

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035803.D
 Acq On : 23 May 2023 09:19
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: May 23 11:18:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:17:24 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.891	128	35890	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	195066	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	181271	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	88518	26.327	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.767%#		
60) 4-Bromofluorobenzene	11.079	95	88988	25.194	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.967%		
63) Toluene-d8	8.647	98	234107	35.861	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	119.533%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7789	2.592	ug/l	92
3) Chloromethane	1.294	50	11633	2.965	ug/l	91
4) Vinyl Chloride	1.374	62	10496	2.718	ug/l	98
5) Bromomethane	1.618	94	7956	3.111	ug/l	98
6) Chloroethane	1.691	64	6324	2.507	ug/l	99
7) Trichlorofluoromethane	1.886	101	14981	2.458	ug/l	95
8) Diethyl Ether	2.130	74	7187	3.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	7344	2.367	ug/l	98
10) 1,1-Dichloroethene	2.313	96	8591	2.686	ug/l	96
11) Methyl Iodide	2.447	142	8721	2.138	ug/l	87
12) Methyl Acetate	2.709	43	23522	3.200	ug/l	98
13) Acrolein	2.239	56	12226	15.180	ug/l	96
14) Acrylonitrile	3.068	53	31917	16.036	ug/l	99
15) Acetone	2.404	58	11036	20.045	ug/l	95
16) Carbon Disulfide	2.508	76	16239	2.010	ug/l	97
17) Allyl chloride	2.660	41	15892	2.543	ug/l	94
18) Methylene Chloride	2.782	84	12280	3.221	ug/l	93
19) trans-1,2-Dichloroethene	3.087	96	10037	2.834	ug/l	95
20) Diisopropyl ether	3.757	45	39344	3.062	ug/l	93
21) 1,1-Dichloroethane	3.605	63	19769	2.883	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	12399	2.999	ug/l	95
23) tert-Butyl Alcohol	3.093	59	10501m	11.913	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	36456	3.025	ug/l	94
25) Chloroform	5.080	83	21399	3.056	ug/l	97
26) Cyclohexane	5.464	56	13794	2.360	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	13163	3.192	ug/l	76
30) 2-Butanone	4.568	43	46746	19.782	ug/l #	95
31) 2,2-Dichloropropane	4.471	77	13136	3.114	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	15052m	3.111	ug/l	
33) Carbon Tetrachloride	5.678	117	10764	2.708	ug/l	95
34) Benzene	6.031	78	46056	3.797	ug/l	98
35) Methacrylonitrile	4.928	41	9488m	3.680	ug/l	
36) 1,2-Dichloroethane	6.080	62	17706	3.700	ug/l	97
37) Trichloroethene	7.123	130	11294	3.650	ug/l	90
38) Methylcyclohexane	7.373	83	12873	2.936	ug/l	97
39) 1,2-Dichloropropane	7.427	63	12396	3.906	ug/l	94
40) Dibromomethane	7.580	93	7903	3.636	ug/l	97
41) Bromodichloromethane	7.818	83	12597	3.079	ug/l	99
42) Vinyl Acetate	3.721	43	133407	17.724	ug/l	100

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: May 23 11:18:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	18408	4.063	ug/l #	77
44) Isopropyl Acetate	6.336	43	27697	3.615	ug/l	97
45) 1,4-Dioxane	7.775	88	5068m	66.755	ug/l	
46) Methyl methacrylate	7.690	41	13213	3.532	ug/l	94
47) n-amyl Acetate	10.841	43	21801	3.275	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	13184	2.948	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	15111	3.074	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	11857	3.880	ug/l	96
51) Ethyl methacrylate	9.116	69	16640	3.396	ug/l	91
52) 1,3-Dichloropropane	9.305	76	20758	3.859	ug/l	99
53) Dibromochloromethane	9.519	129	8771	2.928	ug/l	98
54) 1,2-Dibromoethane	9.604	107	11924	3.657	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	42650	16.448	ug/l	99
56) Bromoform	10.793	173	5291	2.569	ug/l #	98
58) 4-Methyl-2-Pentanone	8.574	43	88695	22.085	ug/l	100
59) 2-Hexanone	9.427	43	66642	21.932	ug/l	98
61) Tetrachloroethene	9.269	164	8474	3.666	ug/l	90
62) Toluene	8.714	91	47512	4.181	ug/l	98
64) Chlorobenzene	10.079	112	30398	4.314	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	9525	3.807	ug/l	100
66) Ethyl Benzene	10.189	91	51002	4.036	ug/l	100
67) m/p-Xylenes	10.299	106	39308	8.133	ug/l	98
68) o-Xylene	10.640	106	19655	4.109	ug/l	97
69) Styrene	10.652	104	30724	3.887	ug/l	98
70) Isopropylbenzene	10.963	105	47032	3.815	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	18261	4.451	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	15287m	4.161	ug/l	
73) Bromobenzene	11.201	156	12349	4.152	ug/l	96
74) n-propylbenzene	11.305	91	54468	3.781	ug/l	99
75) 2-Chlorotoluene	11.360	91	36335	4.041	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	40675	3.908	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	3299	2.895	ug/l	79
78) 4-Chlorotoluene	11.451	91	40773	3.943	ug/l	98
79) tert-butylbenzene	11.713	119	38050	3.832	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	40692	3.916	ug/l	100
81) sec-Butylbenzene	11.890	105	46122	3.826	ug/l	99
82) p-Isopropyltoluene	12.006	119	38383	3.767	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	23310	4.145	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	23503	4.151	ug/l	99
85) n-Butylbenzene	12.329	91	31888	3.637	ug/l	99
86) Hexachloroethane	12.536	117	5392	3.238	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	23337	4.230	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	2735	3.078	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	12030	3.649	ug/l	94
90) Hexachlorobutadiene	13.725	225	4160	3.374	ug/l	98
91) Naphthalene	13.774	128	41251	3.562	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	12714	3.875	ug/l	94

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

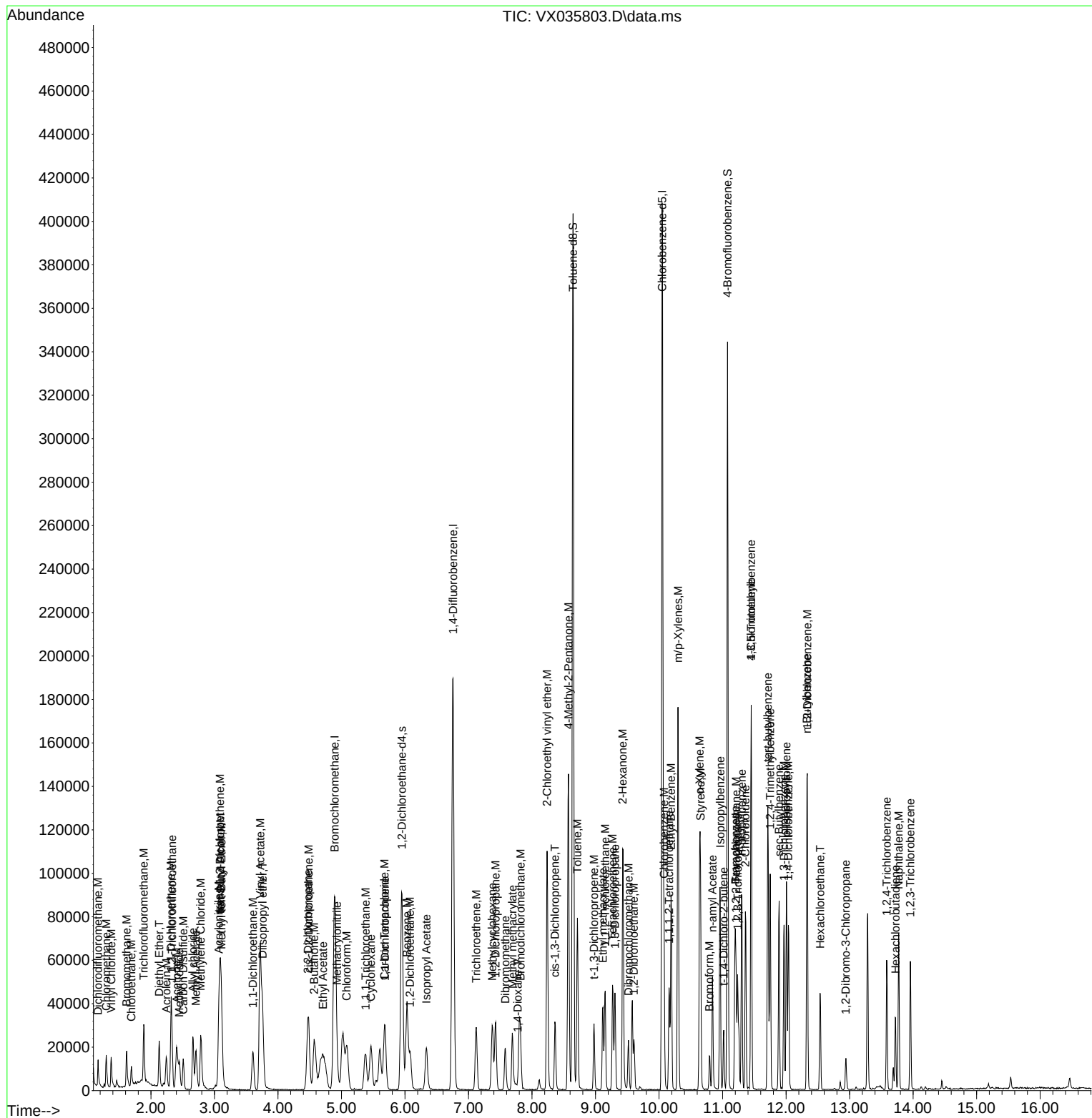
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
Data File : VX035803.D
Acq On : 23 May 2023 09:19
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

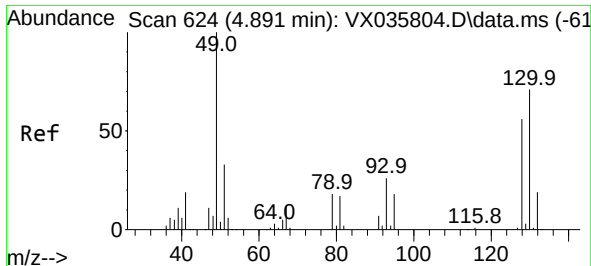
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: May 23 11:18:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:17:24 2023
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Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

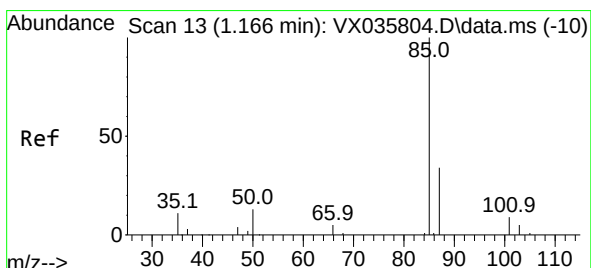
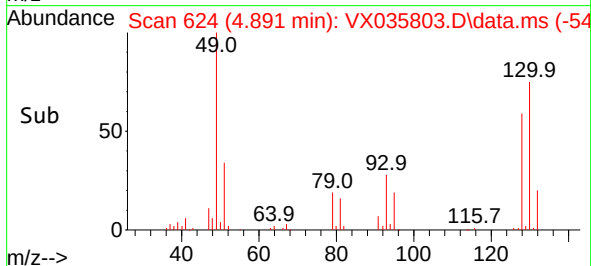
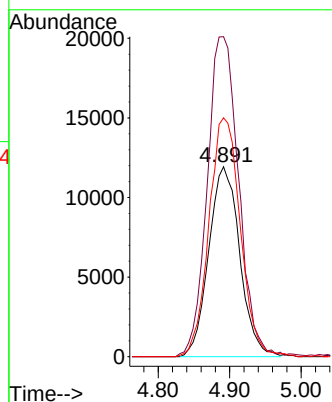
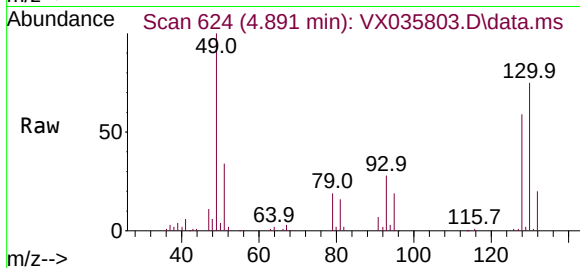
Tgt Ion:	128	Resp:	35890
Ion	Ratio	Lower	Upper
128	100		
49	171.0	0.0	428.8
130	127.7	0.0	310.8

Manual Integrations

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Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#2

Dichlorodifluoromethane

Concen: 2.592 ug/l

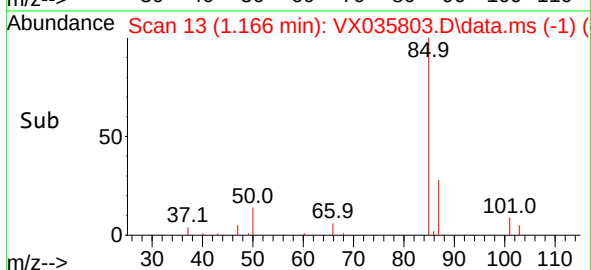
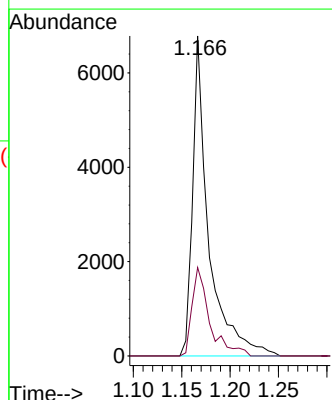
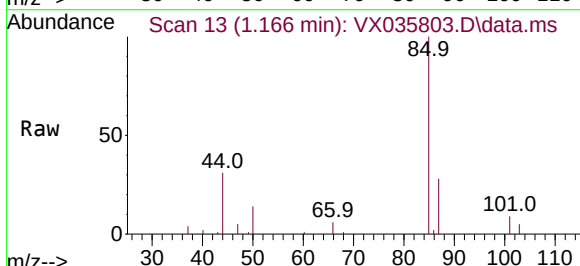
RT: 1.166 min Scan# 13

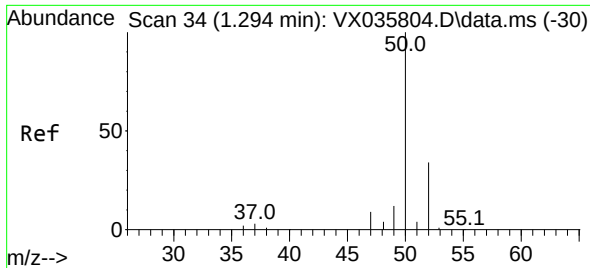
Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

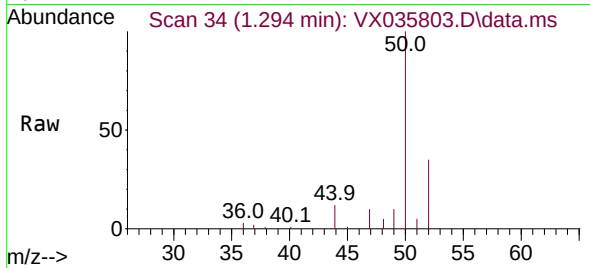
Tgt Ion:	85	Resp:	7789
Ion	Ratio	Lower	Upper
85	100		
87	27.7	16.0	48.0





#3
Chloromethane
Concen: 2.965 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

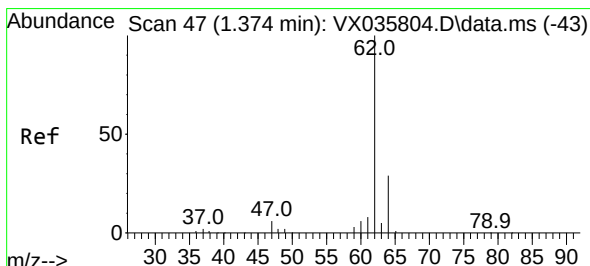
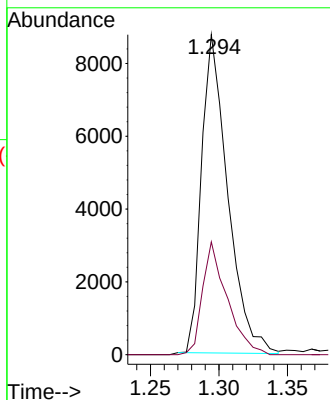
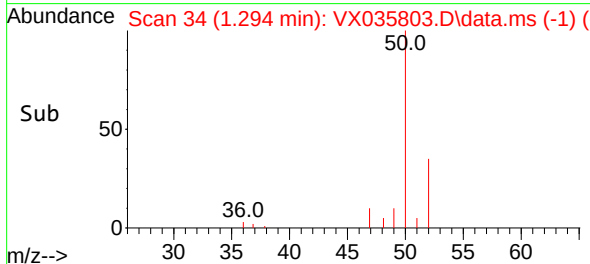
Instrument : MSVOA_X
ClientSampleId : VSTDICC005



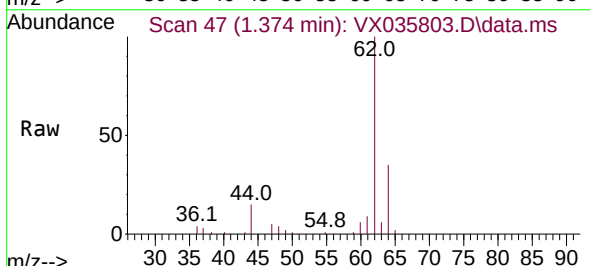
Tgt Ion: 50 Resp: 1163
Ion Ratio Lower Upper
50 100
52 35.5 24.6 36.8

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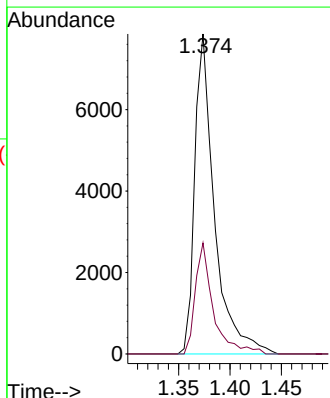
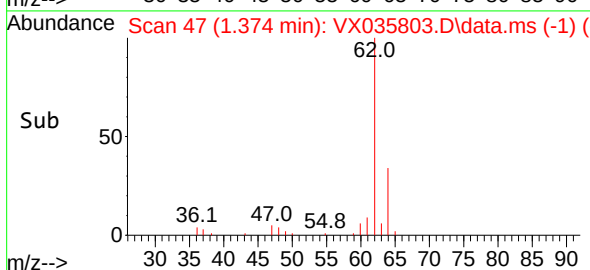
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

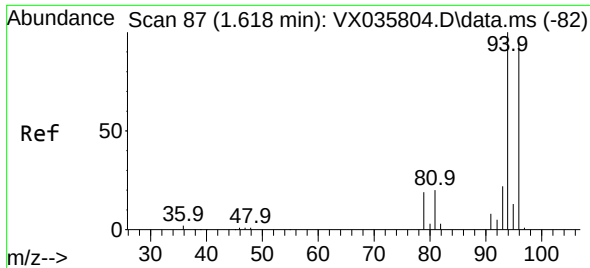


#4
Vinyl Chloride
Concen: 2.718 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion: 62 Resp: 10496
Ion Ratio Lower Upper
62 100
64 34.7 26.9 40.3





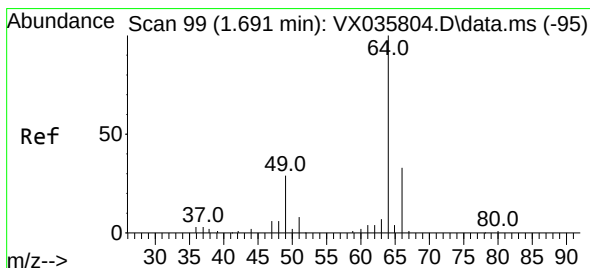
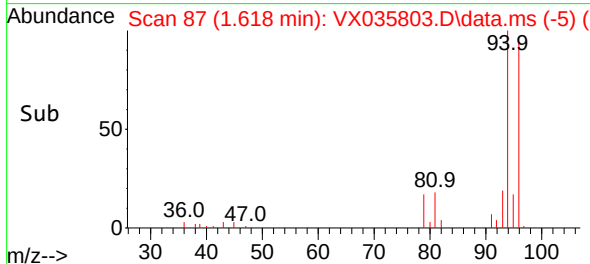
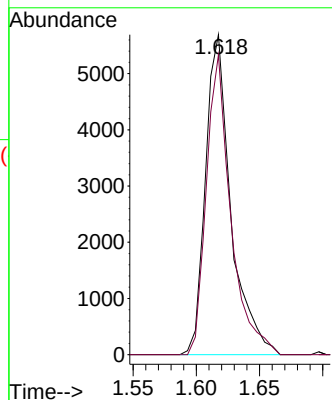
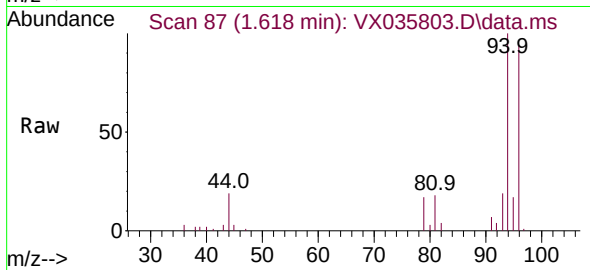
#5
Bromomethane
Concen: 3.111 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 7950
Ion Ratio Lower Upper
94 100
96 93.7 73.4 110.0

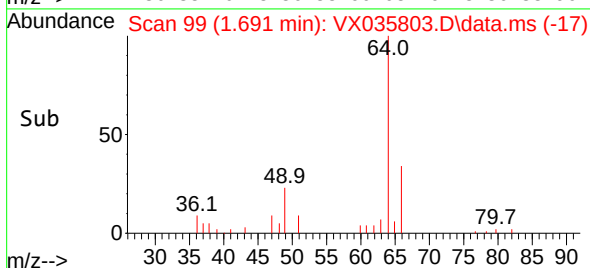
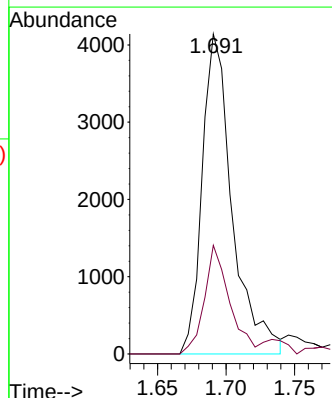
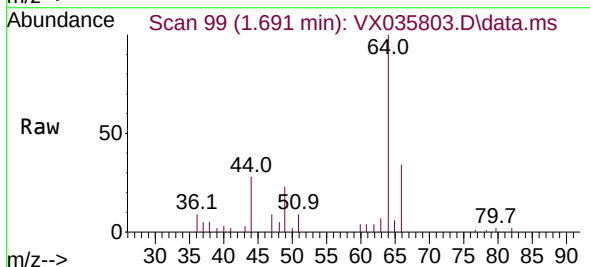
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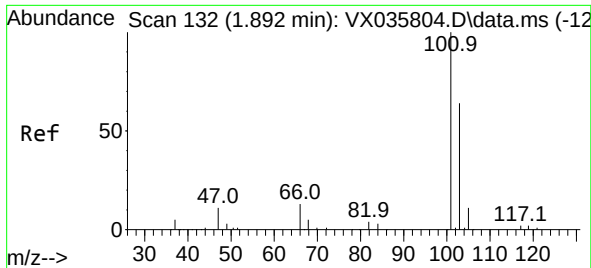
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 2.507 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 64 Resp: 6324
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0





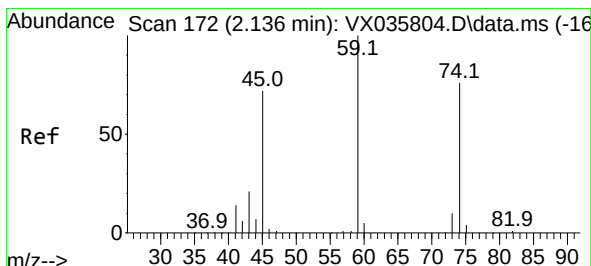
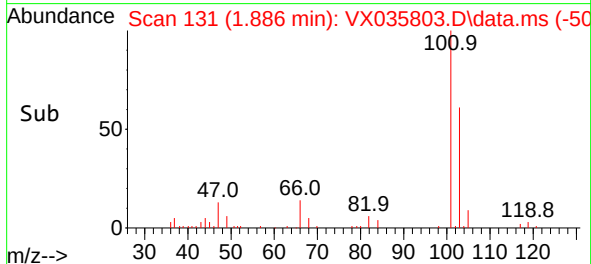
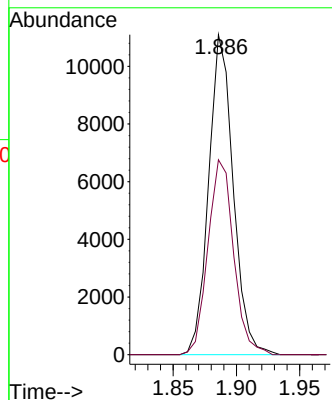
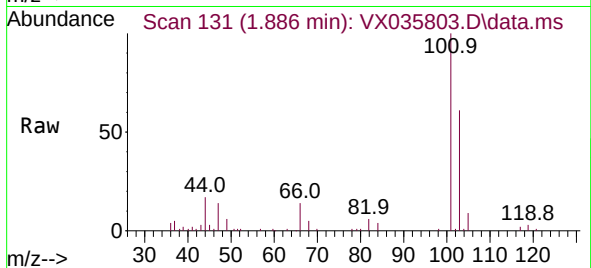
#7
Trichlorofluoromethane
Concen: 2.458 ug/l
RT: 1.886 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1498
Ion Ratio Lower Upper
101 100
103 60.9 52.1 78.1

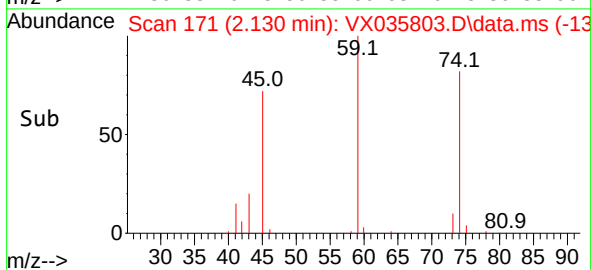
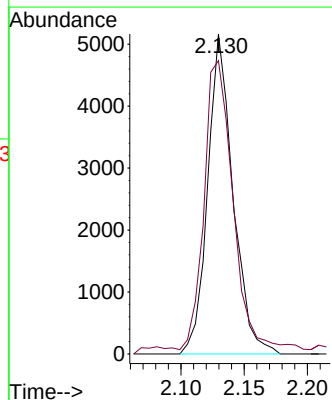
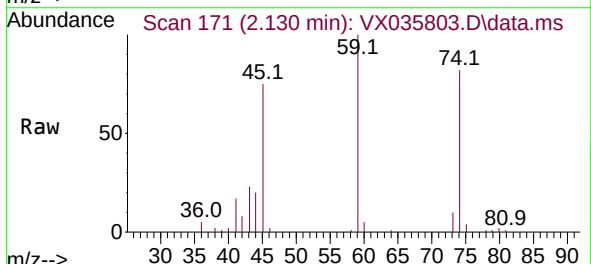
Manual Integrations
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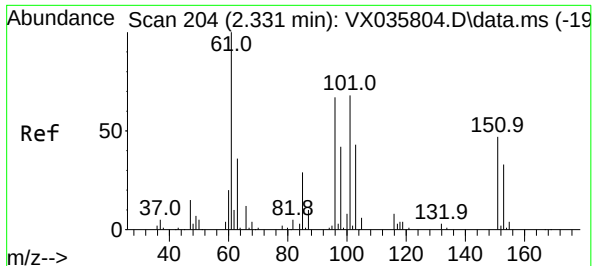
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 3.183 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 74 Resp: 7187
Ion Ratio Lower Upper
74 100
45 106.4 20.5 184.5





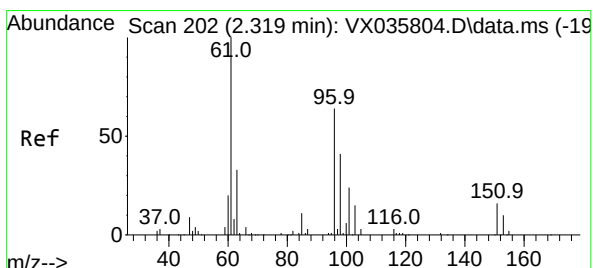
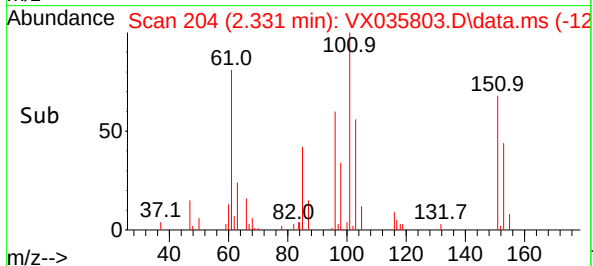
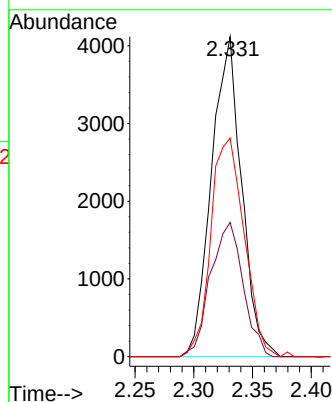
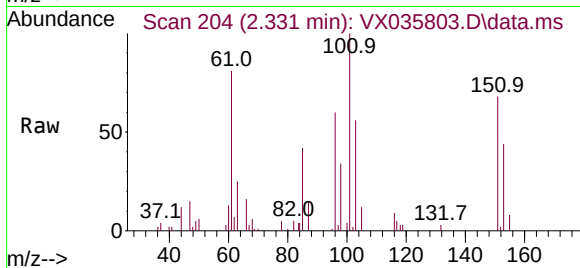
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.367 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 734
Ion Ratio Lower Upper
101 100
85 45.4 0.0 88.8
151 75.4 0.0 147.6

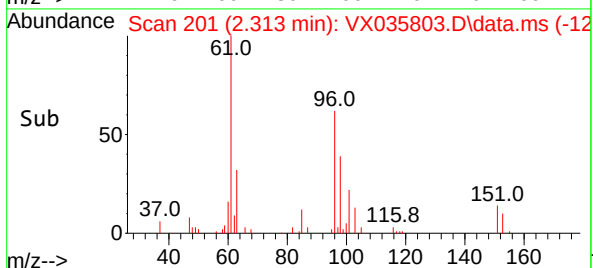
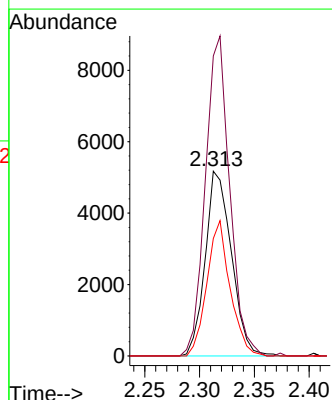
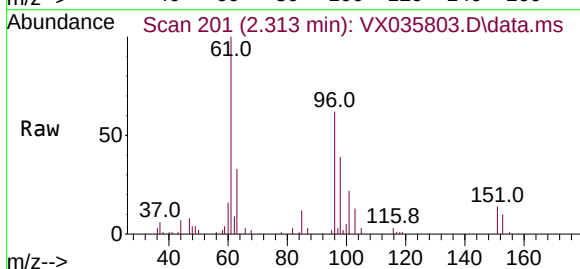
Manual Integrations
APPROVED

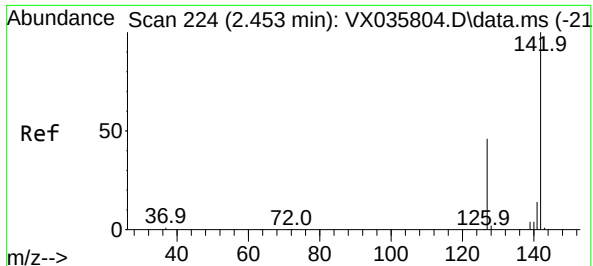
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 2.686 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

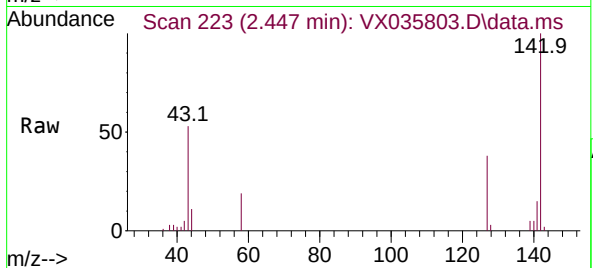
Tgt Ion: 96 Resp: 8591
Ion Ratio Lower Upper
96 100
61 162.3 135.8 203.6
98 63.5 49.8 74.6





#11
Methyl Iodide
Concen: 2.138 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

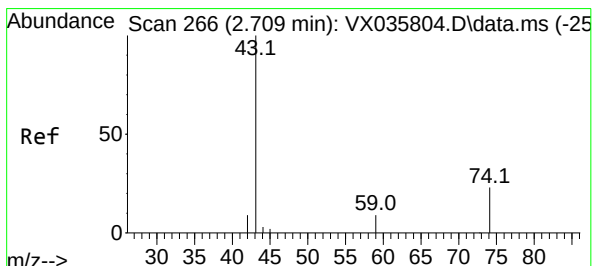
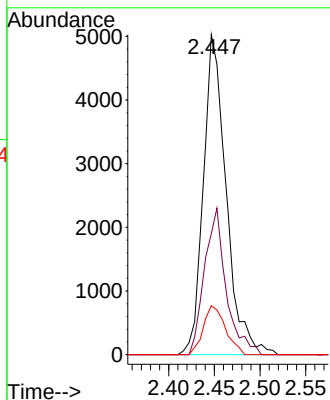
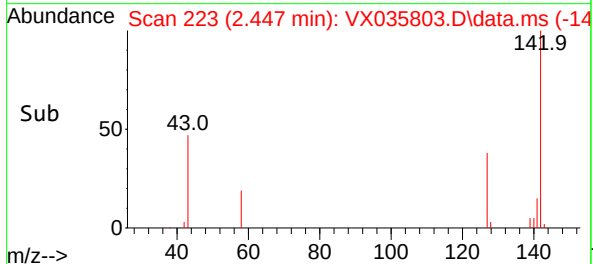
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 872
Ion Ratio Lower Upper
142 100
127 37.8 24.5 73.5
141 15.3 7.6 22.8

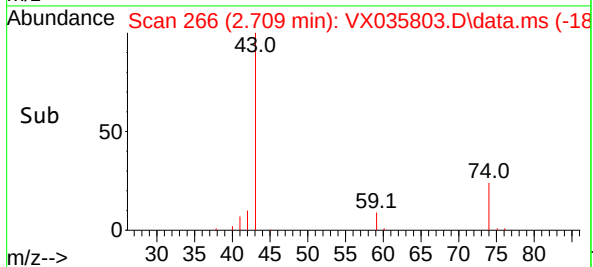
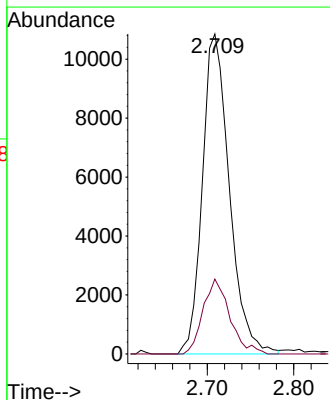
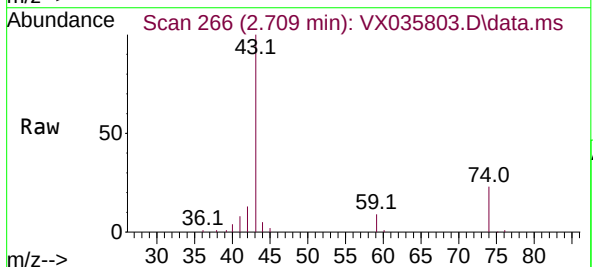
Manual Integrations
APPROVED

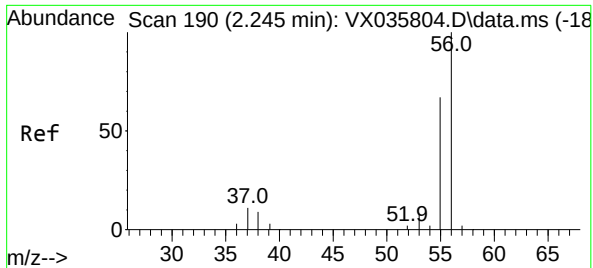
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
Methyl Acetate
Concen: 3.200 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 43 Resp: 23522
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0





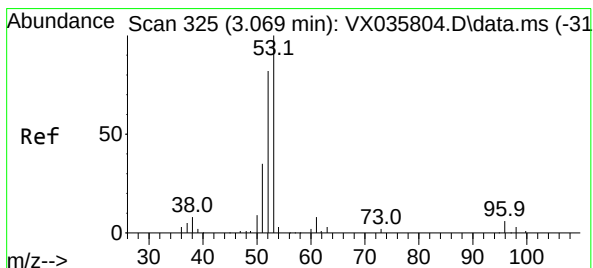
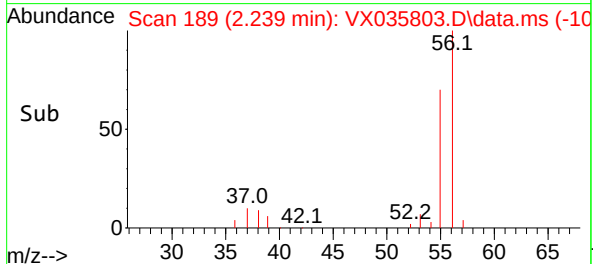
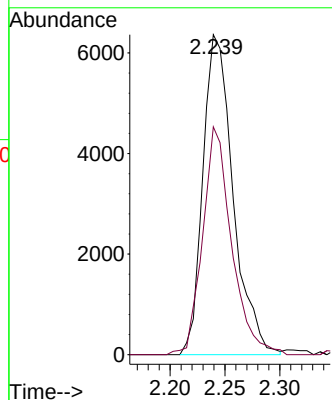
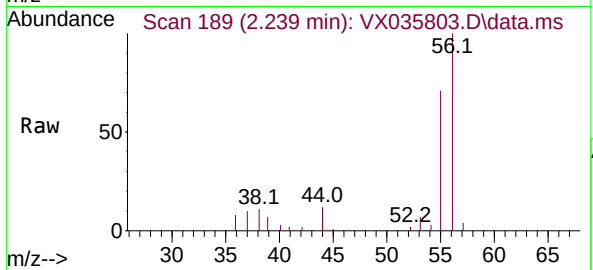
#13
Acrolein
Concen: 15.180 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 12220
Ion Ratio Lower Upper
56 100
55 67.6 56.6 85.0

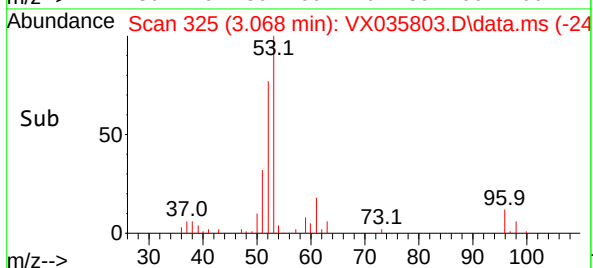
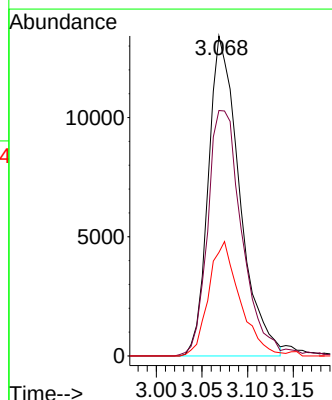
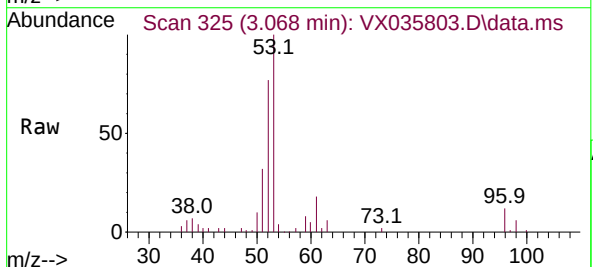
Manual Integrations
APPROVED

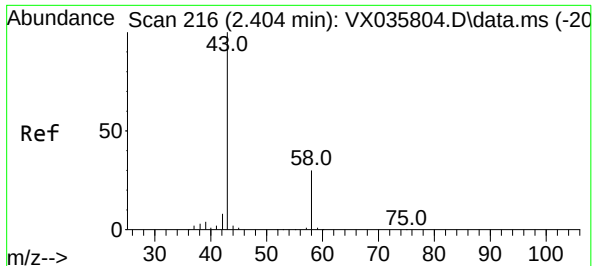
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Acrylonitrile
Concen: 16.036 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

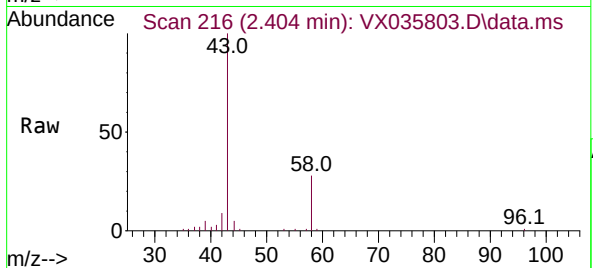
Tgt Ion: 53 Resp: 31917
Ion Ratio Lower Upper
53 100
52 83.1 41.3 123.7
51 35.9 17.9 53.7





#15
Acetone
Concen: 20.045 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

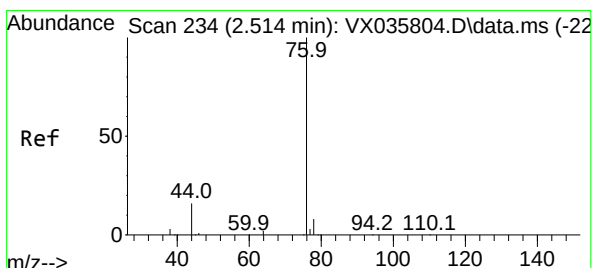
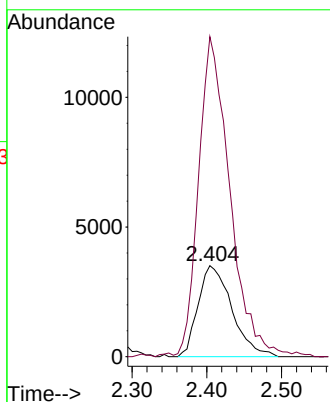
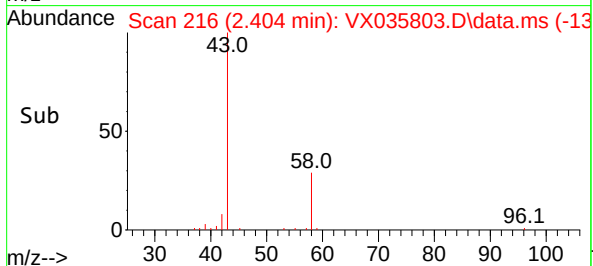
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



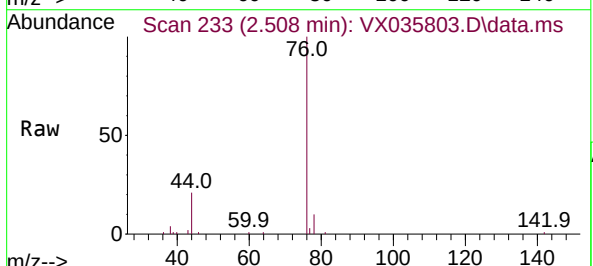
Tgt Ion: 58 Resp: 11030
Ion Ratio Lower Upper
58 100
43 348.1 270.8 406.2

Manual Integrations
APPROVED

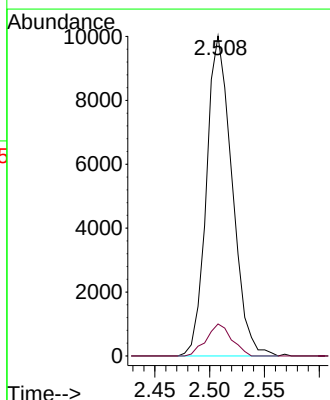
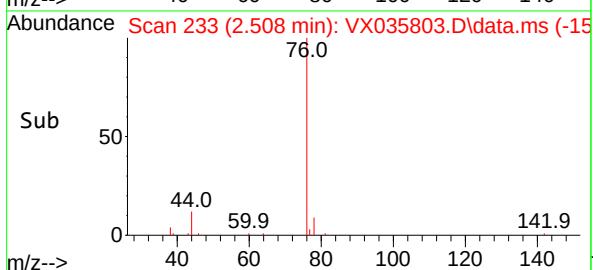
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

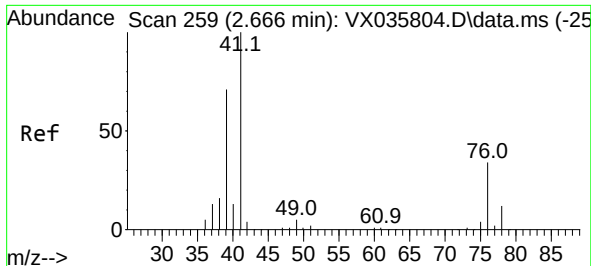


#16
Carbon Disulfide
Concen: 2.010 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion: 76 Resp: 16239
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6





#17

Allyl chloride

Concen: 2.543 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

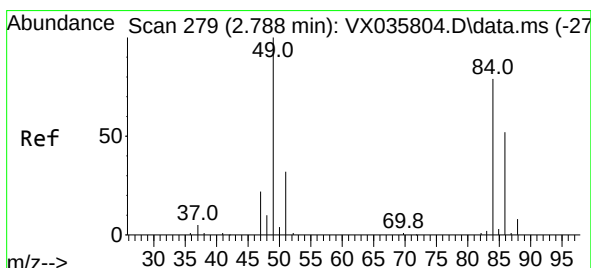
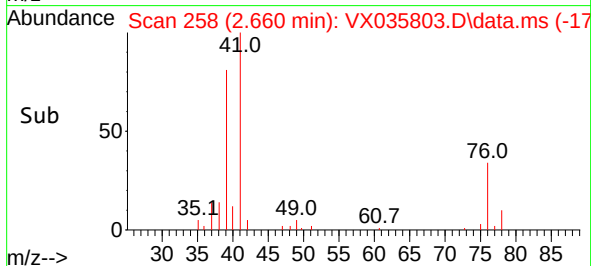
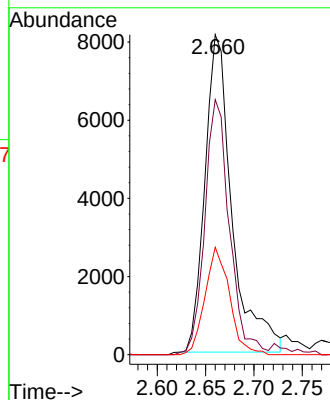
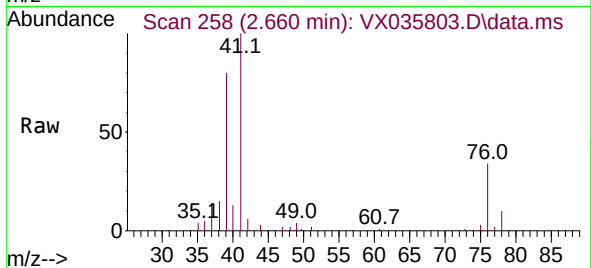
Tgt Ion: 41	Resp: 1589
Ion Ratio	Lower Upper
41	100
39	79.7 36.4 109.3
76	33.8 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#18

Methylene Chloride

Concen: 3.221 ug/l

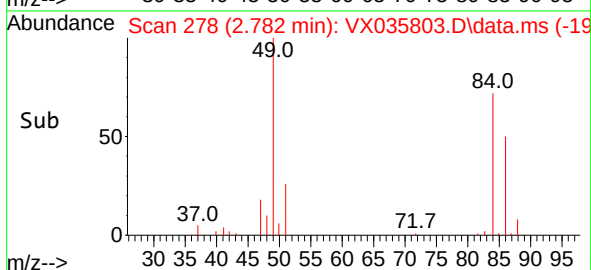
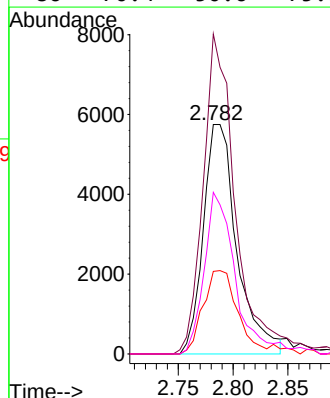
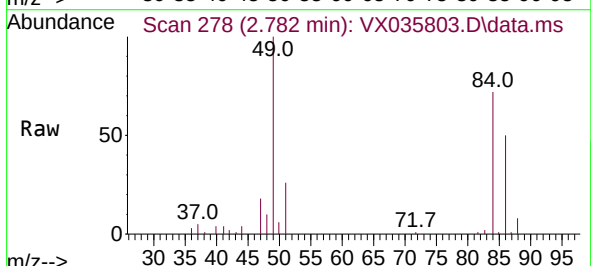
RT: 2.782 min Scan# 278

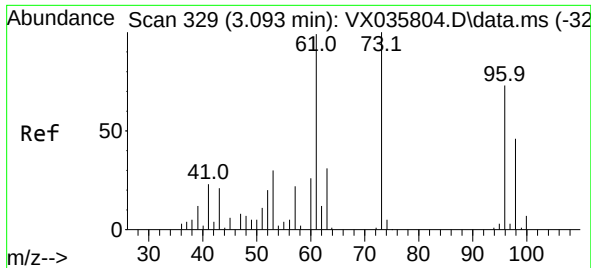
Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Tgt Ion: 84	Resp: 12280
Ion Ratio	Lower Upper
84	100
49	137.7 103.9 155.9
51	36.0 30.6 45.8
86	70.4 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 2.834 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

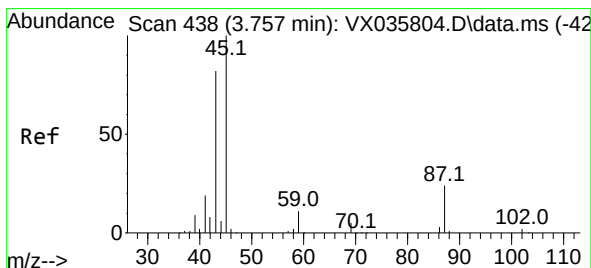
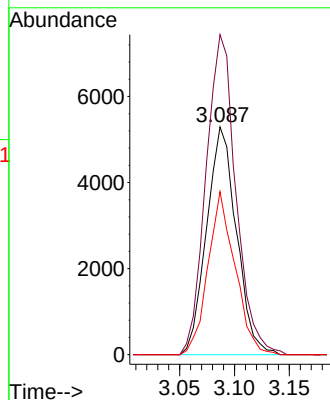
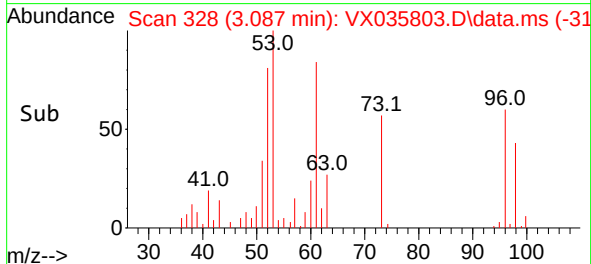
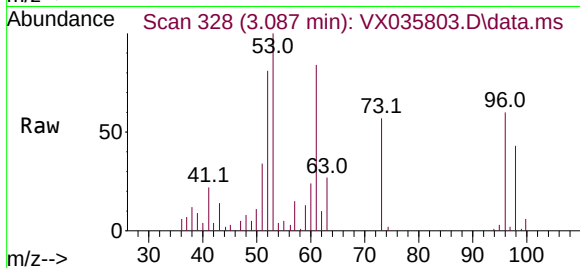
VSTDIC005

Tgt Ion: 96 Resp: 1003
Ion Ratio Lower Upper
96 100
61 140.6 111.1 166.7
98 71.6 48.6 72.8

Manual Integrations

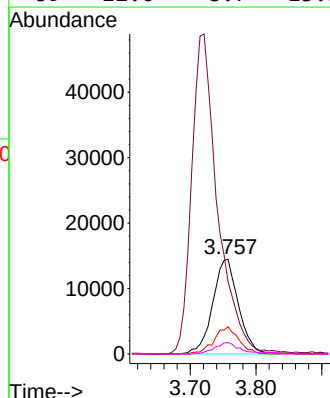
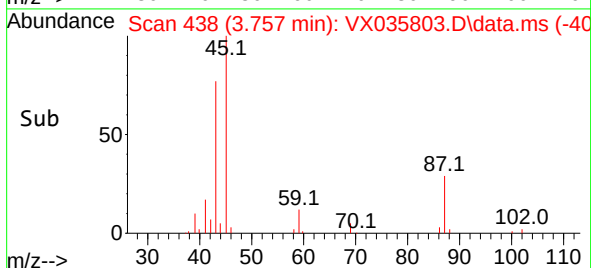
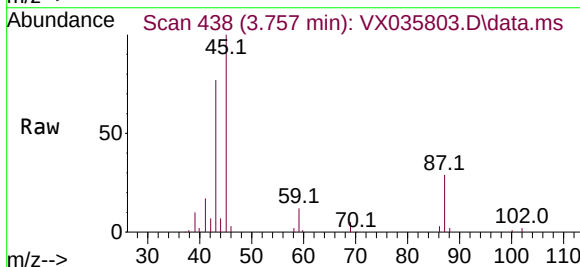
APPROVED

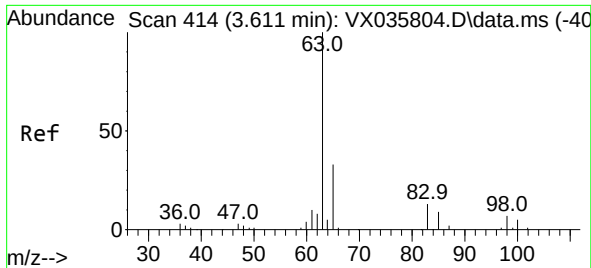
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Diisopropyl ether
Concen: 3.062 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 45 Resp: 39344
Ion Ratio Lower Upper
45 100
43 74.6 66.0 99.0
87 28.7 21.8 32.6
59 12.0 8.7 13.1





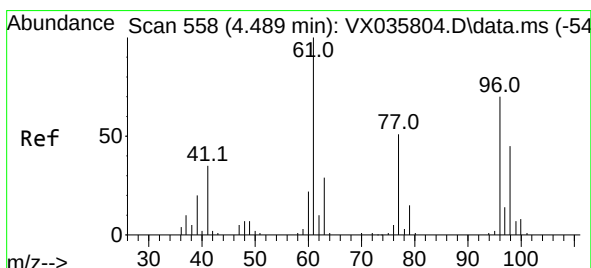
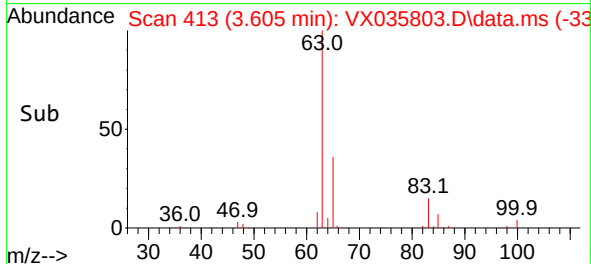
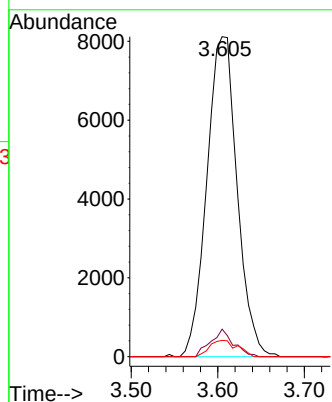
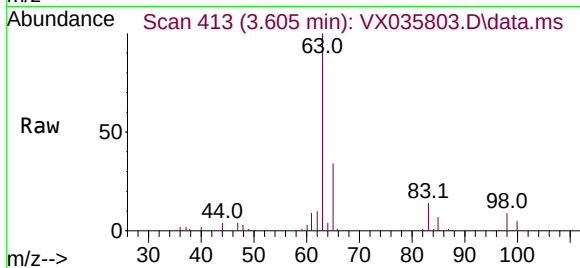
#21
1,1-Dichloroethane
Concen: 2.883 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 19769
Ion Ratio Lower Upper
63 100
98 8.6 3.5 10.6
100 5.1 2.2 6.6

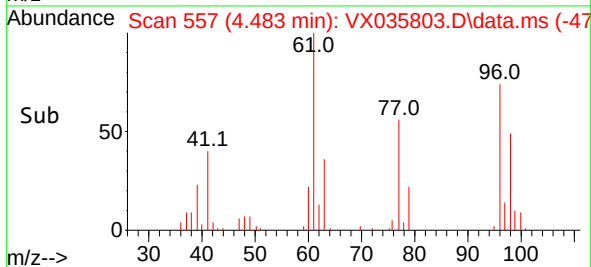
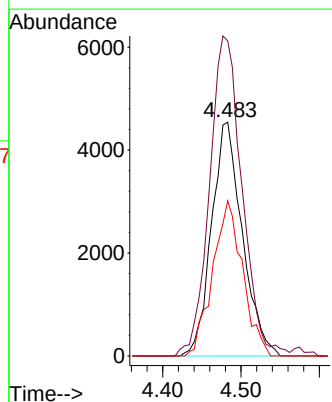
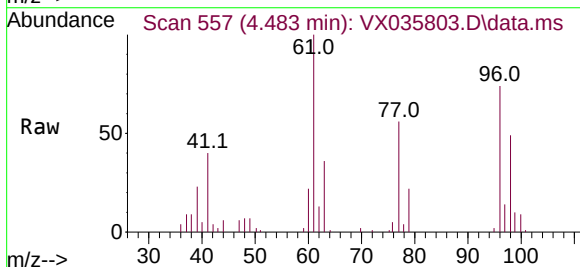
Manual Integrations
APPROVED

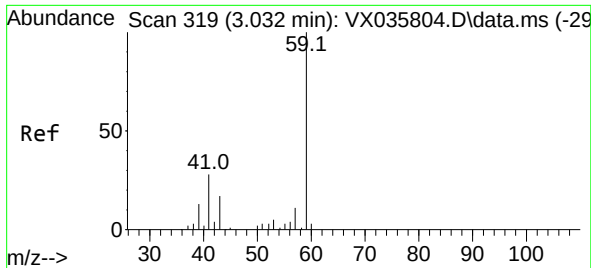
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
cis-1,2-Dichloroethene
Concen: 2.999 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

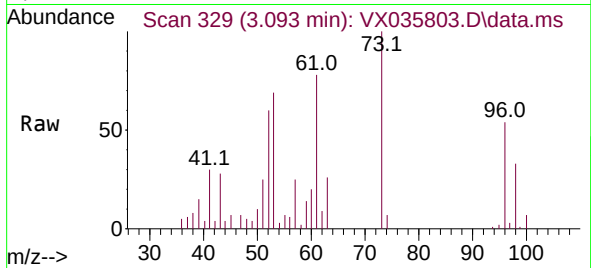
Tgt Ion: 96 Resp: 12399
Ion Ratio Lower Upper
96 100
61 142.6 121.7 182.5
98 64.5 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 11.913 ug/l m
RT: 3.093 min Scan# 319
Delta R.T. 0.061 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

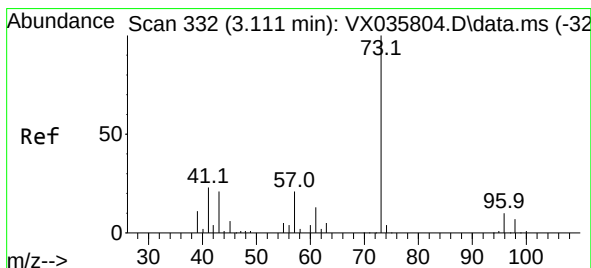
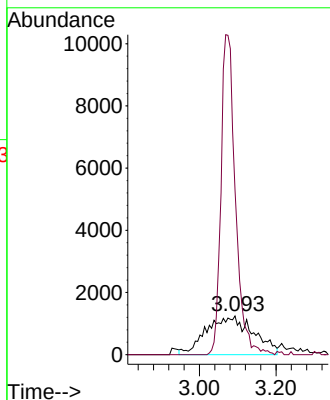
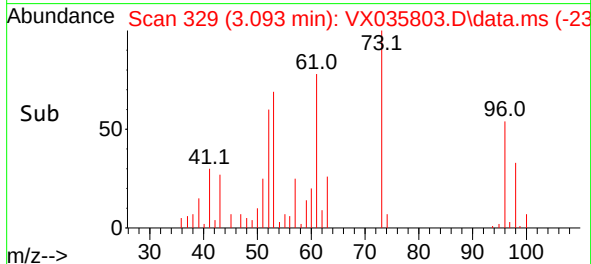
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 1050
Ion Ratio Lower Upper
59 100
52 252.6 0.2 0.4

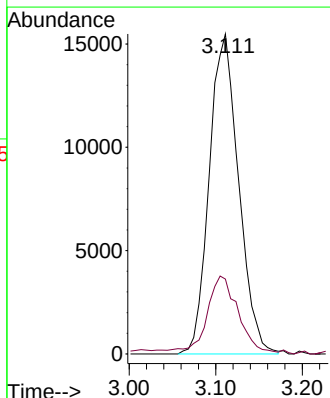
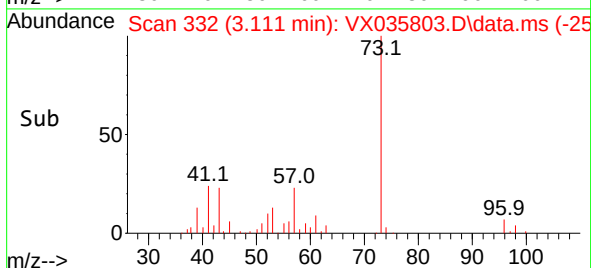
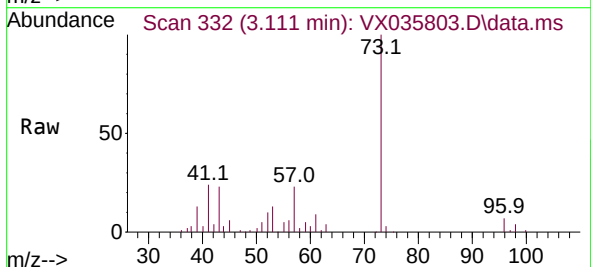
Manual Integrations
APPROVED

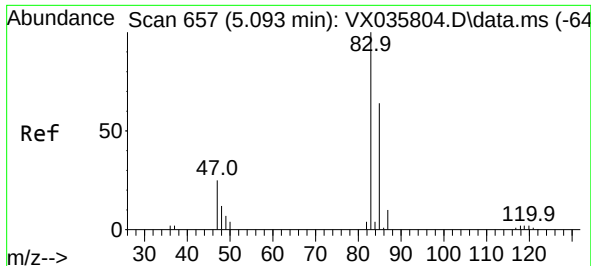
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 3.025 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 73 Resp: 36456
Ion Ratio Lower Upper
73 100
43 25.5 17.9 26.9





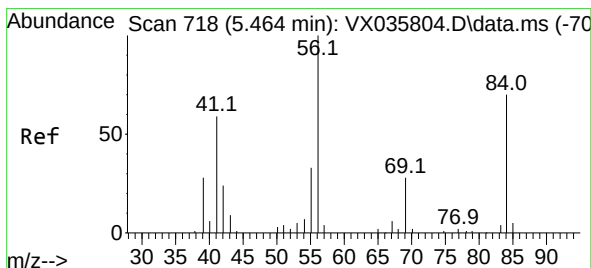
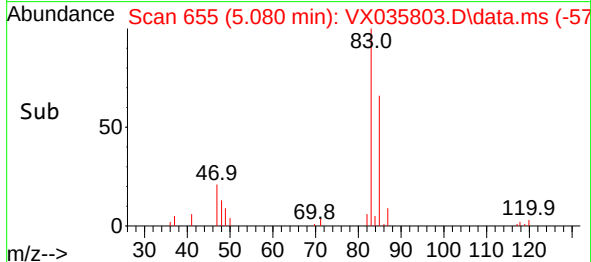
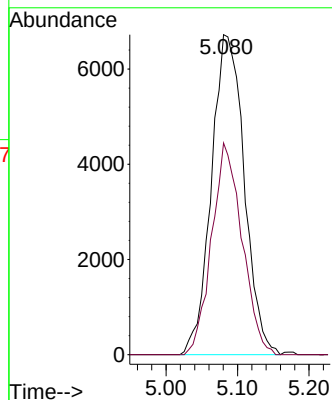
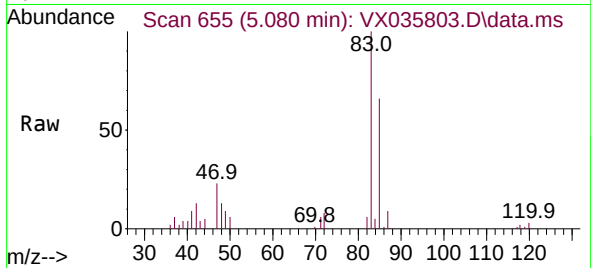
#25
Chloroform
Concen: 3.056 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2139
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8

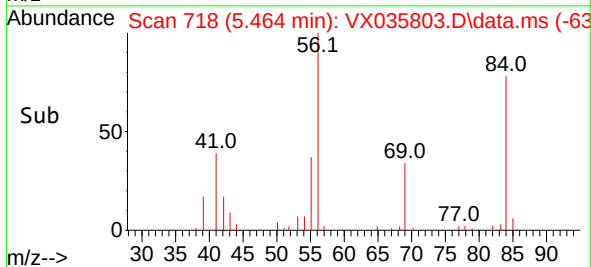
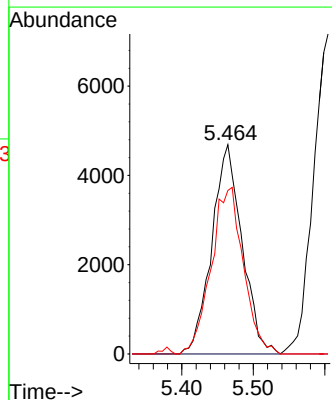
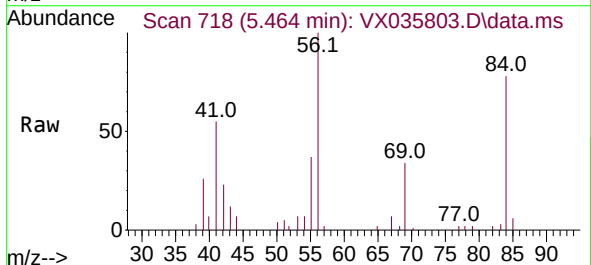
Manual Integrations
APPROVED

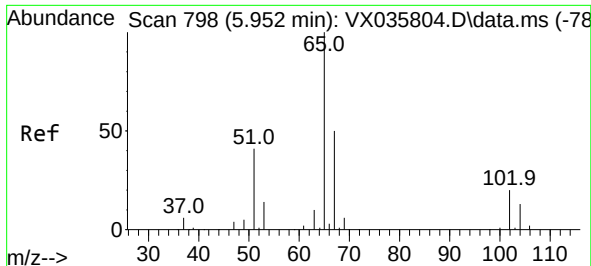
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 2.360 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 56 Resp: 13794
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 26.327 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 88518

Ion Ratio Lower Upper

65 100

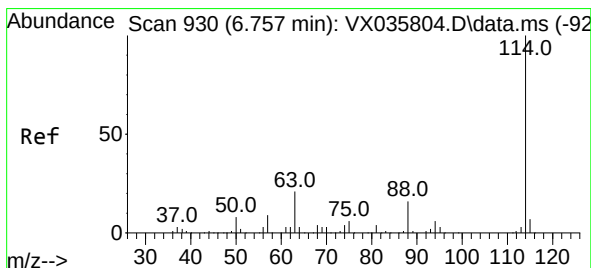
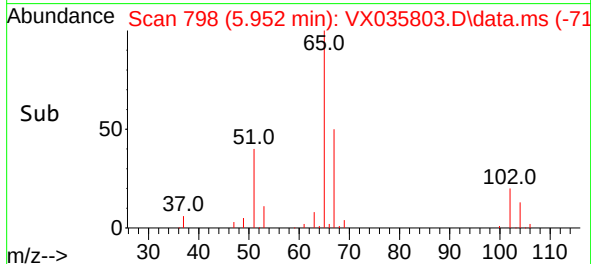
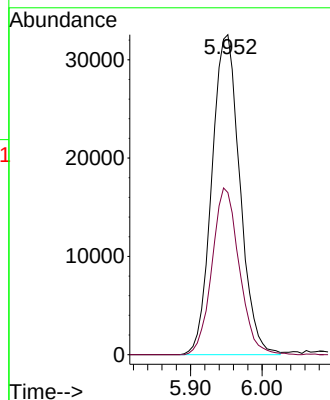
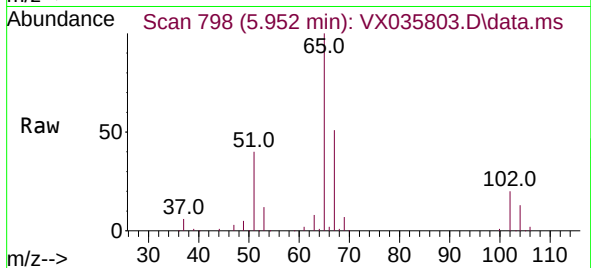
67 50.8 40.9 61.3

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: VX035803.D

Acq: 23 May 2023 09:19

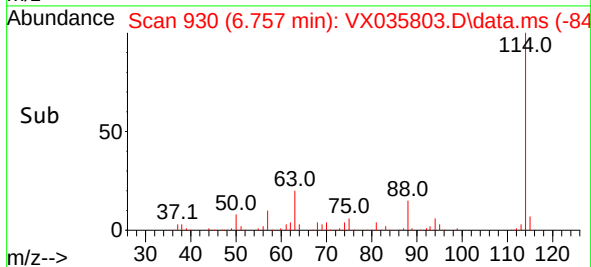
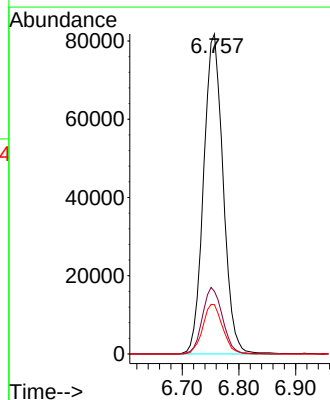
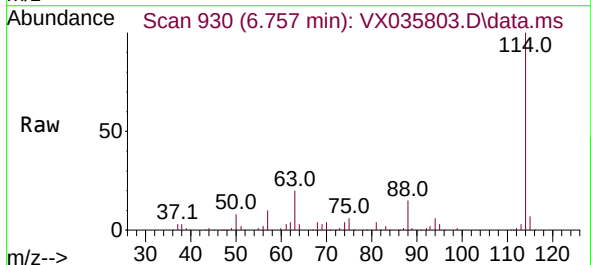
Tgt Ion:114 Resp: 195066

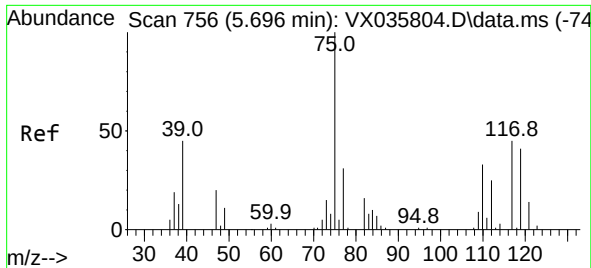
Ion Ratio Lower Upper

114 100

63 21.4 18.0 27.0

88 15.8 13.3 19.9





#29

1,1-Dichloropropene

Concen: 3.192 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

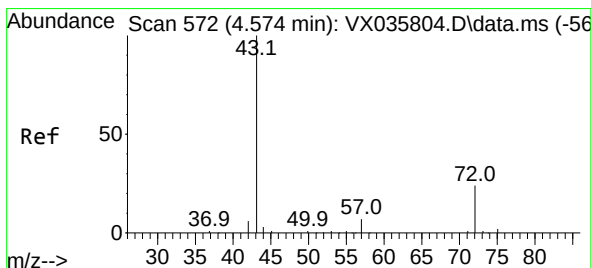
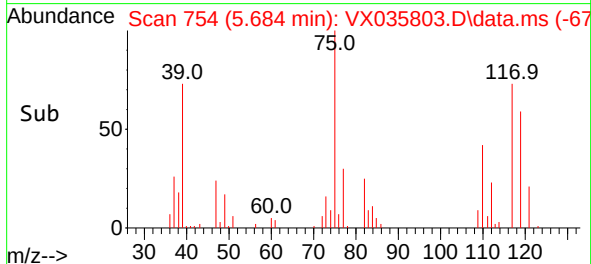
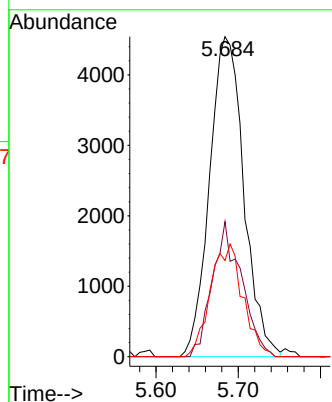
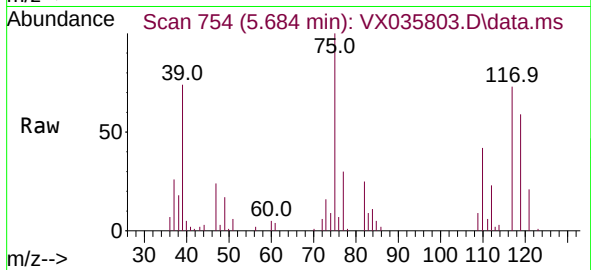
Tgt Ion: 75	Resp: 1316
Ion Ratio	Lower Upper
75 100	
110 22.1	0.0 71.4
77 17.2	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 19.782 ug/l

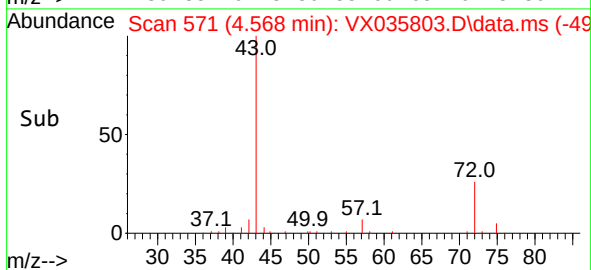
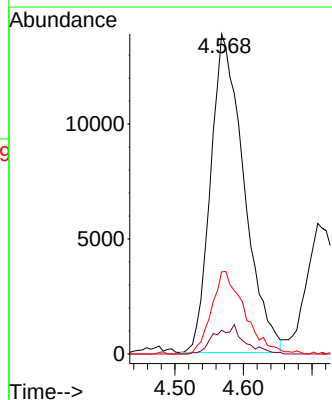
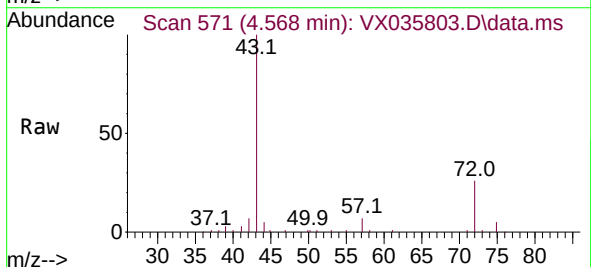
RT: 4.568 min Scan# 571

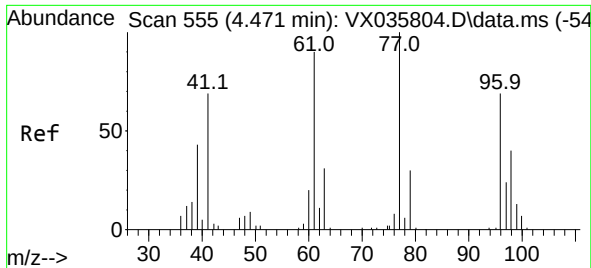
Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Tgt Ion: 43	Resp: 46746
Ion Ratio	Lower Upper
43 100	
57 3.7	6.3 9.5
72 25.7	19.6 29.4





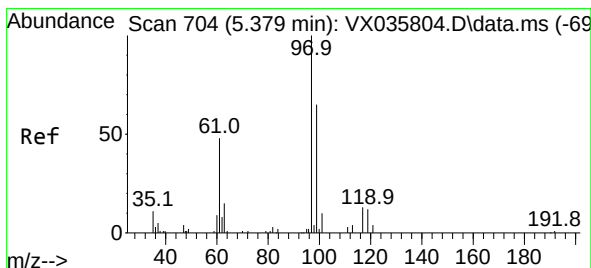
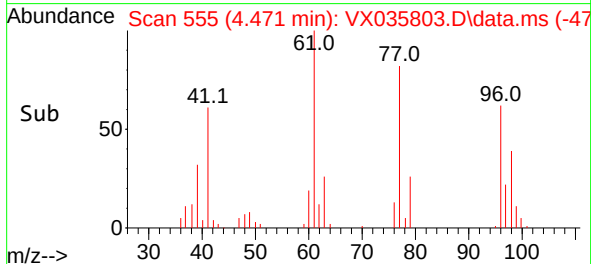
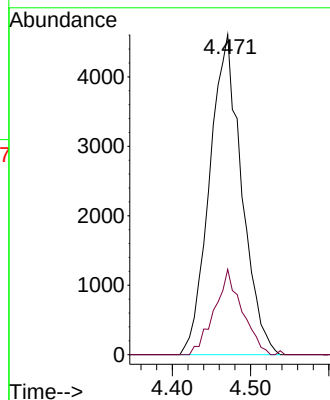
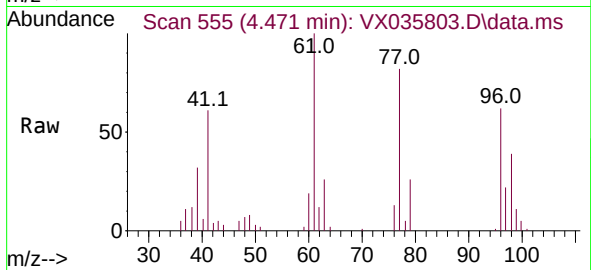
#31
2,2-Dichloropropane
Concen: 3.114 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 13130
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.4

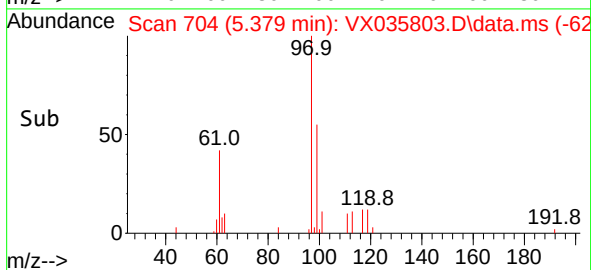
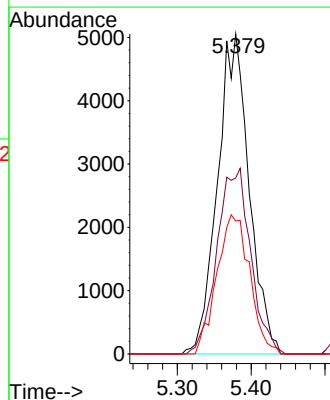
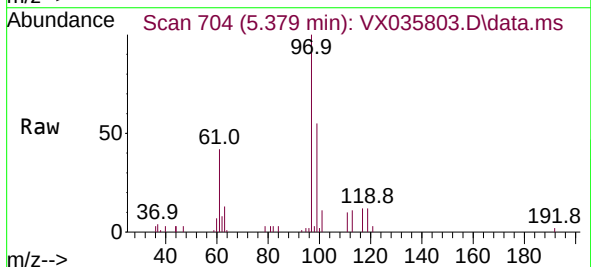
Manual Integrations
APPROVED

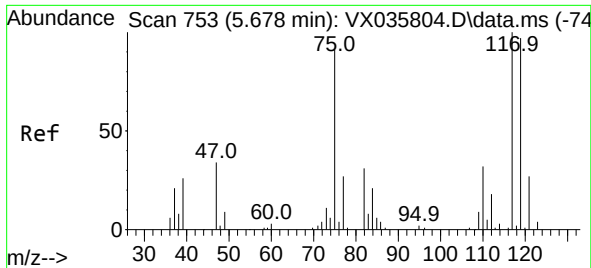
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 3.111 ug/l m
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

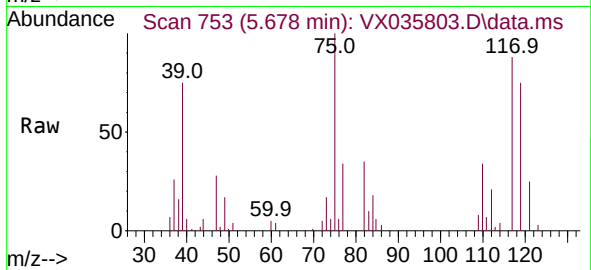
Tgt Ion: 97 Resp: 15052
Ion Ratio Lower Upper
97 100
99 30.2 51.3 76.9#
61 45.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 2.708 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

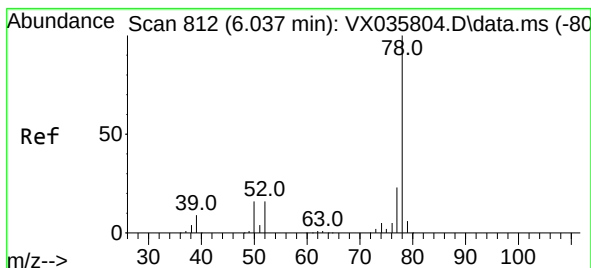
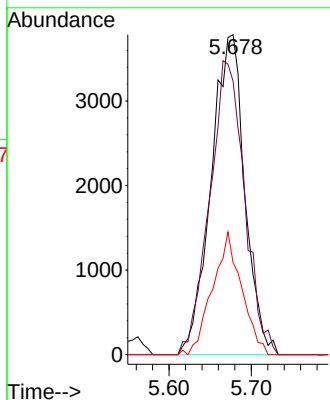
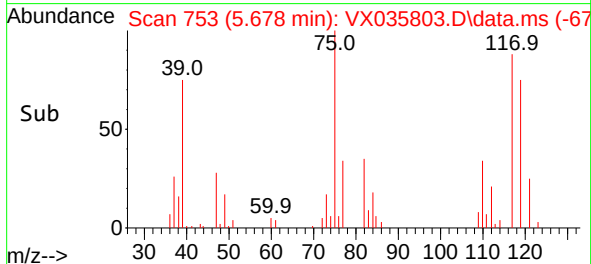
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 10764
Ion Ratio Lower Upper
117 100
119 85.5 73.3 109.9
121 28.7 24.0 36.0

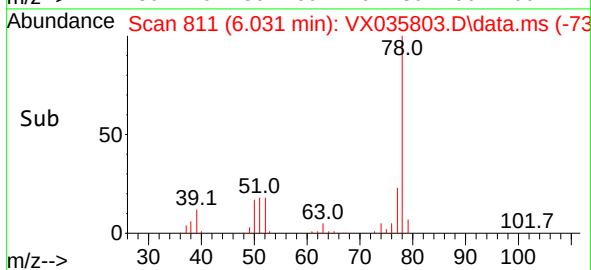
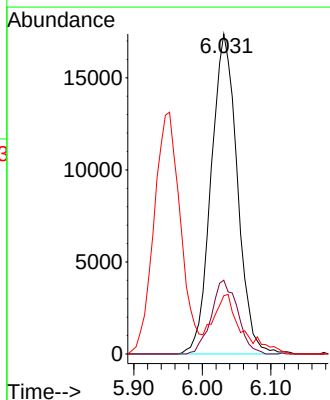
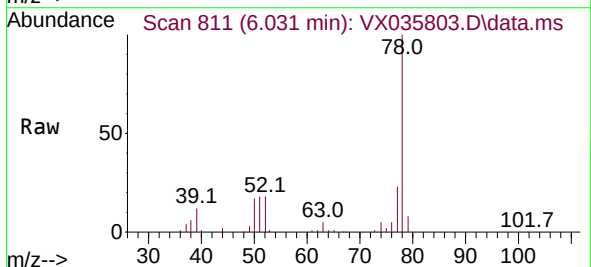
Manual Integrations
APPROVED

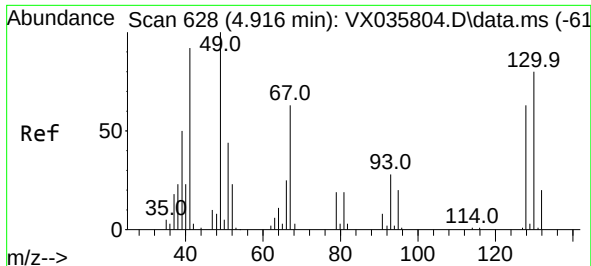
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 3.797 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 78 Resp: 46056
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4
51 16.6 14.6 21.8





#35

Methacrylonitrile

Concen: 3.680 ug/l m

RT: 4.928 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 948

Ion Ratio Lower Upper

41 100

39 55.0 28.0 84.0

67 71.4 31.6 94.7

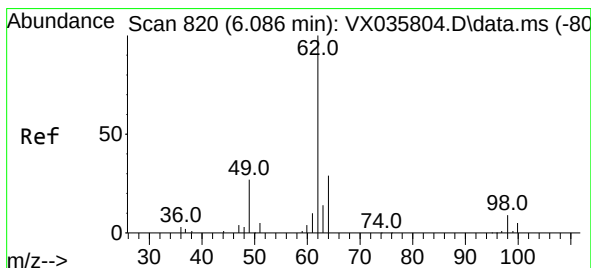
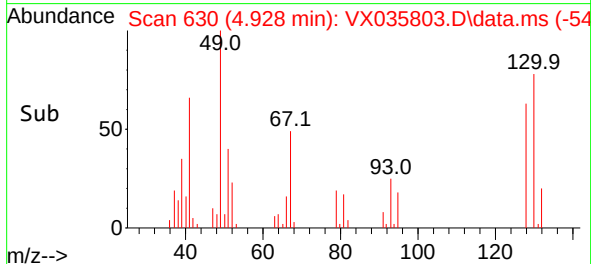
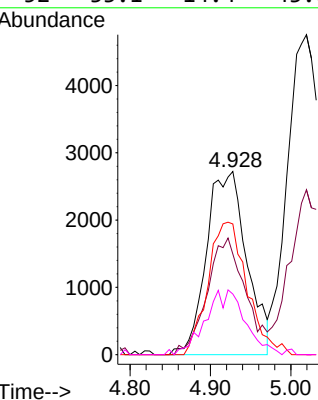
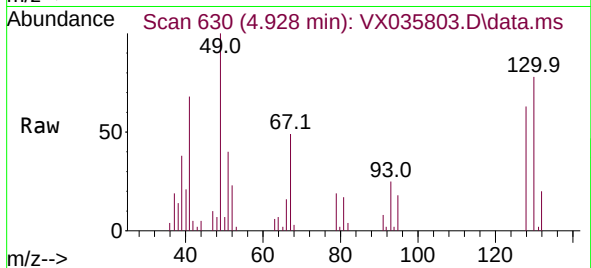
52 33.1 14.4 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,2-Dichloroethane

Concen: 3.700 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX035803.D

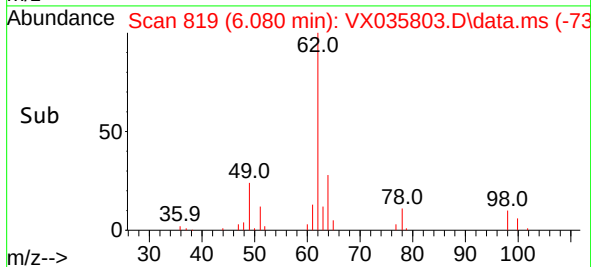
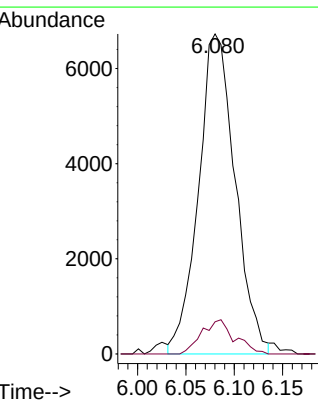
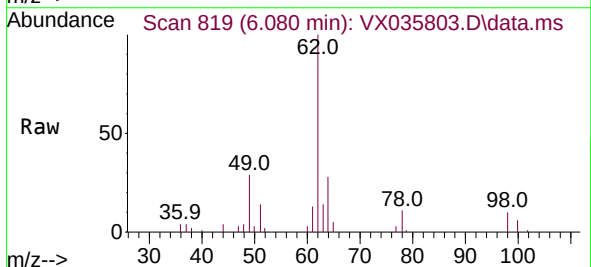
Acq: 23 May 2023 09:19

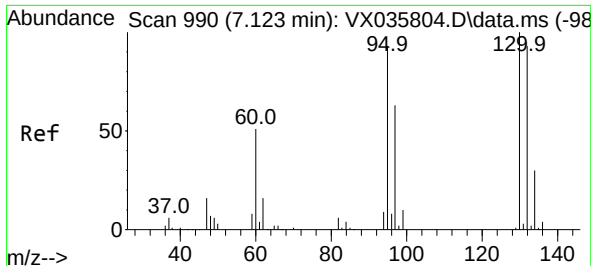
Tgt Ion: 62 Resp: 17706

Ion Ratio Lower Upper

62 100

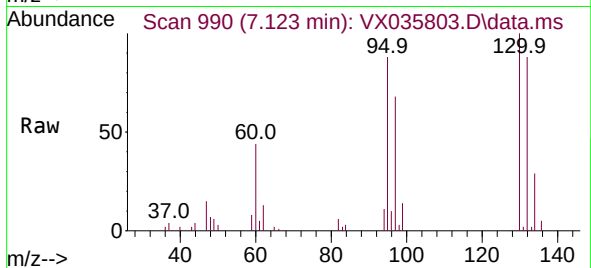
98 7.8 7.0 10.6





#37
Trichloroethene
Concen: 3.650 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

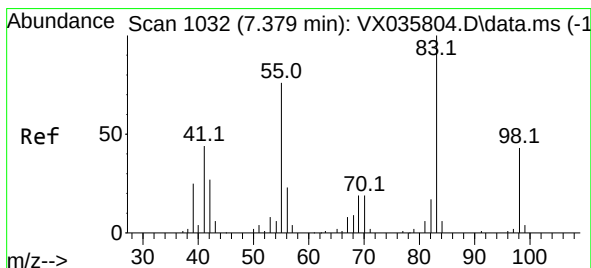
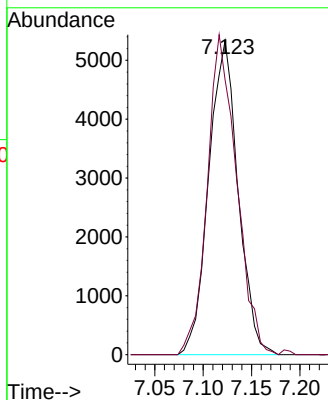
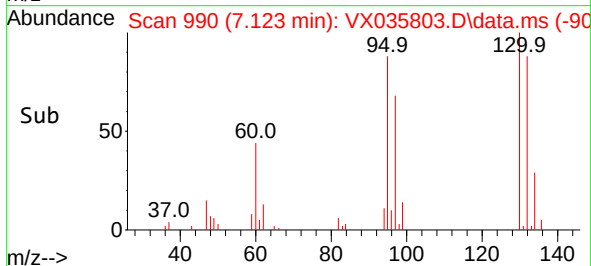
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



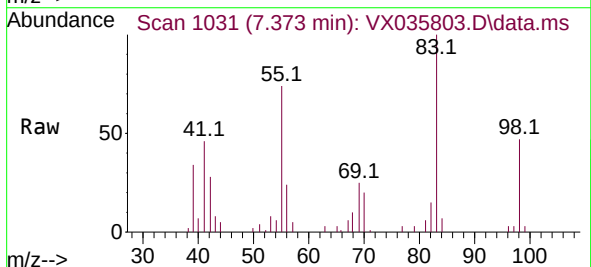
Tgt Ion:130 Resp: 11294
Ion Ratio Lower Upper
130 100
95 87.5 77.8 116.6

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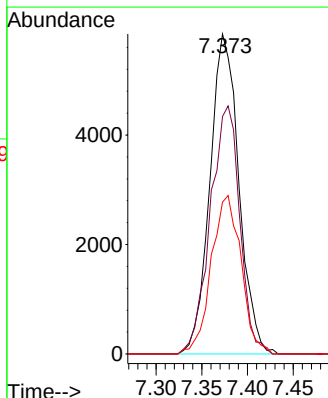
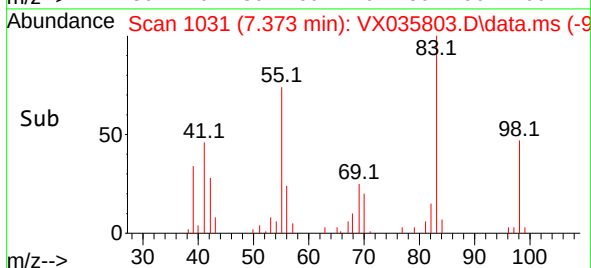
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

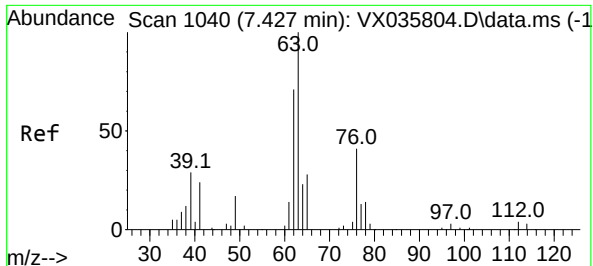


#38
Methylcyclohexane
Concen: 2.936 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion: 83 Resp: 12873
Ion Ratio Lower Upper
83 100
55 79.0 38.8 116.4
98 51.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 3.906 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 12390

Ion Ratio Lower Upper

63 100

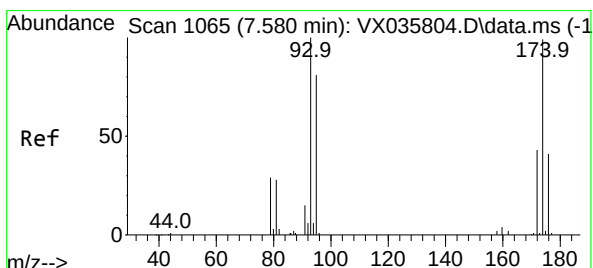
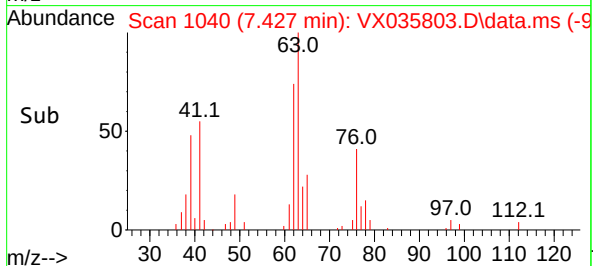
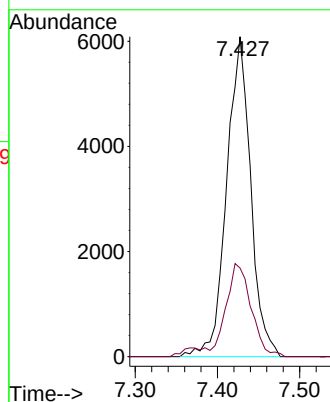
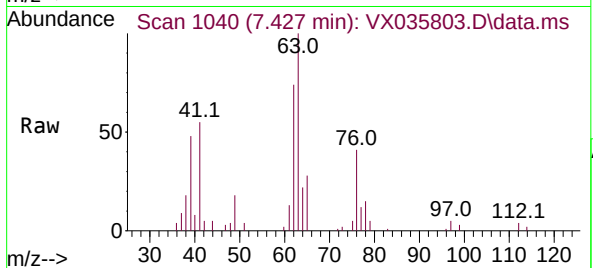
65 26.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 3.636 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

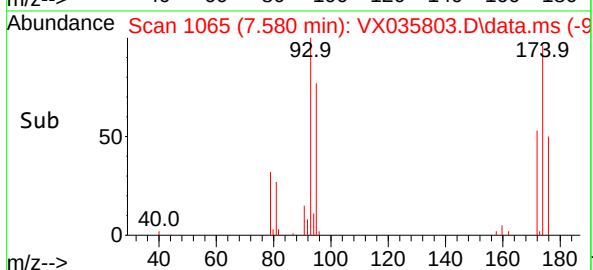
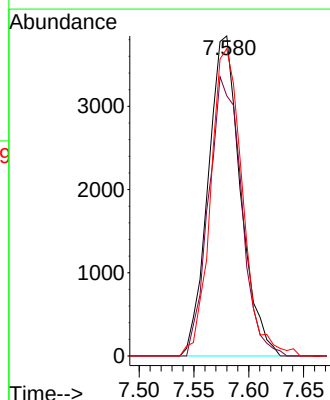
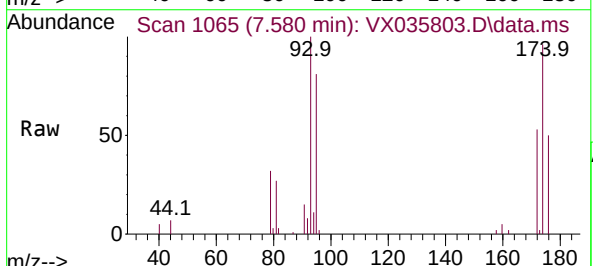
Tgt Ion: 93 Resp: 7903

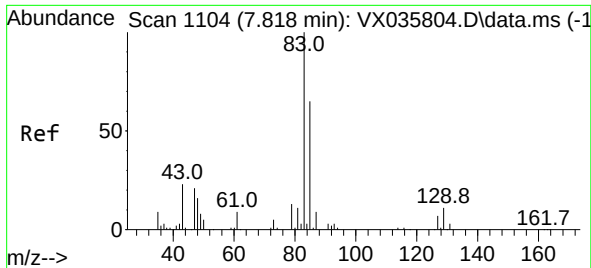
Ion Ratio Lower Upper

93 100

95 88.3 0.0 165.8

174 93.8 0.0 188.8





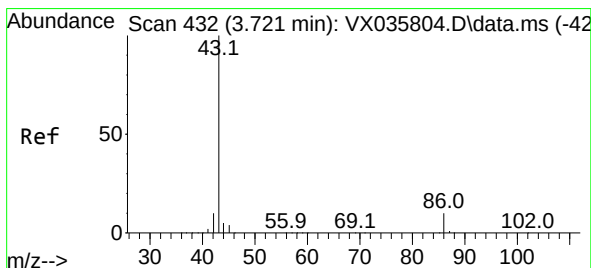
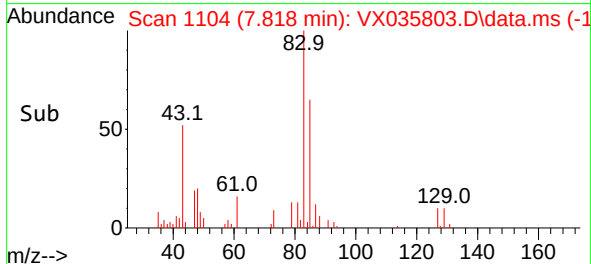
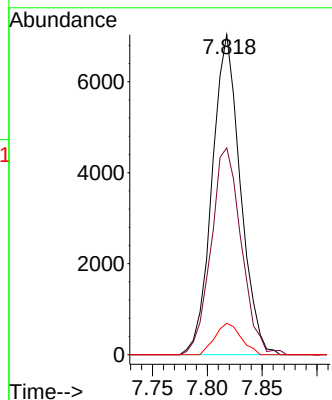
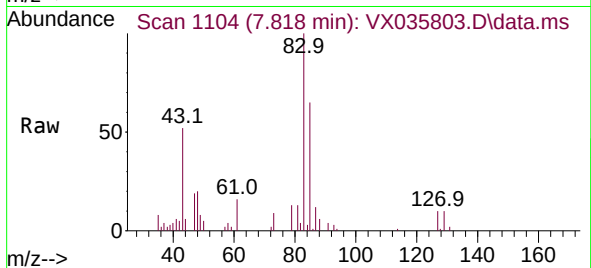
#41
Bromodichloromethane
Concen: 3.079 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1259
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 10.6 8.2 12.4

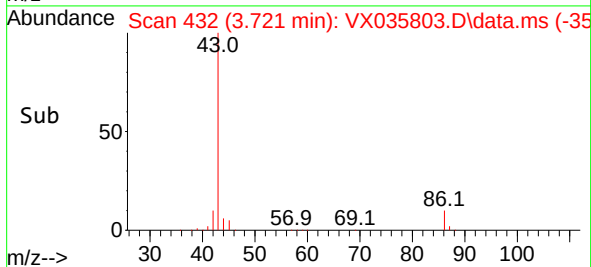
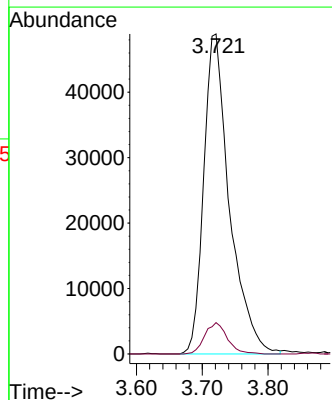
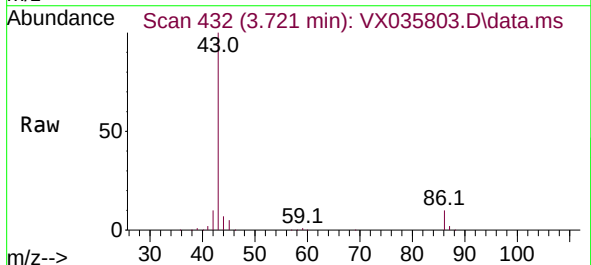
Manual Integrations
APPROVED

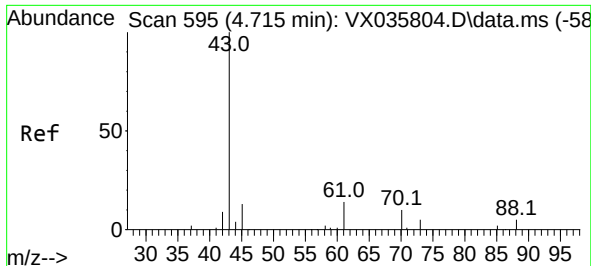
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 17.724 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 43 Resp: 133407
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





#43

Ethyl Acetate

Concen: 4.063 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 18408

Ion Ratio Lower Upper

43 100

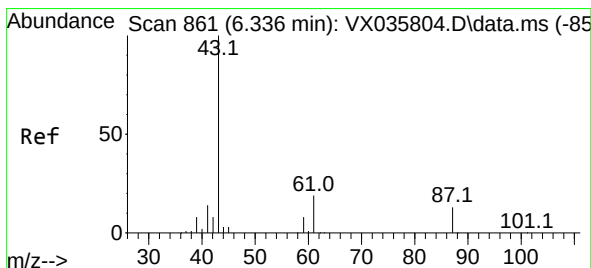
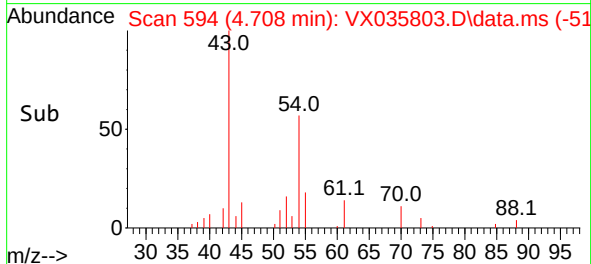
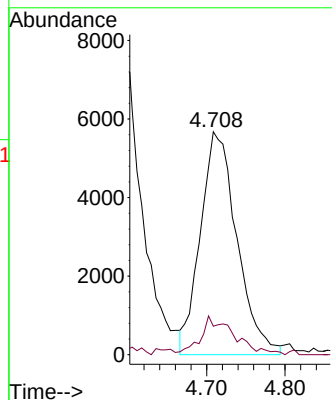
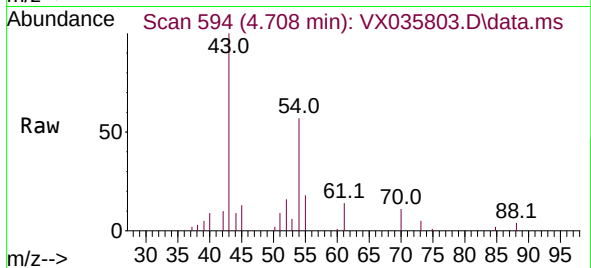
45 5.6 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Isopropyl Acetate

Concen: 3.615 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX035803.D

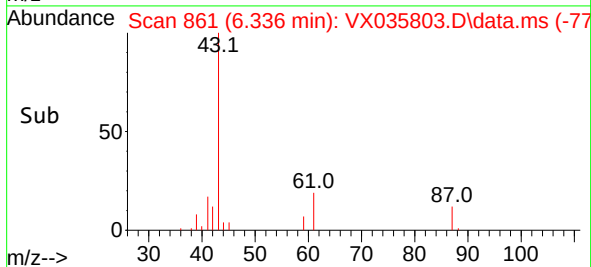
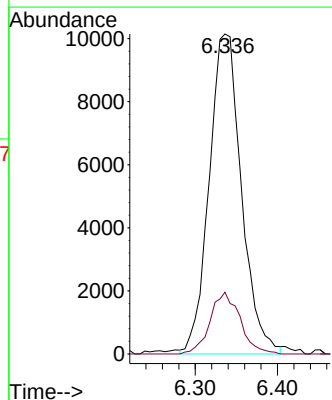
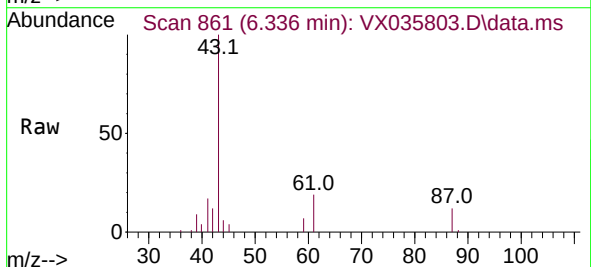
Acq: 23 May 2023 09:19

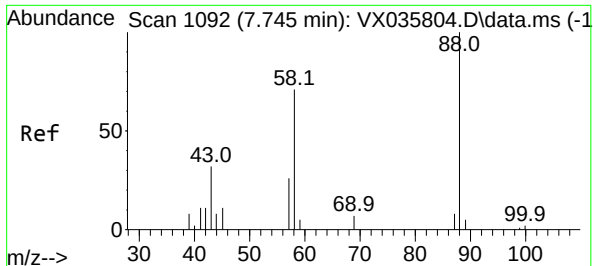
Tgt Ion: 43 Resp: 27697

Ion Ratio Lower Upper

43 100

61 18.0 15.4 23.0





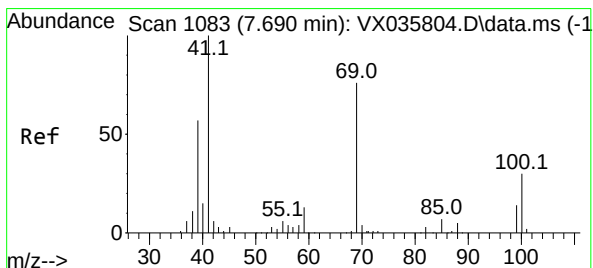
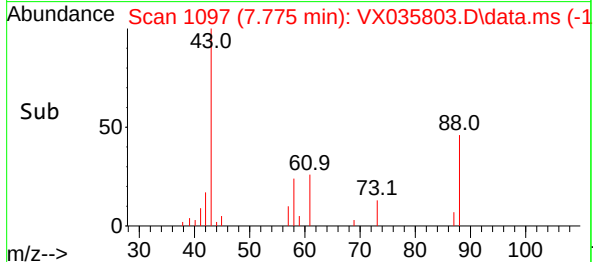
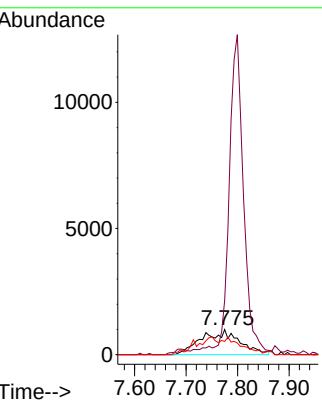
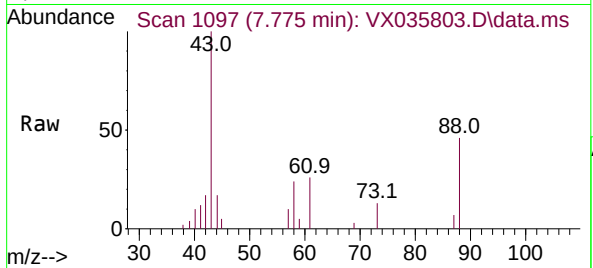
#45
1,4-Dioxane
Concen: 66.755 ug/l m
RT: 7.775 min Scan# 1092
Delta R.T. 0.030 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 5068
Ion Ratio Lower Upper
88 100
43 8.2 26.5 39.7
58 13.9 55.6 83.4

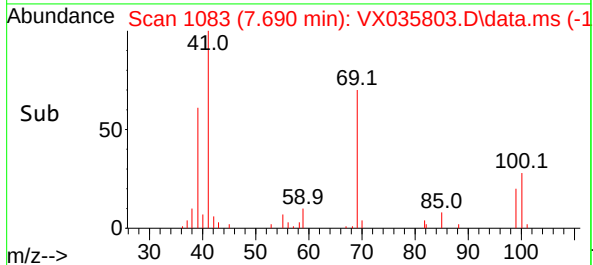
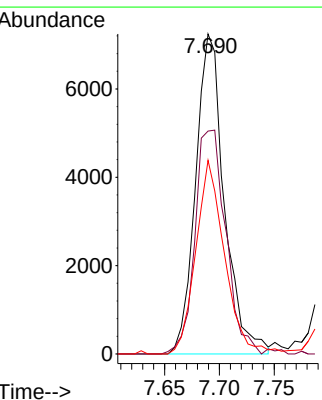
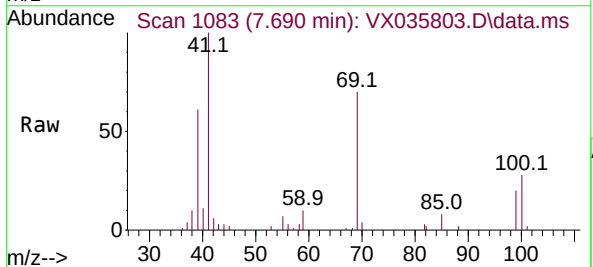
Manual Integrations
APPROVED

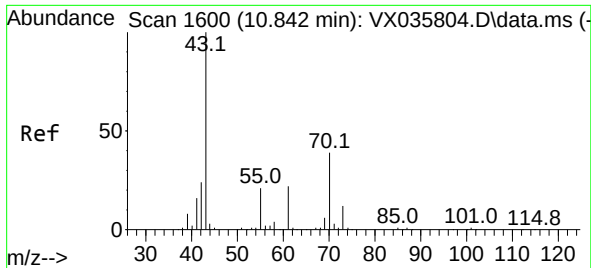
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 3.532 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

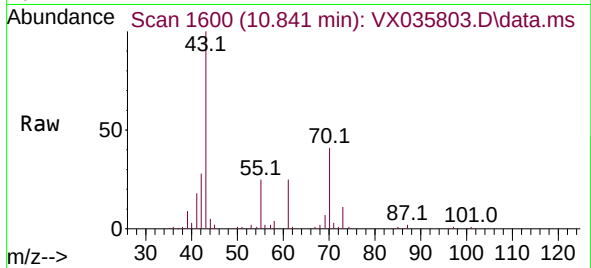
Tgt Ion: 41 Resp: 13213
Ion Ratio Lower Upper
41 100
69 68.9 38.1 114.5
39 60.5 31.4 94.3





#47
n-amyl acetate
Concen: 3.275 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

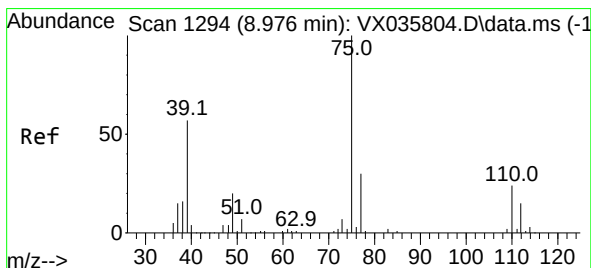
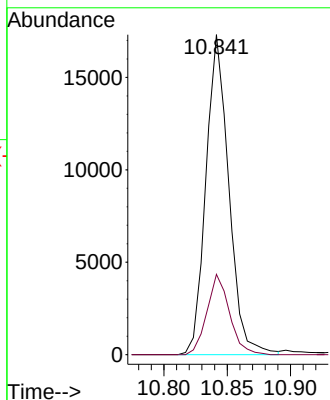
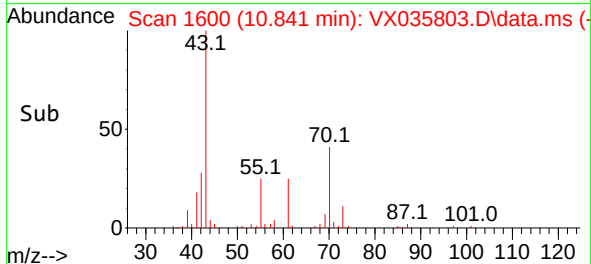
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
55 24.7 18.6 28.0

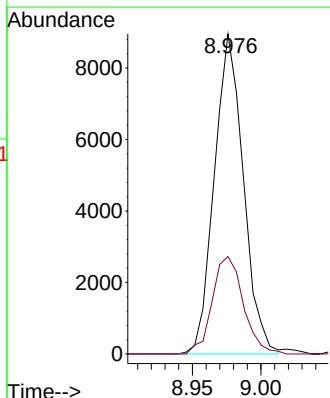
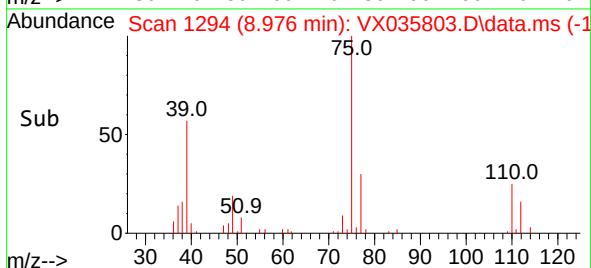
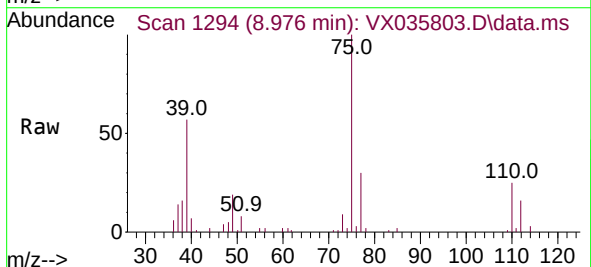
Manual Integrations
APPROVED

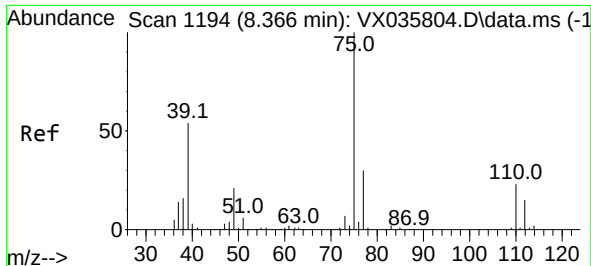
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 2.948 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 75 Resp: 13184
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 3.074 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

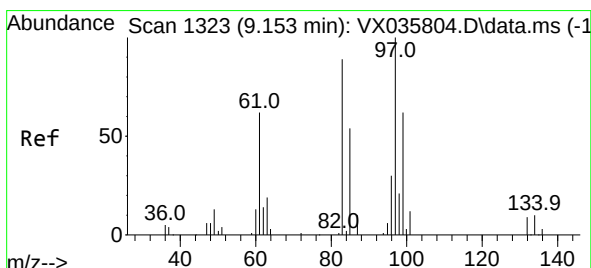
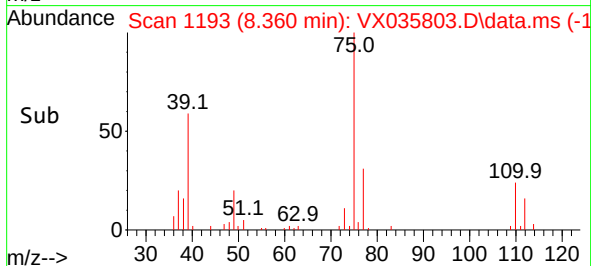
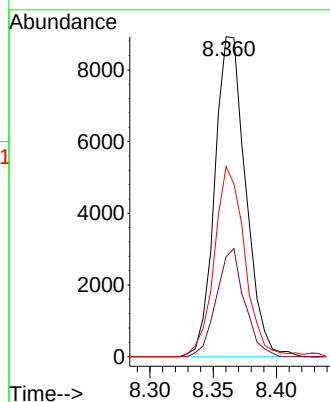
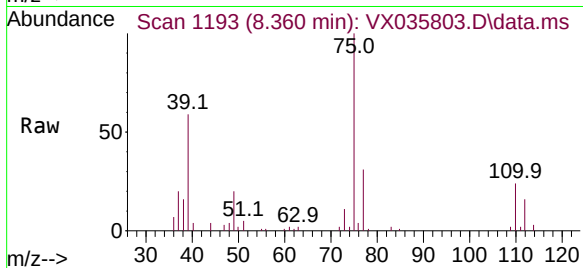
Tgt Ion: 75	Resp: 1511
Ion Ratio	Lower Upper
75	100
77	31.2 24.6 37.0
39	59.4 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 3.880 ug/l

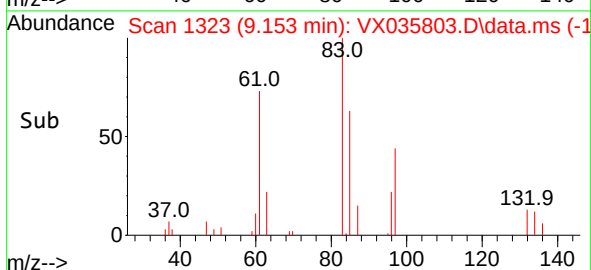
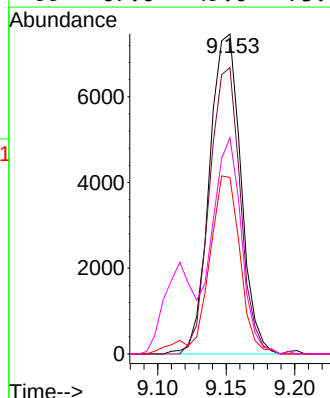
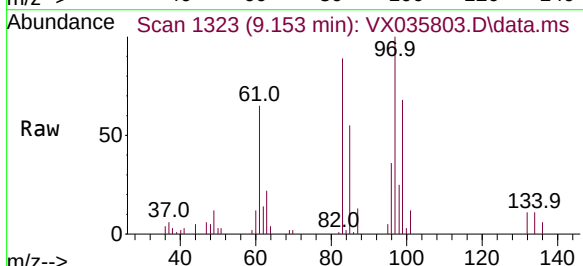
RT: 9.153 min Scan# 1323

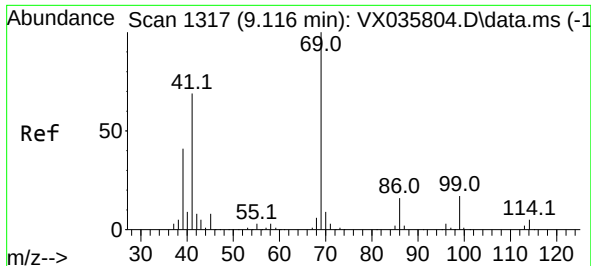
Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

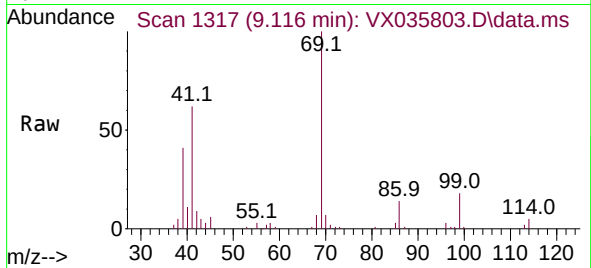
Tgt Ion: 97	Resp: 11857
Ion Ratio	Lower Upper
97	100
83	89.5 68.9 103.3
85	55.1 44.0 66.0
99	67.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 3.396 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

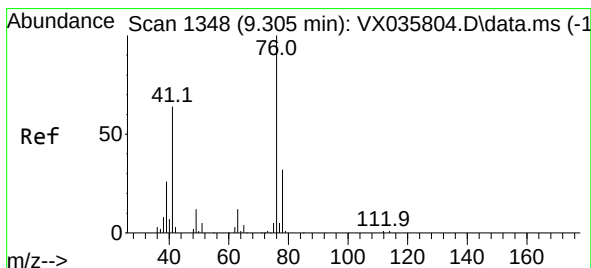
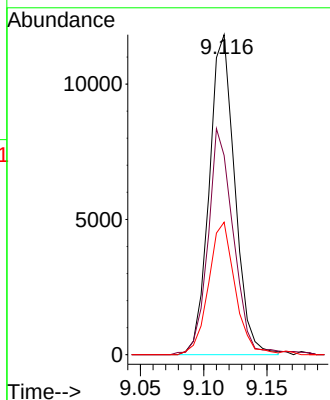
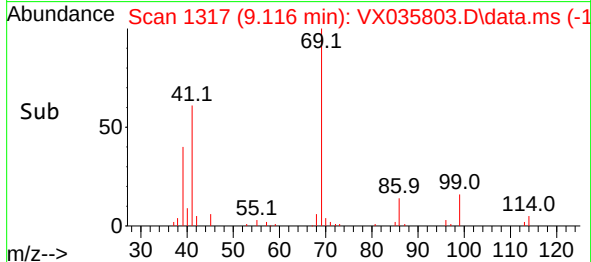
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



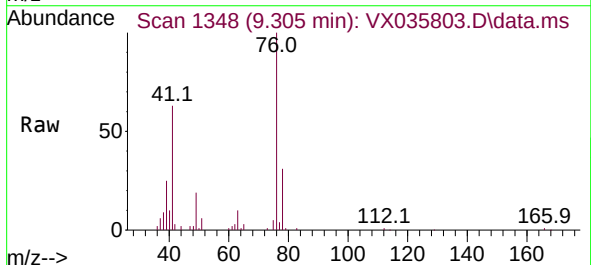
Tgt Ion: 69 Resp: 16640
Ion Ratio Lower Upper
69 100
41 61.5 36.2 108.6
39 41.4 21.2 63.6

Manual Integrations
APPROVED

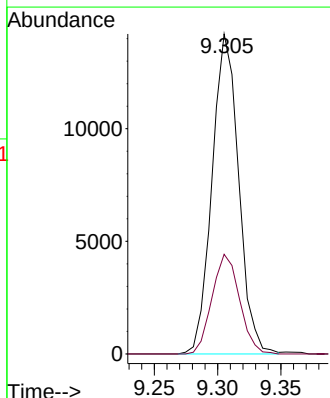
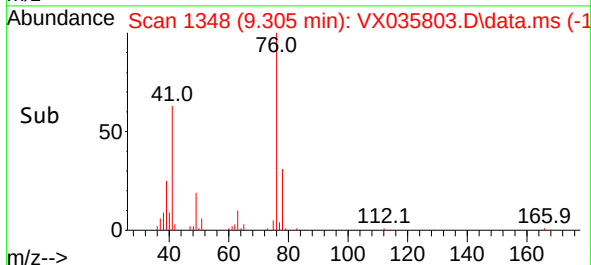
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

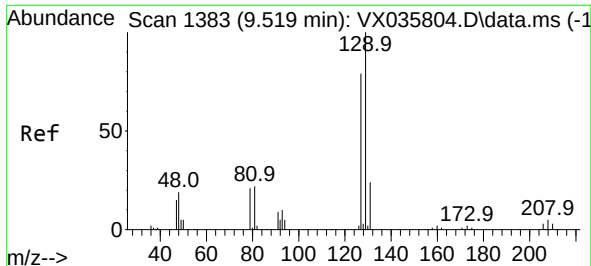


#52
1,3-Dichloropropane
Concen: 3.859 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



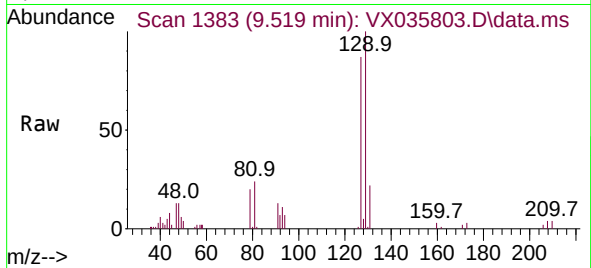
Tgt Ion: 76 Resp: 20758
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





#53
Dibromochloromethane
Concen: 2.928 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

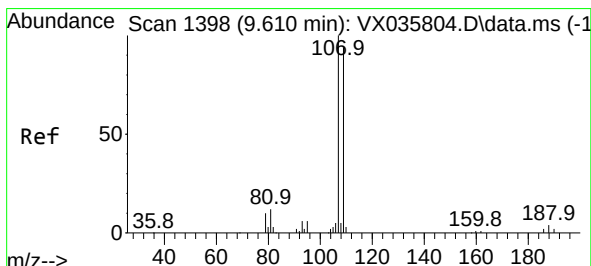
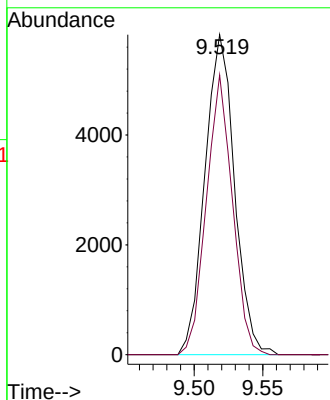
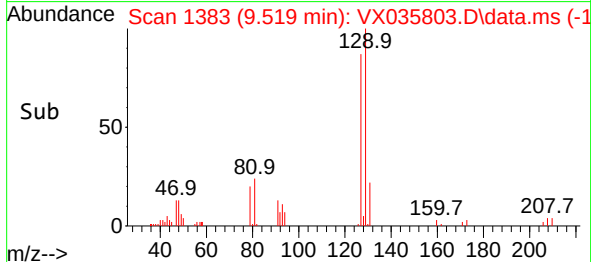
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



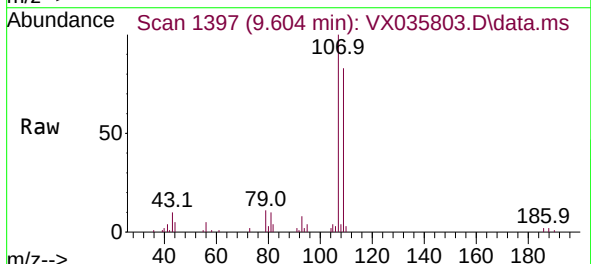
Tgt Ion:129 Resp: 877
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5

Manual Integrations
APPROVED

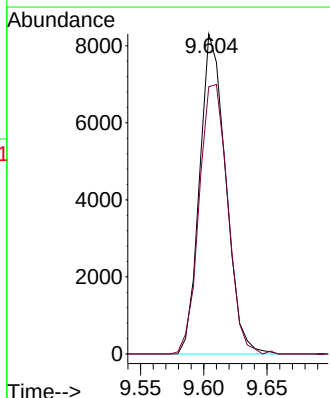
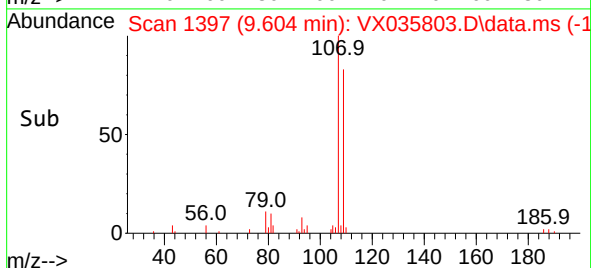
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

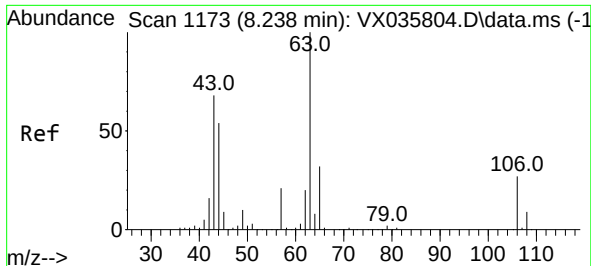


#54
1,2-Dibromoethane
Concen: 3.657 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion:107 Resp: 11924
Ion Ratio Lower Upper
107 100
109 91.9 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 16.448 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

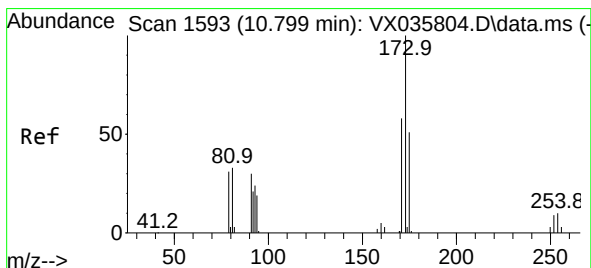
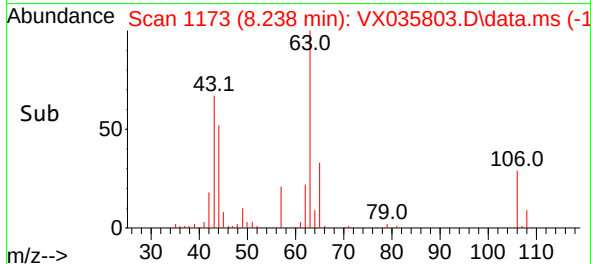
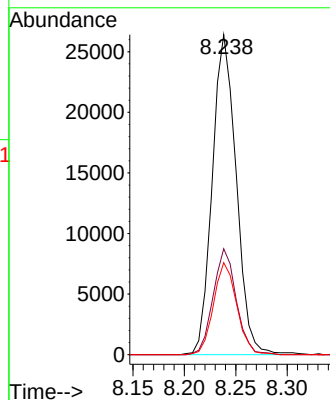
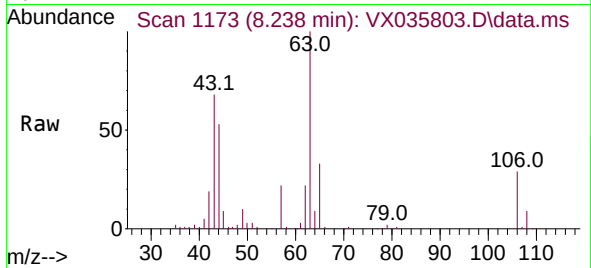
Tgt Ion: 63	Resp: 42650
Ion Ratio	Lower Upper
63 100	
65 32.0	25.4 38.2
106 27.9	21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#56

Bromoform

Concen: 2.569 ug/l

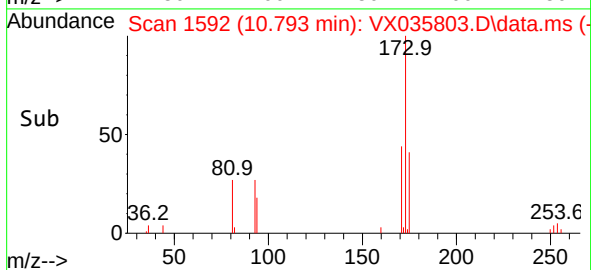
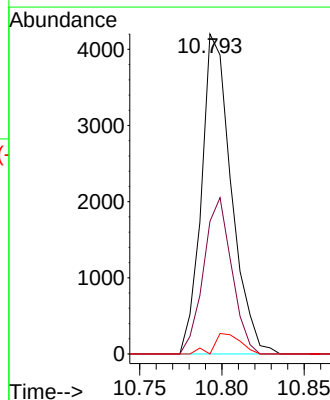
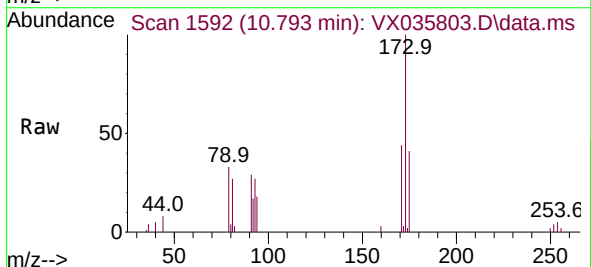
RT: 10.793 min Scan# 1592

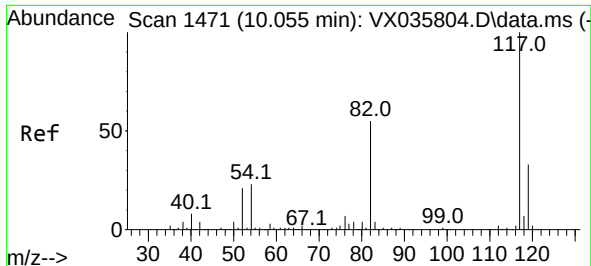
Delta R.T. -0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Tgt Ion: 173	Resp: 5291
Ion Ratio	Lower Upper
173 100	
175 46.1	37.0 55.4
254 5.2	6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

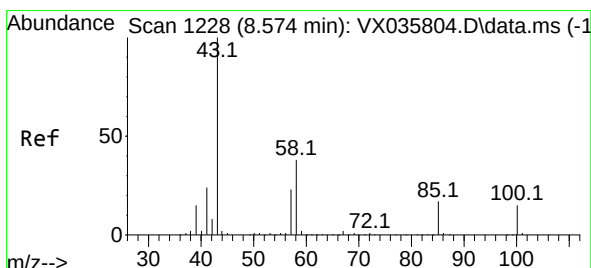
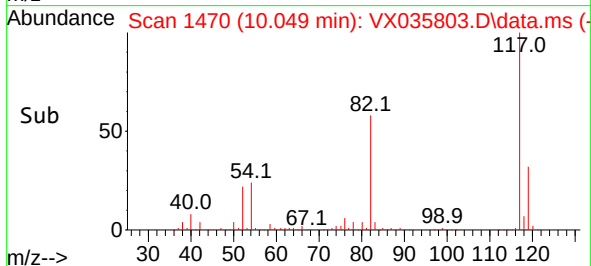
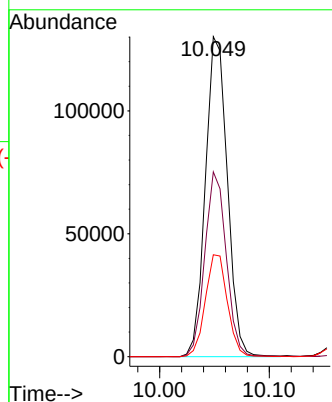
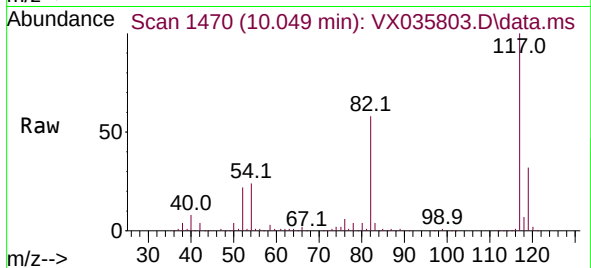
VSTDICC005

Tgt Ion: 117 Resp: 18127
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 32.0 25.4 38.0

Manual Integrations

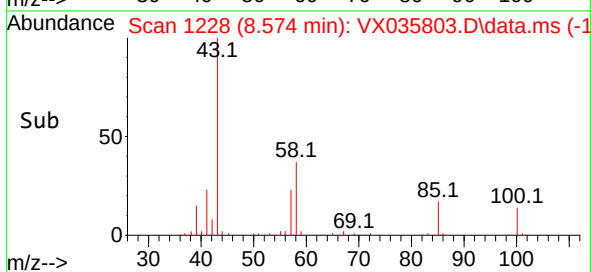
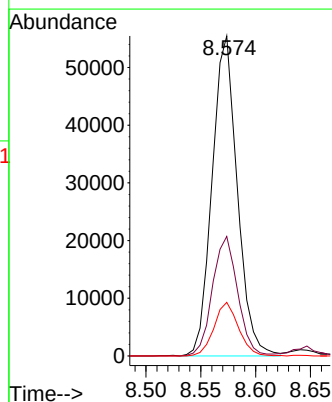
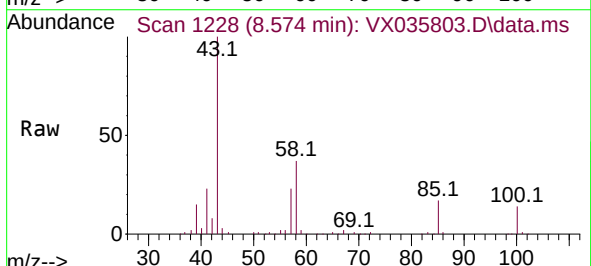
APPROVED

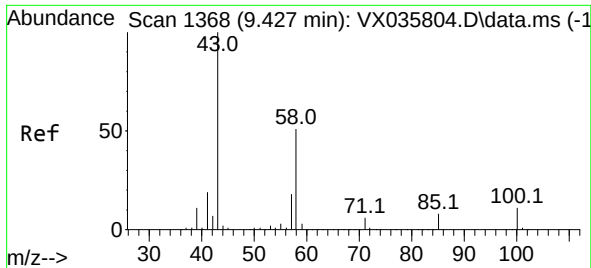
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#58
4-Methyl-2-Pentanone
Concen: 22.085 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 43 Resp: 88695
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9
85 16.3 13.2 19.8





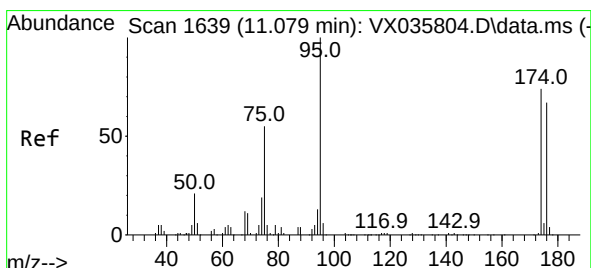
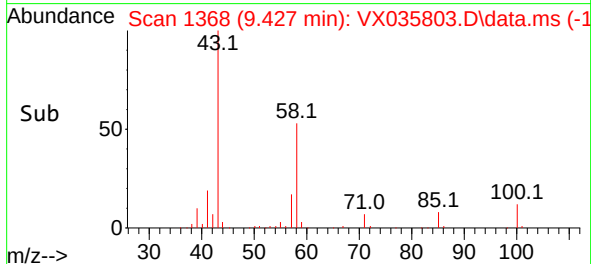
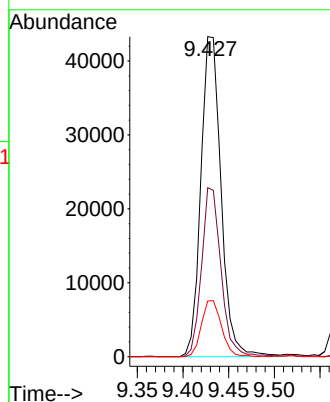
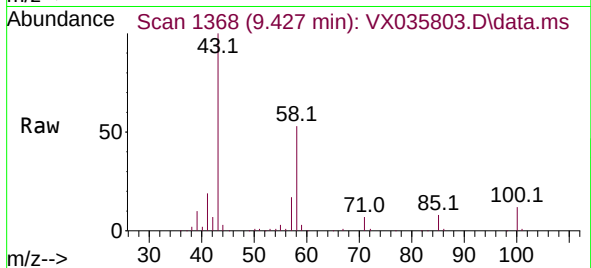
#59
2-Hexanone
Concen: 21.932 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6664
Ion Ratio Lower Upper
43 100
58 50.9 41.7 62.5
57 17.3 14.7 22.1

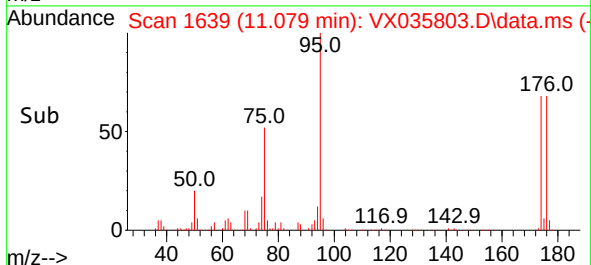
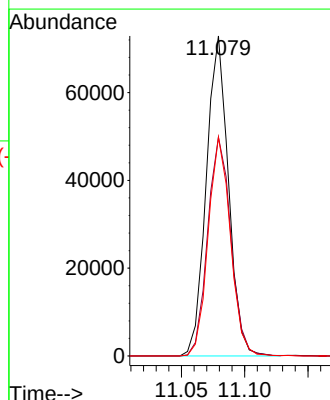
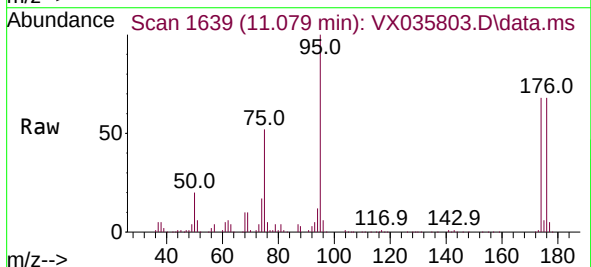
Manual Integrations
APPROVED

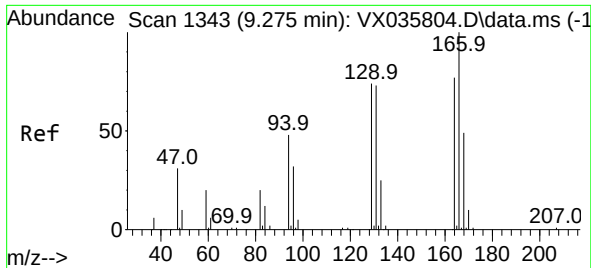
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
4-Bromofluorobenzene
Concen: 25.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 95 Resp: 88988
Ion Ratio Lower Upper
95 100
174 71.5 0.2 0.4#
176 68.3 0.2 0.2#





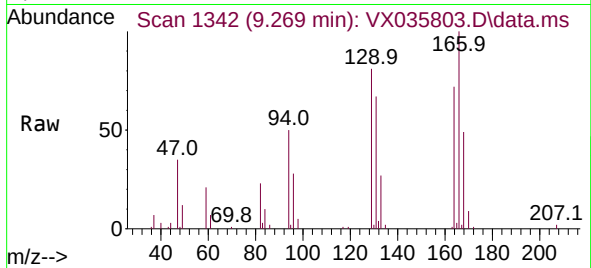
#61
Tetrachloroethene
Concen: 3.666 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



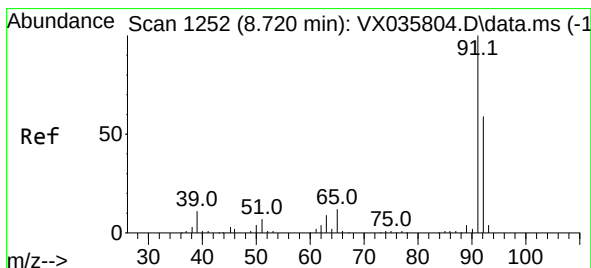
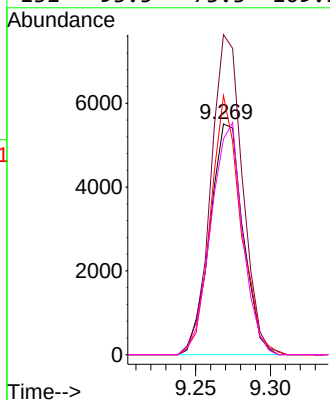
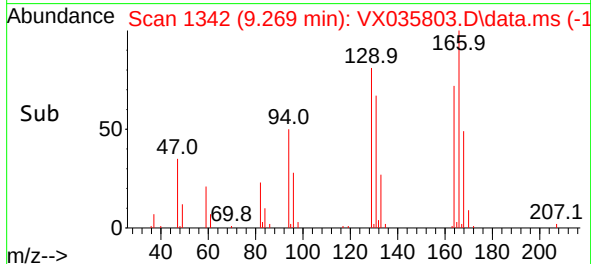
Tgt Ion:164 Resp: 8474
Ion Ratio Lower Upper
164 100
166 138.7 100.1 150.1
129 112.3 79.1 118.7
131 93.5 73.3 109.9

Manual Integrations

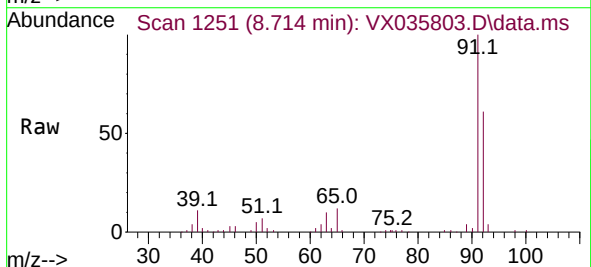
APPROVED

Reviewed By :John Carlone 05/25/2023

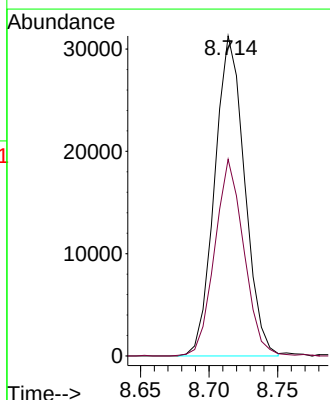
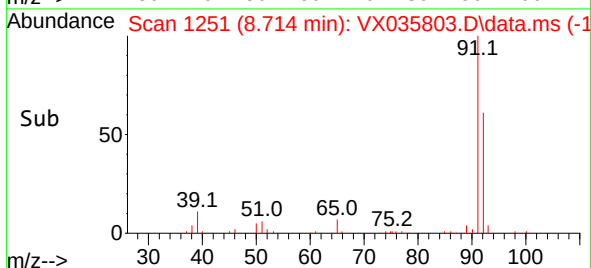
Supervised By :Mahesh Dadoda 05/25/2023

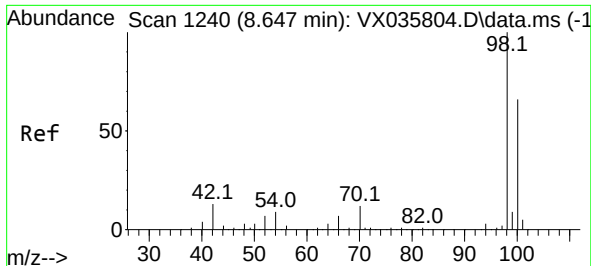


#62
Toluene
Concen: 4.181 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



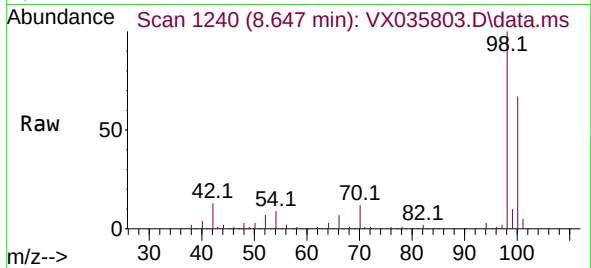
Tgt Ion: 91 Resp: 47512
Ion Ratio Lower Upper
91 100
92 59.9 46.5 69.7





#63
Toluene-d8
Concen: 35.861 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

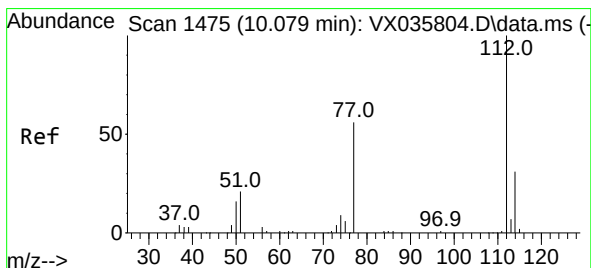
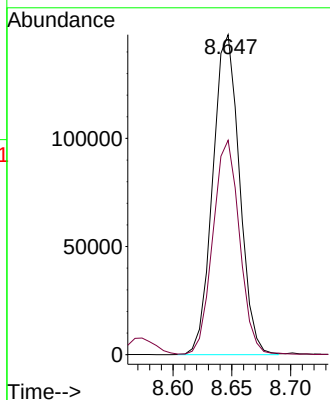
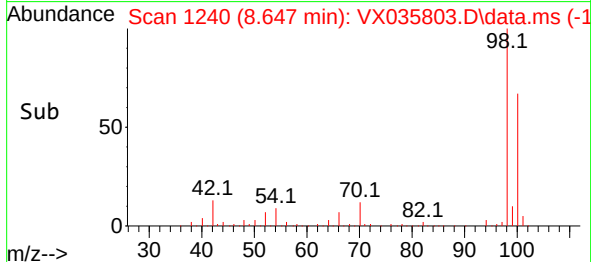
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



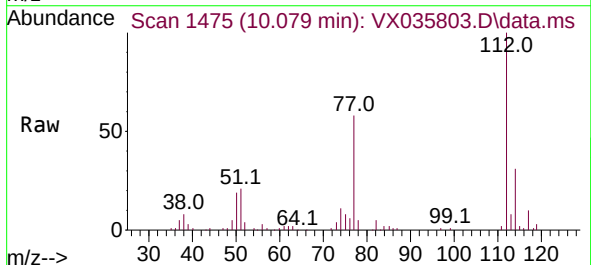
Tgt Ion: 98 Resp: 23410
Ion Ratio Lower Upper
98 100
100 67.1 52.1 78.1

Manual Integrations
APPROVED

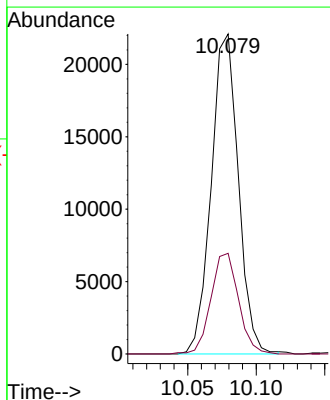
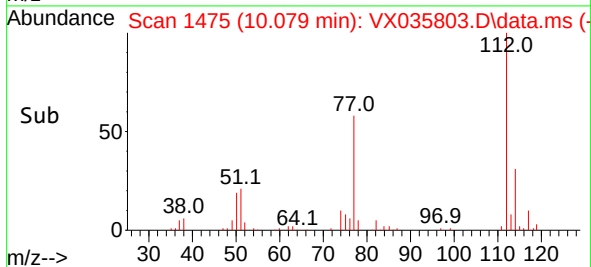
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

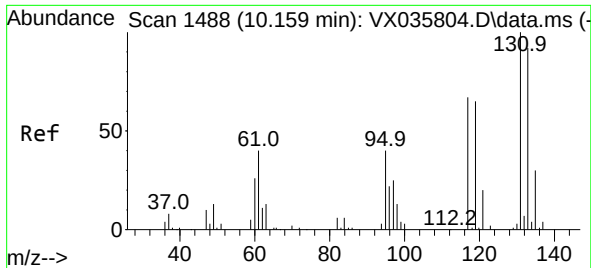


#64
Chlorobenzene
Concen: 4.314 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion:112 Resp: 30398
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8





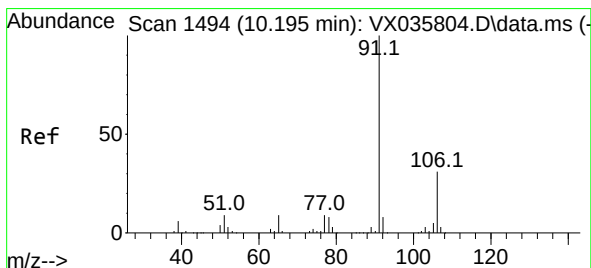
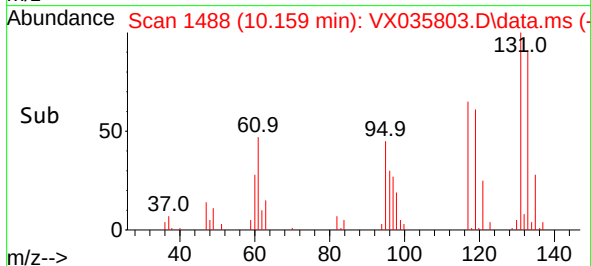
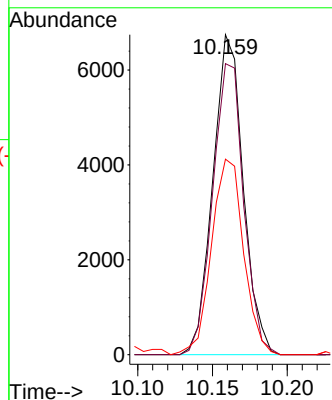
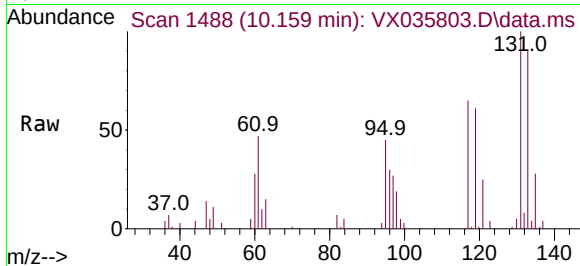
#65
1,1,1,2-Tetrachloroethane
Concen: 3.807 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 952
Ion Ratio Lower Upper
131 100
133 93.0 0.0 186.6
119 64.5 0.0 128.6

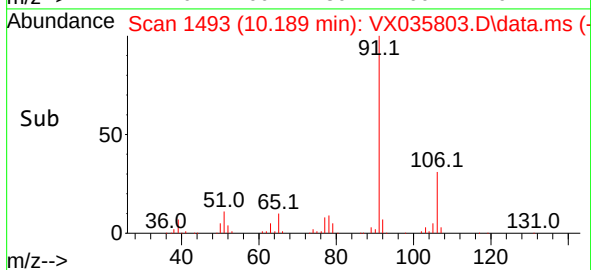
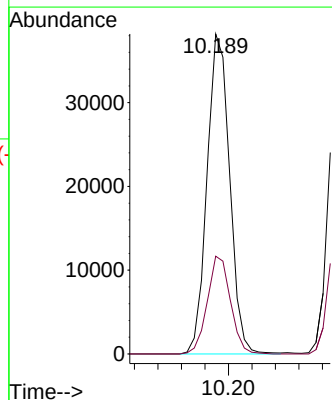
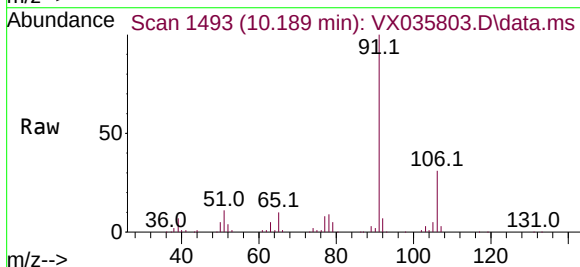
Manual Integrations
APPROVED

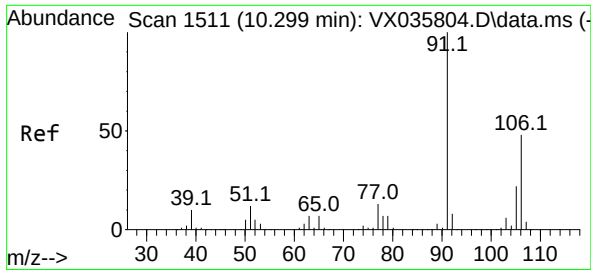
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 4.036 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 91 Resp: 51002
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6





#67

m/p-Xylenes

Concen: 8.133 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 39308

Ion Ratio Lower Upper

106 100

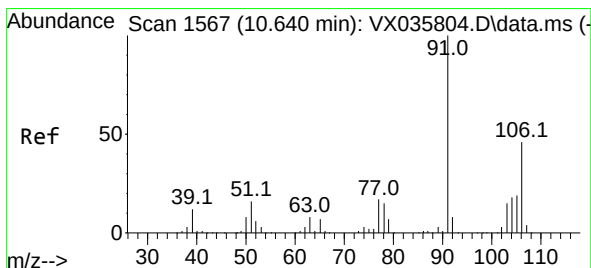
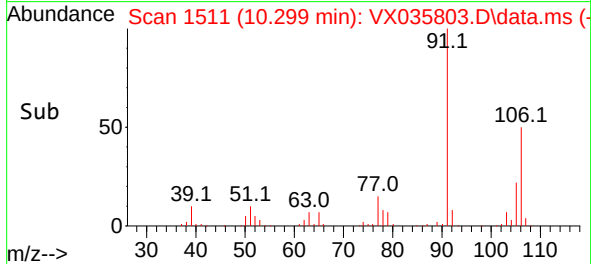
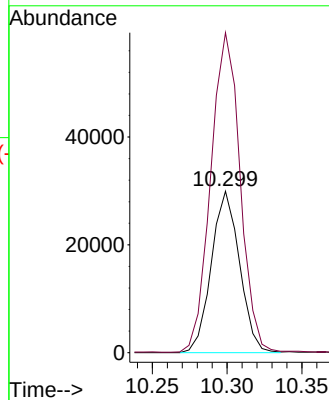
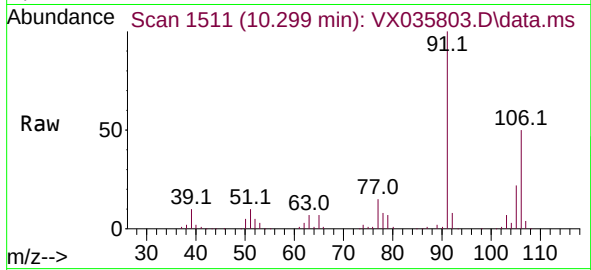
91 206.6 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#68

o-Xylene

Concen: 4.109 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035803.D

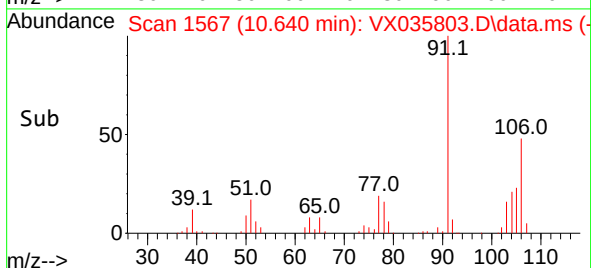
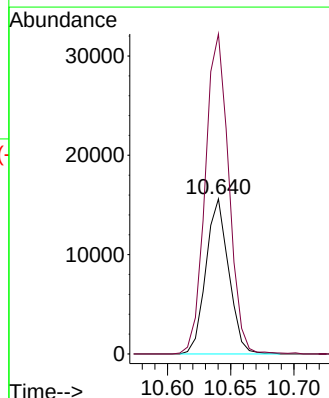
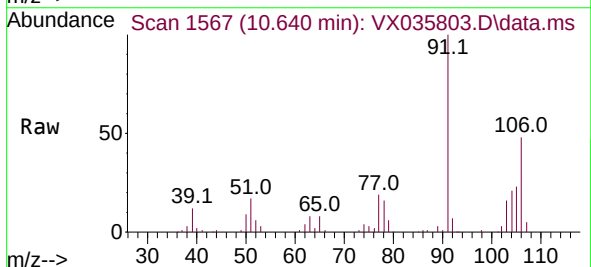
Acq: 23 May 2023 09:19

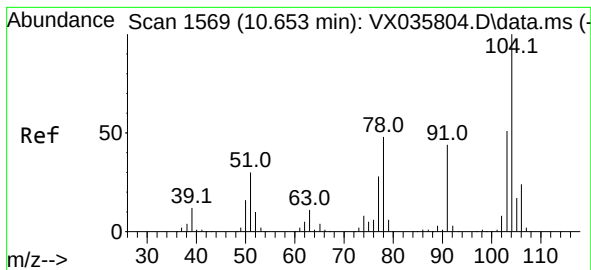
Tgt Ion:106 Resp: 19655

Ion Ratio Lower Upper

106 100

91 212.6 108.9 326.8





#69

Styrene

Concen: 3.887 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

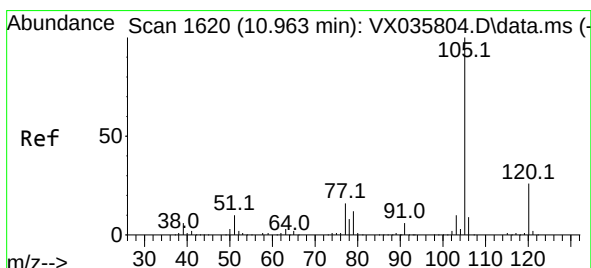
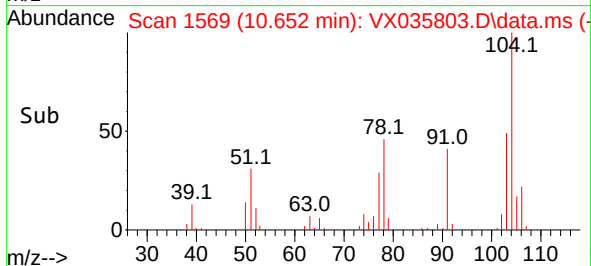
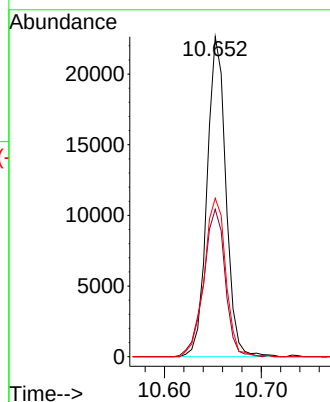
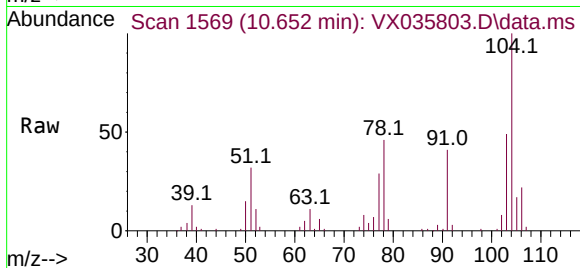
Tgt Ion:104 Resp: 30724
 Ion Ratio Lower Upper
 104 100
 78 52.7 42.8 64.2
 103 56.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Isopropylbenzene

Concen: 3.815 ug/l

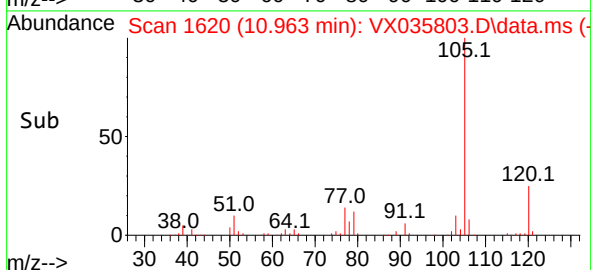
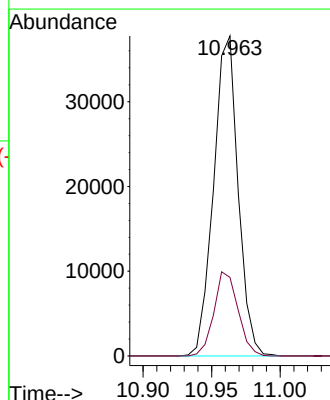
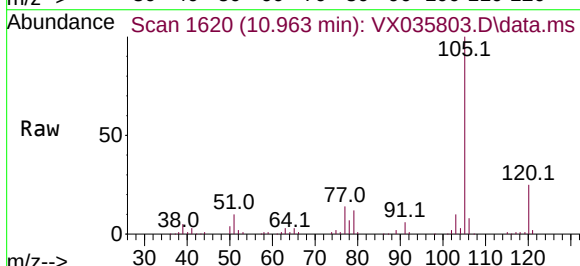
RT: 10.963 min Scan# 1620

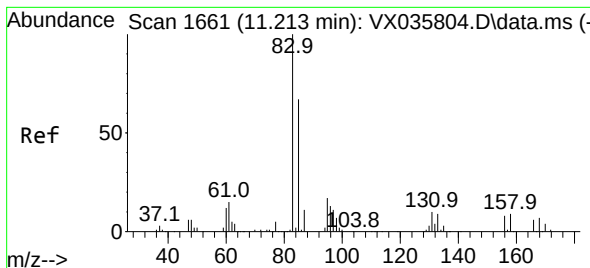
Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

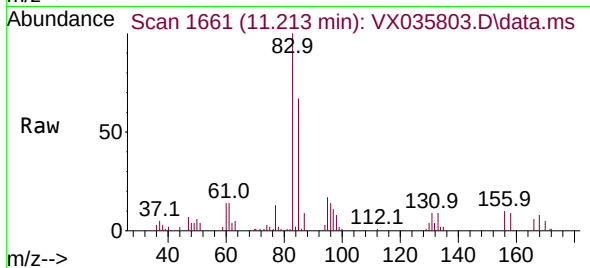
Tgt Ion:105 Resp: 47032
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 4.451 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

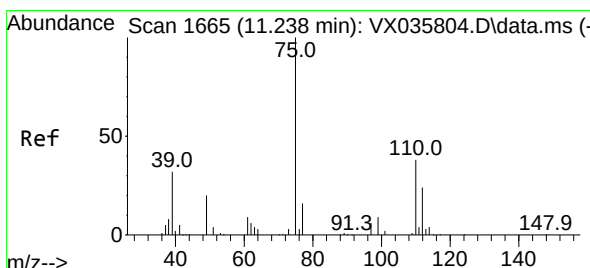
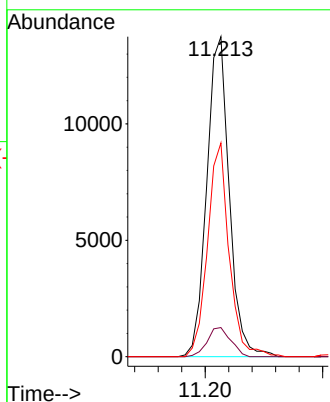
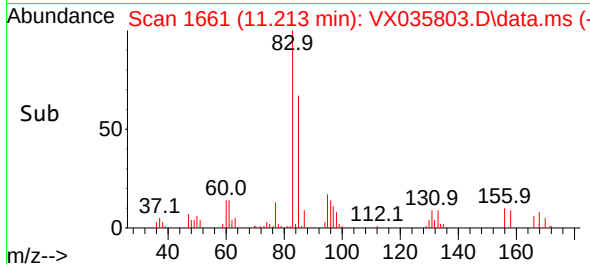
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



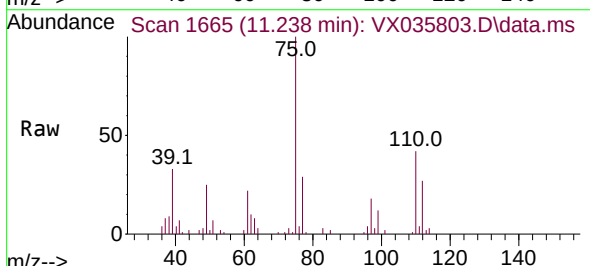
Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.2
85 64.2 31.9 95.5

Manual Integrations
APPROVED

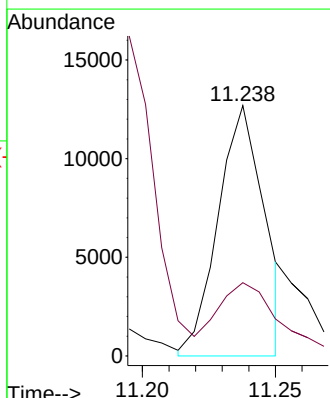
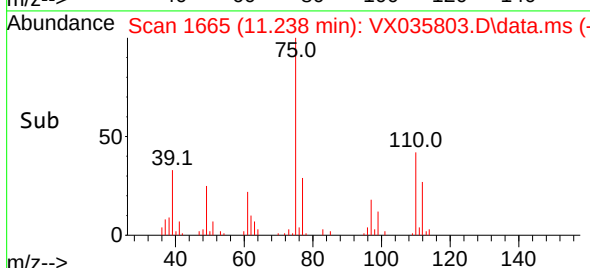
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

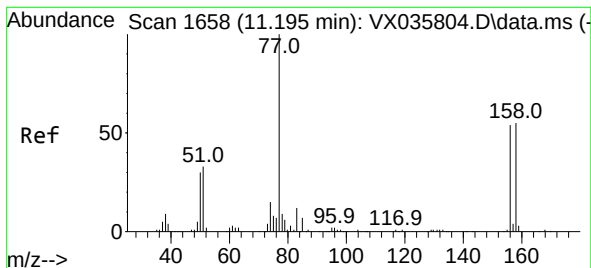


#72
1,2,3-Trichloropropane
Concen: 4.161 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion: 75 Resp: 15287
Ion Ratio Lower Upper
75 100
77 39.6 0.0 73.8





#73

Bromobenzene

Concen: 4.152 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

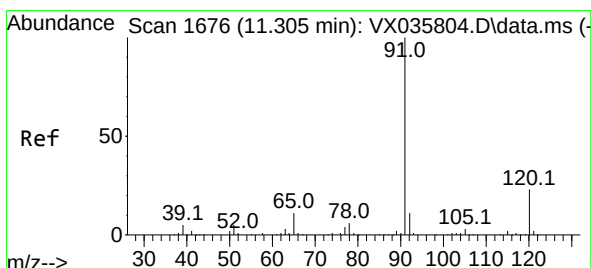
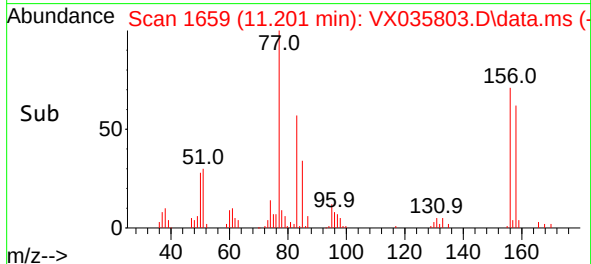
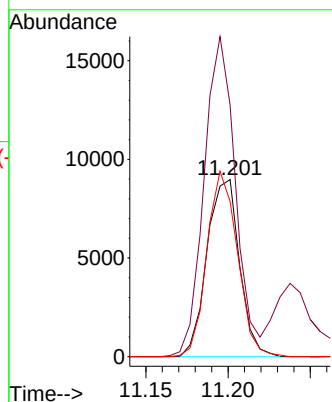
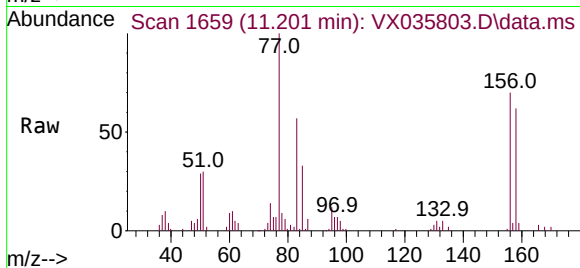
Tgt Ion:	156	Resp:	12349
Ion Ratio	Lower	Upper	
156	100		
77	173.5	0.0	330.8
158	98.3	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 3.781 ug/l

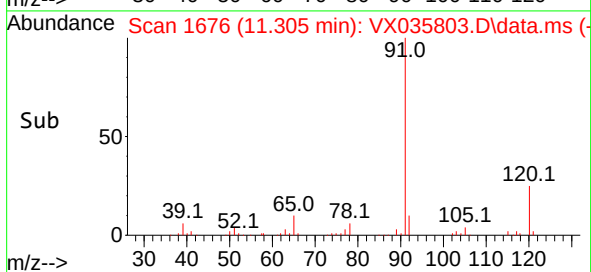
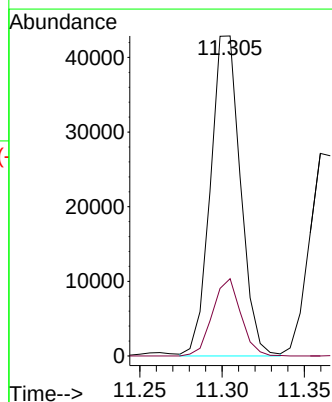
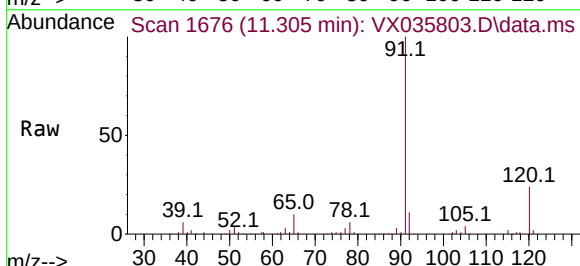
RT: 11.305 min Scan# 1676

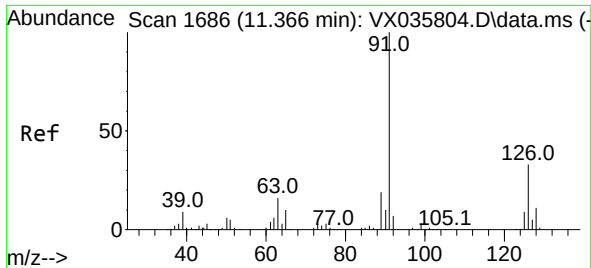
Delta R.T. -0.000 min

Lab File: VX035803.D

Acq: 23 May 2023 09:19

Tgt Ion:	91	Resp:	54468
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	44.8





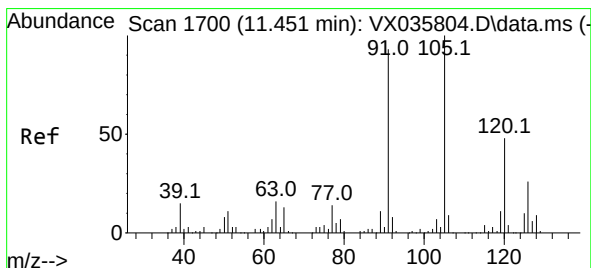
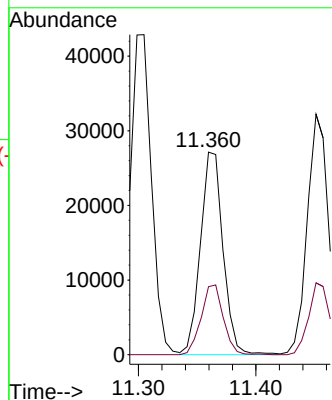
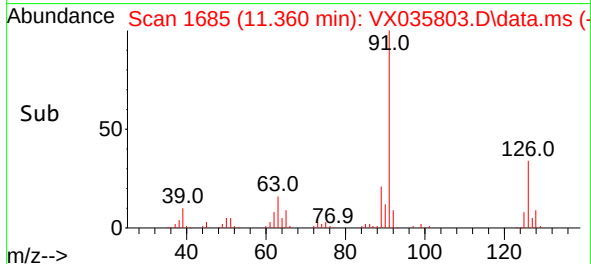
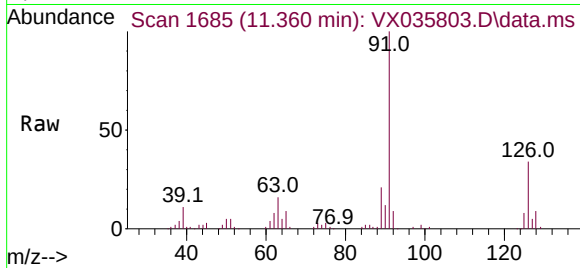
#75
2-Chlorotoluene
Concen: 4.041 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3633
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.4

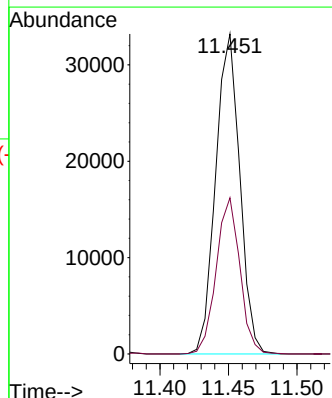
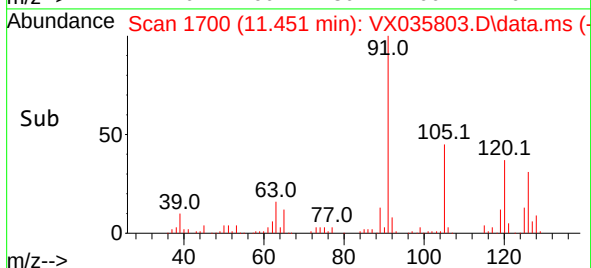
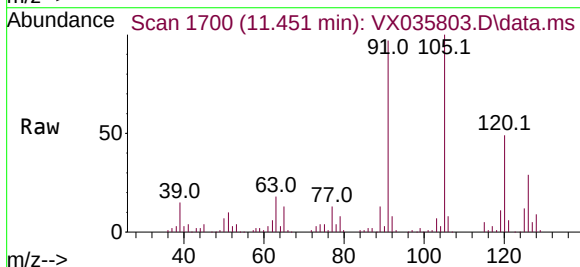
Manual Integrations
APPROVED

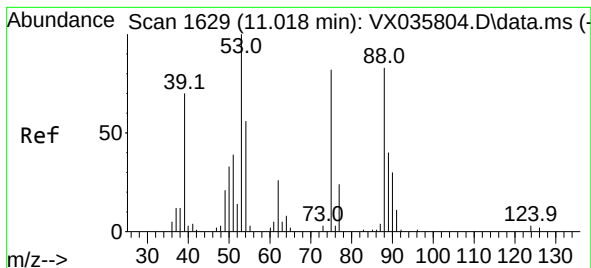
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 3.908 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion:105 Resp: 40675
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





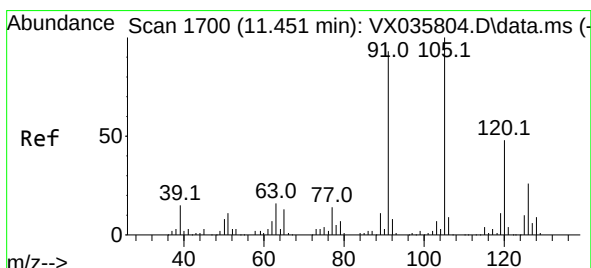
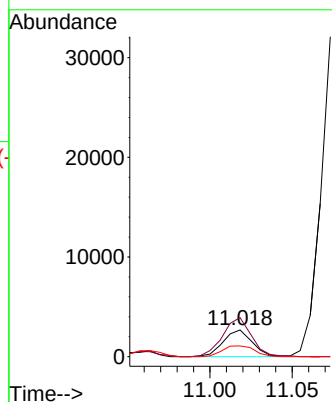
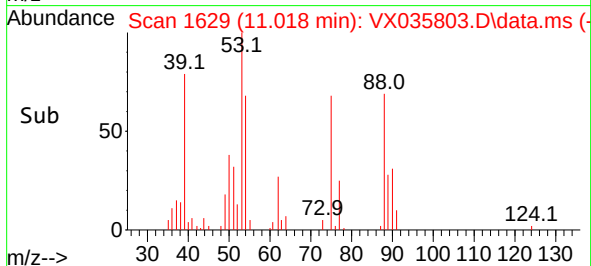
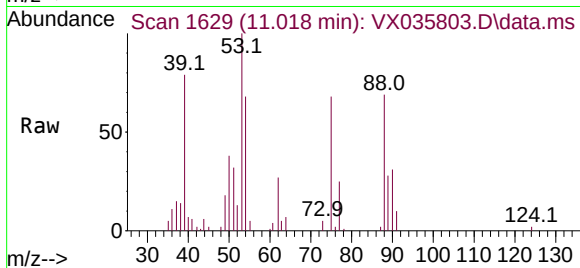
#77
t-1,4-Dichloro-2-butene
Concen: 2.895 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3299
Ion Ratio Lower Upper
75 100
53 146.2 58.2 174.6
89 40.4 20.6 61.8

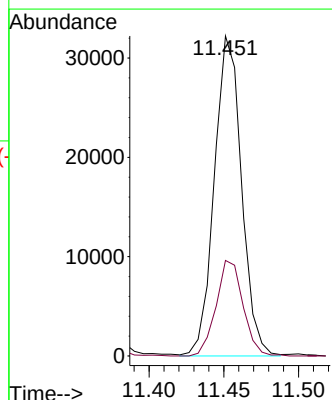
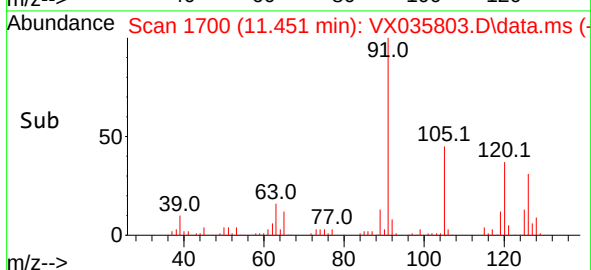
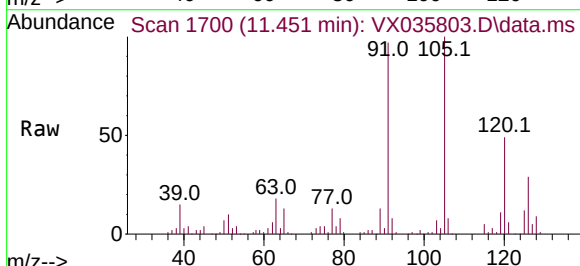
Manual Integrations
APPROVED

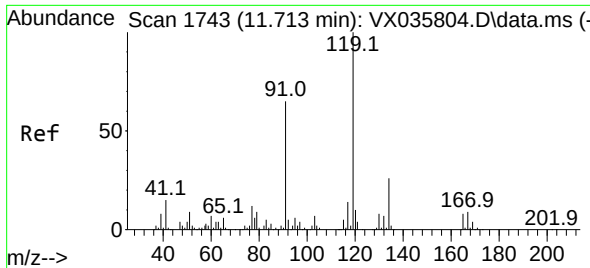
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 3.943 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion: 91 Resp: 40773
Ion Ratio Lower Upper
91 100
126 29.5 0.0 56.8





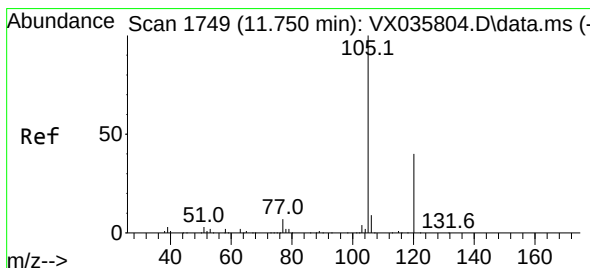
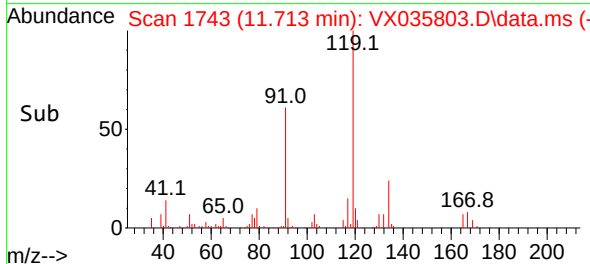
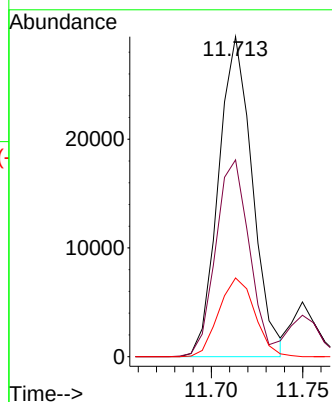
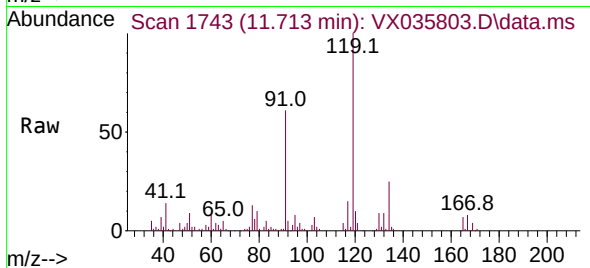
#79
tert-butylbenzene
Concen: 3.832 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 38050
Ion Ratio Lower Upper
119 100
91 60.7 0.0 122.4
134 26.0 0.0 49.2

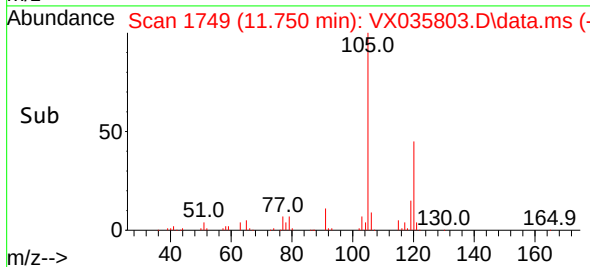
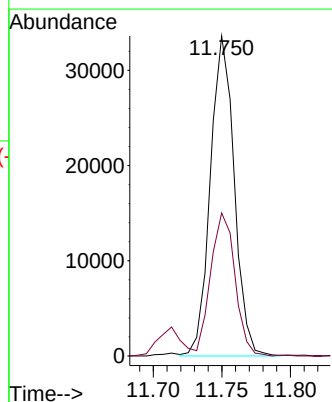
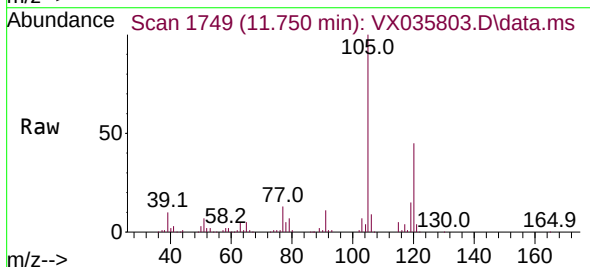
Manual Integrations
APPROVED

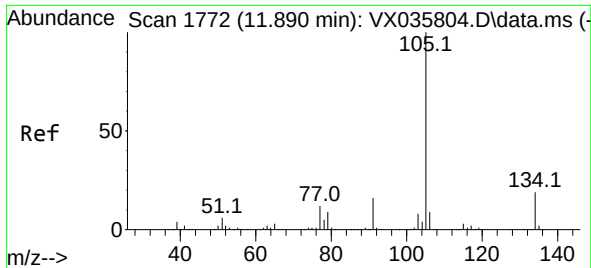
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 3.916 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Tgt Ion:105 Resp: 40692
Ion Ratio Lower Upper
105 100
120 45.3 0.0 90.4





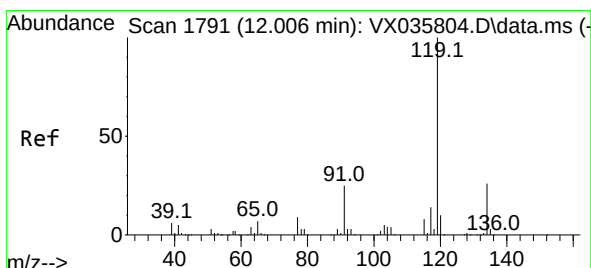
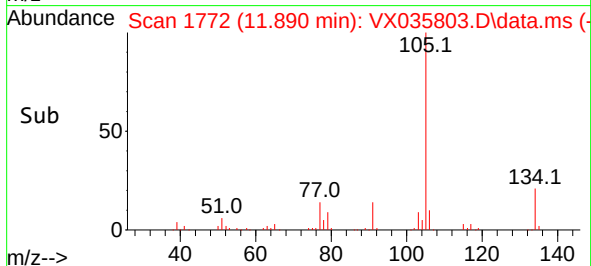
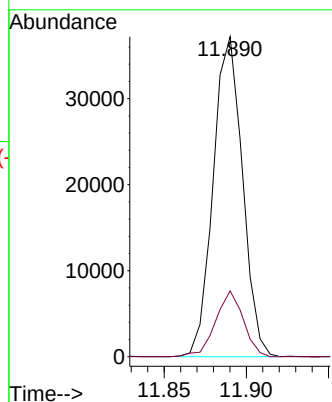
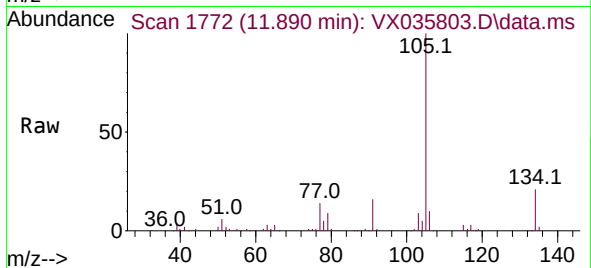
#81
 sec-Butylbenzene
 Concen: 3.826 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035803.D
 Acq: 23 May 2023 09:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4612
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 40.2

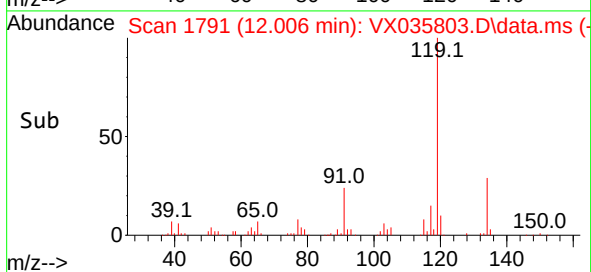
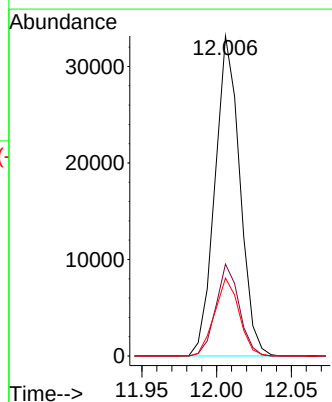
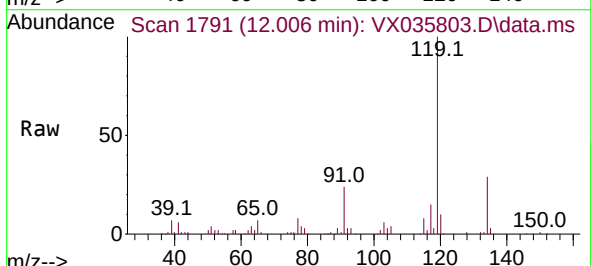
Manual Integrations
 APPROVED

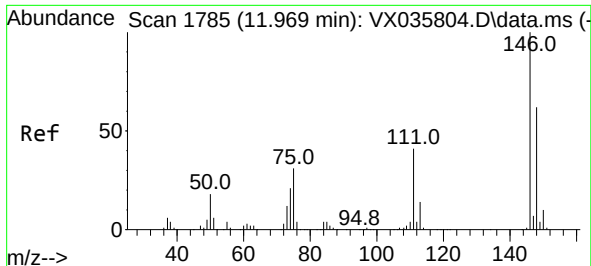
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#82
 p-Isopropyltoluene
 Concen: 3.767 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035803.D
 Acq: 23 May 2023 09:19

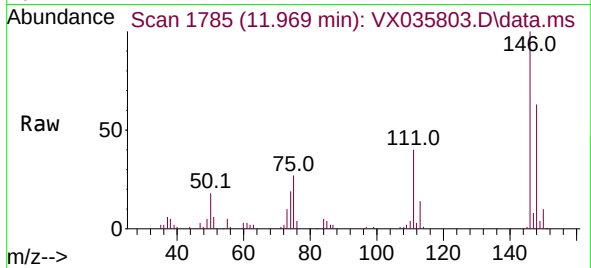
Tgt Ion:119 Resp: 38383
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.2
 91 24.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 4.145 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

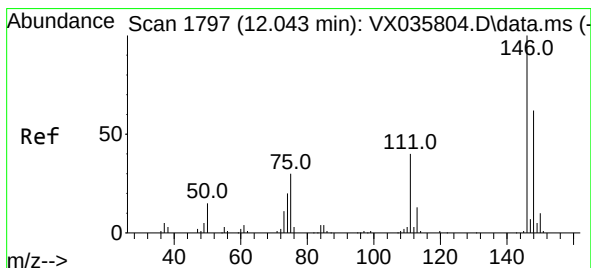
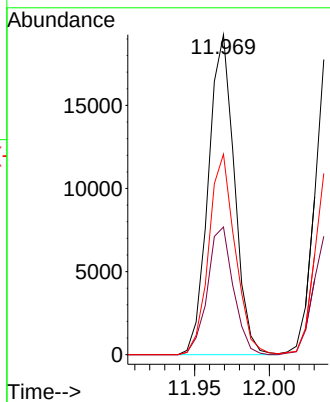
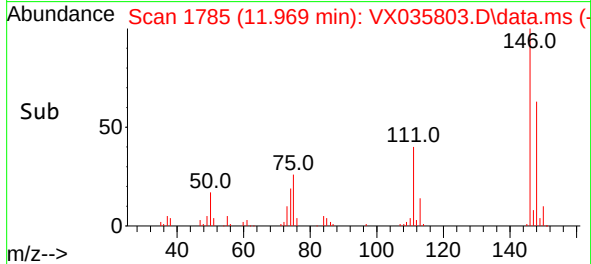
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



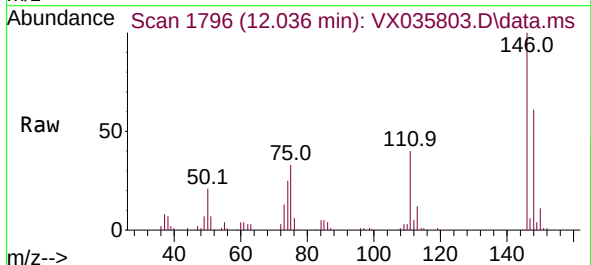
Tgt Ion:146 Resp: 23310
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.9
148 63.5 31.6 94.7

Manual Integrations
APPROVED

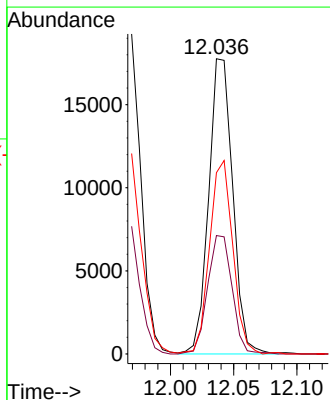
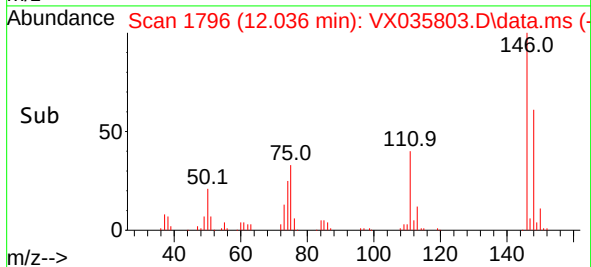
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

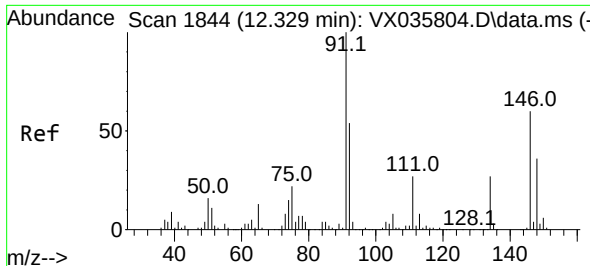


#84
1,4-Dichlorobenzene
Concen: 4.151 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion:146 Resp: 23503
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 63.2 31.8 95.3





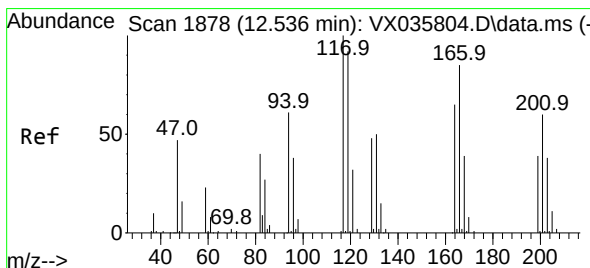
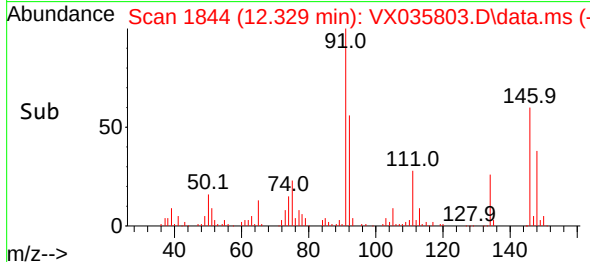
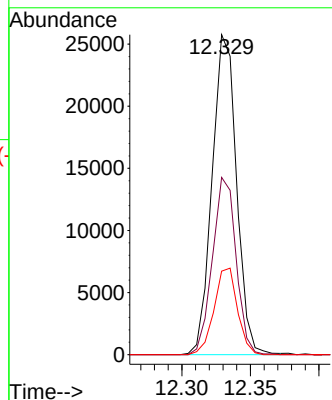
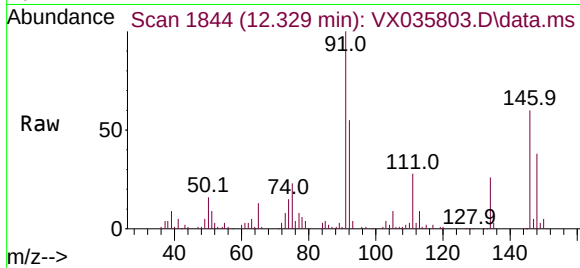
#85
n-Butylbenzene
Concen: 3.637 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3188
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.6
134 25.9 0.0 49.8

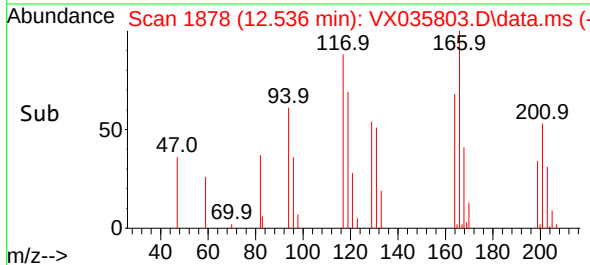
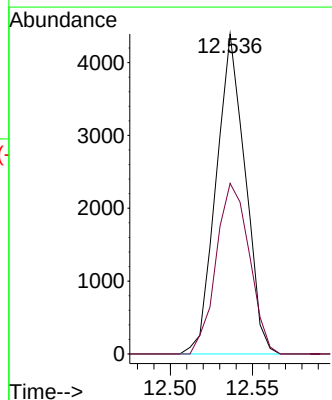
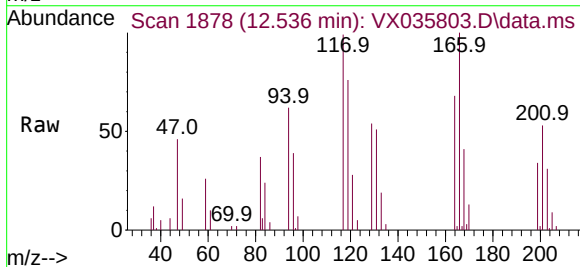
Manual Integrations
APPROVED

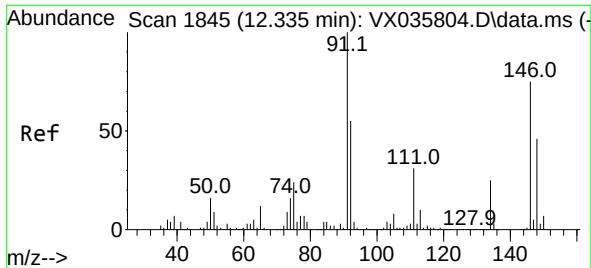
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 3.238 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

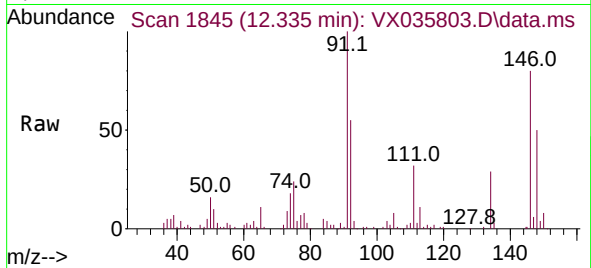
Tgt Ion:117 Resp: 5392
Ion Ratio Lower Upper
117 100
201 61.1 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 4.230 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

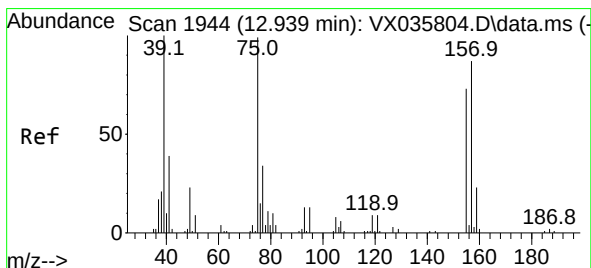
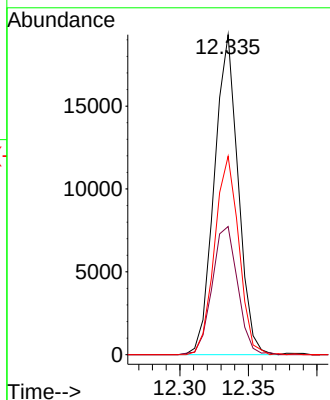
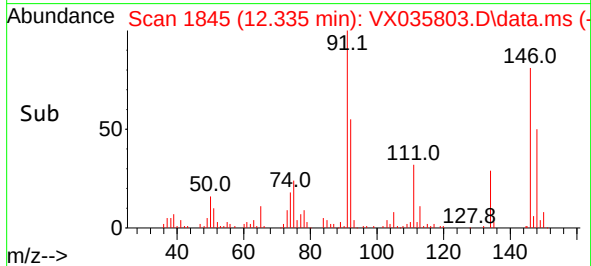
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 2333
Ion Ratio Lower Upper
146 100
111 42.9 21.3 64.0
148 62.9 31.7 95.1

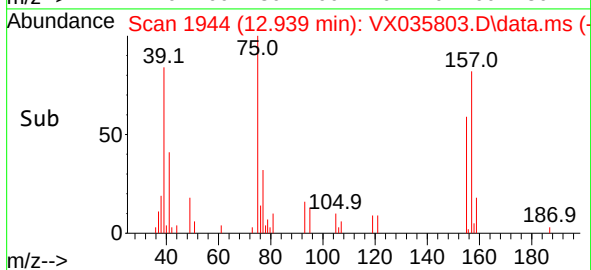
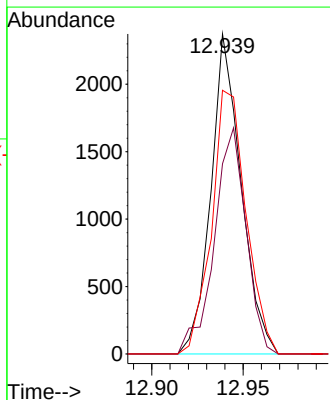
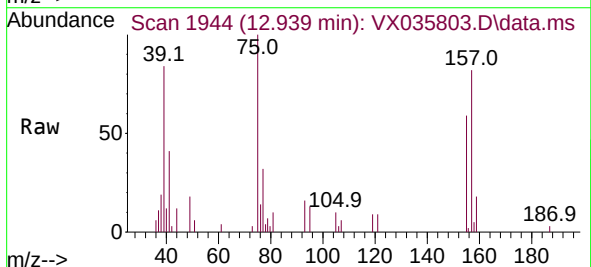
Manual Integrations
APPROVED

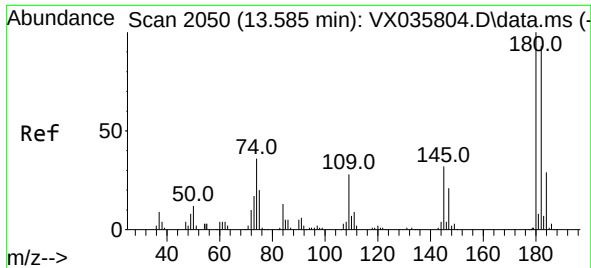
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.078 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

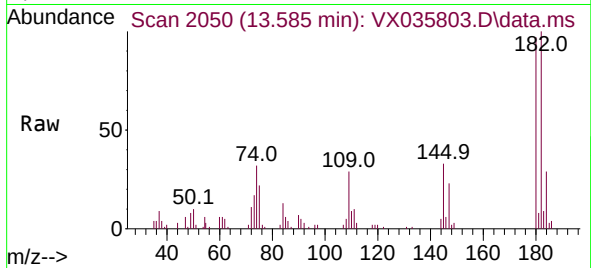
Tgt Ion: 75 Resp: 2735
Ion Ratio Lower Upper
75 100
155 74.0 63.7 95.5
157 93.7 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 3.649 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

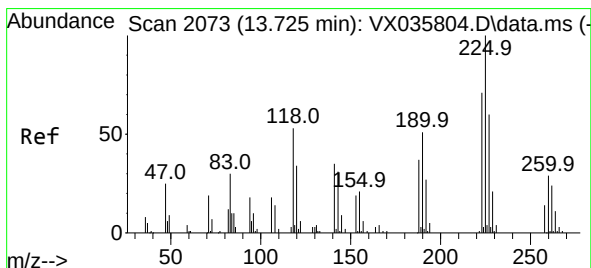
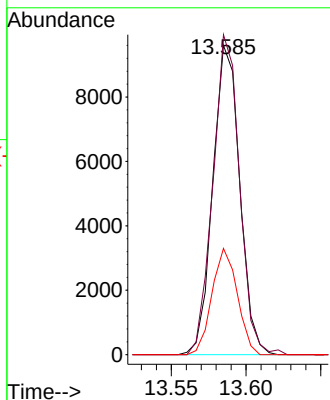
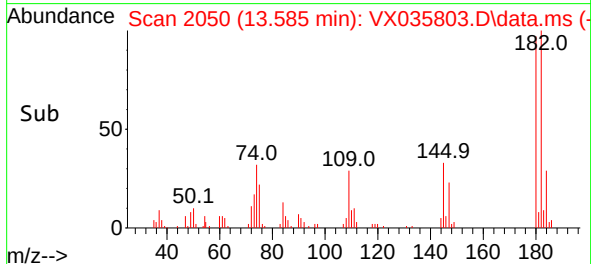
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



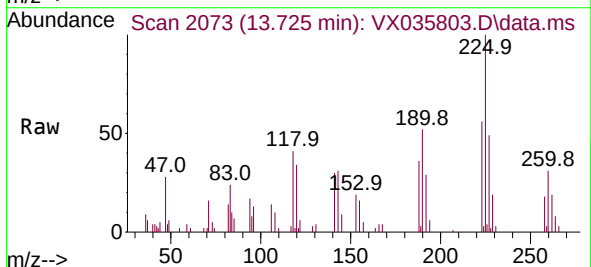
Tgt Ion:180 Resp: 12030
Ion Ratio Lower Upper
180 100
182 102.0 75.8 113.8
145 32.3 25.8 38.6

Manual Integrations
APPROVED

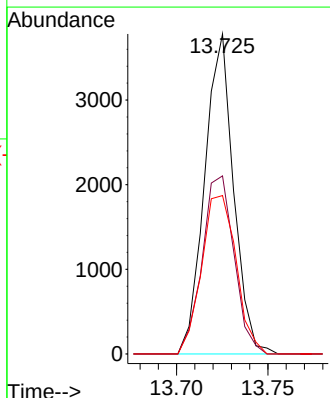
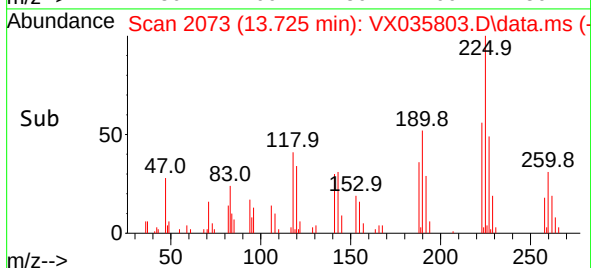
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

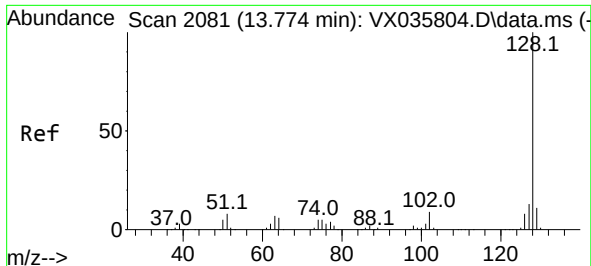


#90
Hexachlorobutadiene
Concen: 3.374 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



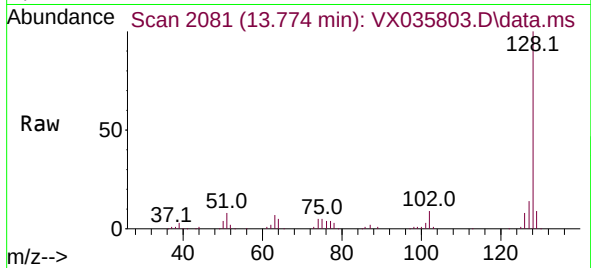
Tgt Ion:225 Resp: 4160
Ion Ratio Lower Upper
225 100
223 61.4 0.0 124.2
227 59.4 0.0 122.8





#91
Naphthalene
Concen: 3.562 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19

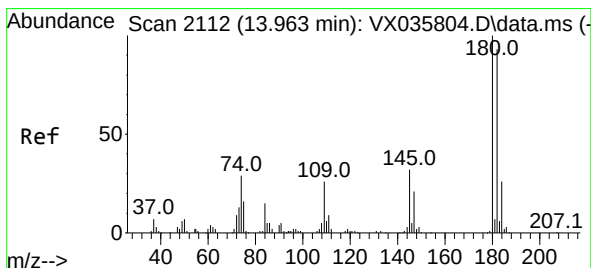
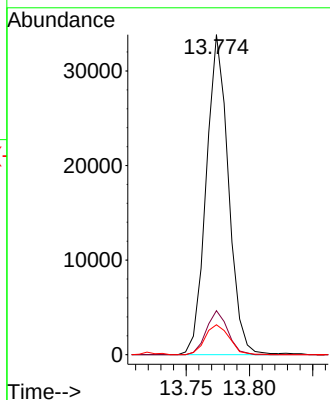
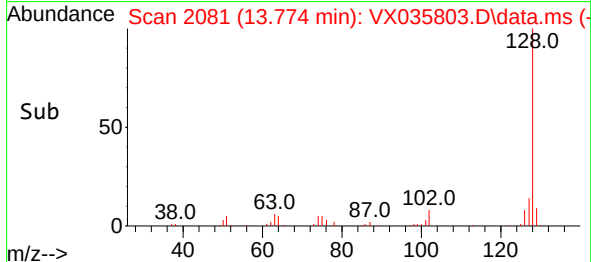
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



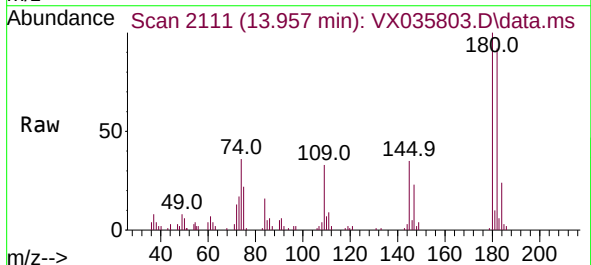
Tgt Ion:128 Resp: 4125
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.875 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035803.D
Acq: 23 May 2023 09:19



Tgt Ion:180 Resp: 12714
Ion Ratio Lower Upper
180 100
182 88.8 0.0 191.0
145 35.2 0.0 66.8

