

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035809.D
 Acq On : 23 May 2023 12:41
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052323

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 05:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	37133	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	202808	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	185716	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	88832	28.791	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.967%		
60) 4-Bromofluorobenzene	11.079	95	90958	29.188	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.300%		
63) Toluene-d8	8.647	98	250356	30.493	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.633%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	39970	21.049	ug/l	99
3) Chloromethane	1.294	50	46087	19.784	ug/l	100
4) Vinyl Chloride	1.374	62	42866	19.581	ug/l	97
5) Bromomethane	1.617	94	27044	18.363	ug/l	97
6) Chloroethane	1.691	64	26294	19.051	ug/l	100
7) Trichlorofluoromethane	1.886	101	68005	20.491	ug/l	97
8) Diethyl Ether	2.130	74	26799	19.422	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	38899	21.785	ug/l	98
10) 1,1-Dichloroethene	2.319	96	36789	19.764	ug/l	98
11) Methyl Iodide	2.453	142	40138	17.850	ug/l	98
12) Methyl Acetate	2.709	43	104535	19.875	ug/l	100
13) Acrolein	2.239	56	38629	92.909	ug/l	100
14) Acrylonitrile	3.068	53	129368	98.116	ug/l	99
15) Acetone	2.404	58	36220	91.840	ug/l	96
16) Carbon Disulfide	2.508	76	76770	19.004	ug/l	99
17) Allyl chloride	2.660	41	72093	19.198	ug/l	99
18) Methylene Chloride	2.788	84	46602	19.225	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	41415	19.737	ug/l	93
20) Diisopropyl ether	3.751	45	160367	19.782	ug/l	92
21) 1,1-Dichloroethane	3.605	63	82111	19.324	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	51081	19.673	ug/l	95
23) tert-Butyl Alcohol	3.044	59	52586m	109.259	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	147732	19.692	ug/l	96
25) Chloroform	5.086	83	82940	19.021	ug/l	97
26) Cyclohexane	5.464	56	67869	21.119	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	60350	21.369	ug/l	98
30) 2-Butanone	4.568	43	187044	101.174	ug/l	100
31) 2,2-Dichloropropane	4.471	77	57826	19.058	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	65956	19.999	ug/l	99
33) Carbon Tetrachloride	5.672	117	52531	20.171	ug/l	93
34) Benzene	6.037	78	182112	20.440	ug/l	97
35) Methacrylonitrile	4.916	41	39118	19.829	ug/l	97
36) 1,2-Dichloroethane	6.080	62	70781	20.413	ug/l	99
37) Trichloroethene	7.123	130	45427	20.284	ug/l	96
38) Methylcyclohexane	7.379	83	71026	22.932	ug/l	97
39) 1,2-Dichloropropane	7.427	63	47461	19.791	ug/l	98
40) Dibromomethane	7.580	93	33235	20.491	ug/l	97
41) Bromodichloromethane	7.818	83	56518	19.275	ug/l	99
42) Vinyl Acetate	3.721	43	554127	102.041	ug/l	100

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Instrument :
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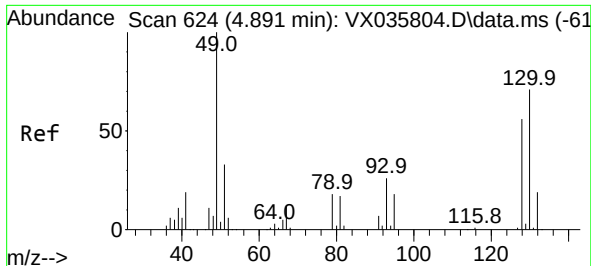
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 Supervised By : Mahesh Dadoda 05/25/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	71252	20.209	ug/l	100
44) Isopropyl Acetate	6.336	43	116705	20.307	ug/l	97
45) 1,4-Dioxane	7.744	88	25081m	459.472	ug/l	
46) Methyl methacrylate	7.690	41	56066	20.190	ug/l	96
47) n-amyl Acetate	10.841	43	96434	19.977	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	61008	18.807	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	68180	19.045	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	46602	20.083	ug/l	97
51) Ethyl methacrylate	9.116	69	72007	20.130	ug/l	98
52) 1,3-Dichloropropane	9.305	76	82664	20.442	ug/l	98
53) Dibromochloromethane	9.518	129	39913	18.756	ug/l	99
54) 1,2-Dibromoethane	9.610	107	48016	19.917	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	203390	107.146	ug/l	99
56) Bromoform	10.799	173	25280	18.325	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	367347	101.835	ug/l	100
59) 2-Hexanone	9.427	43	276303	101.795	ug/l	100
61) Tetrachloroethene	9.275	164	37184	20.790	ug/l	96
62) Toluene	8.714	91	191482	20.021	ug/l	99
64) Chlorobenzene	10.079	112	118223	19.518	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	40661	19.202	ug/l	98
66) Ethyl Benzene	10.189	91	214107	20.017	ug/l	100
67) m/p-Xylenes	10.299	106	163469	40.377	ug/l	97
68) o-Xylene	10.640	106	80840	19.962	ug/l	98
69) Styrene	10.652	104	132200	19.780	ug/l	99
70) Isopropylbenzene	10.963	105	209678	20.285	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	73141	19.977	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	66764m	20.938	ug/l	
73) Bromobenzene	11.195	156	48892	19.469	ug/l	96
74) n-propylbenzene	11.305	91	251520	20.414	ug/l	100
75) 2-Chlorotoluene	11.366	91	151553	20.025	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	177566	20.226	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	16188	16.829	ug/l	92
78) 4-Chlorotoluene	11.451	91	168352	19.526	ug/l	97
79) tert-butylbenzene	11.713	119	171422	20.226	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	176365	19.990	ug/l	99
81) sec-Butylbenzene	11.890	105	222052	20.752	ug/l	99
82) p-Isopropyltoluene	12.006	119	184001	20.670	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	94529	19.889	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	96564	20.242	ug/l	98
85) n-Butylbenzene	12.329	91	162001	20.456	ug/l	99
86) Hexachloroethane	12.536	117	25357	18.088	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	95432	20.493	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	12862	18.381	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	57653	20.658	ug/l	98
90) Hexachlorobutadiene	13.725	225	22365	21.739	ug/l	97
91) Naphthalene	13.774	128	197126	20.411	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	56906	20.422	ug/l	98

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



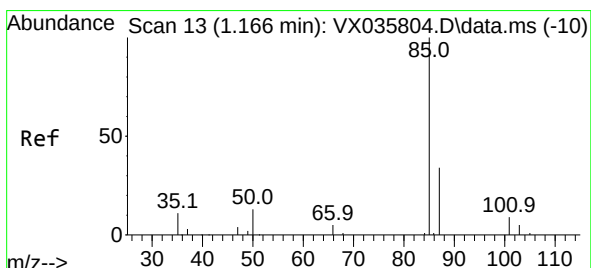
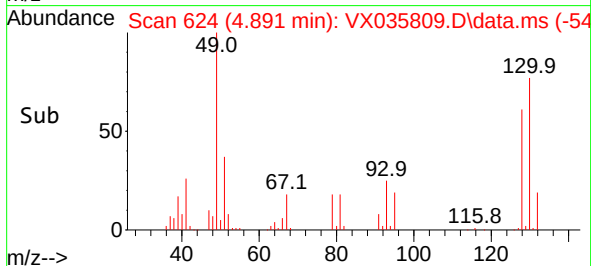
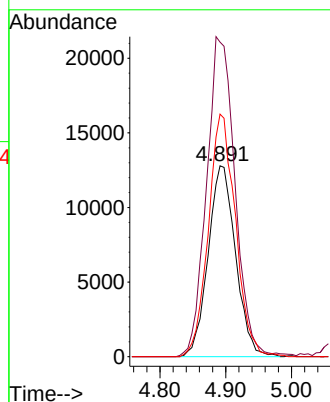
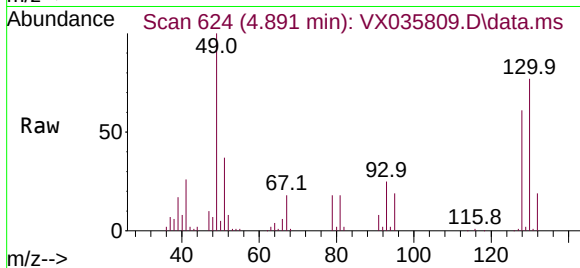
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion:128 Resp: 3713
Ion Ratio Lower Upper
128 100
49 173.2 0.0 428.8
130 125.4 0.0 310.8

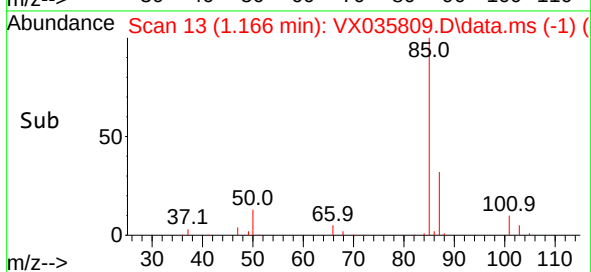
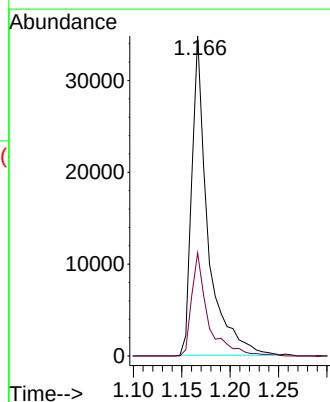
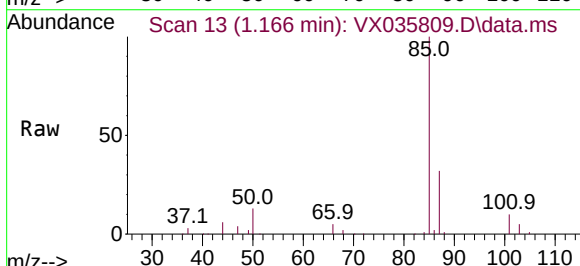
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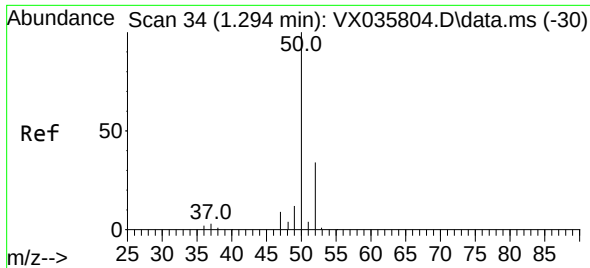
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 21.049 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

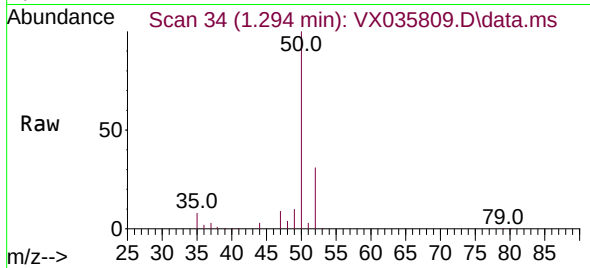
Tgt Ion: 85 Resp: 39970
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0





#3
Chloromethane
Concen: 19.784 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

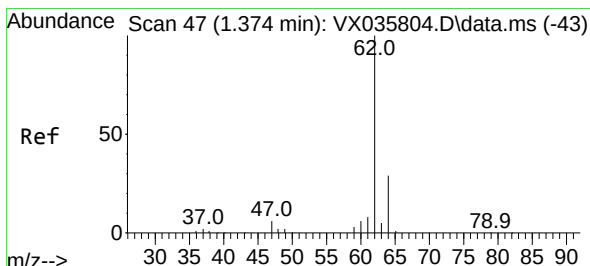
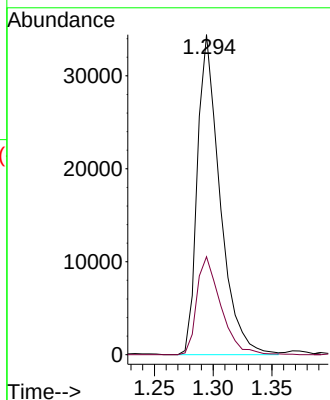
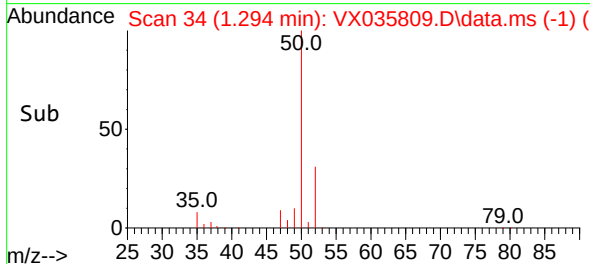
Instrument : MSVOA_X
ClientSampleId : ICVVX052323



Tgt Ion: 50 Resp: 4608
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8

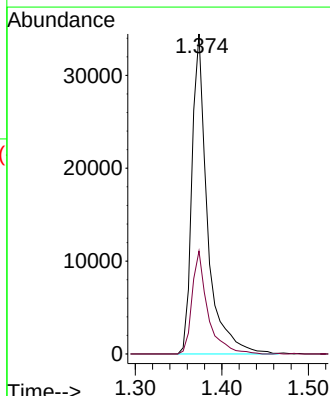
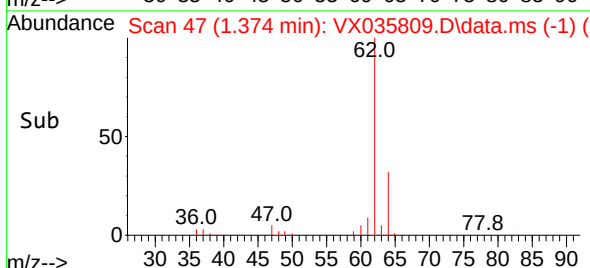
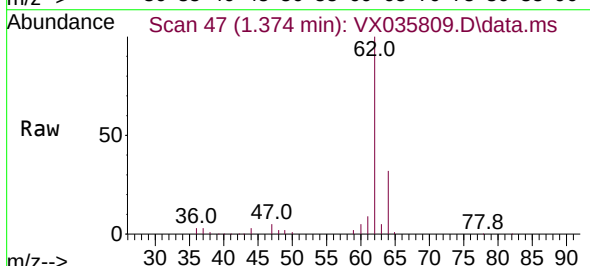
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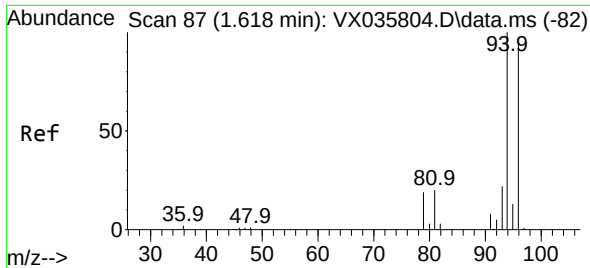
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 19.581 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

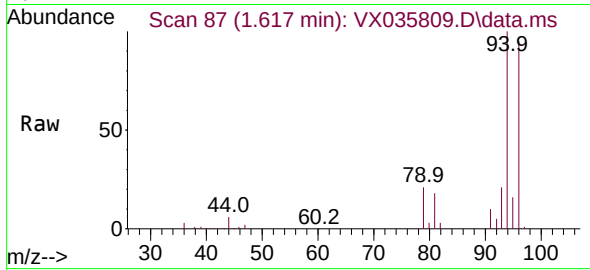
Tgt Ion: 62 Resp: 42866
Ion Ratio Lower Upper
62 100
64 32.1 26.9 40.3





#5
Bromomethane
Concen: 18.363 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

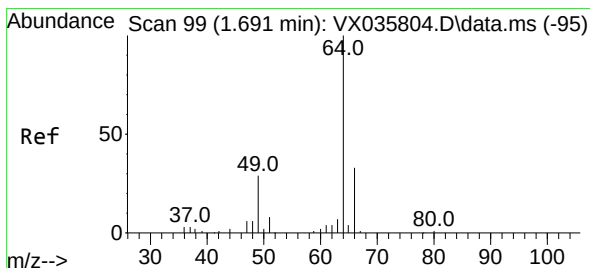
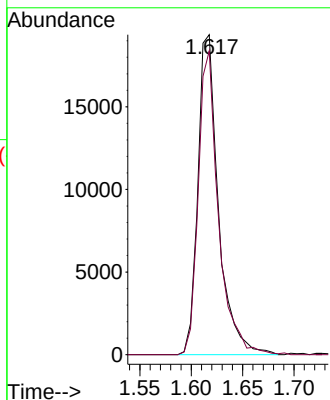
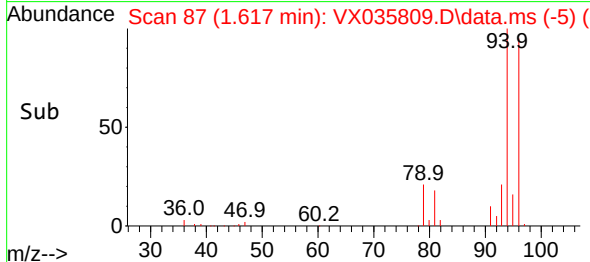
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion: 94 Resp: 27044
Ion Ratio Lower Upper
94 100
96 95.0 73.4 110.0

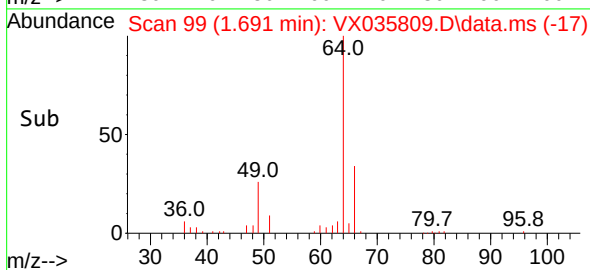
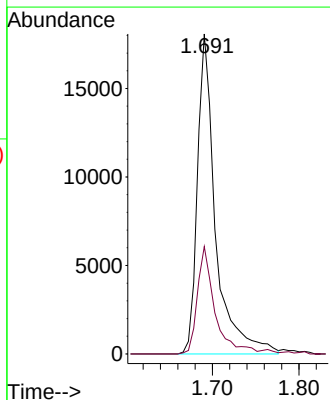
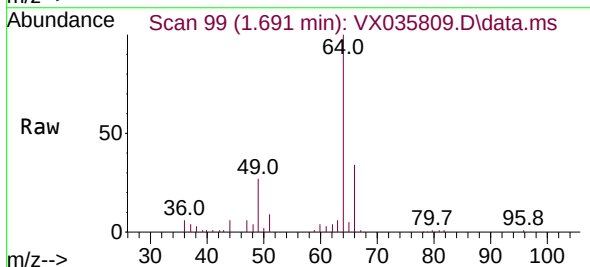
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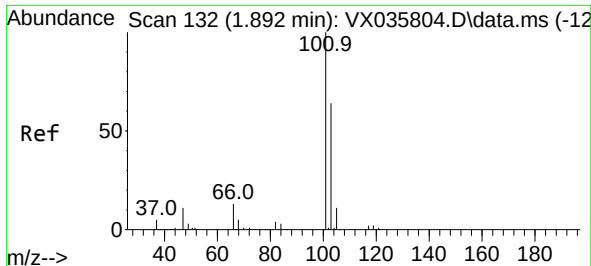
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 19.051 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 64 Resp: 26294
Ion Ratio Lower Upper
64 100
66 33.6 26.6 40.0





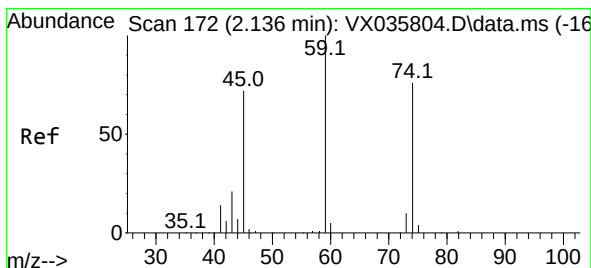
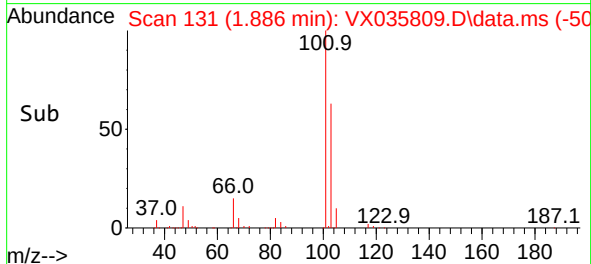
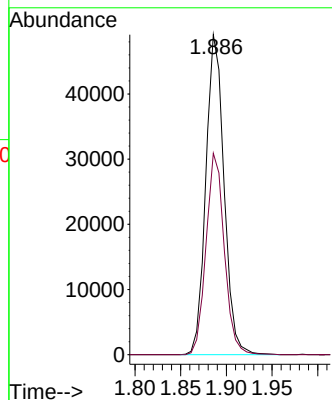
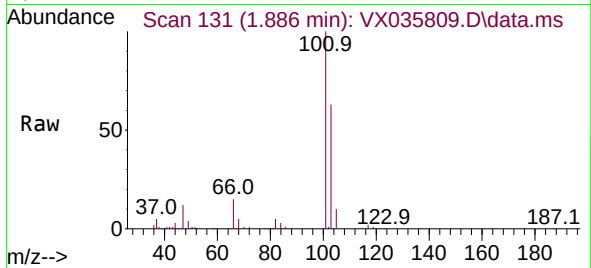
#7
Trichlorofluoromethane
Concen: 20.491 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion:101 Resp: 6800
Ion Ratio Lower Upper
101 100
103 63.0 52.1 78.1

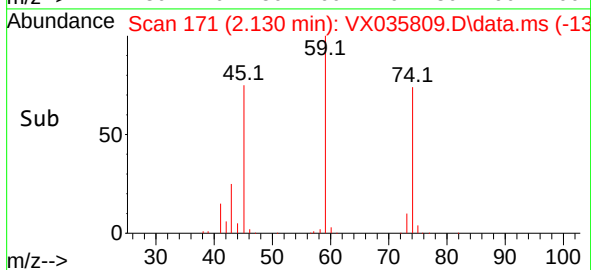
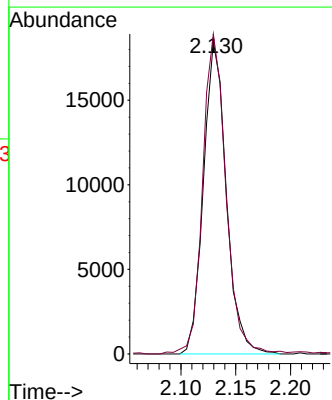
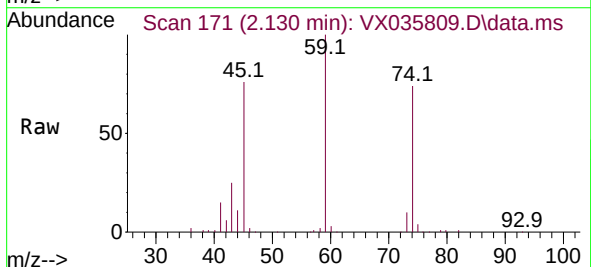
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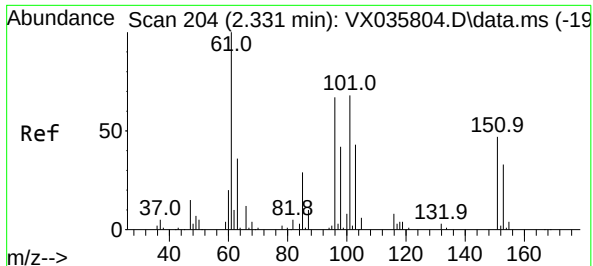
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 19.422 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 74 Resp: 26799
Ion Ratio Lower Upper
74 100
45 103.6 20.5 184.5





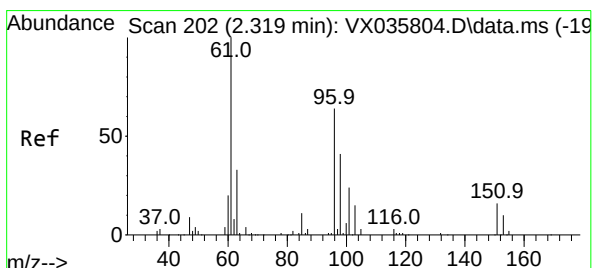
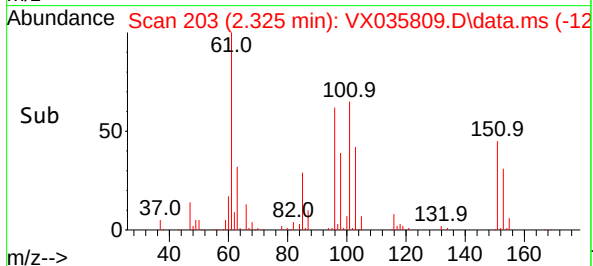
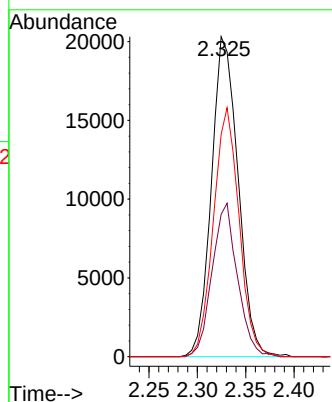
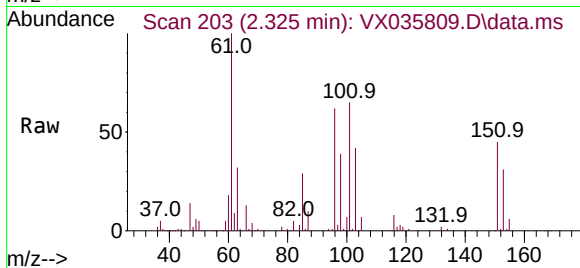
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1,1,2-Trichlorotrifluoroethane
Concen: 21.785 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion:101 Resp: 3889
Ion Ratio Lower Upper
101 100
85 45.6 0.0 88.8
151 74.9 0.0 147.6

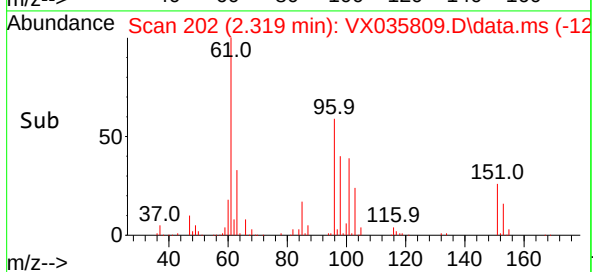
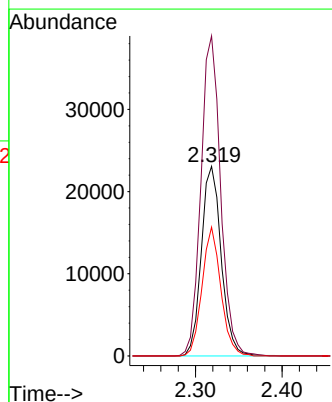
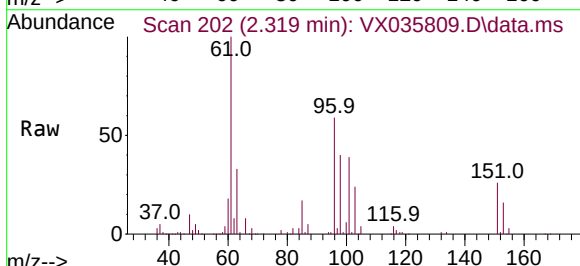
Manual Integrations
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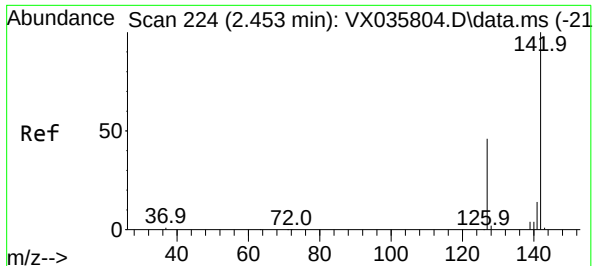
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 19.764 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 96 Resp: 36789
Ion Ratio Lower Upper
96 100
61 168.8 135.8 203.6
98 67.9 49.8 74.6





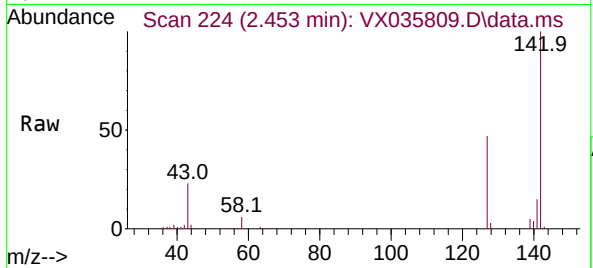
#11
Methyl Iodide
Concen: 17.850 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323



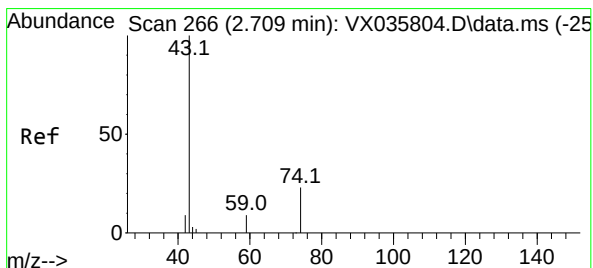
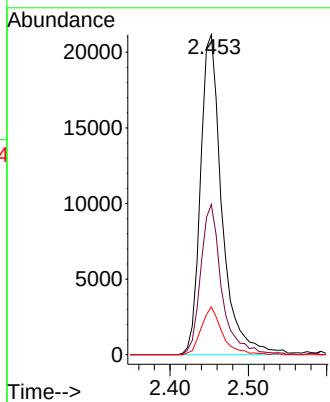
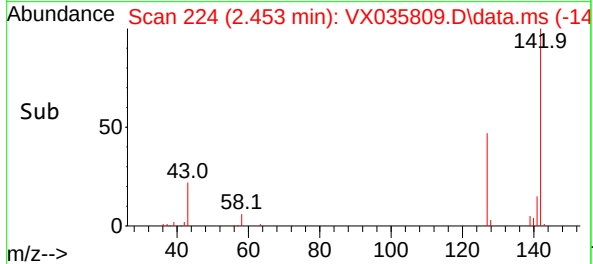
Tgt Ion:142 Resp: 40138
Ion Ratio Lower Upper
142 100
127 46.9 24.5 73.5
141 14.9 7.6 22.8

Manual Integrations

APPROVED

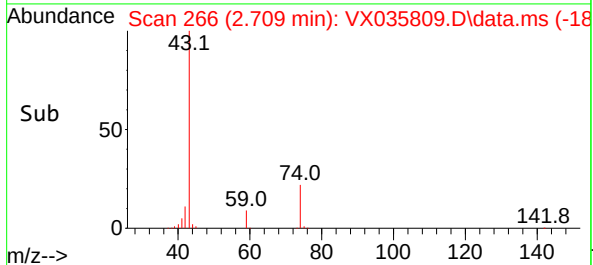
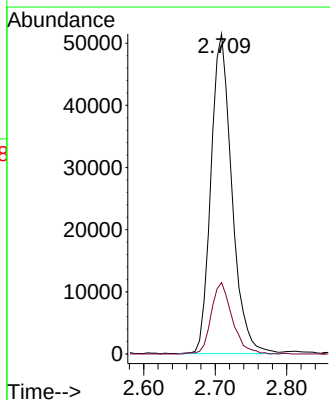
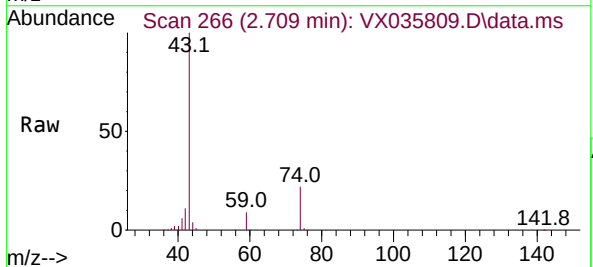
Reviewed By :John Carlone 05/25/2023

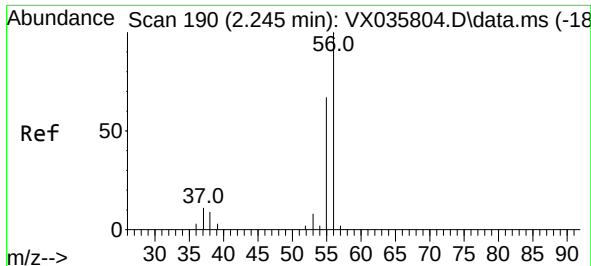
Supervised By :Mahesh Dadoda 05/25/2023



#12
Methyl Acetate
Concen: 19.875 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 43 Resp: 104535
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0





#13

Acrolein

Concen: 92.909 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

Tgt Ion: 56 Resp: 38629

Ion Ratio Lower Upper

56 100

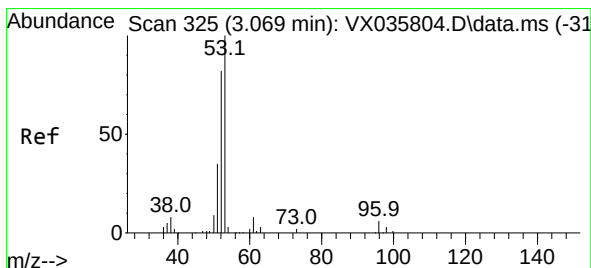
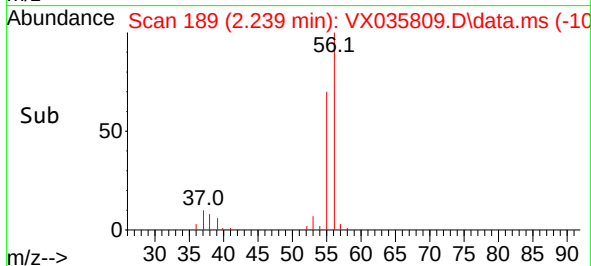
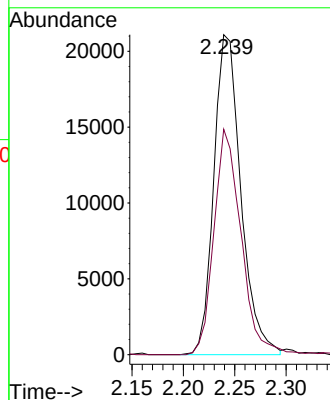
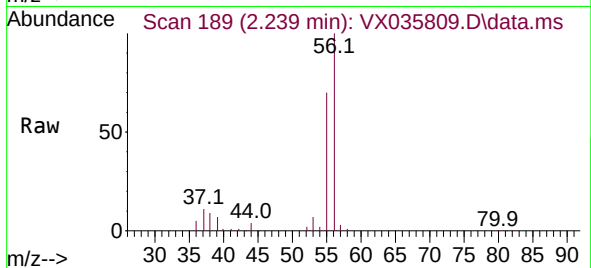
55 70.6 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#14

Acrylonitrile

Concen: 98.116 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

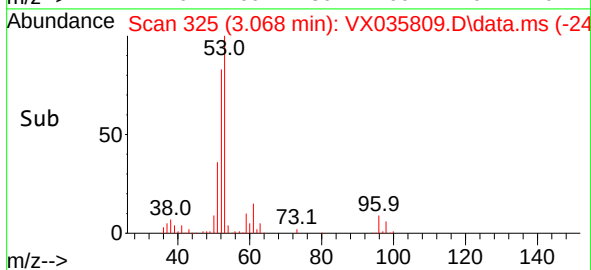
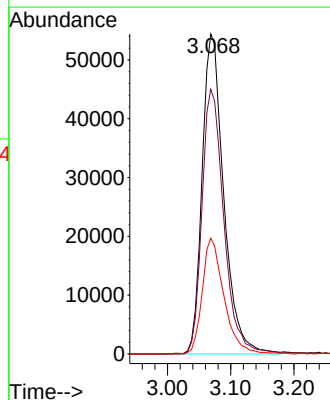
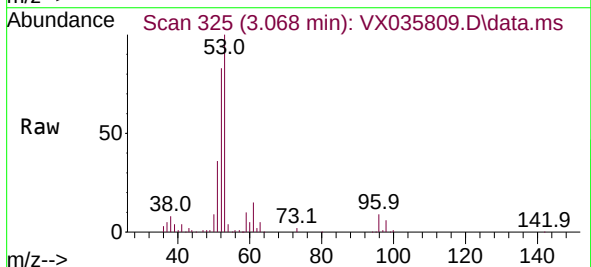
Tgt Ion: 53 Resp: 129368

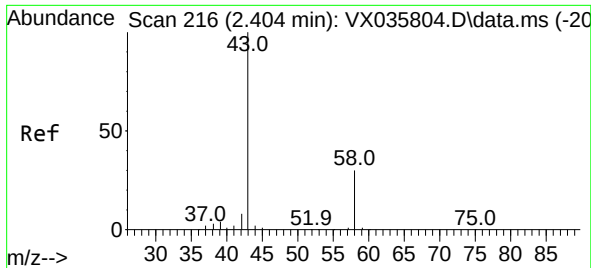
Ion Ratio Lower Upper

53 100

52 83.6 41.3 123.7

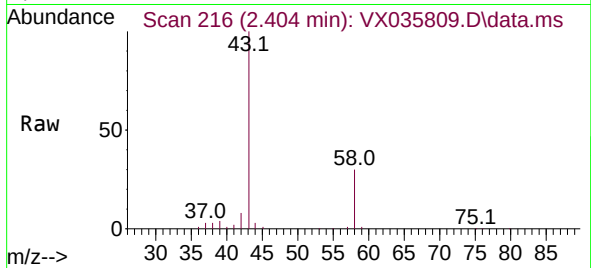
51 36.1 17.9 53.7





#15
Acetone
Concen: 91.840 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

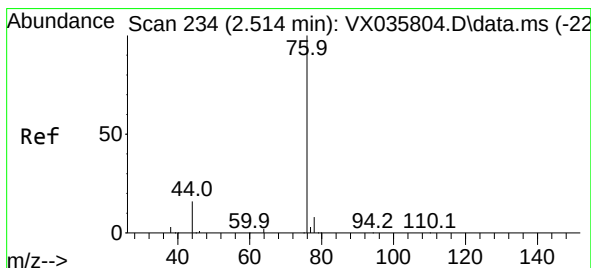
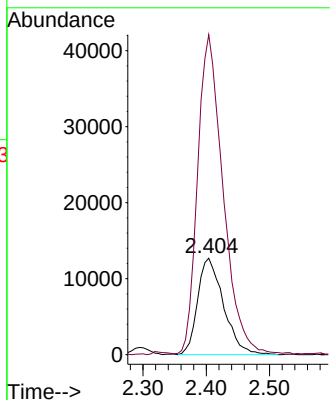
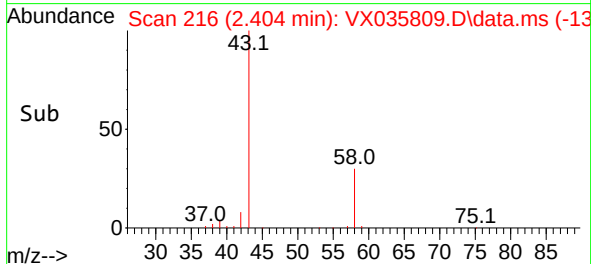
Instrument : MSVOA_X
ClientSampleId : ICVVX052323



Tgt Ion: 58 Resp: 36220
Ion Ratio Lower Upper
58 100
43 330.3 270.8 406.2

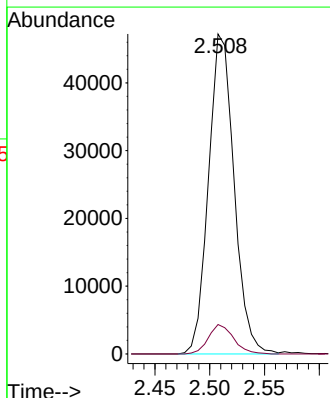
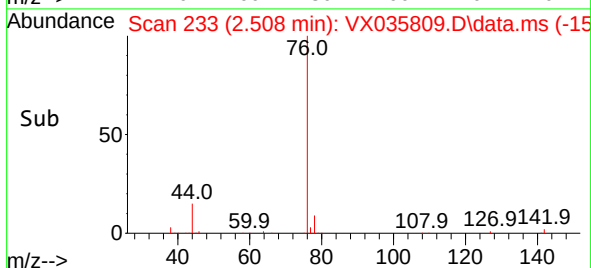
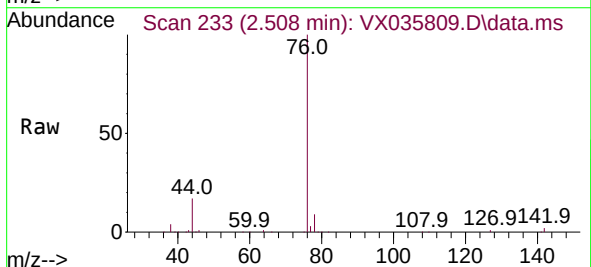
Manual Integrations
APPROVED

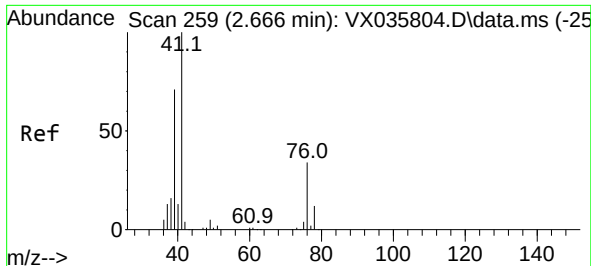
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Carbon Disulfide
Concen: 19.004 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 76 Resp: 76770
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#17

Allyl chloride

Concen: 19.198 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

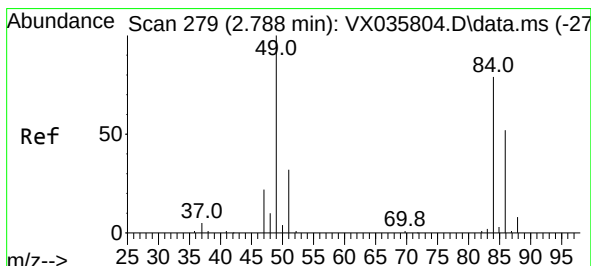
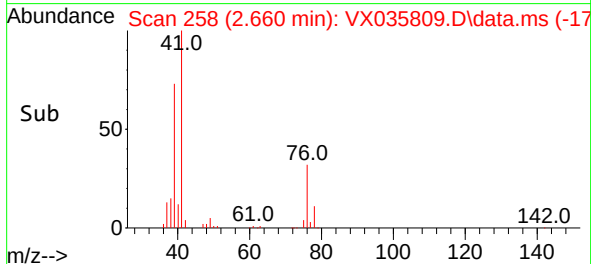
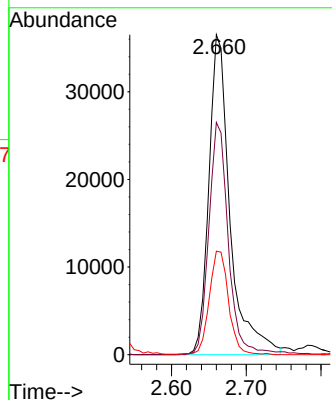
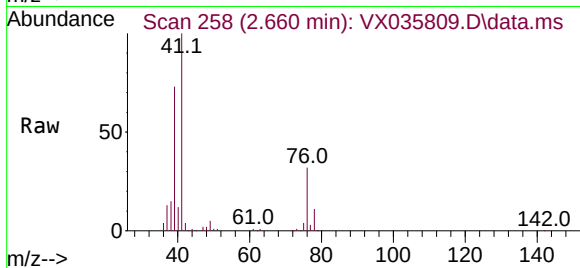
Tgt Ion:	41	Resp:	7209
Ion	Ratio	Lower	Upper
41	100		
39	72.4	36.4	109.3
76	32.3	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#18

Methylene Chloride

Concen: 19.225 ug/l

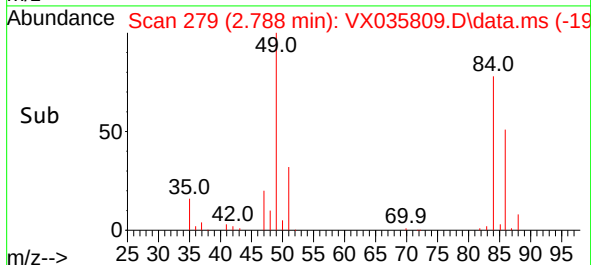
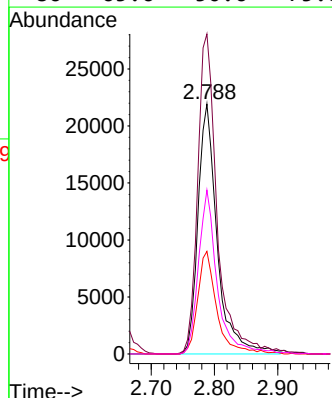
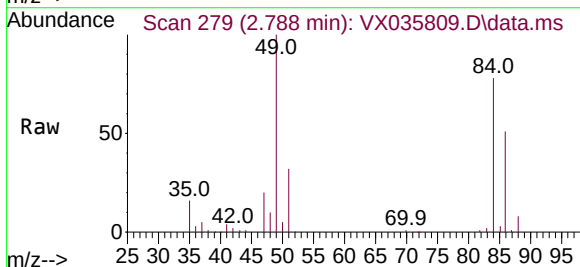
RT: 2.788 min Scan# 279

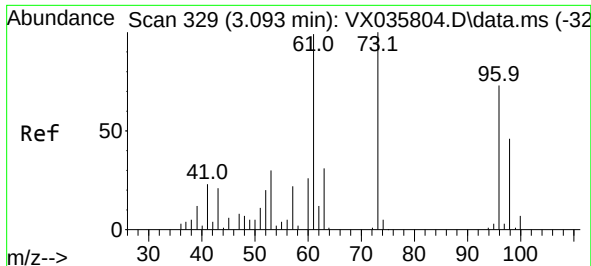
Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Tgt Ion:	84	Resp:	46602
Ion	Ratio	Lower	Upper
84	100		
49	127.7	103.9	155.9
51	41.0	30.6	45.8
86	65.6	50.6	75.8





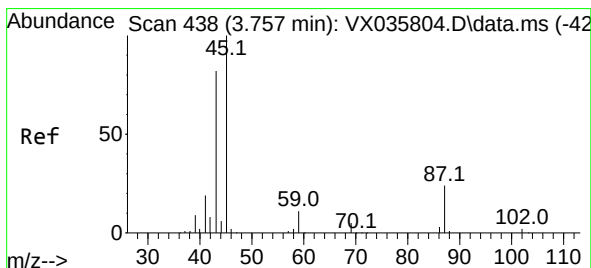
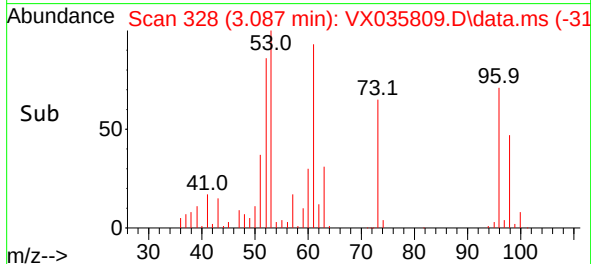
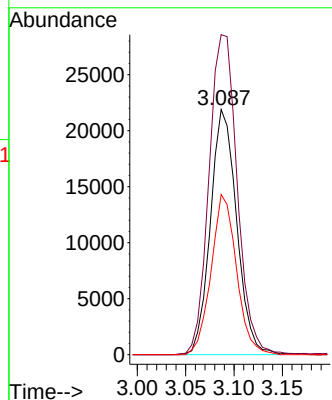
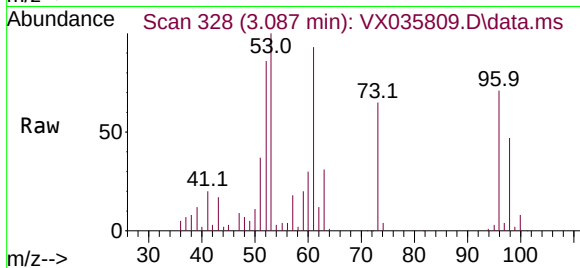
#19
trans-1,2-Dichloroethene
Concen: 19.737 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion: 96 Resp: 4141
Ion Ratio Lower Upper
96 100
61 130.1 111.1 166.7
98 65.3 48.6 72.8

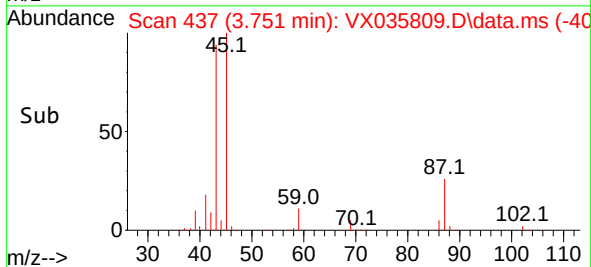
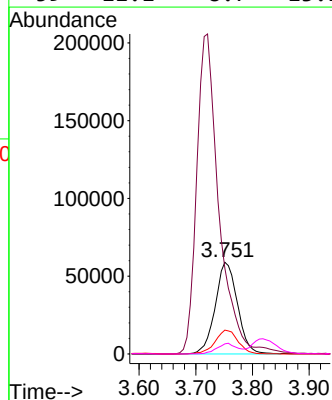
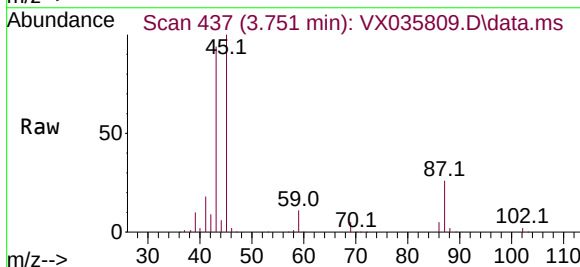
Manual Integrations
APPROVED

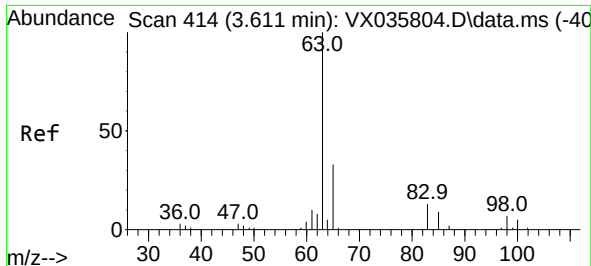
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Diisopropyl ether
Concen: 19.782 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 45 Resp: 160367
Ion Ratio Lower Upper
45 100
43 92.3 66.0 99.0
87 25.9 21.8 32.6
59 11.1 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.324 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

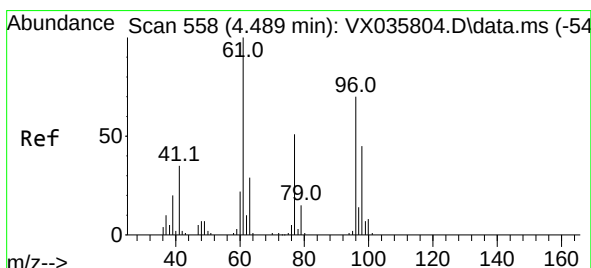
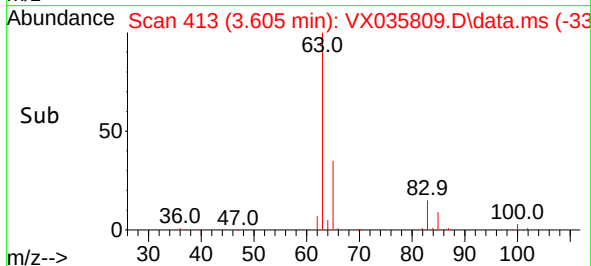
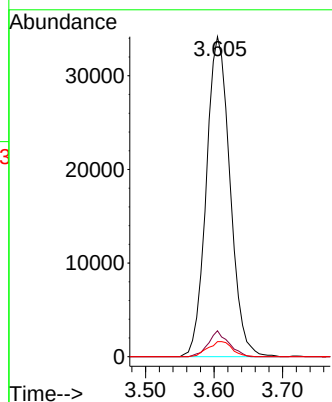
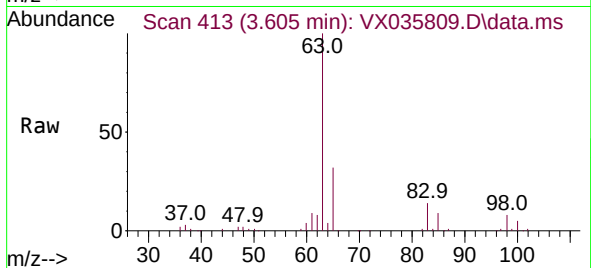
ICVVX052323

Tgt Ion: 63 Resp: 8211
Ion Ratio Lower Upper
63 100
98 8.1 3.5 10.6
100 4.7 2.2 6.6

Manual Integrations

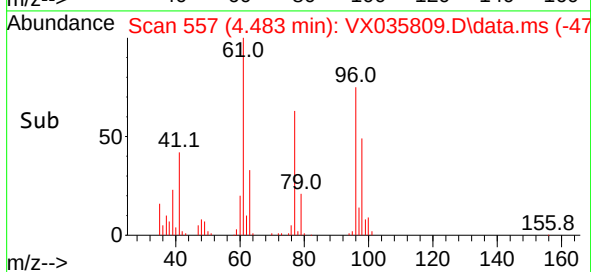
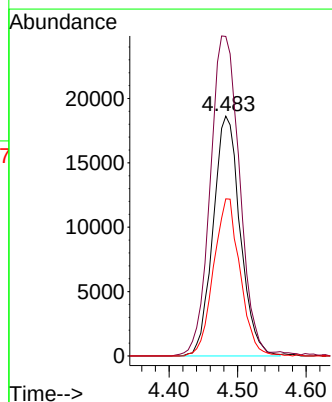
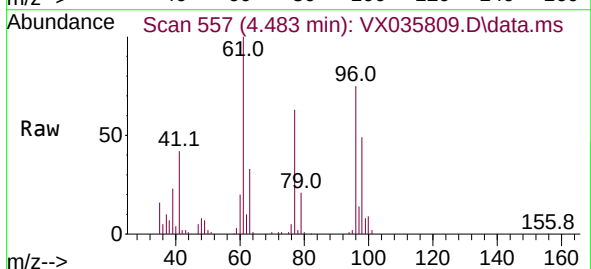
APPROVED

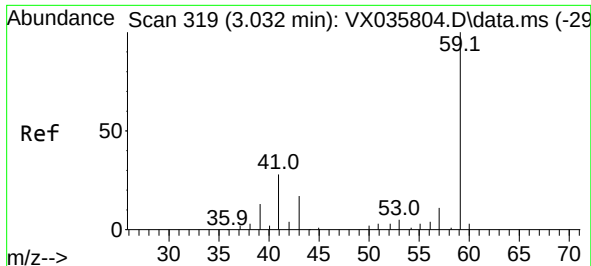
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
cis-1,2-Dichloroethene
Concen: 19.673 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

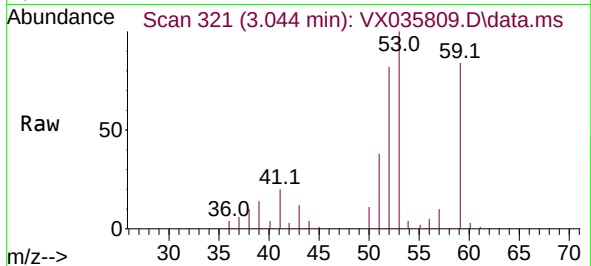
Tgt Ion: 96 Resp: 51081
Ion Ratio Lower Upper
96 100
61 144.3 121.7 182.5
98 64.0 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 109.259 ug/l m
RT: 3.044 min Scan# 319
Delta R.T. 0.012 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

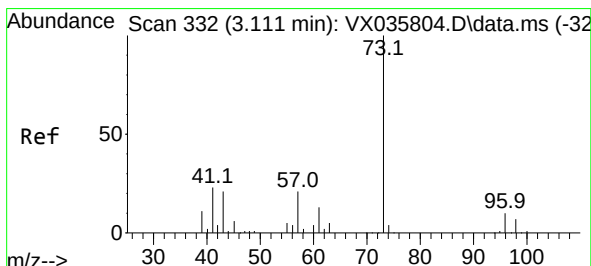
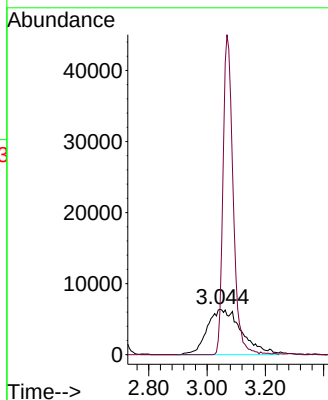
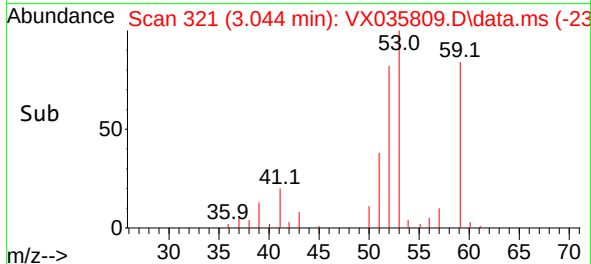
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion: 59 Resp: 52580
Ion Ratio Lower Upper
59 100
52 205.6 0.2 0.4

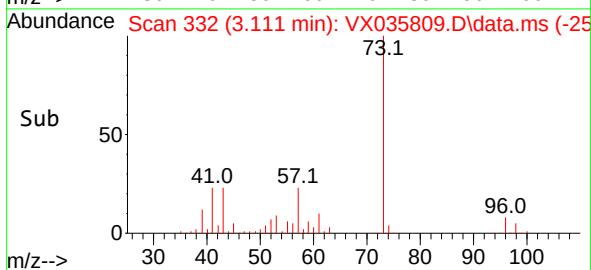
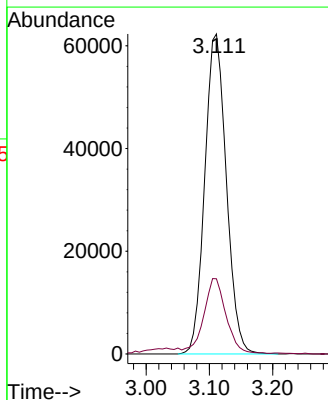
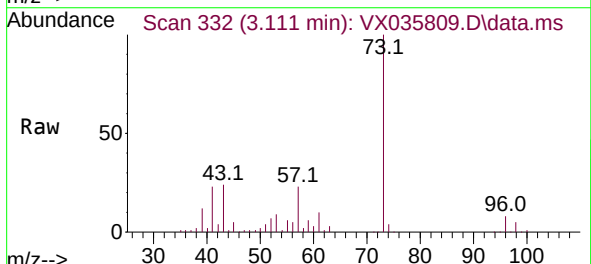
Manual Integrations
APPROVED

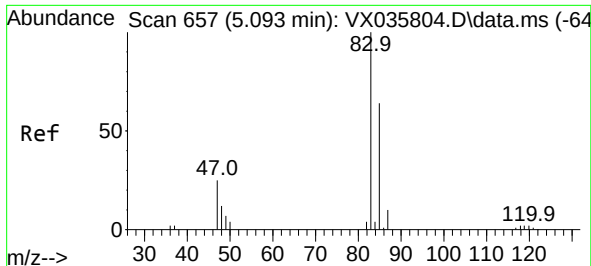
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 19.692 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 73 Resp: 147732
Ion Ratio Lower Upper
73 100
43 24.5 17.9 26.9





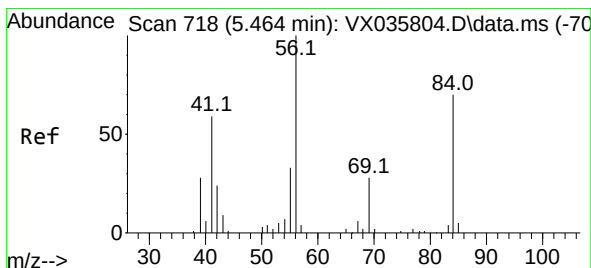
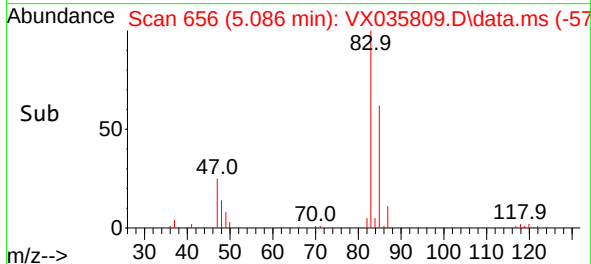
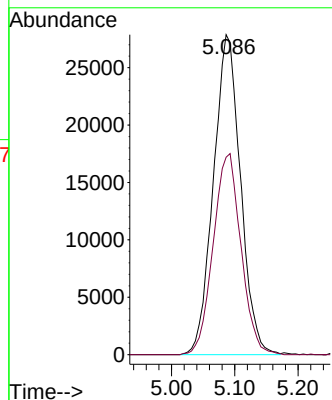
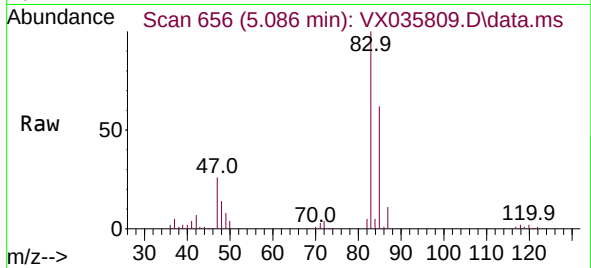
#25
Chloroform
Concen: 19.021 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVX052323

Tgt Ion: 83 Resp: 82940
Ion Ratio Lower Upper
83 100
85 61.7 51.2 76.8

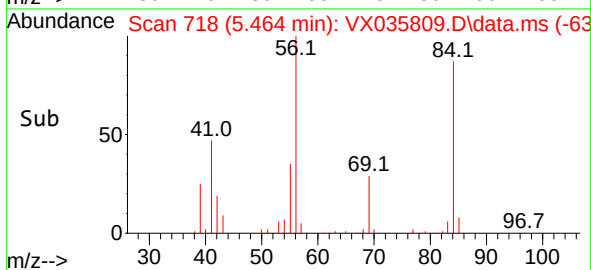
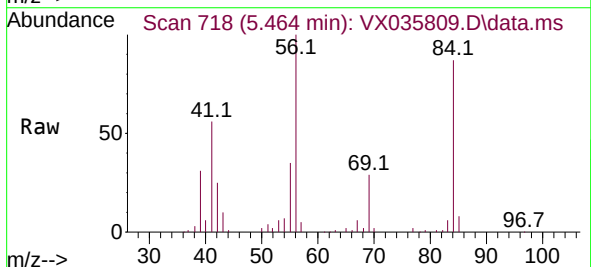
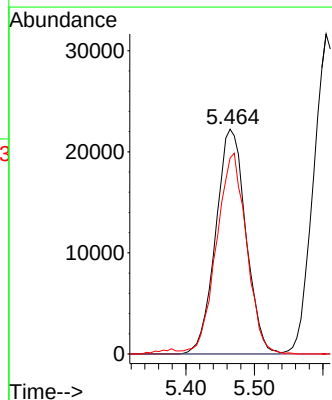
Manual Integrations
APPROVED

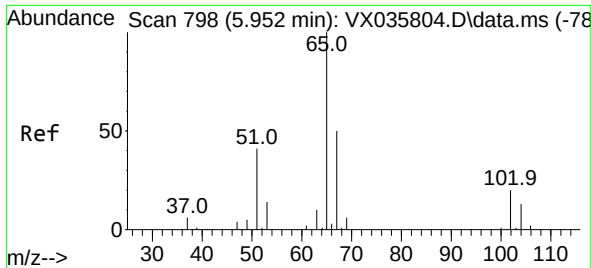
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 21.119 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 56 Resp: 67869
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.1 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 28.791 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

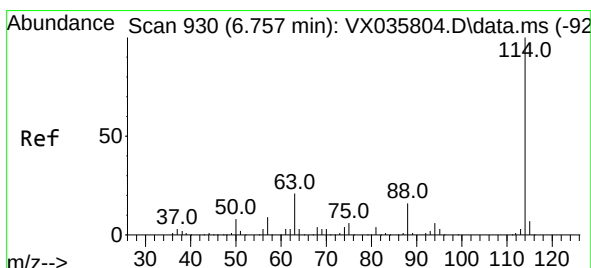
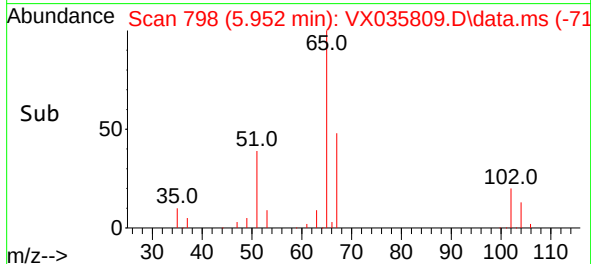
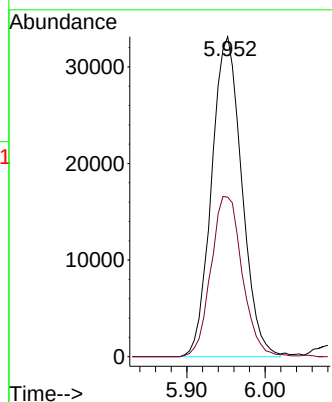
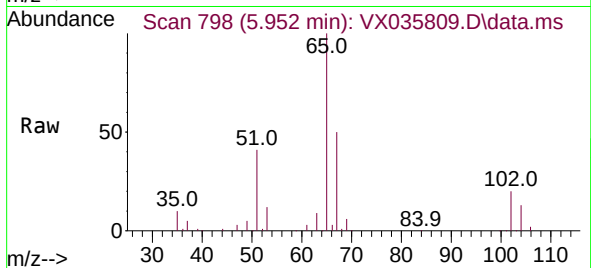
ICVVX052323

Tgt Ion: 65 Resp: 88832
Ion Ratio Lower Upper
65 100
67 51.8 40.9 61.3

Manual Integrations

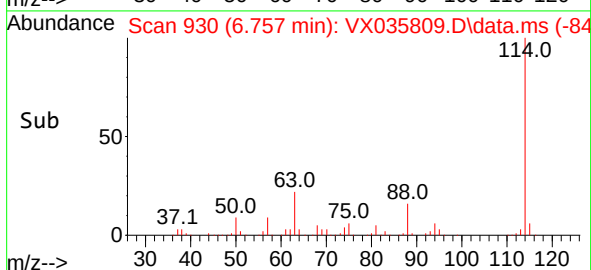
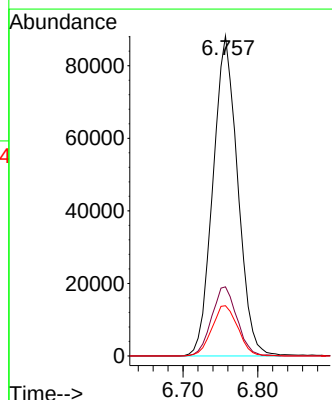
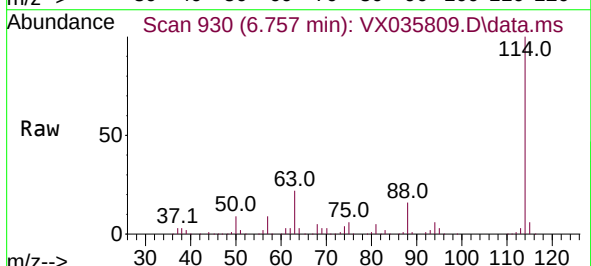
APPROVED

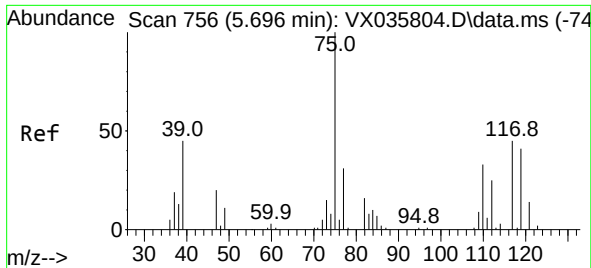
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion:114 Resp: 202808
Ion Ratio Lower Upper
114 100
63 22.1 18.0 27.0
88 16.5 13.3 19.9





#29

1,1-Dichloropropene

Concen: 21.369 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

Tgt Ion: 75 Resp: 60350

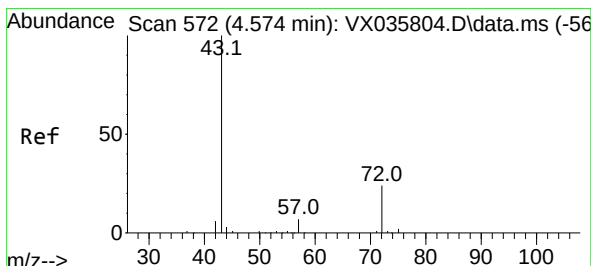
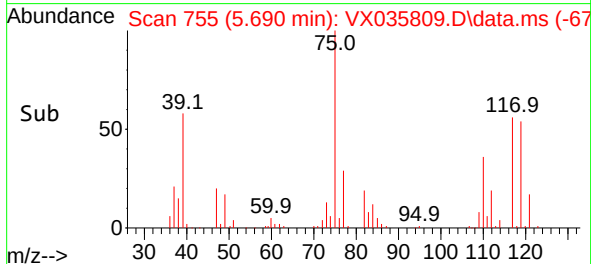
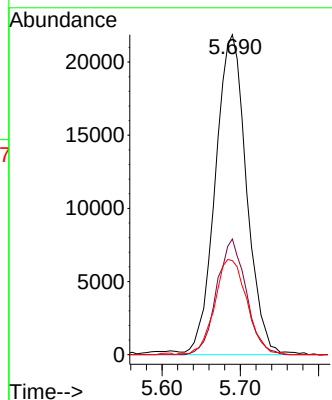
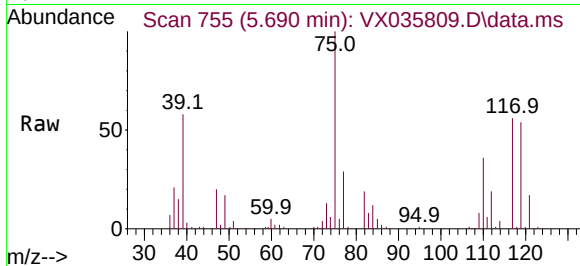
Ion	Ratio	Lower	Upper
75	100		
110	34.0	0.0	71.4
77	30.8	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 101.174 ug/l

RT: 4.568 min Scan# 571

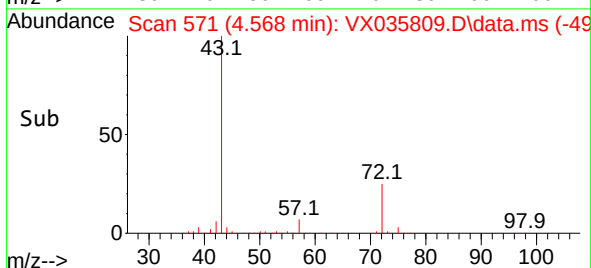
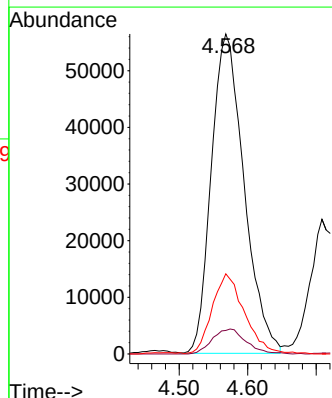
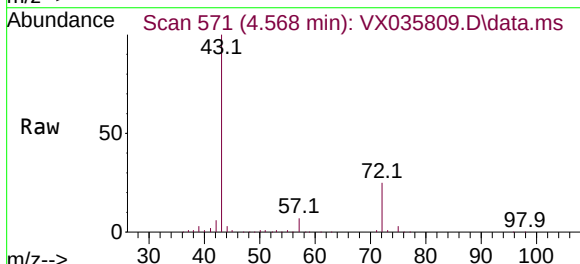
Delta R.T. -0.006 min

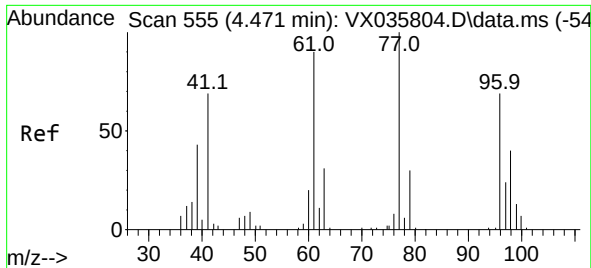
Lab File: VX035809.D

Acq: 23 May 2023 12:41

Tgt Ion: 43 Resp: 187044

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.3	9.5
72	24.7	19.6	29.4





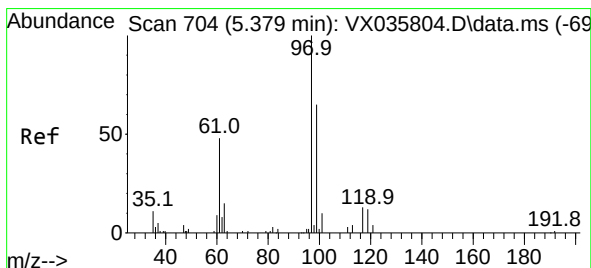
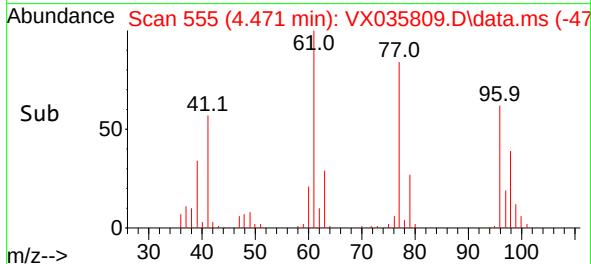
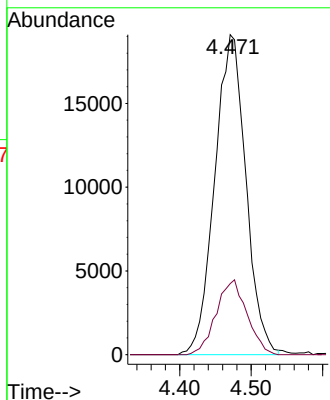
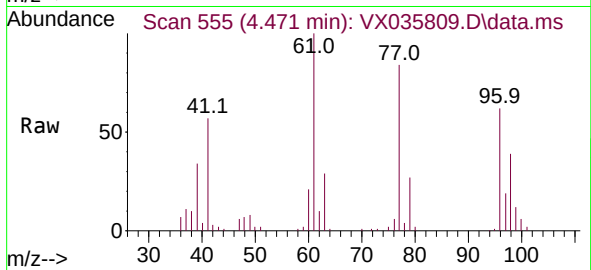
#31
2,2-Dichloropropane
Concen: 19.058 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion: 77 Resp: 57820
Ion Ratio Lower Upper
77 100
97 23.1 18.2 27.4

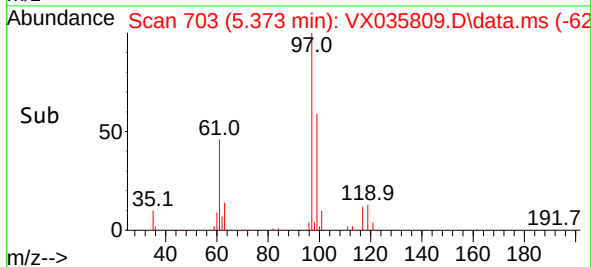
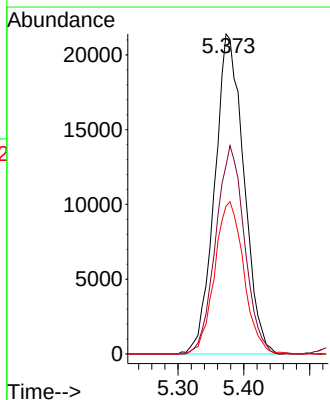
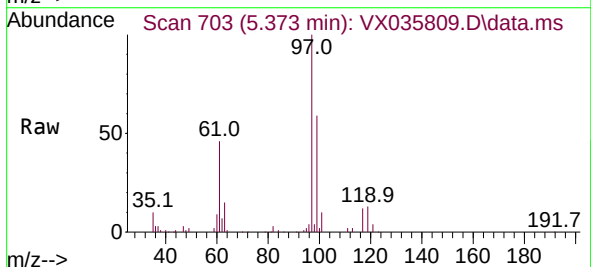
Manual Integrations
APPROVED

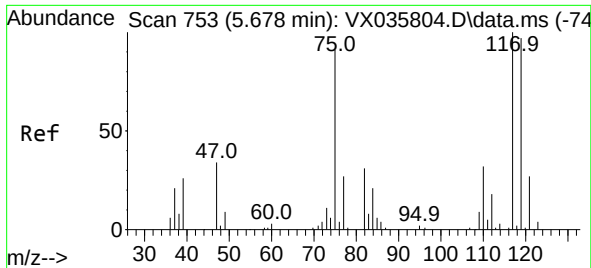
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 19.999 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

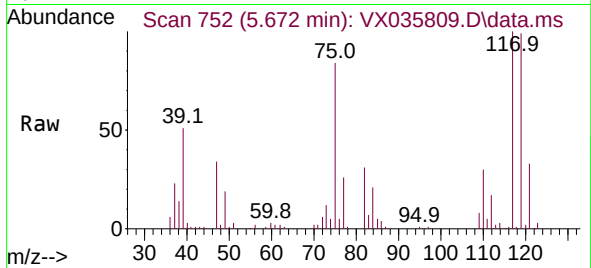
Tgt Ion: 97 Resp: 65956
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 47.5 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.171 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

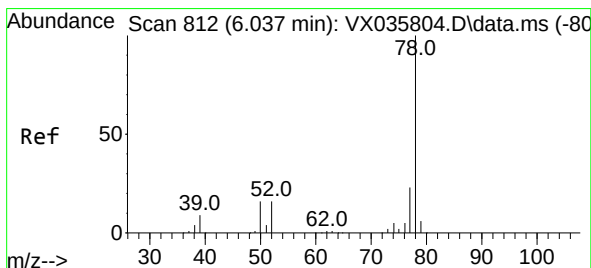
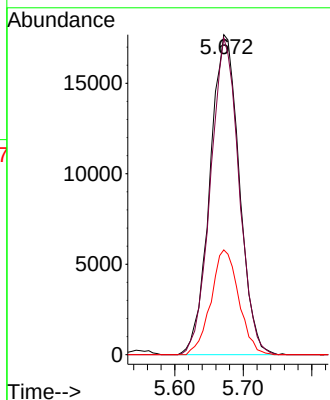
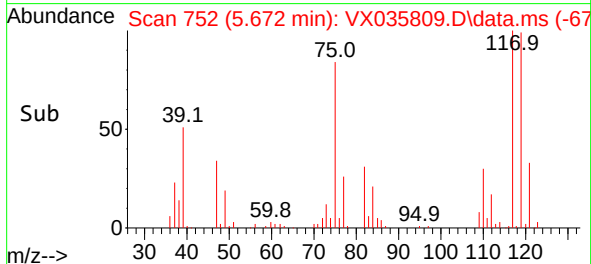
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion:117 Resp: 5253
Ion Ratio Lower Upper
117 100
119 99.0 73.3 109.9
121 32.7 24.0 36.0

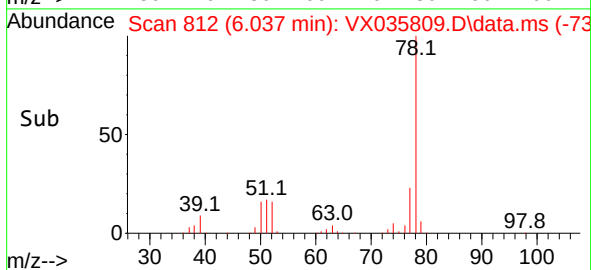
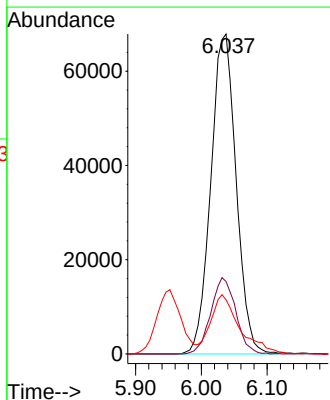
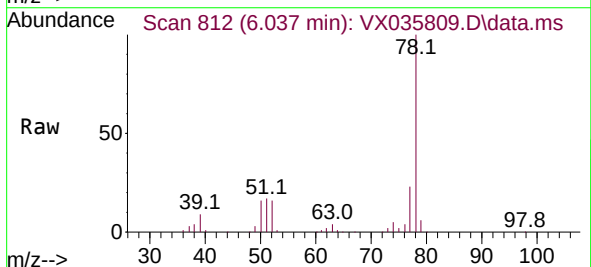
Manual Integrations
APPROVED

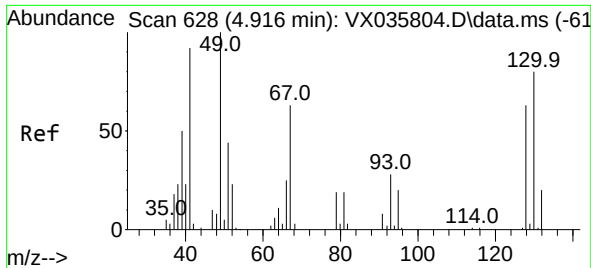
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 20.440 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 78 Resp: 182112
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4
51 16.2 14.6 21.8





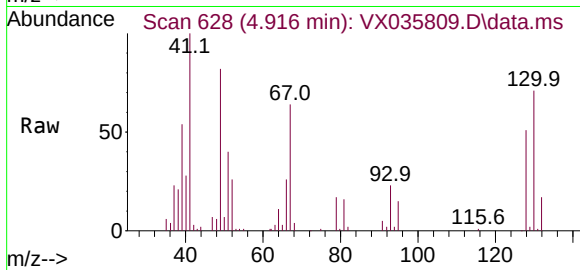
#35
Methacrylonitrile
Concen: 19.829 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVX052323



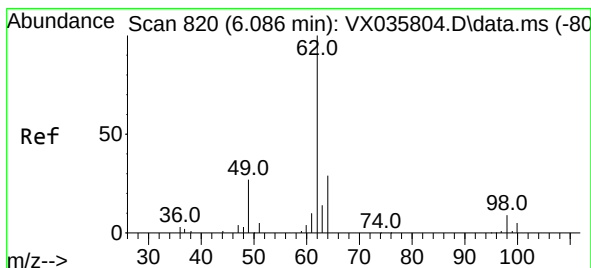
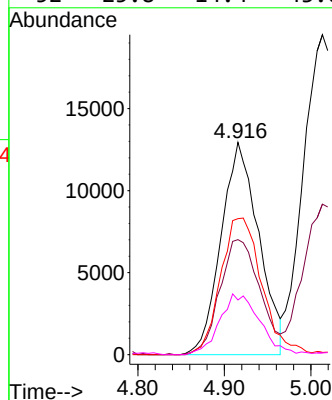
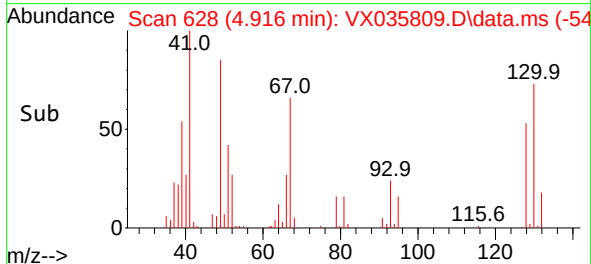
Tgt Ion: 41 Resp: 39118
Ion Ratio Lower Upper
41 100
39 54.2 28.0 84.0
67 64.1 31.6 94.7
52 25.8 14.4 43.0

Manual Integrations

APPROVED

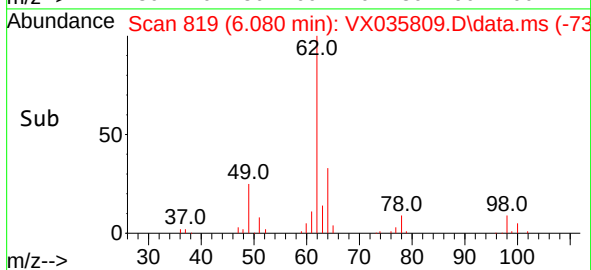
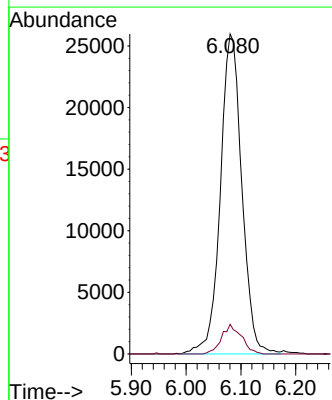
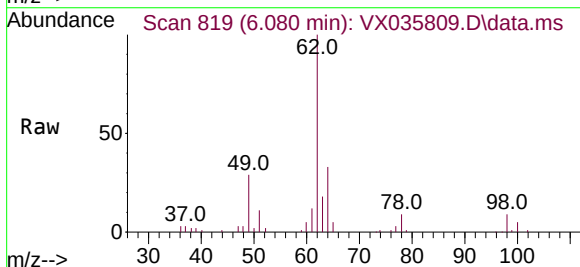
Reviewed By :John Carlone 05/25/2023

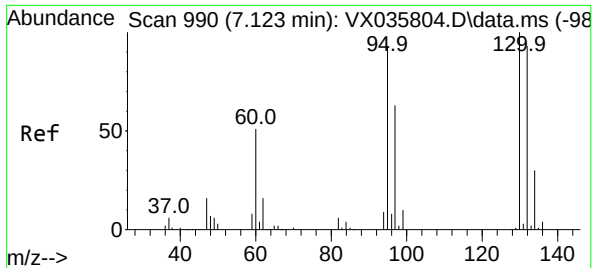
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 20.413 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

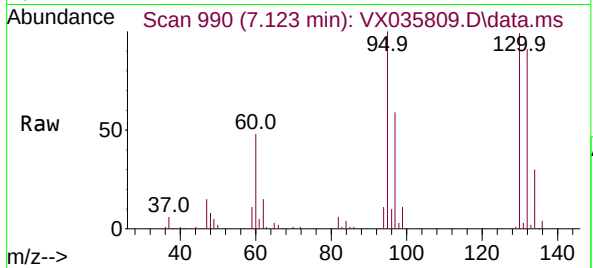
Tgt Ion: 62 Resp: 70781
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#37
Trichloroethene
Concen: 20.284 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

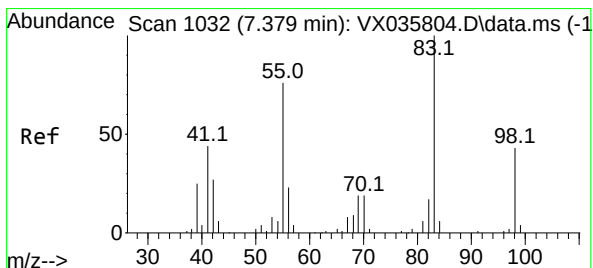
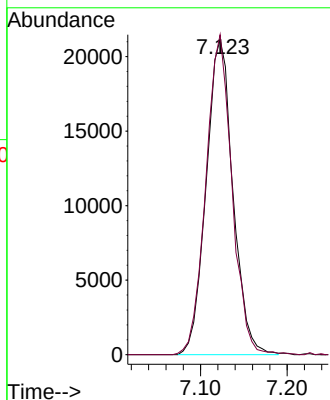
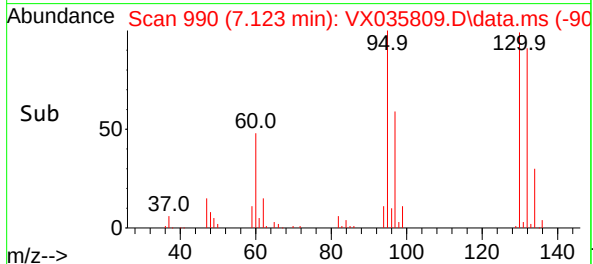
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



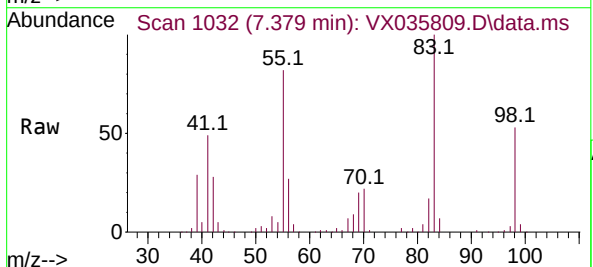
Tgt Ion:130 Resp: 4542
Ion Ratio Lower Upper
130 100
95 101.0 77.8 116.6

Manual Integrations
APPROVED

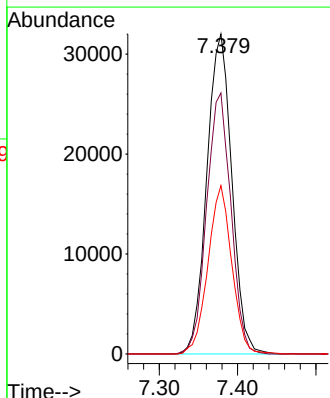
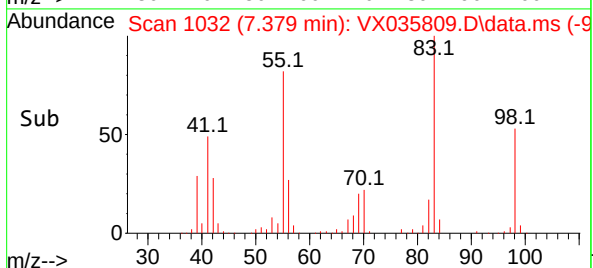
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

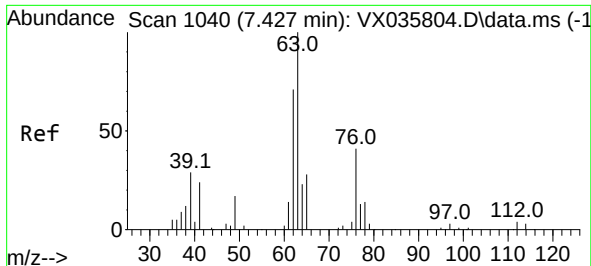


#38
Methylcyclohexane
Concen: 22.932 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



Tgt Ion: 83 Resp: 71026
Ion Ratio Lower Upper
83 100
55 79.3 38.8 116.4
98 50.2 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.791 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVX052323

Tgt Ion: 63 Resp: 4746

Ion Ratio Lower Upper

63 100

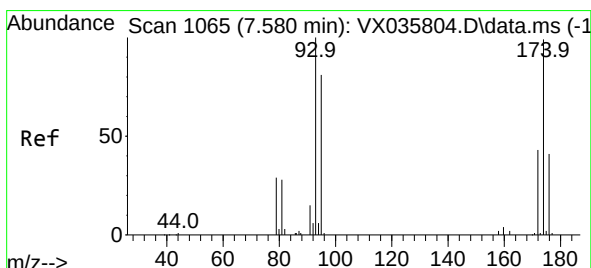
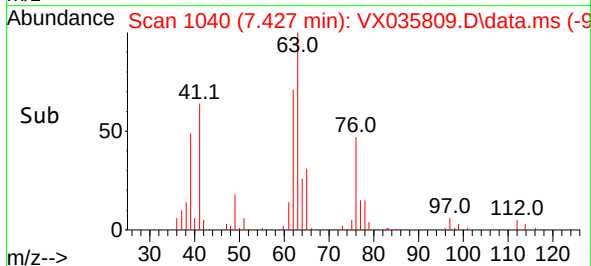
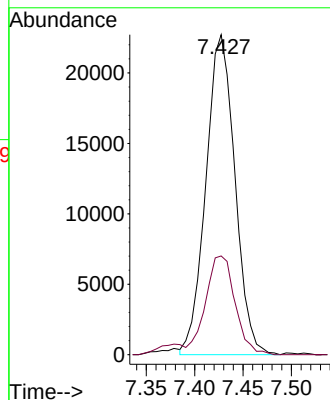
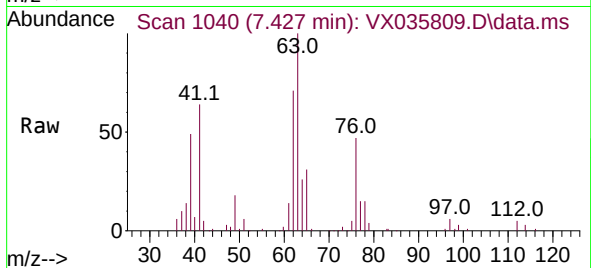
65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 20.491 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

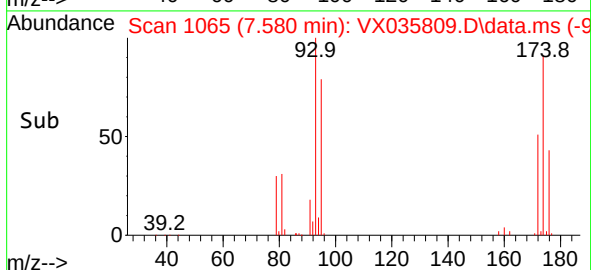
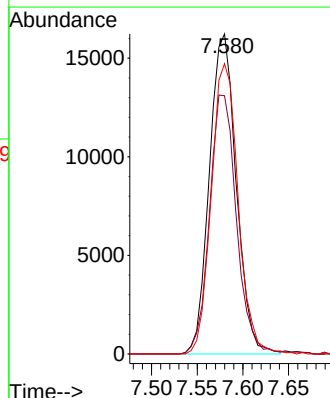
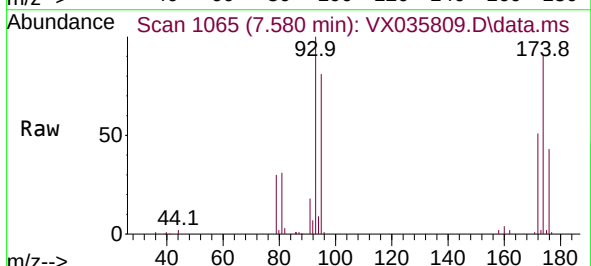
Tgt Ion: 93 Resp: 33235

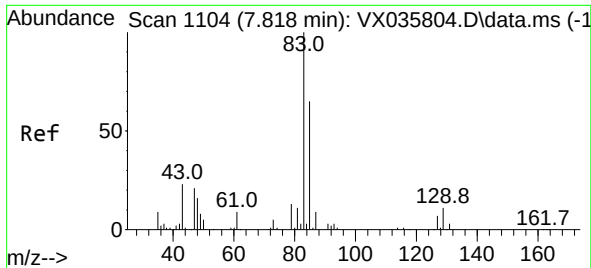
Ion Ratio Lower Upper

93 100

95 81.4 0.0 165.8

174 90.2 0.0 188.8





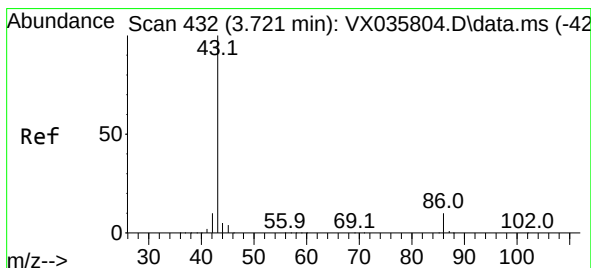
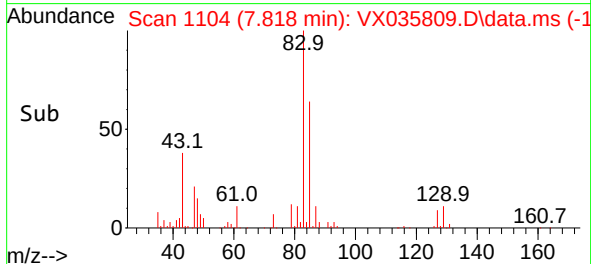
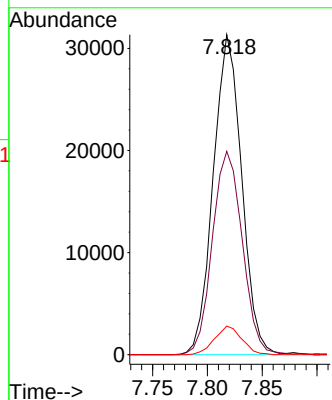
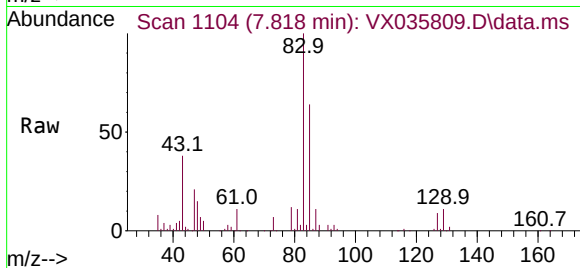
#41
Bromodichloromethane
Concen: 19.275 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion: 83 Resp: 56518
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 9.0 8.2 12.4

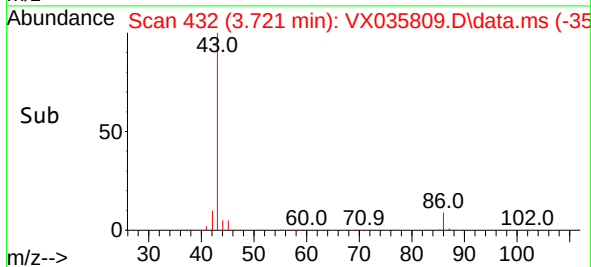
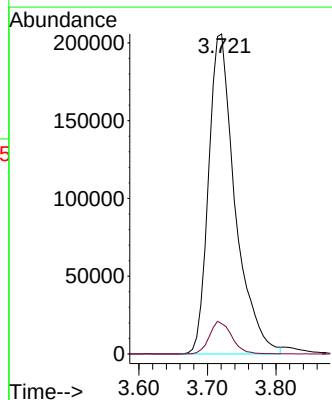
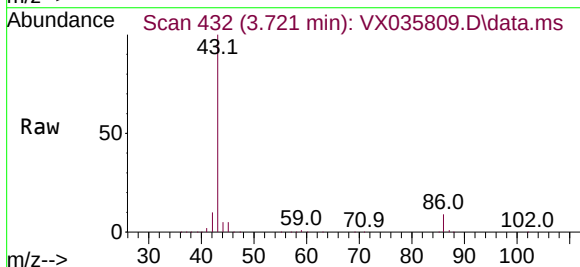
Manual Integrations
APPROVED

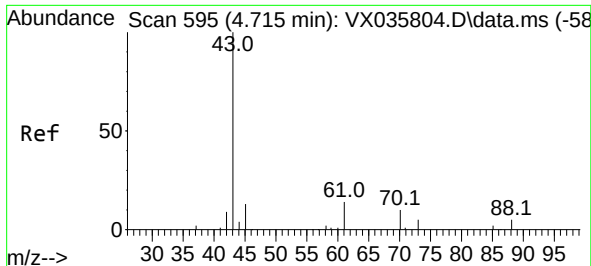
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 102.041 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 43 Resp: 554127
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





#43
Ethyl Acetate
Concen: 20.209 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

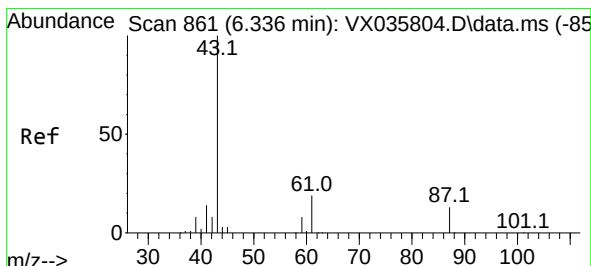
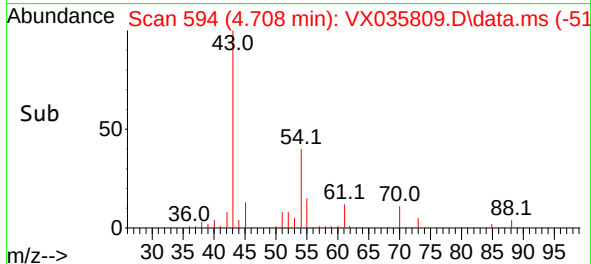
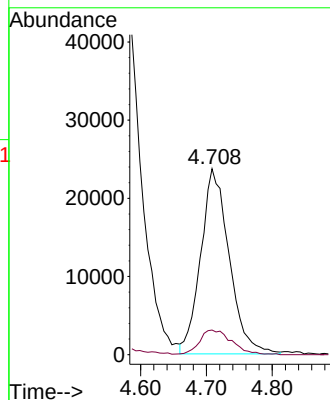
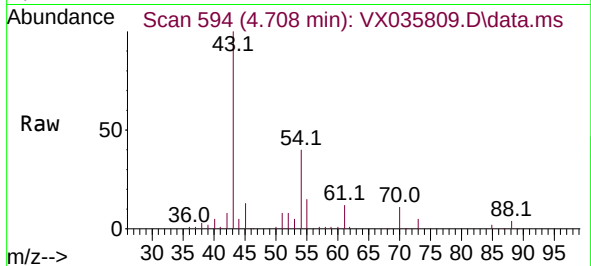
ClientSampleId :

ICVX052323

Tgt Ion: 43 Resp: 71252
Ion Ratio Lower Upper
43 100
45 15.2 12.0 18.0

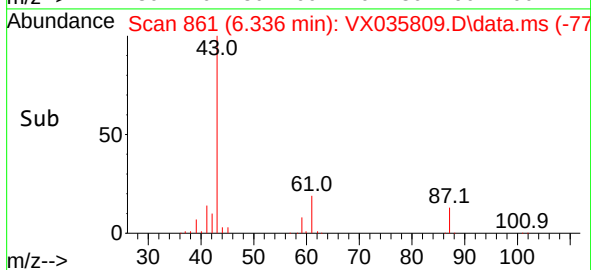
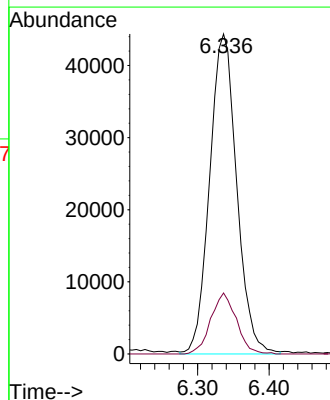
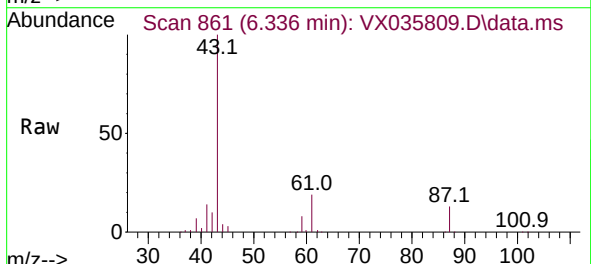
Manual Integrations
APPROVED

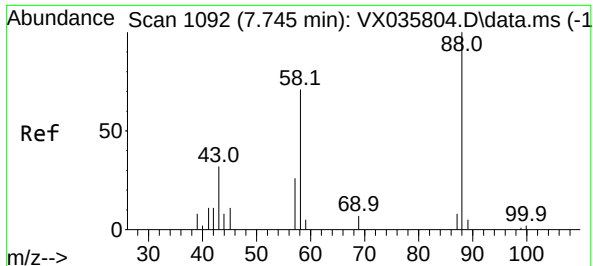
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Isopropyl Acetate
Concen: 20.307 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

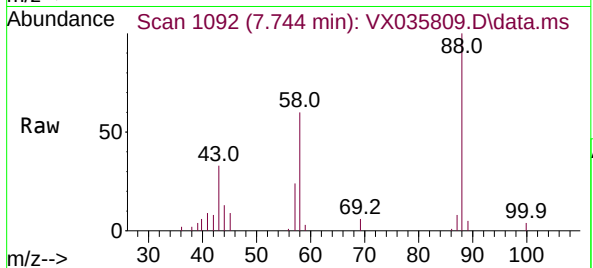
Tgt Ion: 43 Resp: 116705
Ion Ratio Lower Upper
43 100
61 18.0 15.4 23.0





#45
1,4-Dioxane
Concen: 459.472 ug/l m
RT: 7.744 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

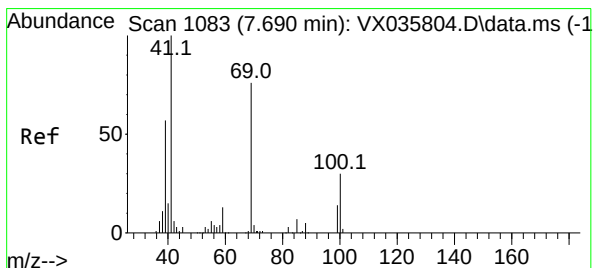
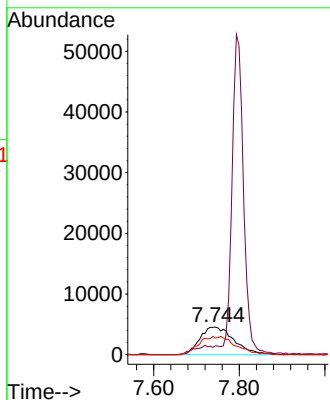
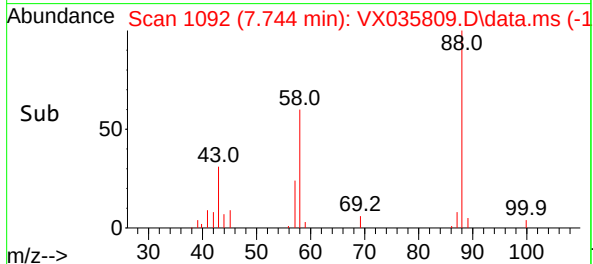
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion: 88 Resp: 2508
Ion Ratio Lower Upper
88 100
43 9.5 26.5 39.7
58 21.1 55.6 83.4

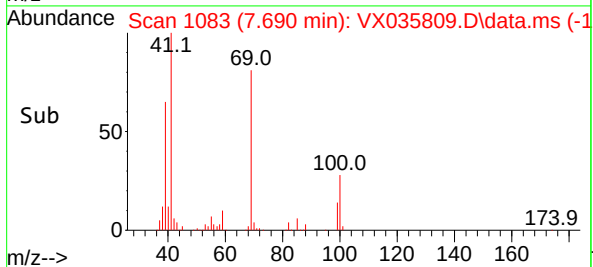
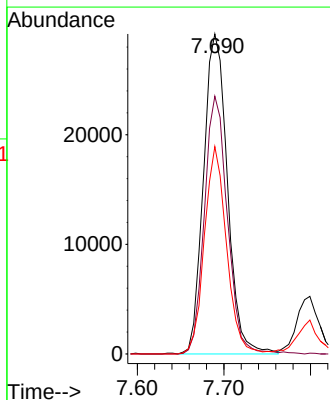
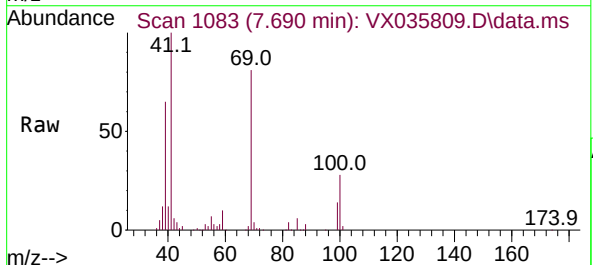
Manual Integrations
APPROVED

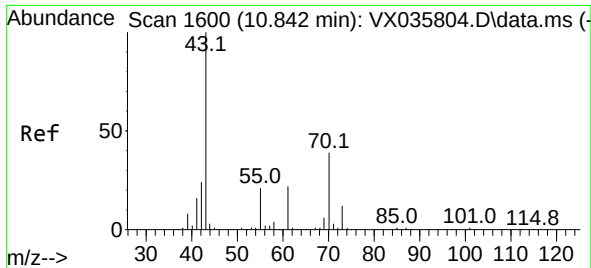
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 20.190 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

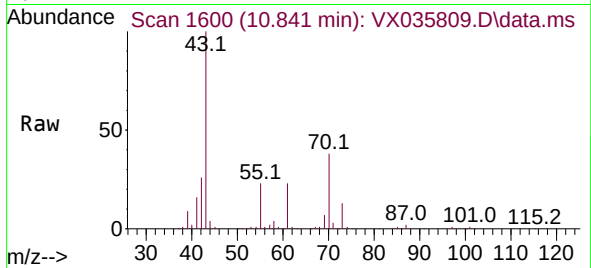
Tgt Ion: 41 Resp: 56066
Ion Ratio Lower Upper
41 100
69 80.5 38.1 114.5
39 64.8 31.4 94.3





#47
n-amyl acetate
Concen: 19.977 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

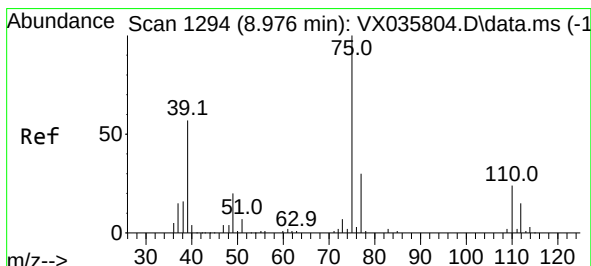
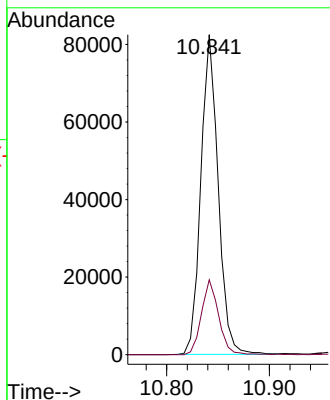
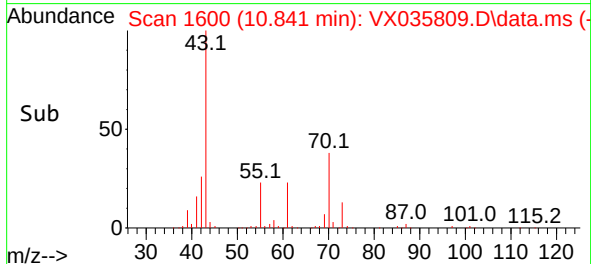
Instrument :
MSVOA_X
ClientSampleId :
ICVX052323



Tgt Ion: 43 Resp: 96434
Ion Ratio Lower Upper
43 100
55 23.2 18.6 28.0

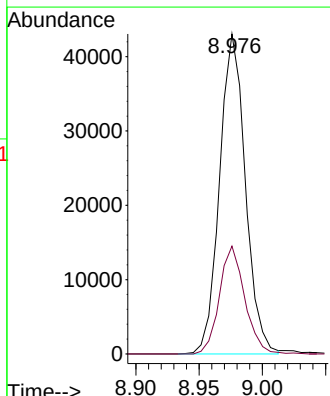
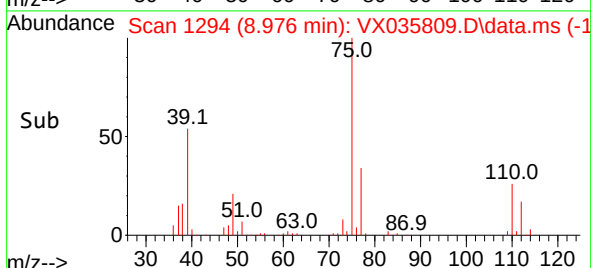
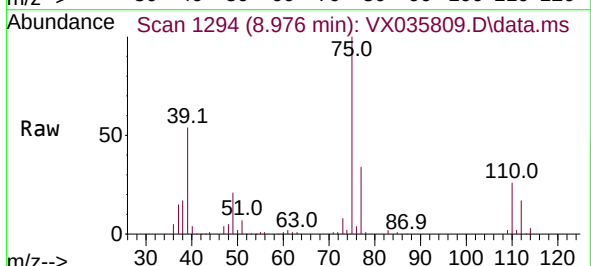
Manual Integrations
APPROVED

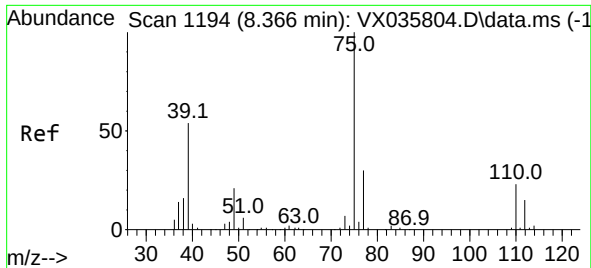
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 18.807 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 75 Resp: 61008
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.045 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVX052323

Tgt Ion: 75 Resp: 68180

Ion Ratio Lower Upper

75 100

77 33.8 24.6 37.0

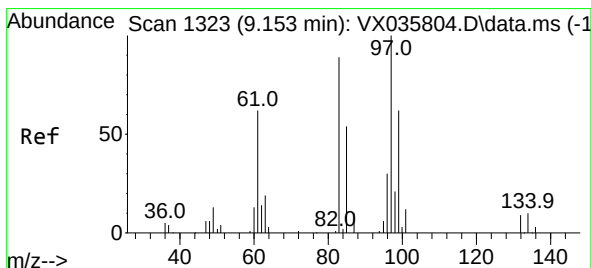
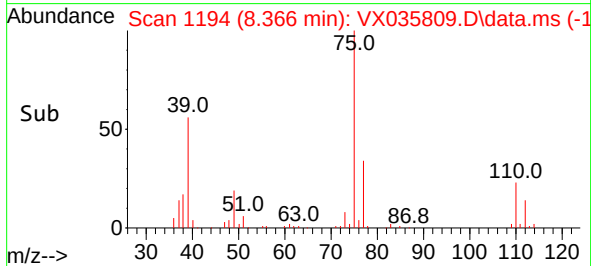
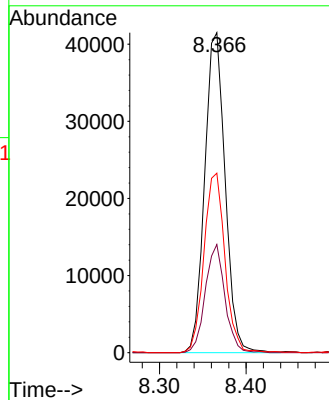
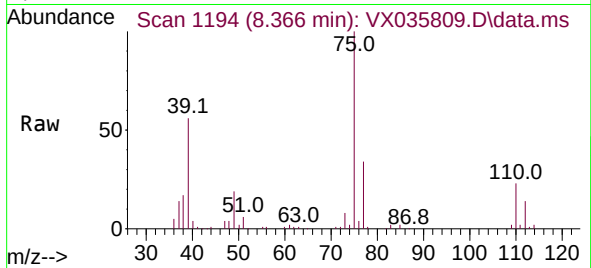
39 56.1 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 20.083 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Tgt Ion: 97 Resp: 46602

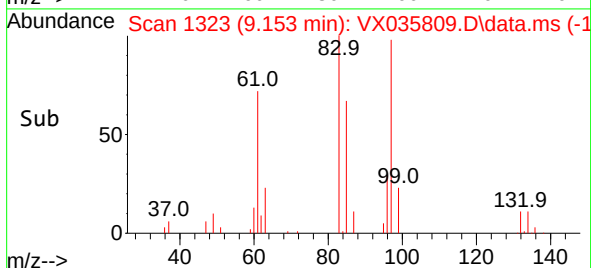
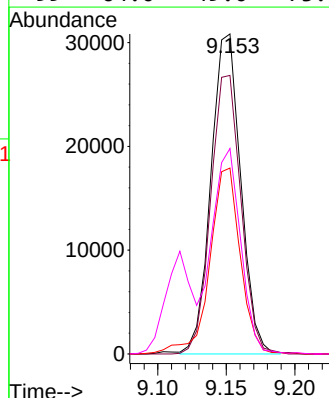
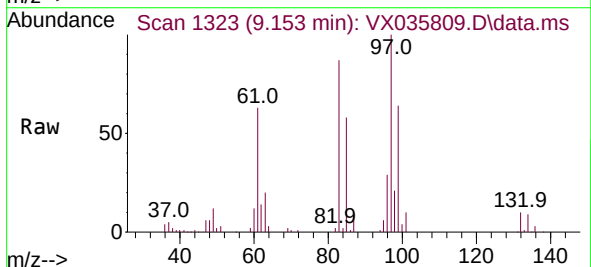
Ion Ratio Lower Upper

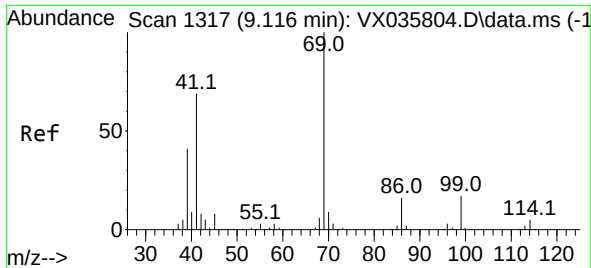
97 100

83 87.2 68.9 103.3

85 58.0 44.0 66.0

99 64.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.130 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

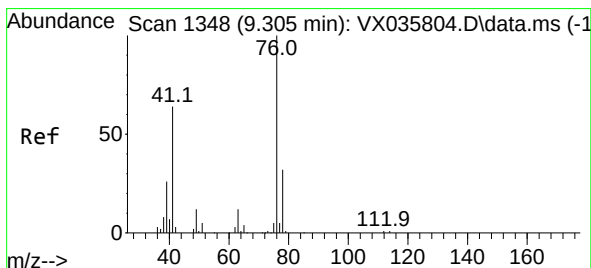
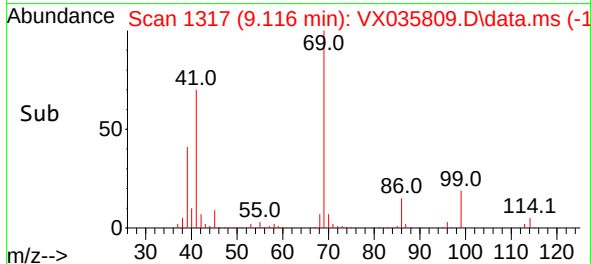
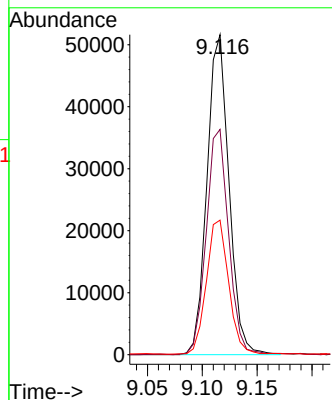
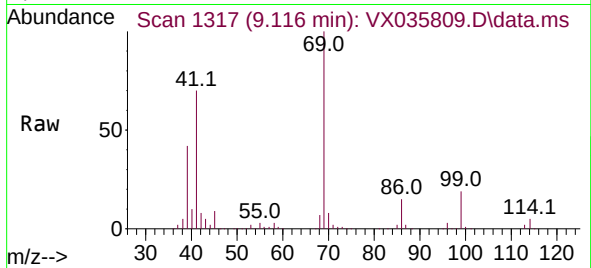
ClientSampleId :

ICVX052323

Tgt Ion: 69 Resp: 7200
Ion Ratio Lower Upper
69 100
41 70.2 36.2 108.6
39 41.8 21.2 63.6

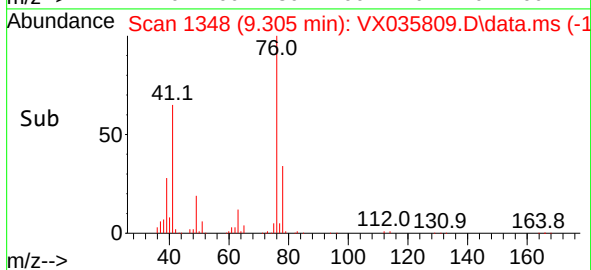
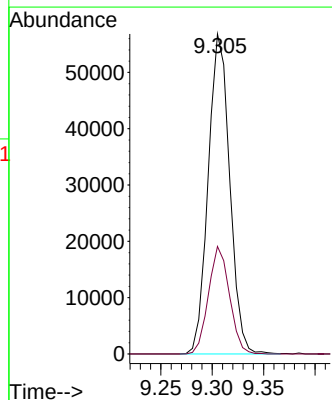
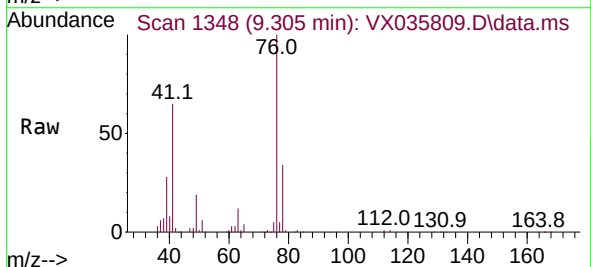
Manual Integrations
APPROVED

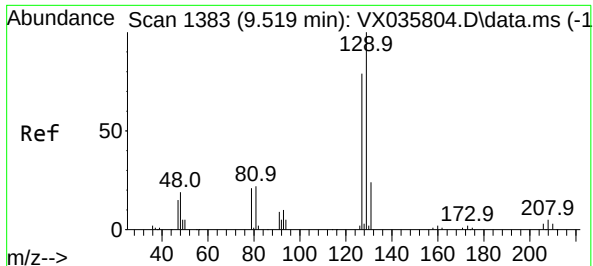
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
1,3-Dichloropropane
Concen: 20.442 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

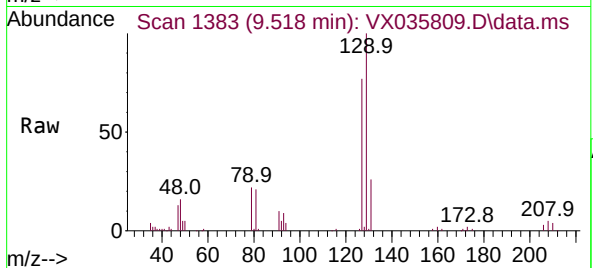
Tgt Ion: 76 Resp: 82664
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





#53
Dibromochloromethane
Concen: 18.756 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

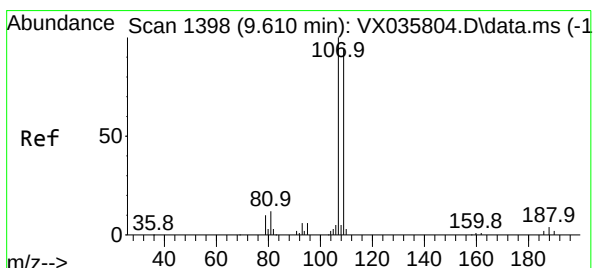
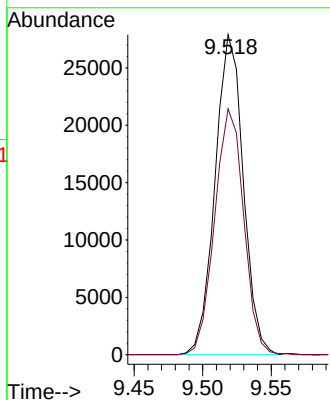
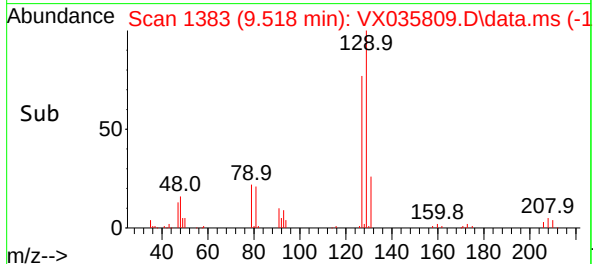
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion:129 Resp: 3991
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.5

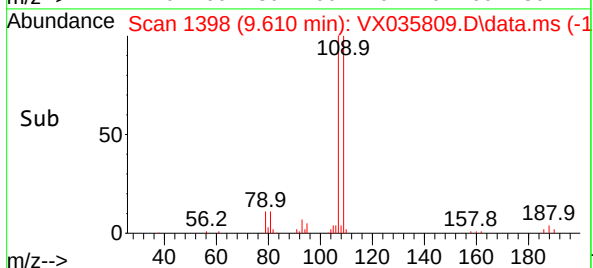
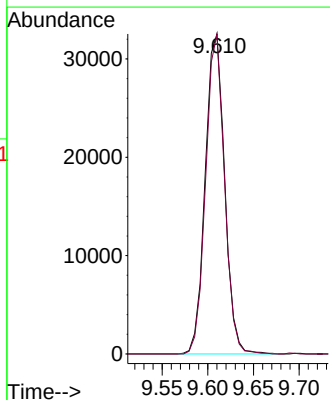
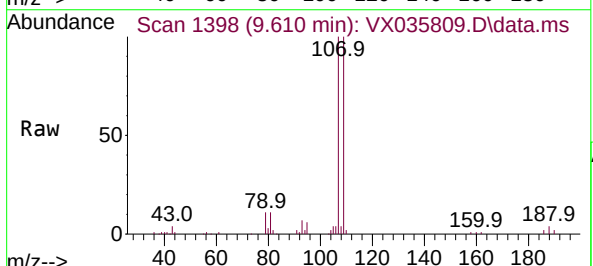
Manual Integrations
APPROVED

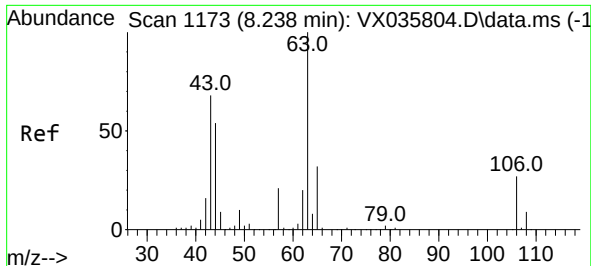
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
1,2-Dibromoethane
Concen: 19.917 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion:107 Resp: 48016
Ion Ratio Lower Upper
107 100
109 96.3 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 107.146 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

Tgt Ion: 63 Resp: 203390

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2

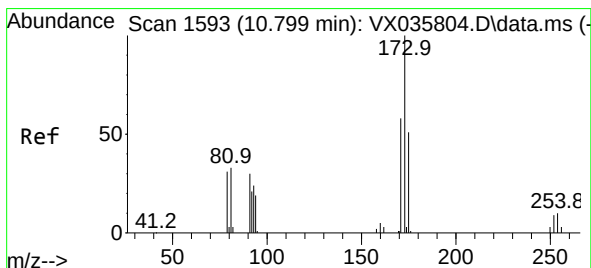
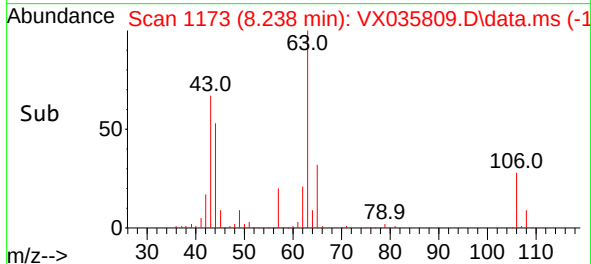
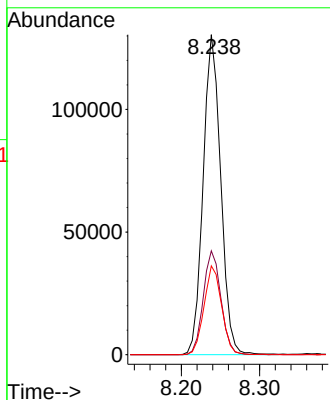
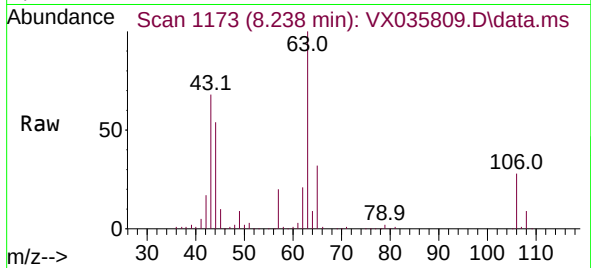
106 27.8 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#56

Bromoform

Concen: 18.325 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

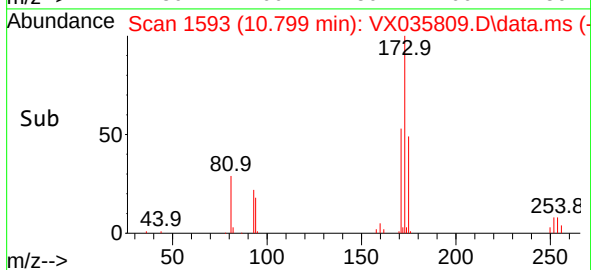
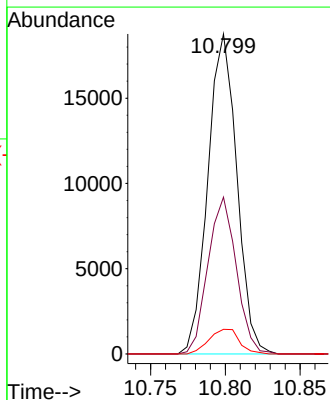
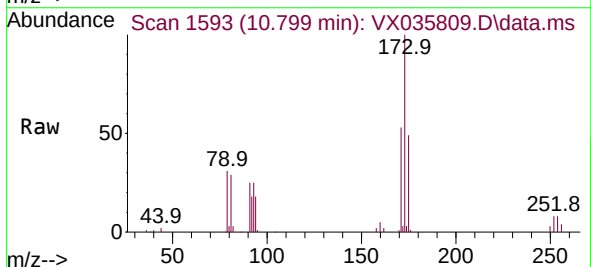
Tgt Ion:173 Resp: 25280

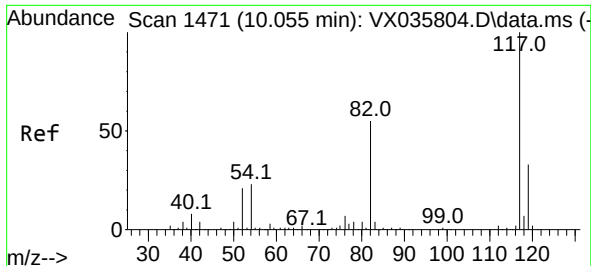
Ion Ratio Lower Upper

173 100

175 47.9 37.0 55.4

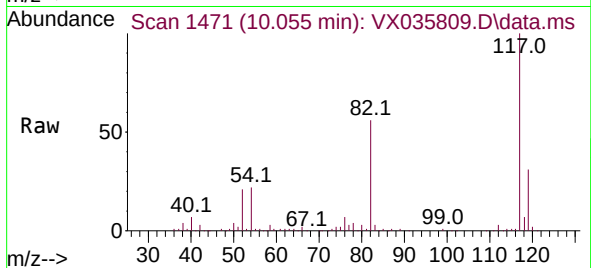
254 8.1 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

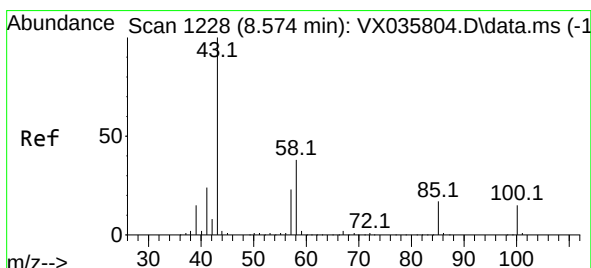
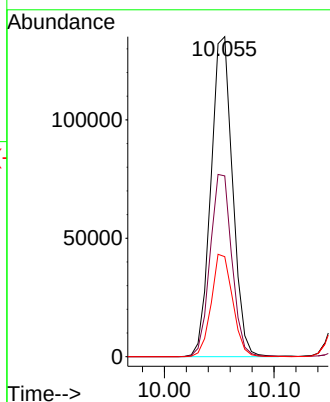
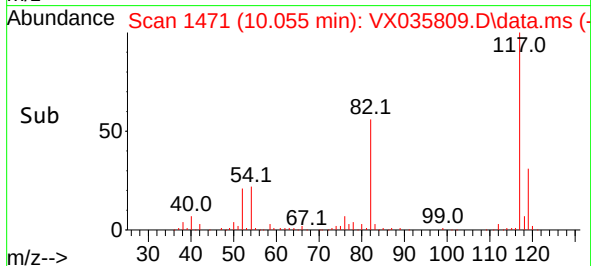
Instrument : MSVOA_X
ClientSampleId : ICVVX052323



Tgt Ion: 117 Resp: 185710
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 31.6 25.4 38.0

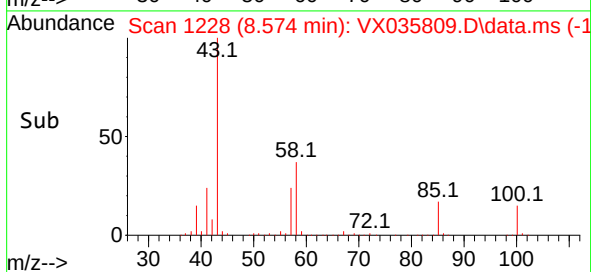
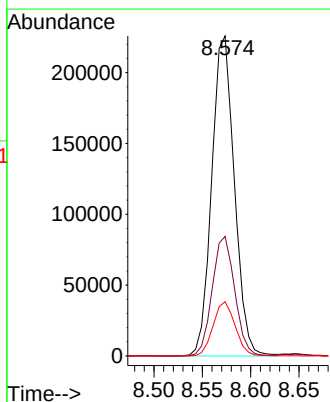
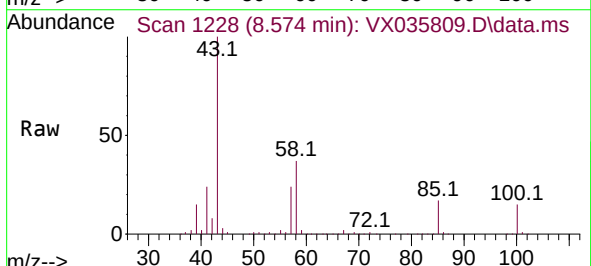
Manual Integrations
APPROVED

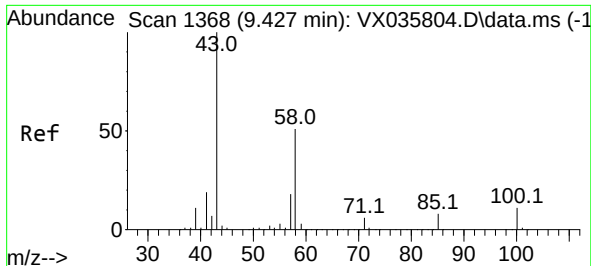
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#58
4-Methyl-2-Pentanone
Concen: 101.835 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 43 Resp: 367347
Ion Ratio Lower Upper
43 100
58 37.2 29.9 44.9
85 16.5 13.2 19.8





#59

2-Hexanone

Concen: 101.795 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

Tgt Ion: 43 Resp: 27630

Ion Ratio Lower Upper

43 100

58 52.1 41.7 62.5

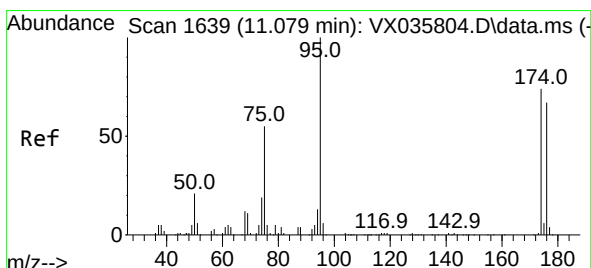
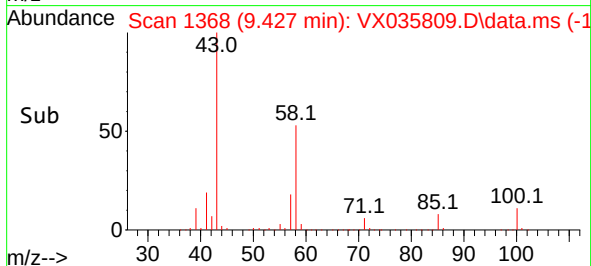
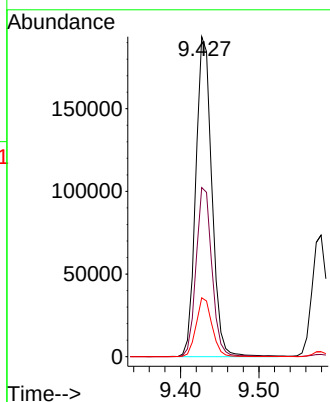
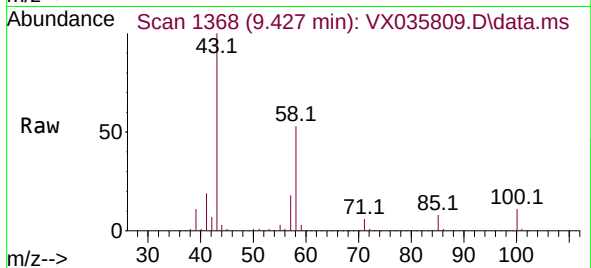
57 18.3 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#60

4-Bromofluorobenzene

Concen: 29.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

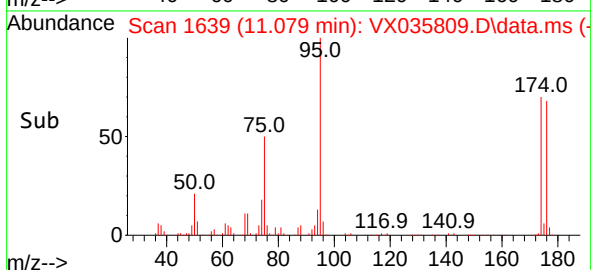
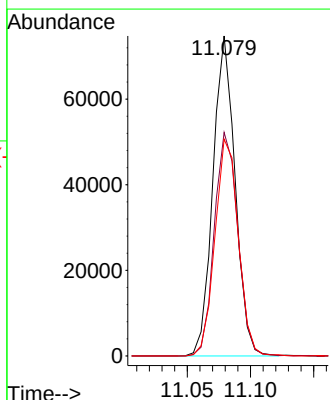
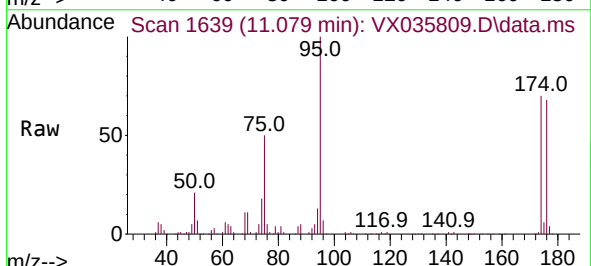
Tgt Ion: 95 Resp: 90958

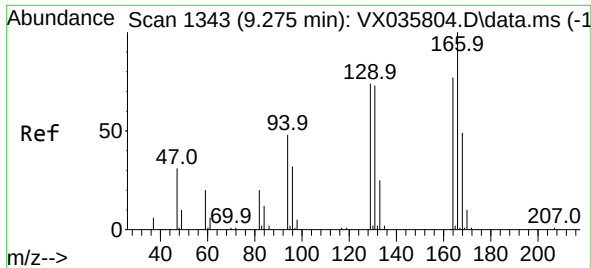
Ion Ratio Lower Upper

95 100

174 73.7 0.2 0.4#

176 71.4 0.2 0.2#





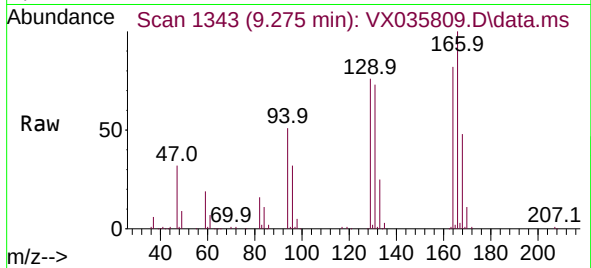
#61
Tetrachloroethene
Concen: 20.790 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323



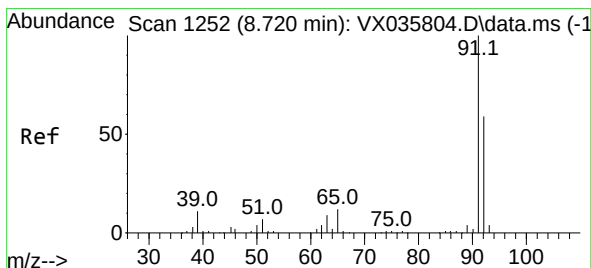
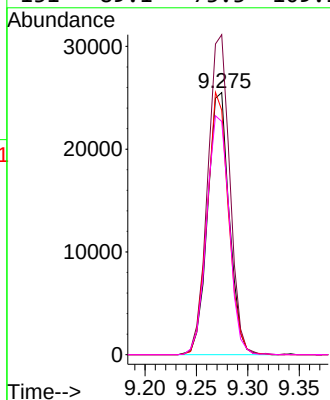
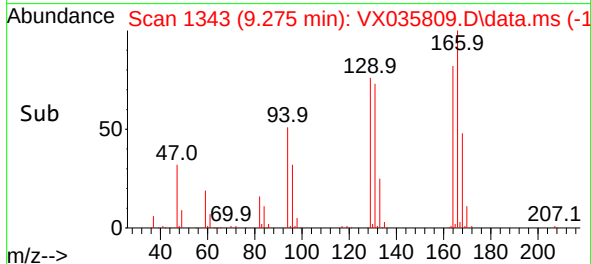
Tgt Ion:164 Resp: 37184
Ion Ratio Lower Upper
164 100
166 122.1 100.1 150.1
129 93.3 79.1 118.7
131 89.1 73.3 109.9

Manual Integrations

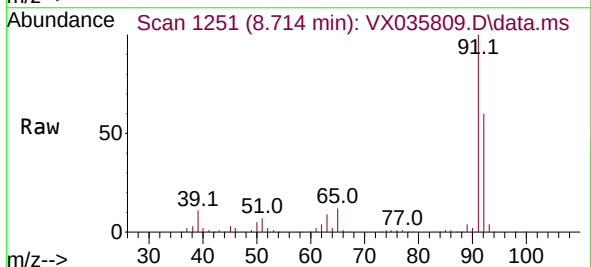
APPROVED

Reviewed By :John Carlone 05/25/2023

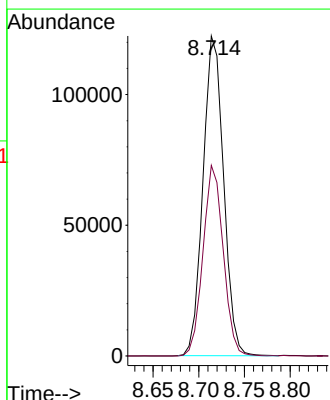
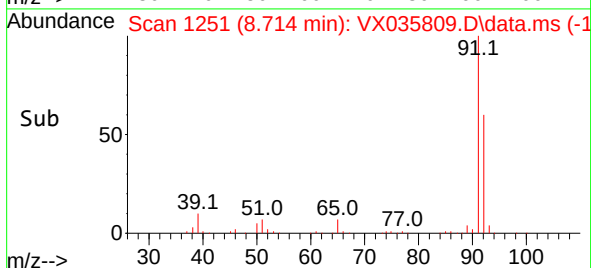
Supervised By :Mahesh Dadoda 05/25/2023

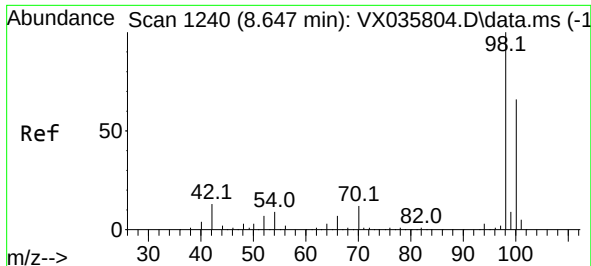


#62
Toluene
Concen: 20.021 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



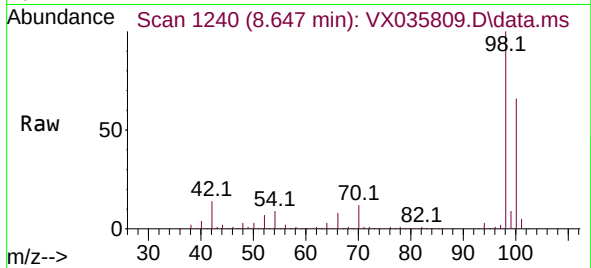
Tgt Ion: 91 Resp: 191482
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7





#63
Toluene-d8
Concen: 30.493 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

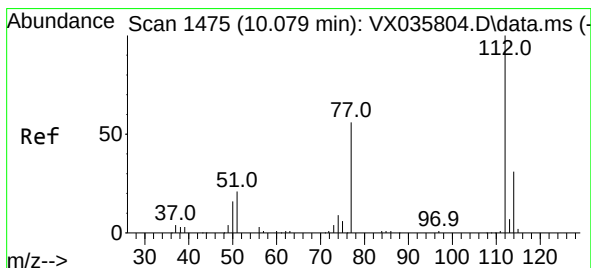
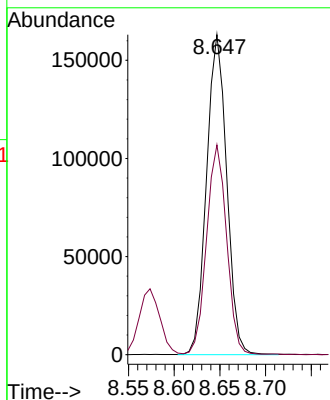
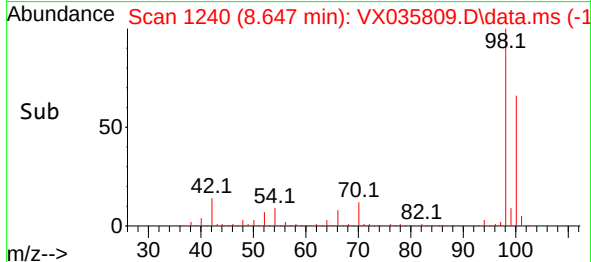
Instrument :
MSVOA_X
ClientSampleId :
ICVX052323



Tgt Ion: 98 Resp: 250350
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

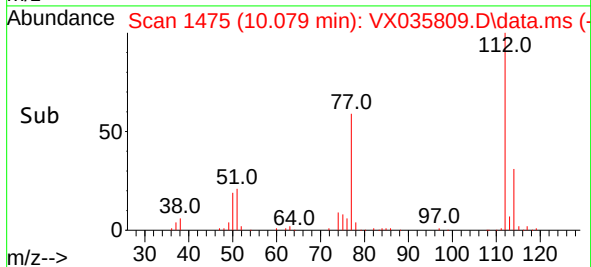
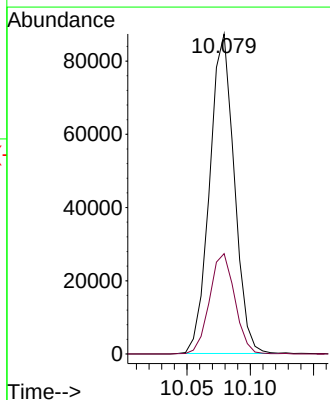
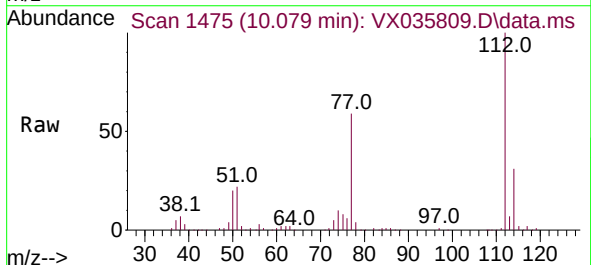
Manual Integrations
APPROVED

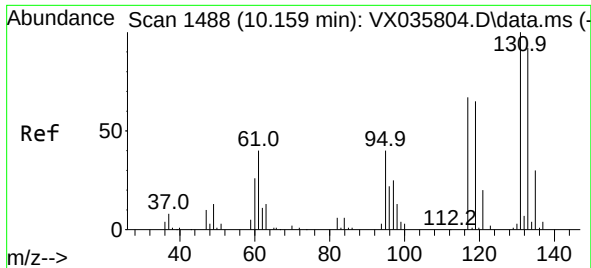
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Chlorobenzene
Concen: 19.518 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

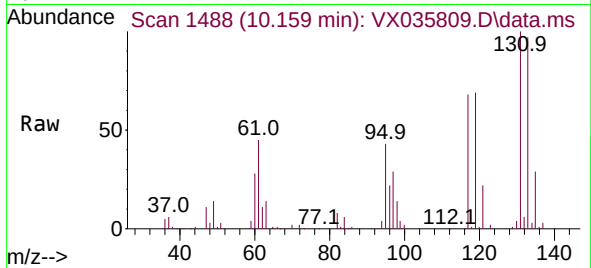
Tgt Ion:112 Resp: 118223
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.202 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

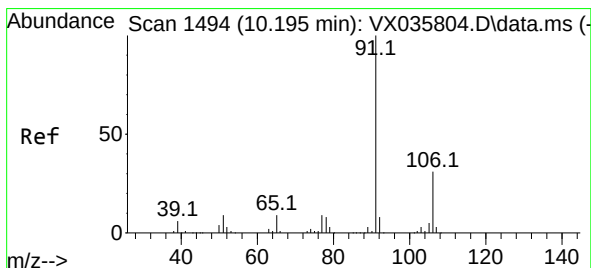
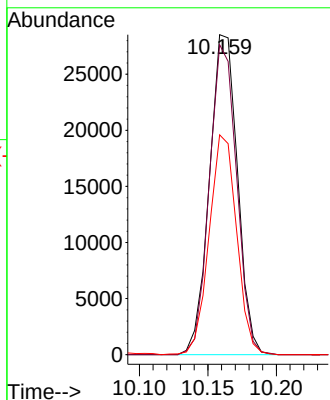
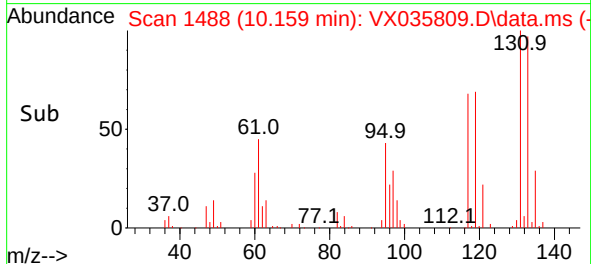
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion:131 Resp: 4066
Ion Ratio Lower Upper
131 100
133 94.1 0.0 186.6
119 67.2 0.0 128.6

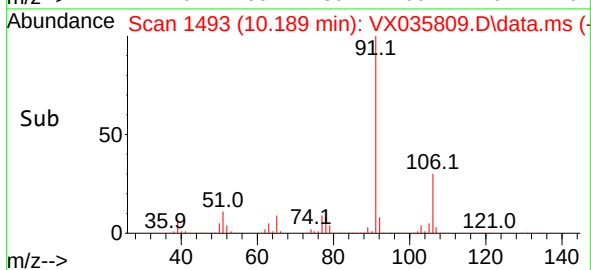
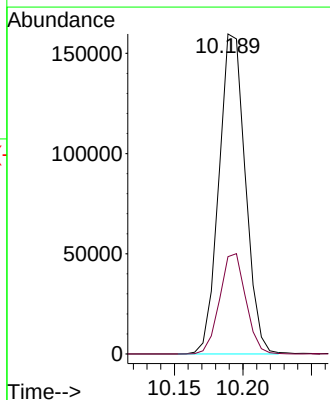
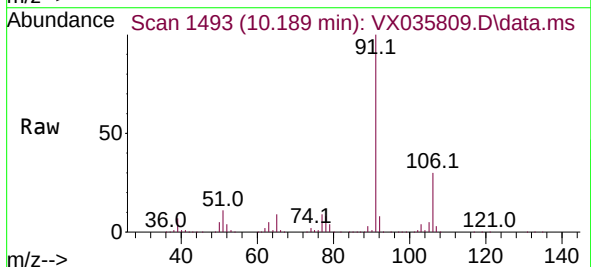
Manual Integrations
APPROVED

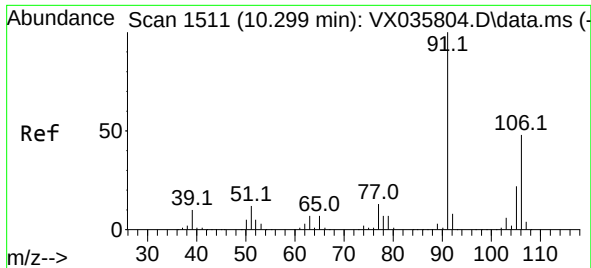
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 20.017 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 91 Resp: 214107
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





#67

m/p-Xylenes

Concen: 40.377 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

Tgt Ion:106 Resp: 163469

Ion Ratio Lower Upper

106 100

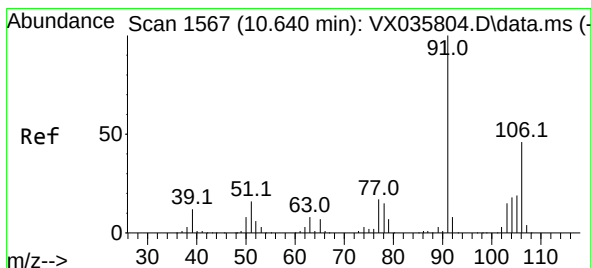
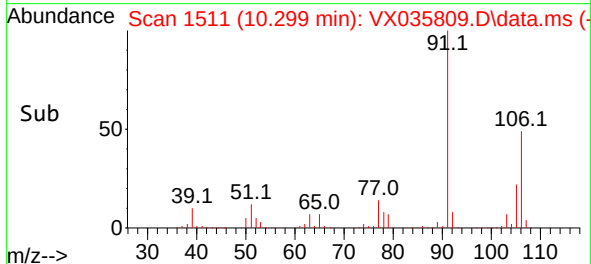
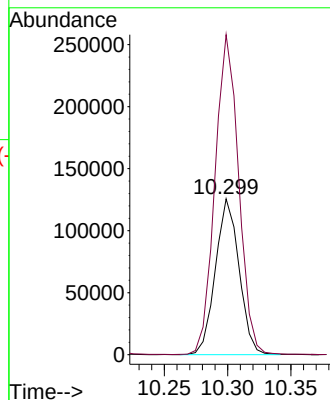
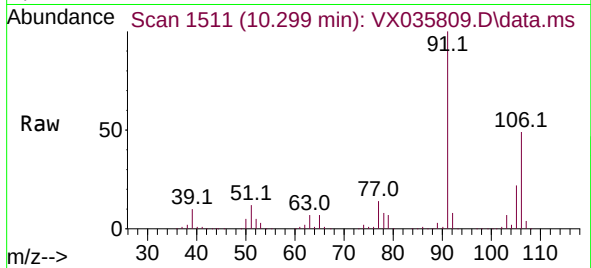
91 204.7 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#68

o-Xylene

Concen: 19.962 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035809.D

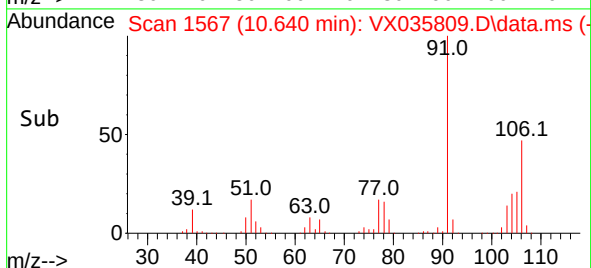
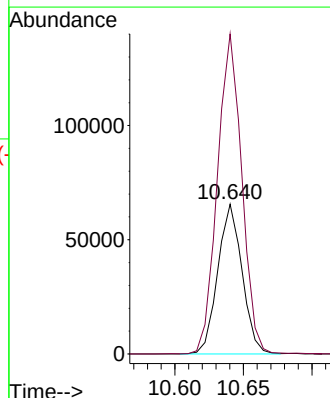
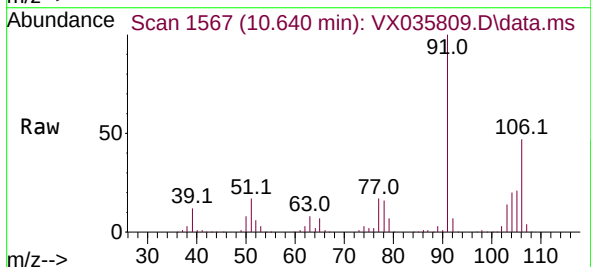
Acq: 23 May 2023 12:41

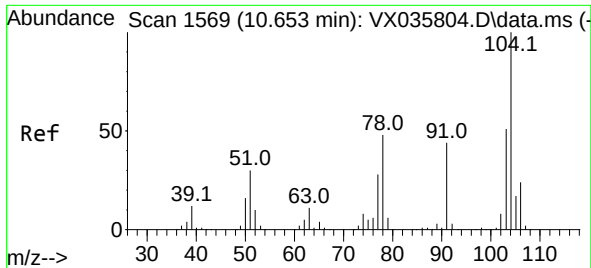
Tgt Ion:106 Resp: 80840

Ion Ratio Lower Upper

106 100

91 214.3 108.9 326.8





#69
Styrene
Concen: 19.780 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

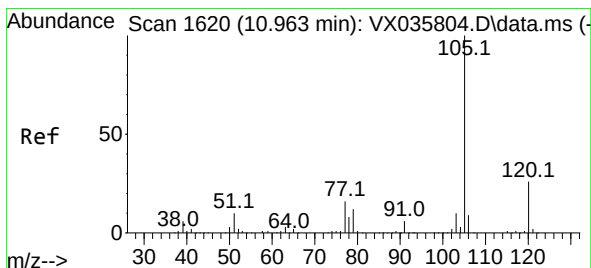
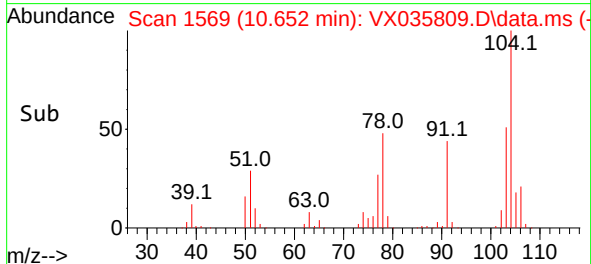
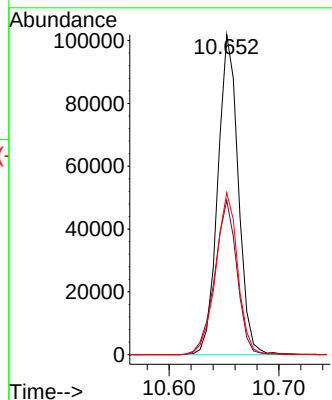
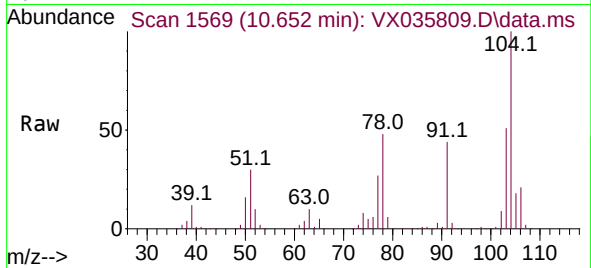
ICVVX052323

Tgt Ion:104 Resp: 132200
Ion Ratio Lower Upper
104 100
78 52.5 42.8 64.2
103 54.7 43.8 65.8

Manual Integrations

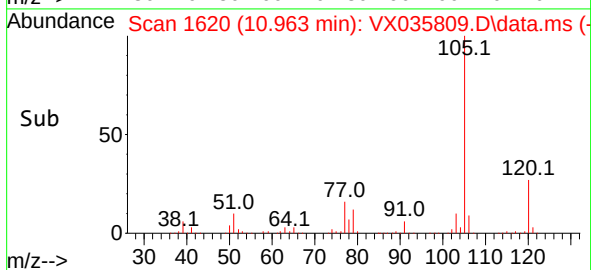
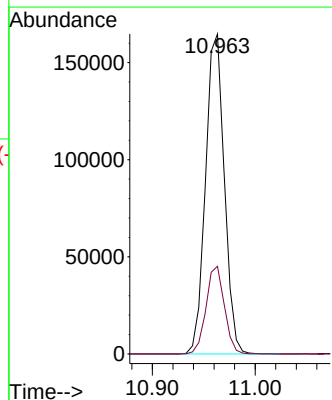
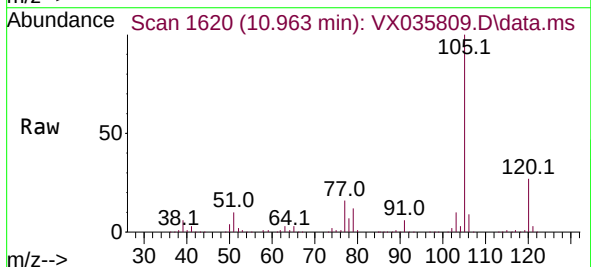
APPROVED

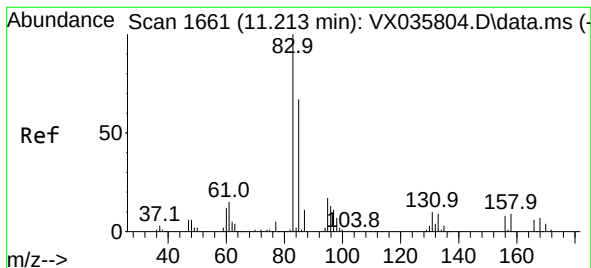
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Isopropylbenzene
Concen: 20.285 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

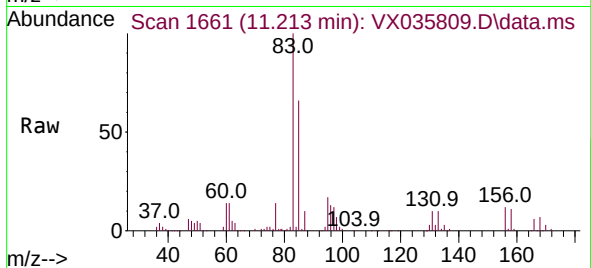
Tgt Ion:105 Resp: 209678
Ion Ratio Lower Upper
105 100
120 26.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.977 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

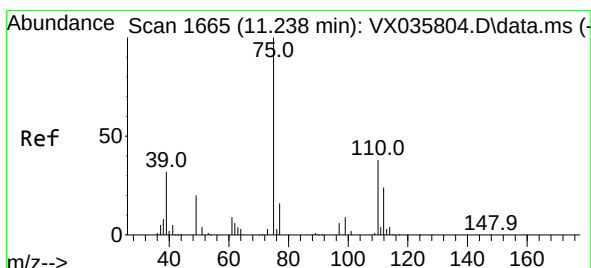
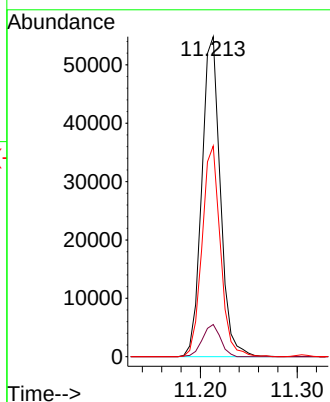
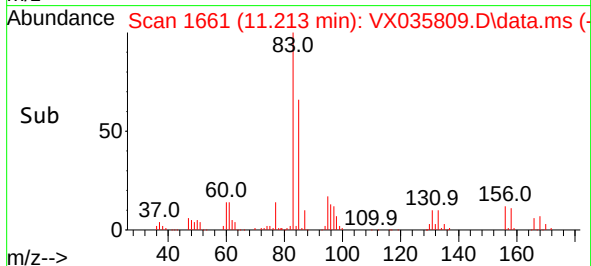
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion: 83 Resp: 7314
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.2 31.9 95.5

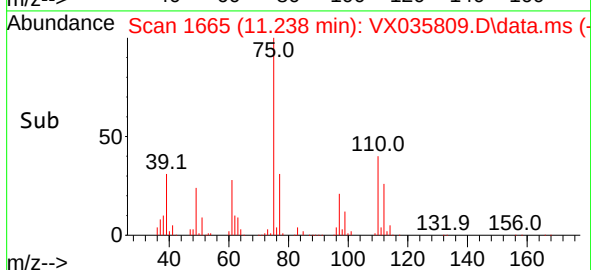
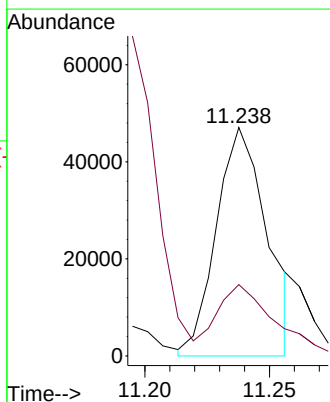
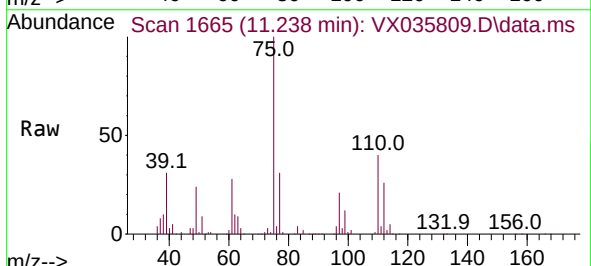
Manual Integrations
APPROVED

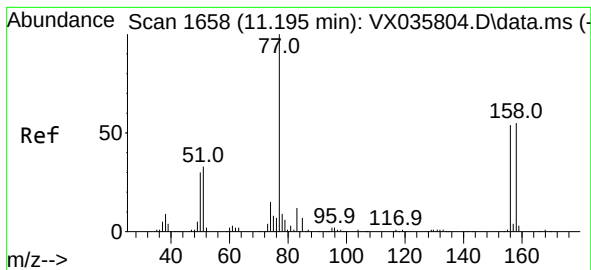
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#72
1,2,3-Trichloropropane
Concen: 20.938 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 75 Resp: 66764
Ion Ratio Lower Upper
75 100
77 35.8 0.0 73.8





#73

Bromobenzene

Concen: 19.469 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052323

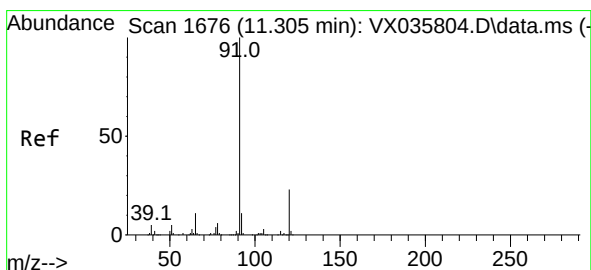
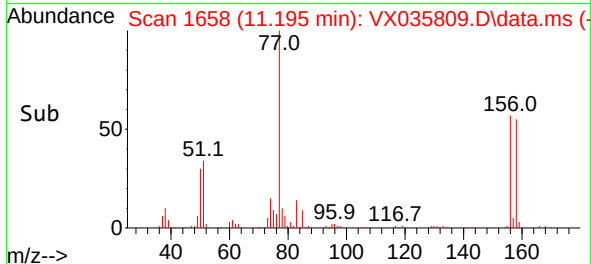
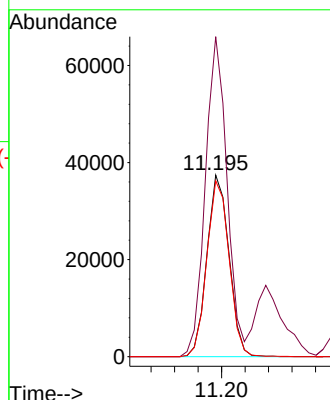
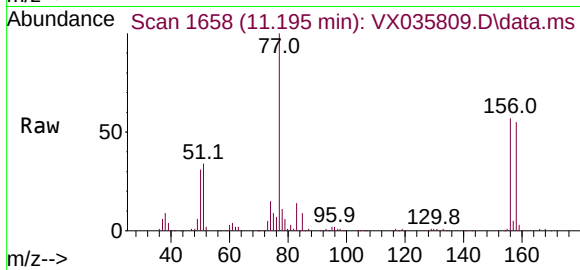
Tgt Ion:	156	Resp:	4889
Ion Ratio	Lower	Upper	
156	100		
77	172.7	0.0	330.8
158	97.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 20.414 ug/l

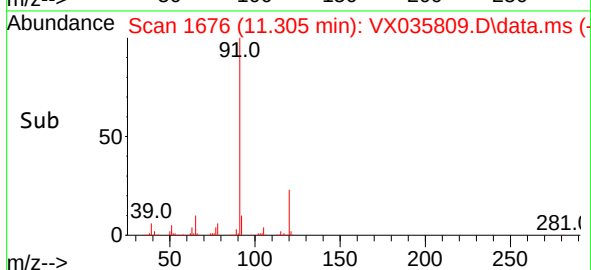
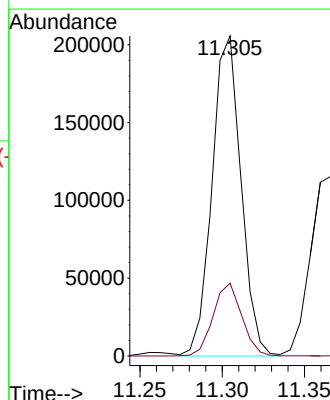
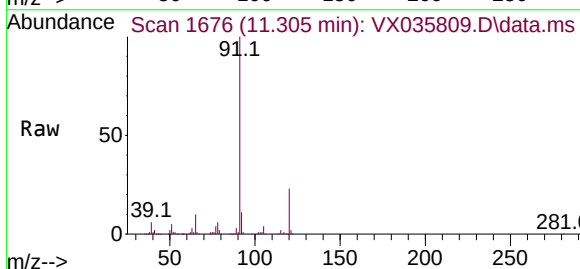
RT: 11.305 min Scan# 1676

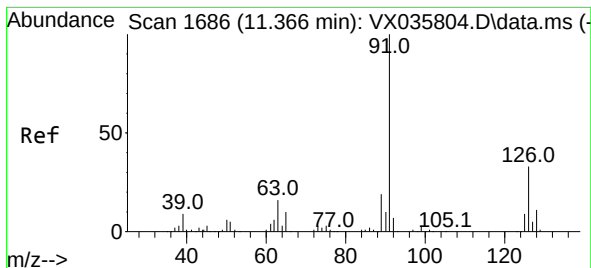
Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Tgt Ion:	91	Resp:	251520
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.8





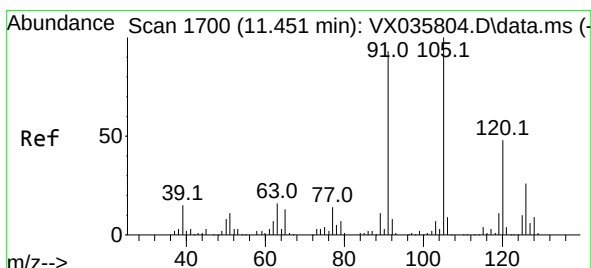
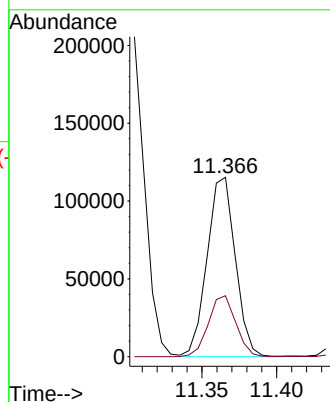
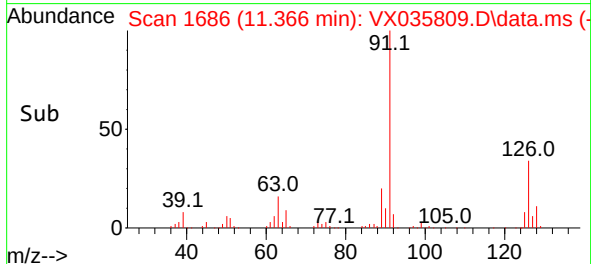
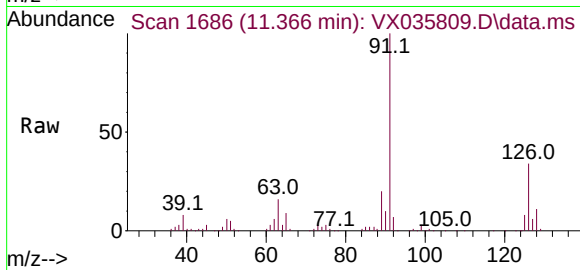
#75
2-Chlorotoluene
Concen: 20.025 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323

Tgt Ion: 91 Resp: 15155
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

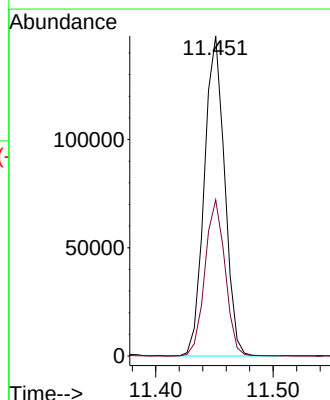
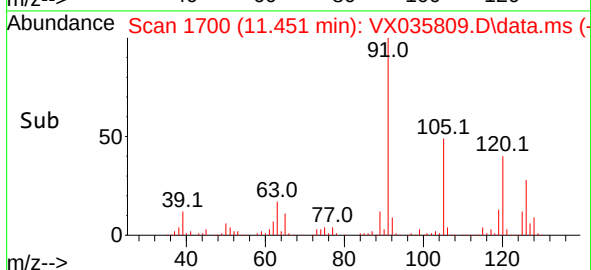
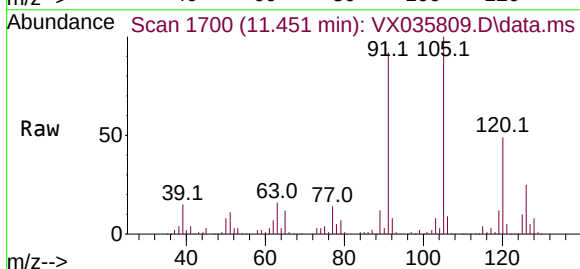
Manual Integrations
APPROVED

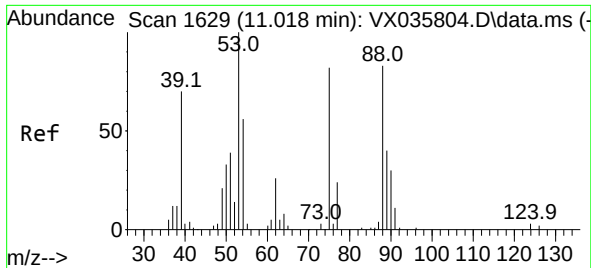
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.226 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

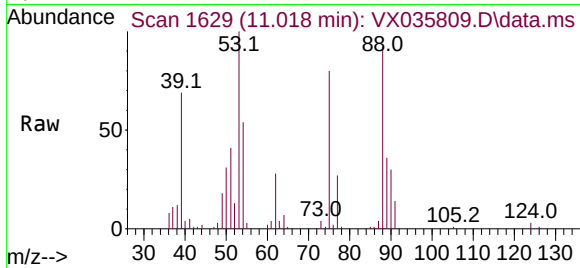
Tgt Ion:105 Resp: 177566
Ion Ratio Lower Upper
105 100
120 48.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.829 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

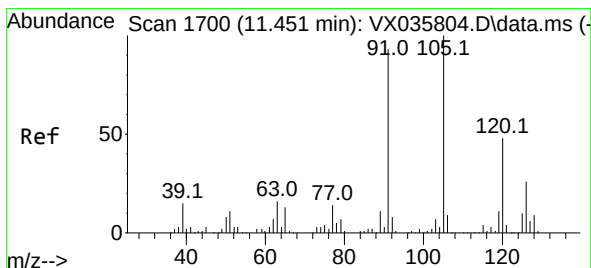
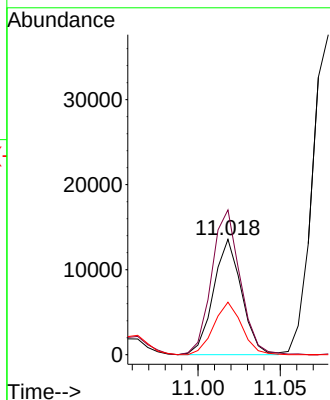
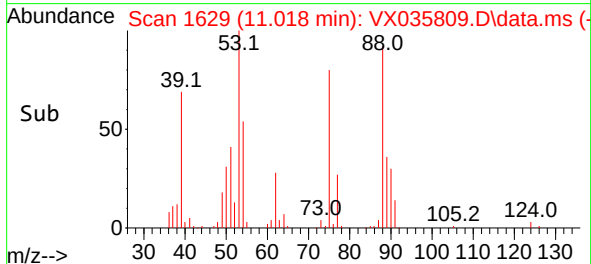
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



Tgt Ion: 75 Resp: 16188
Ion Ratio Lower Upper
75 100
53 125.5 58.2 174.6
89 45.5 20.6 61.8

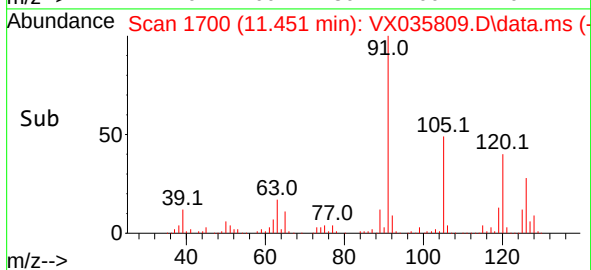
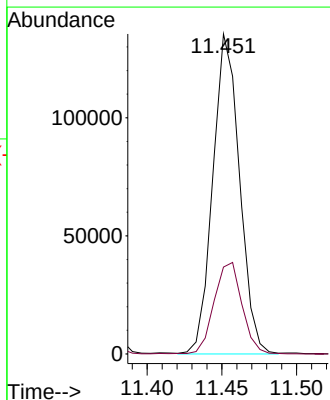
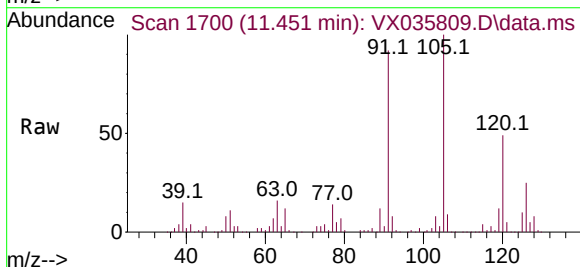
Manual Integrations
APPROVED

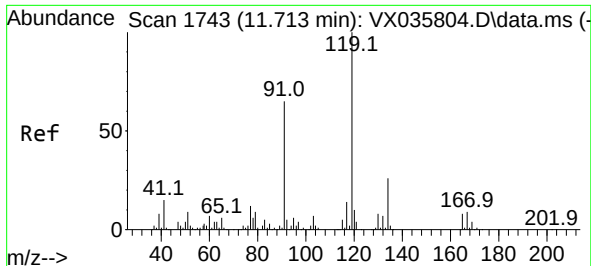
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 19.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion: 91 Resp: 168352
Ion Ratio Lower Upper
91 100
126 29.8 0.0 56.8





#79

tert-butylbenzene

Concen: 20.226 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVX052323

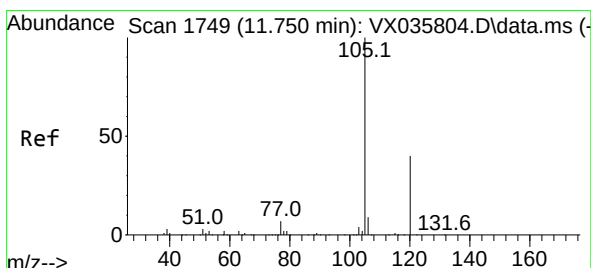
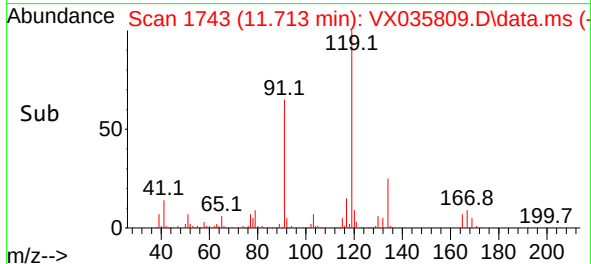
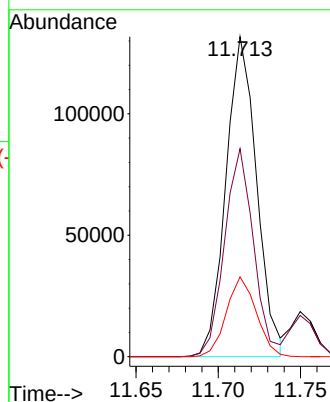
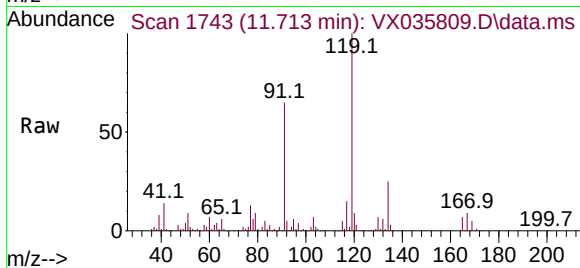
Tgt Ion:	119	Resp:	17142
Ion Ratio	Lower	Upper	
119	100		
91	61.6	0.0	122.4
134	24.3	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#80

1,2,4-Trimethylbenzene

Concen: 19.990 ug/l

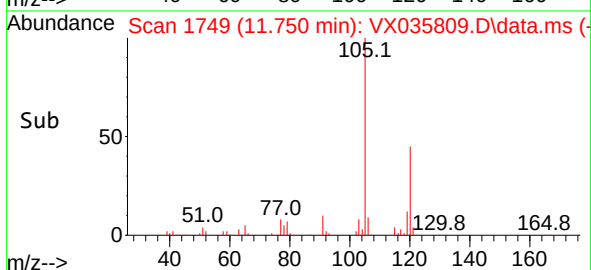
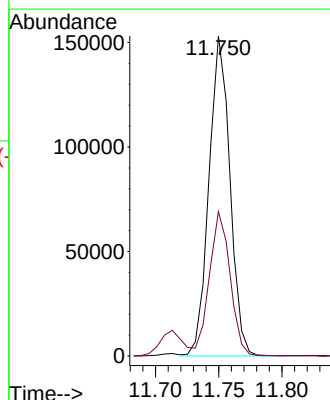
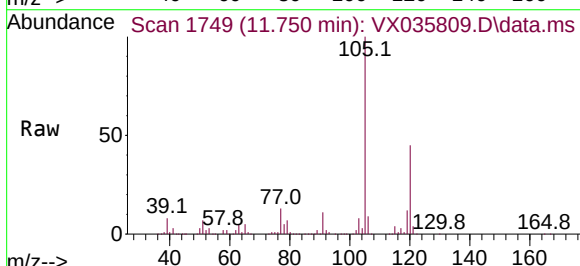
RT: 11.750 min Scan# 1749

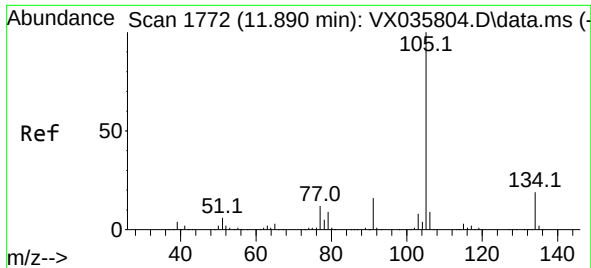
Delta R.T. -0.000 min

Lab File: VX035809.D

Acq: 23 May 2023 12:41

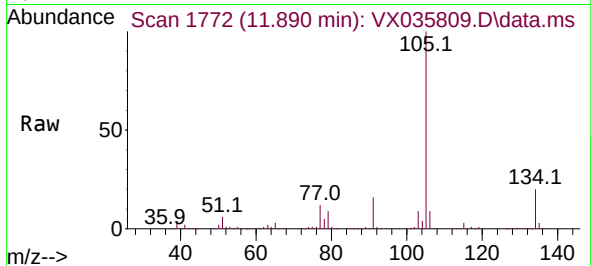
Tgt Ion:	105	Resp:	176365
Ion Ratio	Lower	Upper	
105	100		
120	44.2	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 20.752 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035809.D
 Acq: 23 May 2023 12:41

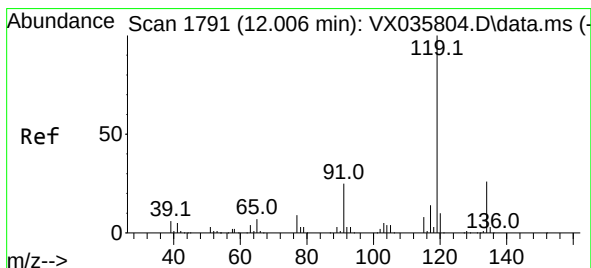
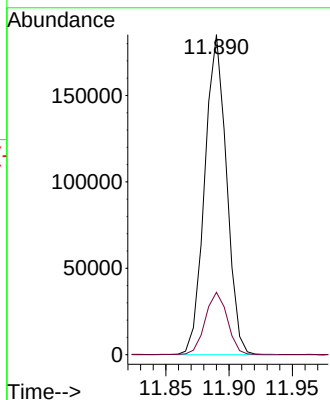
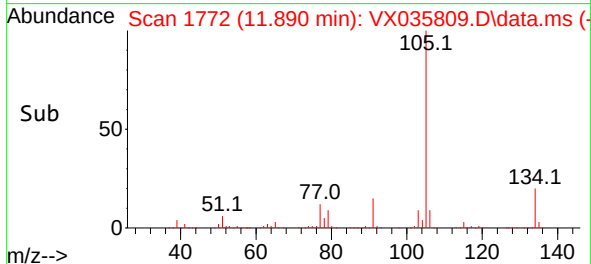
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052323



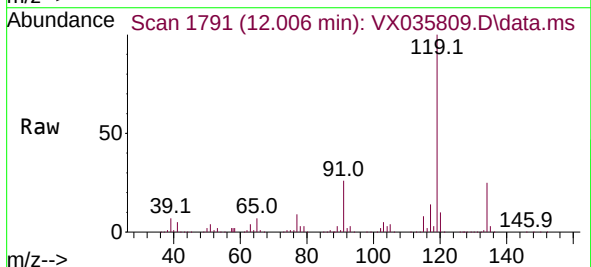
Tgt Ion:105 Resp: 222052
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.2

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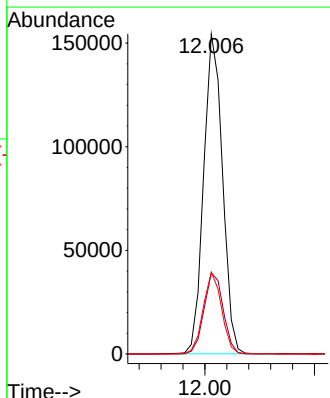
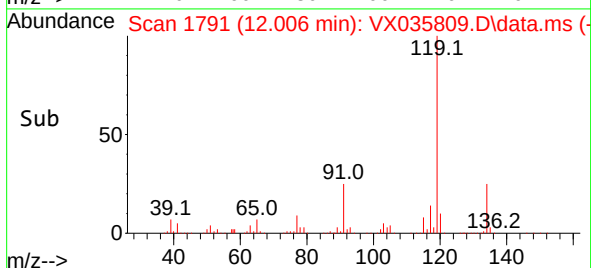
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

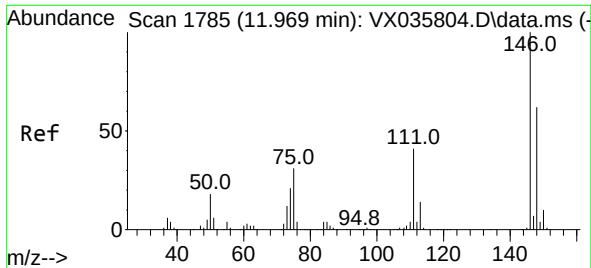


#82
 p-Isopropyltoluene
 Concen: 20.670 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035809.D
 Acq: 23 May 2023 12:41



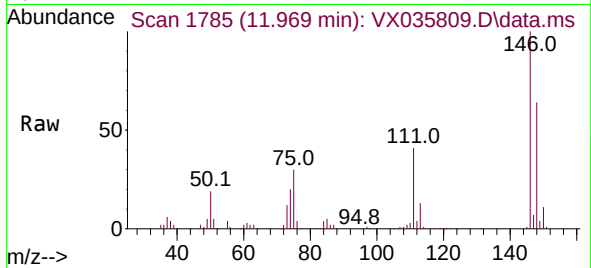
Tgt Ion:119 Resp: 184001
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 25.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.889 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

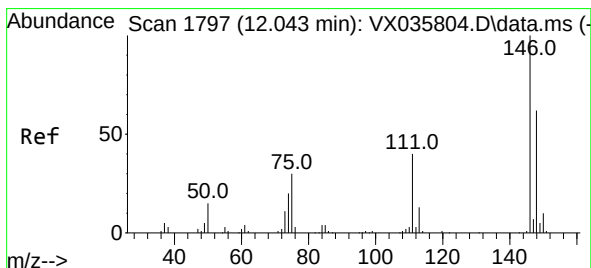
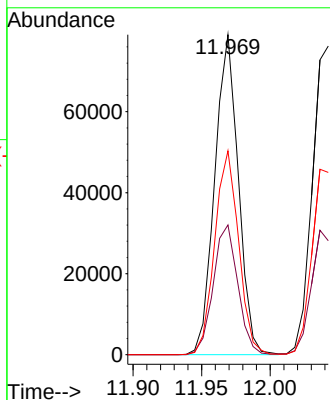
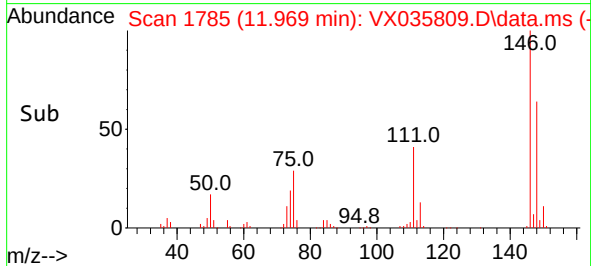
Instrument : MSVOA_X
ClientSampleId : ICVVX052323



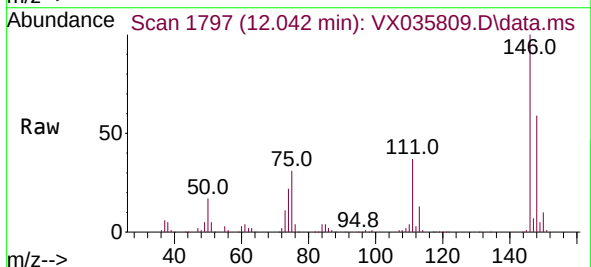
Tgt Ion:146 Resp: 94529
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.9
148 64.4 31.6 94.7

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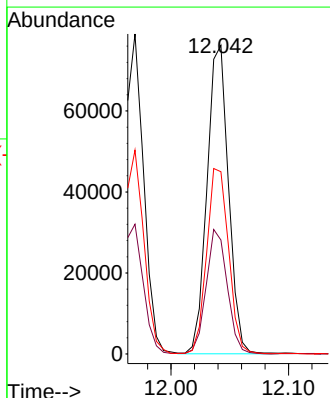
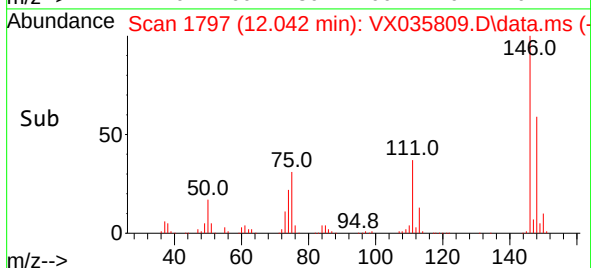
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

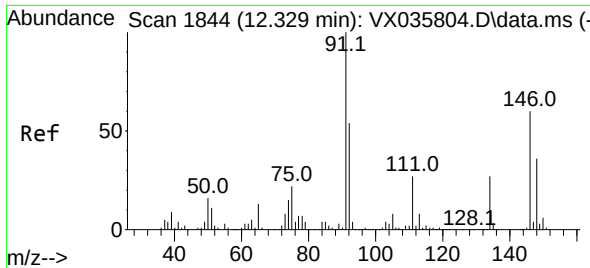


#84
1,4-Dichlorobenzene
Concen: 20.242 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



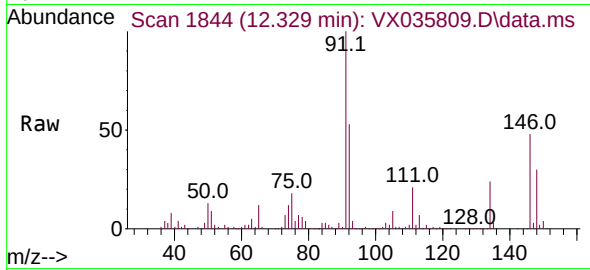
Tgt Ion:146 Resp: 96564
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 61.4 31.8 95.3





#85
n-Butylbenzene
Concen: 20.456 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

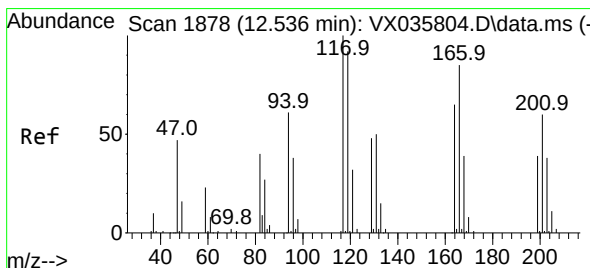
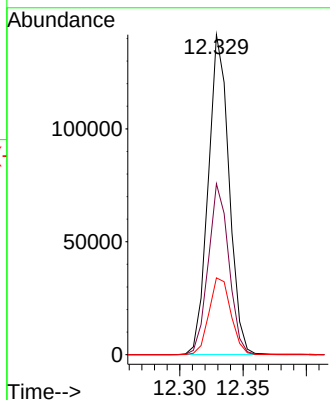
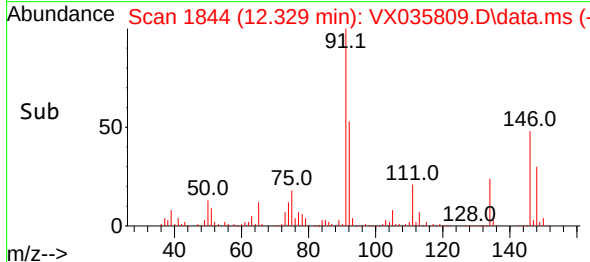
Instrument :
MSVOA_X
ClientSampleId :
ICVX052323



Tgt Ion: 91 Resp: 16200
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.6
134 25.2 0.0 49.8

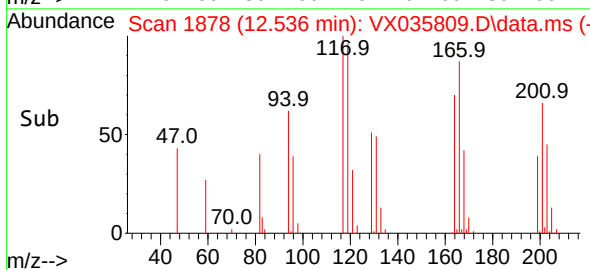
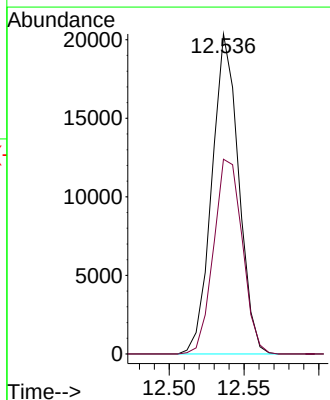
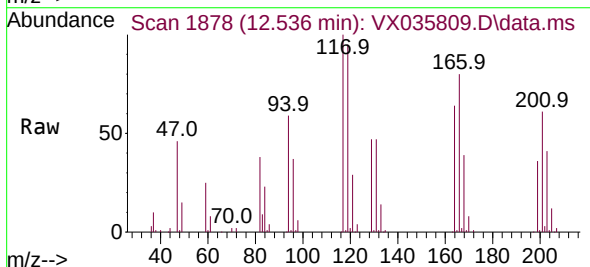
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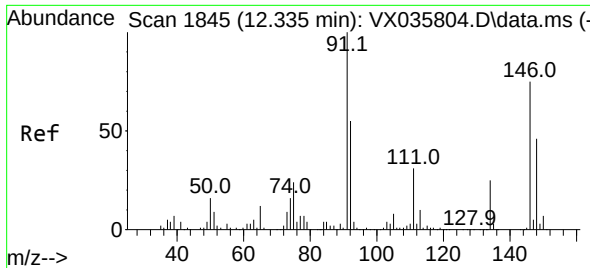
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 18.088 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Tgt Ion:117 Resp: 25357
Ion Ratio Lower Upper
117 100
201 65.4 35.4 106.2





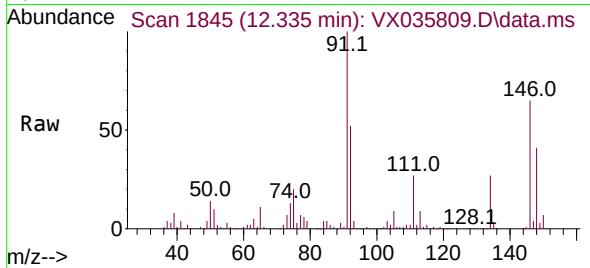
#87
1,2-Dichlorobenzene
Concen: 20.493 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVX052323



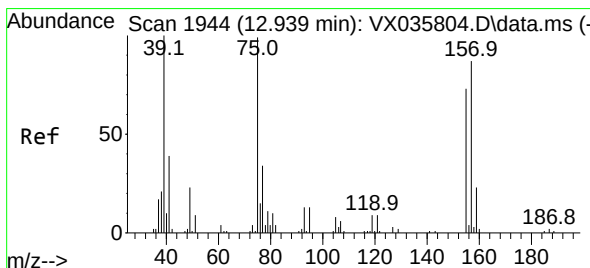
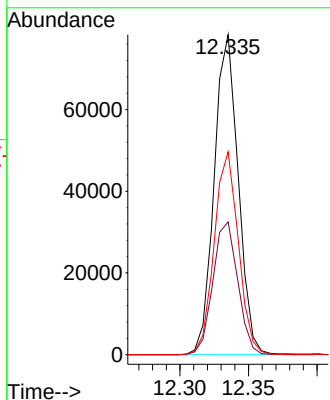
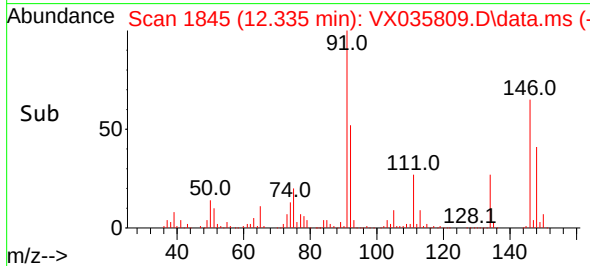
Tgt Ion:146 Resp: 95432
Ion Ratio Lower Upper
146 100
111 43.1 21.3 64.0
148 63.8 31.7 95.1

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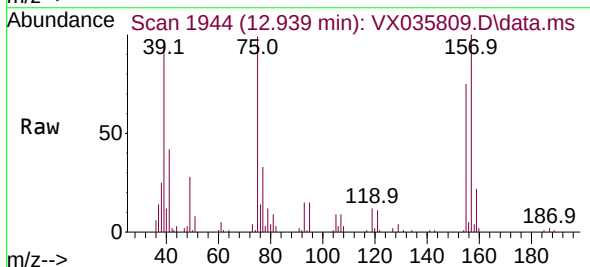
APPROVED

Reviewed By :John Carlone 05/25/2023

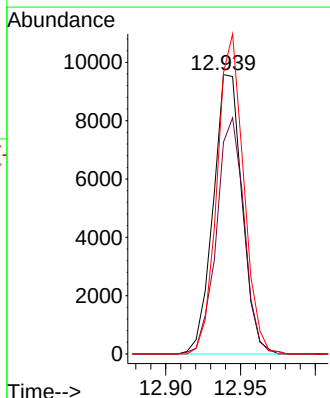
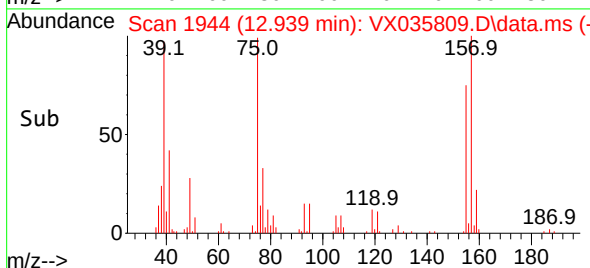
Supervised By :Mahesh Dadoda 05/25/2023

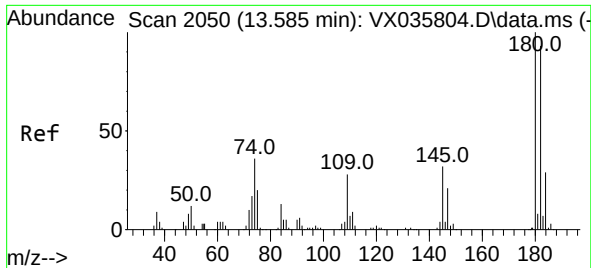


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.381 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



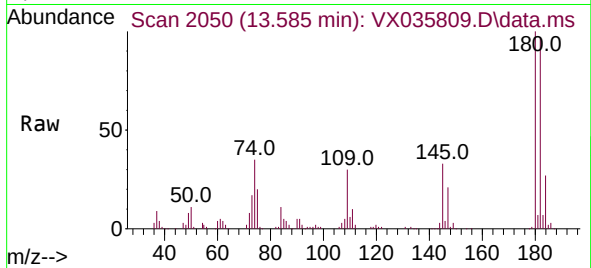
Tgt Ion: 75 Resp: 12862
Ion Ratio Lower Upper
75 100
155 80.7 63.7 95.5
157 105.0 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 20.658 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

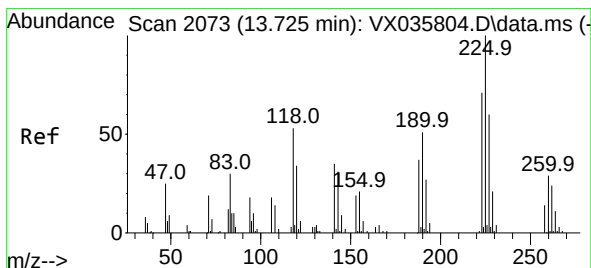
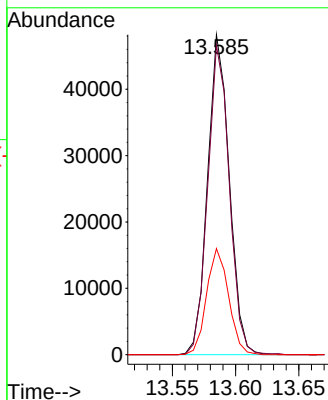
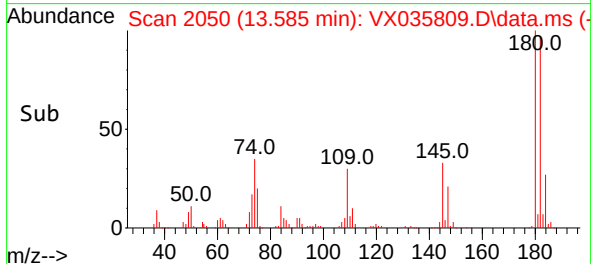
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



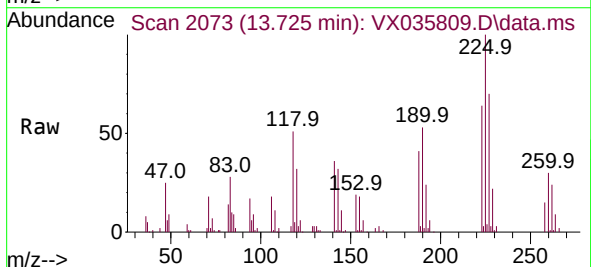
Tgt Ion:180 Resp: 5765
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.8
145 33.5 25.8 38.6

Manual Integrations
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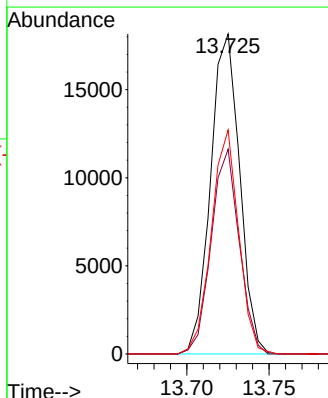
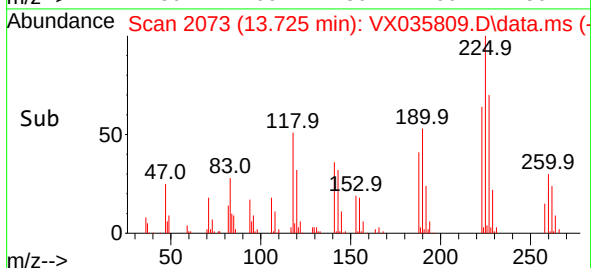
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

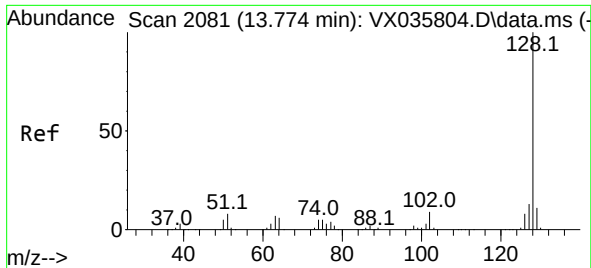


#90
Hexachlorobutadiene
Concen: 21.739 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



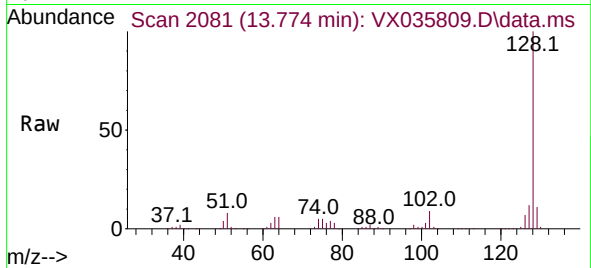
Tgt Ion:225 Resp: 22365
Ion Ratio Lower Upper
225 100
223 61.7 0.0 124.2
227 65.7 0.0 122.8





#91
Naphthalene
Concen: 20.411 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41

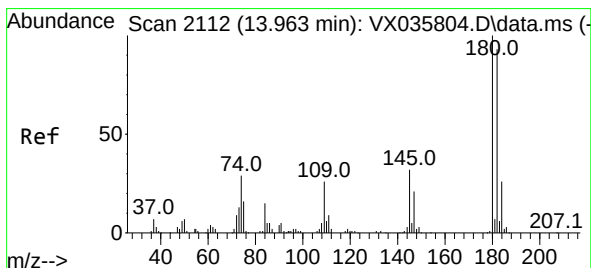
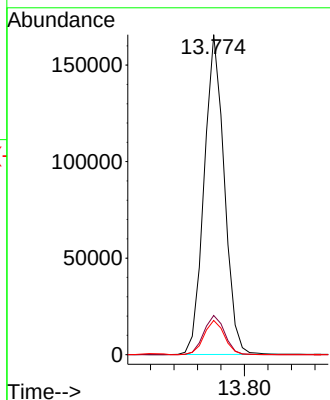
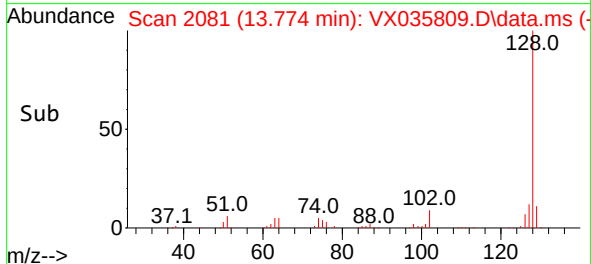
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052323



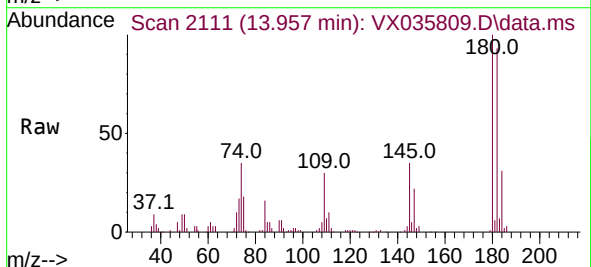
Tgt Ion:128 Resp: 197120
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.422 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035809.D
Acq: 23 May 2023 12:41



Tgt Ion:180 Resp: 56906
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 35.4 0.0 66.8

