

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036604.D
 Acq On : 21 Jul 2023 11:20
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 21 11:46:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	276389	100.263	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.520%#			
35) Dibromofluoromethane	5.391	113	224252	102.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 204.020%#			
50) Toluene-d8	8.653	98	794066	97.629	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.260%#			
62) 4-Bromofluorobenzene	11.079	95	298109	101.398	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 202.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	236495	123.437	ug/l	98
3) Chloromethane	1.301	50	206825	69.459	ug/l	99
4) Vinyl Chloride	1.374	62	229810	70.784	ug/l	99
5) Bromomethane	1.618	94	135523	58.954	ug/l	99
6) Chloroethane	1.685	64	101004	43.834	ug/l	98
7) Trichlorofluoromethane	1.886	101	362700	73.158	ug/l	100
8) Diethyl Ether	2.136	74	134720	70.878	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	222479	102.094	ug/l	99
10) Methyl Iodide	2.453	142	239383	93.021	ug/l	92
11) Tert butyl alcohol	2.989	59	314754m	589.835	ug/l	
12) 1,1-Dichloroethene	2.319	96	214141	99.061	ug/l	90
13) Acrolein	2.239	56	185334	293.490	ug/l	98
14) Allyl chloride	2.666	41	414143	114.204	ug/l	93
15) Acrylonitrile	3.069	53	641644	500.879	ug/l	99
16) Acetone	2.392	43	536081	454.287	ug/l	91
17) Carbon Disulfide	2.514	76	571659	105.288	ug/l	99
18) Methyl Acetate	2.709	43	476118	98.109	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	808621	112.712	ug/l	99
20) Methylene Chloride	2.788	84	241092	95.254	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	234851	100.694	ug/l	93
22) Diisopropyl ether	3.764	45	780392	108.234	ug/l #	84
23) Vinyl Acetate	3.721	43	3015059	570.190	ug/l	95
24) 1,1-Dichloroethane	3.611	63	453692	107.506	ug/l	99
25) 2-Butanone	4.562	43	903380	523.855	ug/l	95
26) 2,2-Dichloropropane	4.477	77	419489	132.957	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	281956	107.055	ug/l	95
28) Bromochloromethane	4.904	49	207730	94.848	ug/l	96
29) Tetrahydrofuran	5.007	42	583567	528.938	ug/l	95
30) Chloroform	5.099	83	461337	108.292	ug/l	98
31) Cyclohexane	5.471	56	389870	108.489	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	417451	115.580	ug/l	99
36) 1,1-Dichloropropene	5.696	75	342832	104.340	ug/l	99
37) Ethyl Acetate	4.715	43	372691	109.007	ug/l	98
38) Carbon Tetrachloride	5.678	117	365592	119.067	ug/l	100
39) Methylcyclohexane	7.379	83	420839	106.730	ug/l	96
40) Benzene	6.037	78	982894	106.410	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	205885	109.297	ug/l	95
42) 1,2-Dichloroethane	6.086	62	363754	104.215	ug/l	96
43) Isopropyl Acetate	6.342	43	642446	116.676	ug/l	96
44) Trichloroethene	7.129	130	258775	101.608	ug/l	100
45) 1,2-Dichloropropane	7.428	63	263320	105.223	ug/l	100
46) Dibromomethane	7.580	93	183676	104.088	ug/l	97
47) Bromodichloromethane	7.824	83	378854	116.787	ug/l	96
48) Methyl methacrylate	7.696	41	302843	111.380	ug/l	93
49) 1,4-Dioxane	7.702	88	116239	1963.495	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	1688151	487.047	ug/l	95
52) Toluene	8.720	92	612825	104.773	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	434997	129.623	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	453413	121.564	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	252061	103.878	ug/l	96
56) Ethyl methacrylate	9.116	69	420128	113.400	ug/l	95
57) 1,3-Dichloropropane	9.311	76	432871	103.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1024712	509.894	ug/l	97
59) 2-Hexanone	9.433	43	1259283	496.694	ug/l	94
60) Dibromochloromethane	9.525	129	284588	117.735	ug/l	99
61) 1,2-Dibromoethane	9.610	107	266306	103.469	ug/l	99
64) Tetrachloroethene	9.275	164	217772	105.019	ug/l	100
65) Chlorobenzene	10.079	112	639415	103.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	254653	119.992	ug/l	99
67) Ethyl Benzene	10.195	91	1167990	106.118	ug/l	99
68) m/p-Xylenes	10.305	106	866258	203.695	ug/l	97
69) o-Xylene	10.640	106	430572	103.919	ug/l	98
70) Styrene	10.659	104	719247	106.080	ug/l	98
71) Bromoform	10.799	173	205423	131.080	ug/l #	100
73) Isopropylbenzene	10.963	105	1123136	108.280	ug/l	98
74) N-amyl acetate	10.842	43	507032	120.193	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	357946	101.814	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	302538m	102.011	ug/l	
77) Bromobenzene	11.195	156	258058	101.548	ug/l	97
78) n-propylbenzene	11.305	91	1304217	107.464	ug/l	99
79) 2-Chlorotoluene	11.366	91	776755	107.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	928196	105.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	142030	142.302	ug/l #	85
82) 4-Chlorotoluene	11.457	91	886562	105.541	ug/l	99
83) tert-Butylbenzene	11.713	119	911029	107.725	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	929858	106.706	ug/l	96
85) sec-Butylbenzene	11.890	105	1157359	108.078	ug/l	98
86) p-Isopropyltoluene	12.006	119	959950	107.095	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	481081	102.997	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	476648	100.290	ug/l	99
89) n-Butylbenzene	12.329	91	877544	109.851	ug/l	99
90) Hexachloroethane	12.536	117	196222	136.946	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	455277	99.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	90324	131.036	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	305450	108.074	ug/l	97
94) Hexachlorobutadiene	13.725	225	121317	104.515	ug/l	97
95) Naphthalene	13.774	128	1038095	110.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	299483	108.808	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:46:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

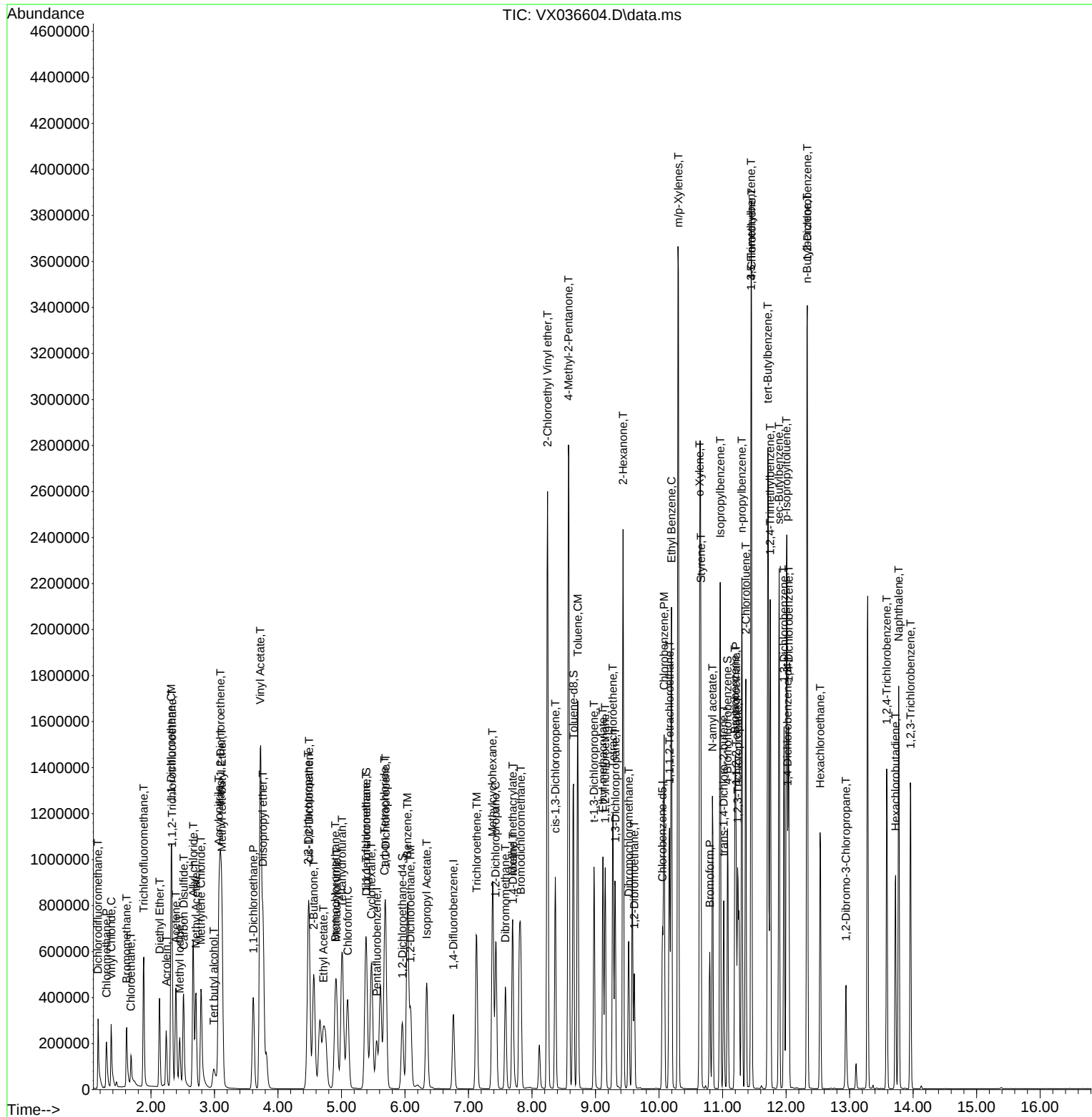
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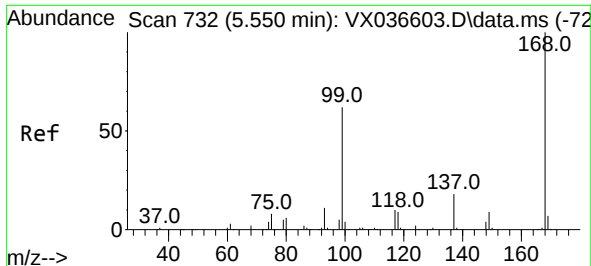
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 ClientSampleId :
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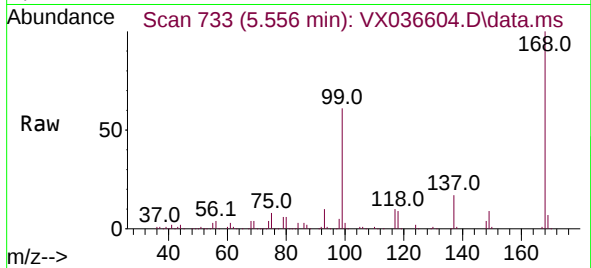
Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

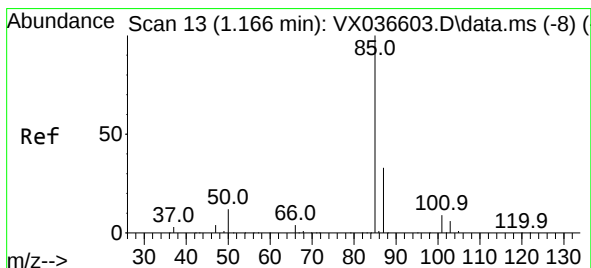
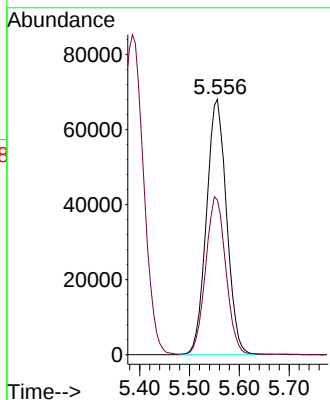
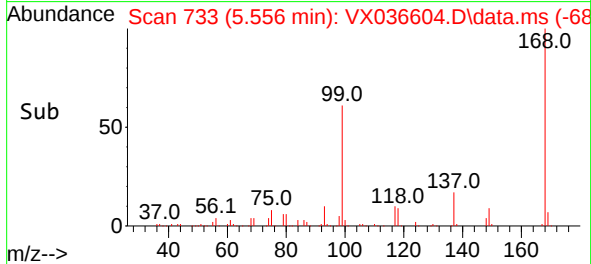
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 191064
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

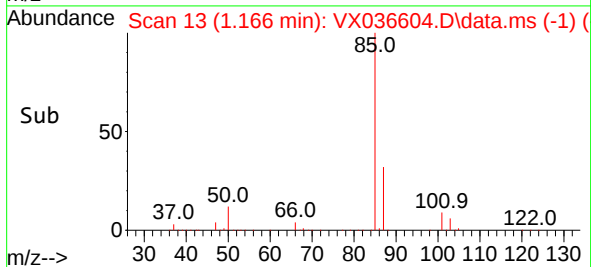
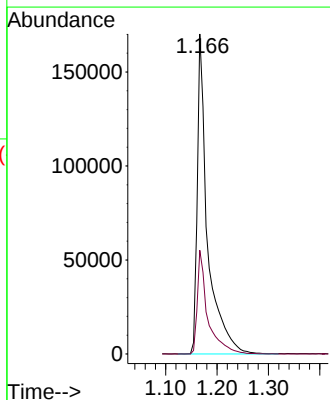
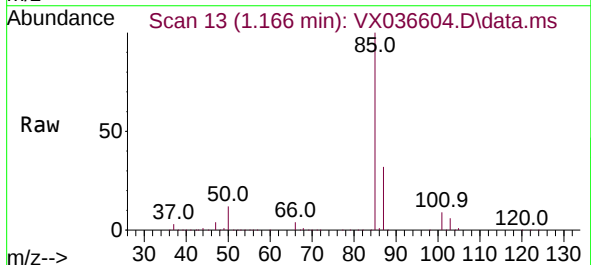
Manual Integrations
APPROVED

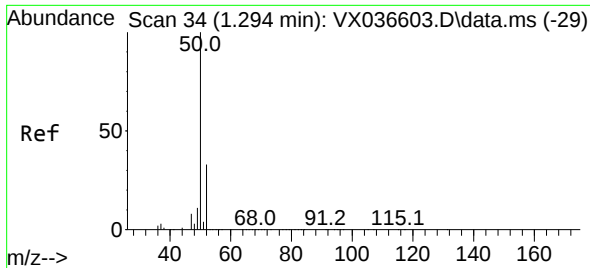
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 123.437 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 85 Resp: 236495
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





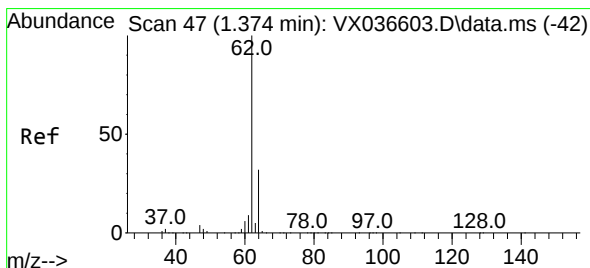
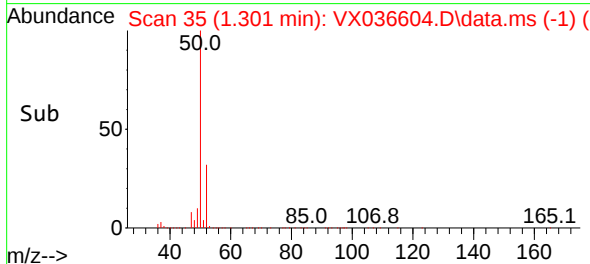
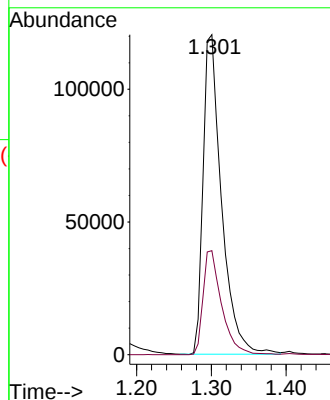
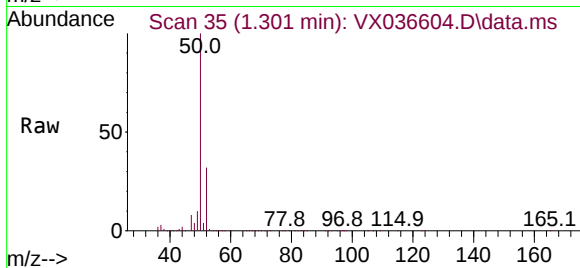
#3
Chloromethane
Concen: 69.459 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 50 Resp: 206825
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

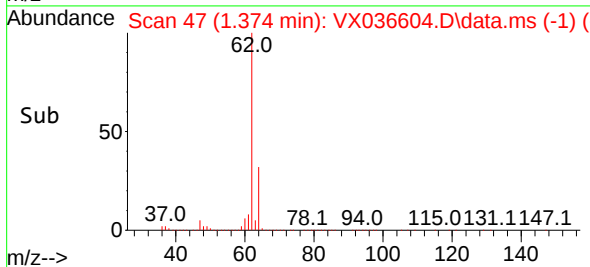
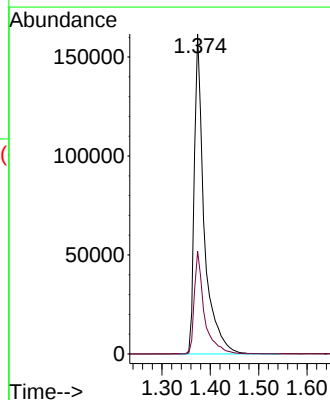
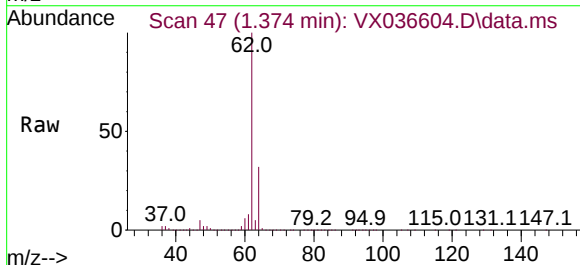
Manual Integrations
APPROVED

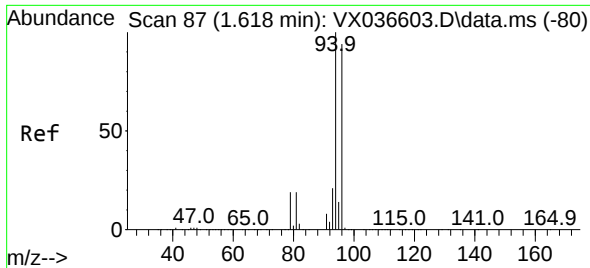
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 70.784 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

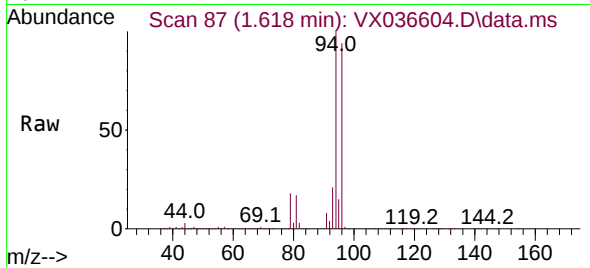
Tgt Ion: 62 Resp: 229810
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 58.954 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

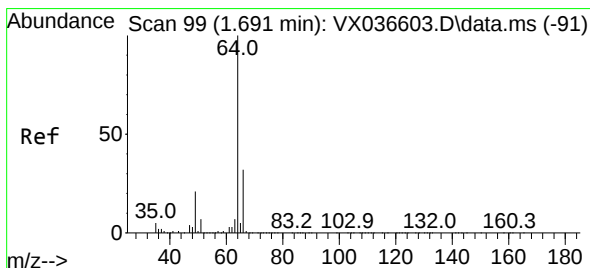
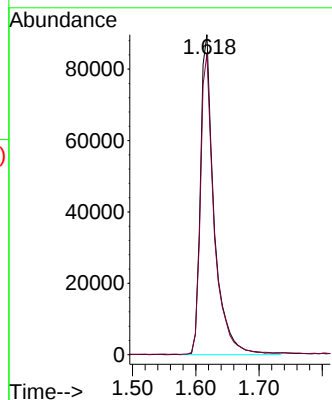
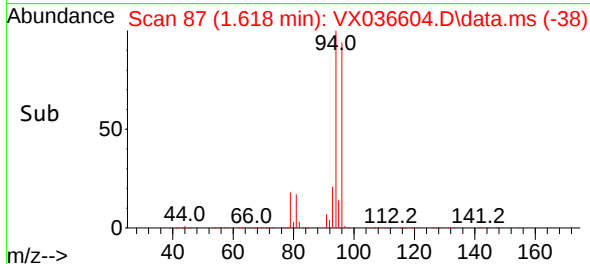
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 13552
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8

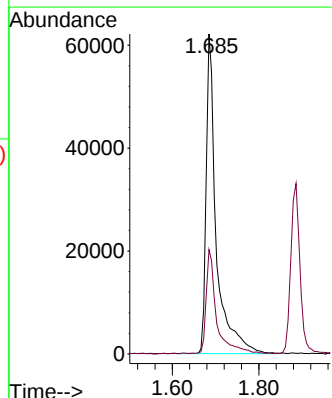
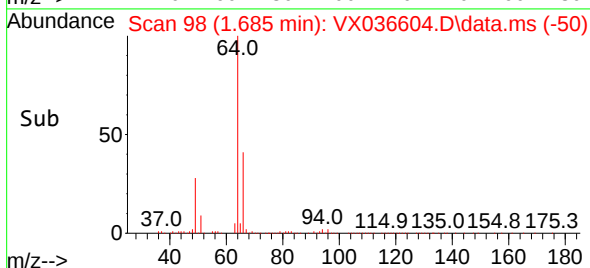
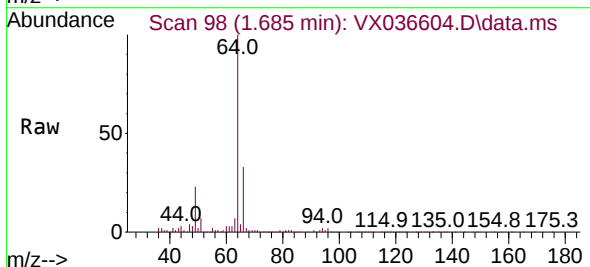
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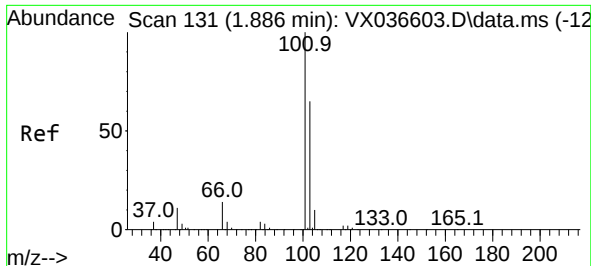
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#6
Chloroethane
Concen: 43.834 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 64 Resp: 101004
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





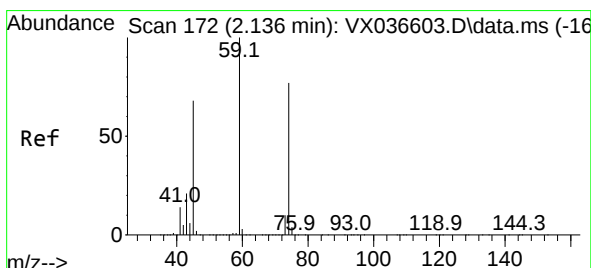
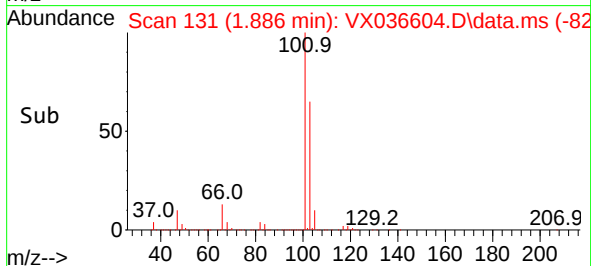
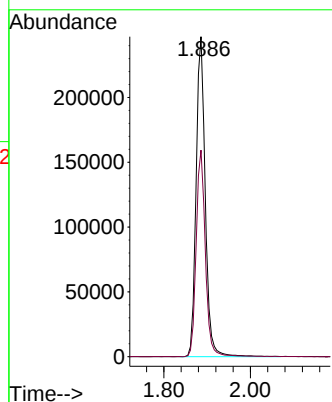
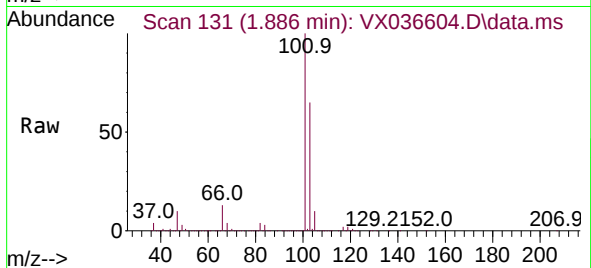
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Trichlorofluoromethane
Concen: 73.158 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 362700
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

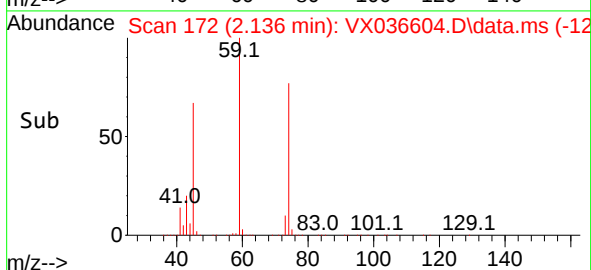
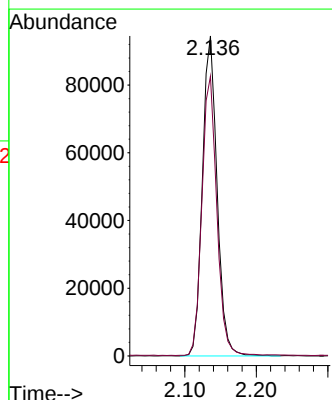
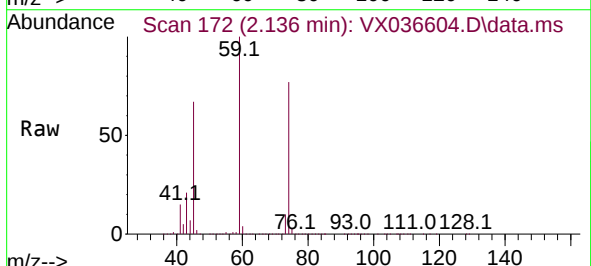
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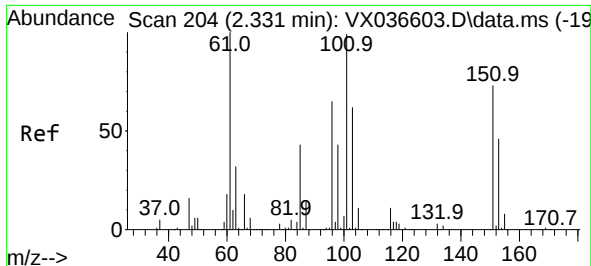
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#8
Diethyl Ether
Concen: 70.878 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 74 Resp: 134720
Ion Ratio Lower Upper
74 100
45 88.5 53.3 159.8





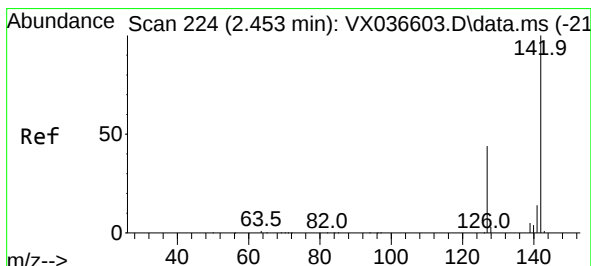
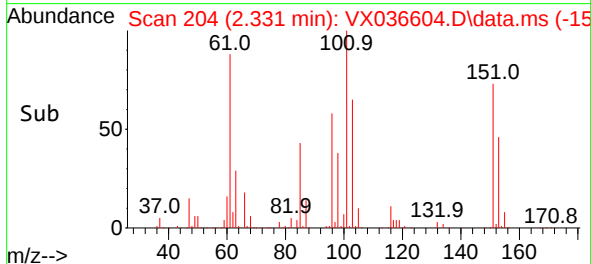
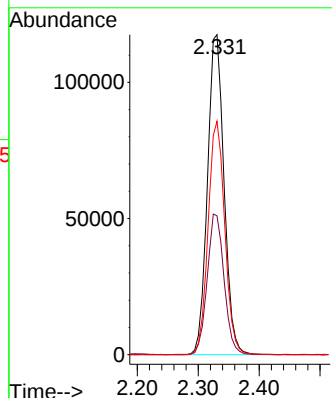
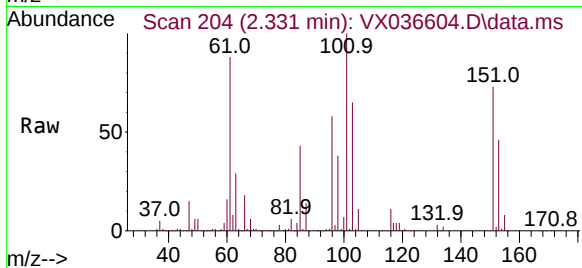
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.094 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 222479
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 73.2 58.6 87.8

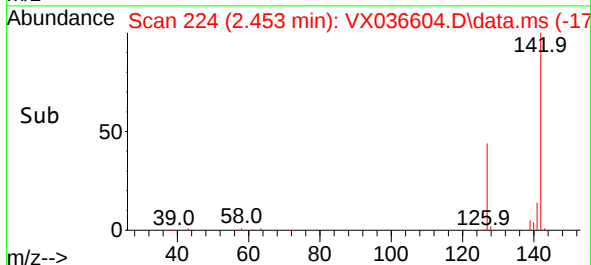
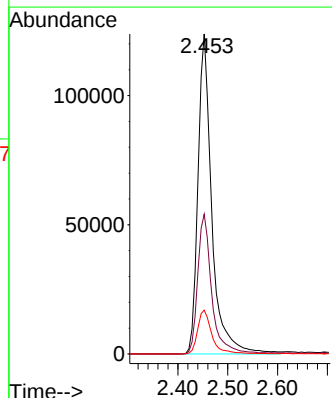
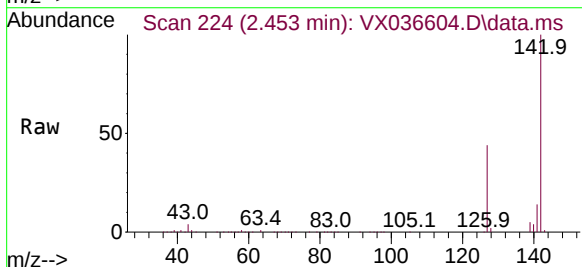
Manual Integrations
APPROVED

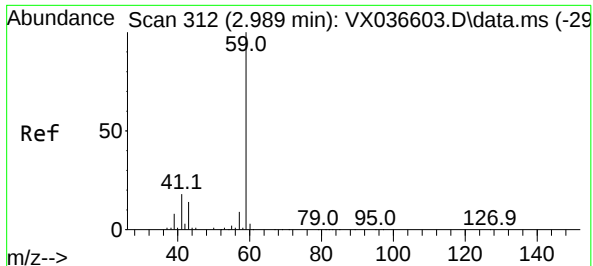
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 93.021 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

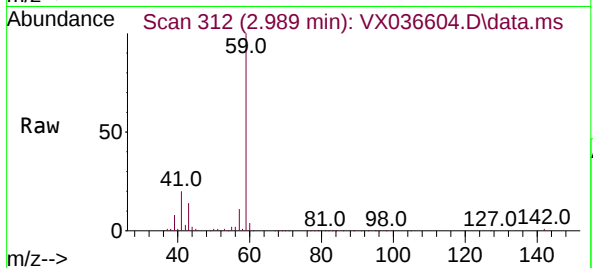
Tgt Ion:142 Resp: 239383
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 589.835 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

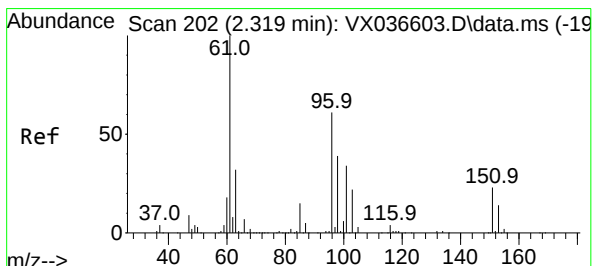
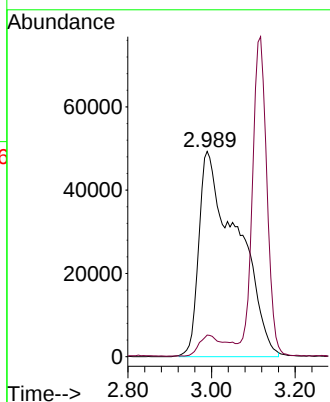
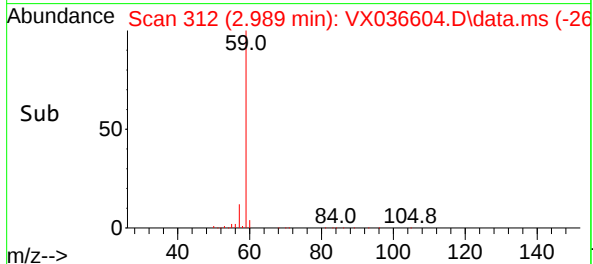
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



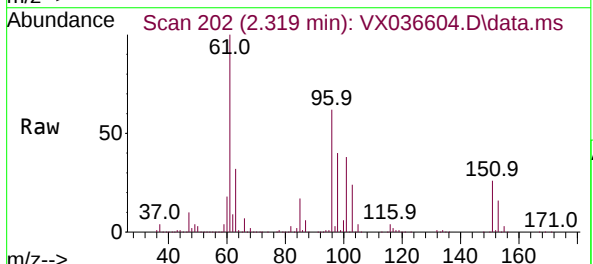
Tgt Ion: 59 Resp: 314754
Ion Ratio Lower Upper
59 100
57 7.1 6.0 9.0

Manual Integrations
APPROVED

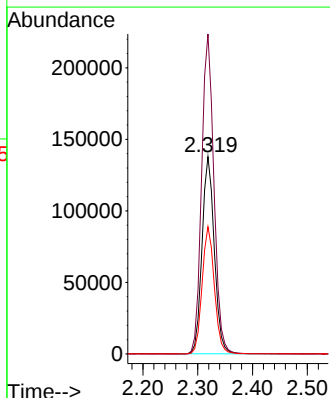
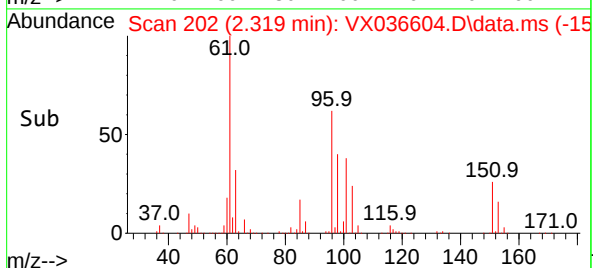
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

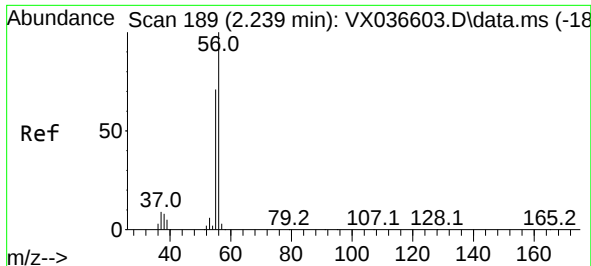


#12
1,1-Dichloroethene
Concen: 99.061 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



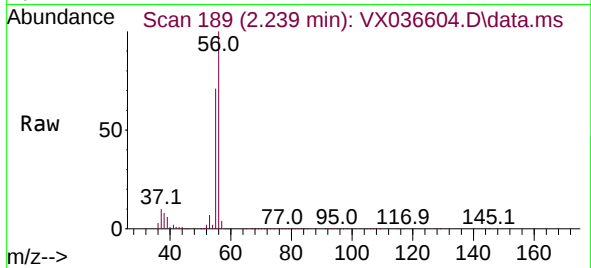
Tgt Ion: 96 Resp: 214141
Ion Ratio Lower Upper
96 100
61 162.4 144.6 216.8
98 64.5 50.4 75.6





#13
Acrolein
Concen: 293.490 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

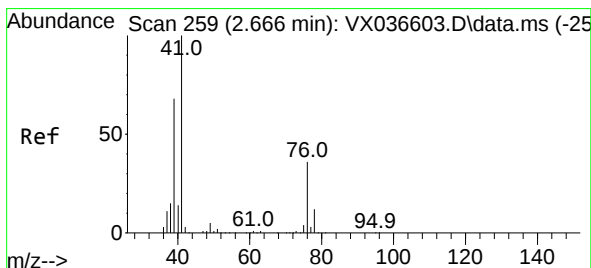
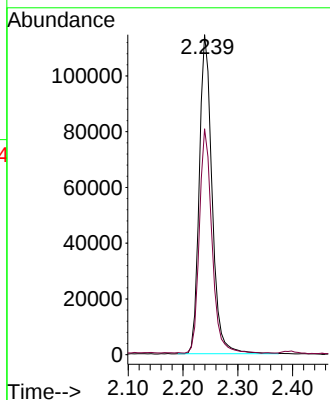
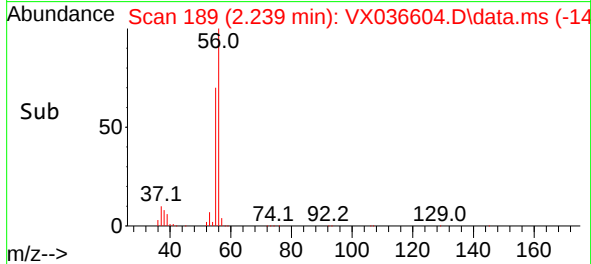
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 185334
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

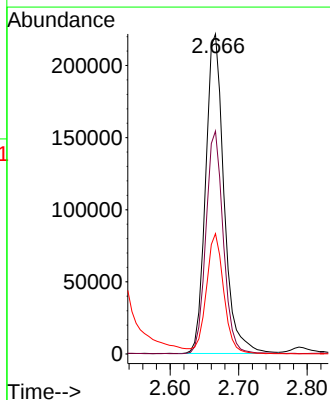
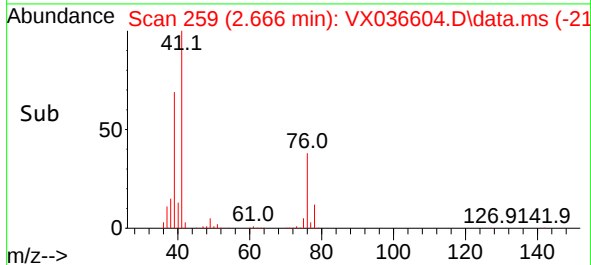
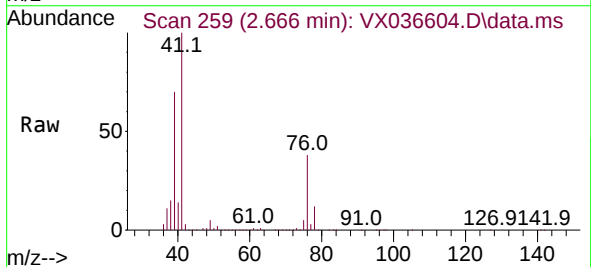
Manual Integrations
APPROVED

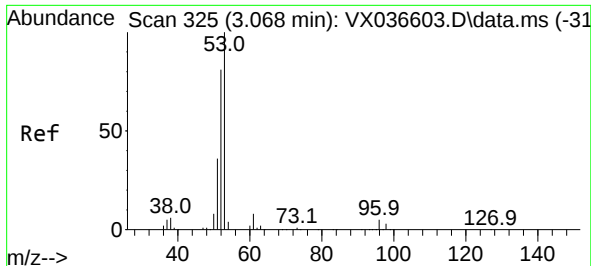
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 114.204 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

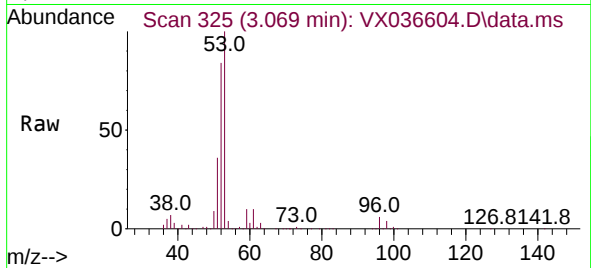
Tgt Ion: 41 Resp: 414143
Ion Ratio Lower Upper
41 100
39 65.6 55.8 83.6
76 35.8 24.3 36.5





#15
Acrylonitrile
Concen: 500.879 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

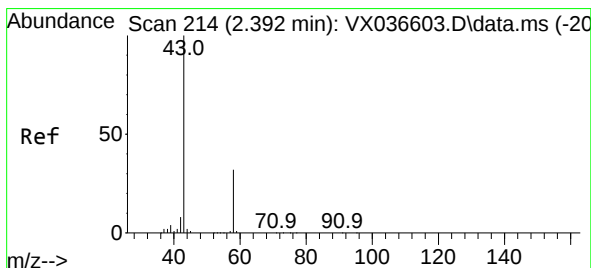
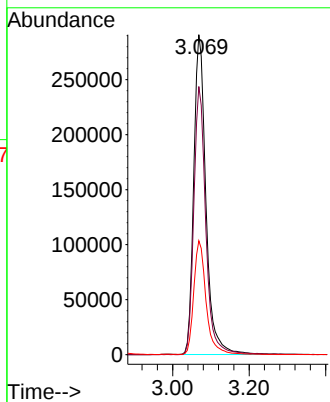
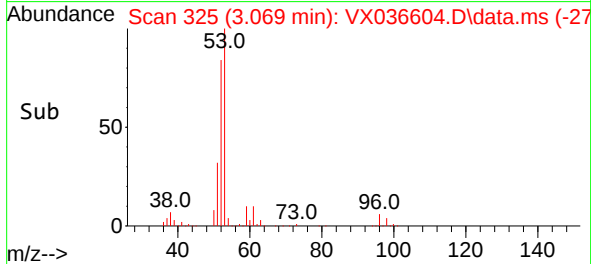
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 641644
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.2 29.8 44.6

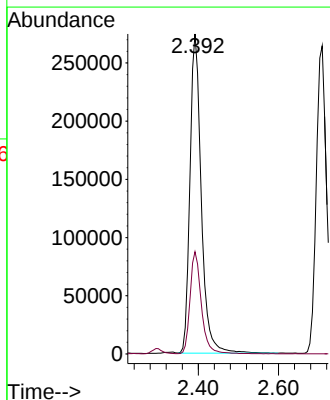
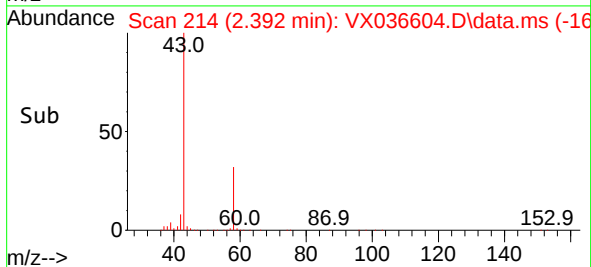
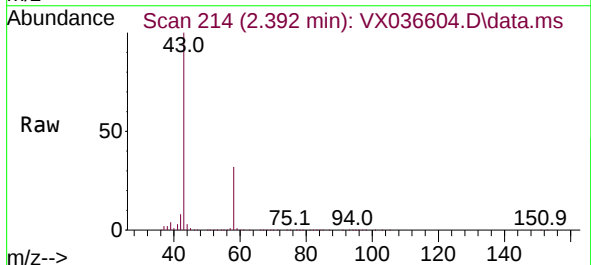
Manual Integrations
APPROVED

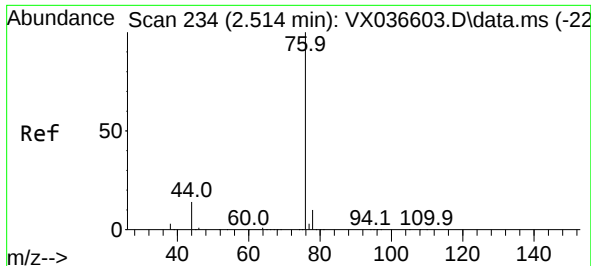
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 454.287 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 43 Resp: 536081
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17

Carbon Disulfide

Concen: 105.288 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 571659

Ion Ratio Lower Upper

76 100

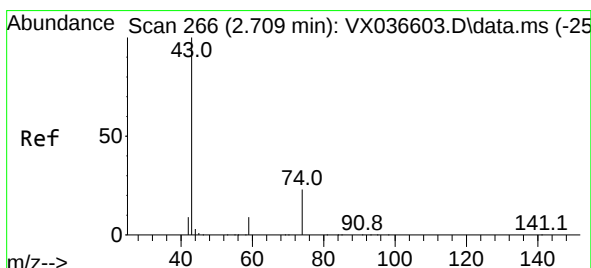
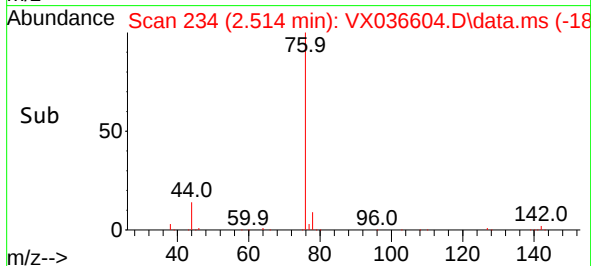
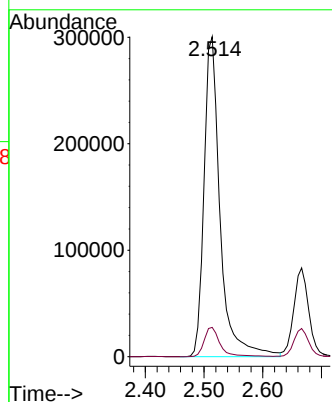
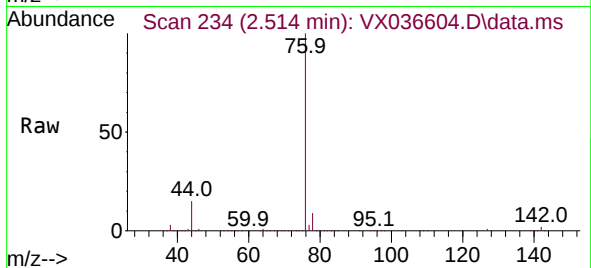
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#18

Methyl Acetate

Concen: 98.109 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036604.D

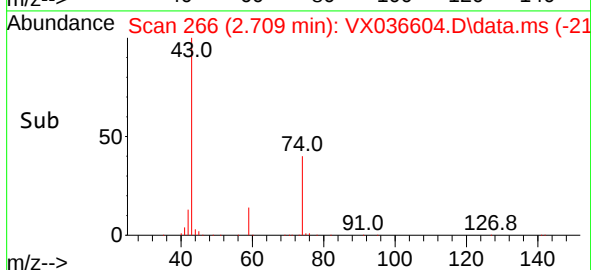
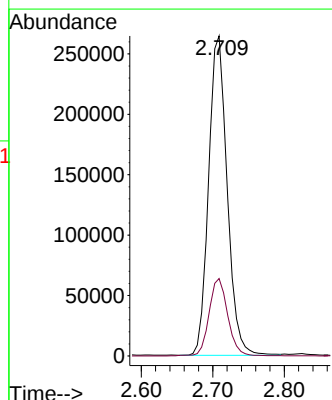
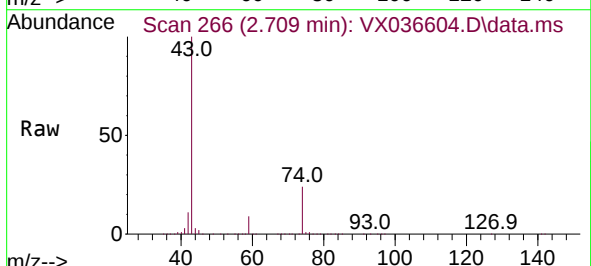
Acq: 21 Jul 2023 11:20

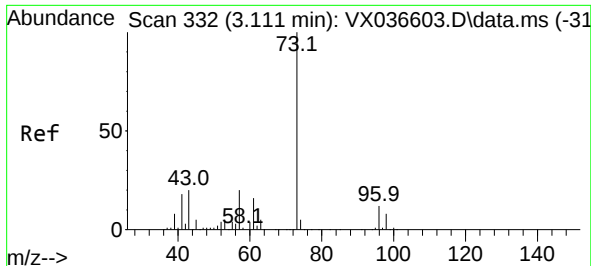
Tgt Ion: 43 Resp: 476118

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.8





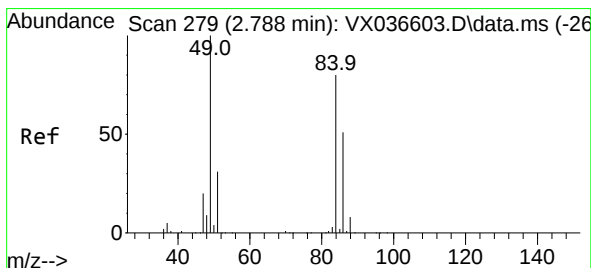
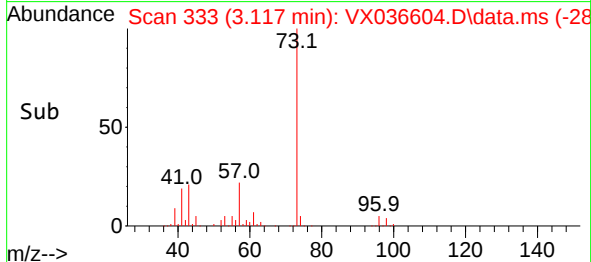
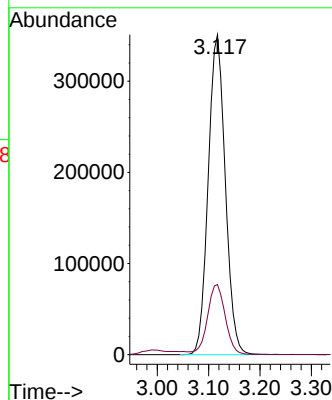
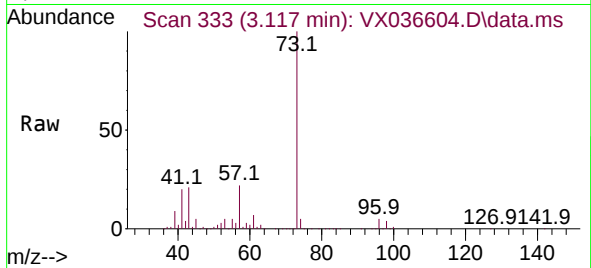
#19
Methyl tert-butyl Ether
Concen: 112.712 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 80862
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

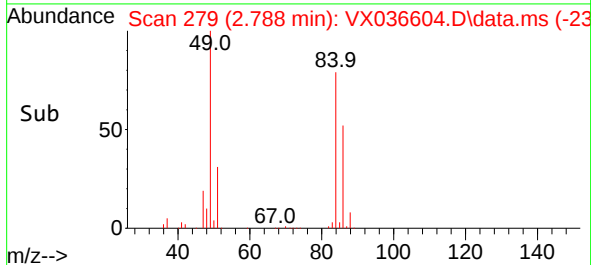
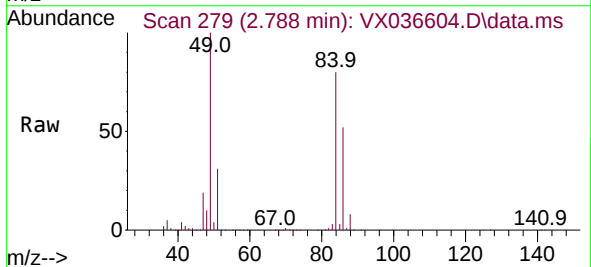
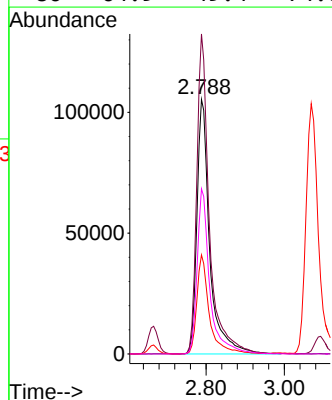
Manual Integrations
APPROVED

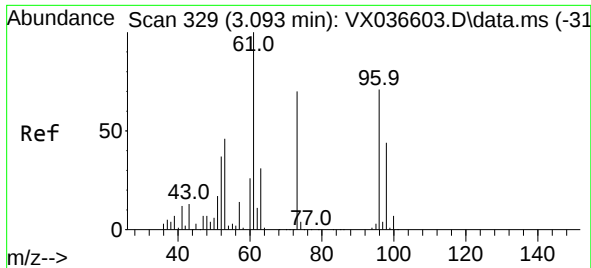
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 95.254 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

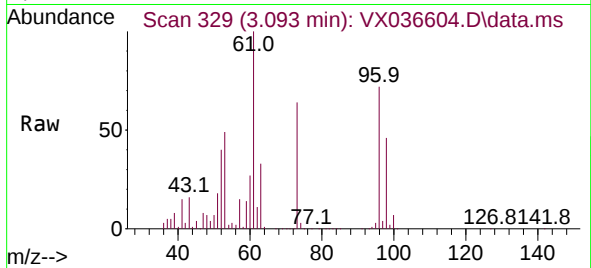
Tgt Ion: 84 Resp: 241092
Ion Ratio Lower Upper
84 100
49 125.7 103.6 155.4
51 38.9 33.8 50.6
86 64.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 100.694 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

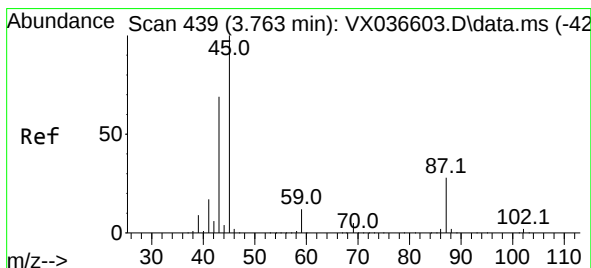
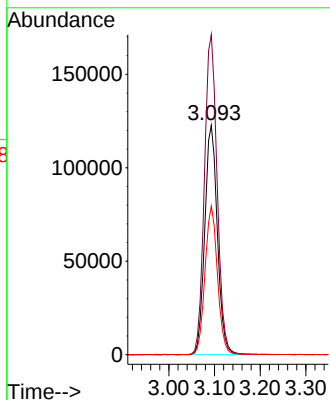
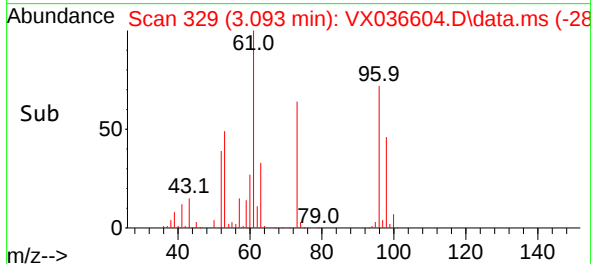
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 23485
Ion Ratio Lower Upper
96 100
61 139.4 119.2 178.8
98 64.8 48.7 73.1

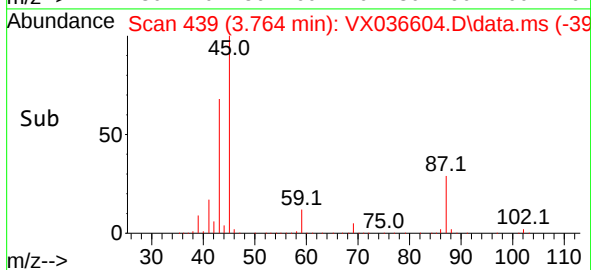
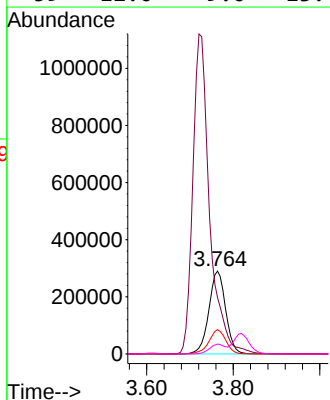
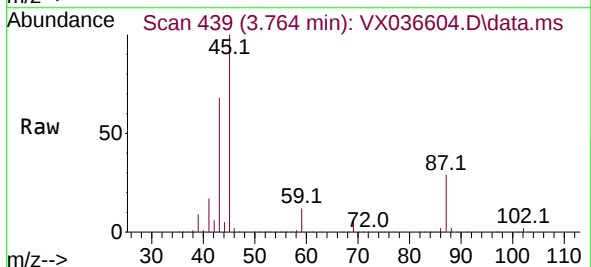
Manual Integrations
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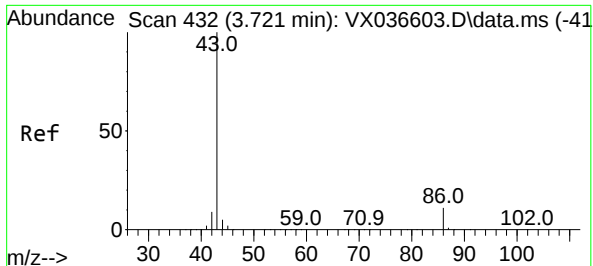
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 108.234 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 45 Resp: 780392
Ion Ratio Lower Upper
45 100
43 67.6 69.7 104.5#
87 29.3 20.8 31.2
59 12.0 9.0 13.4





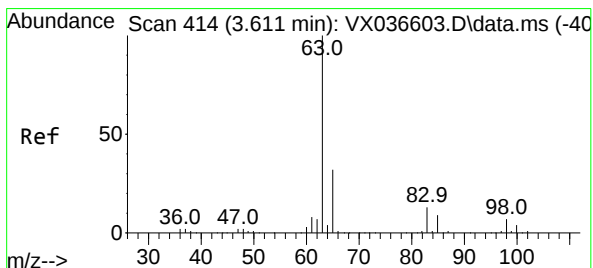
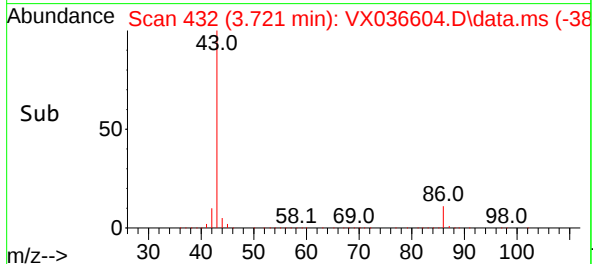
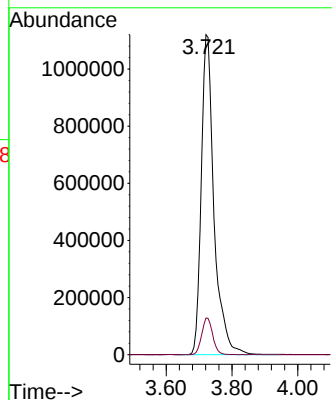
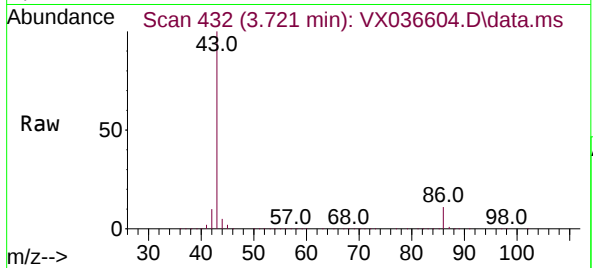
#23
 Vinyl Acetate
 Concen: 570.190 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 301505
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

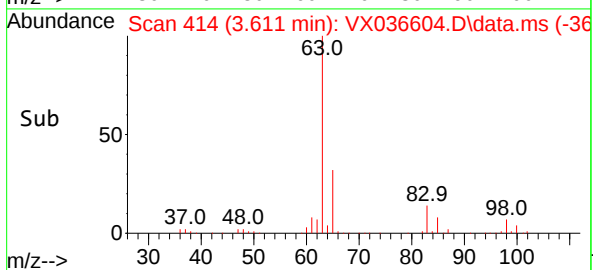
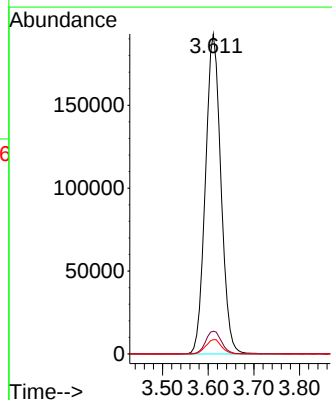
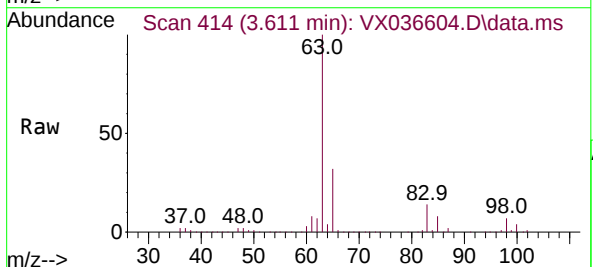
Manual Integrations
 APPROVED

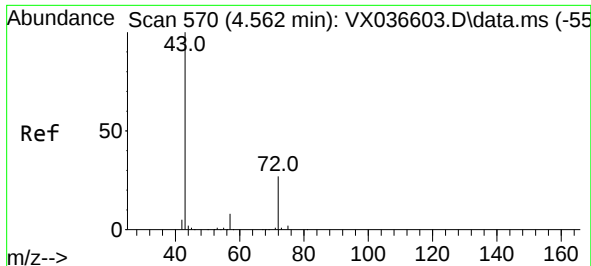
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 107.506 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20

Tgt Ion: 63 Resp: 453692
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 523.855 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 903380

Ion Ratio Lower Upper

43 100

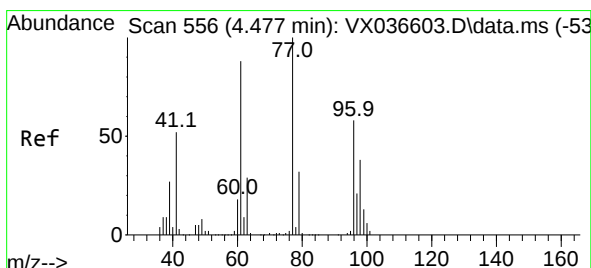
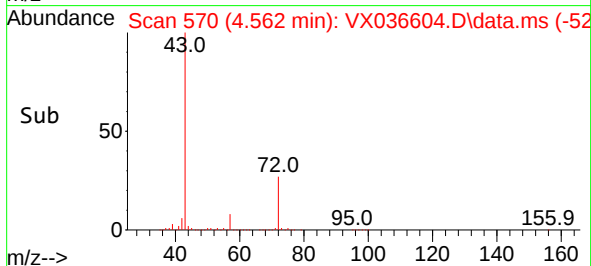
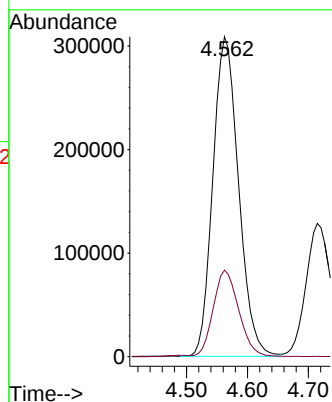
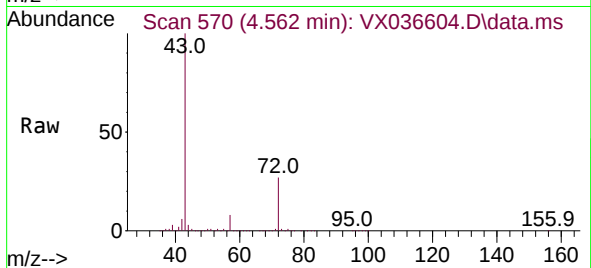
72 26.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 132.957 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX036604.D

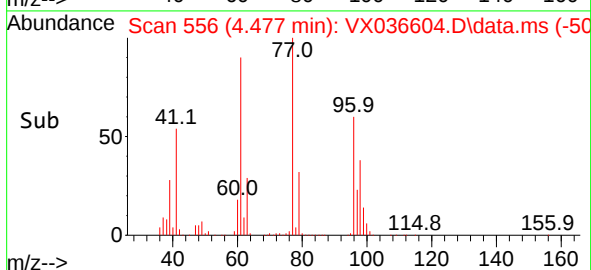
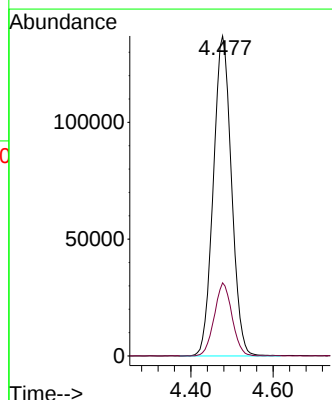
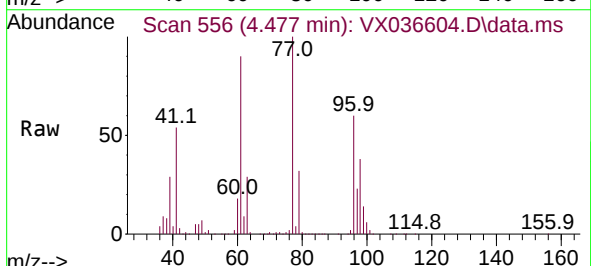
Acq: 21 Jul 2023 11:20

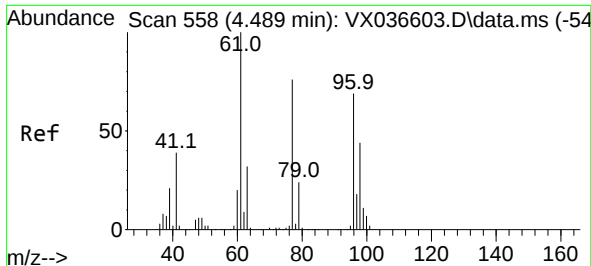
Tgt Ion: 77 Resp: 419489

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 107.055 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 281950

Ion Ratio Lower Upper

96 100

61 146.8 0.0 312.2

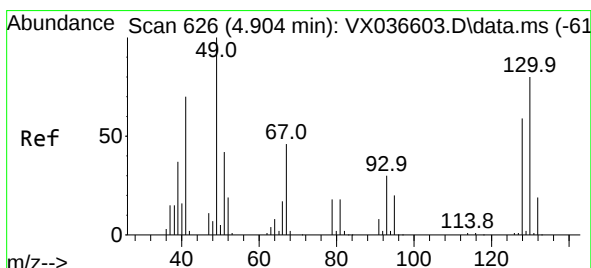
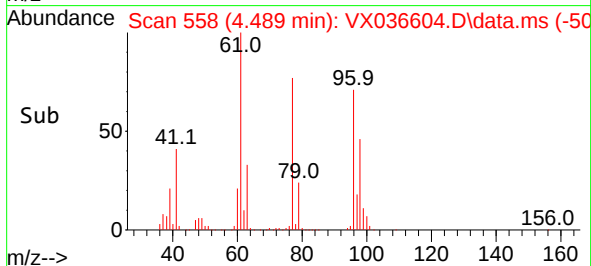
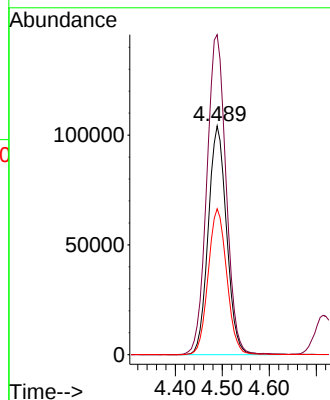
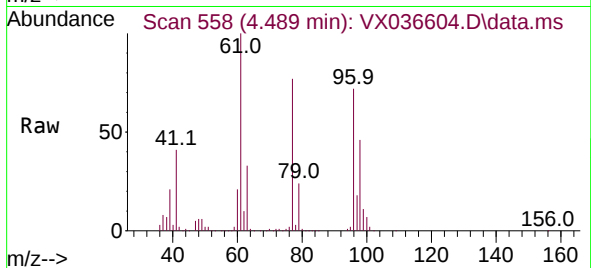
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 94.848 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

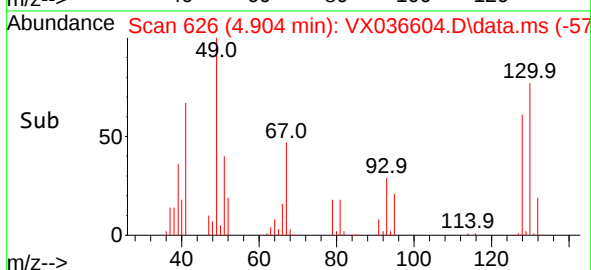
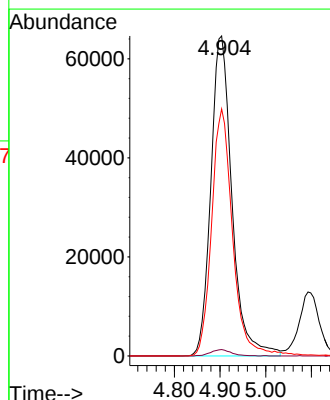
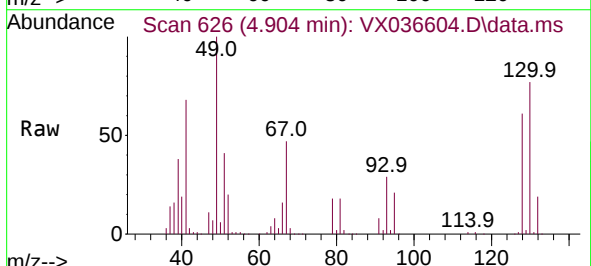
Tgt Ion: 49 Resp: 207730

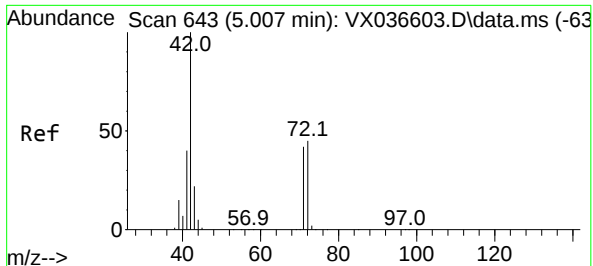
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 75.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 528.938 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 58356

Ion Ratio Lower Upper

42 100

72 46.3 34.2 51.4

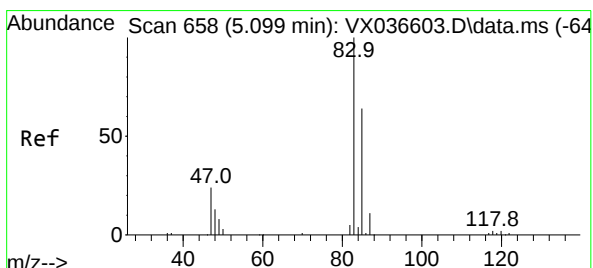
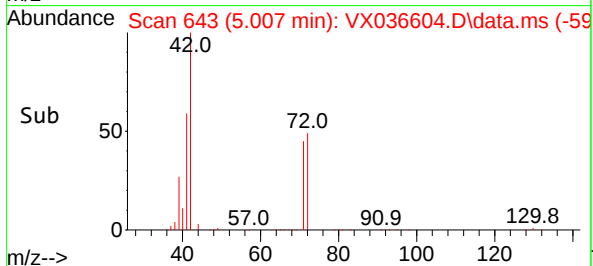
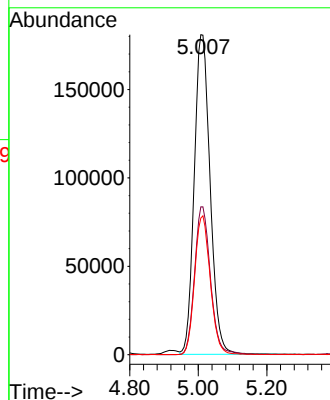
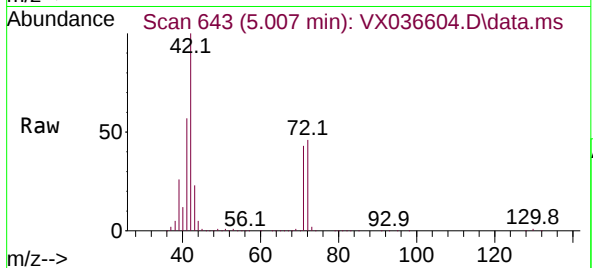
71 42.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 108.292 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX036604.D

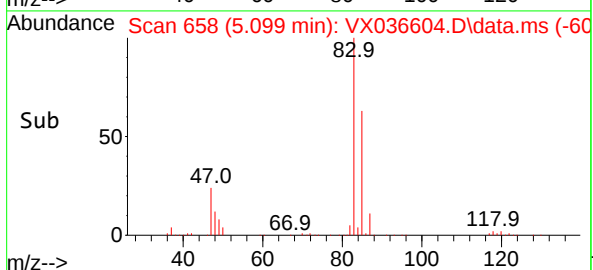
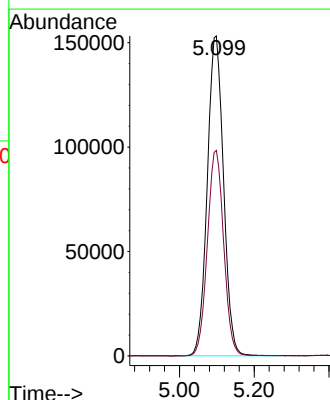
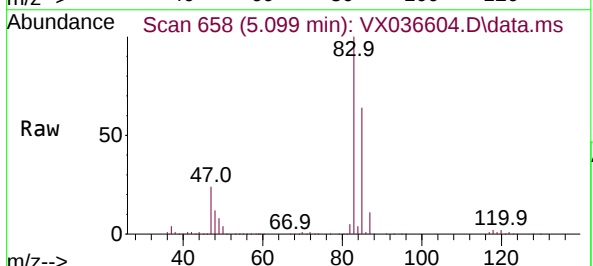
Acq: 21 Jul 2023 11:20

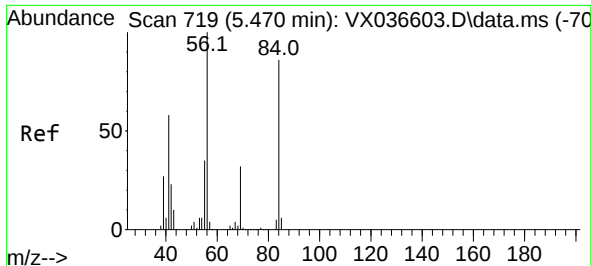
Tgt Ion: 83 Resp: 461337

Ion Ratio Lower Upper

83 100

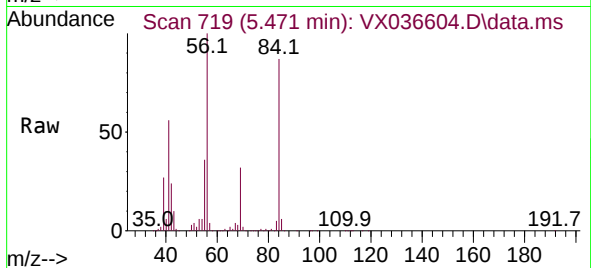
85 64.3 50.3 75.5





#31
Cyclohexane
Concen: 108.489 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

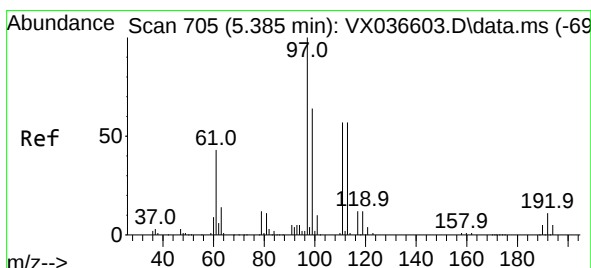
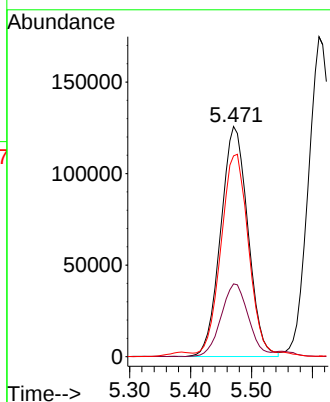
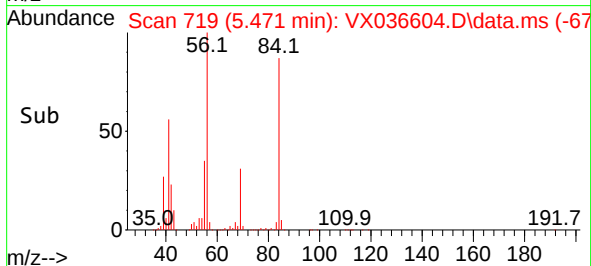
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



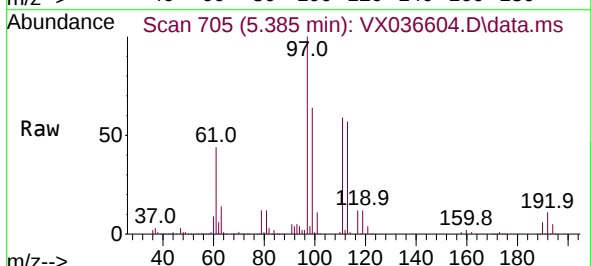
Tgt Ion: 56 Resp: 389870
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 85.4 65.9 98.9

Manual Integrations
APPROVED

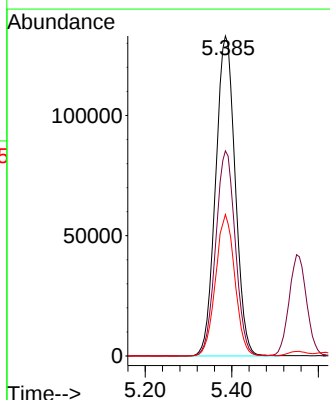
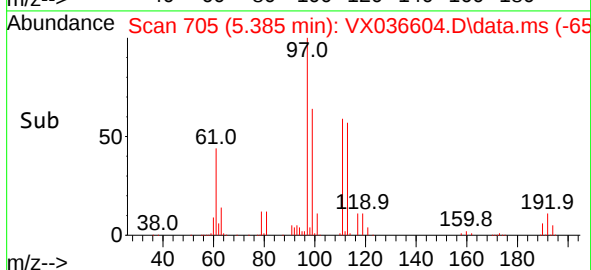
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

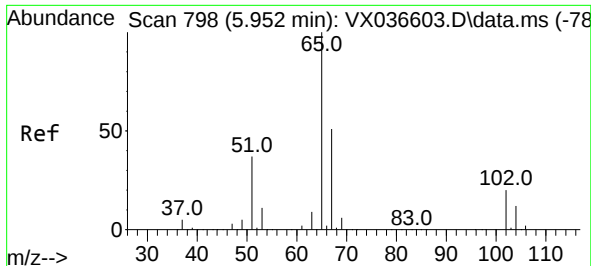


#32
1,1,1-Trichloroethane
Concen: 115.580 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion: 97 Resp: 417451
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 43.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 100.263 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 276389

Ion Ratio Lower Upper

65 100

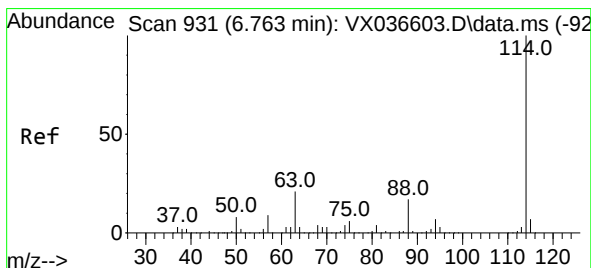
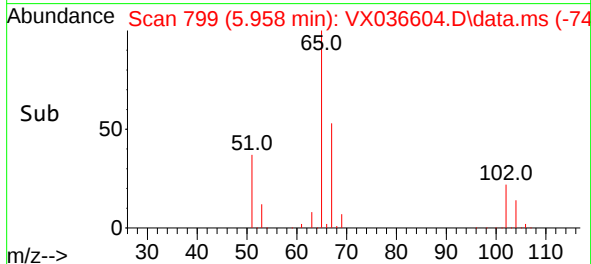
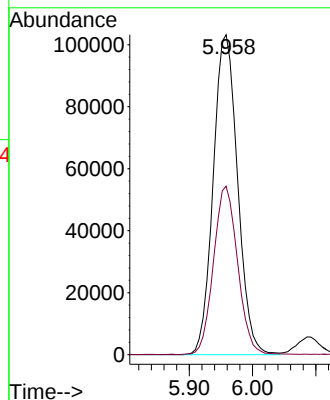
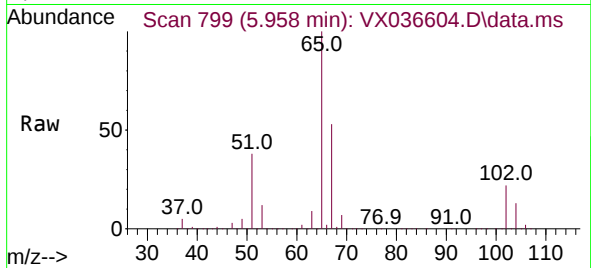
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

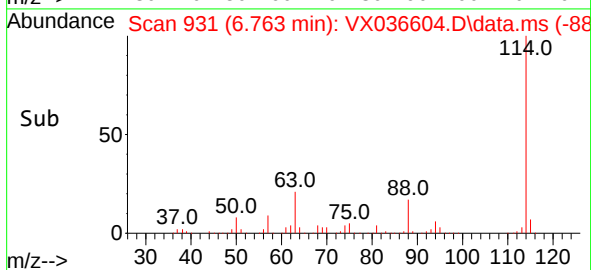
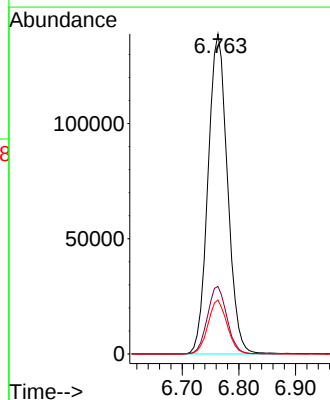
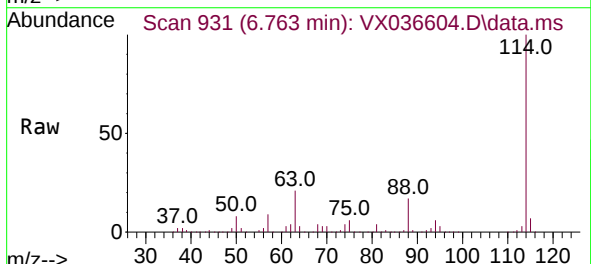
Tgt Ion:114 Resp: 331288

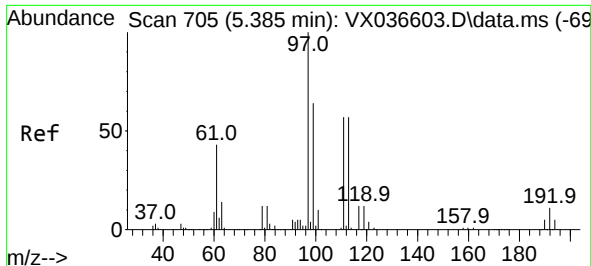
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

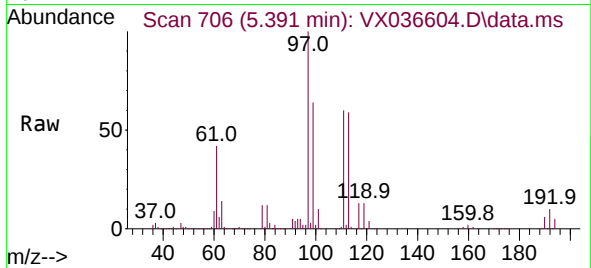
88 16.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 102.008 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

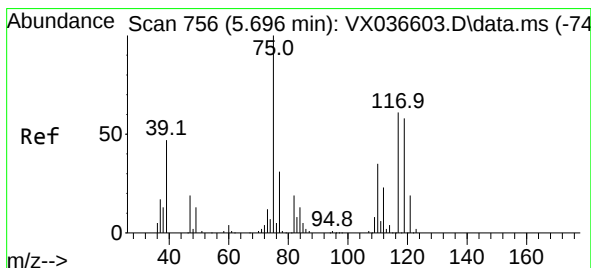
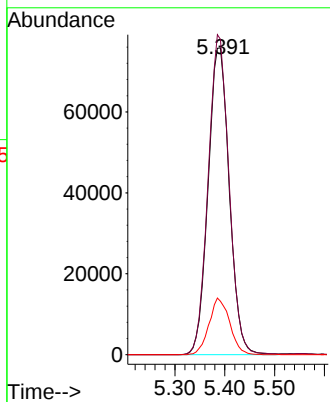
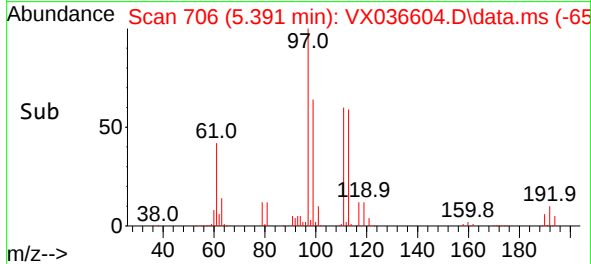
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 224252
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.0 13.3 19.9

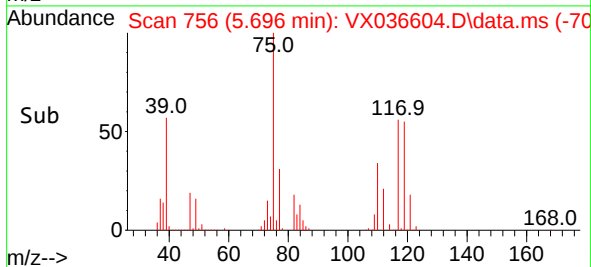
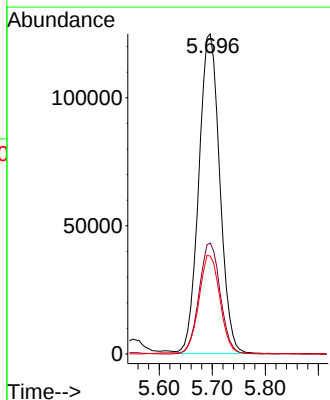
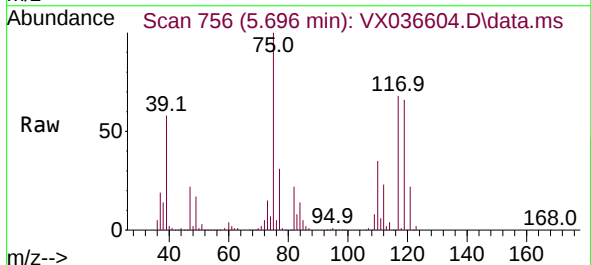
Manual Integrations
APPROVED

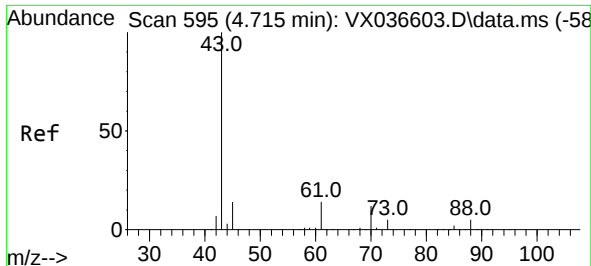
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 104.340 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 75 Resp: 342832
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 31.0 24.7 37.1





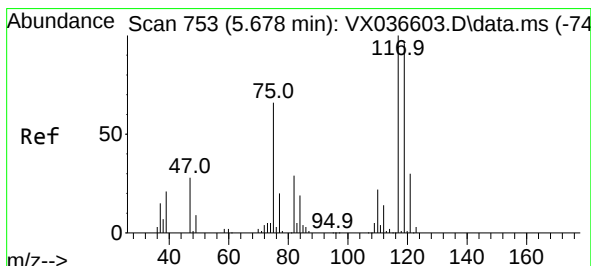
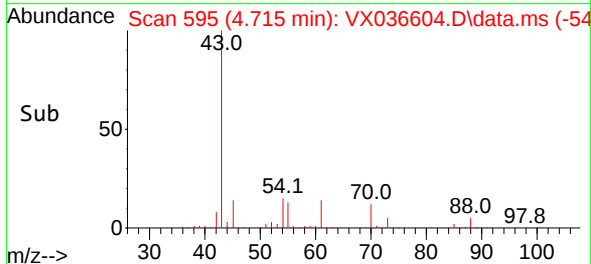
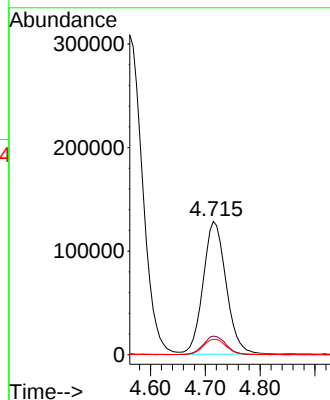
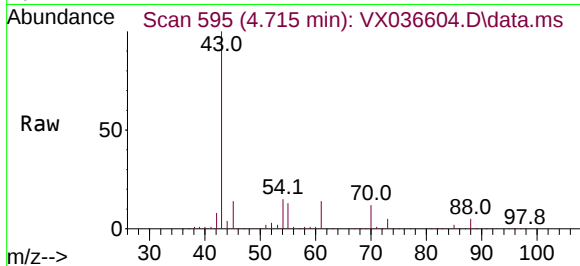
#37
Ethyl Acetate
Concen: 109.007 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 37269
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 11.6 8.3 12.5

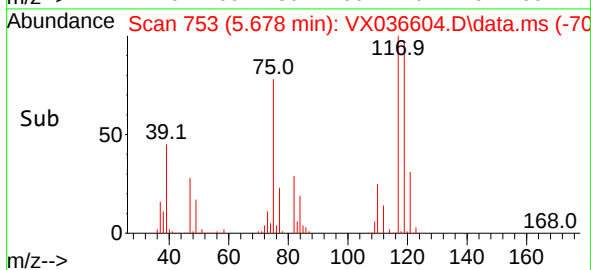
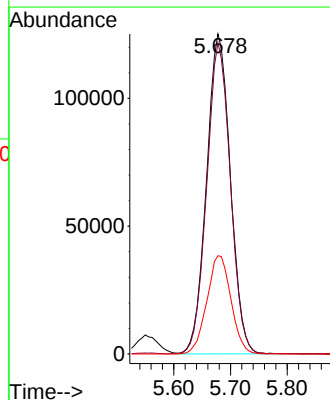
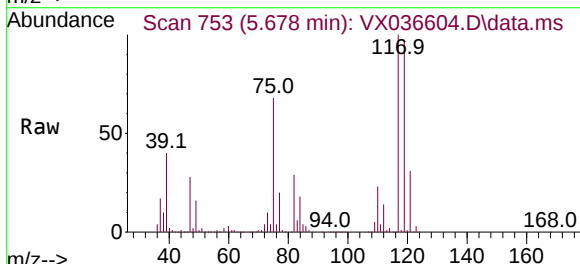
Manual Integrations
APPROVED

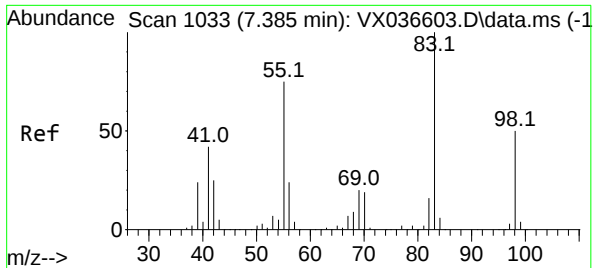
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 119.067 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion:117 Resp: 365592
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 106.730 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

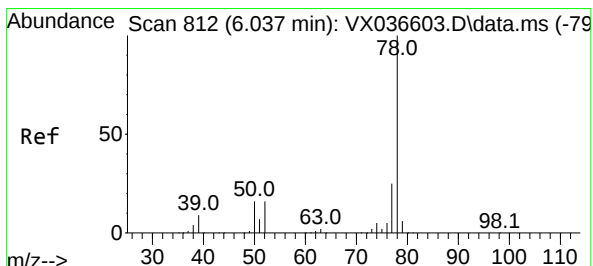
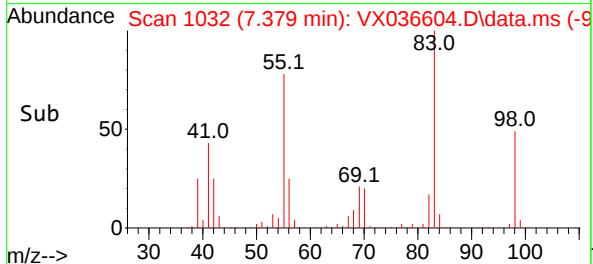
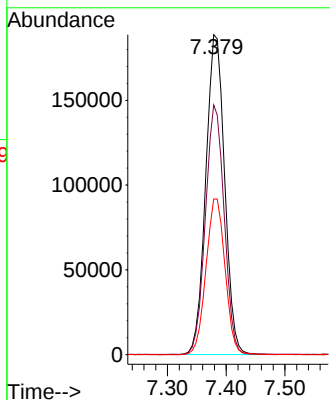
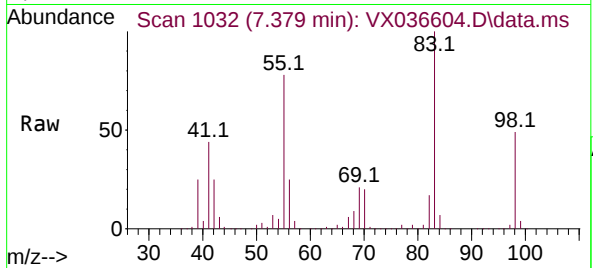
VSTDIC100

Tgt Ion: 83 Resp: 420839
Ion Ratio Lower Upper
83 100
55 78.0 64.6 97.0
98 48.7 36.7 55.1

Manual Integrations

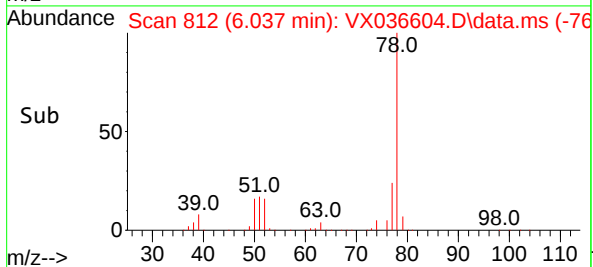
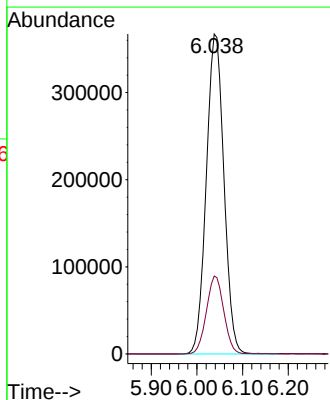
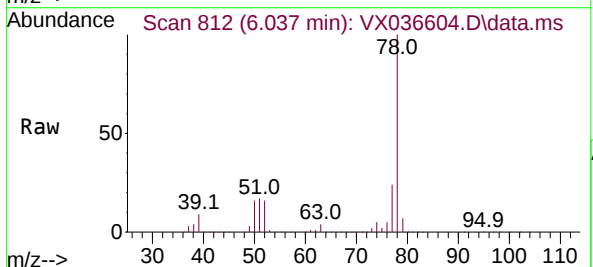
APPROVED

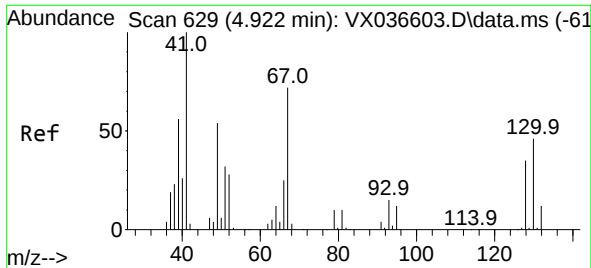
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 106.410 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 78 Resp: 982894
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





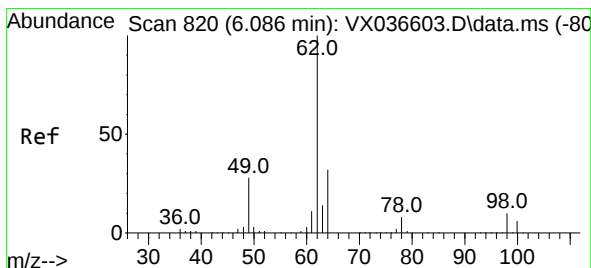
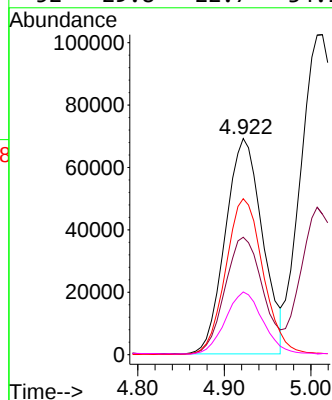
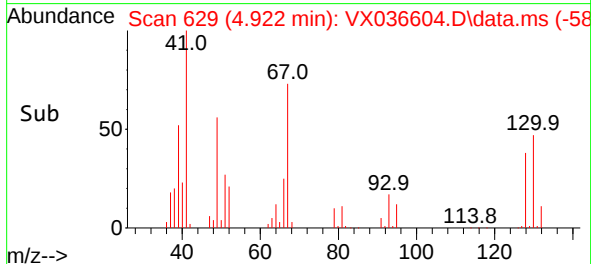
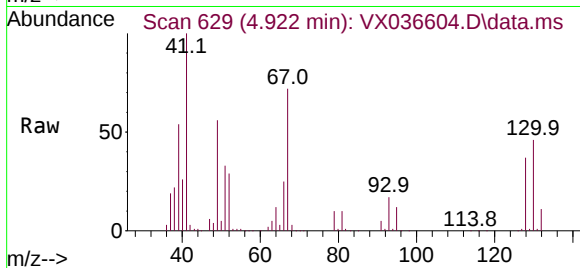
#41
Methacrylonitrile
Concen: 109.297 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 20588
Ion Ratio Lower Upper
41 100
39 55.3 45.2 67.8
67 72.9 52.6 78.8
52 29.8 22.7 34.1

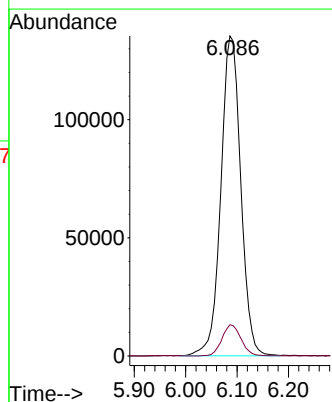
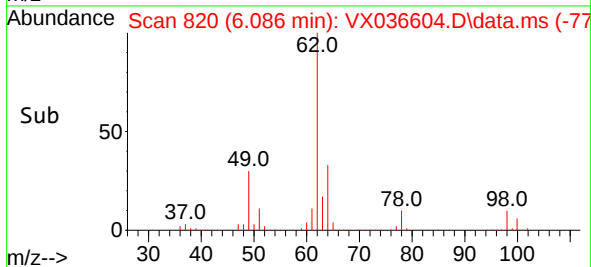
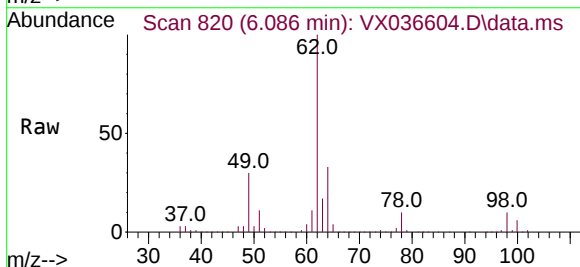
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 104.215 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 62 Resp: 363754
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 116.676 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 642440

Ion Ratio Lower Upper

43 100

61 20.7 15.2 22.8

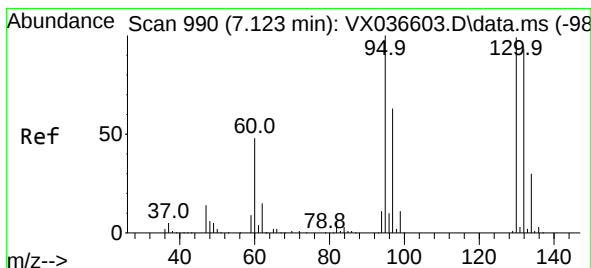
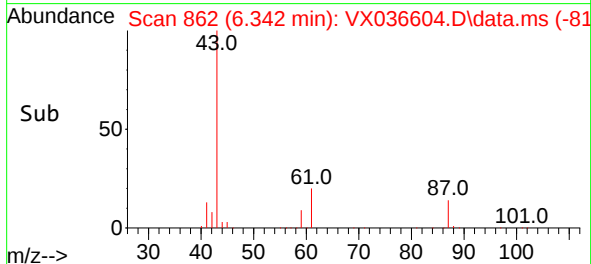
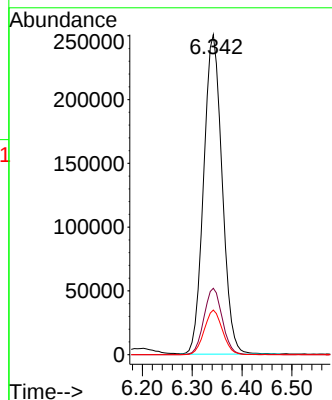
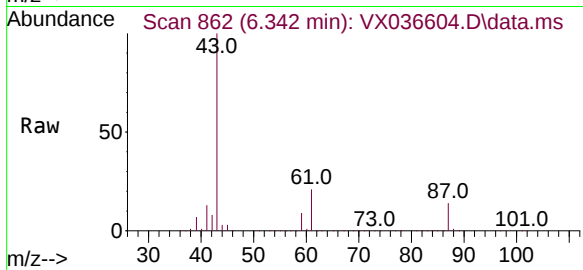
87 13.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#44

Trichloroethene

Concen: 101.608 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036604.D

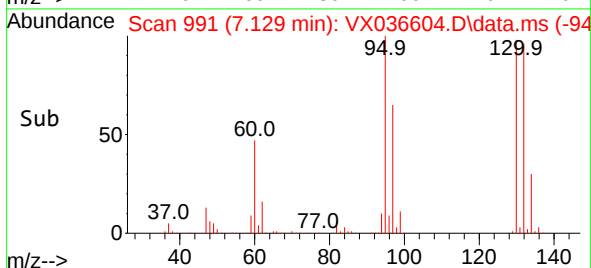
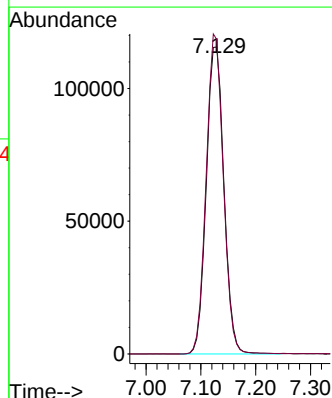
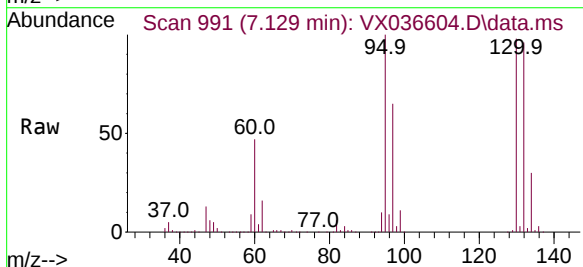
Acq: 21 Jul 2023 11:20

Tgt Ion:130 Resp: 258775

Ion Ratio Lower Upper

130 100

95 102.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 105.223 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 263320

Ion Ratio Lower Upper

63 100

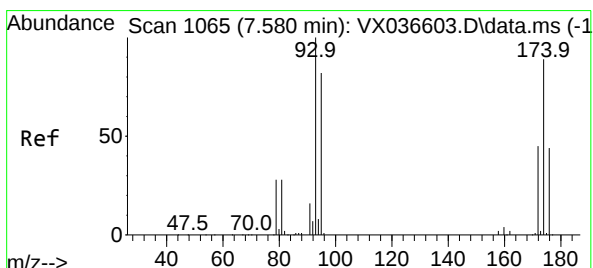
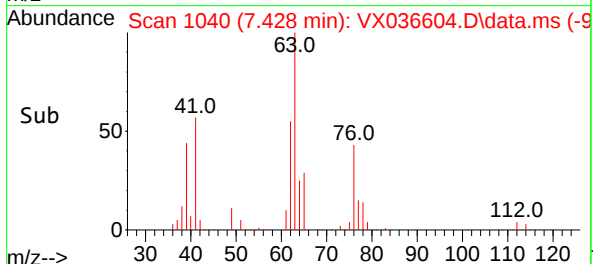
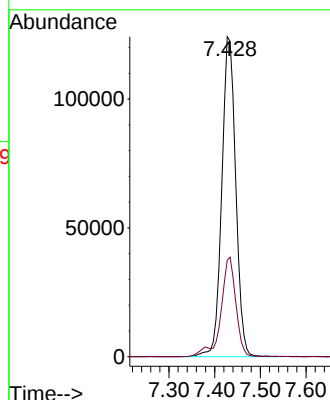
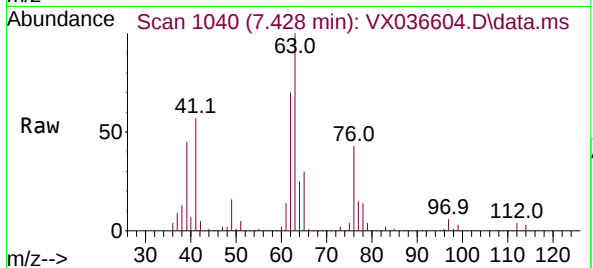
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 104.088 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

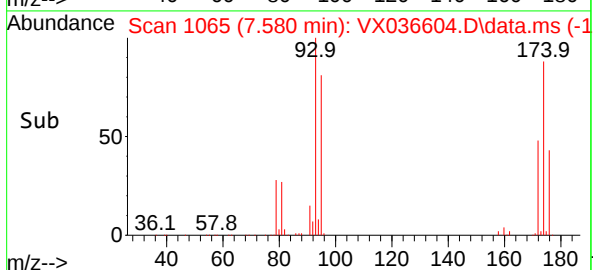
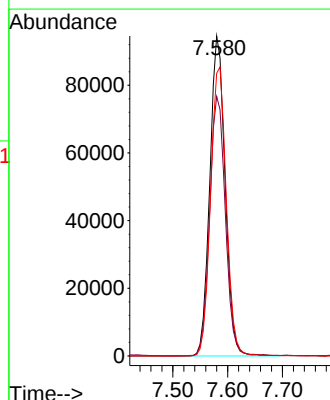
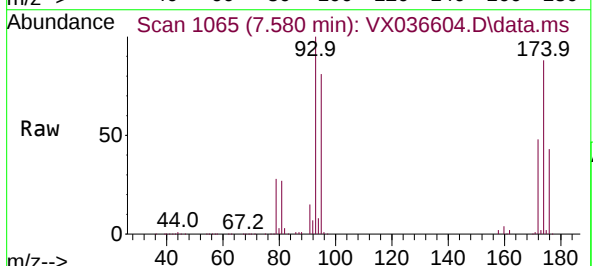
Tgt Ion: 93 Resp: 183676

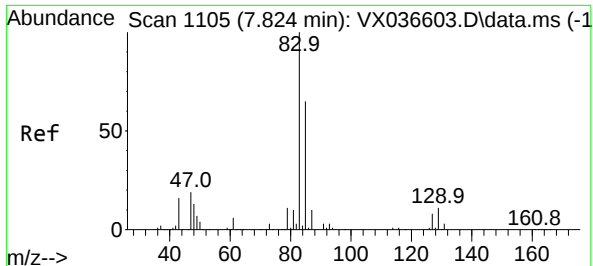
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

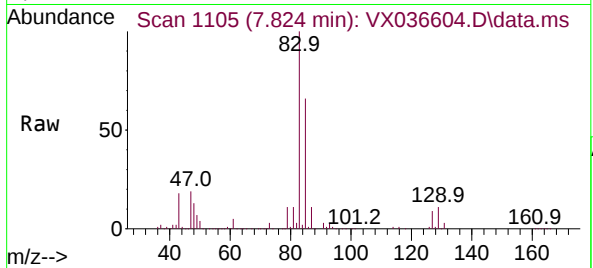
174 92.6 69.4 104.0





#47
Bromodichloromethane
Concen: 116.787 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

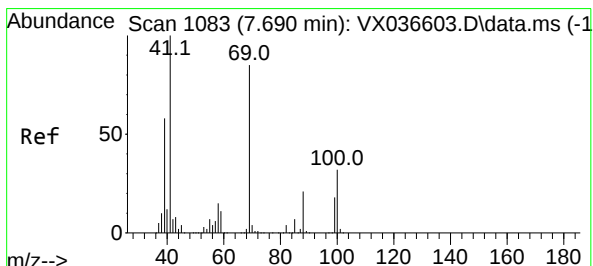
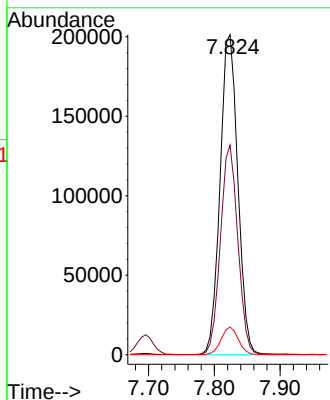
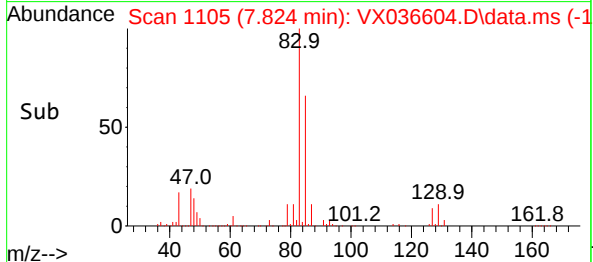
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 378854
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 8.6 7.1 10.7

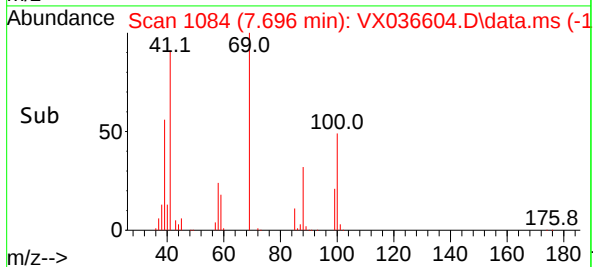
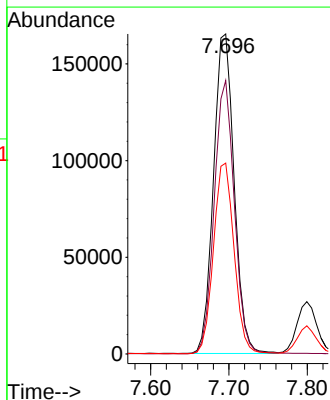
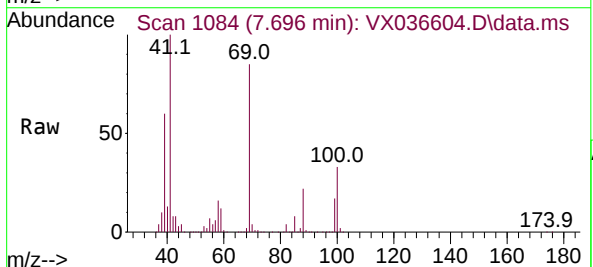
Manual Integrations
APPROVED

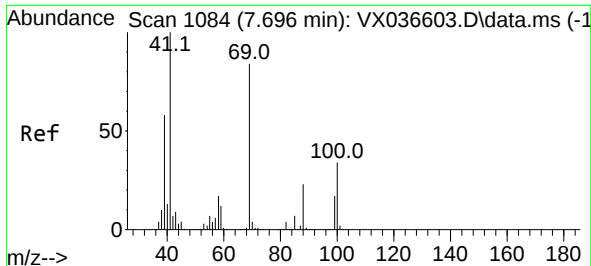
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 111.380 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 41 Resp: 302843
Ion Ratio Lower Upper
41 100
69 83.9 59.2 88.8
39 59.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1963.495 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 116239

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0

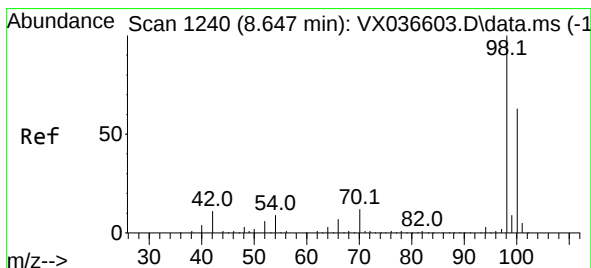
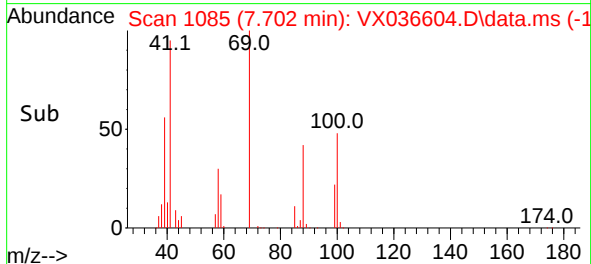
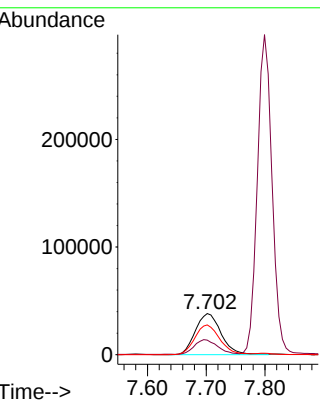
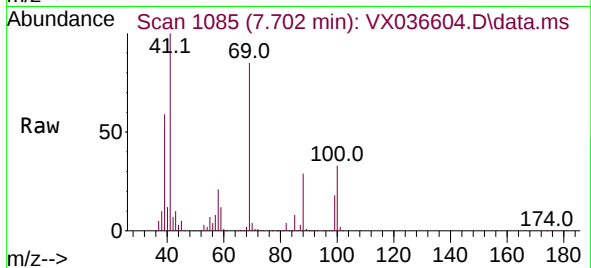
58 70.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 97.629 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX036604.D

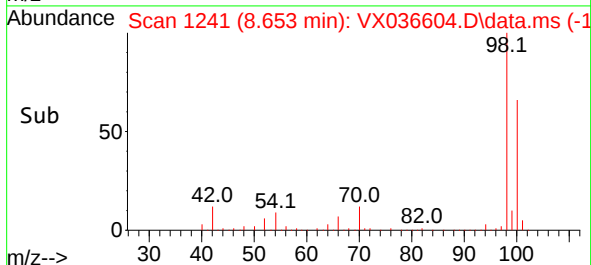
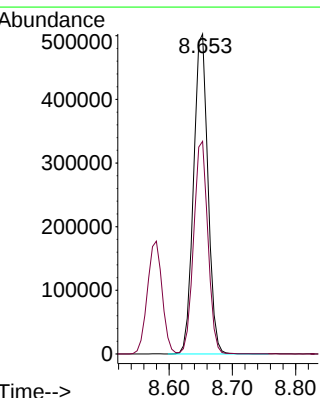
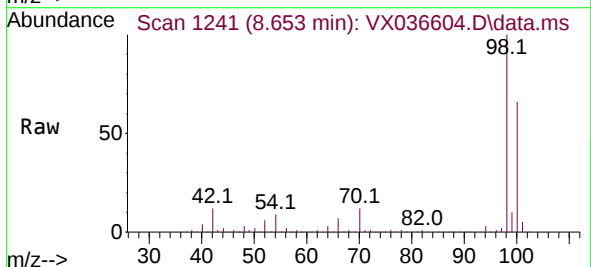
Acq: 21 Jul 2023 11:20

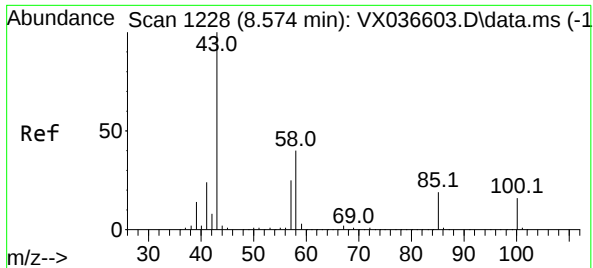
Tgt Ion: 98 Resp: 794066

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7





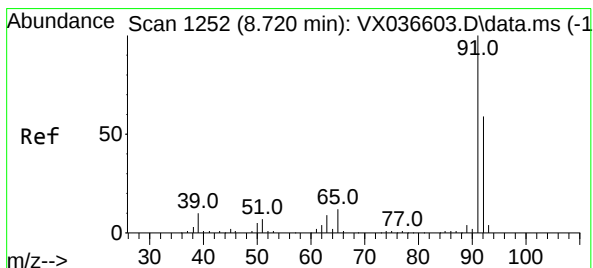
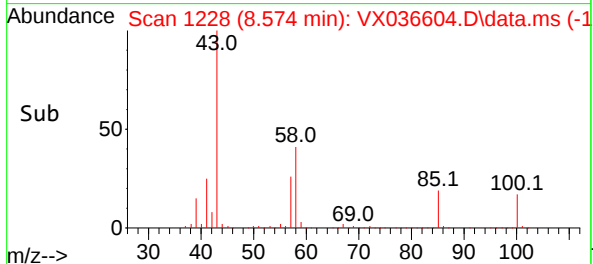
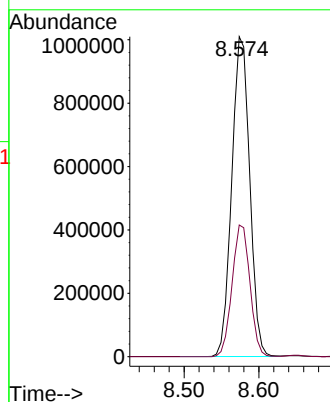
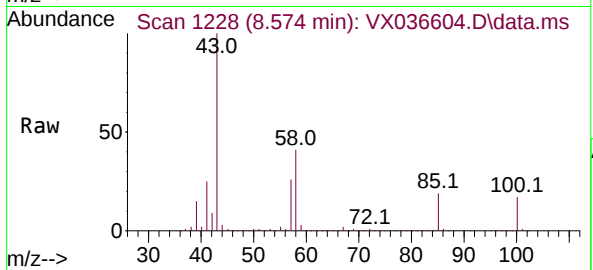
#51
4-Methyl-2-Pentanone
Concen: 487.047 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 168815
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6

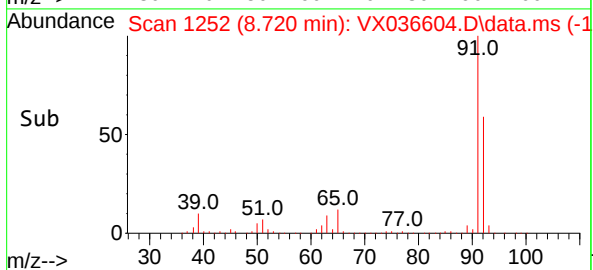
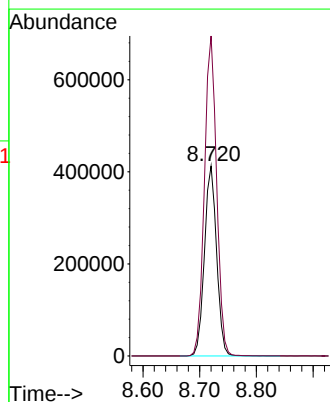
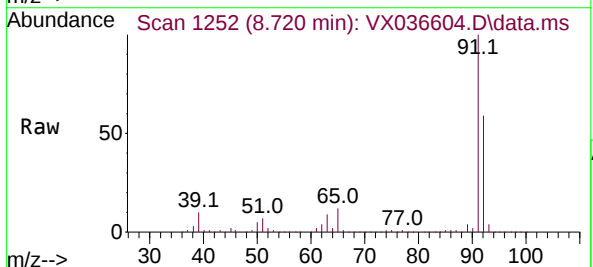
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 104.773 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion: 92 Resp: 612825
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2





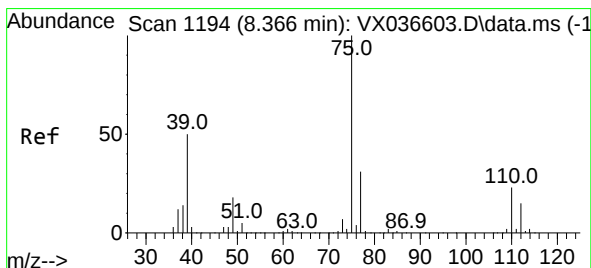
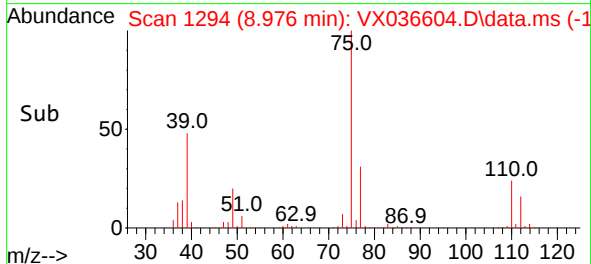
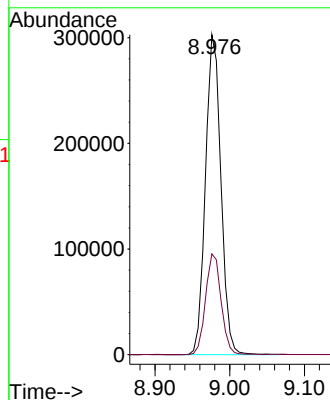
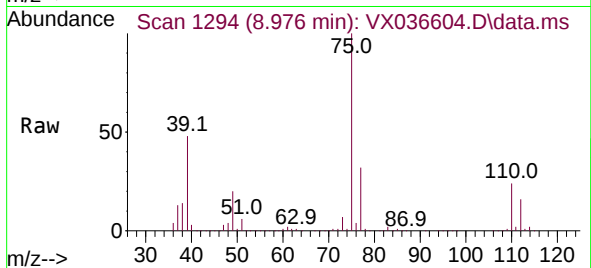
#53
 t-1,3-Dichloropropene
 Concen: 129.623 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 434997
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5

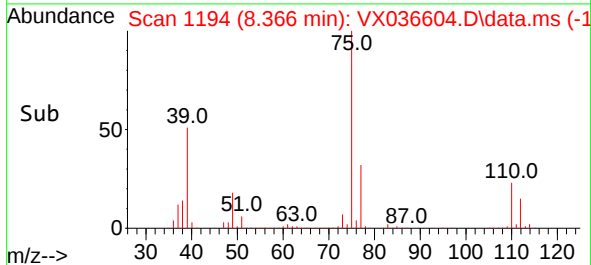
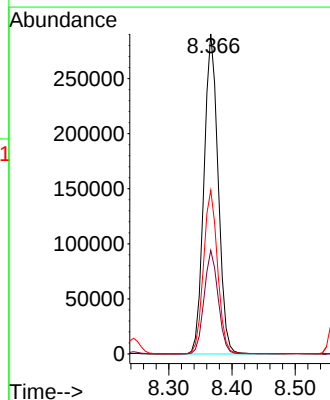
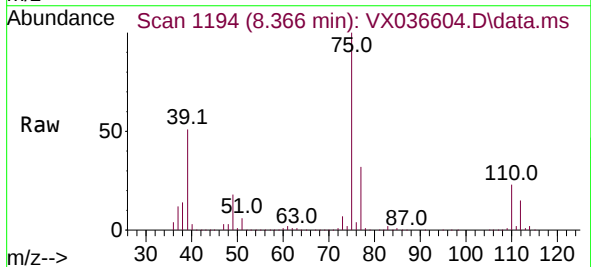
Manual Integrations
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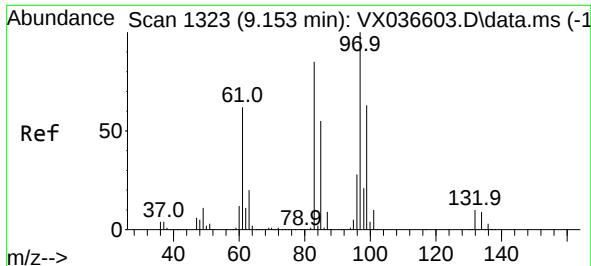
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 121.564 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20

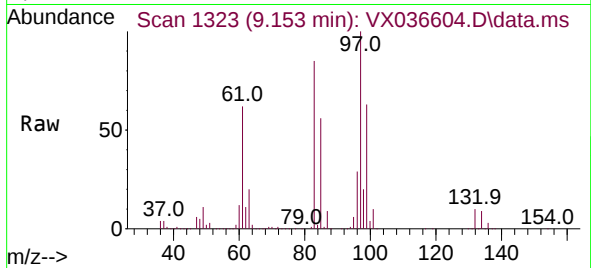
Tgt Ion: 75 Resp: 453413
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 51.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 103.878 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

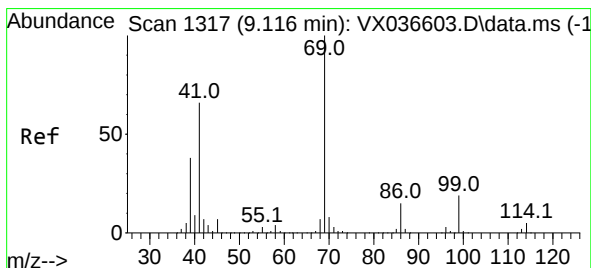
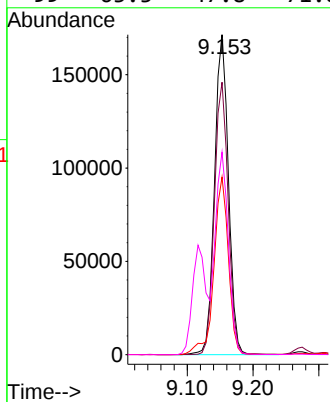
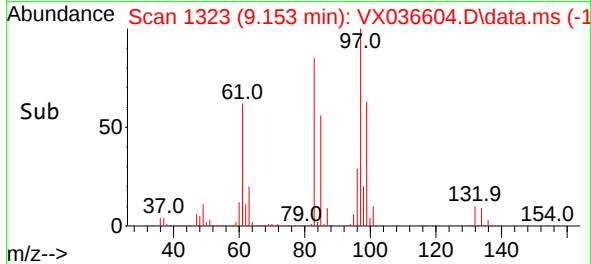
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



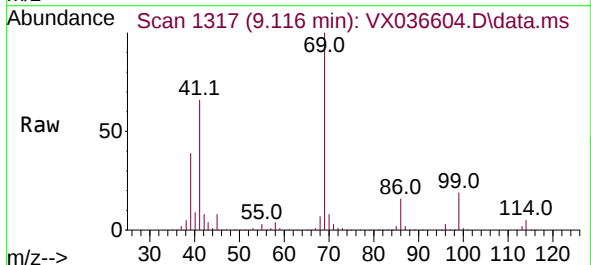
Tgt Ion: 97 Resp: 25206
Ion Ratio Lower Upper
97 100
83 85.1 65.8 98.8
85 55.5 41.6 62.4
99 63.3 47.8 71.8

Manual Integrations
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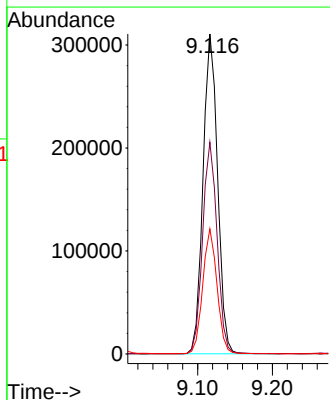
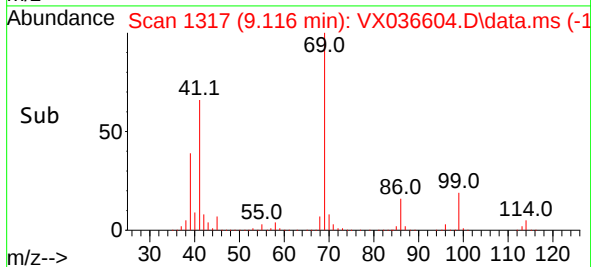
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

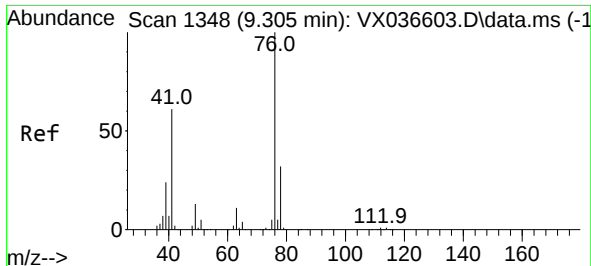


#56
Ethyl methacrylate
Concen: 113.400 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion: 69 Resp: 420128
Ion Ratio Lower Upper
69 100
41 65.7 56.8 85.2
39 38.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 103.881 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 43287

Ion Ratio Lower Upper

76 100

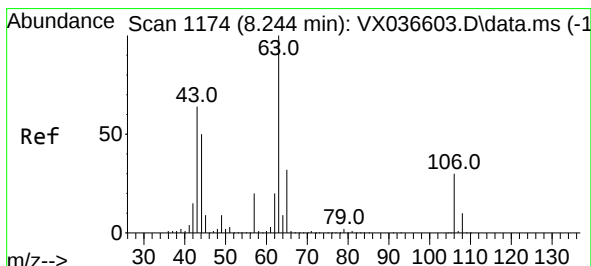
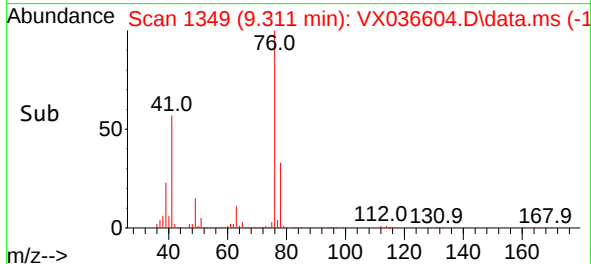
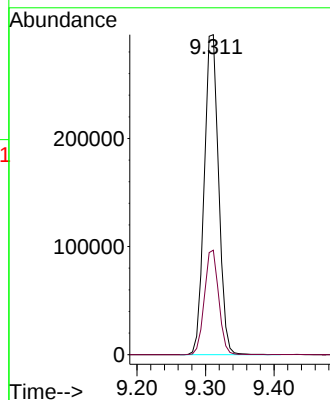
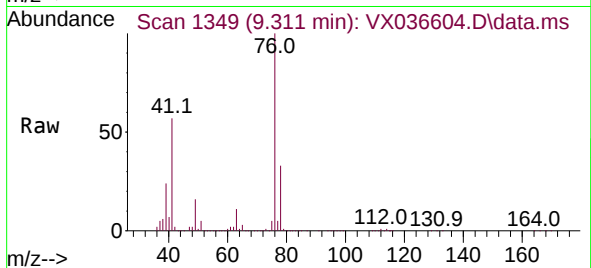
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 509.894 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036604.D

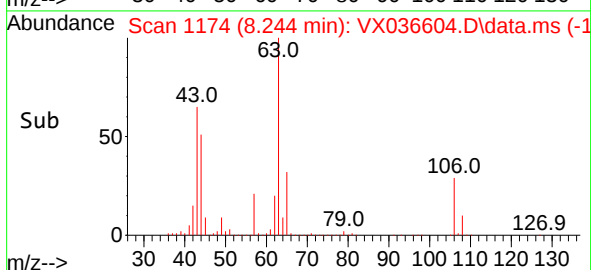
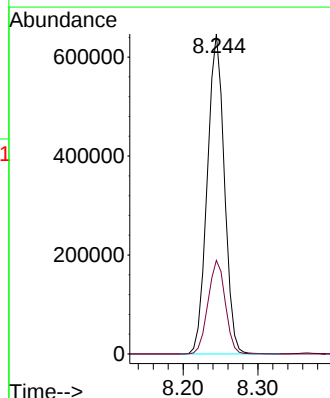
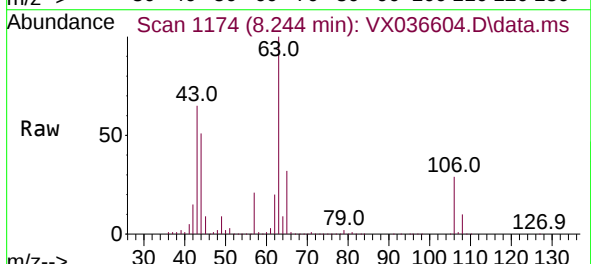
Acq: 21 Jul 2023 11:20

Tgt Ion: 63 Resp: 1024712

Ion Ratio Lower Upper

63 100

106 29.5 22.5 33.7





#59

2-Hexanone

Concen: 496.694 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 125928

Ion Ratio Lower Upper

43 100

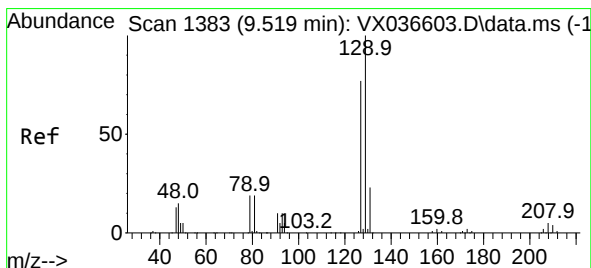
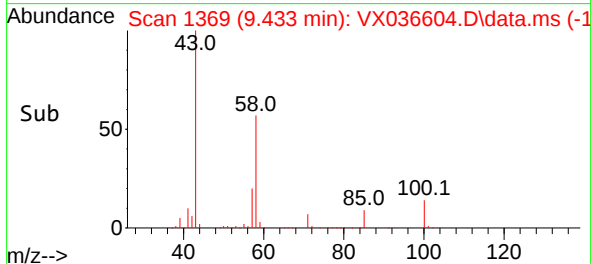
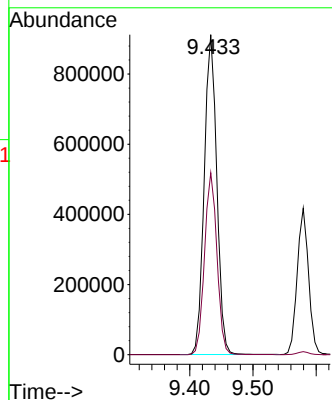
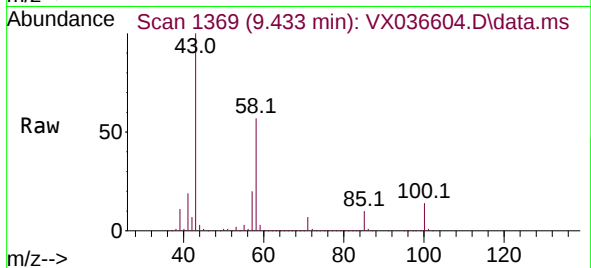
58 56.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#60

Dibromochloromethane

Concen: 117.735 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036604.D

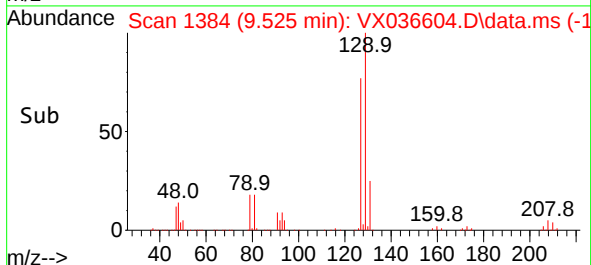
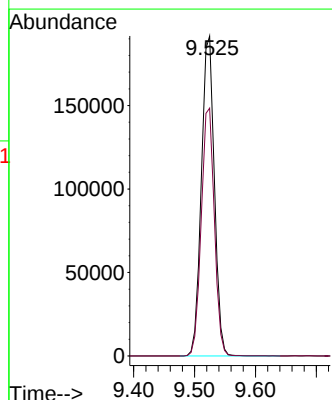
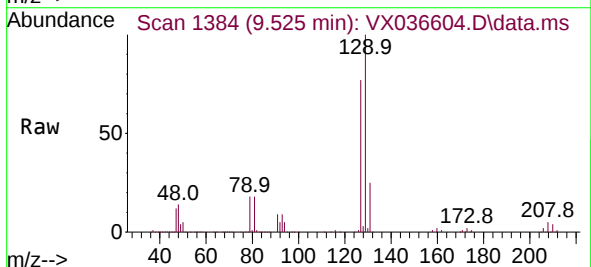
Acq: 21 Jul 2023 11:20

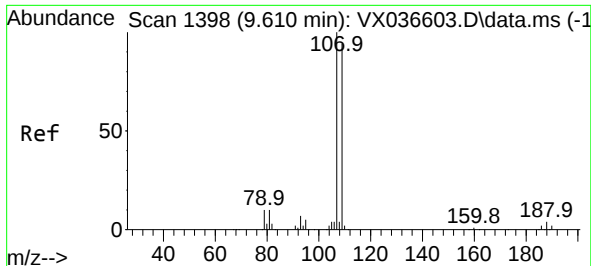
Tgt Ion:129 Resp: 284588

Ion Ratio Lower Upper

129 100

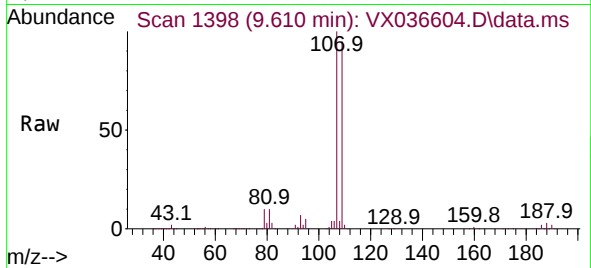
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 103.469 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

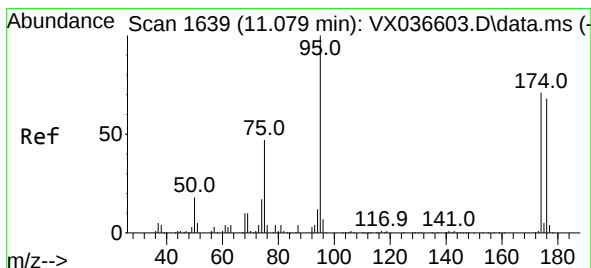
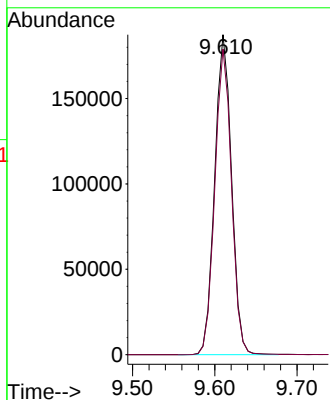
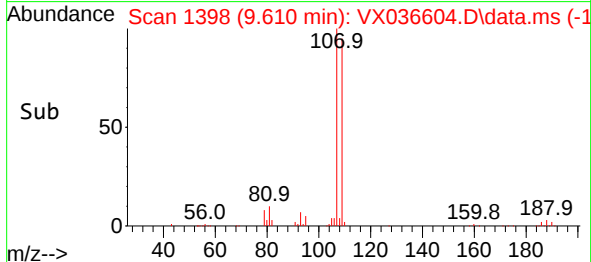
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



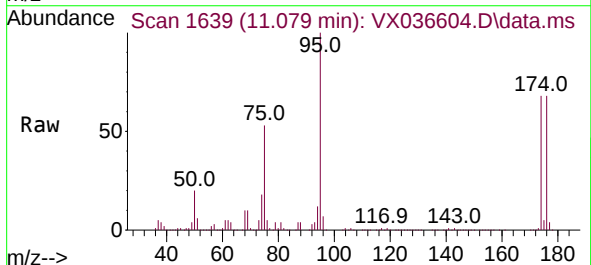
Tgt Ion:107 Resp: 266300
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

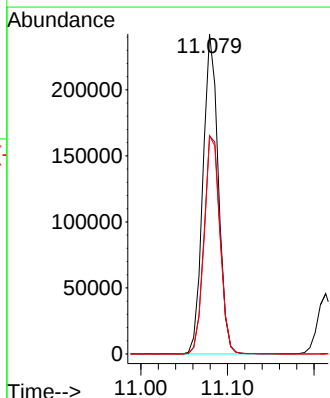
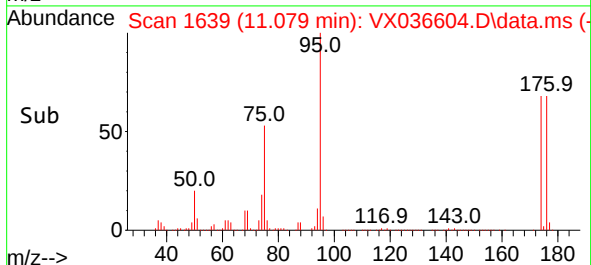
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

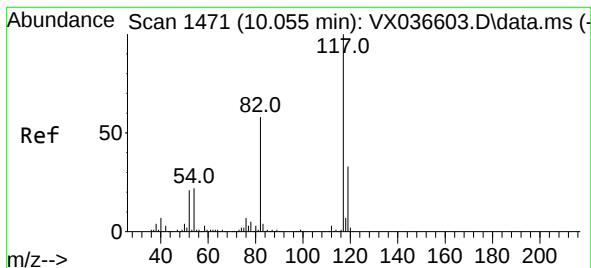


#62
4-Bromofluorobenzene
Concen: 101.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



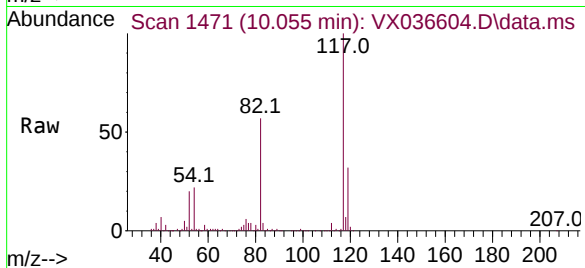
Tgt Ion: 95 Resp: 298109
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 70.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

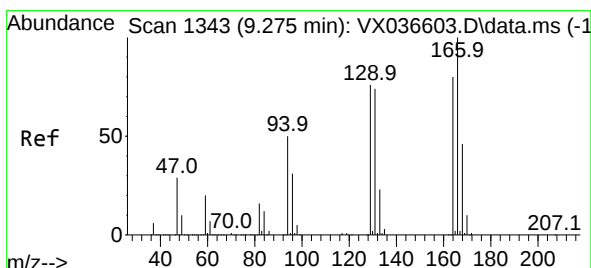
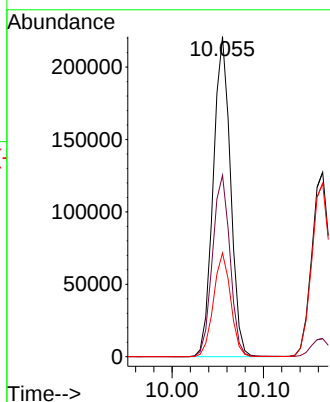
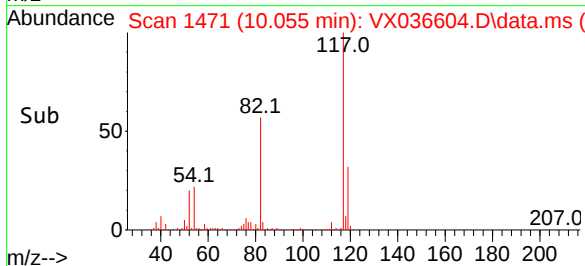
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 290189
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.4 25.5 38.3

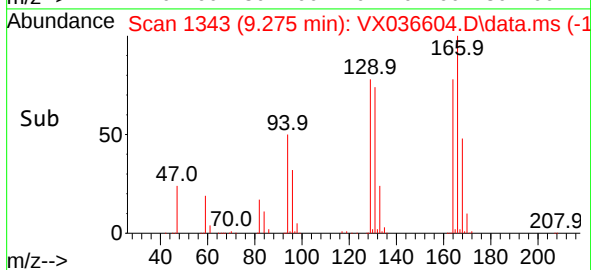
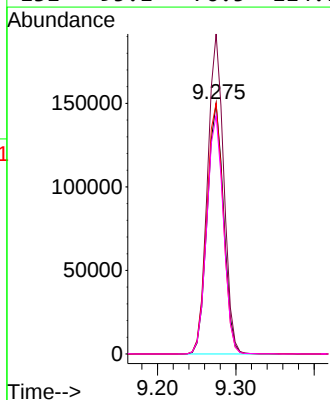
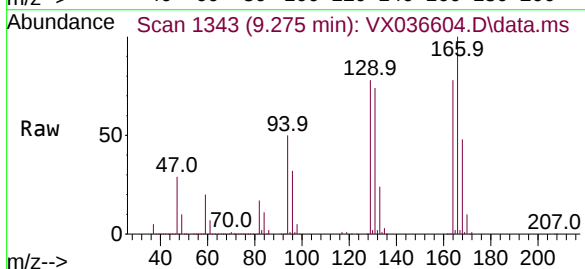
Manual Integrations
APPROVED

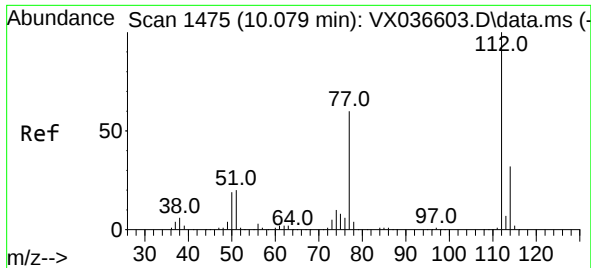
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 105.019 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Tgt Ion:164 Resp: 217772
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 100.1 80.4 120.6
131 95.1 76.5 114.7





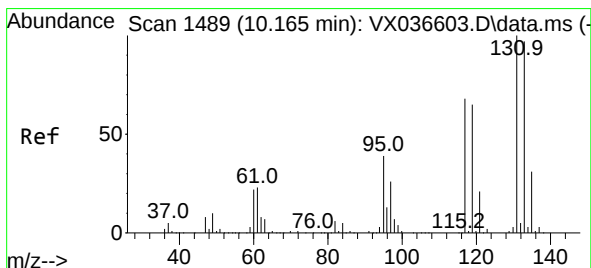
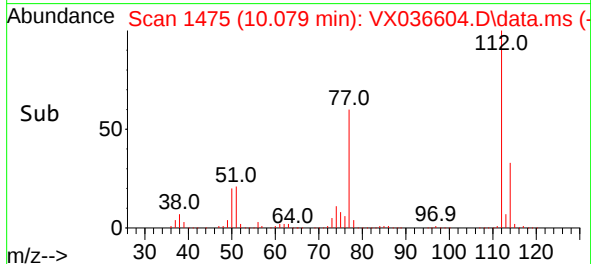
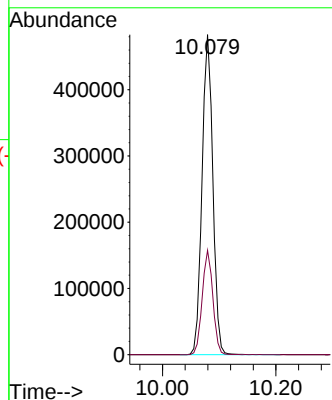
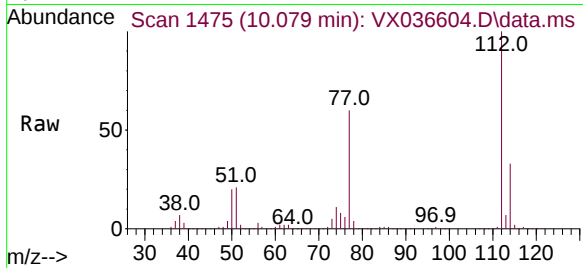
#65
Chlorobenzene
Concen: 103.756 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 639415
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

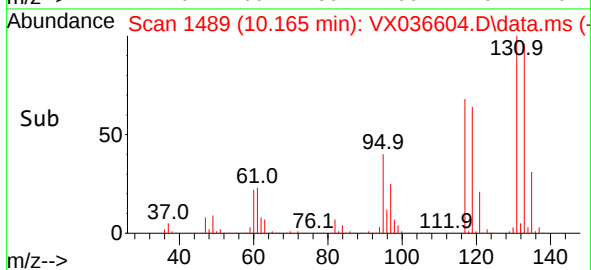
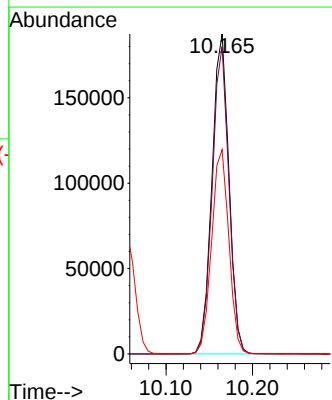
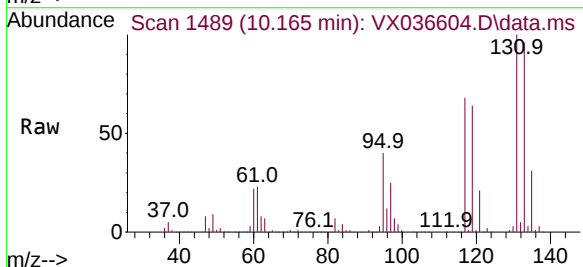
Manual Integrations
APPROVED

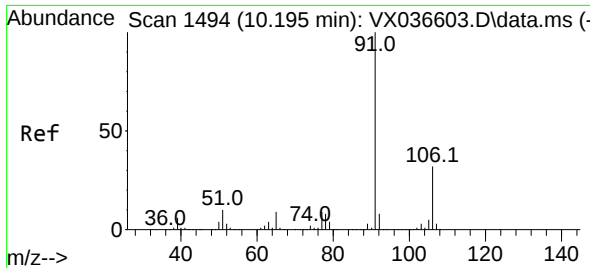
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 119.992 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

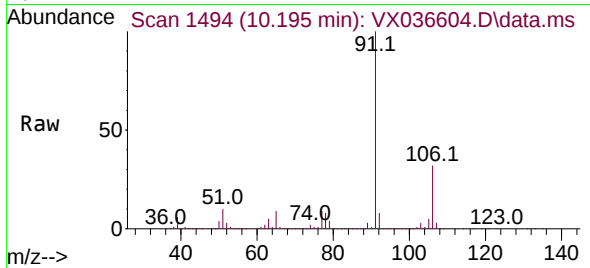
Tgt Ion:131 Resp: 254653
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 106.118 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

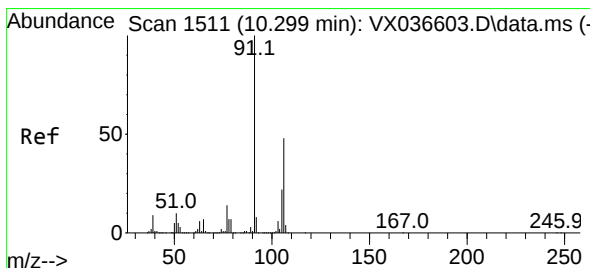
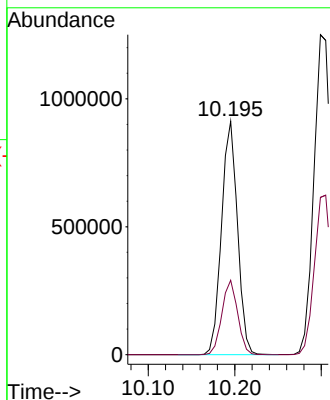
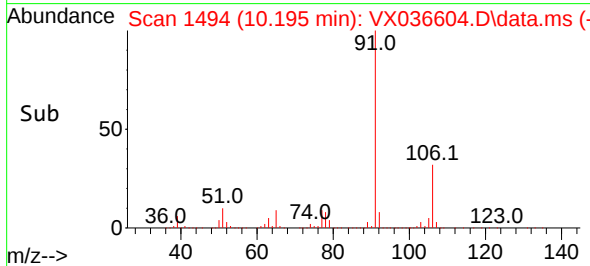
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



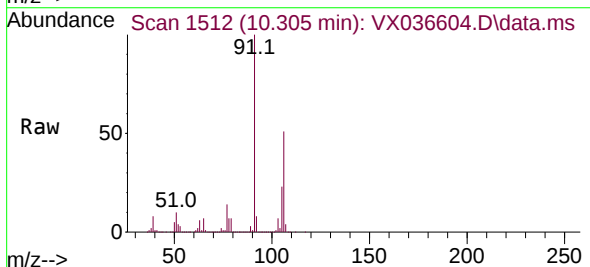
Tgt Ion: 91 Resp: 1167990
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

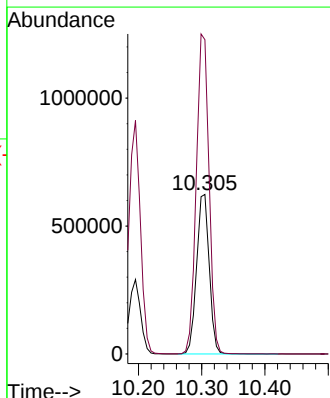
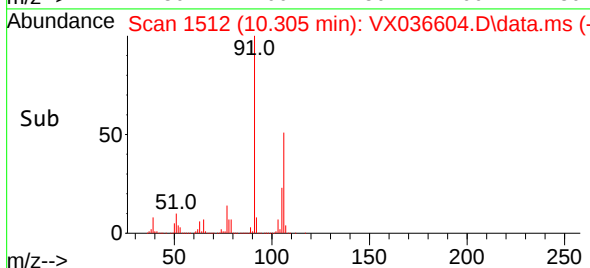
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

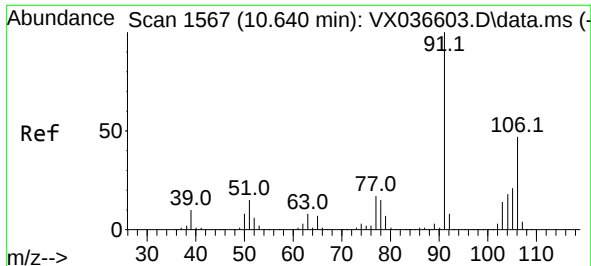


#68
m/p-Xylenes
Concen: 203.695 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion:106 Resp: 866258
Ion Ratio Lower Upper
106 100
91 202.6 165.5 248.3





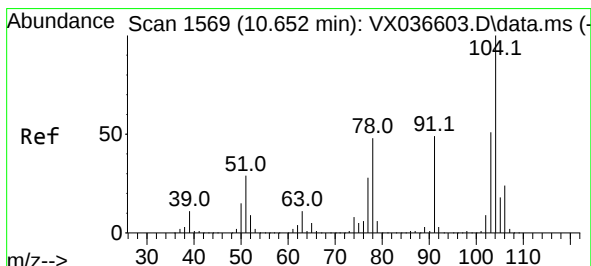
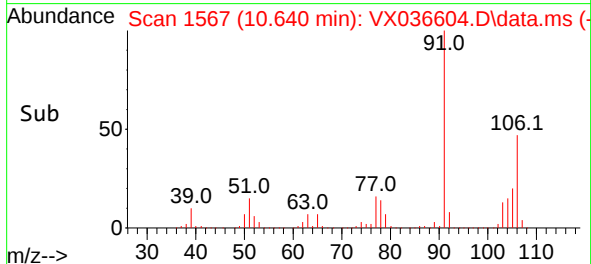
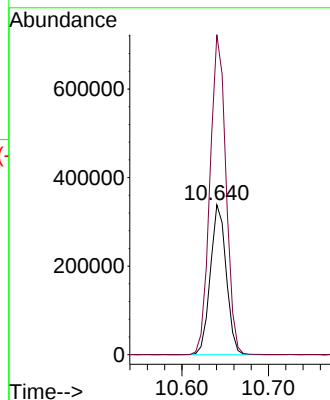
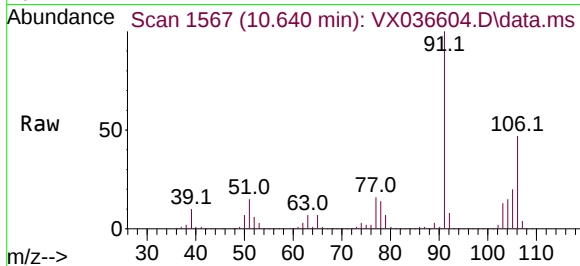
#69
o-Xylene
Concen: 103.919 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 430572
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.8

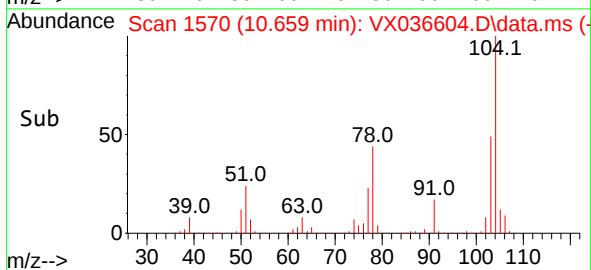
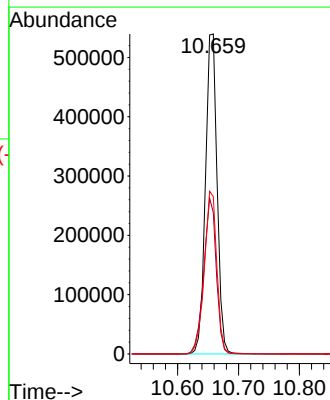
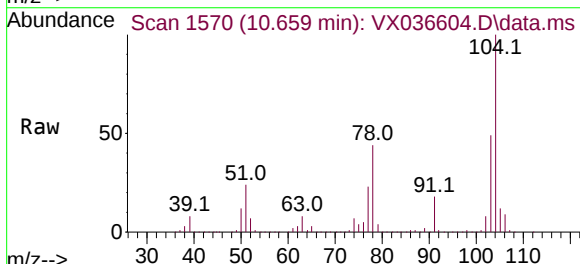
Manual Integrations
APPROVED

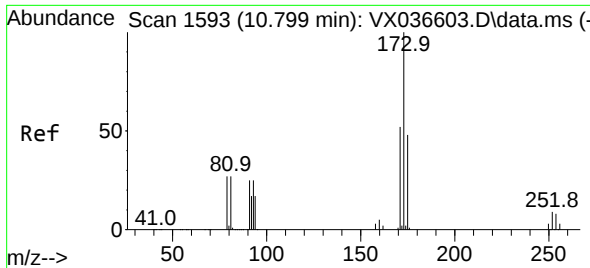
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 106.080 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

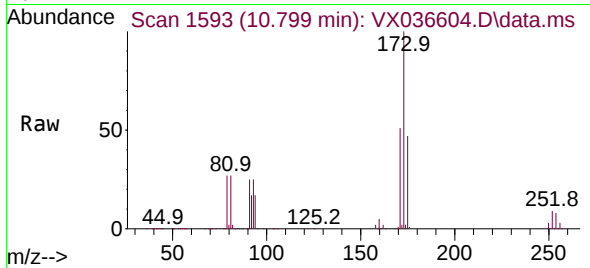
Tgt Ion:104 Resp: 719247
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 54.6 43.6 65.4





#71
Bromoform
Concen: 131.080 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

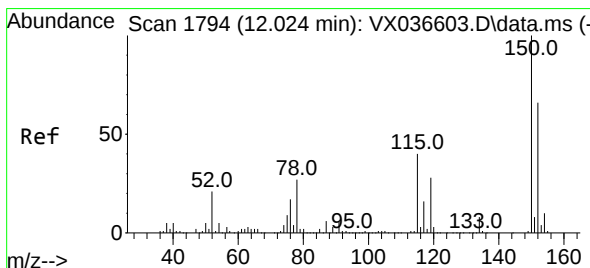
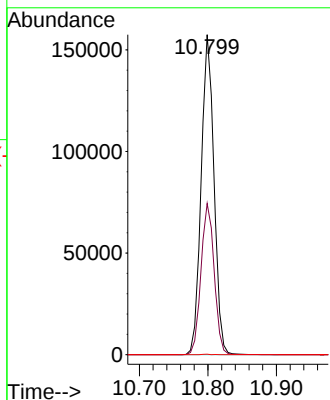
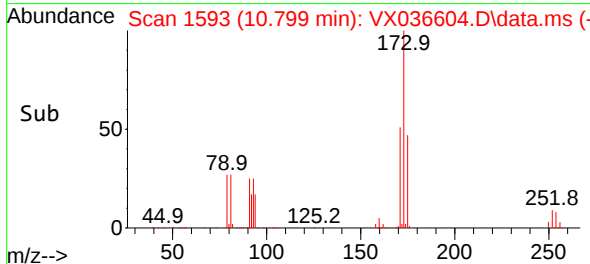
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



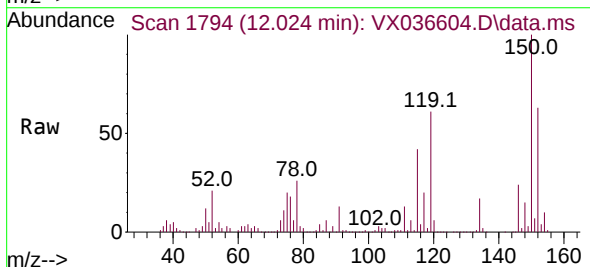
Tgt Ion:173 Resp: 205423
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

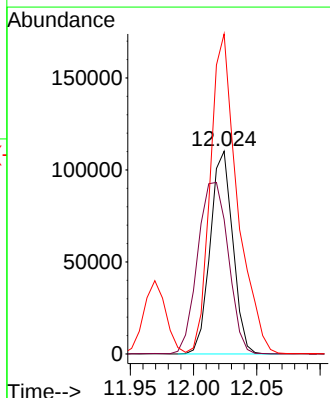
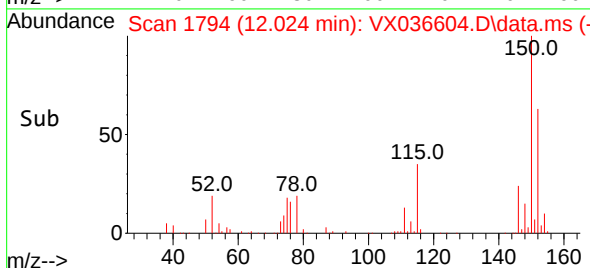
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

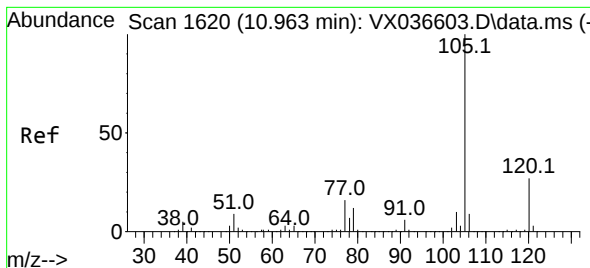


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion:152 Resp: 136523
Ion Ratio Lower Upper
152 100
115 115.3 43.3 129.9
150 189.6 0.0 345.0





#73

Isopropylbenzene

Concen: 108.280 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 1123130

Ion Ratio Lower Upper

105 100

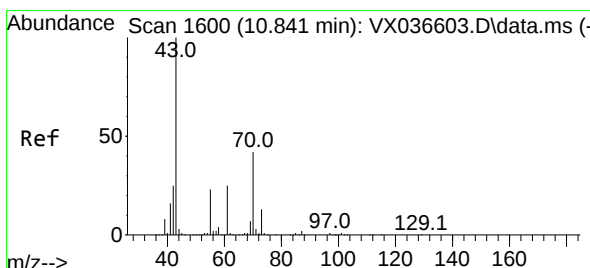
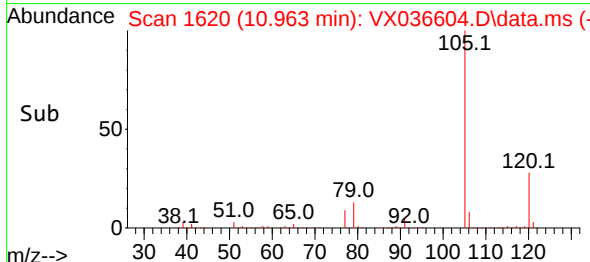
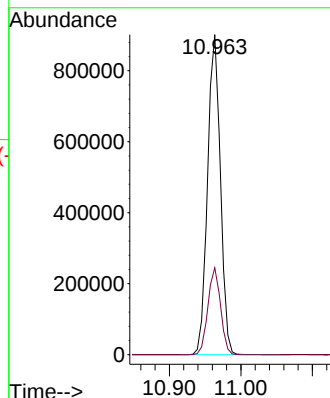
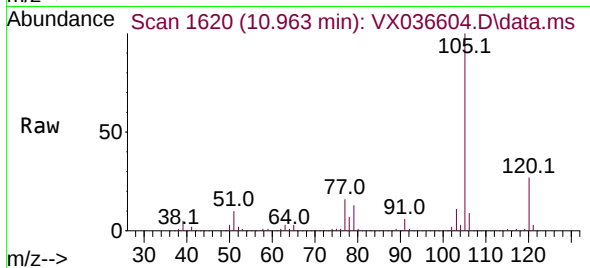
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 120.193 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Tgt Ion: 43 Resp: 507032

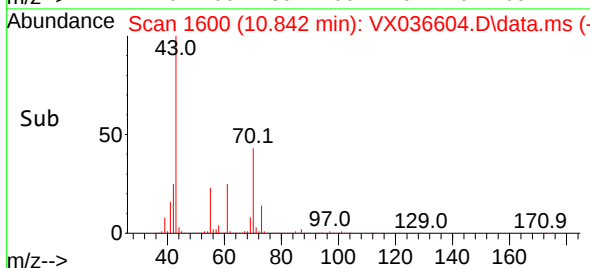
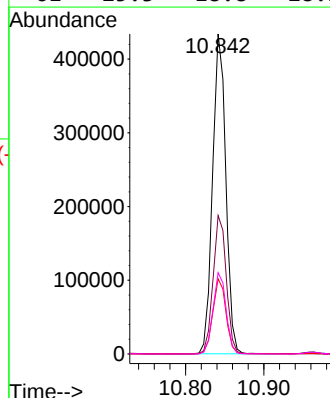
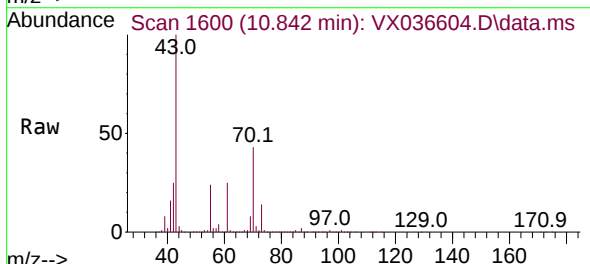
Ion Ratio Lower Upper

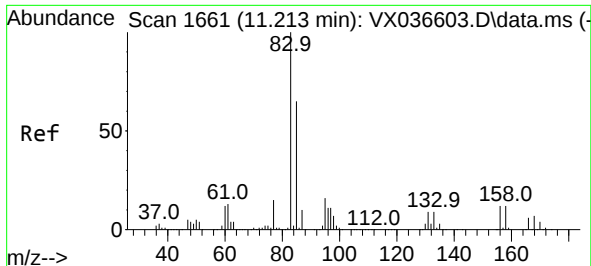
43 100

70 43.4 32.9 49.3

55 23.3 19.3 28.9

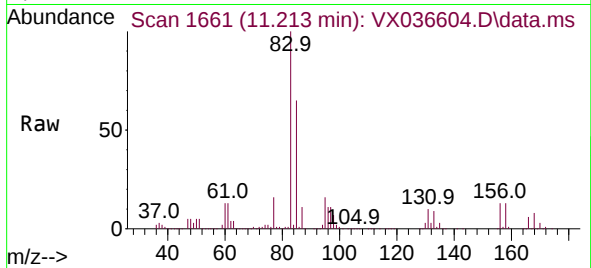
61 25.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 101.814 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

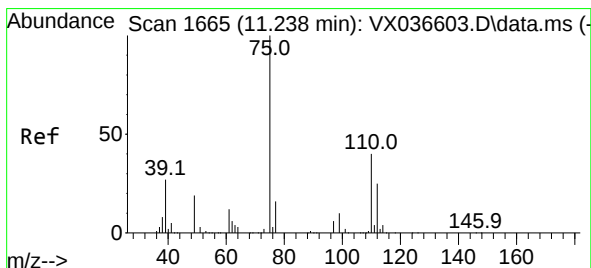
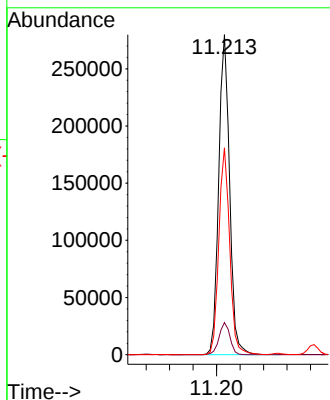
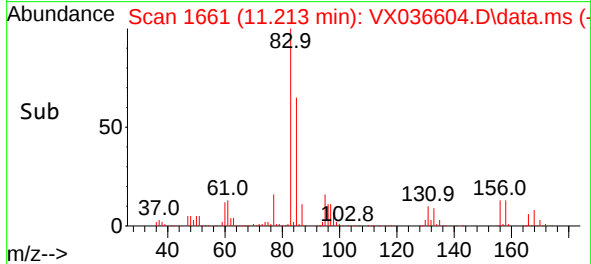
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



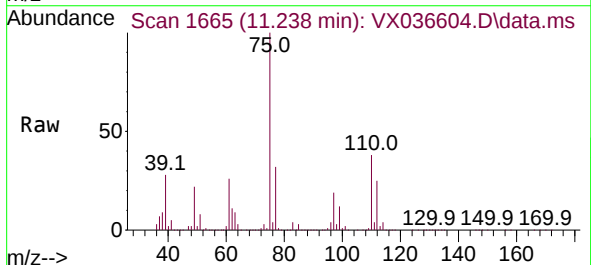
Tgt Ion: 83 Resp: 357940
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.7 32.0 96.2

Manual Integrations
APPROVED

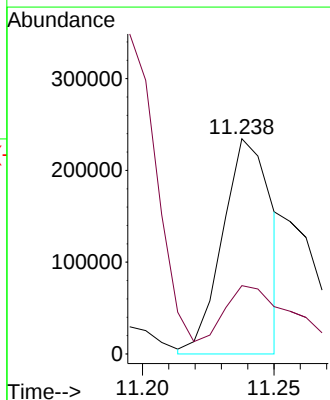
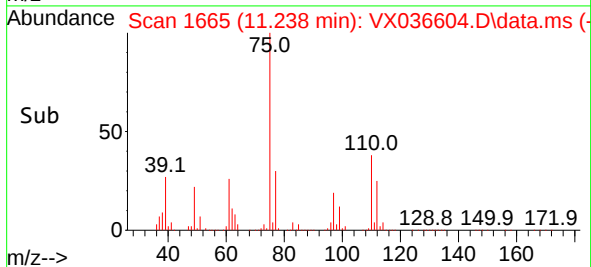
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

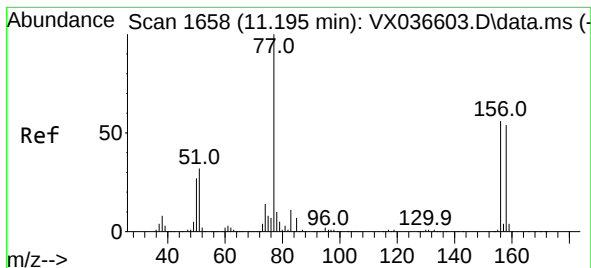


#76
1,2,3-Trichloropropane
Concen: 102.011 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion: 75 Resp: 302538
Ion Ratio Lower Upper
75 100
77 46.7 19.1 57.5





#77

Bromobenzene

Concen: 101.548 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

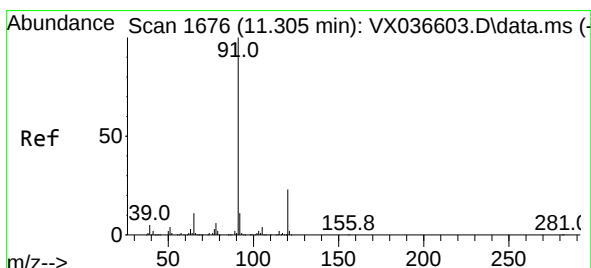
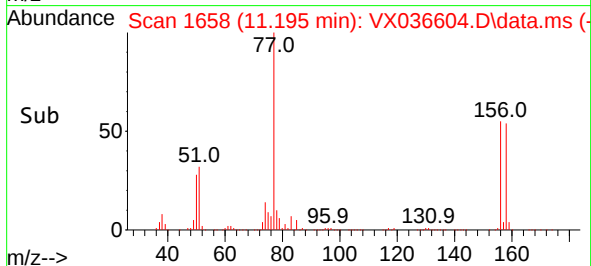
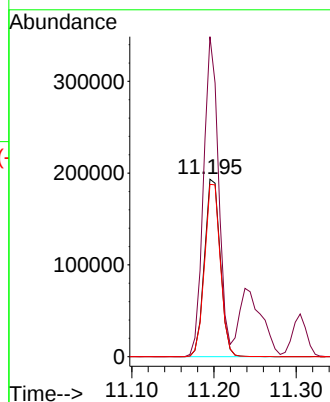
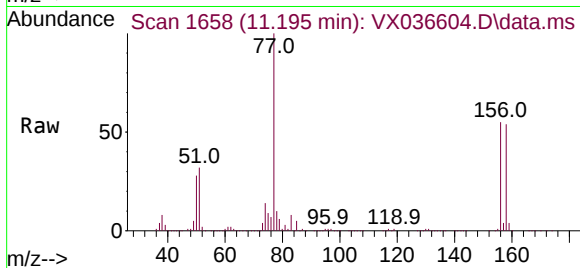
Tgt Ion:	156	Resp:	258058
Ion Ratio	Lower	Upper	
156	100		
77	171.7	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 107.464 ug/l

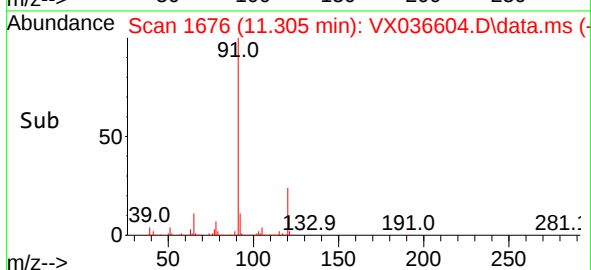
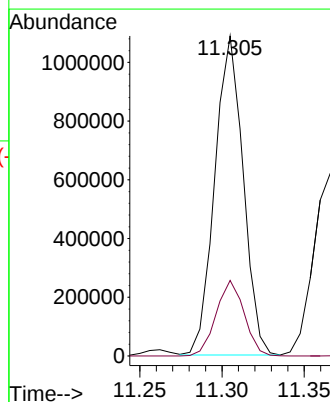
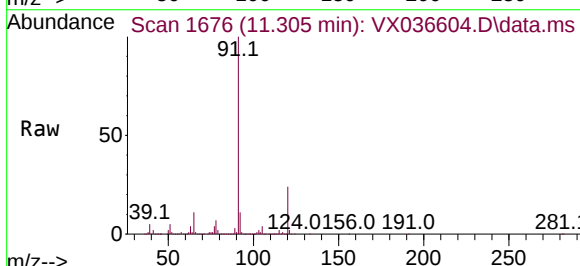
RT: 11.305 min Scan# 1676

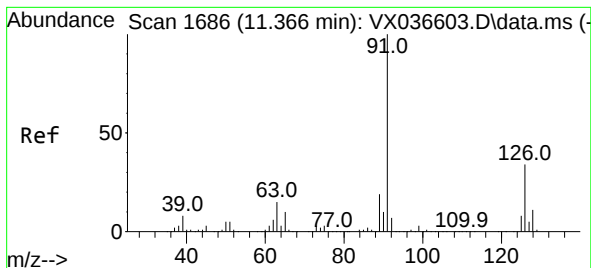
Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Tgt Ion:	91	Resp:	1304217
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





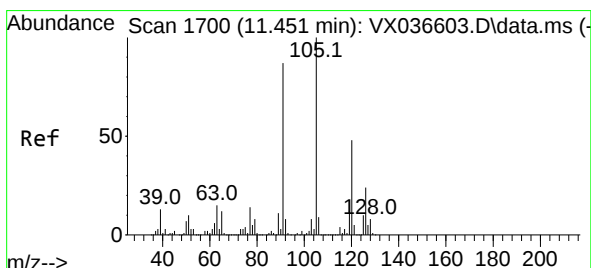
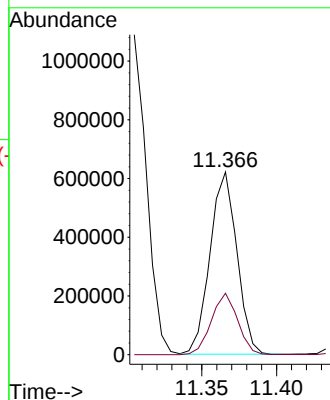
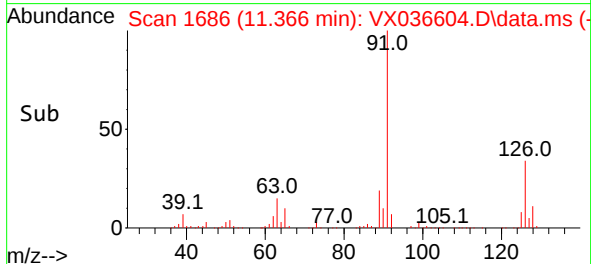
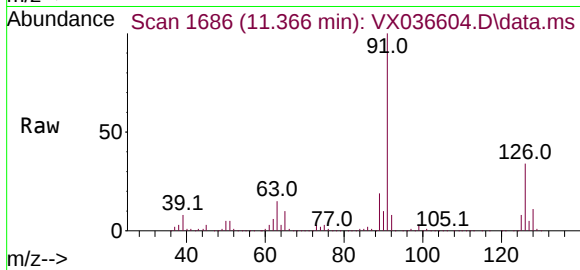
#79
2-Chlorotoluene
Concen: 107.312 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 77675
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

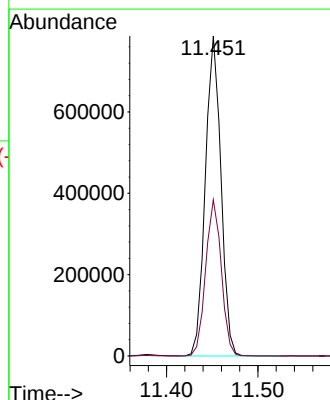
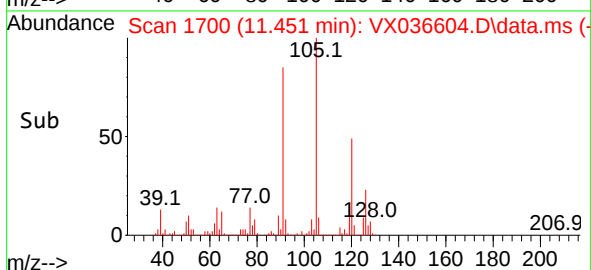
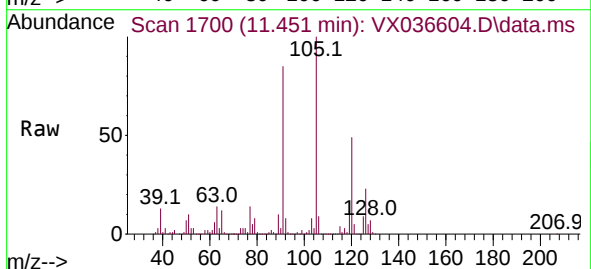
Manual Integrations
APPROVED

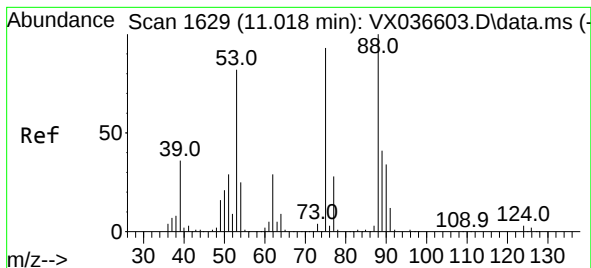
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 105.569 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

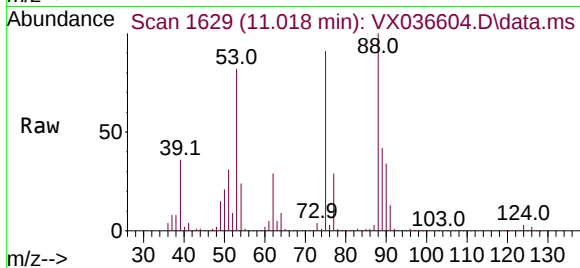
Tgt Ion:105 Resp: 928196
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 142.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

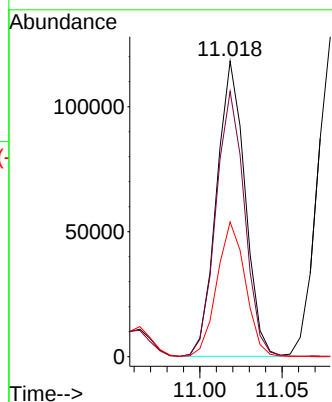
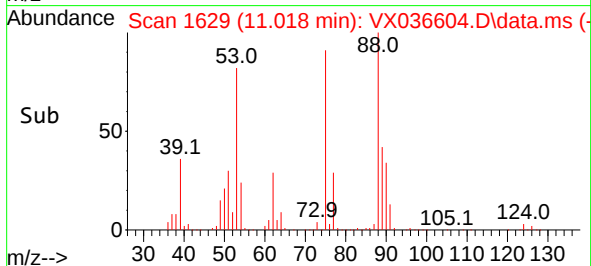
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



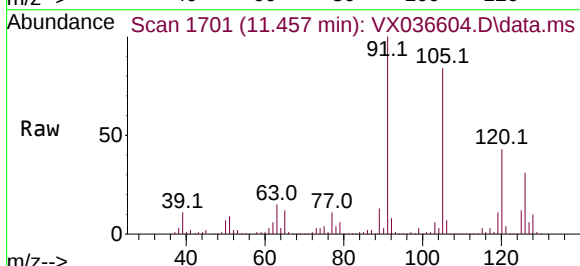
Tgt Ion: 75 Resp: 142030
Ion Ratio Lower Upper
75 100
53 90.2 90.5 135.7
89 45.8 36.9 55.3

Manual Integrations
APPROVED

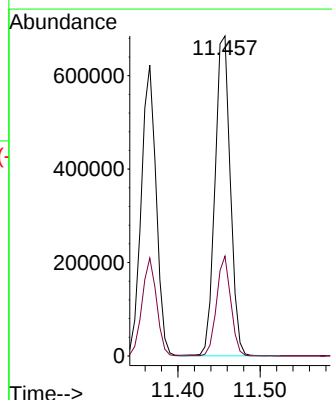
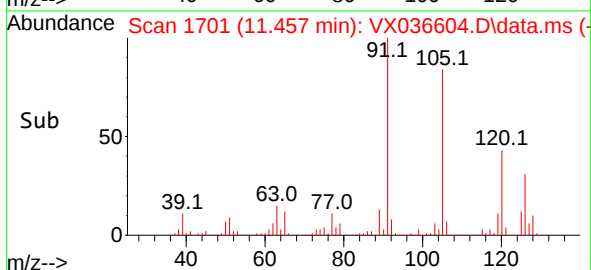
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

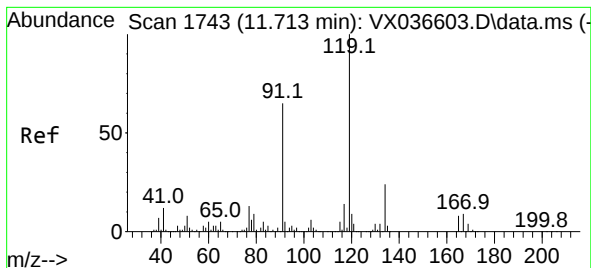


#82
4-Chlorotoluene
Concen: 105.541 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion: 91 Resp: 886562
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 107.725 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

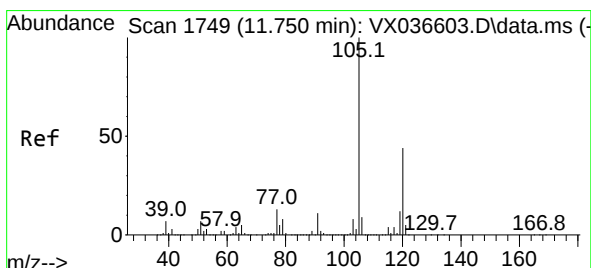
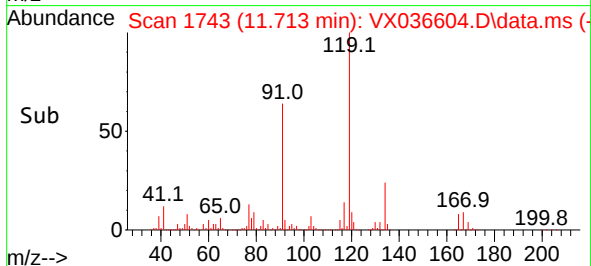
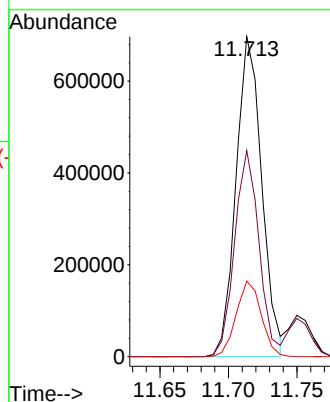
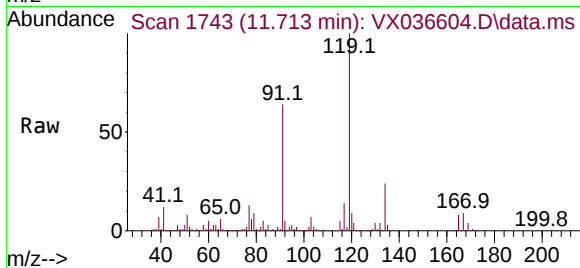
Tgt Ion:	119	Resp:	911029
Ion Ratio	Lower	Upper	
119	100		
91	61.2	31.2	93.6
134	23.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 106.706 ug/l

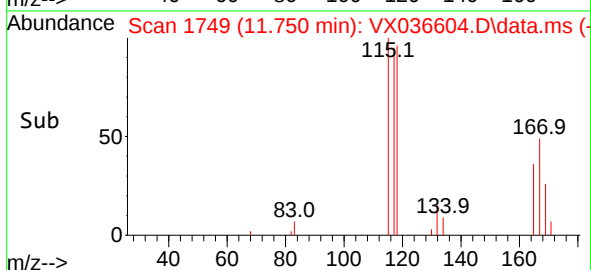
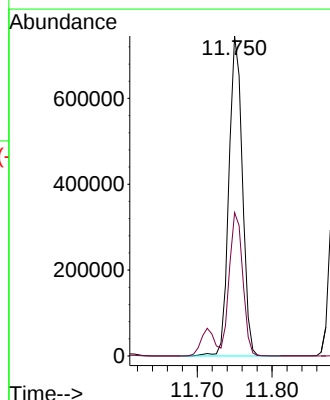
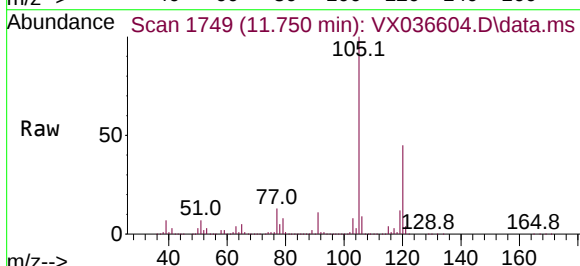
RT: 11.750 min Scan# 1749

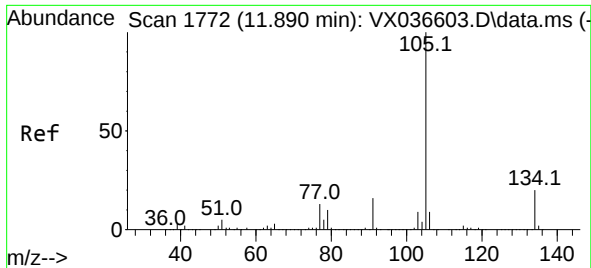
Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

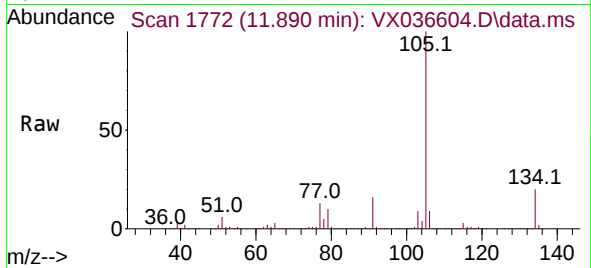
Tgt Ion:	105	Resp:	929858
Ion Ratio	Lower	Upper	
105	100		
120	44.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 108.078 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20

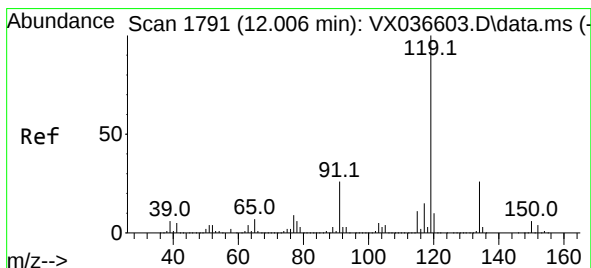
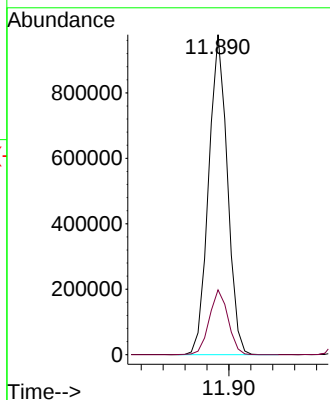
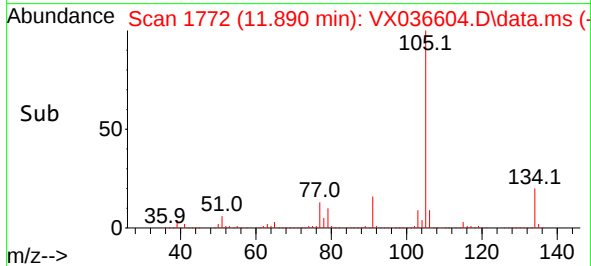
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



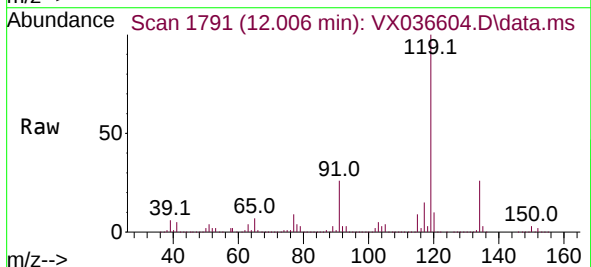
Tgt Ion:105 Resp: 115735
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

Manual Integrations
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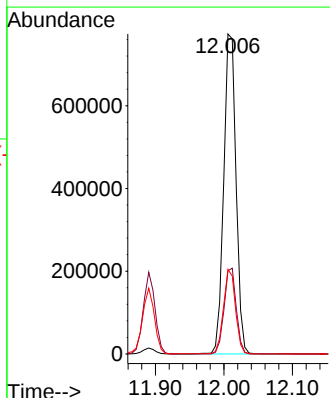
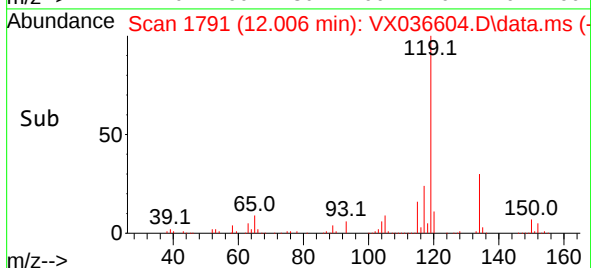
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

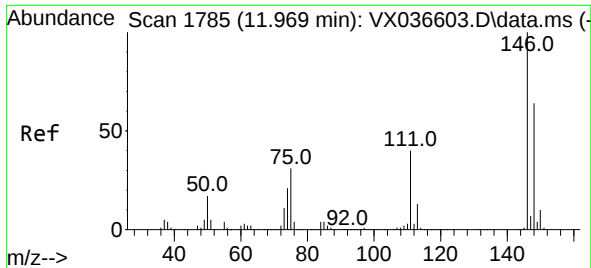


#86
 p-Isopropyltoluene
 Concen: 107.095 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036604.D
 Acq: 21 Jul 2023 11:20



Tgt Ion:119 Resp: 959950
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 102.997 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 48108

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.1

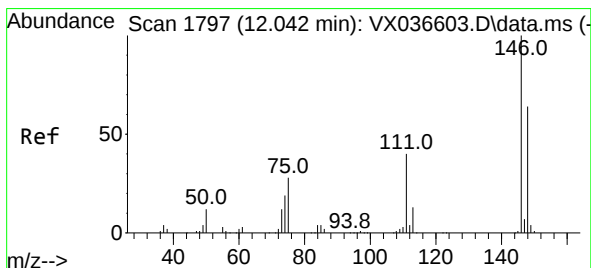
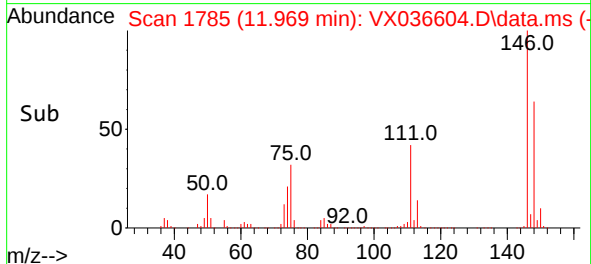
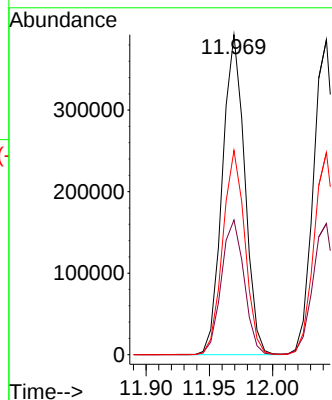
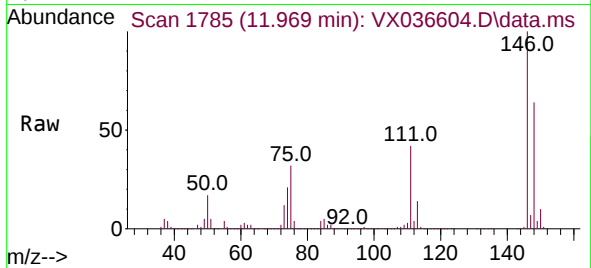
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 100.290 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

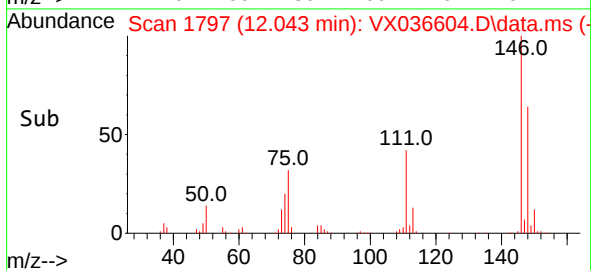
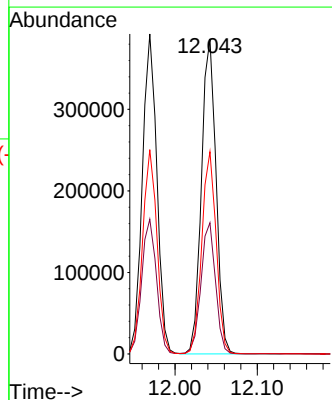
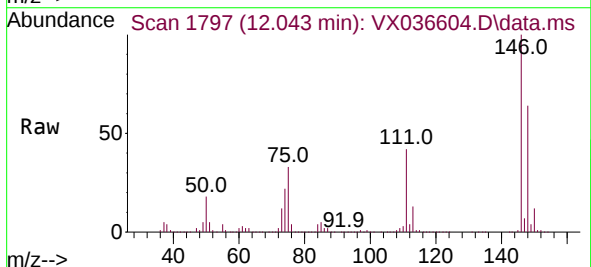
Tgt Ion:146 Resp: 476648

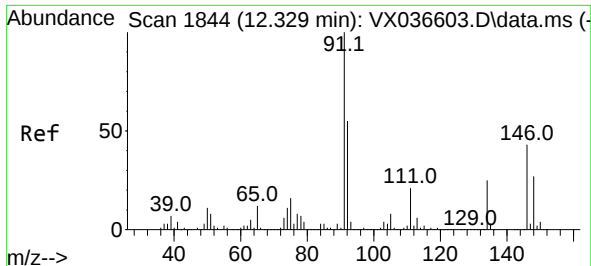
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 63.2 31.8 95.4





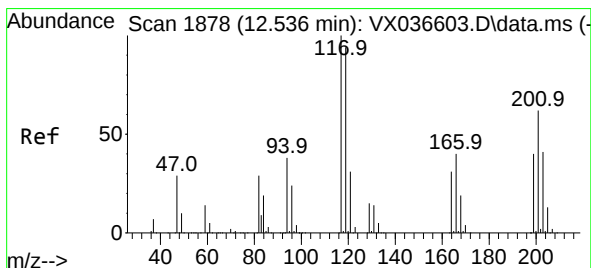
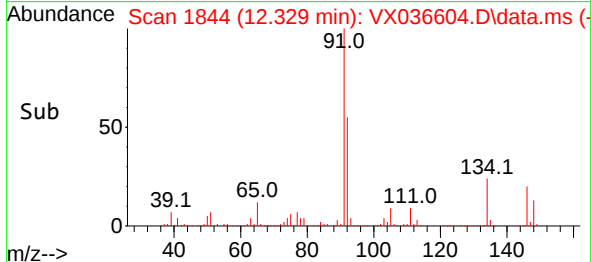
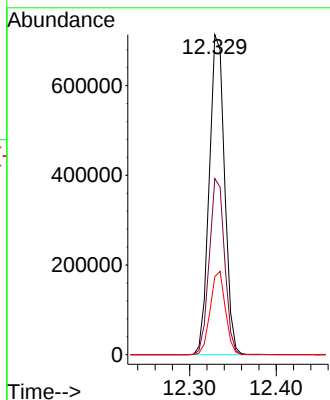
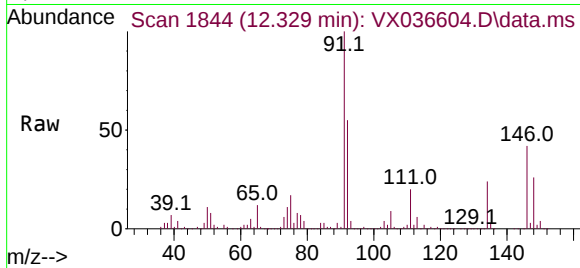
#89
n-Butylbenzene
Concen: 109.851 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 877544
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.0
134 25.7 12.6 37.8

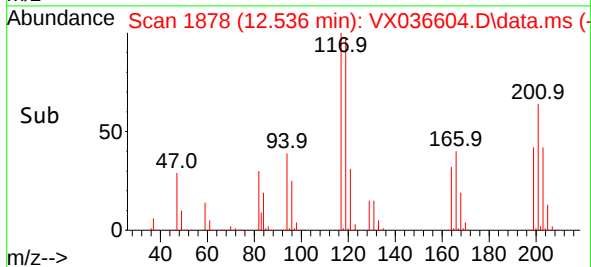
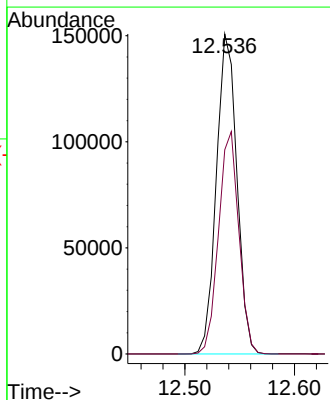
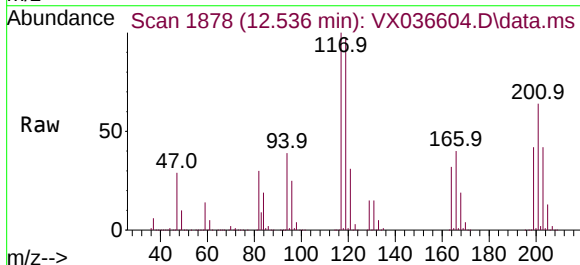
Manual Integrations
APPROVED

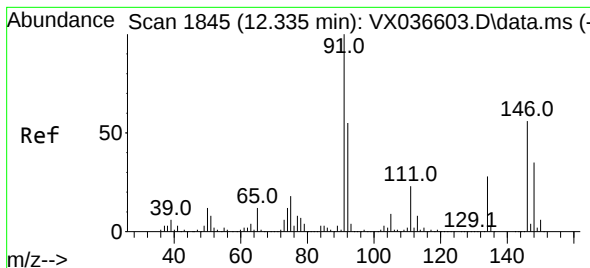
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 136.946 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

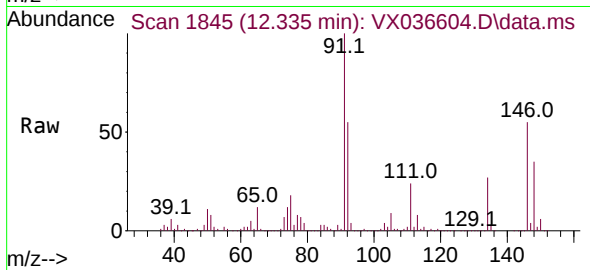
Tgt Ion:117 Resp: 196222
Ion Ratio Lower Upper
117 100
201 68.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 99.205 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

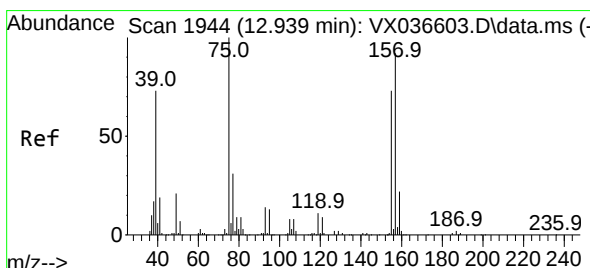
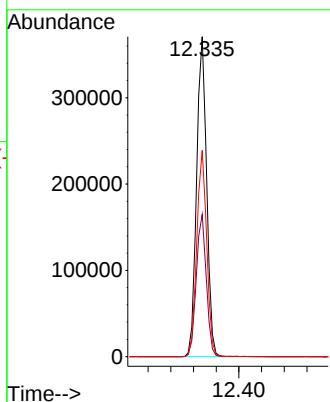
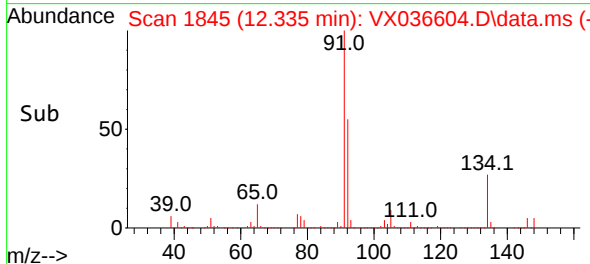
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



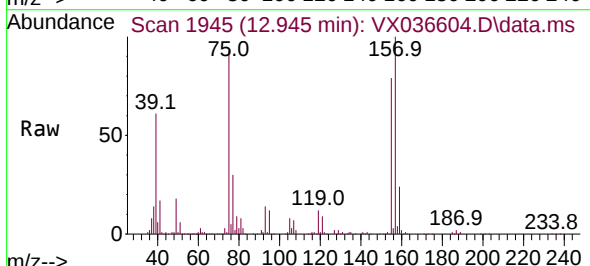
Tgt Ion:146 Resp: 45527
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

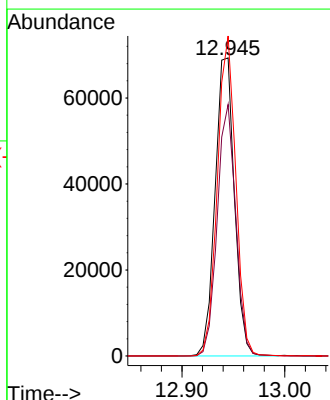
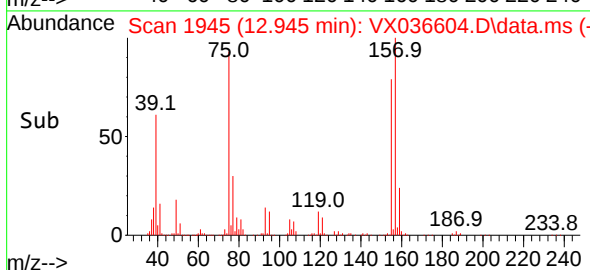
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

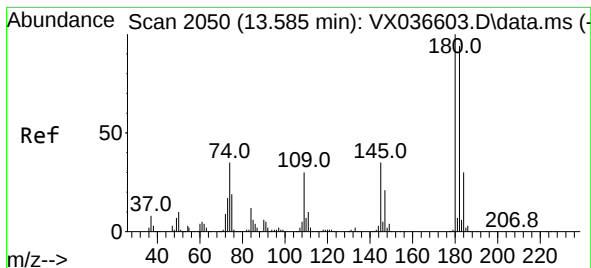


#92
1,2-Dibromo-3-Chloropropane
Concen: 131.036 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion: 75 Resp: 90324
Ion Ratio Lower Upper
75 100
155 80.8 36.1 108.5
157 102.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 108.074 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 305450

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.8

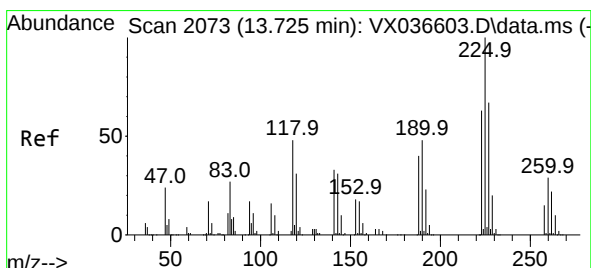
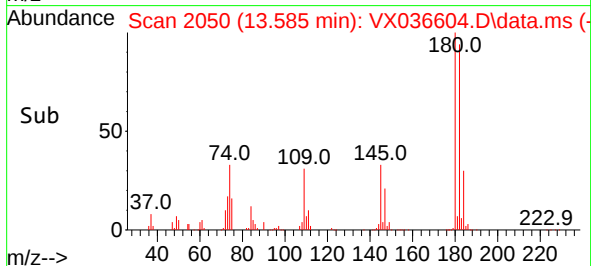
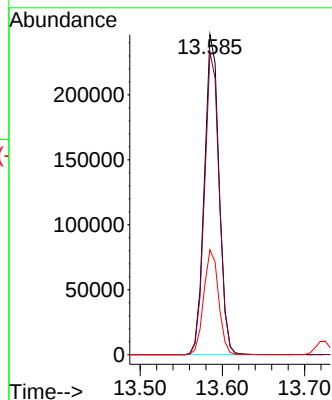
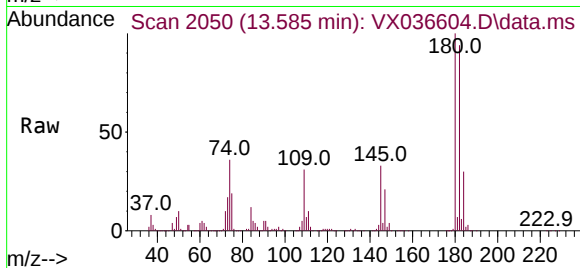
145 33.1 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 104.515 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036604.D

Acq: 21 Jul 2023 11:20

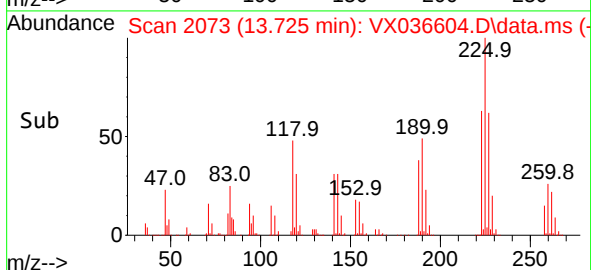
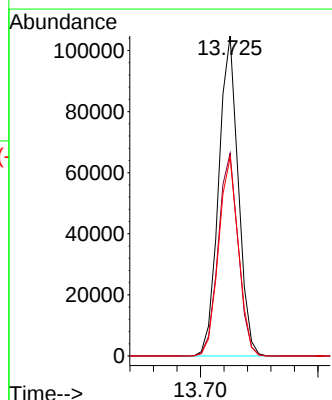
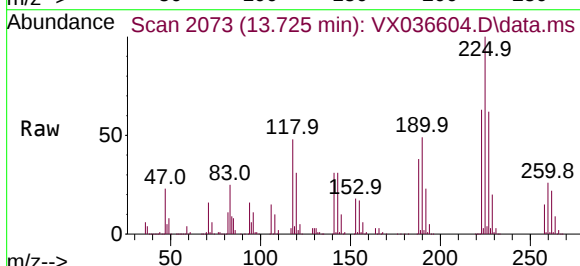
Tgt Ion:225 Resp: 121317

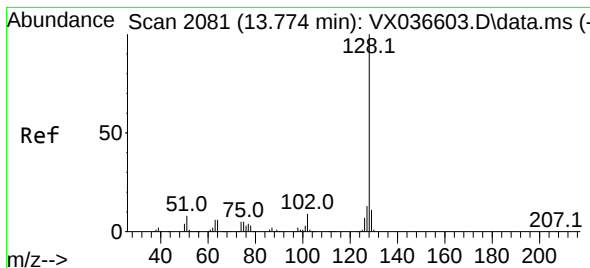
Ion Ratio Lower Upper

225 100

223 64.4 31.1 93.2

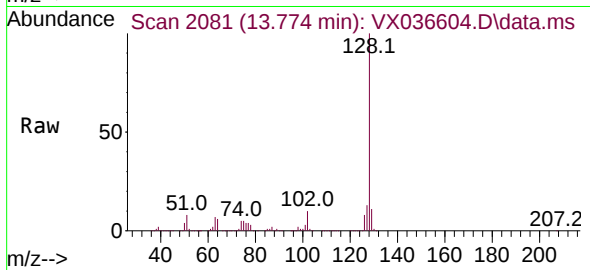
227 62.8 32.5 97.5





#95
Naphthalene
Concen: 110.839 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20

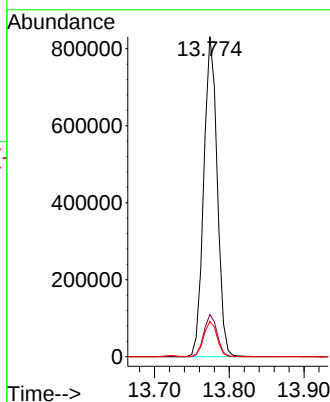
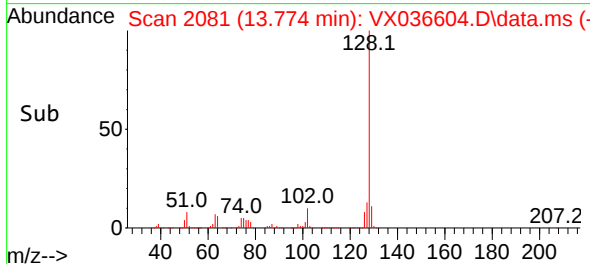
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



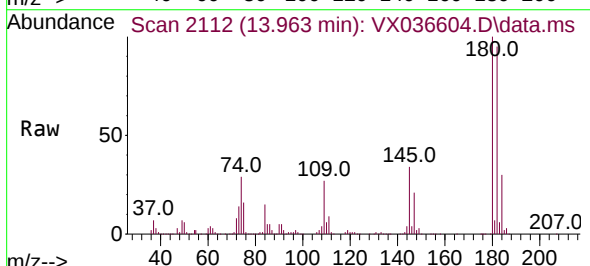
Tgt Ion:128 Resp: 103809
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 108.808 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036604.D
Acq: 21 Jul 2023 11:20



Tgt Ion:180 Resp: 299483
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 35.0 17.8 53.5

