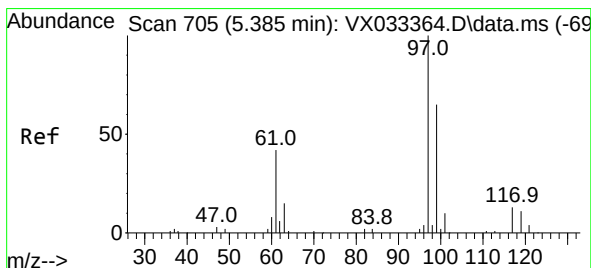
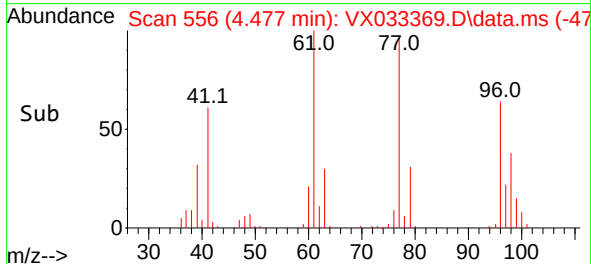
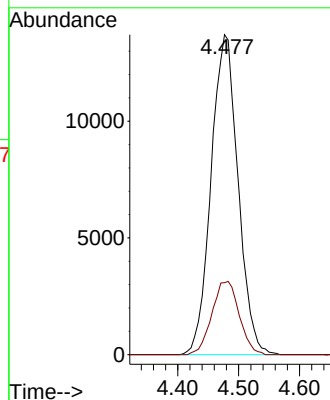
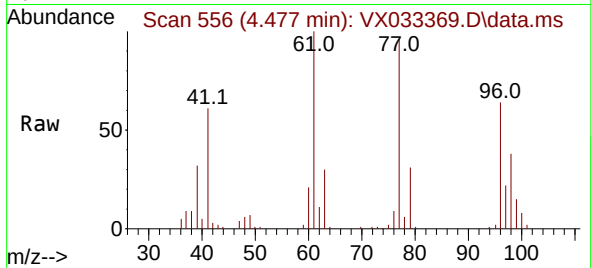
#31
2,2-Dichloropropane
Concen: 20.808 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 77 Resp: 42164
Ion Ratio Lower Upper
77 100
97 23.2 18.1 27.1

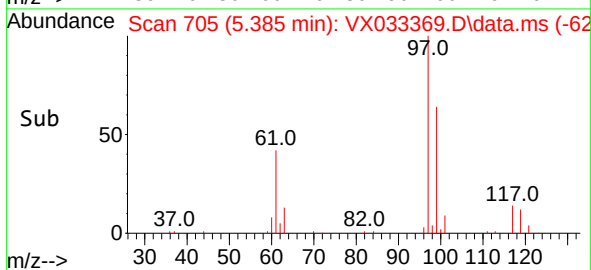
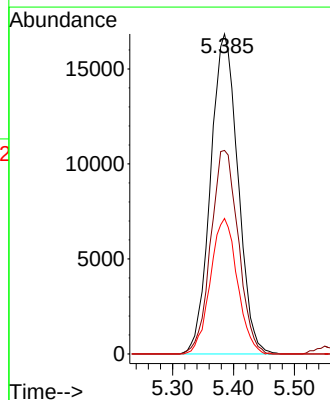
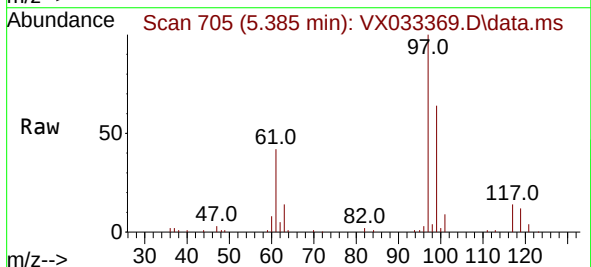
Manual Integrations
APPROVED

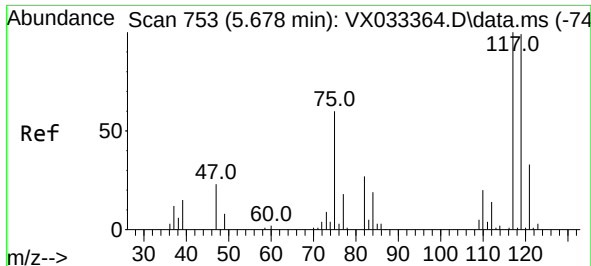
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#32
1,1,1-Trichloroethane
Concen: 21.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

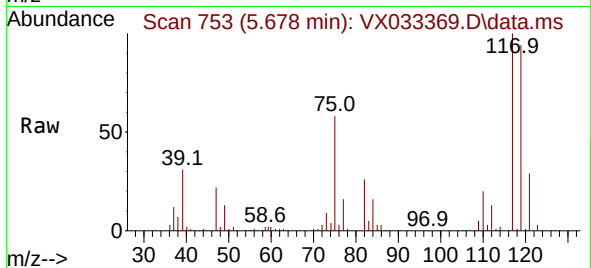
Tgt Ion: 97 Resp: 52517
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 41.7 34.3 51.5





#33
Carbon Tetrachloride
Concen: 21.058 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

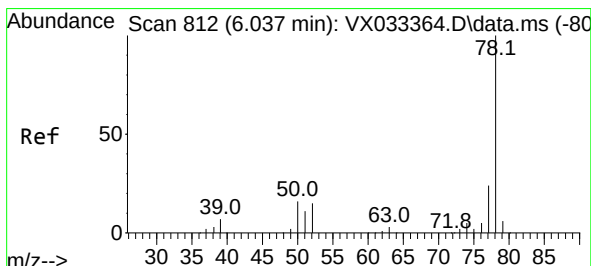
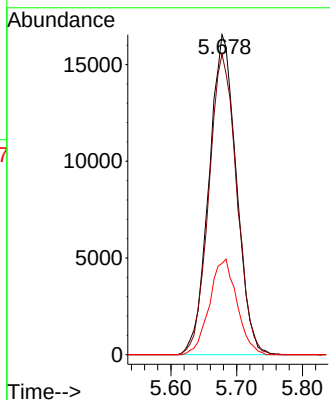
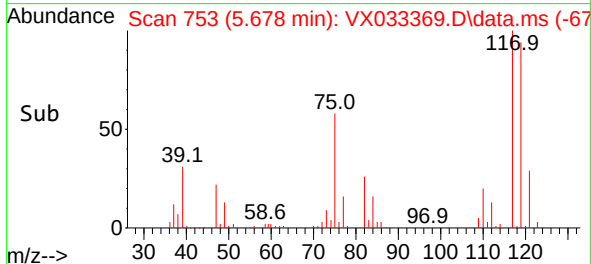
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



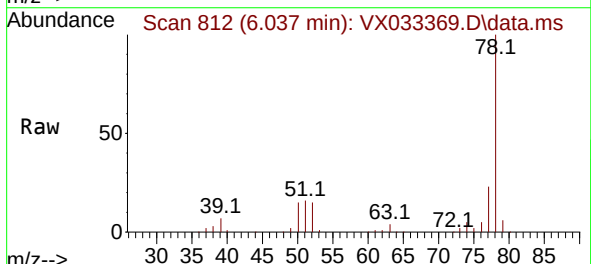
Tgt Ion:117 Resp: 4792
Ion Ratio Lower Upper
117 100
119 93.9 79.5 119.3
121 28.6 26.2 39.2

Manual Integrations
APPROVED

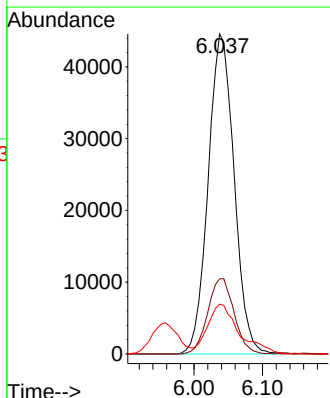
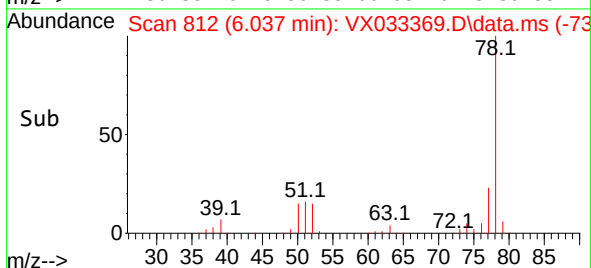
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

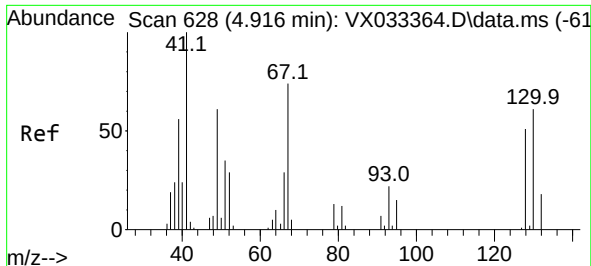


#34
Benzene
Concen: 21.228 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



Tgt Ion: 78 Resp: 117293
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8
51 15.0 12.6 18.8





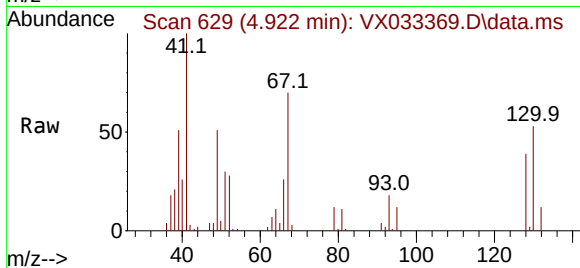
#35
Methacrylonitrile
Concen: 21.436 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121222



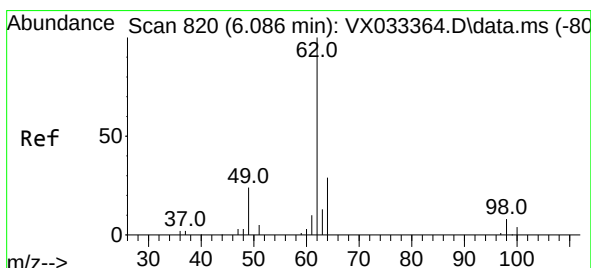
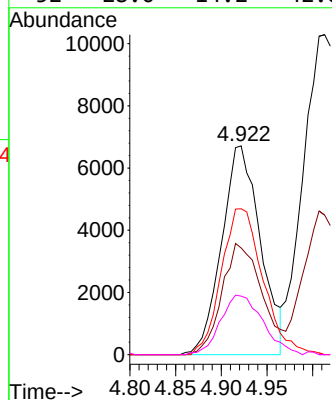
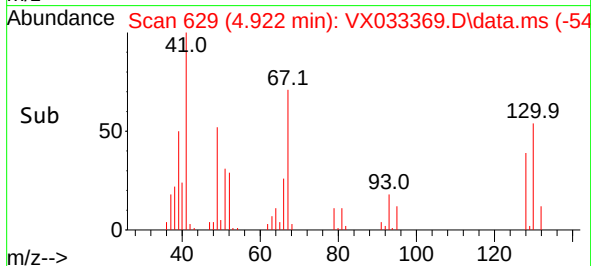
Tgt Ion: 41 Resp: 19800
Ion Ratio Lower Upper
41 100
39 51.1 27.8 83.3
67 69.9 37.0 110.9
52 28.0 14.2 42.8

Manual Integrations

APPROVED

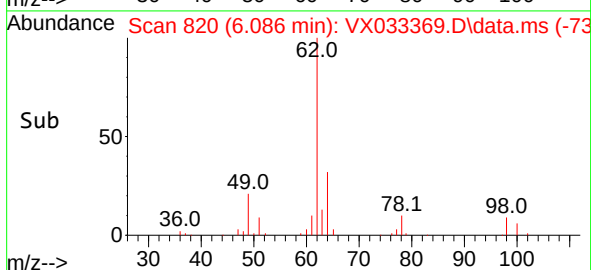
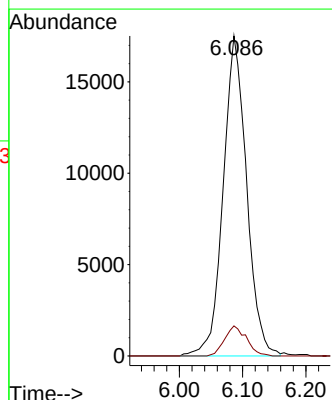
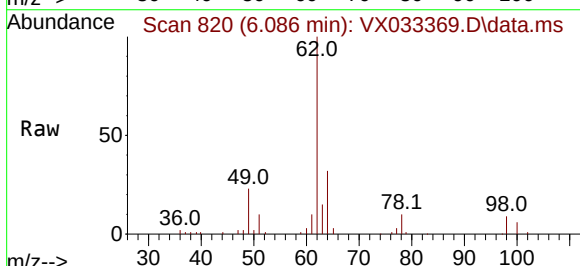
Reviewed By :John Carlone 12/13/2022

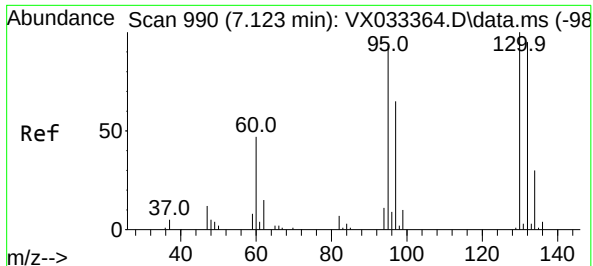
Supervised By :Mahesh Dadoda 12/13/2022



#36
1,2-Dichloroethane
Concen: 21.198 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

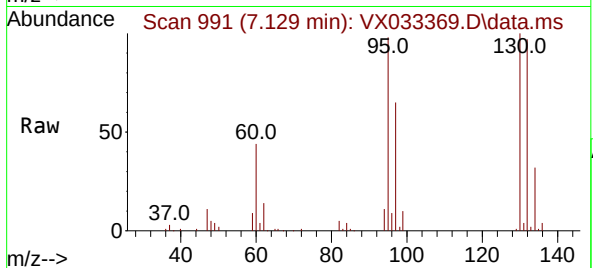
Tgt Ion: 62 Resp: 45021
Ion Ratio Lower Upper
62 100
98 8.8 6.4 9.6





#37
Trichloroethene
Concen: 21.629 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

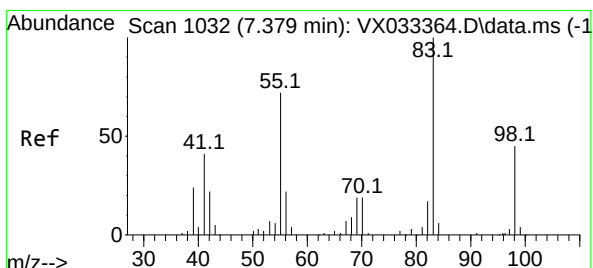
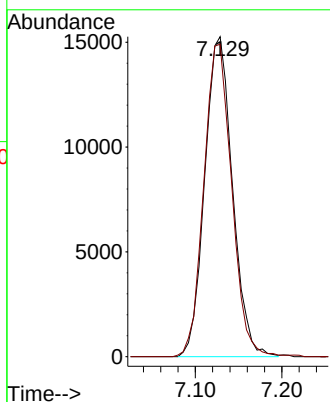
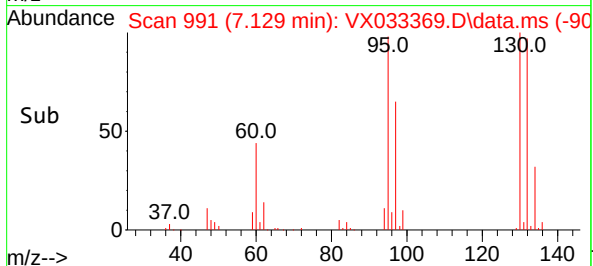
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion:130 Resp: 3393
Ion Ratio Lower Upper
130 100
95 97.2 74.6 112.0

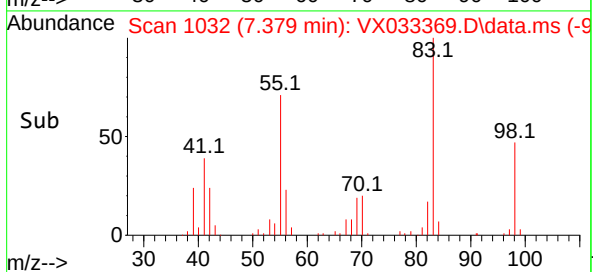
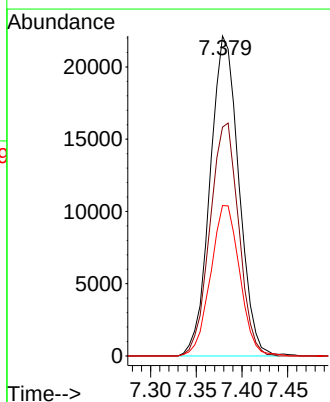
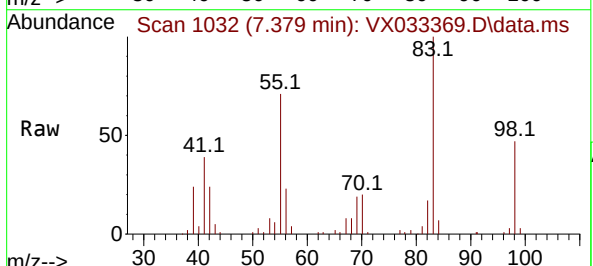
Manual Integrations
APPROVED

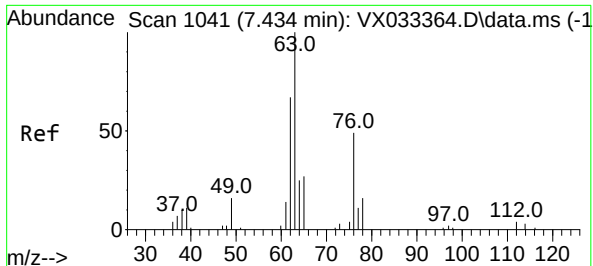
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Methylcyclohexane
Concen: 21.322 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 83 Resp: 48443
Ion Ratio Lower Upper
83 100
55 72.9 36.2 108.6
98 47.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.136 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX121222

Tgt Ion: 63 Resp: 29120

Ion Ratio Lower Upper

63 100

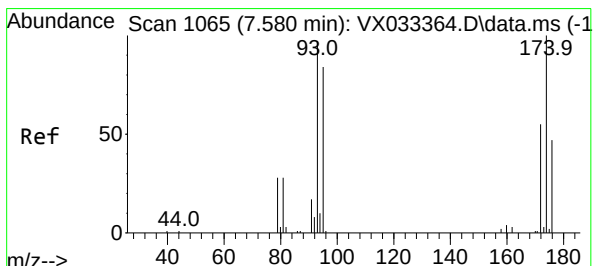
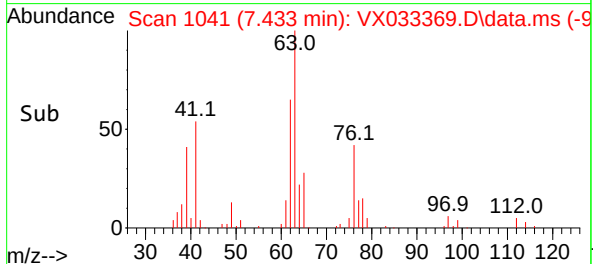
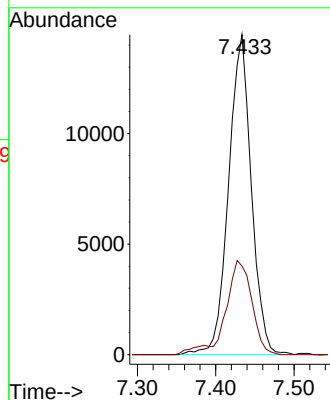
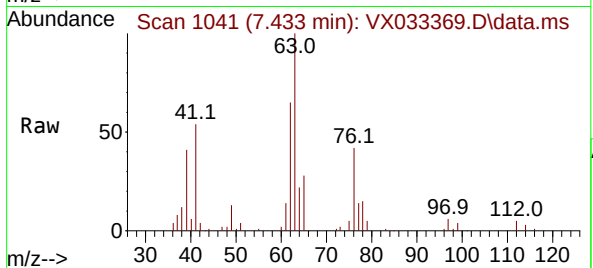
65 27.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Dibromomethane

Concen: 21.375 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

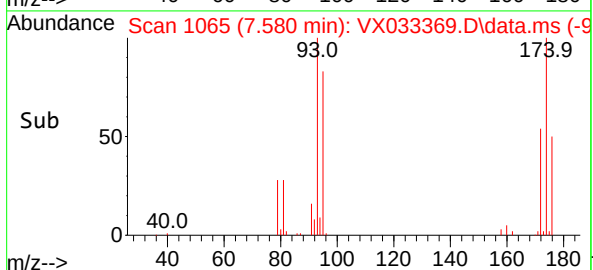
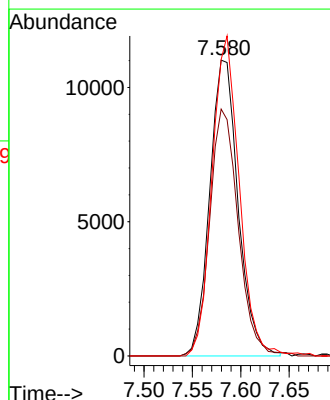
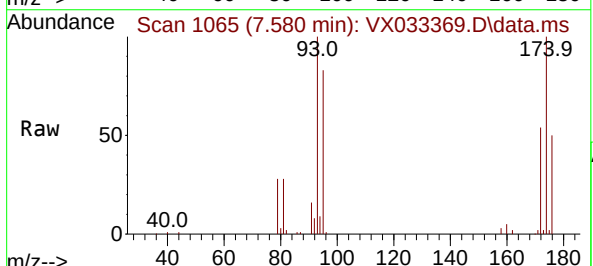
Tgt Ion: 93 Resp: 22533

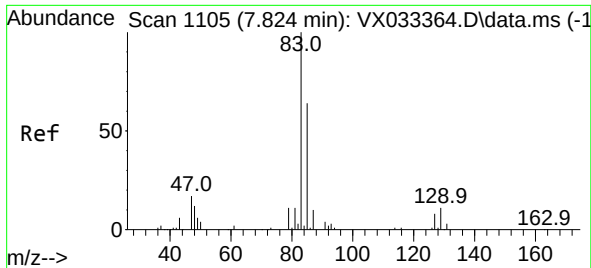
Ion Ratio Lower Upper

93 100

95 83.7 0.0 170.2

174 103.4 0.0 206.8





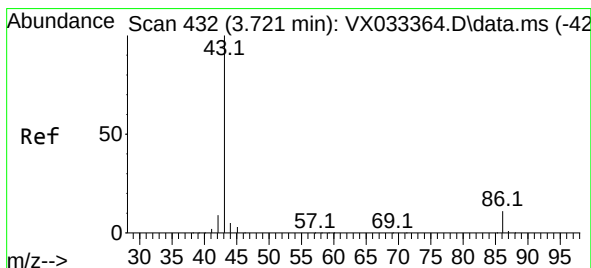
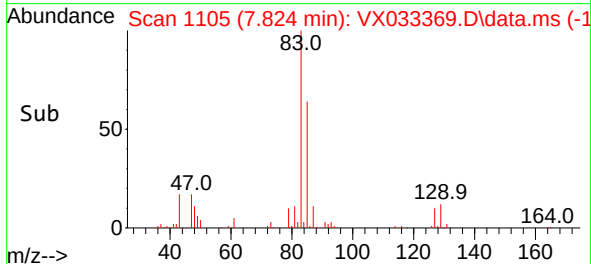
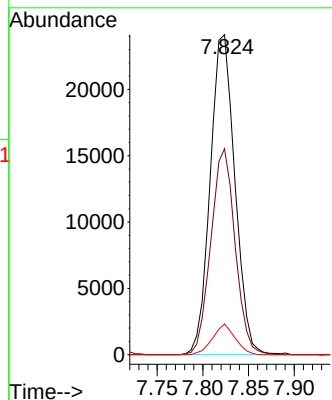
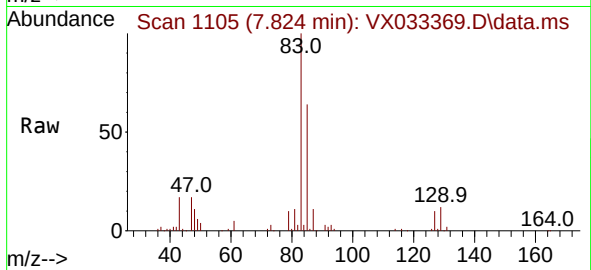
#41
Bromodichloromethane
Concen: 20.983 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Tgt Ion: 83 Resp: 45329
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 9.6 6.8 10.2

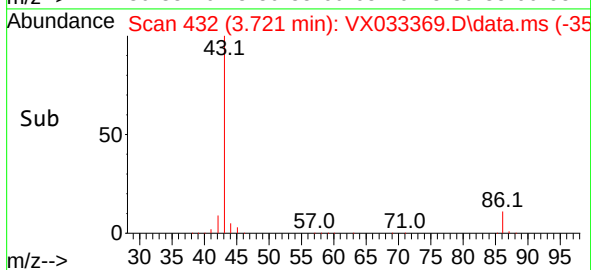
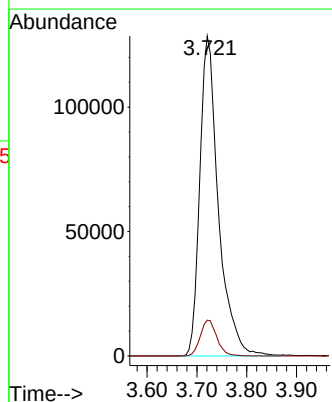
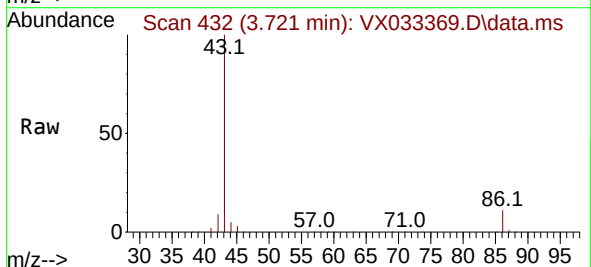
Manual Integrations
APPROVED

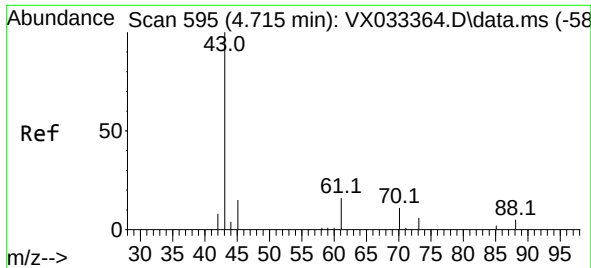
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
Vinyl Acetate
Concen: 106.971 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 43 Resp: 333798
Ion Ratio Lower Upper
43 100
86 9.9 7.8 11.8





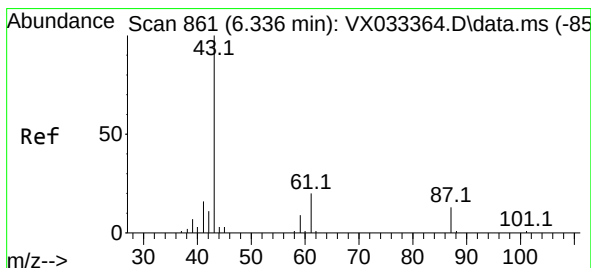
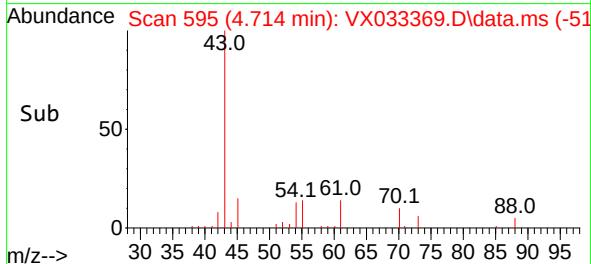
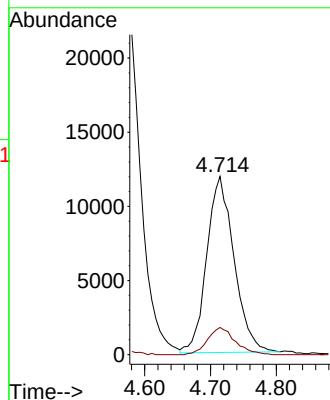
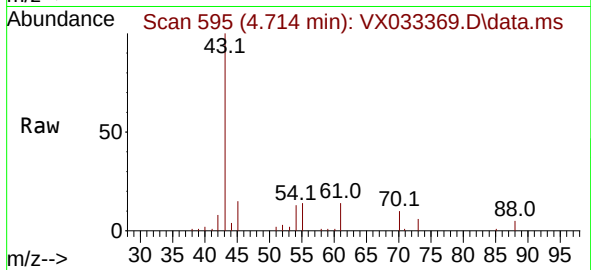
#43
Ethyl Acetate
Concen: 21.180 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 43 Resp: 3432
Ion Ratio Lower Upper
43 100
45 15.7 12.0 18.0

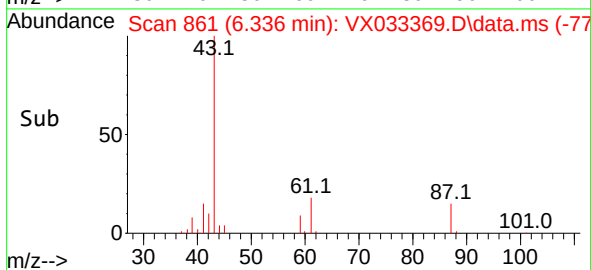
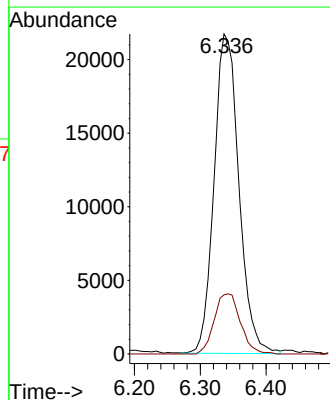
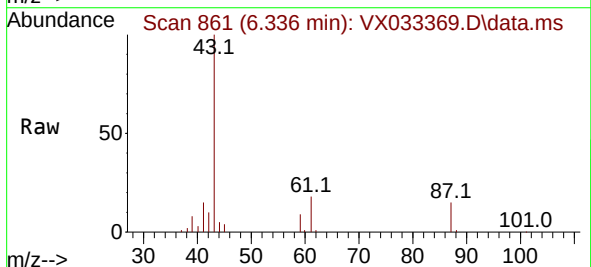
Manual Integrations
APPROVED

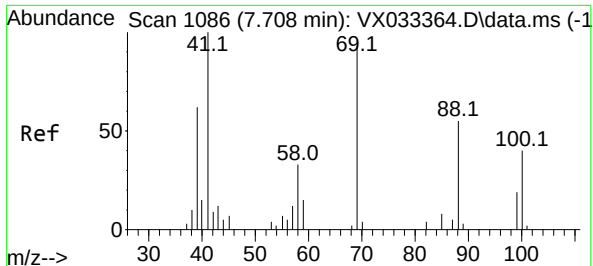
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#44
Isopropyl Acetate
Concen: 20.735 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 43 Resp: 57044
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5





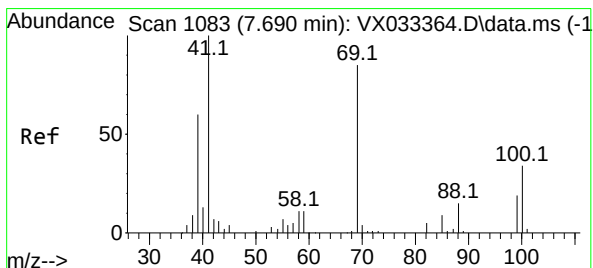
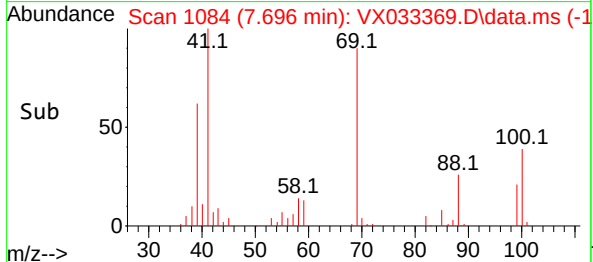
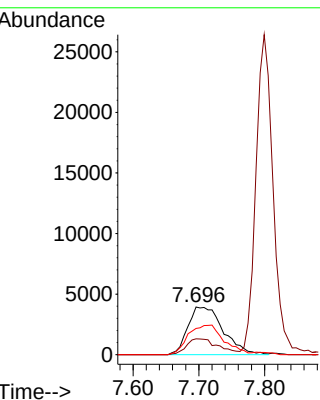
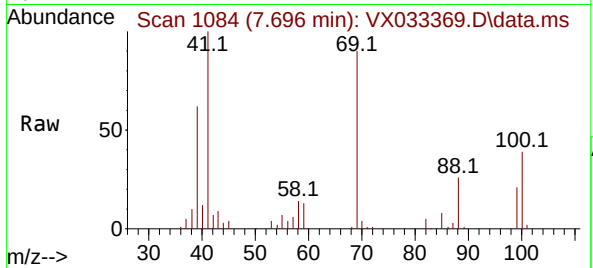
#45
1,4-Dioxane
Concen: 459.092 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.012 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 88 Resp: 1479
Ion Ratio Lower Upper
88 100
43 22.1 12.4 18.6
58 61.9 51.1 76.7

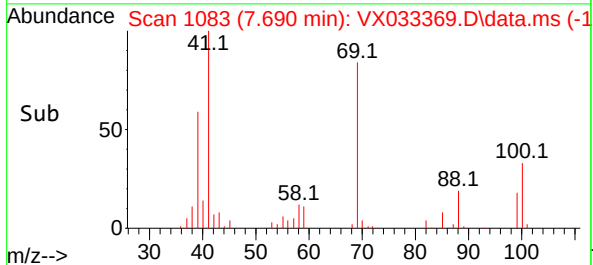
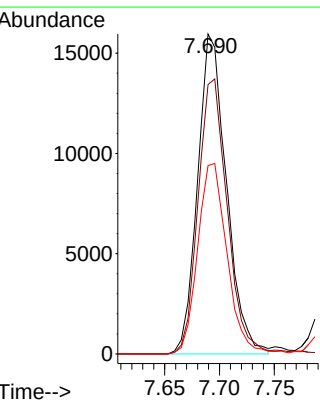
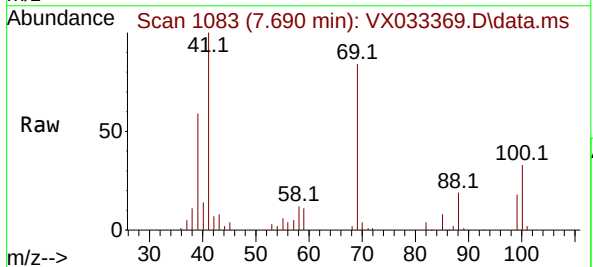
Manual Integrations
APPROVED

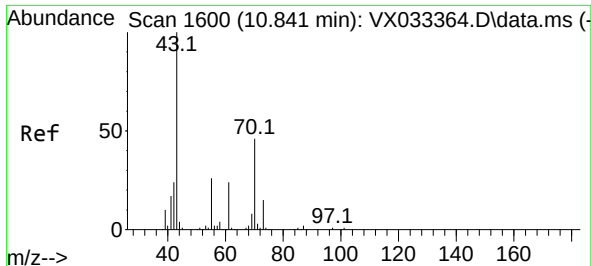
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#46
Methyl methacrylate
Concen: 21.309 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

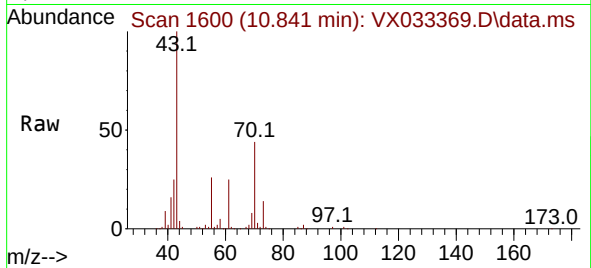
Tgt Ion: 41 Resp: 29201
Ion Ratio Lower Upper
41 100
69 84.2 42.3 126.9
39 58.9 30.1 90.5





#47
n-amy1 Acetate
Concen: 21.613 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

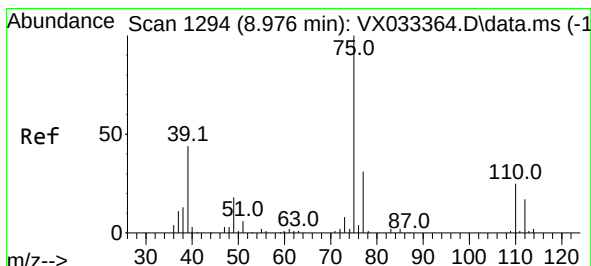
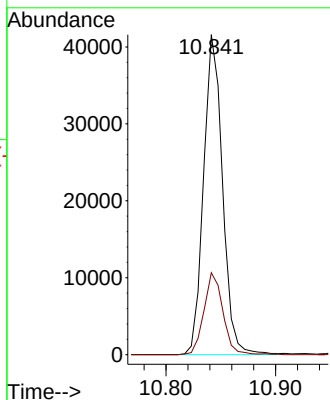
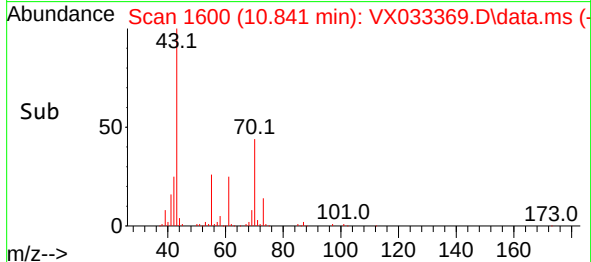
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion: 43 Resp: 49898
Ion Ratio Lower Upper
43 100
55 25.1 20.6 30.8

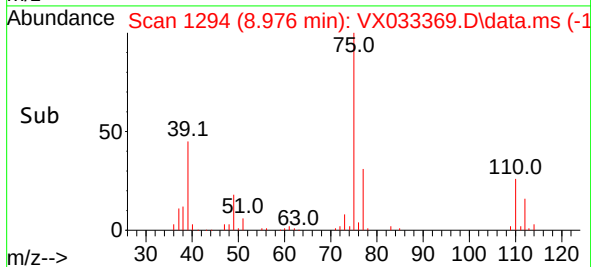
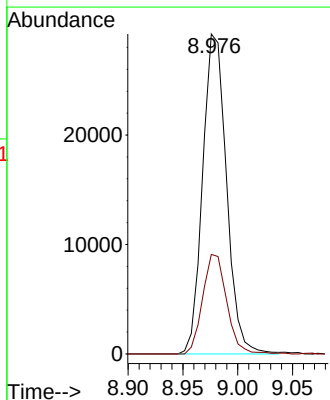
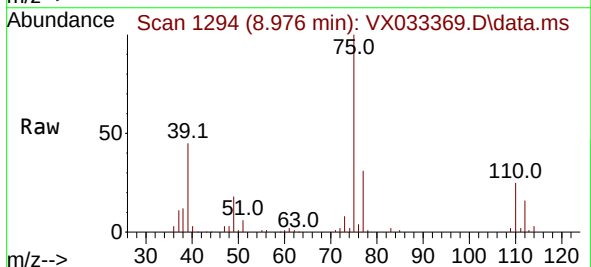
Manual Integrations
APPROVED

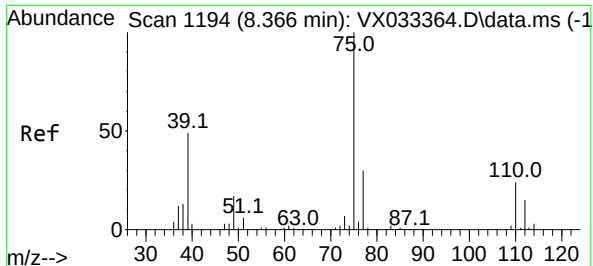
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
t-1,3-Dichloropropene
Concen: 20.452 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 75 Resp: 44317
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 20.744 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121222

Tgt Ion: 75 Resp: 4824

Ion Ratio Lower Upper

75 100

77 32.6 24.2 36.4

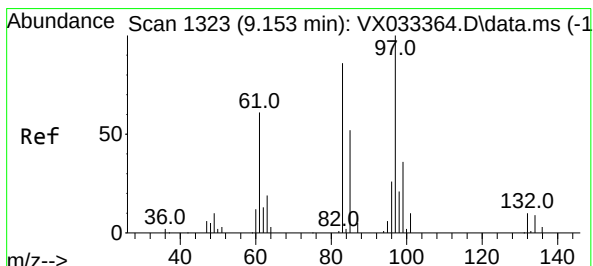
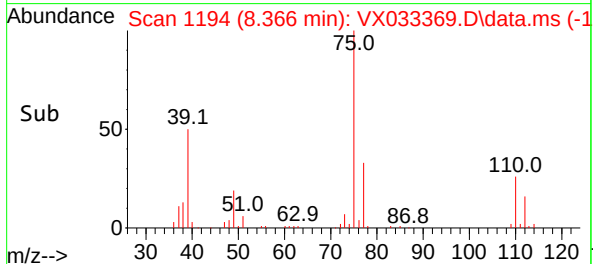
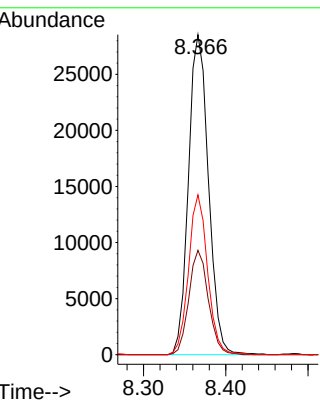
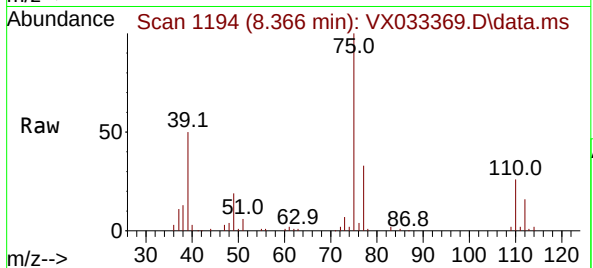
39 49.9 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

1,1,2-Trichloroethane

Concen: 21.460 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Tgt Ion: 97 Resp: 31285

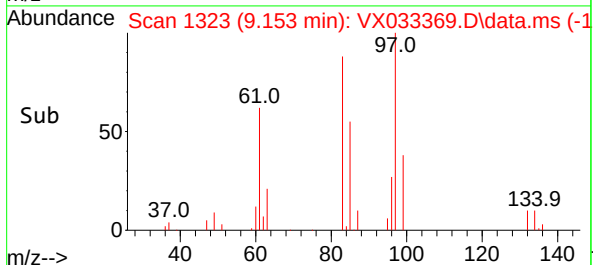
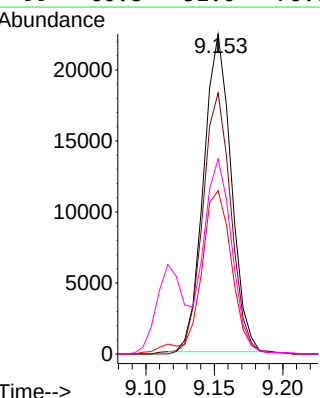
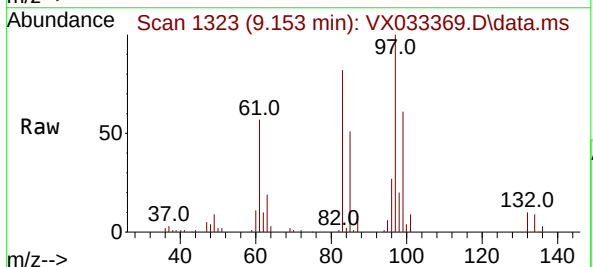
Ion Ratio Lower Upper

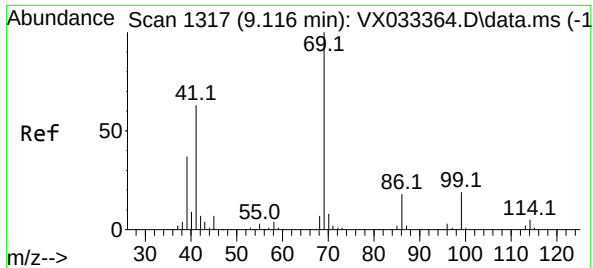
97 100

83 82.1 68.1 102.1

85 51.1 43.8 65.6

99 60.8 51.0 76.6





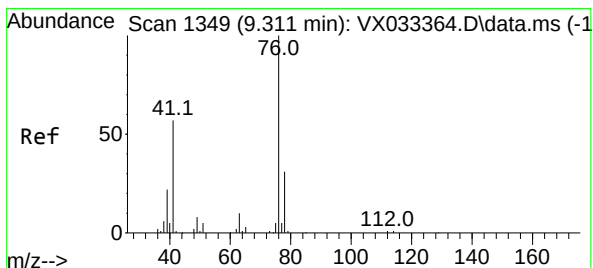
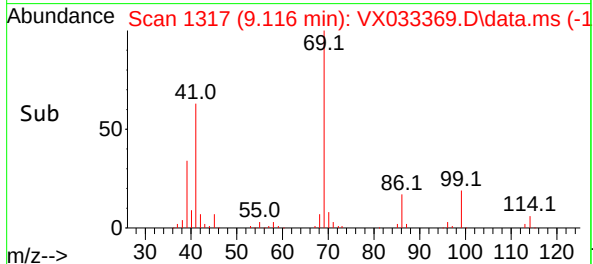
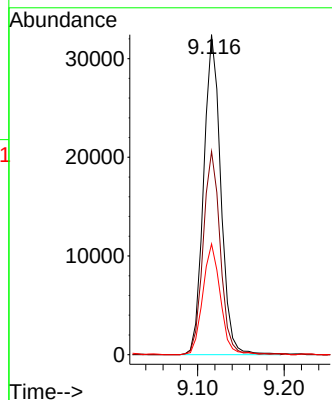
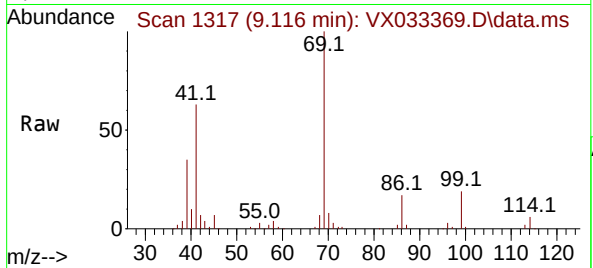
#51
Ethyl methacrylate
Concen: 21.392 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion: 69 Resp: 44558
Ion Ratio Lower Upper
69 100
41 63.5 31.4 94.2
39 34.6 18.4 55.2

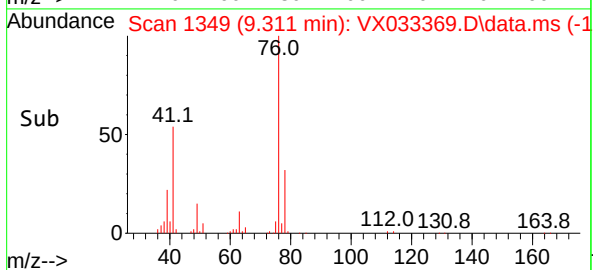
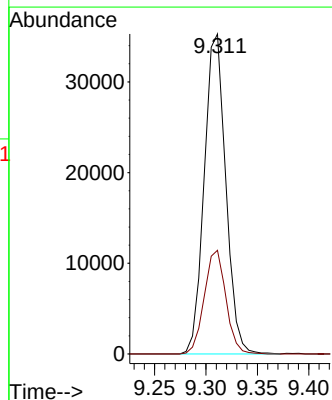
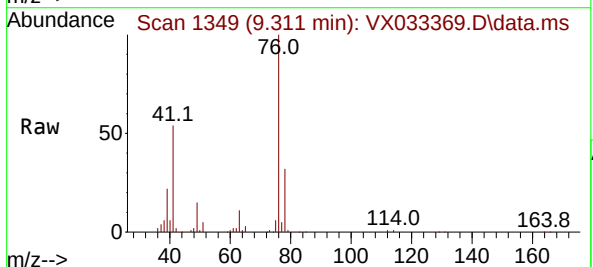
Manual Integrations
APPROVED

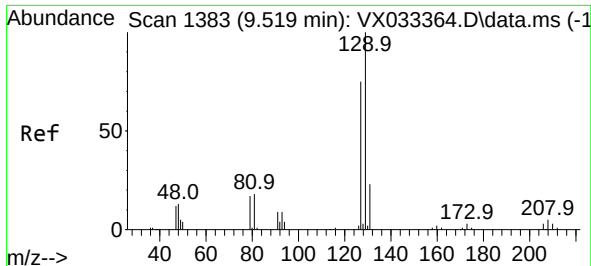
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
1,3-Dichloropropane
Concen: 21.660 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 76 Resp: 51562
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.4





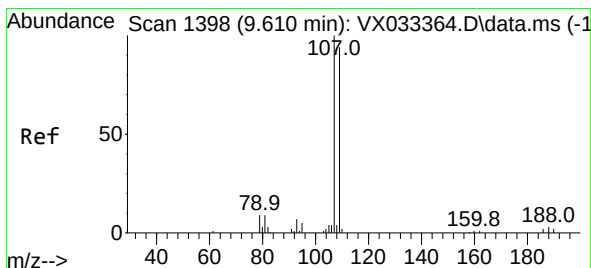
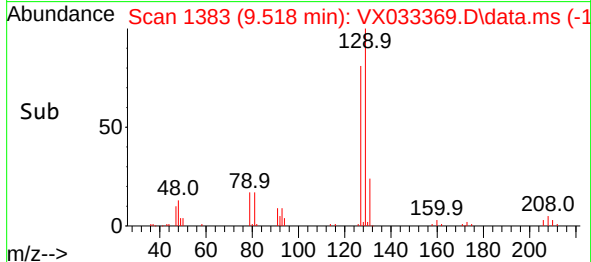
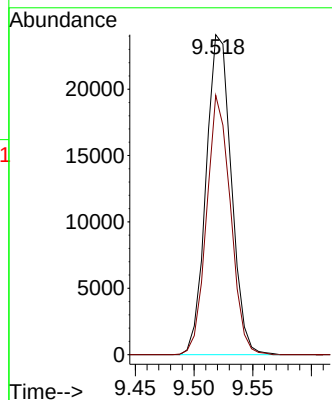
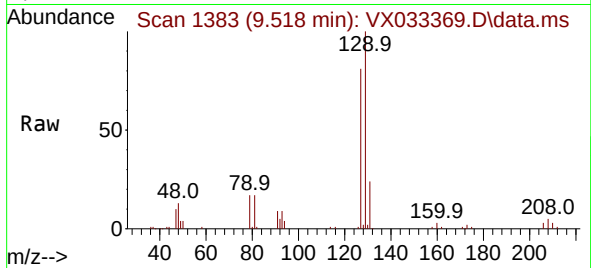
#53
Dibromochloromethane
Concen: 20.577 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Tgt Ion:129 Resp: 36050
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

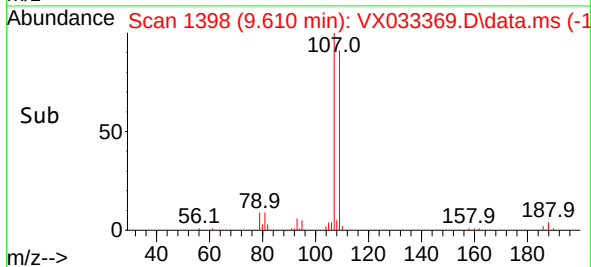
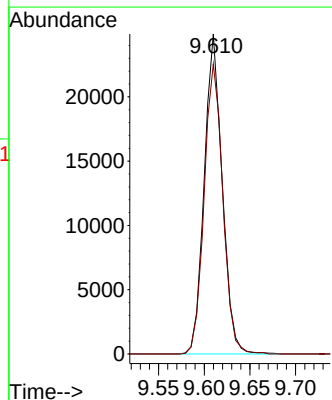
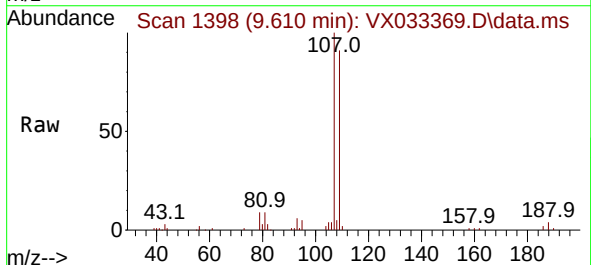
Manual Integrations
APPROVED

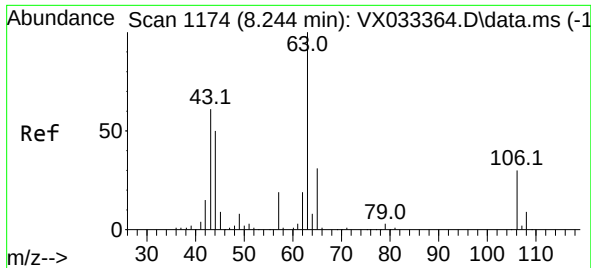
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
1,2-Dibromoethane
Concen: 21.244 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion:107 Resp: 33900
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.2





#55
2-Chloroethyl vinyl ether
Concen: 100.576 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

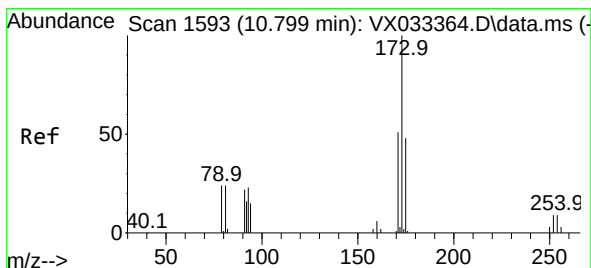
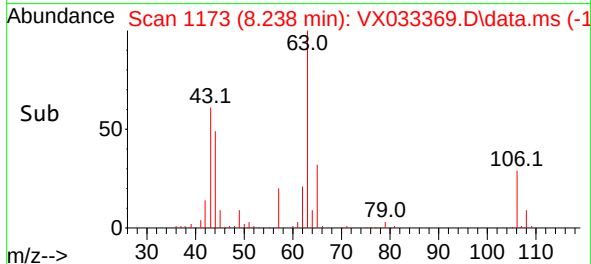
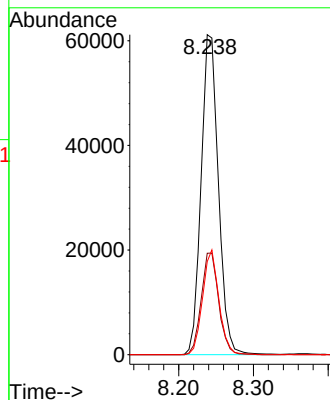
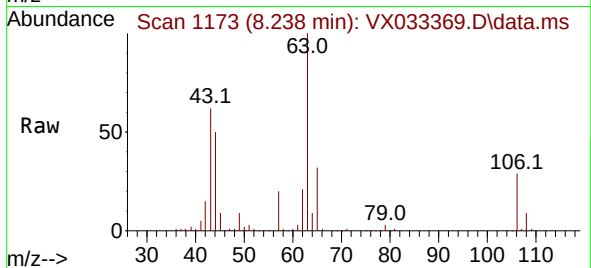
ICVVX121222

Tgt Ion: 63 Resp: 9836
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.8
106 30.8 24.2 36.4

Manual Integrations

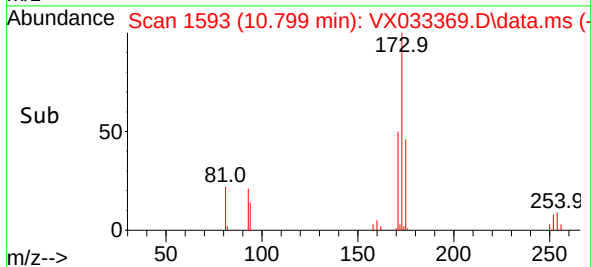
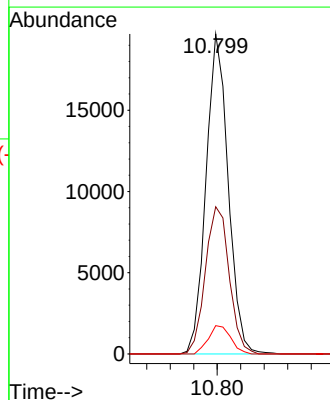
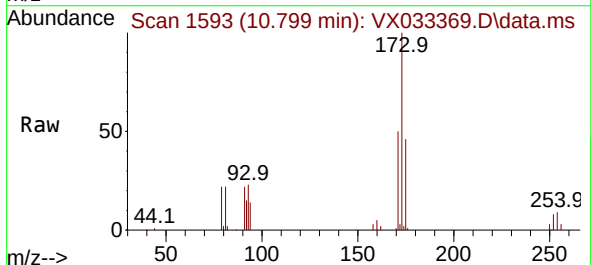
APPROVED

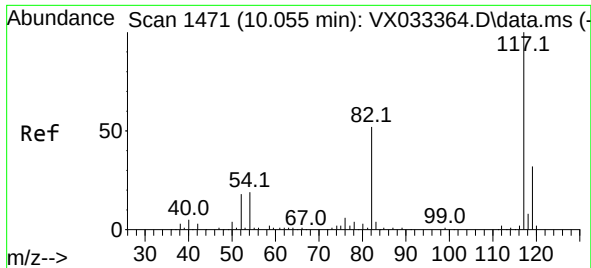
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Bromoform
Concen: 20.382 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

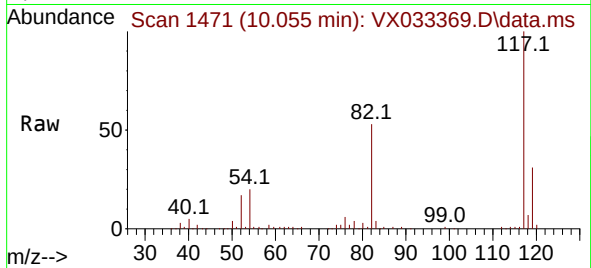
Tgt Ion:173 Resp: 25775
Ion Ratio Lower Upper
173 100
175 49.5 39.6 59.4
254 9.0 7.1 10.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

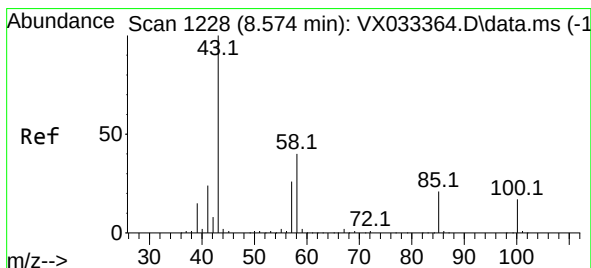
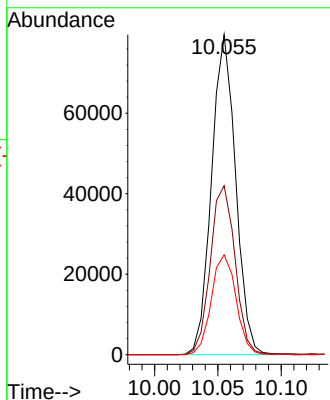
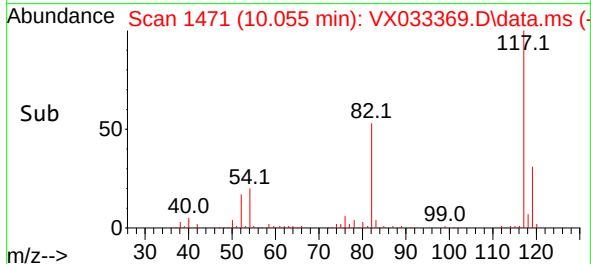
Instrument : MSVOA_X
ClientSampleId : ICVVX121222



Tgt Ion: 117 Resp: 10517
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.1 25.6 38.4

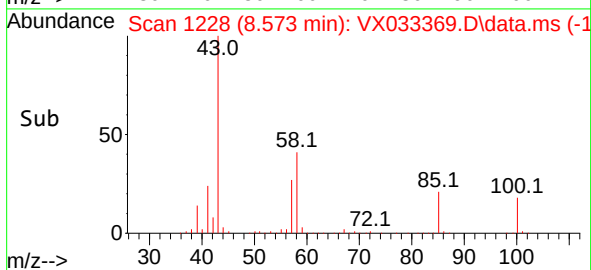
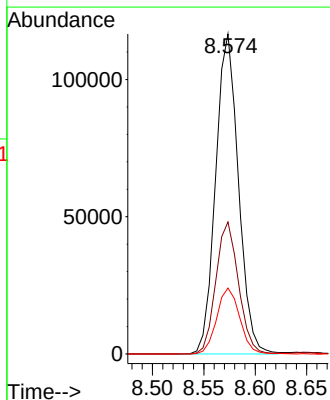
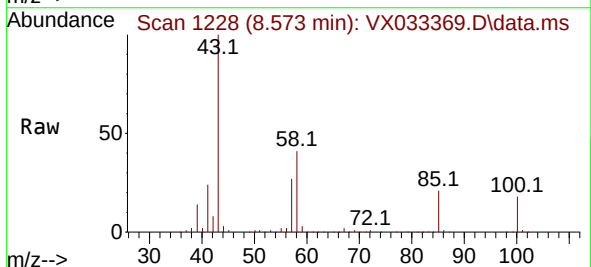
Manual Integrations
APPROVED

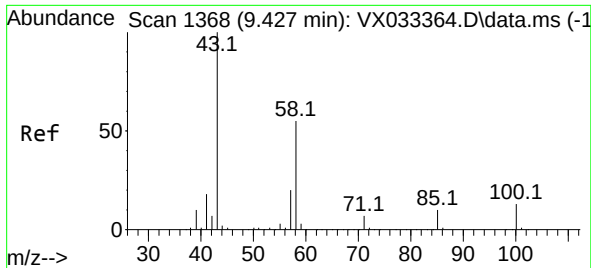
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#58
4-Methyl-2-Pentanone
Concen: 105.641 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

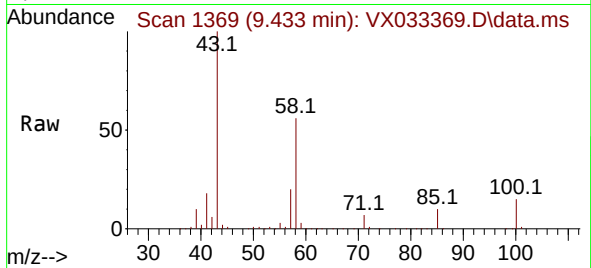
Tgt Ion: 43 Resp: 179674
Ion Ratio Lower Upper
43 100
58 41.0 32.3 48.5
85 20.8 16.6 24.8





#59
2-Hexanone
Concen: 109.236 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

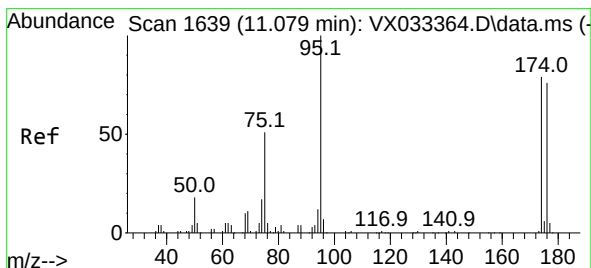
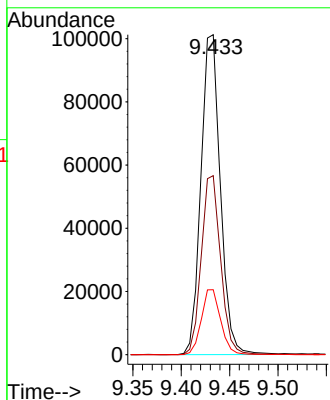
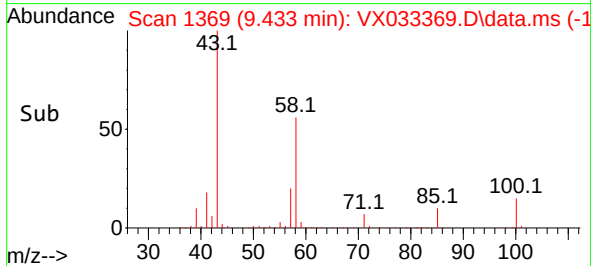
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222



Tgt Ion: 43 Resp: 142070
Ion Ratio Lower Upper
43 100
58 55.5 44.4 66.6
57 20.2 16.2 24.2

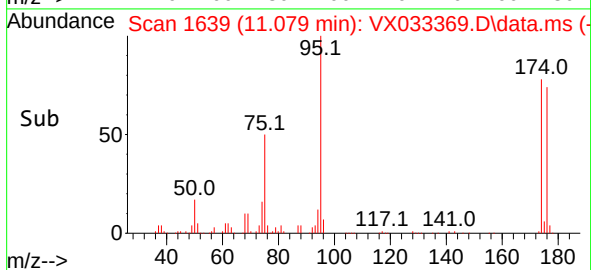
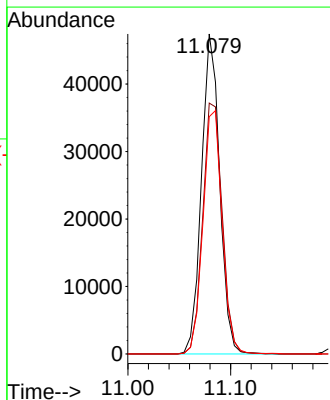
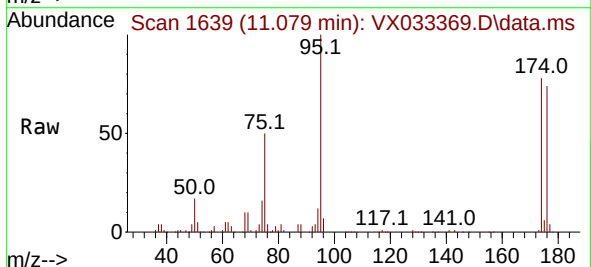
Manual Integrations
APPROVED

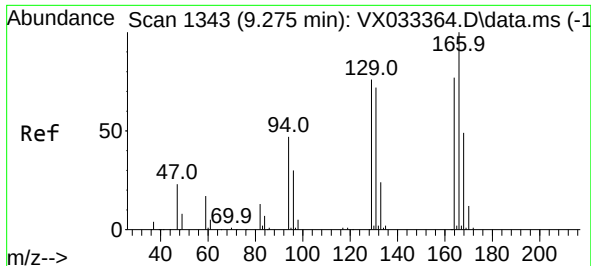
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
4-Bromofluorobenzene
Concen: 30.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

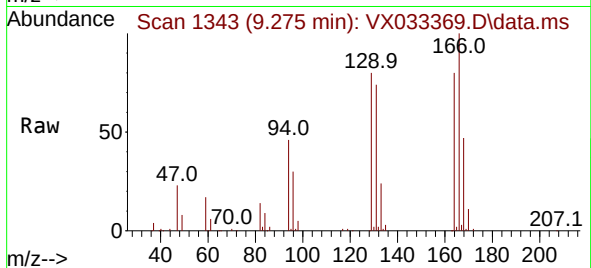
Tgt Ion: 95 Resp: 58443
Ion Ratio Lower Upper
95 100
174 84.1 65.9 98.9
176 80.3 63.3 94.9





#61
Tetrachloroethene
Concen: 21.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

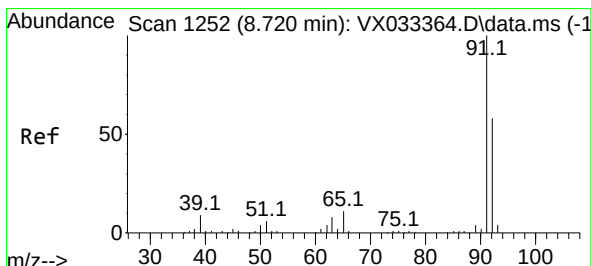
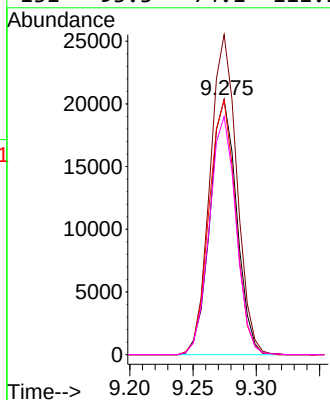
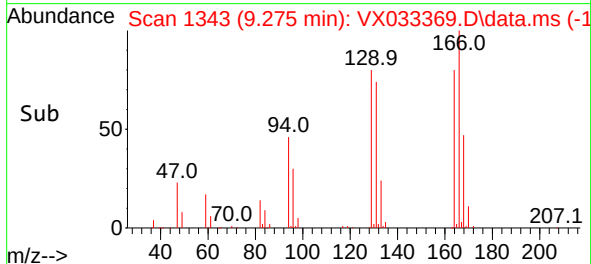
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



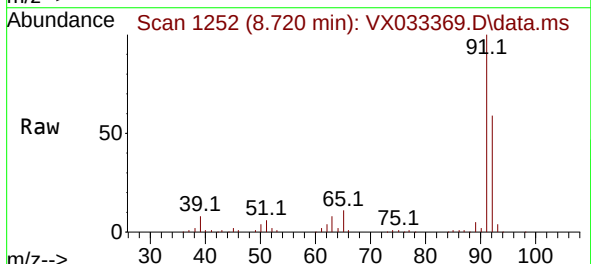
Tgt Ion:164 Resp: 2981
Ion Ratio Lower Upper
164 100
166 125.4 103.3 154.9
129 99.7 78.3 117.5
131 93.3 74.1 111.1

Manual Integrations
APPROVED

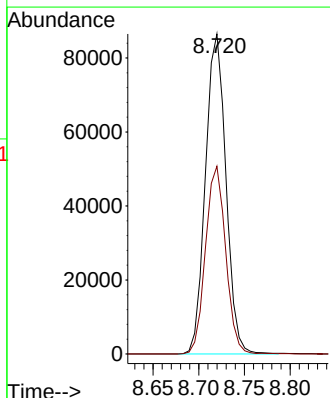
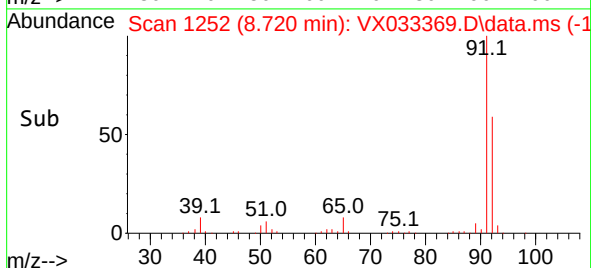
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

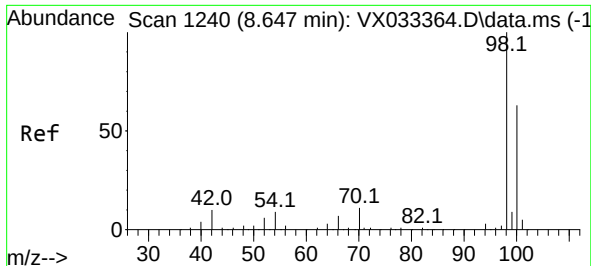


#62
Toluene
Concen: 21.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



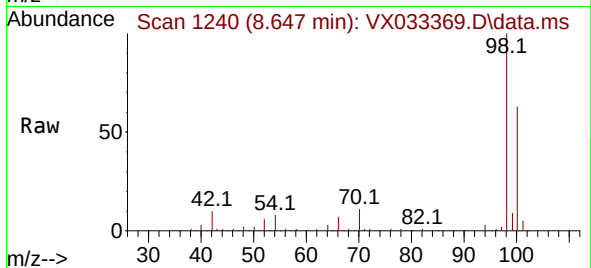
Tgt Ion: 91 Resp: 134645
Ion Ratio Lower Upper
91 100
92 57.7 46.2 69.2





#63
Toluene-d8
Concen: 30.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

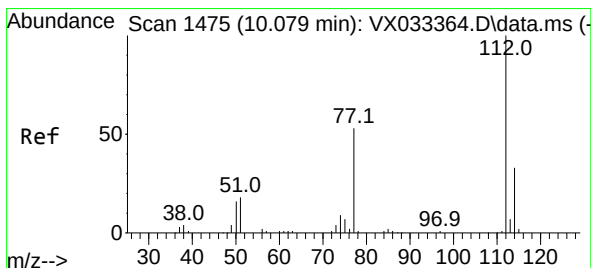
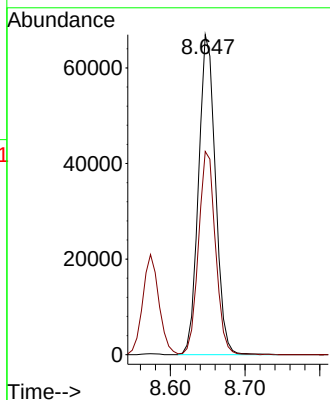
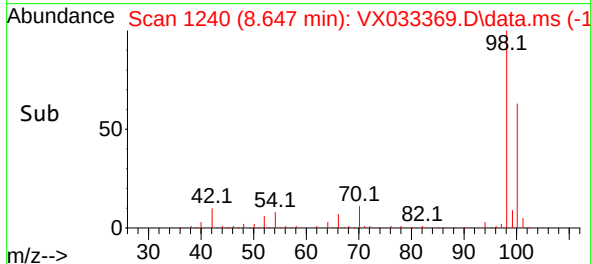
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion: 98 Resp: 105040
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2

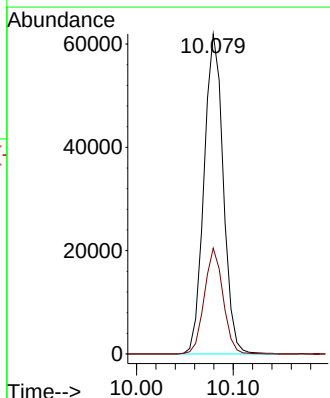
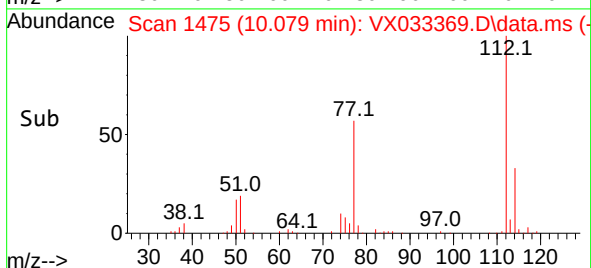
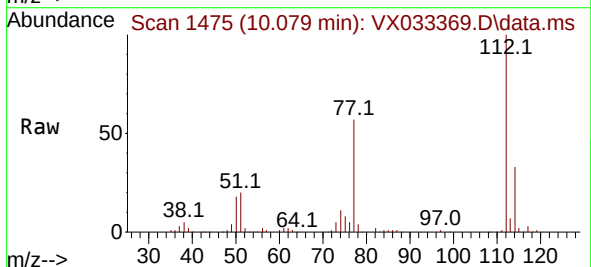
Manual Integrations
APPROVED

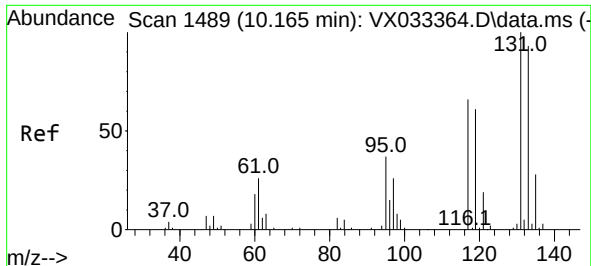
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Chlorobenzene
Concen: 21.218 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion:112 Resp: 85690
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2





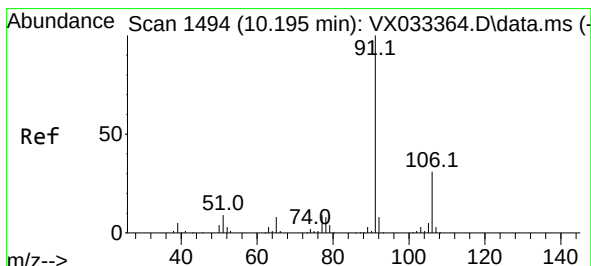
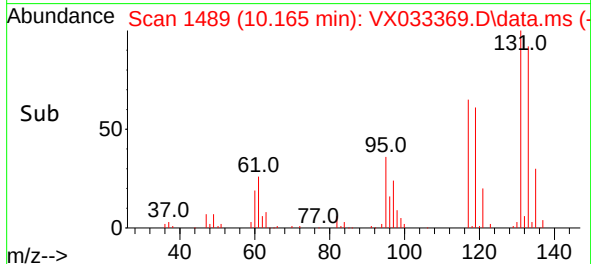
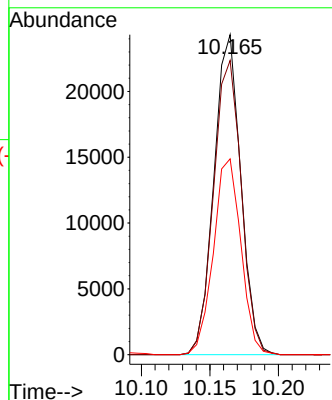
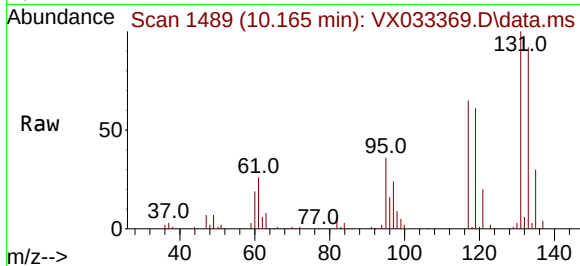
#65
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion:131 Resp: 3318
Ion Ratio Lower Upper
131 100
133 95.0 0.0 187.6
119 62.6 0.0 124.2

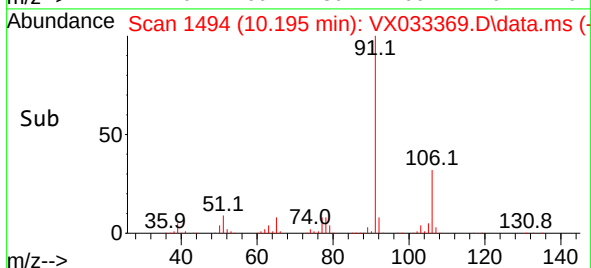
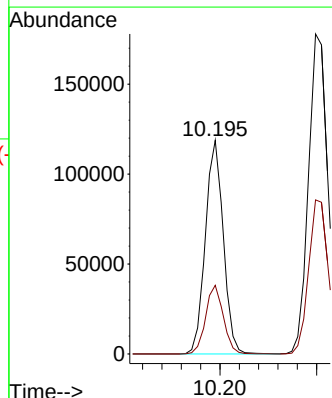
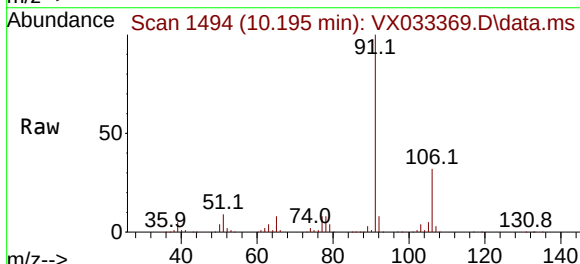
Manual Integrations
APPROVED

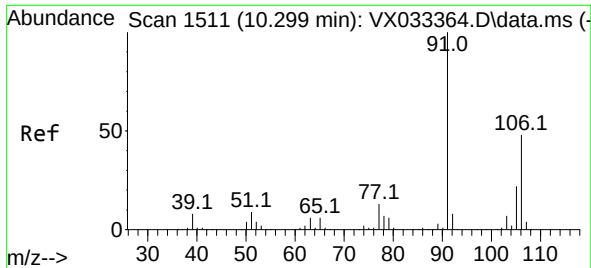
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#66
Ethyl Benzene
Concen: 21.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 91 Resp: 153753
Ion Ratio Lower Upper
91 100
106 32.1 24.8 37.2





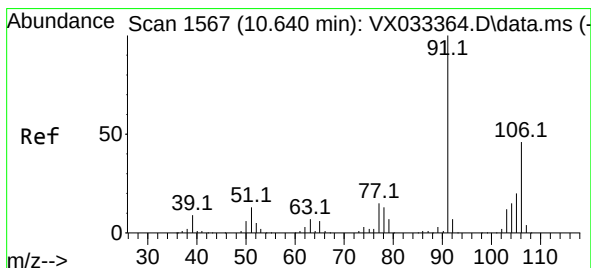
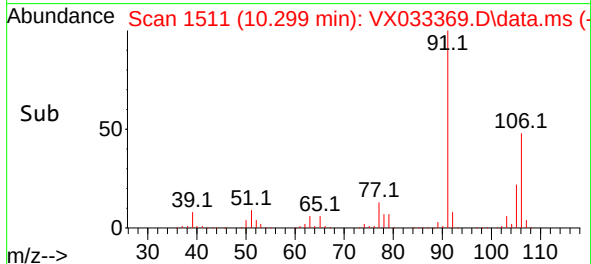
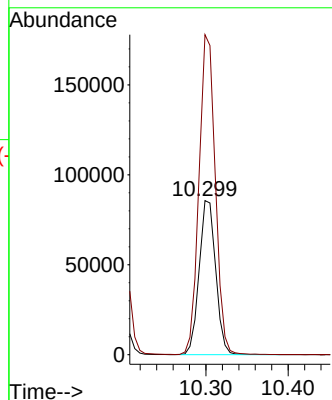
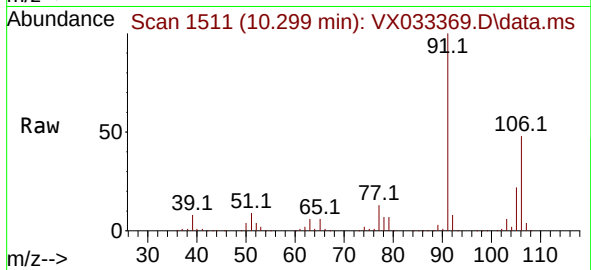
#67
m/p-Xylenes
Concen: 42.609 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX121222

Tgt Ion:106 Resp: 11981
Ion Ratio Lower Upper
106 100
91 205.1 165.4 248.2

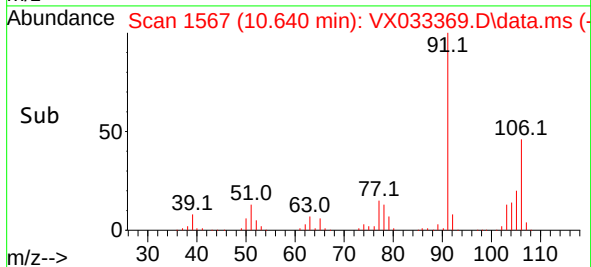
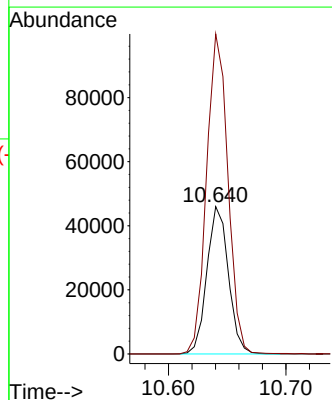
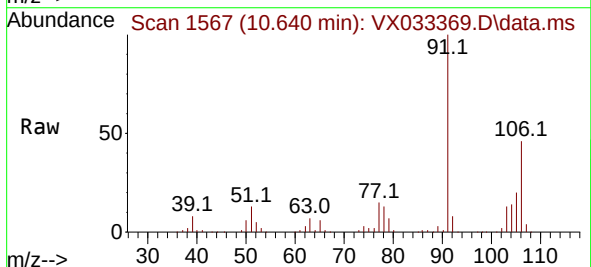
Manual Integrations
APPROVED

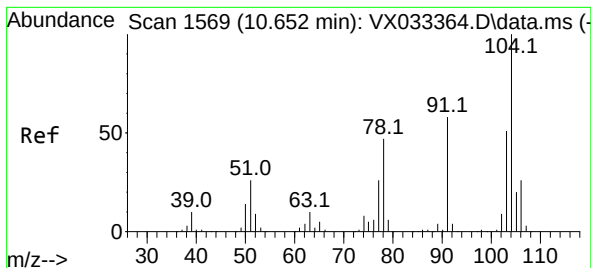
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#68
o-Xylene
Concen: 21.330 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion:106 Resp: 58439
Ion Ratio Lower Upper
106 100
91 215.6 108.0 324.0





#69

Styrene

Concen: 21.141 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX121222

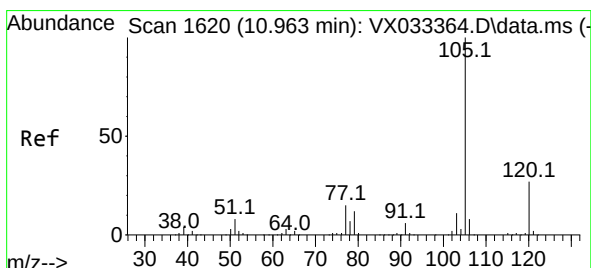
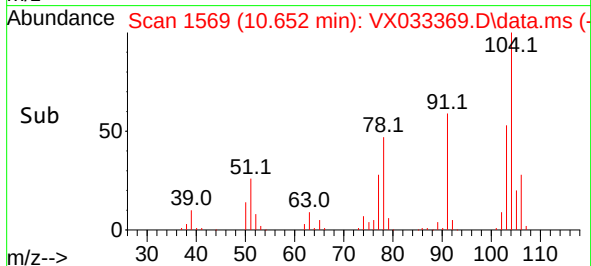
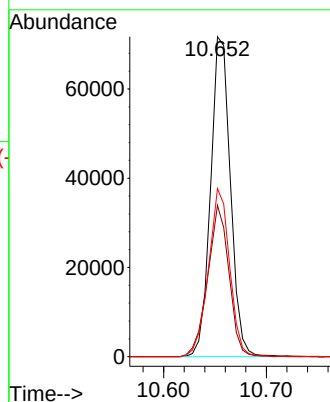
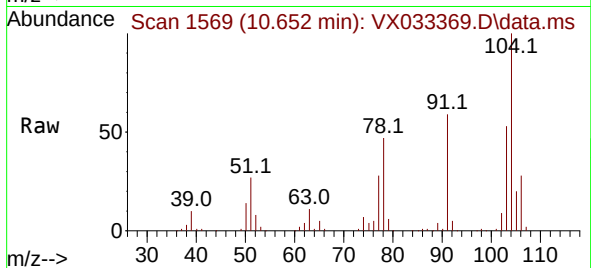
Tgt Ion:104	Resp:	96224
Ion Ratio	Lower	Upper
104	100	
78	50.6	40.0 60.0
103	56.1	43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#70

Isopropylbenzene

Concen: 21.527 ug/l

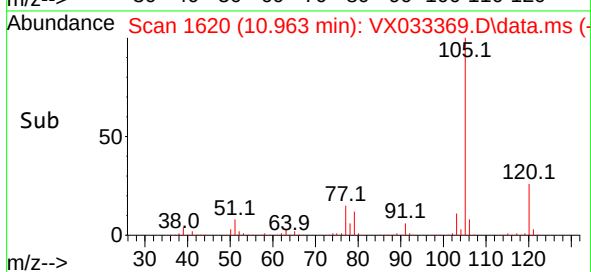
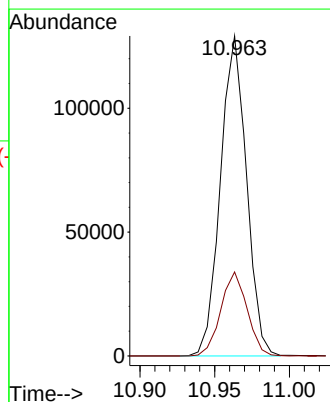
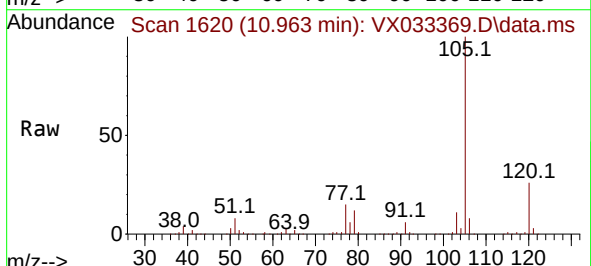
RT: 10.963 min Scan# 1620

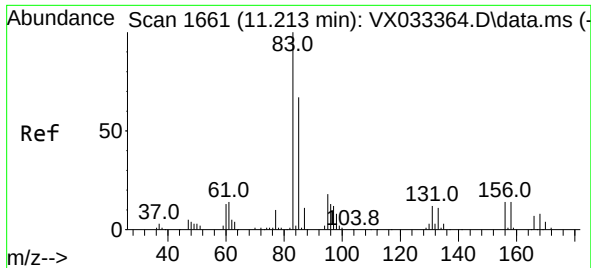
Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

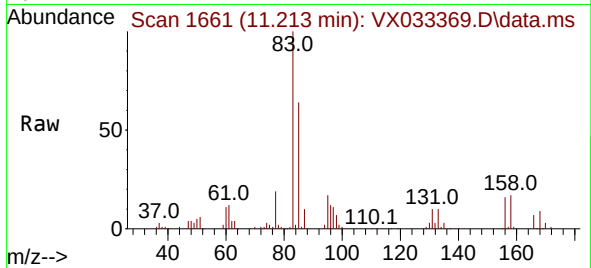
Tgt Ion:105	Resp:	156504
Ion Ratio	Lower	Upper
105	100	
120	26.5	18.1 33.7





#71
1,1,2,2-Tetrachloroethane
Concen: 21.553 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

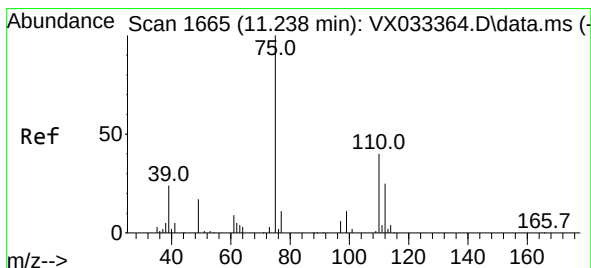
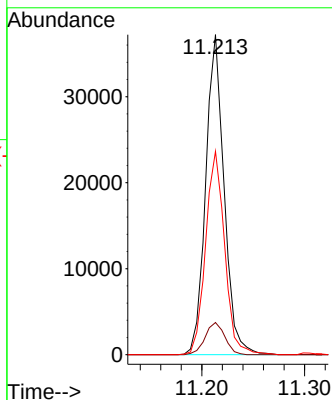
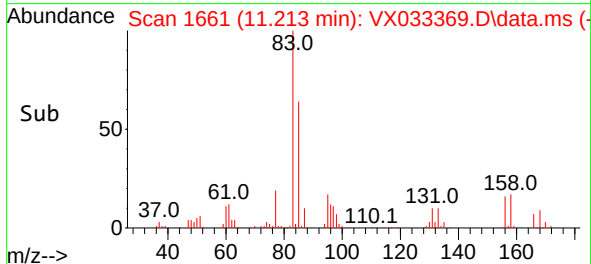
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion: 83 Resp: 4634
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.8 32.6 97.7

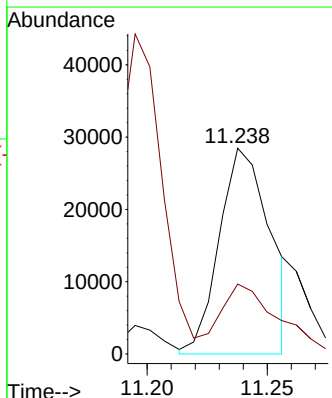
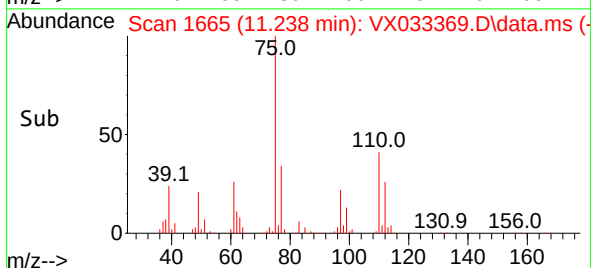
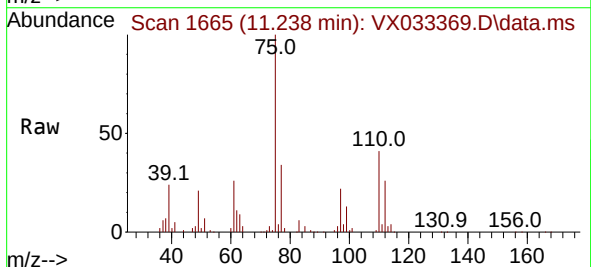
Manual Integrations
APPROVED

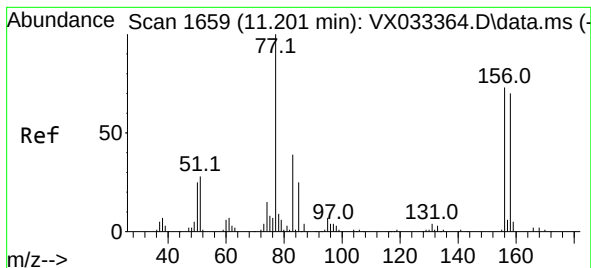
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#72
1,2,3-Trichloropropane
Concen: 21.843 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 75 Resp: 41824
Ion Ratio Lower Upper
75 100
77 39.4 0.0 74.4





#73

Bromobenzene

Concen: 21.543 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX121222

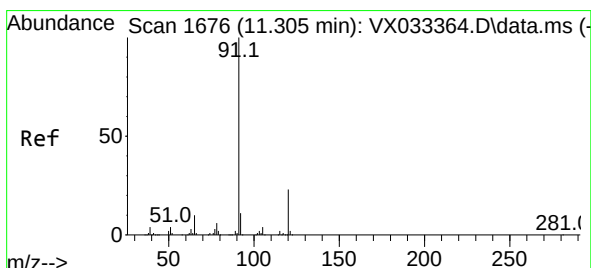
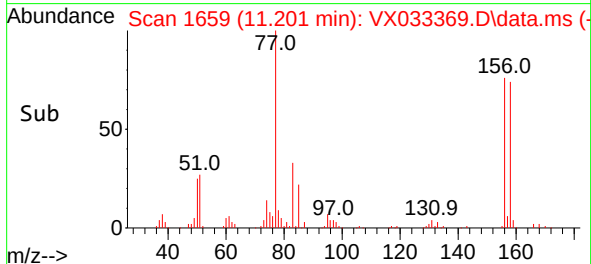
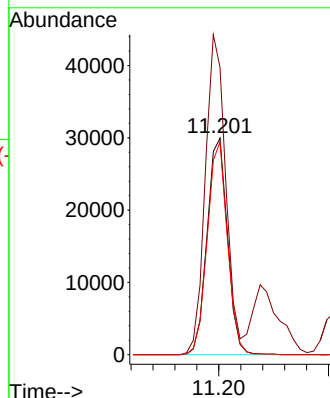
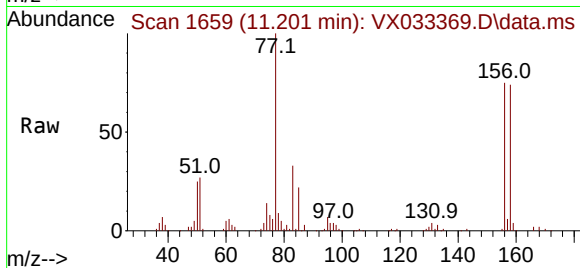
Tgt Ion:	156	Resp:	3875
Ion Ratio	Lower	Upper	
156	100		
77	146.8	0.0	298.6
158	97.1	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#74

n-propylbenzene

Concen: 21.528 ug/l

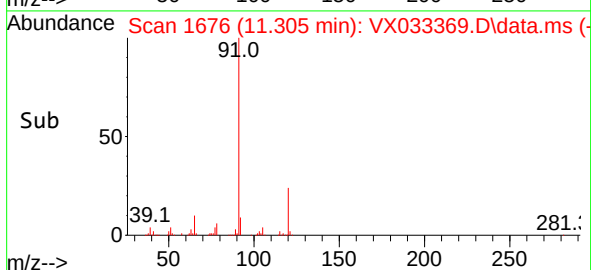
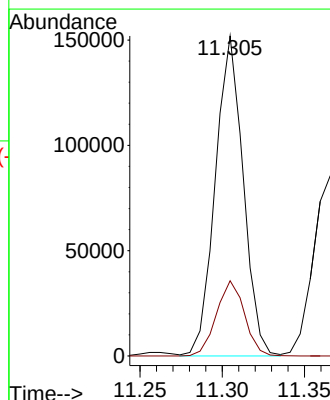
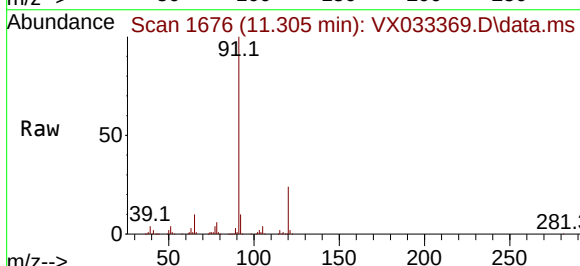
RT: 11.305 min Scan# 1676

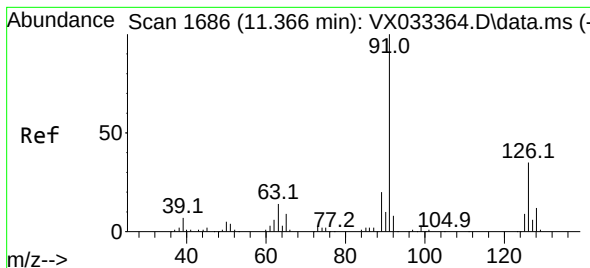
Delta R.T. -0.000 min

Lab File: VX033369.D

Acq: 12 Dec 2022 12:55

Tgt Ion:	91	Resp:	179348
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	46.4





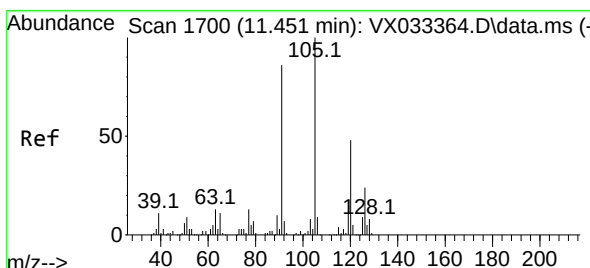
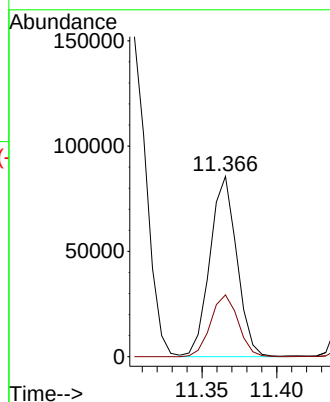
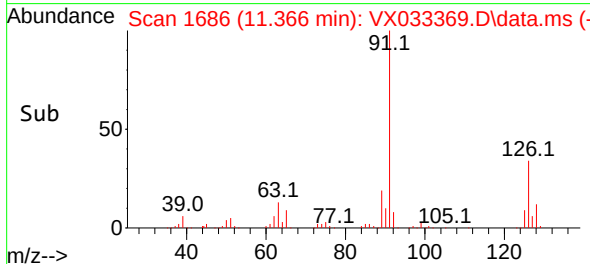
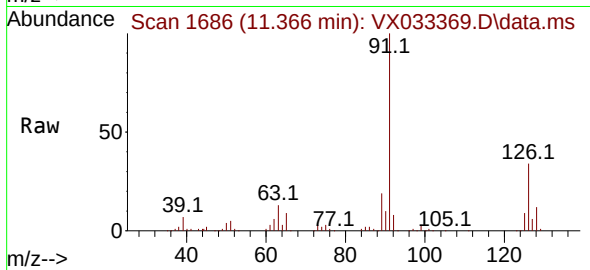
#75
2-Chlorotoluene
Concen: 21.434 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Tgt Ion: 91 Resp: 10734
Ion Ratio Lower Upper
91 100
126 34.9 0.0 68.6

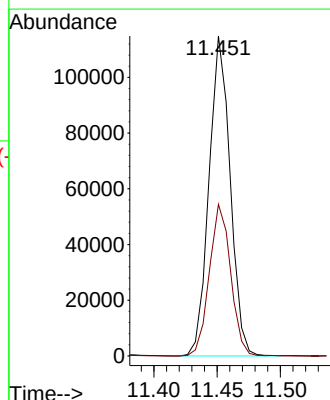
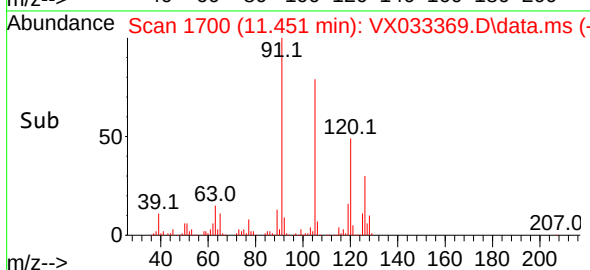
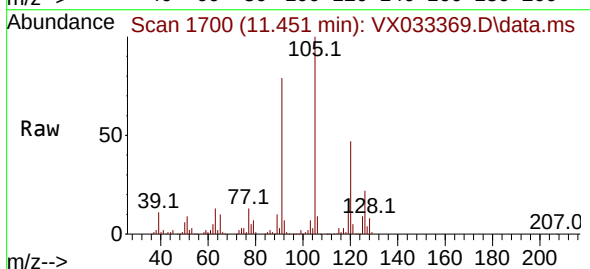
Manual Integrations
APPROVED

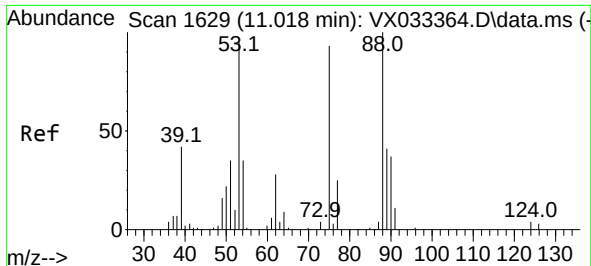
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.869 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

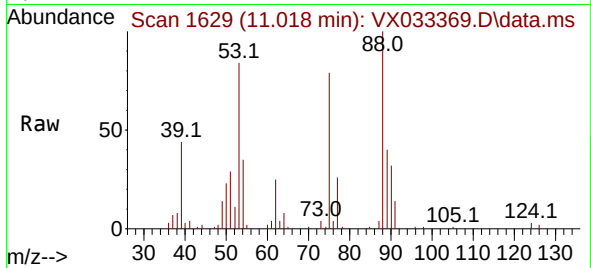
Tgt Ion:105 Resp: 133665
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.612 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

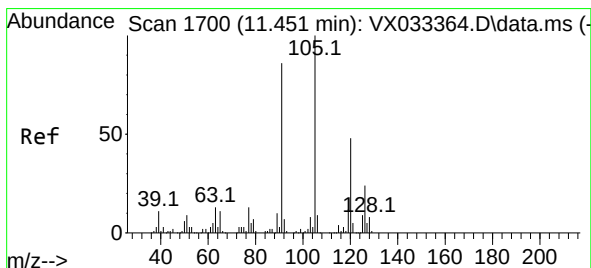
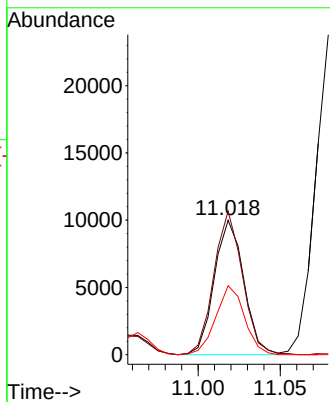
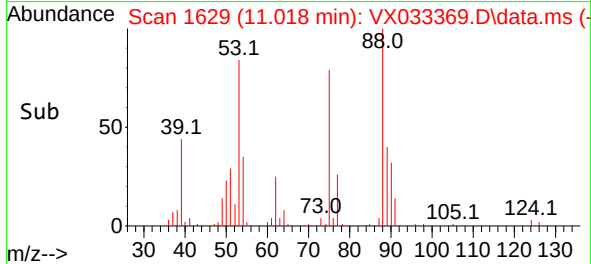
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion: 75 Resp: 12480
Ion Ratio Lower Upper
75 100
53 106.8 51.4 154.3
89 51.4 22.2 66.6

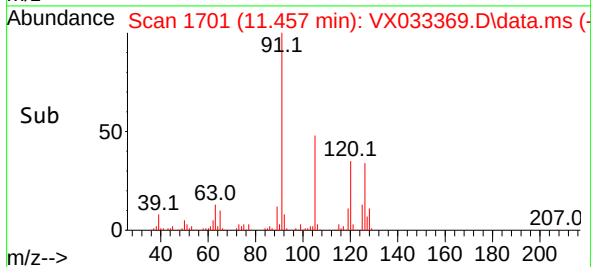
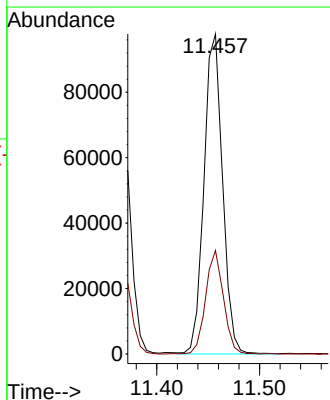
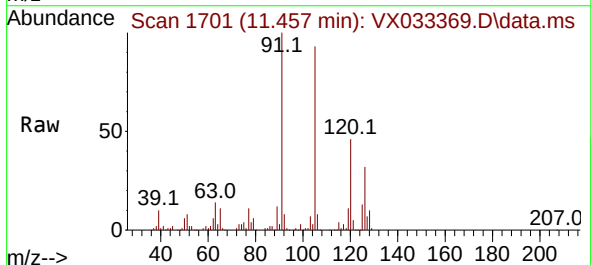
Manual Integrations
APPROVED

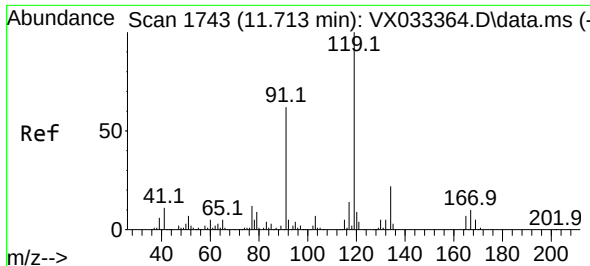
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#78
4-Chlorotoluene
Concen: 21.429 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

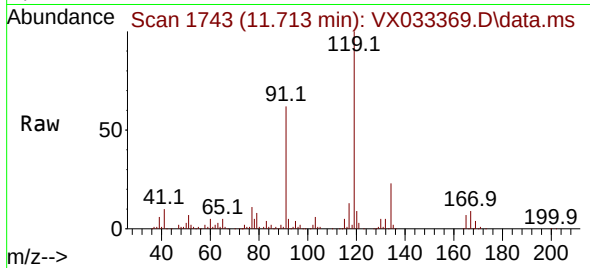
Tgt Ion: 91 Resp: 122974
Ion Ratio Lower Upper
91 100
126 30.9 0.0 59.4





#79
tert-butylbenzene
Concen: 21.672 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

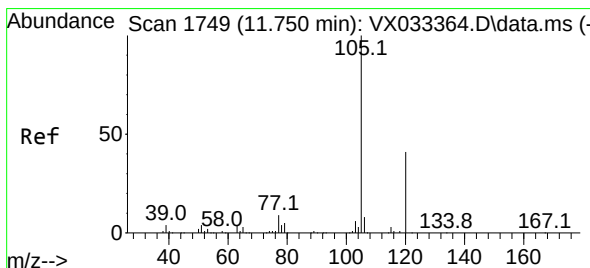
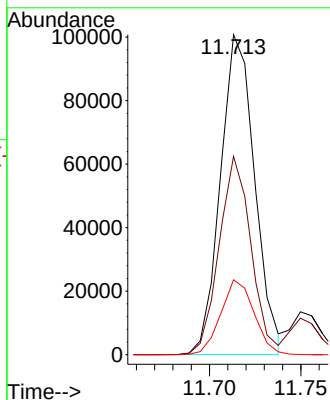
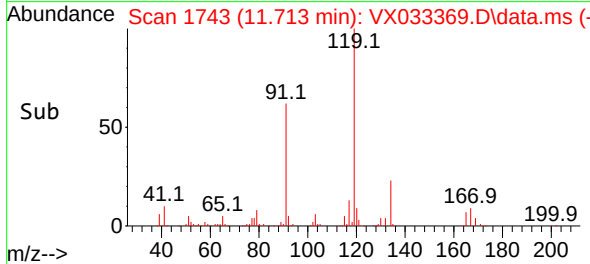
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



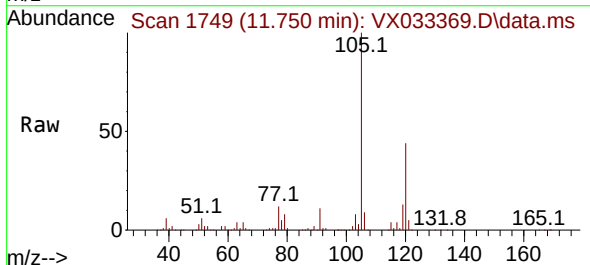
Tgt Ion:119 Resp: 131309
Ion Ratio Lower Upper
119 100
91 57.8 0.0 117.0
134 22.8 0.0 44.4

Manual Integrations
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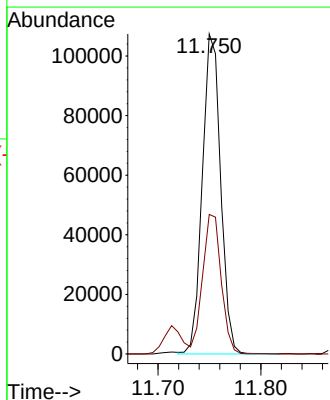
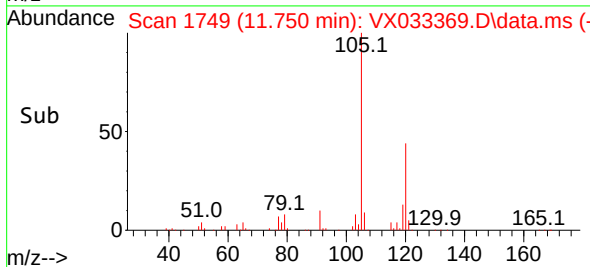
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

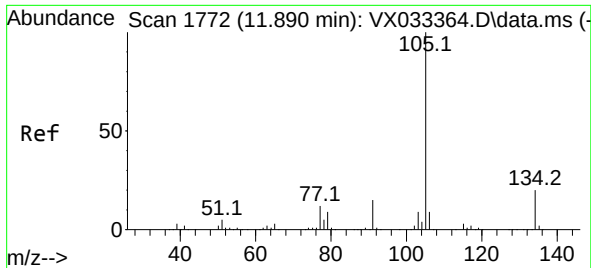


#80
1,2,4-Trimethylbenzene
Concen: 22.152 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



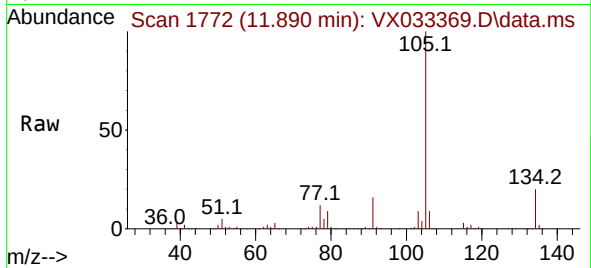
Tgt Ion:105 Resp: 133091
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 21.700 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033369.D
 Acq: 12 Dec 2022 12:55

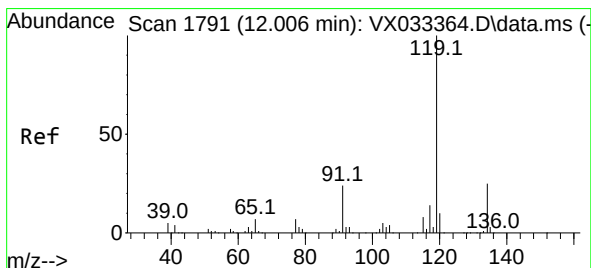
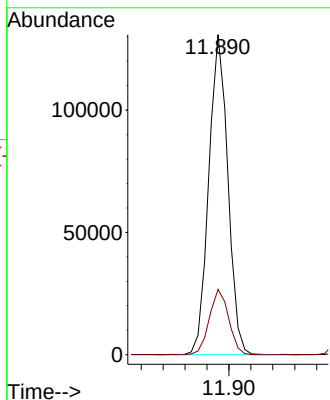
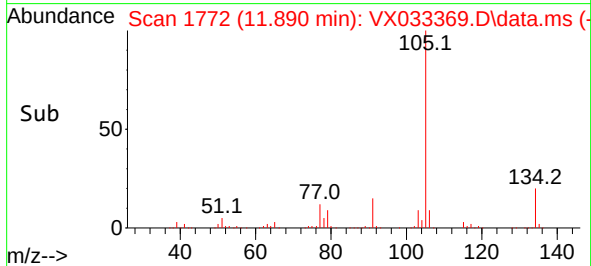
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121222



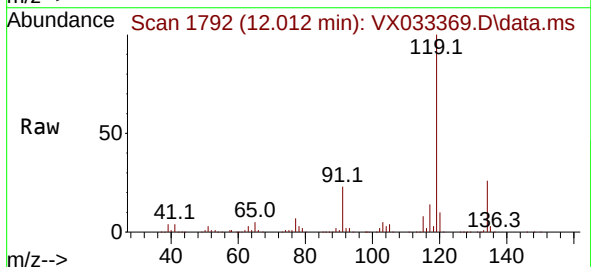
Tgt Ion:105 Resp: 158018
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.8

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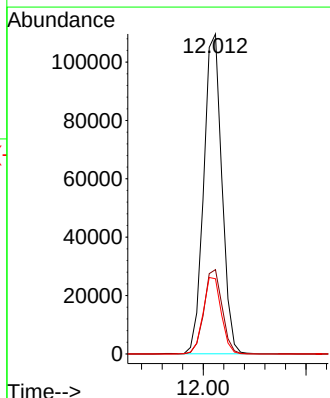
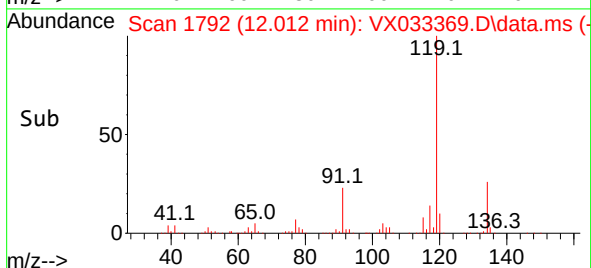
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

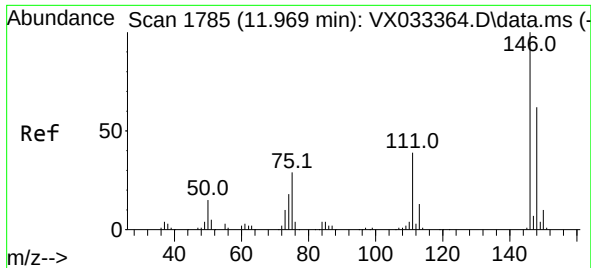


#82
 p-Isopropyltoluene
 Concen: 21.655 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX033369.D
 Acq: 12 Dec 2022 12:55



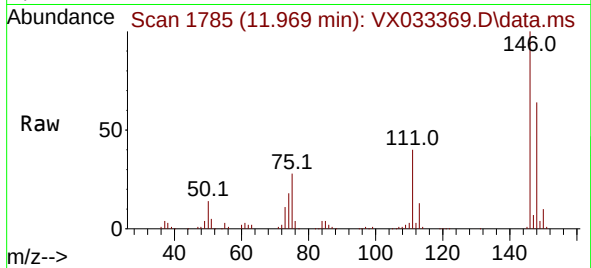
Tgt Ion:119 Resp: 134483
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 24.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 21.851 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

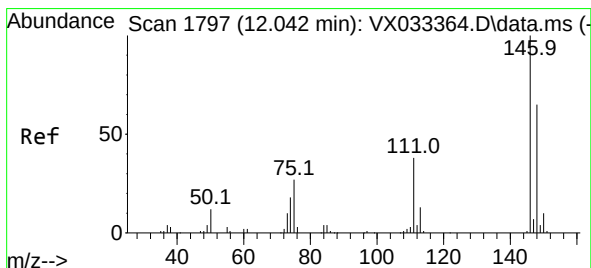
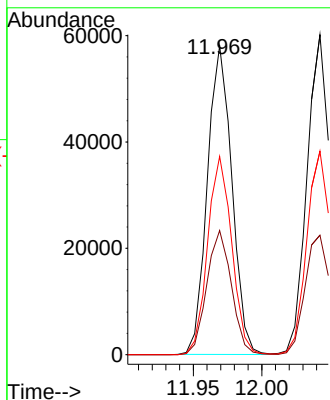
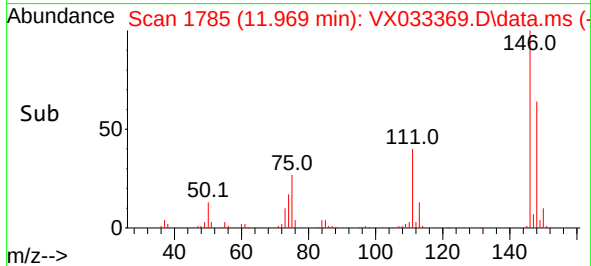
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



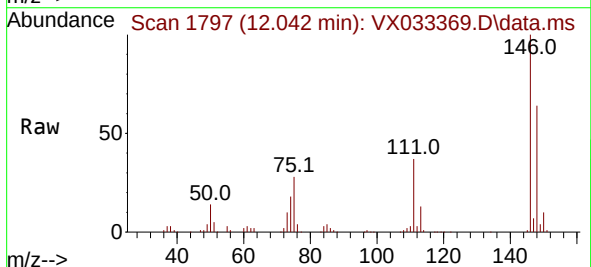
Tgt Ion:146 Resp: 72340
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.3
148 63.2 31.3 93.9

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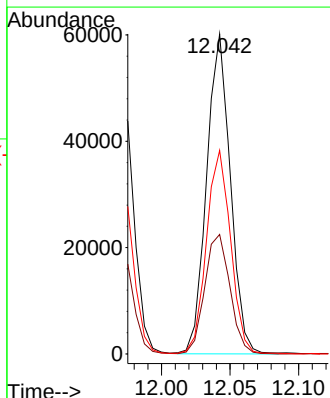
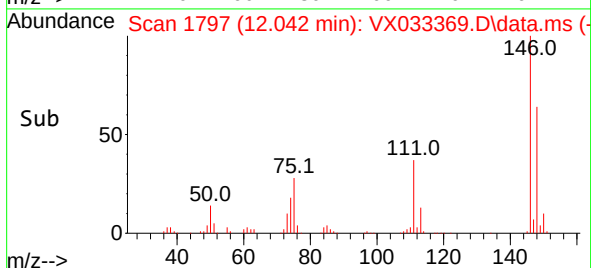
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

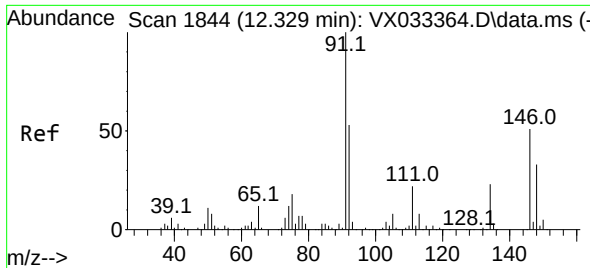


#84
1,4-Dichlorobenzene
Concen: 21.761 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



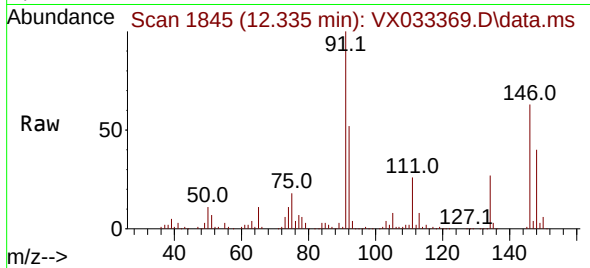
Tgt Ion:146 Resp: 72520
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 65.0 32.2 96.6





#85
n-Butylbenzene
Concen: 21.540 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

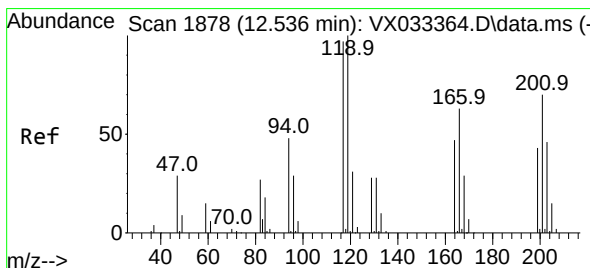
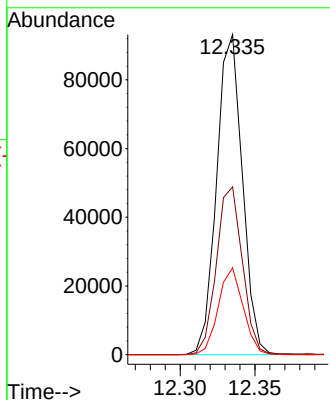
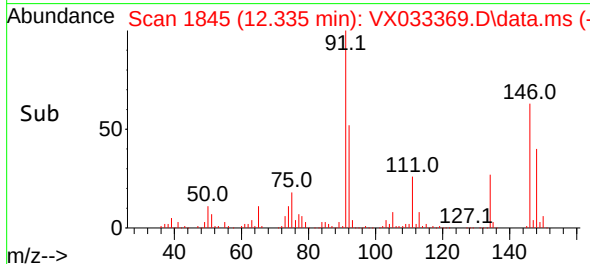
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222



Tgt Ion: 91 Resp: 11165
Ion Ratio Lower Upper
91 100
92 52.8 0.0 106.8
134 26.2 0.0 51.8

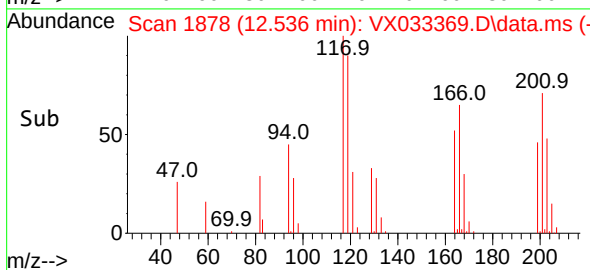
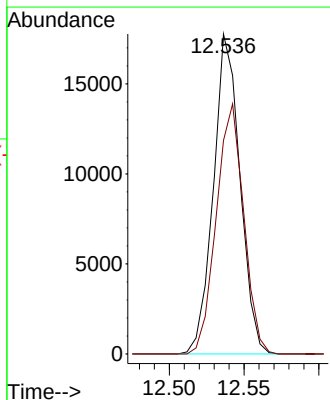
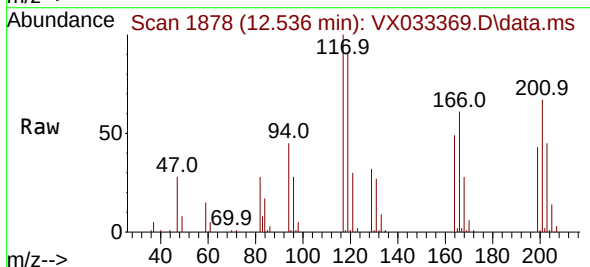
Manual Integrations
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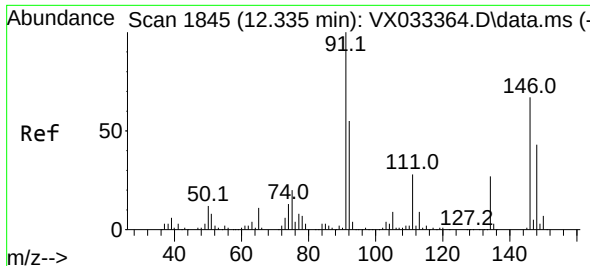
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#86
Hexachloroethane
Concen: 19.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

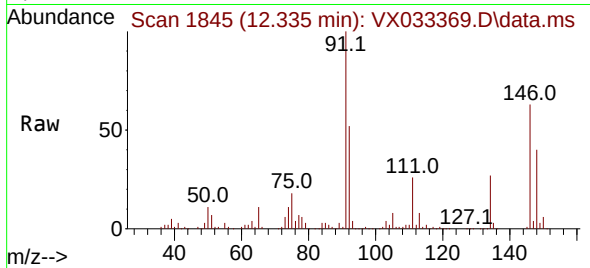
Tgt Ion:117 Resp: 21929
Ion Ratio Lower Upper
117 100
201 80.7 40.4 121.2





#87
1,2-Dichlorobenzene
Concen: 21.724 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

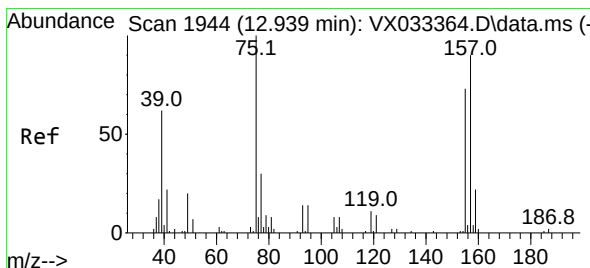
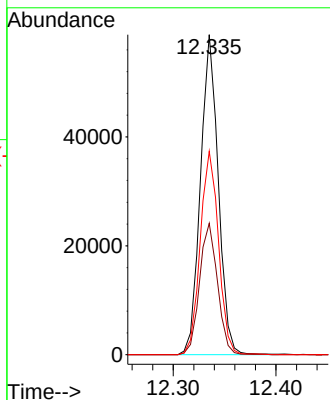
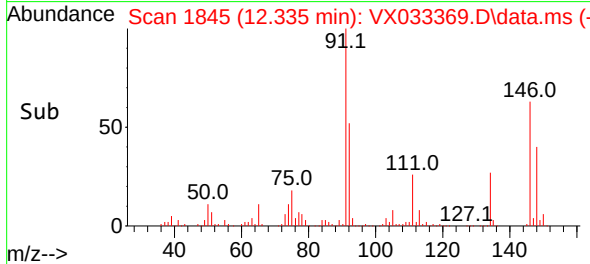
Instrument :
MSVOA_X
ClientSampleId :
ICVX121222



Tgt Ion:146 Resp: 7087
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 65.2 31.9 95.5

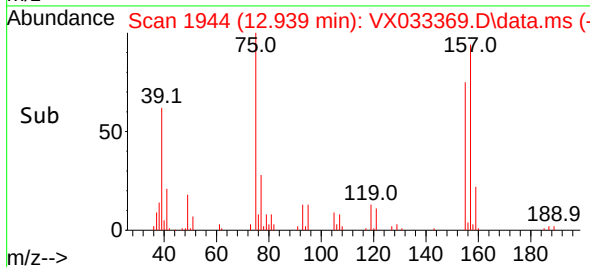
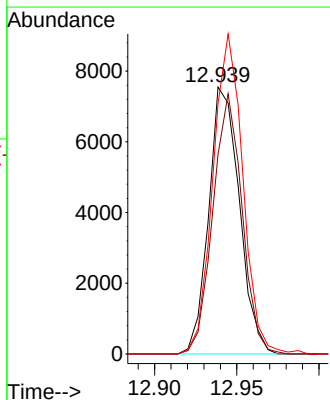
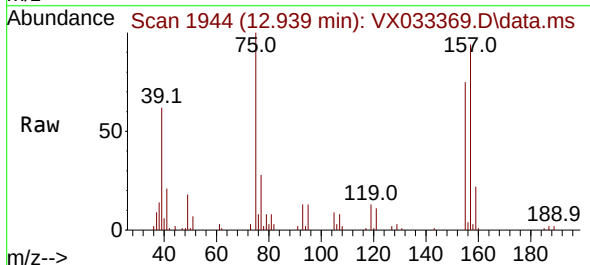
Manual Integrations
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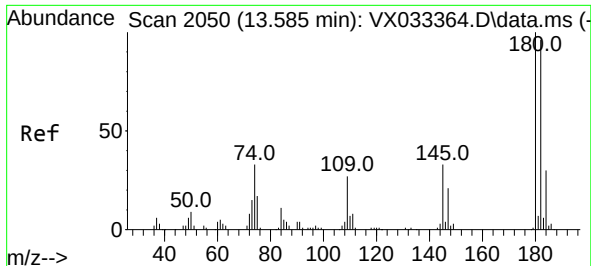
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.926 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Tgt Ion: 75 Resp: 9803
Ion Ratio Lower Upper
75 100
155 92.2 69.6 104.4
157 116.4 84.8 127.2





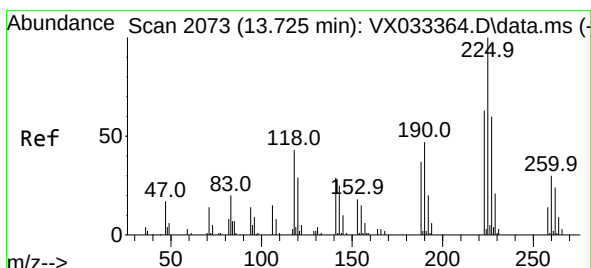
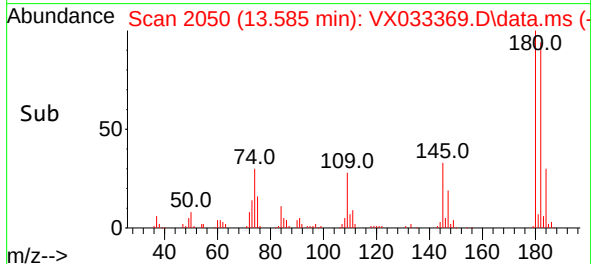
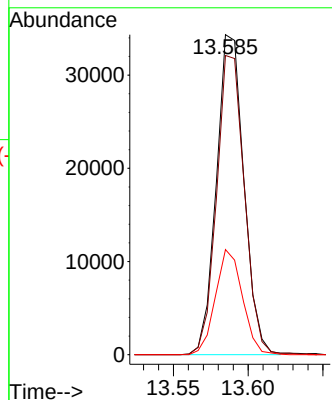
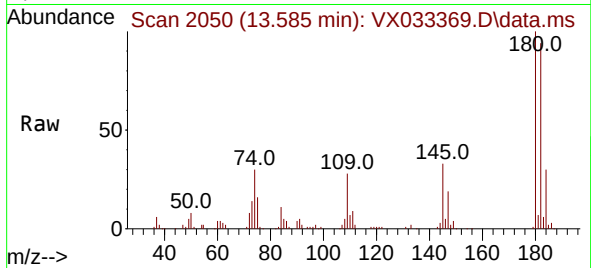
#89
1,2,4-Trichlorobenzene
Concen: 21.829 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121222

Tgt Ion:180 Resp: 4399
Ion Ratio Lower Upper
180 100
182 94.3 78.4 117.6
145 32.2 25.4 38.2

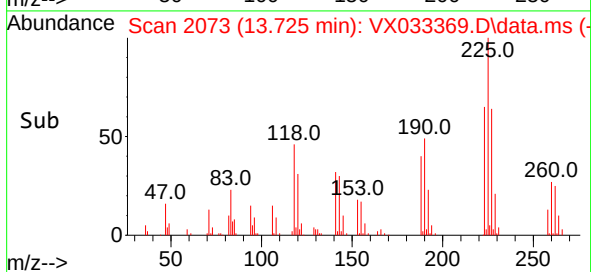
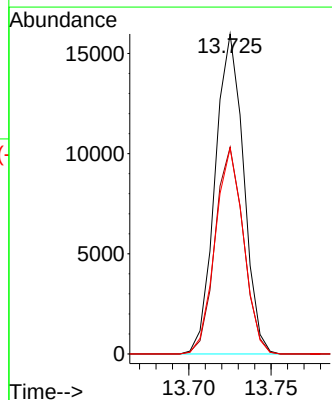
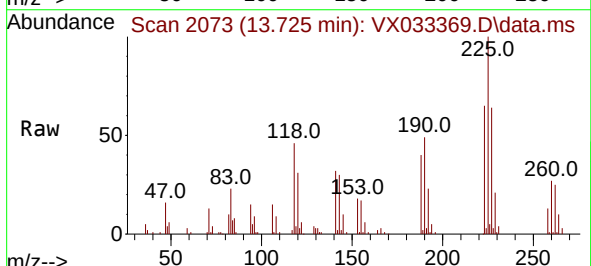
Manual Integrations
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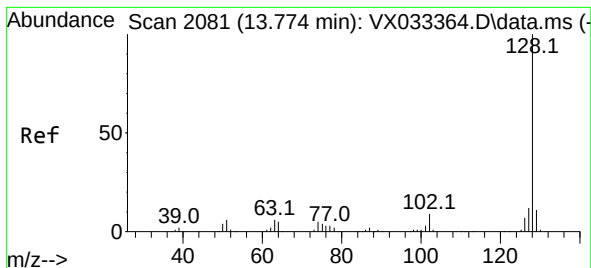
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachlorobutadiene
Concen: 22.496 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

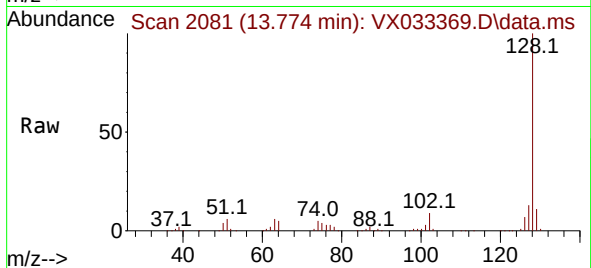
Tgt Ion:225 Resp: 19237
Ion Ratio Lower Upper
225 100
223 64.3 0.0 125.6
227 64.0 0.0 125.4





#91
Naphthalene
Concen: 21.913 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55

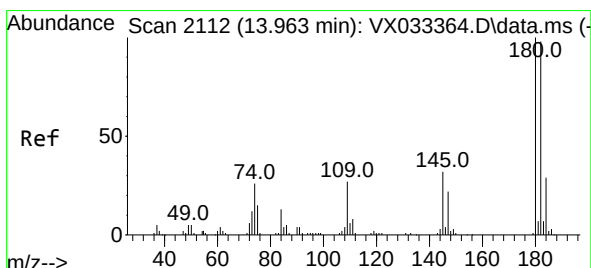
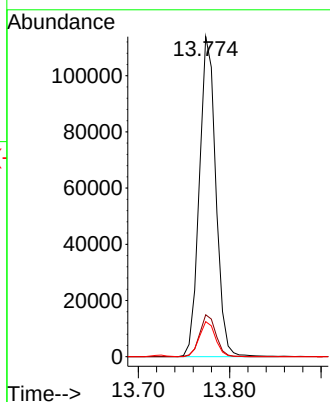
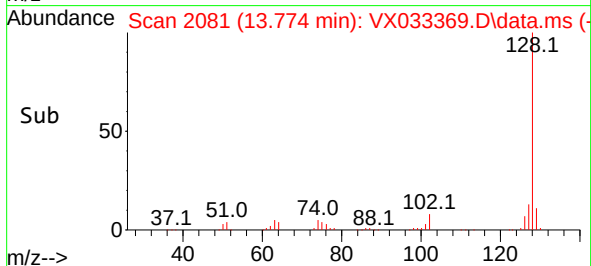
Instrument : MSVOA_X
ClientSampleId : ICVVX121222



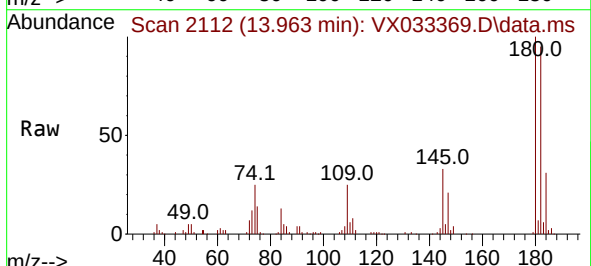
Tgt Ion:128 Resp: 142923
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.8 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.635 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033369.D
Acq: 12 Dec 2022 12:55



Tgt Ion:180 Resp: 43664
Ion Ratio Lower Upper
180 100
182 96.0 0.0 194.2
145 34.3 0.0 68.0

