

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036603.D
 Acq On : 21 Jul 2023 10:57
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 11:56:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:54:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135133	50.138	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.280%			
35) Dibromofluoromethane	5.385	113	108471	50.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.647	98	394700	49.534	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.079	95	154752	53.728	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117579	62.768	ug/l	99
3) Chloromethane	1.294	50	107033	36.765	ug/l	99
4) Vinyl Chloride	1.374	62	113315	35.698	ug/l	99
5) Bromomethane	1.618	94	65978	29.355	ug/l	99
6) Chloroethane	1.691	64	58149	25.811	ug/l	98
7) Trichlorofluoromethane	1.886	101	174959	36.094	ug/l	99
8) Diethyl Ether	2.136	74	64057	34.469	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	105369	49.455	ug/l	99
10) Methyl Iodide	2.453	142	116883	46.454	ug/l	92
11) Tert butyl alcohol	2.989	59	162302	311.079	ug/l	96
12) 1,1-Dichloroethene	2.319	96	102436	48.467	ug/l	91
13) Acrolein	2.239	56	89968	145.718	ug/l	98
14) Allyl chloride	2.666	41	201701	56.889	ug/l	93
15) Acrylonitrile	3.068	53	333142	265.985	ug/l	99
16) Acetone	2.392	43	279057	241.869	ug/l	92
17) Carbon Disulfide	2.514	76	281440	53.017	ug/l	97
18) Methyl Acetate	2.709	43	243526	51.325	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	394662	56.265	ug/l	99
20) Methylene Chloride	2.788	84	120129	48.544	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	113770	49.892	ug/l	95
22) Diisopropyl ether	3.763	45	388607	55.125	ug/l #	85
23) Vinyl Acetate	3.721	43	1526139	295.193	ug/l	97
24) 1,1-Dichloroethane	3.611	63	219569	53.215	ug/l	98
25) 2-Butanone	4.562	43	469859	278.674	ug/l	95
26) 2,2-Dichloropropane	4.477	77	203063	65.828	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	135417	52.588	ug/l	95
28) Bromochloromethane	4.904	49	106906	49.925	ug/l	95
29) Tetrahydrofuran	5.007	42	304894	282.651	ug/l	95
30) Chloroform	5.099	83	221402	53.155	ug/l	98
31) Cyclohexane	5.470	56	189298	53.877	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	203430	57.608	ug/l	98
36) 1,1-Dichloropropene	5.696	75	162512	50.486	ug/l	98
37) Ethyl Acetate	4.715	43	189466	56.565	ug/l	99
38) Carbon Tetrachloride	5.678	117	175060	58.196	ug/l	98
39) Methylcyclohexane	7.385	83	204134	52.844	ug/l	93
40) Benzene	6.037	78	482428	53.311	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	102342	55.456	ug/l	95
42) 1,2-Dichloroethane	6.086	62	178228	52.121	ug/l	96
43) Isopropyl Acetate	6.342	43	320713	59.453	ug/l	96
44) Trichloroethene	7.123	130	125670	50.367	ug/l	98
45) 1,2-Dichloropropane	7.427	63	128360	52.356	ug/l	98
46) Dibromomethane	7.580	93	90018	52.070	ug/l	97
47) Bromodichloromethane	7.824	83	185181	58.268	ug/l	97
48) Methyl methacrylate	7.690	41	152871	57.389	ug/l	93
49) 1,4-Dioxane	7.696	88	60689	1046.405	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	921677	271.425	ug/l	96
52) Toluene	8.720	92	304837	53.198	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	214128	65.130	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	222179	60.803	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	126340	53.146	ug/l	96
56) Ethyl methacrylate	9.116	69	214148	59.001	ug/l	96
57) 1,3-Dichloropropane	9.305	76	216266	52.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	515088	261.621	ug/l	99
59) 2-Hexanone	9.427	43	684474	275.572	ug/l	95
60) Dibromochloromethane	9.519	129	143452	60.577	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133661	53.009	ug/l	99
64) Tetrachloroethene	9.275	164	109160	51.733	ug/l	97
65) Chlorobenzene	10.079	112	324714	51.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	125342	58.042	ug/l	98
67) Ethyl Benzene	10.195	91	593446	52.987	ug/l	99
68) m/p-Xylenes	10.299	106	448383	103.615	ug/l	99
69) o-Xylene	10.640	106	225190	53.412	ug/l	98
70) Styrene	10.652	104	373524	54.139	ug/l	99
71) Bromoform	10.799	173	105189	65.963	ug/l #	100
73) Isopropylbenzene	10.963	105	580819	53.206	ug/l	98
74) N-amyl acetate	10.841	43	273285	61.555	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	193360	52.259	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	166949m	53.488	ug/l	
77) Bromobenzene	11.195	156	135653	50.721	ug/l	98
78) n-propylbenzene	11.305	91	684507	53.592	ug/l	100
79) 2-Chlorotoluene	11.366	91	406852	53.408	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	492733	53.250	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	75644	72.013	ug/l #	84
82) 4-Chlorotoluene	11.451	91	466969	52.821	ug/l	100
83) tert-Butylbenzene	11.713	119	479830	53.911	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	490921	53.529	ug/l	98
85) sec-Butylbenzene	11.890	105	609257	54.060	ug/l	99
86) p-Isopropyltoluene	12.006	119	506898	53.734	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	250277	50.913	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	248487	49.678	ug/l	100
89) n-Butylbenzene	12.329	91	455495	54.178	ug/l	100
90) Hexachloroethane	12.536	117	101189	67.103	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	239573	49.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44805	61.762	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	150286	50.525	ug/l	97
94) Hexachlorobutadiene	13.725	225	59957	49.080	ug/l	98
95) Naphthalene	13.774	128	518446	52.598	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	147174	50.807	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICCC050

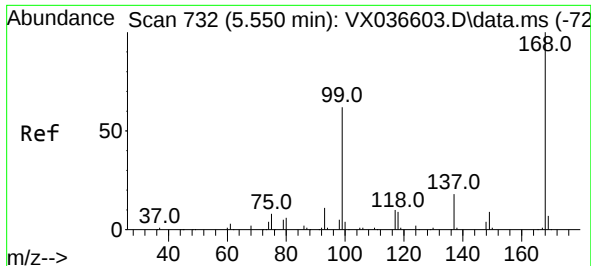
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:54:45 2023
Response via : Initial Calibration

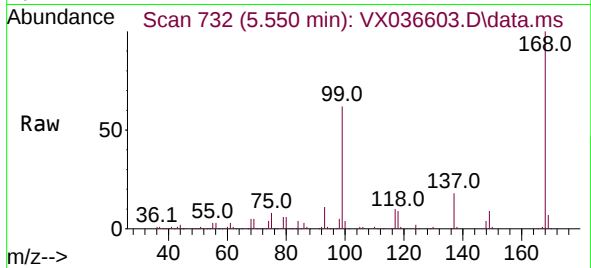
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036603.D
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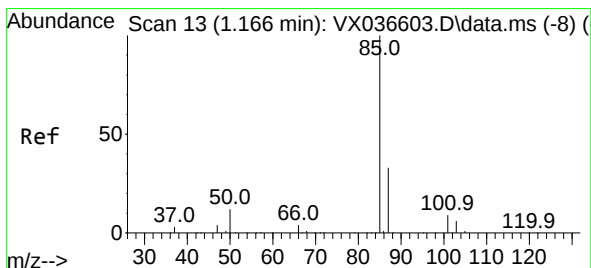
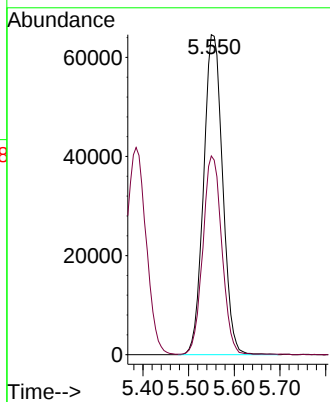
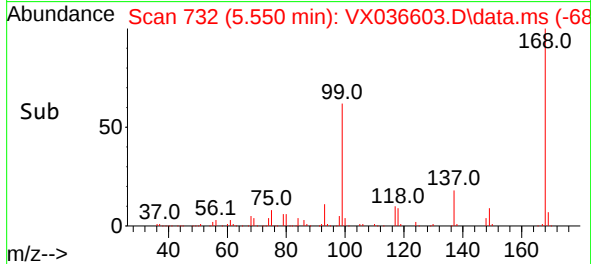
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



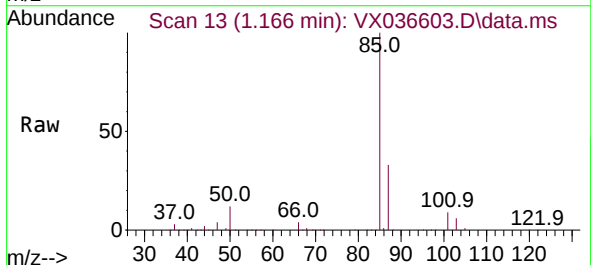
Tgt Ion:168 Resp: 186800
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

Manual Integrations
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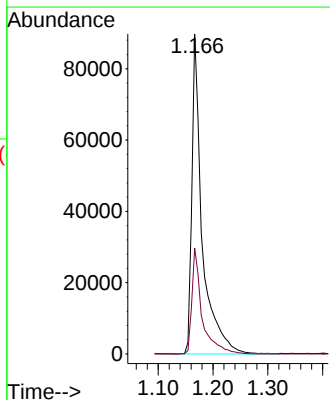
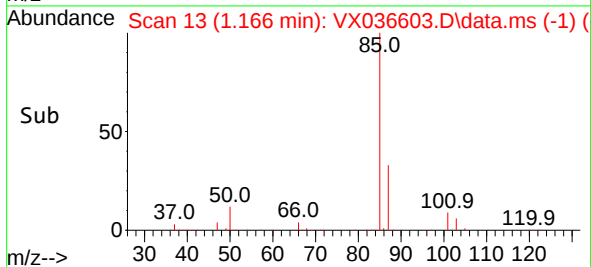
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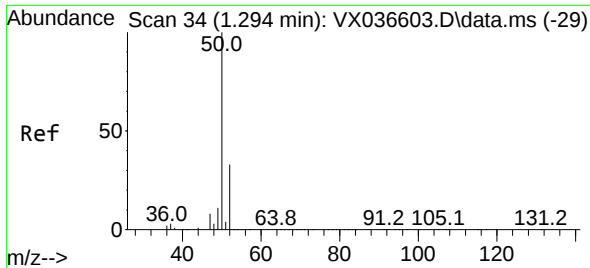


#2
Dichlorodifluoromethane
Concen: 62.768 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



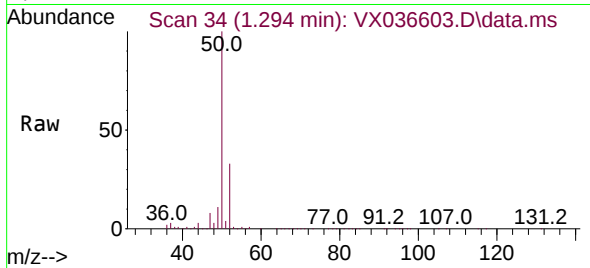
Tgt Ion: 85 Resp: 117579
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3
Chloromethane
Concen: 36.765 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

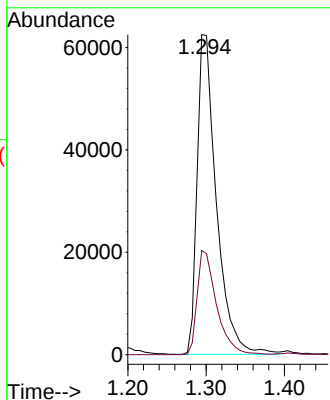
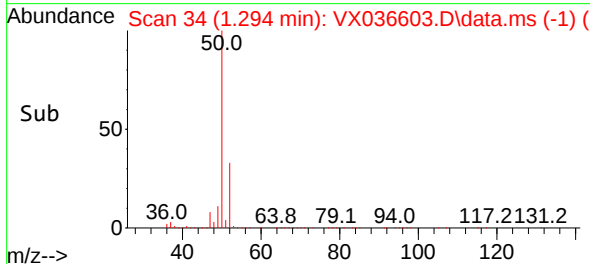
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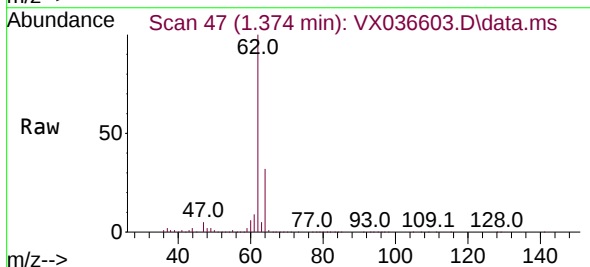
Tgt Ion: 50 Resp: 107033
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

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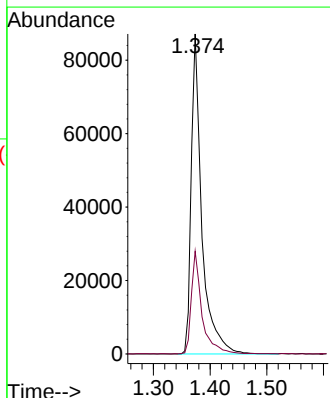
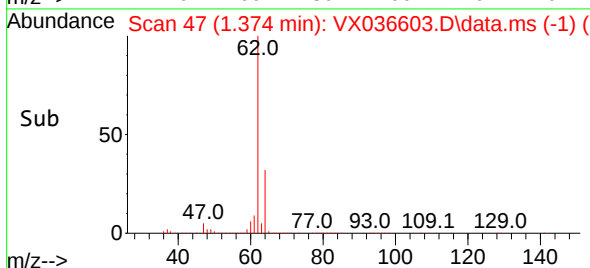
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 35.698 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



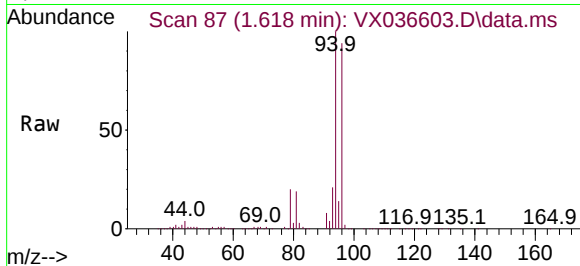
Tgt Ion: 62 Resp: 113315
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 29.355 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

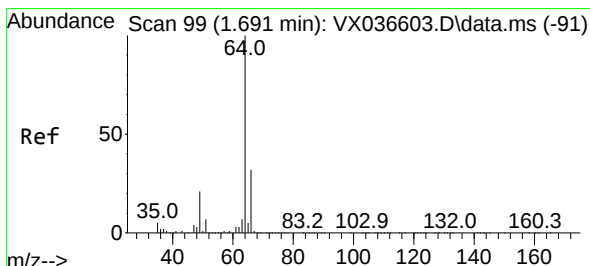
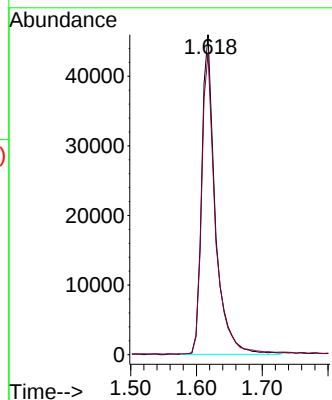
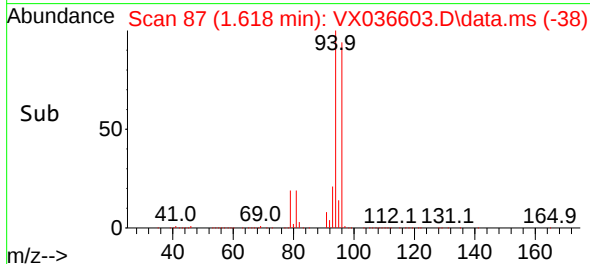
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 94 Resp: 65978
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8

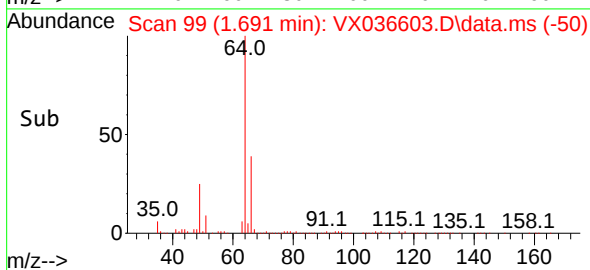
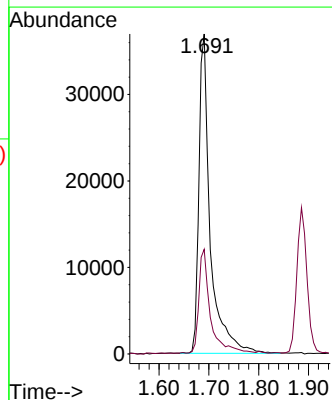
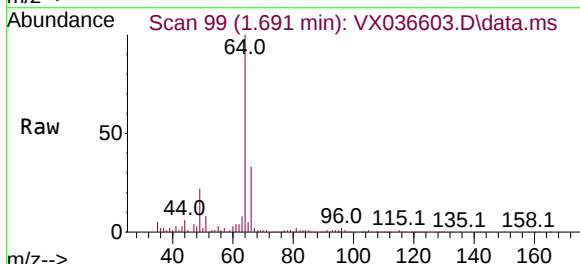
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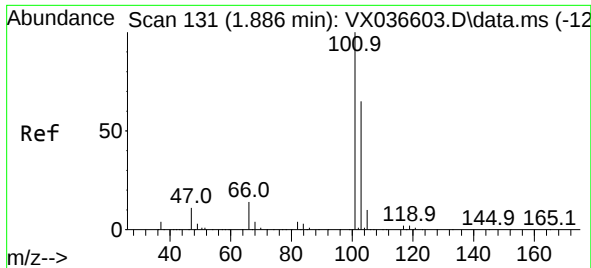
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 25.811 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

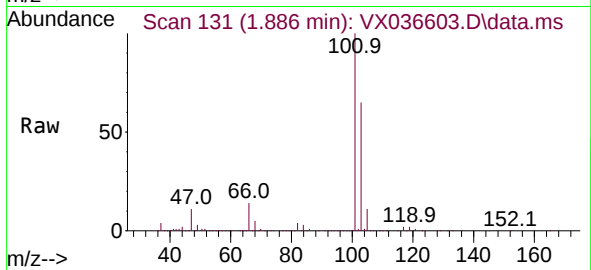
Tgt Ion: 64 Resp: 58149
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 36.094 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036603.D
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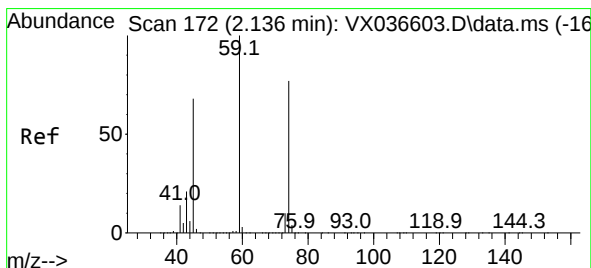
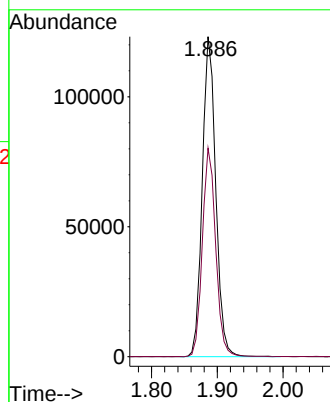
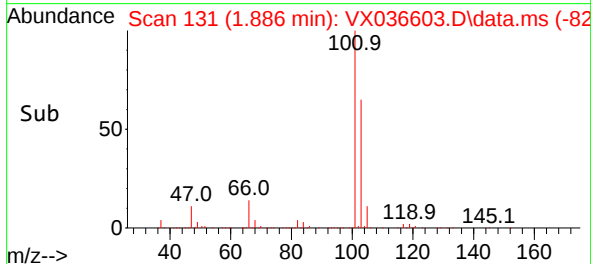
Instrument :
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 VSTDICCC050



Tgt Ion:101 Resp: 174959
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

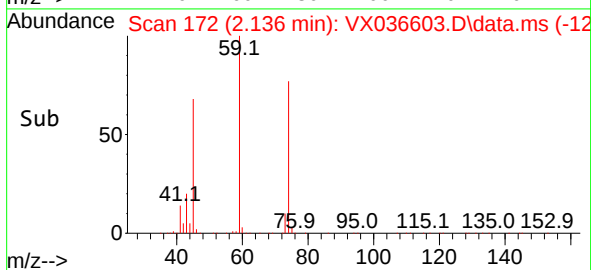
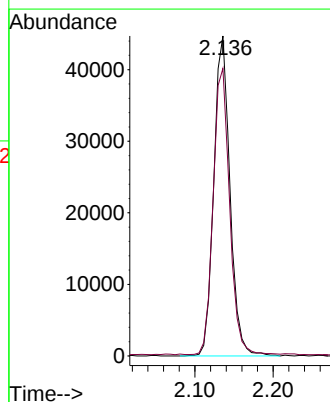
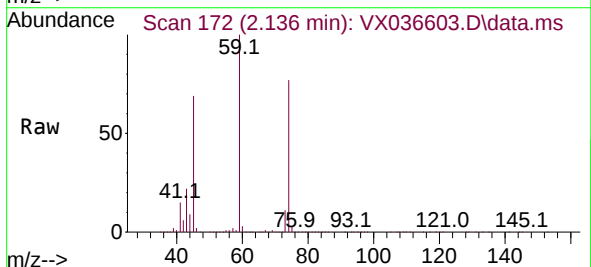
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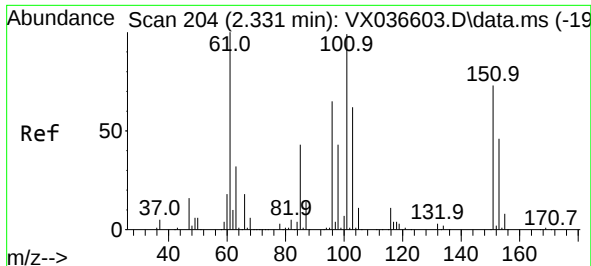
Reviewed By :John Carlone 07/24/2023
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#8
 Diethyl Ether
 Concen: 34.469 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036603.D
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Tgt Ion: 74 Resp: 64057
 Ion Ratio Lower Upper
 74 100
 45 90.7 53.3 159.8





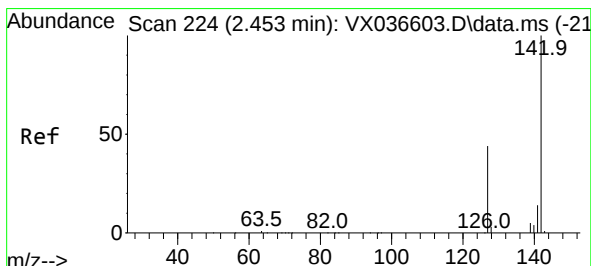
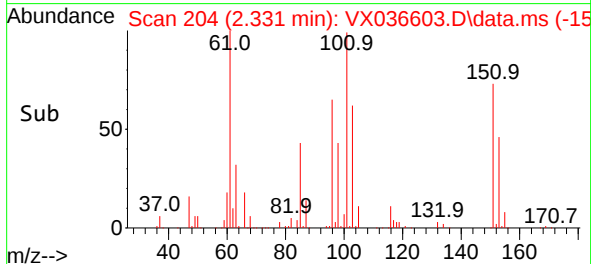
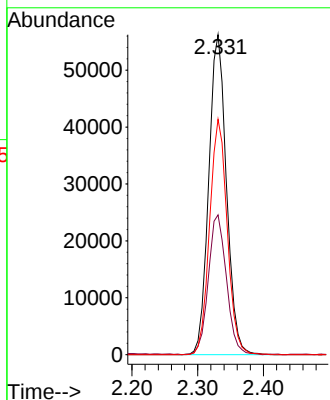
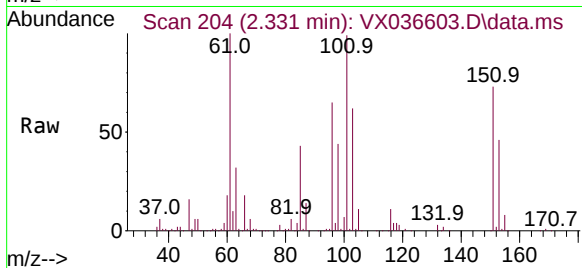
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.455 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036603.D
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Tgt Ion:101 Resp: 105369
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 73.2 58.6 87.8

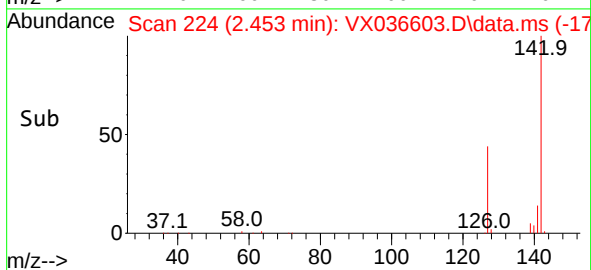
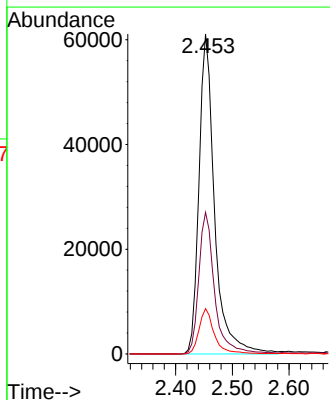
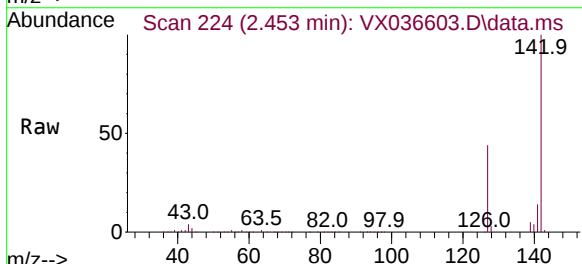
Manual Integrations
APPROVED

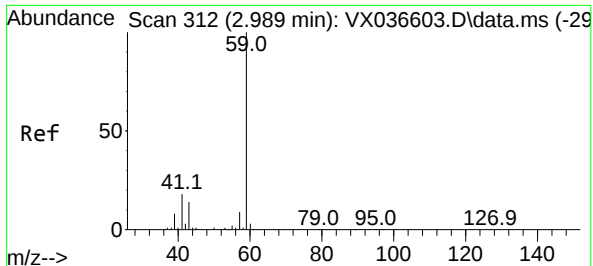
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 46.454 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

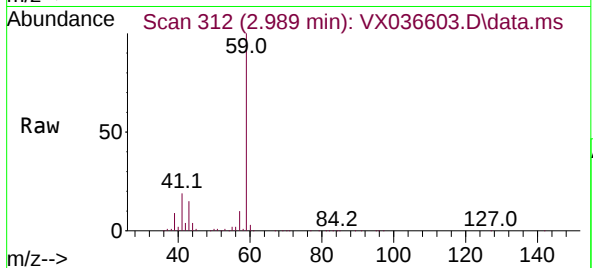
Tgt Ion:142 Resp: 116883
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 311.079 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

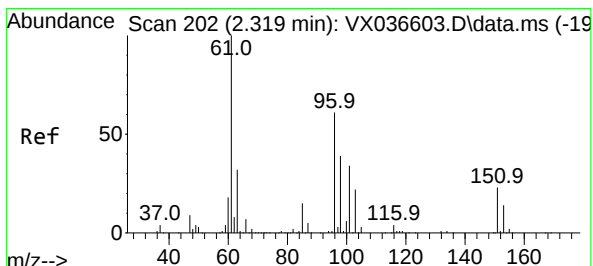
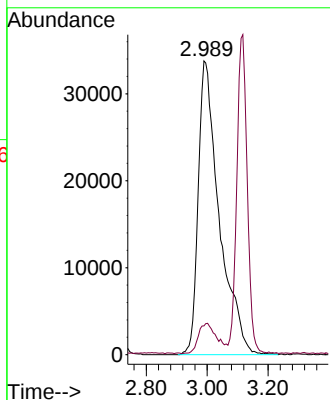
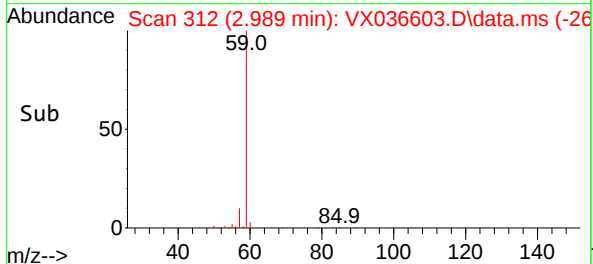
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



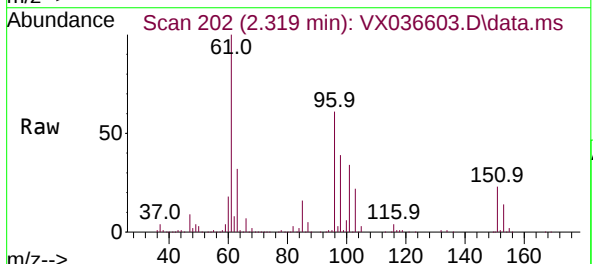
Tgt Ion: 59 Resp: 162302
Ion Ratio Lower Upper
59 100
57 8.8 6.0 9.0

Manual Integrations
APPROVED

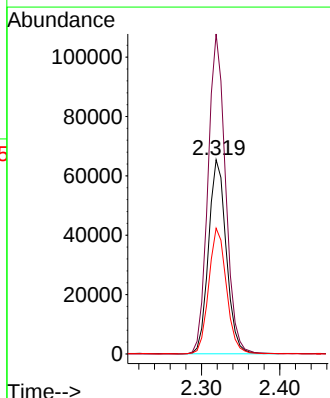
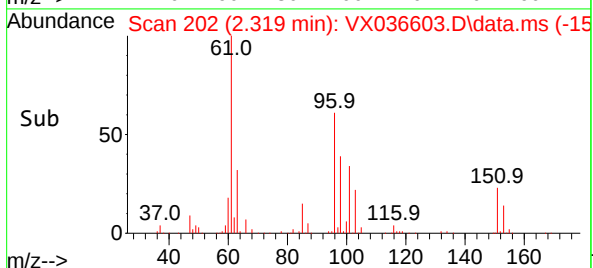
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 48.467 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



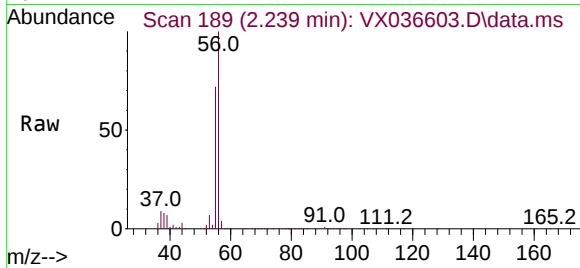
Tgt Ion: 96 Resp: 102436
Ion Ratio Lower Upper
96 100
61 164.9 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 145.718 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

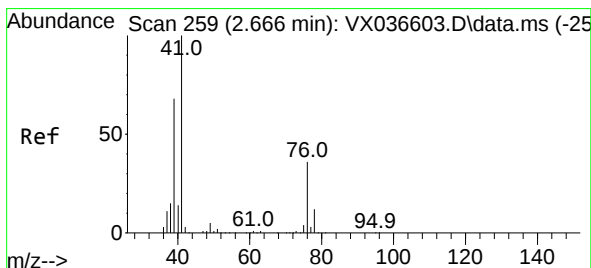
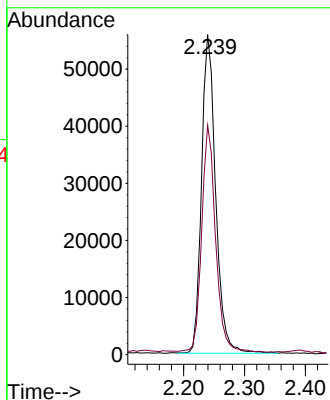
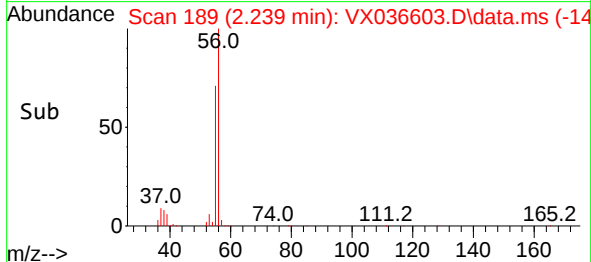
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



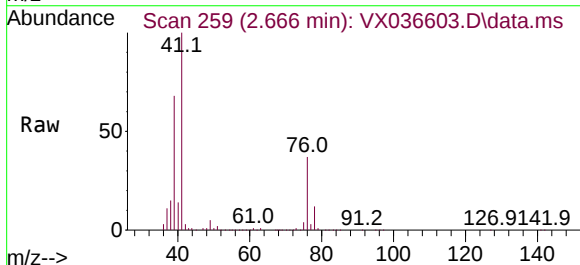
Tgt Ion: 56 Resp: 89968
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

Manual Integrations
APPROVED

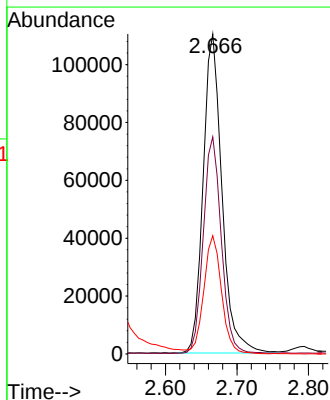
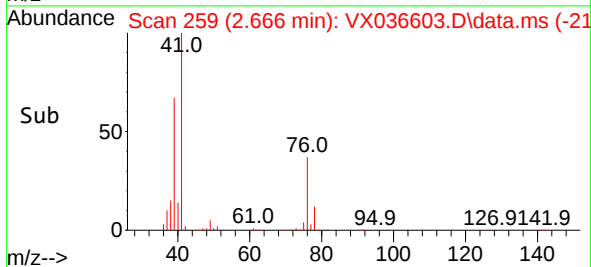
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

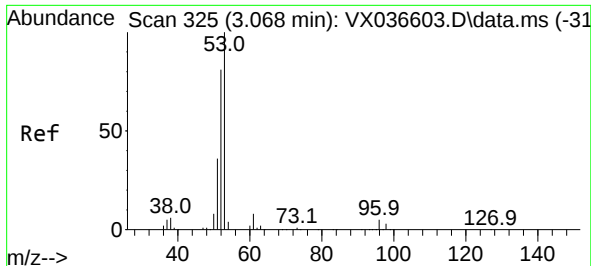


#14
Allyl chloride
Concen: 56.889 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



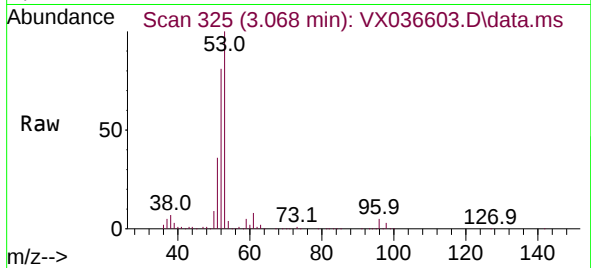
Tgt Ion: 41 Resp: 201701
Ion Ratio Lower Upper
41 100
39 64.9 55.8 83.6
76 34.9 24.3 36.5





#15
Acrylonitrile
Concen: 265.985 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

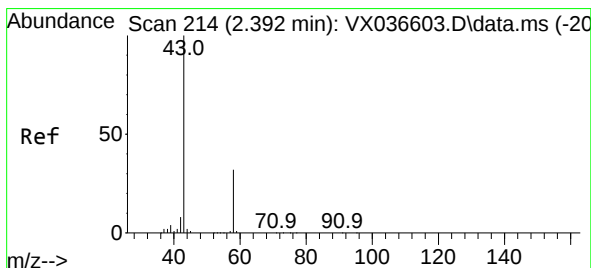
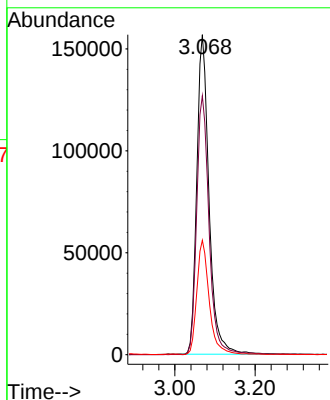
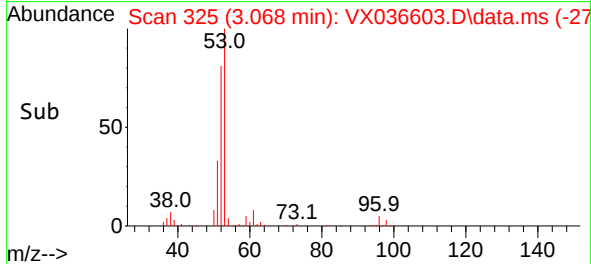
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 33314
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 36.0 29.8 44.6

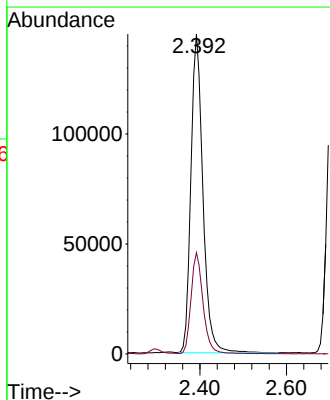
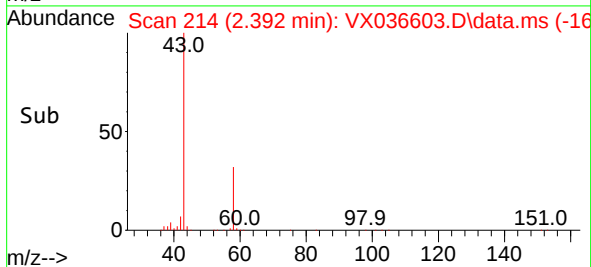
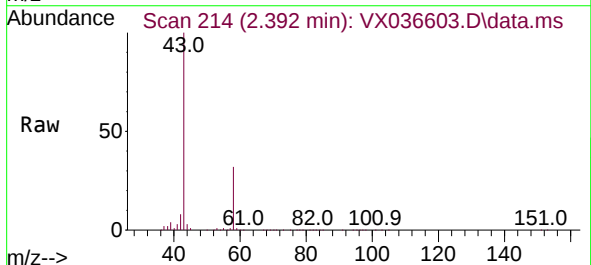
Manual Integrations
APPROVED

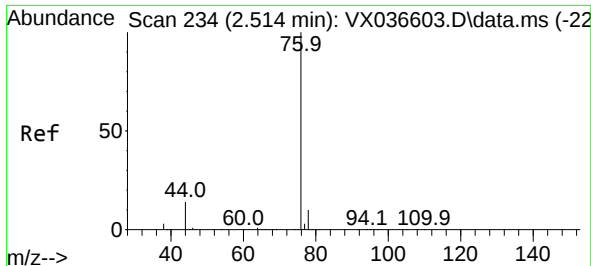
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 241.869 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

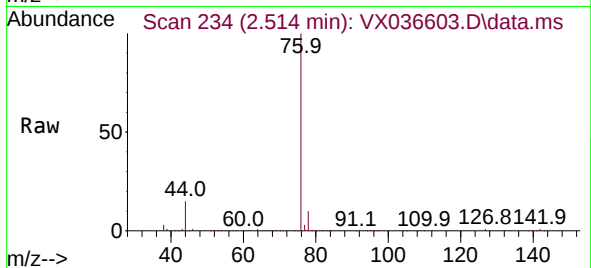
Tgt Ion: 43 Resp: 279057
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9





#17
Carbon Disulfide
Concen: 53.017 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

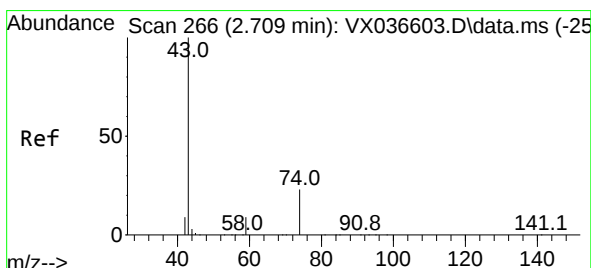
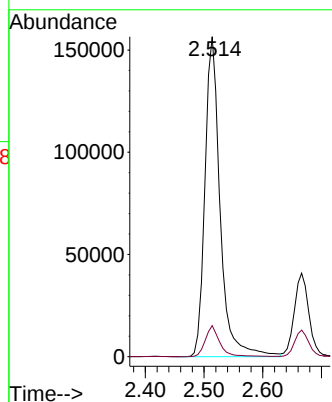
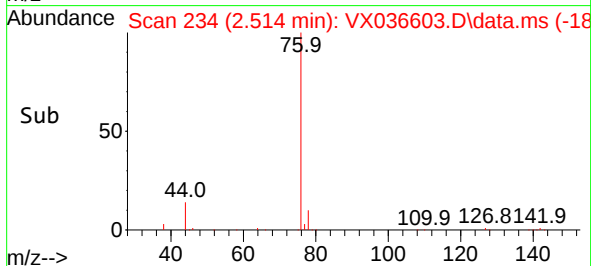
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 281440
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

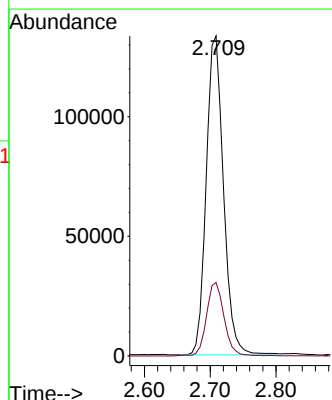
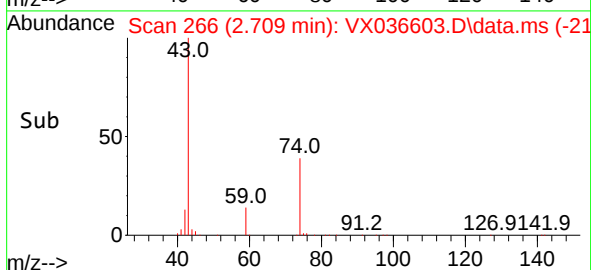
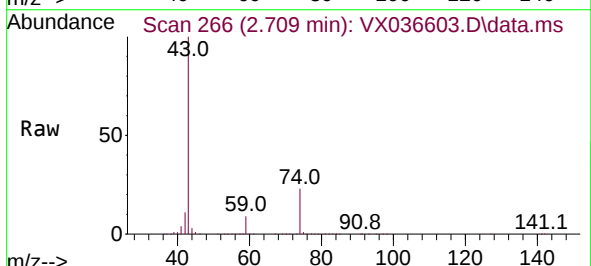
Manual Integrations
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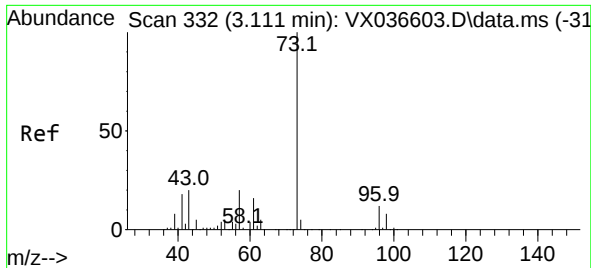
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 51.325 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

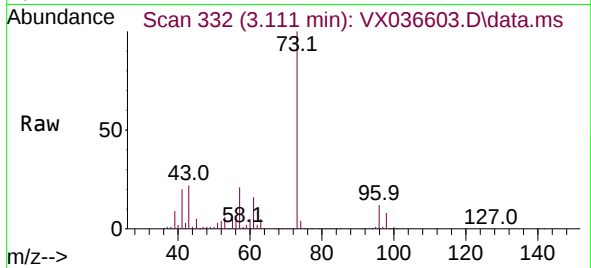
Tgt Ion: 43 Resp: 243526
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 56.265 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

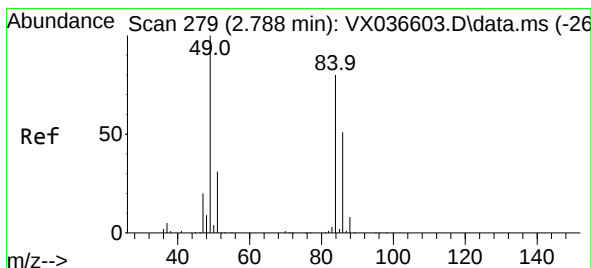
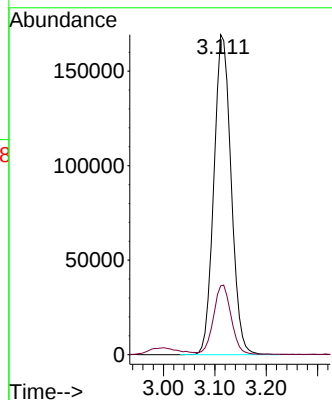
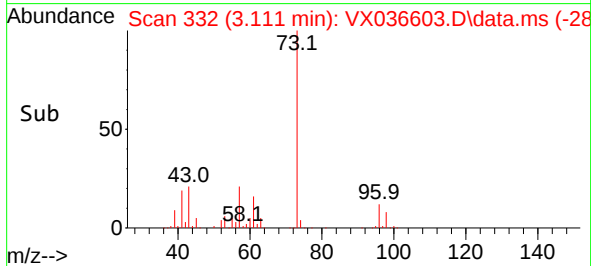
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 394662
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

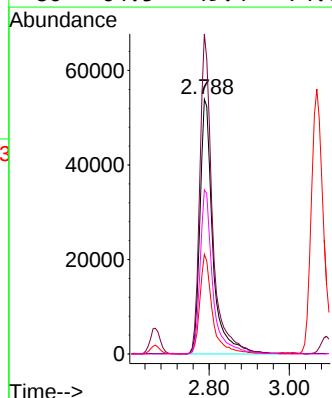
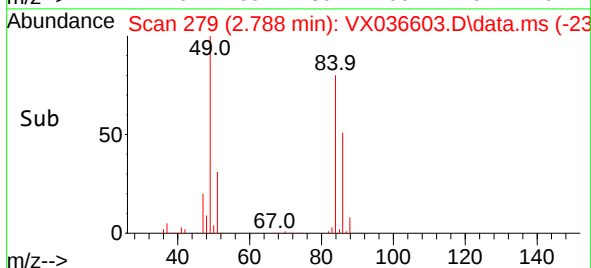
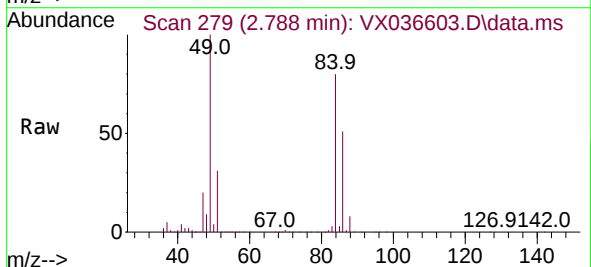
Manual Integrations
APPROVED

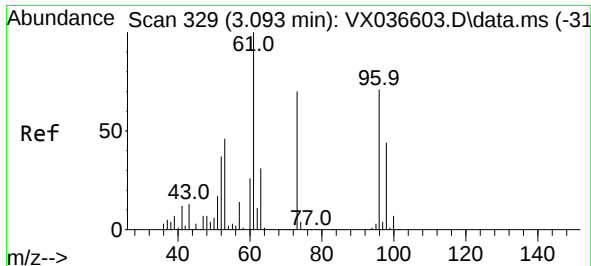
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 48.544 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

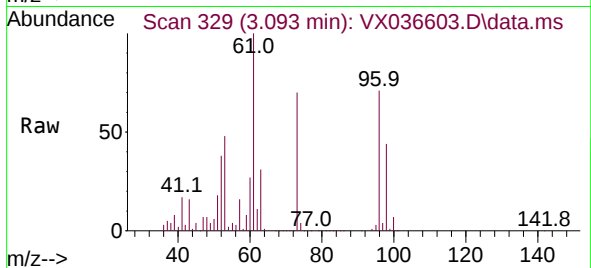
Tgt Ion: 84 Resp: 120129
Ion Ratio Lower Upper
84 100
49 125.7 103.6 155.4
51 39.1 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

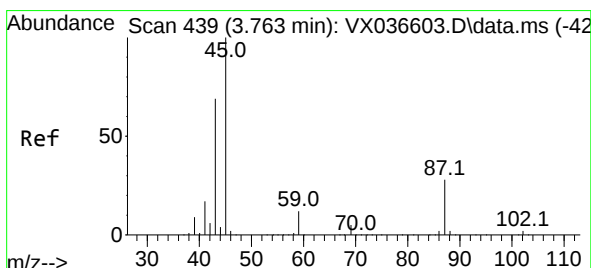
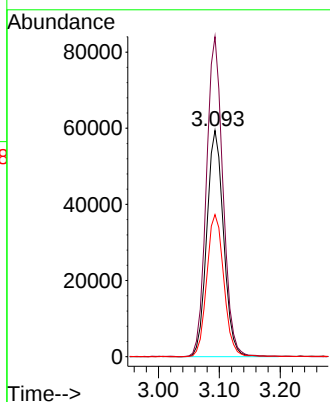
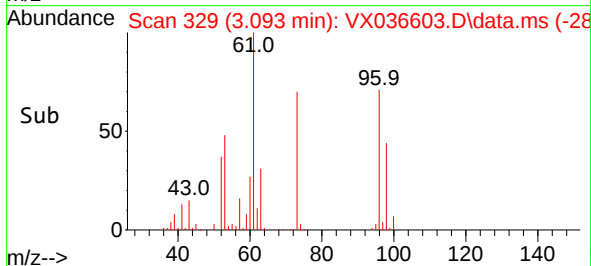
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 113770
Ion Ratio Lower Upper
96 100
61 141.5 119.2 178.8
98 62.8 48.7 73.1

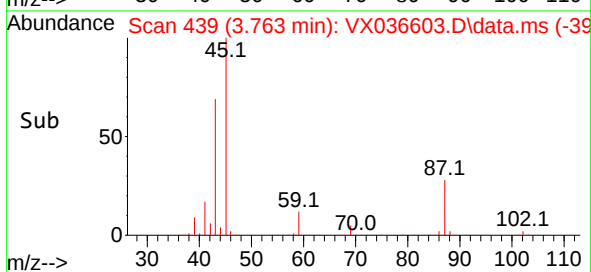
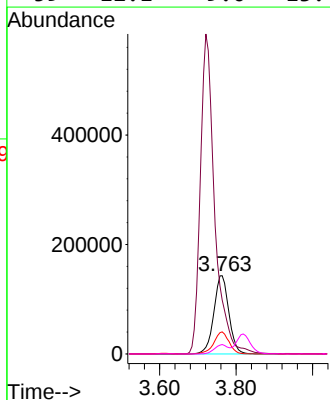
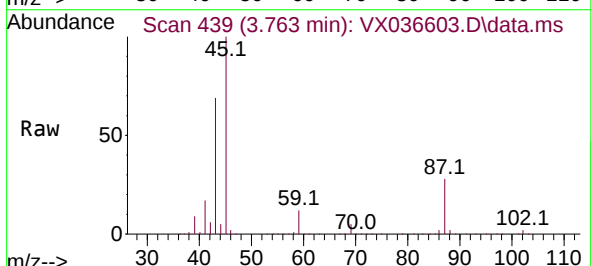
Manual Integrations
APPROVED

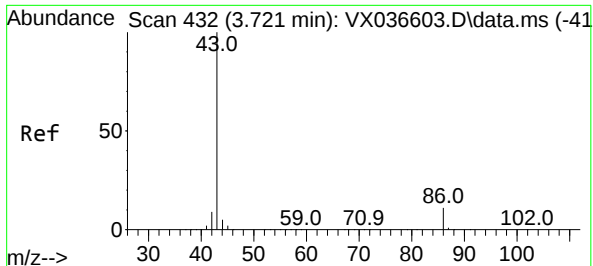
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 55.125 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion: 45 Resp: 388607
Ion Ratio Lower Upper
45 100
43 68.8 69.7 104.5#
87 28.3 20.8 31.2
59 12.1 9.0 13.4





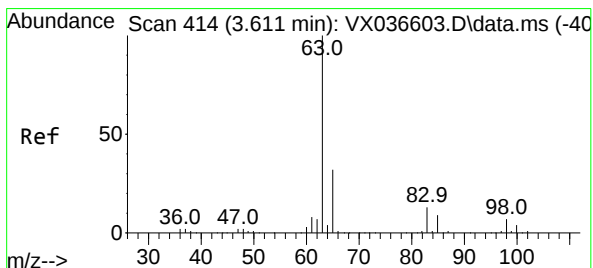
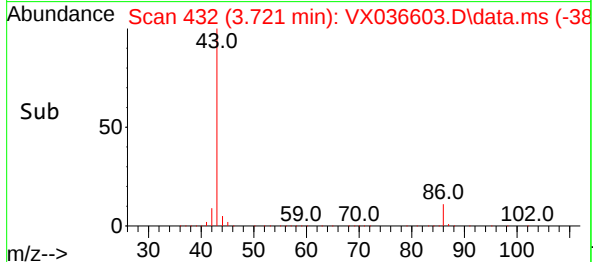
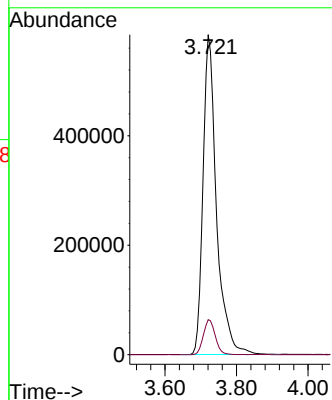
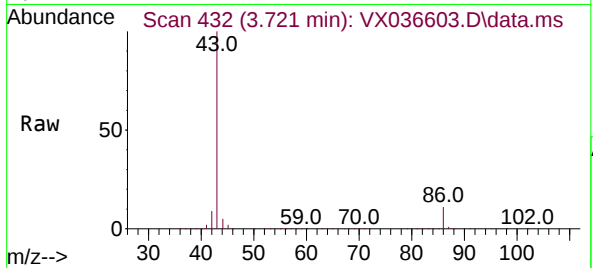
#23
 Vinyl Acetate
 Concen: 295.193 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036603.D
 Acq: 21 Jul 2023 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1526139
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

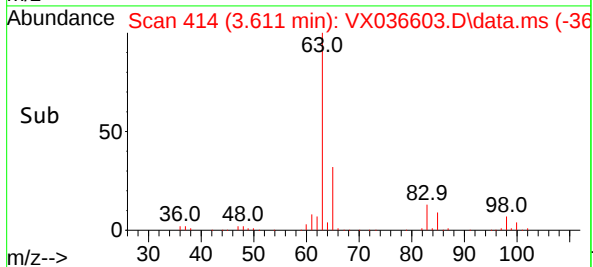
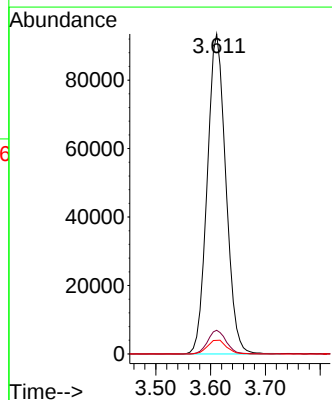
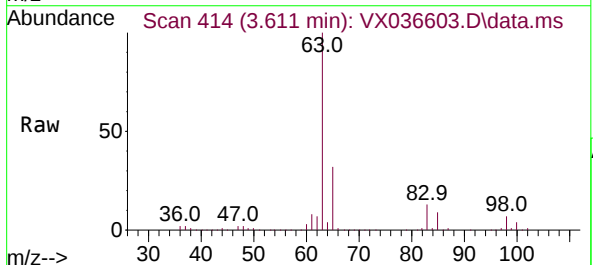
Manual Integrations
 APPROVED

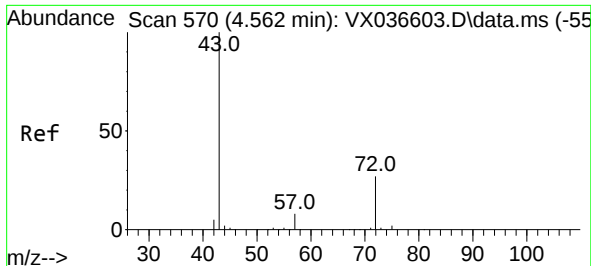
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 53.215 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036603.D
 Acq: 21 Jul 2023 10:57

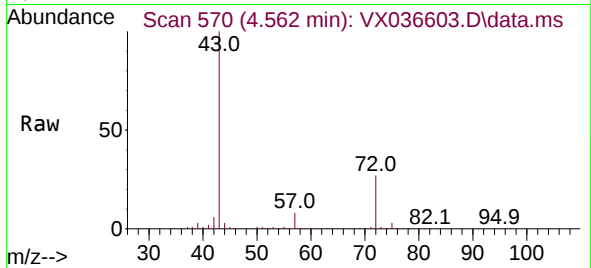
Tgt Ion: 63 Resp: 219569
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 278.674 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

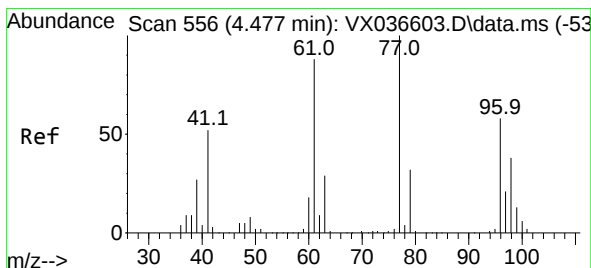
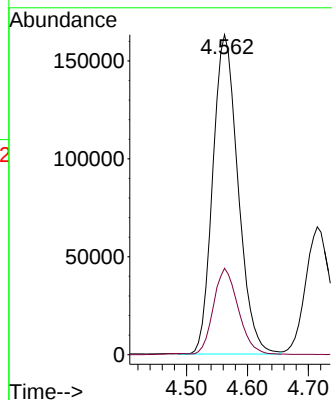
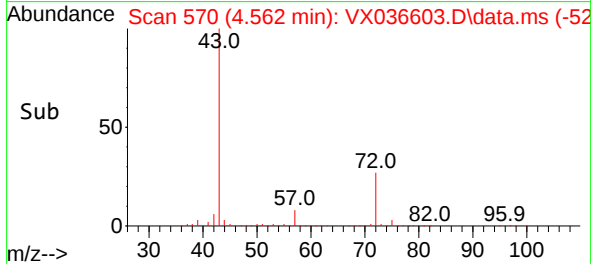
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 469859
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

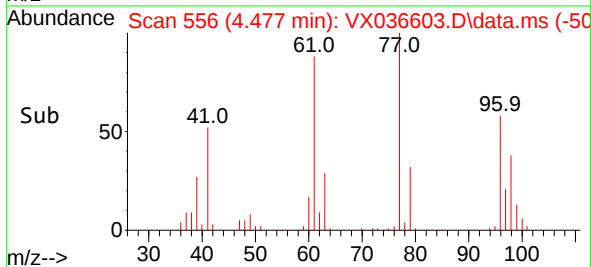
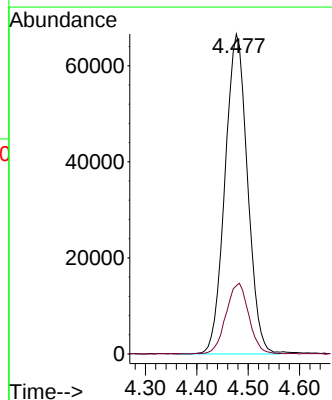
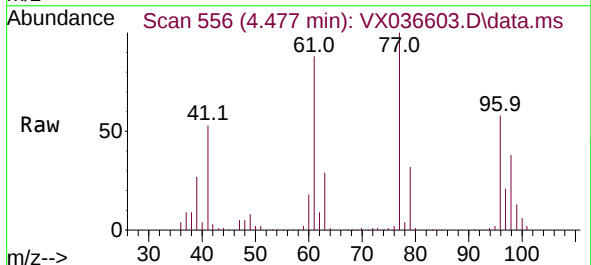
Manual Integrations
APPROVED

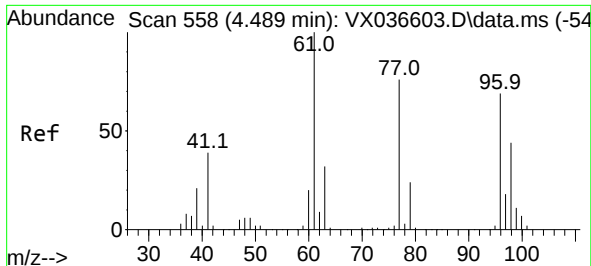
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 65.828 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion: 77 Resp: 203063
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.588 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 13541

Ion Ratio Lower Upper

96 100

61 147.9 0.0 312.2

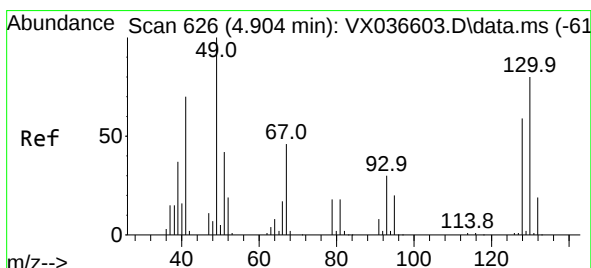
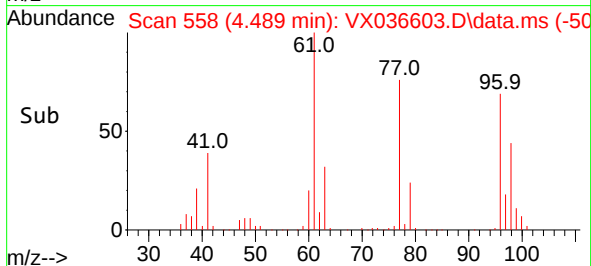
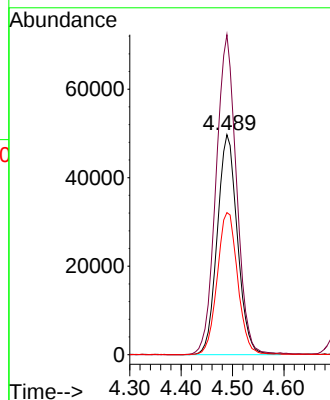
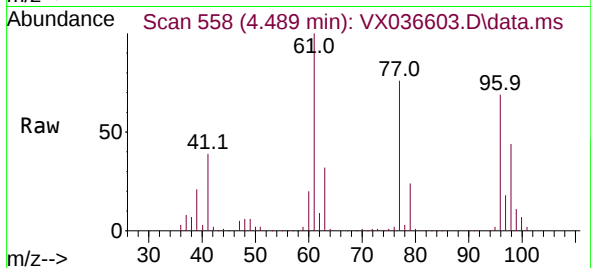
98 65.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 49.925 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

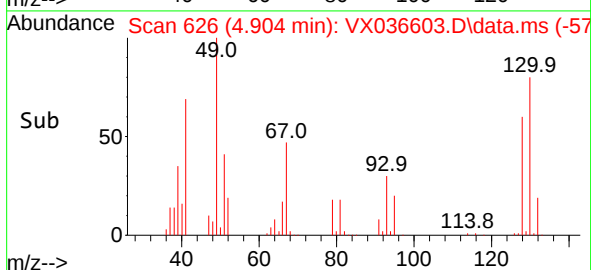
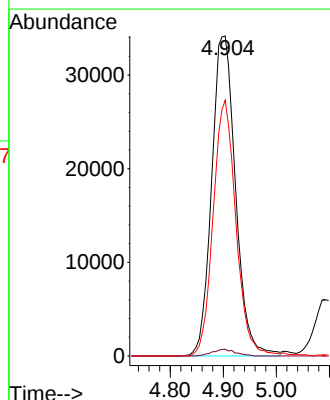
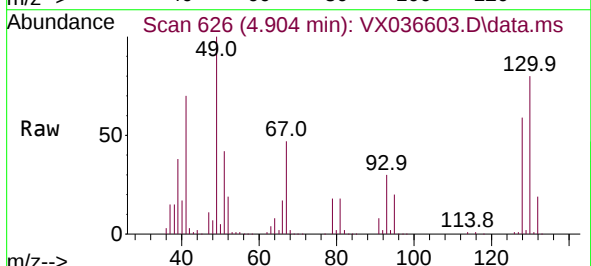
Tgt Ion: 49 Resp: 106906

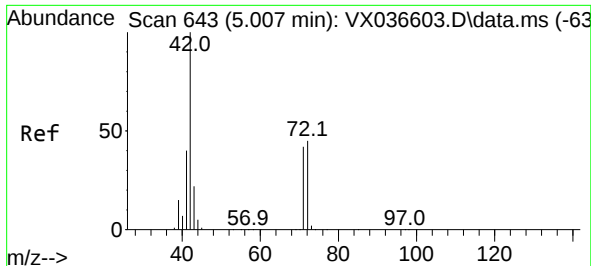
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 76.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 282.651 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 304894

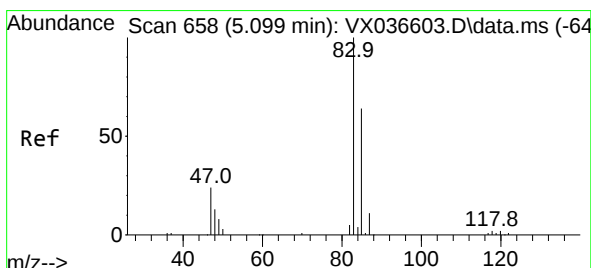
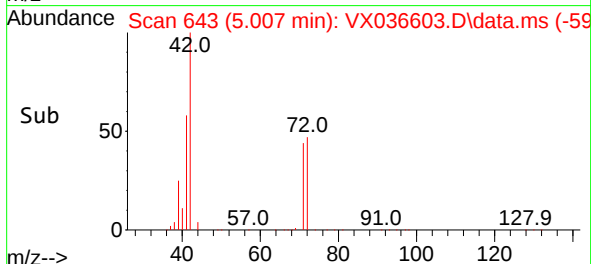
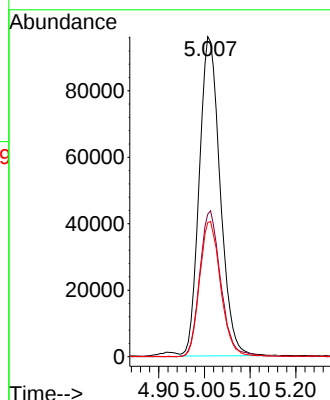
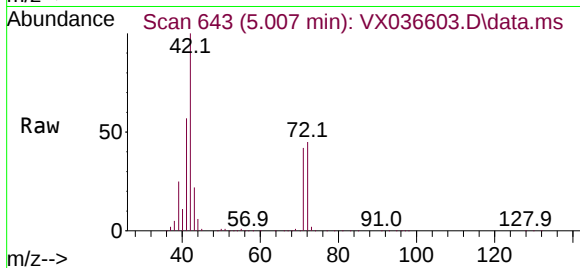
Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.2	51.4
71	42.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 53.155 ug/l

RT: 5.099 min Scan# 658

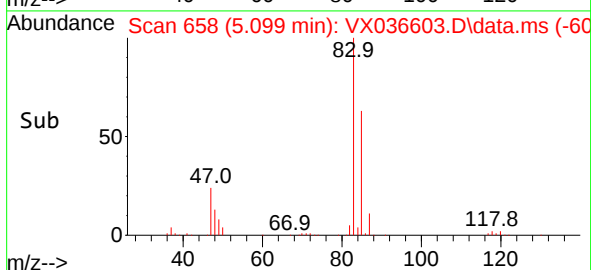
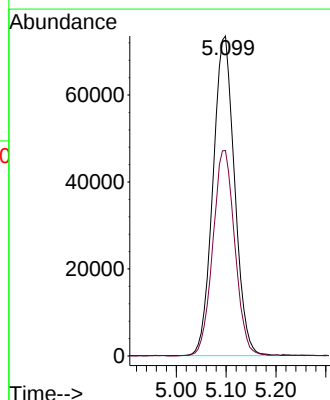
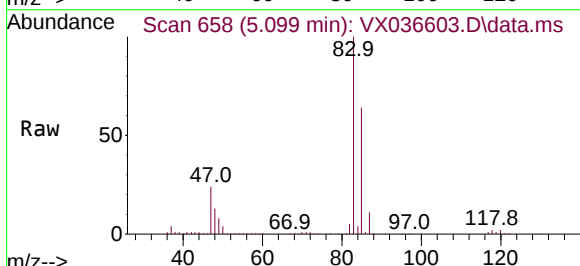
Delta R.T. 0.000 min

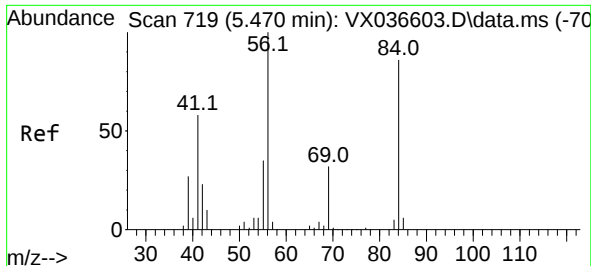
Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Tgt Ion: 83 Resp: 221402

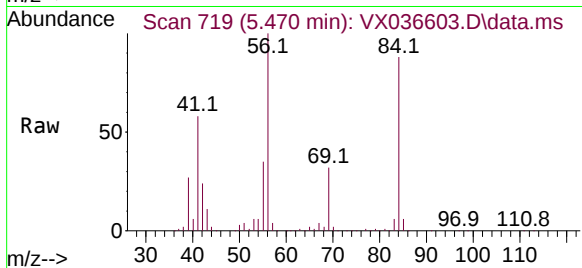
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5





#31
Cyclohexane
Concen: 53.877 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

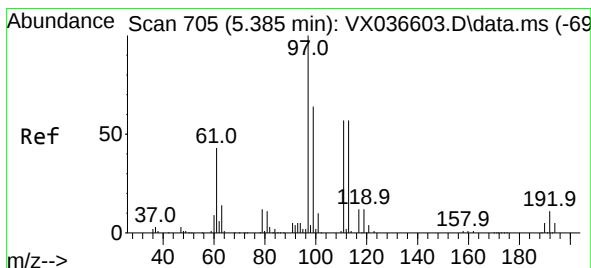
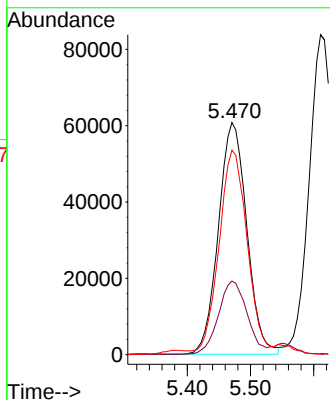
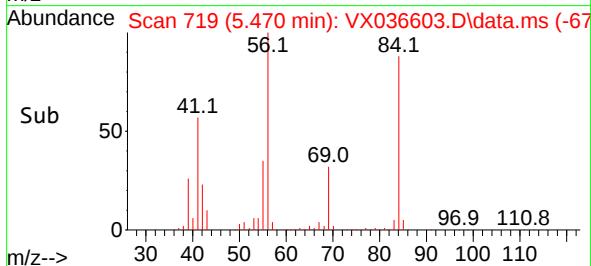
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



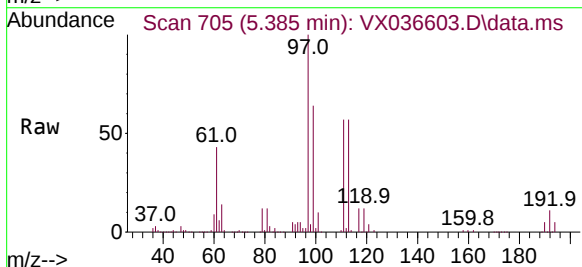
Tgt Ion: 56 Resp: 189298
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 86.3 65.9 98.9

Manual Integrations
APPROVED

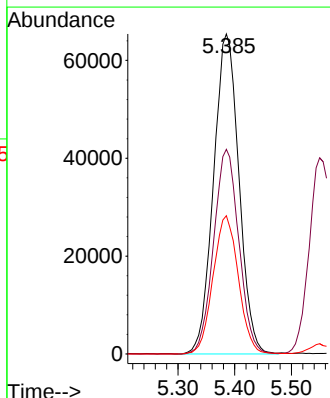
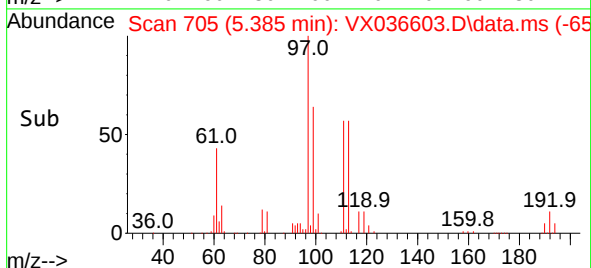
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

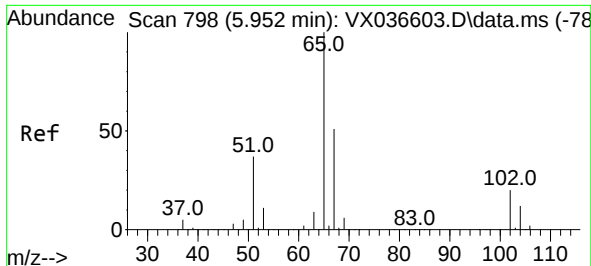


#32
1,1,1-Trichloroethane
Concen: 57.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



Tgt Ion: 97 Resp: 203430
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.2 36.4 54.6





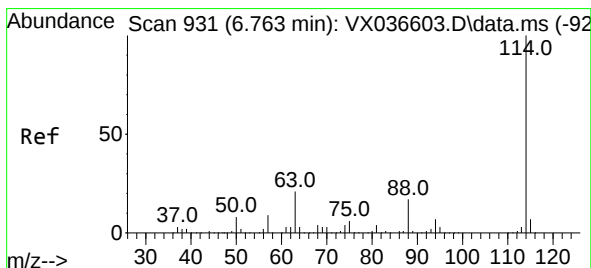
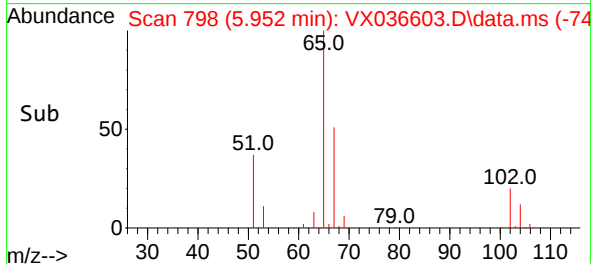
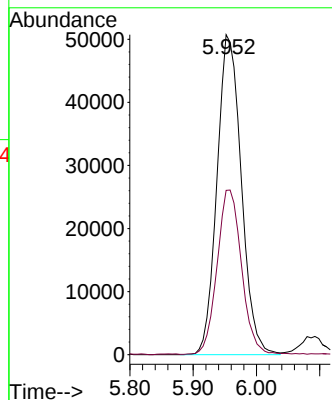
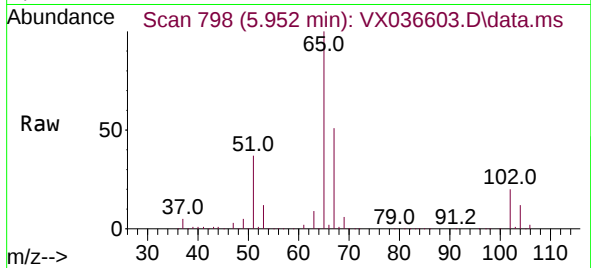
#33
1,2-Dichloroethane-d4
Concen: 50.138 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050

Tgt Ion: 65 Resp: 13513
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

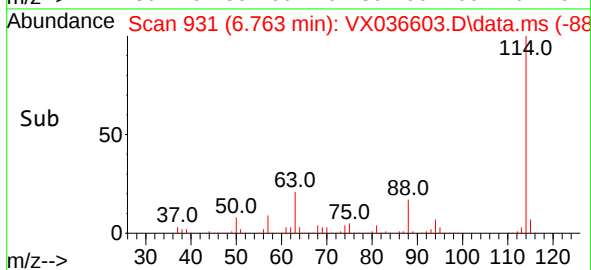
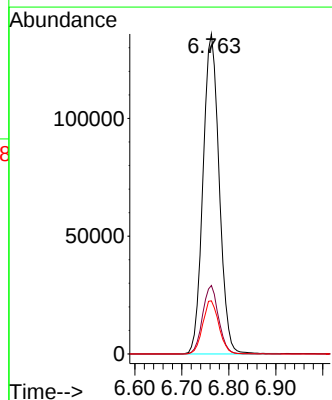
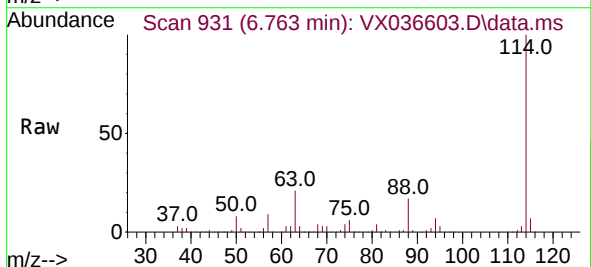
Manual Integrations
APPROVED

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: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion: 114 Resp: 324559
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.365 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 10847

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

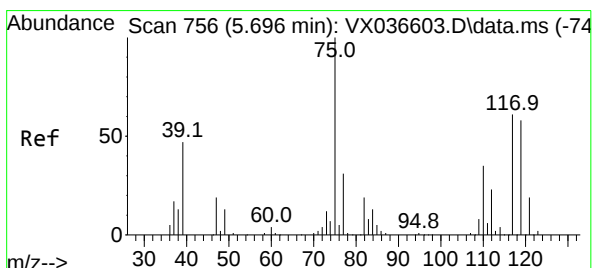
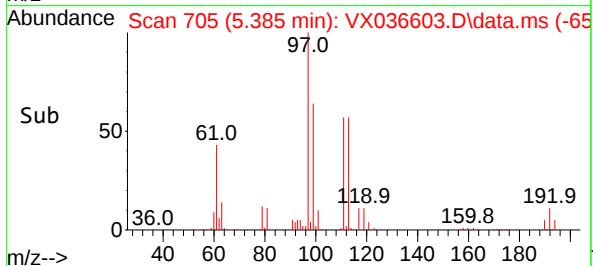
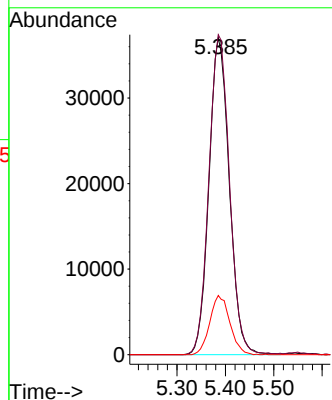
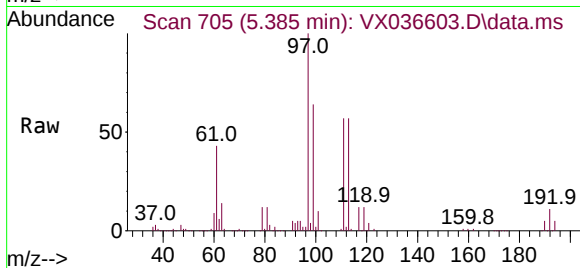
192 18.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#36

1,1-Dichloropropene

Concen: 50.486 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

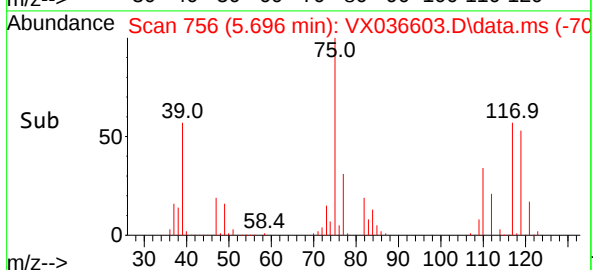
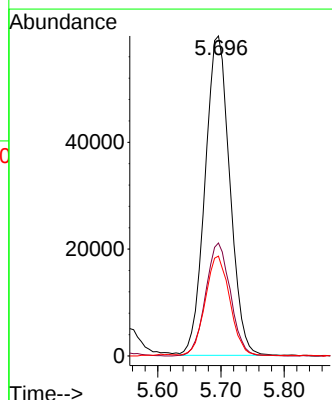
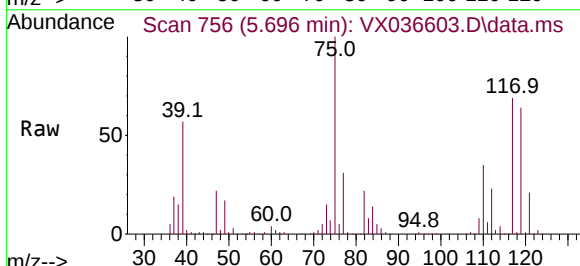
Tgt Ion: 75 Resp: 162512

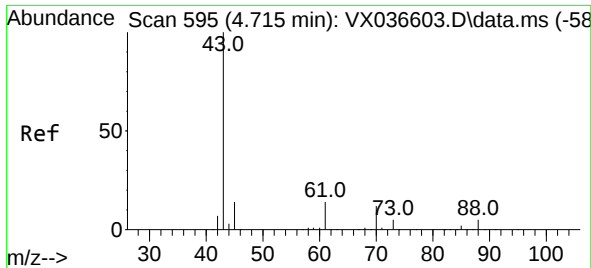
Ion Ratio Lower Upper

75 100

110 35.5 17.0 50.9

77 31.3 24.7 37.1





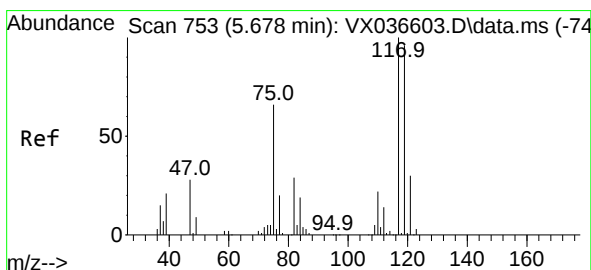
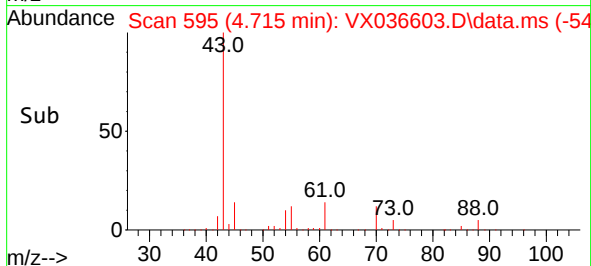
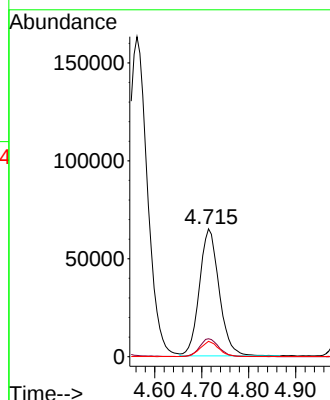
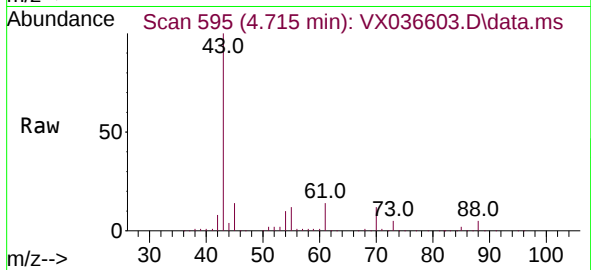
#37
Ethyl Acetate
Concen: 56.565 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 189460
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 11.2 8.3 12.5

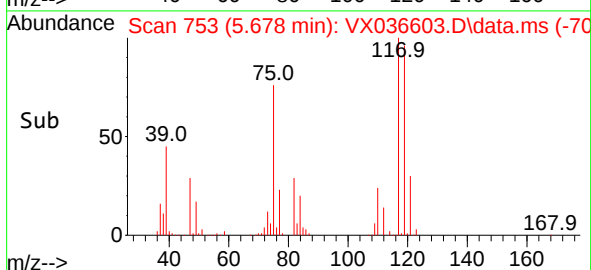
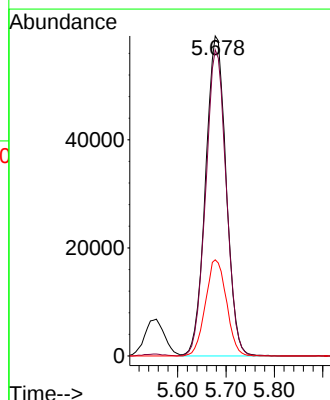
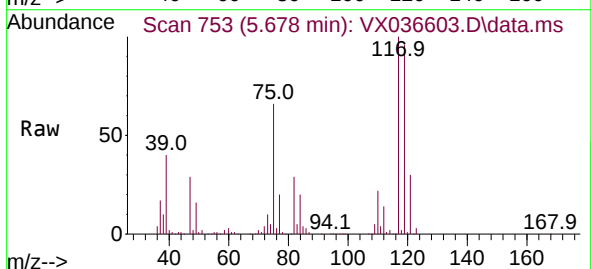
Manual Integrations
APPROVED

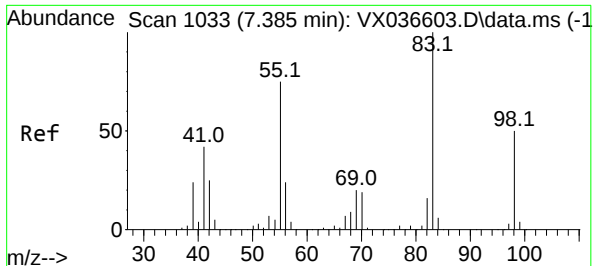
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 58.196 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion:117 Resp: 175060
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 52.844 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 204134

Ion Ratio Lower Upper

83 100

55 74.6 64.6 97.0

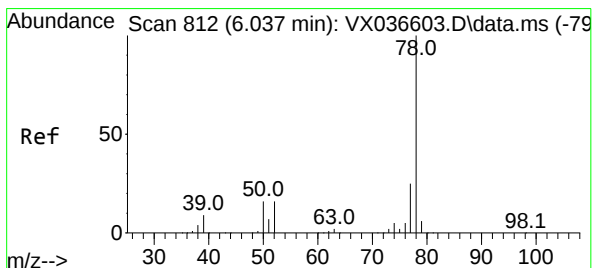
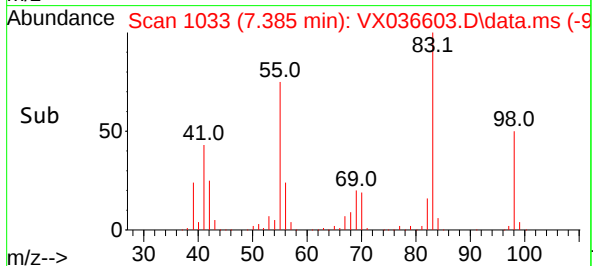
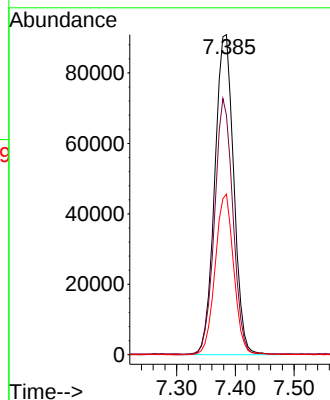
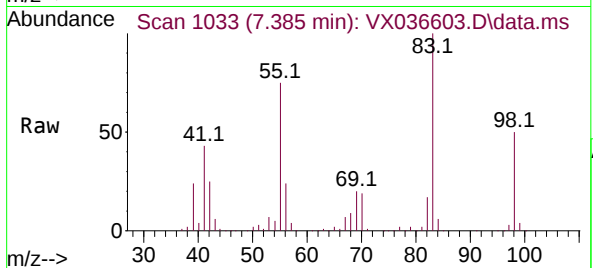
98 50.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 53.311 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036603.D

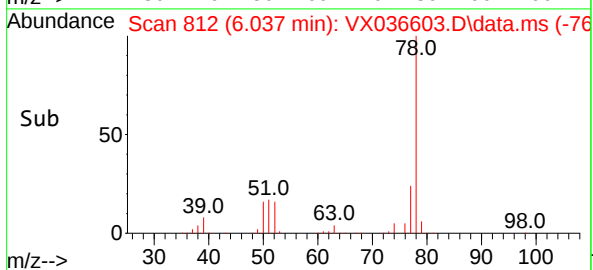
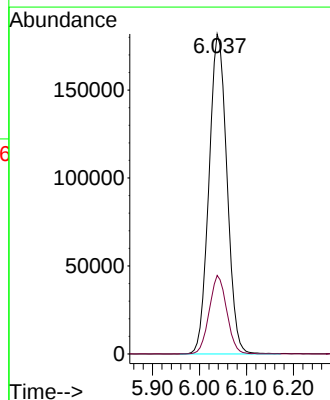
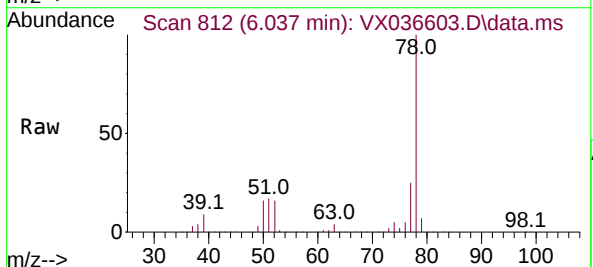
Acq: 21 Jul 2023 10:57

Tgt Ion: 78 Resp: 482428

Ion Ratio Lower Upper

78 100

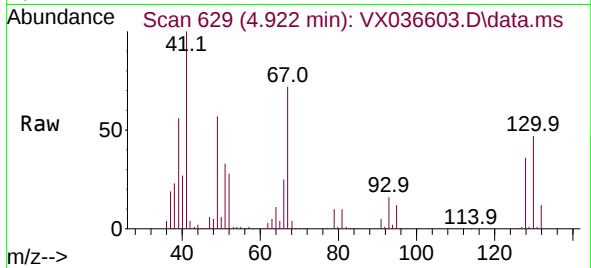
77 24.5 19.3 28.9





#41
Methacrylonitrile
Concen: 55.456 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

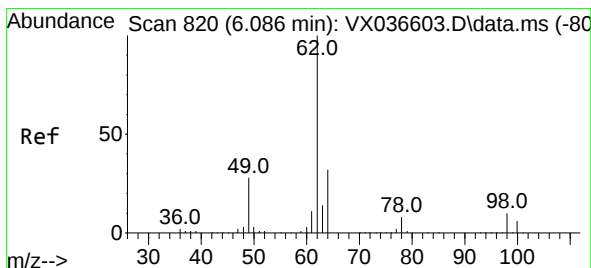
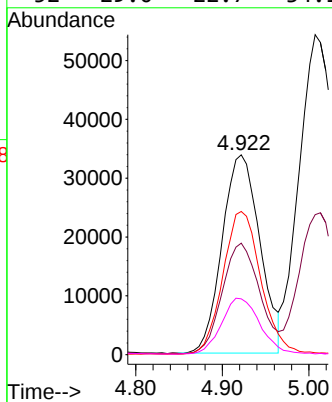
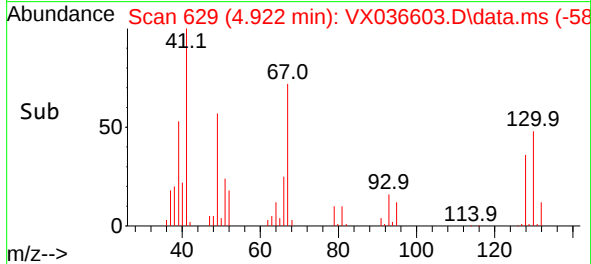
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 10234
Ion Ratio Lower Upper
41 100
39 55.0 45.2 67.8
67 72.8 52.6 78.8
52 29.0 22.7 34.1

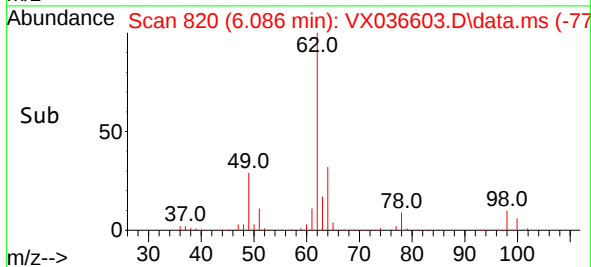
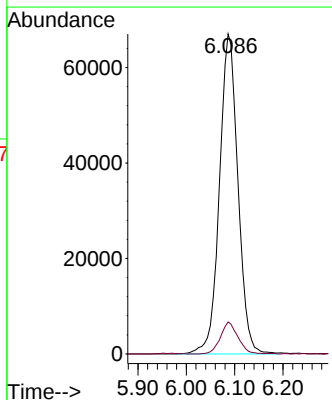
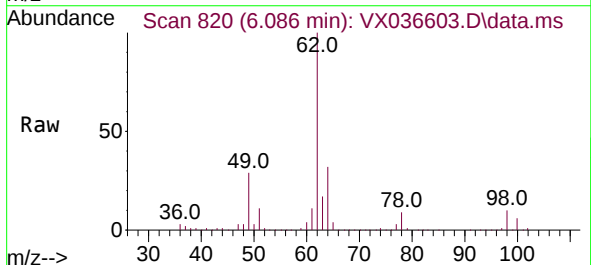
Manual Integrations
APPROVED

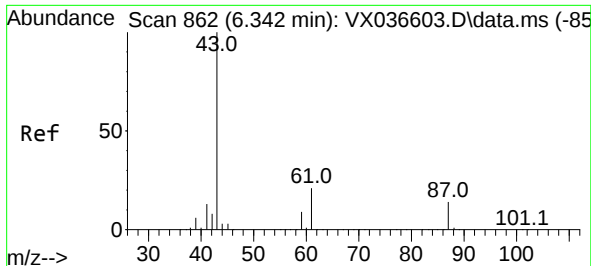
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 52.121 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion: 62 Resp: 178228
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 59.453 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 32071

Ion Ratio Lower Upper

43 100

61 20.6 15.2 22.8

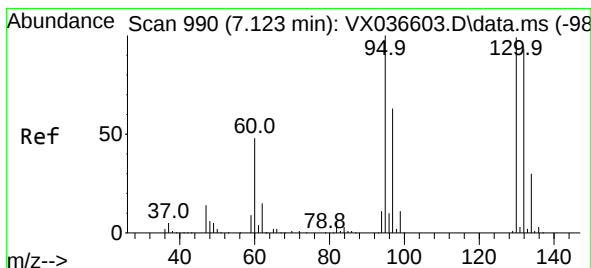
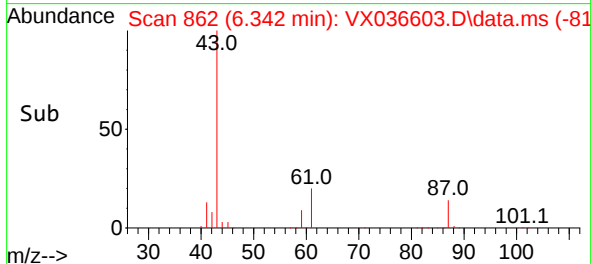
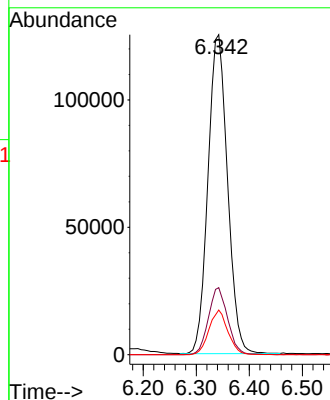
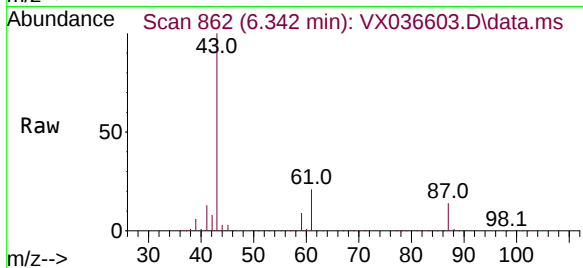
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#44

Trichloroethene

Concen: 50.367 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036603.D

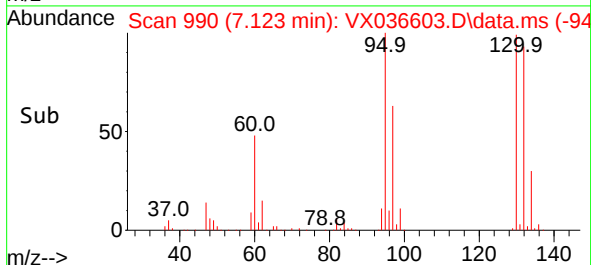
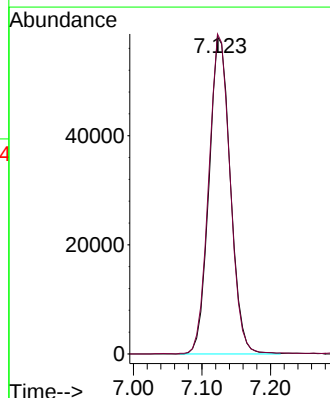
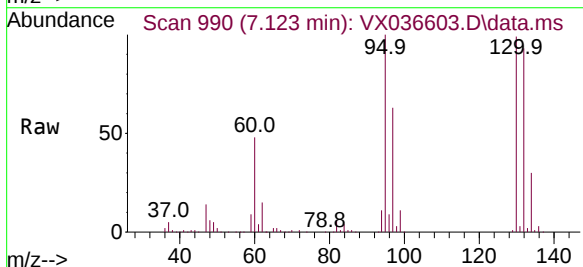
Acq: 21 Jul 2023 10:57

Tgt Ion:130 Resp: 125670

Ion Ratio Lower Upper

130 100

95 100.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.356 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 128360

Ion Ratio Lower Upper

63 100

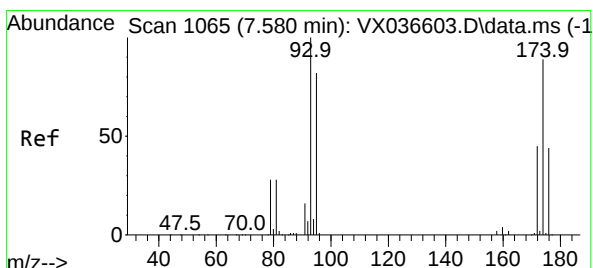
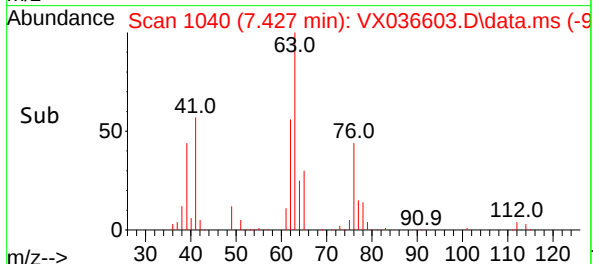
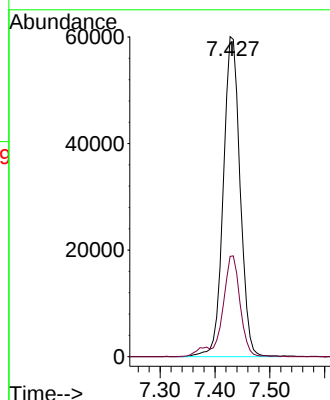
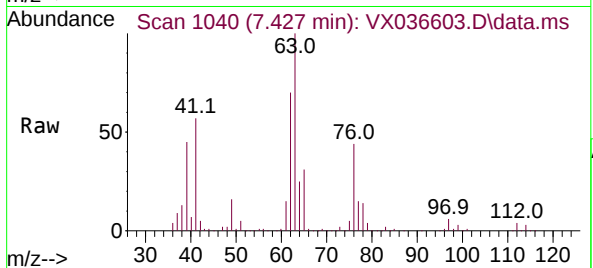
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 52.070 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

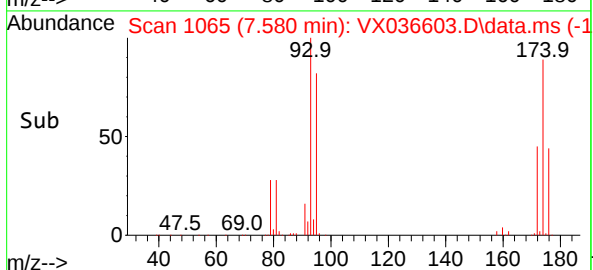
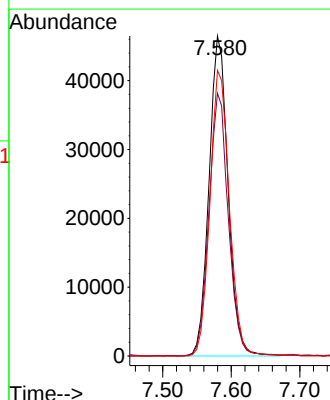
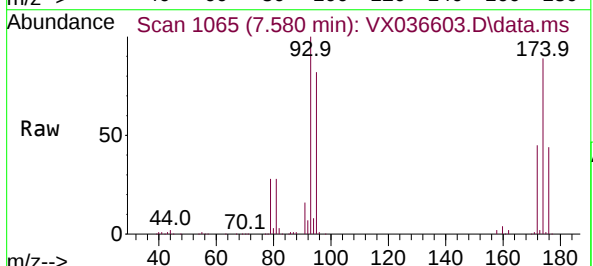
Tgt Ion: 93 Resp: 90018

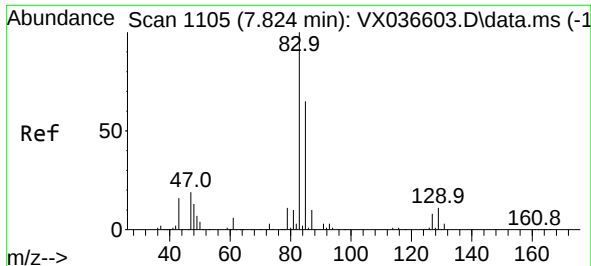
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

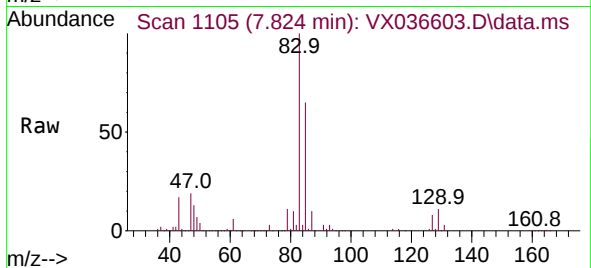
174 91.0 69.4 104.0





#47
Bromodichloromethane
Concen: 58.268 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

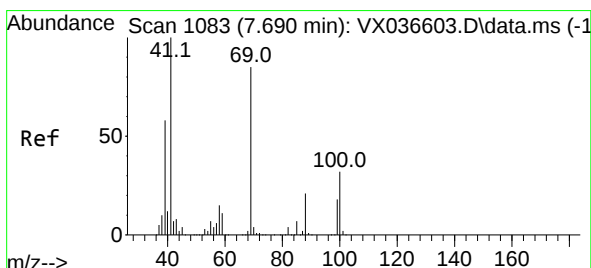
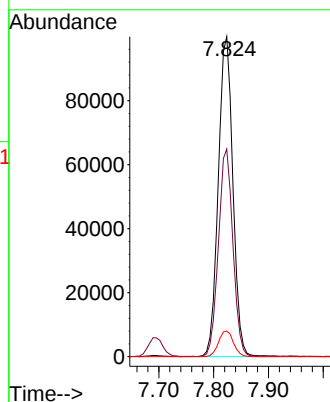
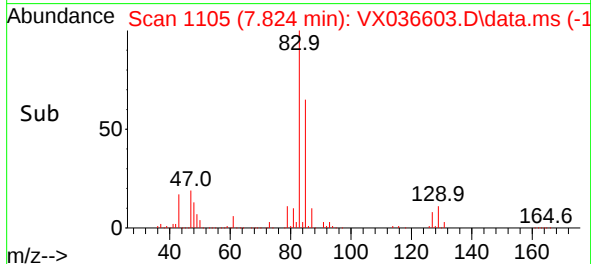
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 18518
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.0 7.1 10.7

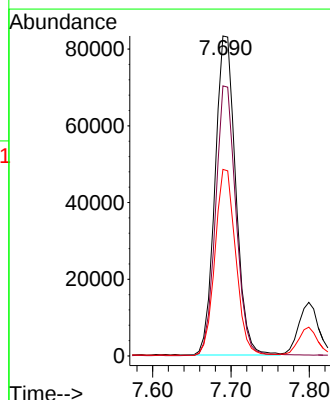
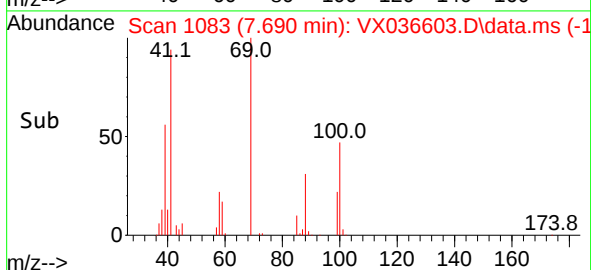
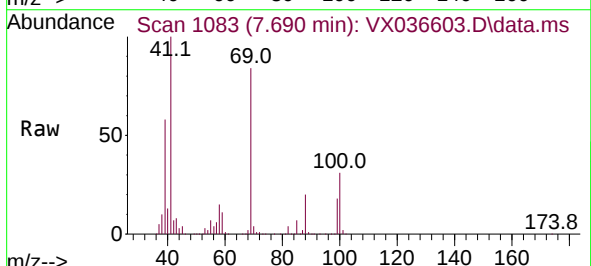
Manual Integrations
APPROVED

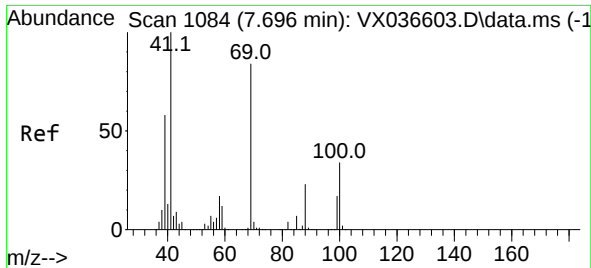
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 57.389 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

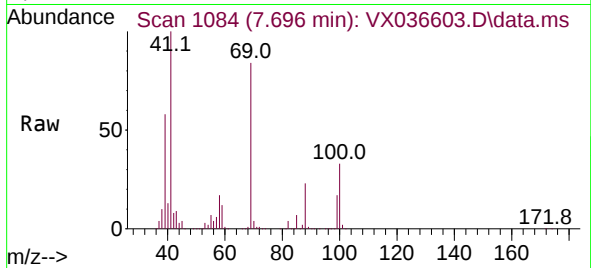
Tgt Ion: 41 Resp: 152871
Ion Ratio Lower Upper
41 100
69 83.5 59.2 88.8
39 58.4 47.7 71.5





#49
1,4-Dioxane
Concen: 1046.405 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

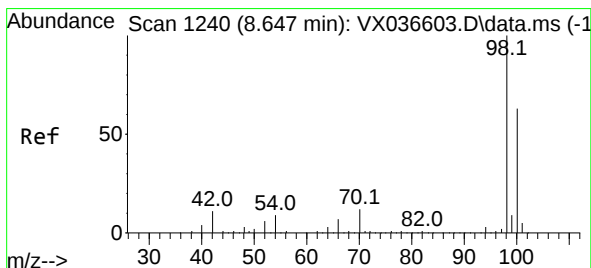
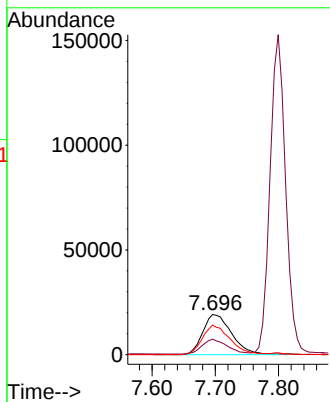
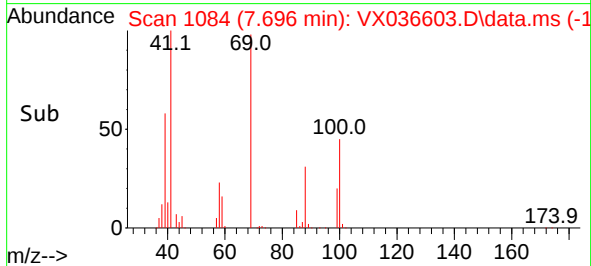
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 60689
Ion Ratio Lower Upper
88 100
43 32.8 0.0 0.0
58 70.4 60.1 90.1

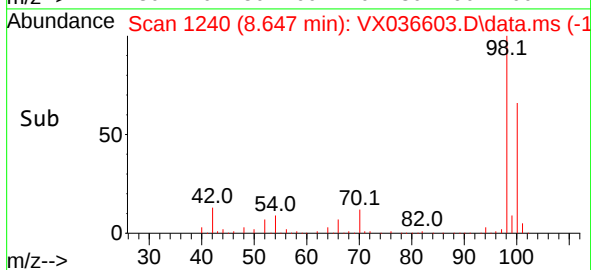
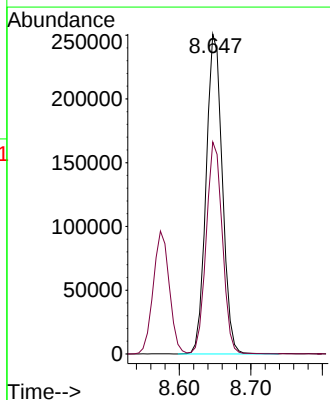
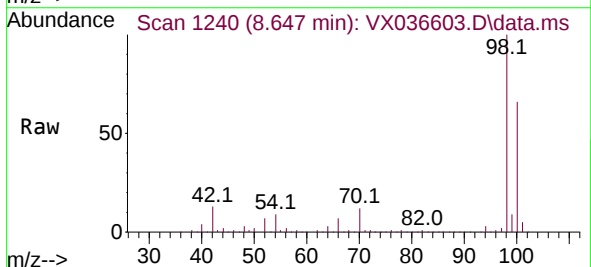
Manual Integrations
APPROVED

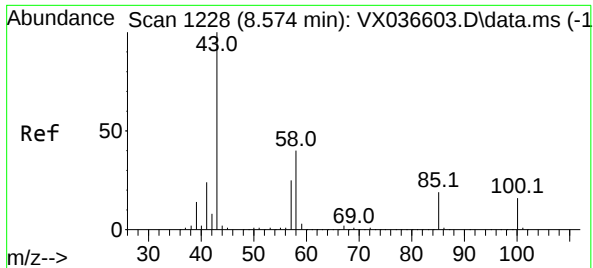
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#50
Toluene-d8
Concen: 49.534 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion: 98 Resp: 394700
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





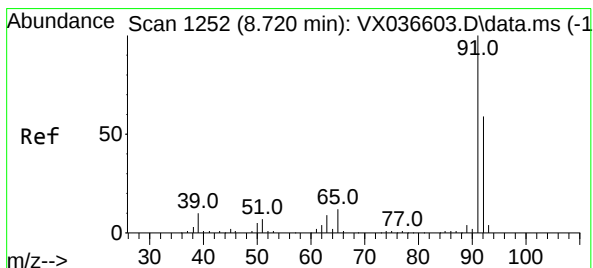
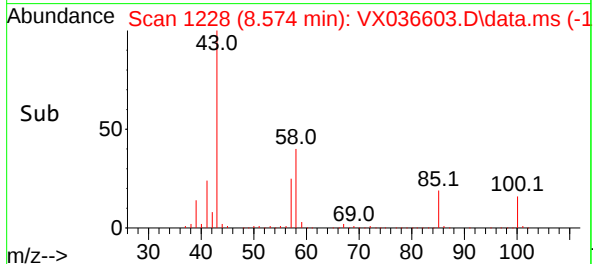
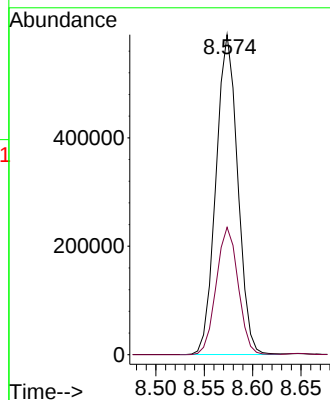
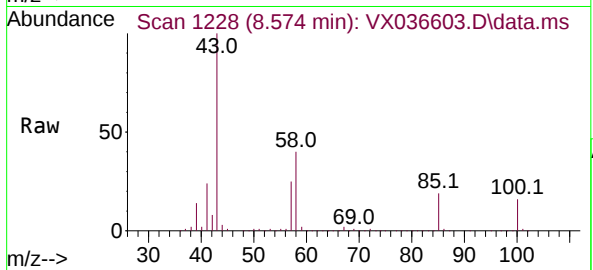
#51
4-Methyl-2-Pentanone
Concen: 271.425 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 92167
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

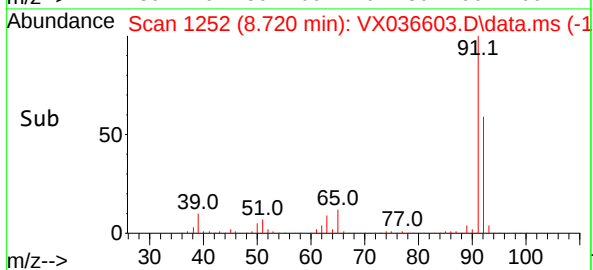
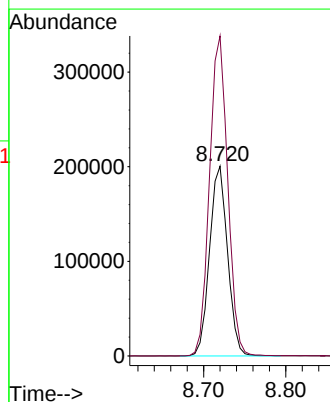
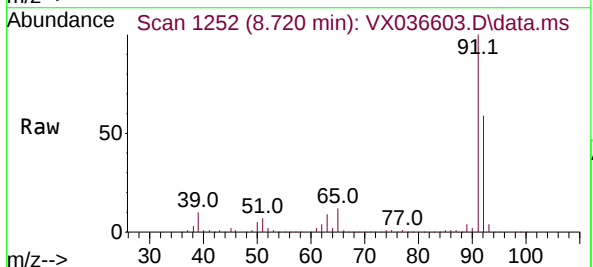
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 53.198 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

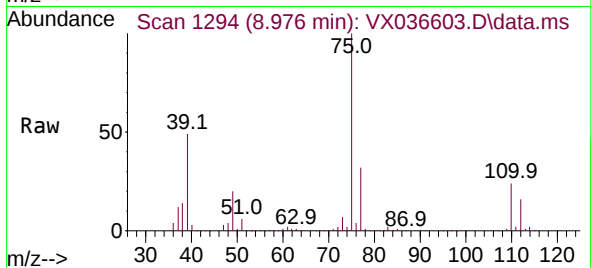
Tgt Ion: 92 Resp: 304837
Ion Ratio Lower Upper
92 100
91 170.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 65.130 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

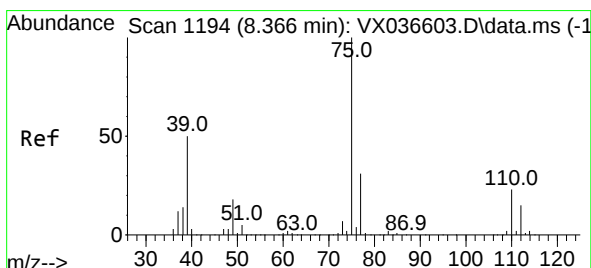
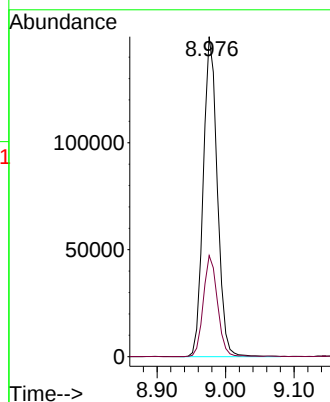
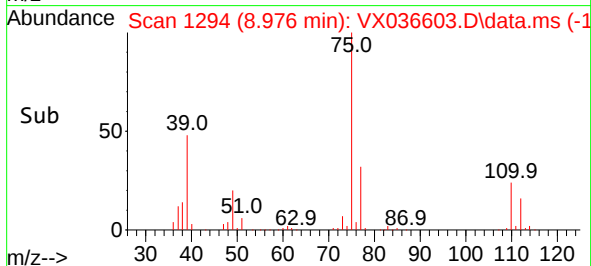
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



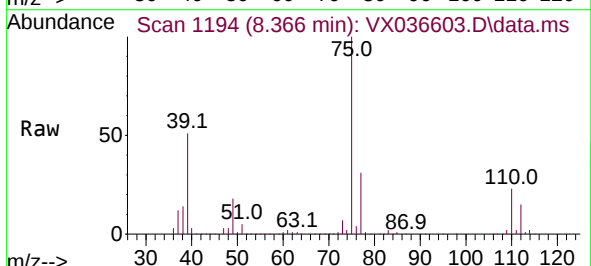
Tgt Ion: 75 Resp: 214128
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

Manual Integrations
APPROVED

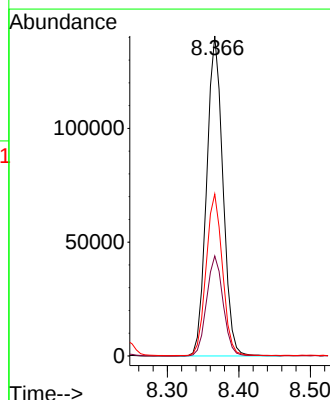
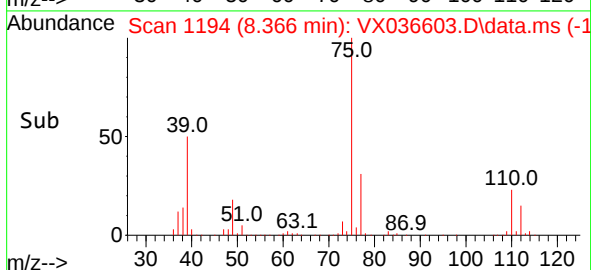
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

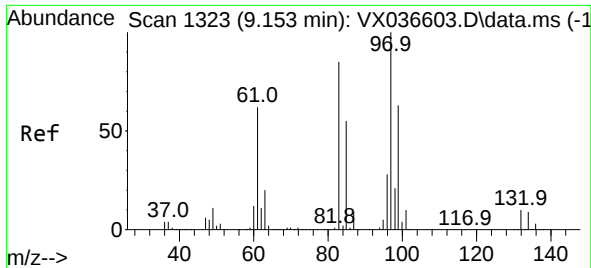


#54
cis-1,3-Dichloropropene
Concen: 60.803 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



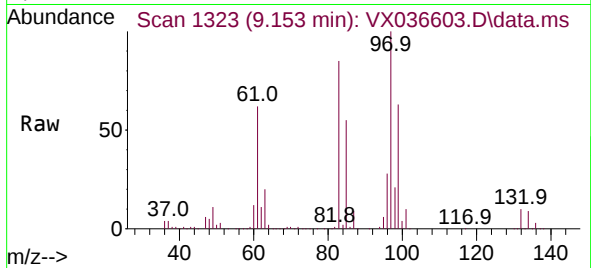
Tgt Ion: 75 Resp: 222179
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 50.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.146 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

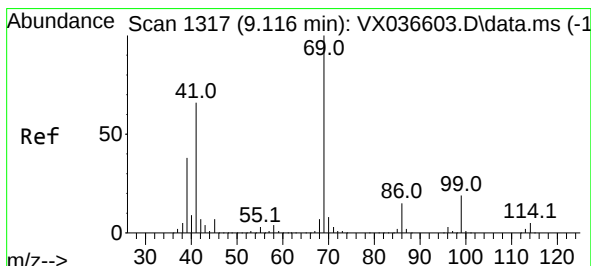
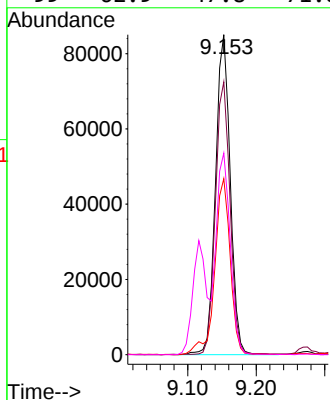
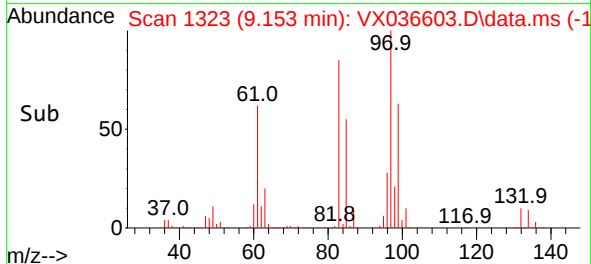
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



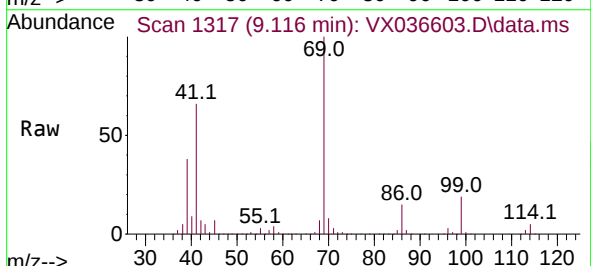
Tgt Ion: 97 Resp: 126340
Ion Ratio Lower Upper
97 100
83 85.2 65.8 98.8
85 55.0 41.6 62.4
99 62.9 47.8 71.8

Manual Integrations
APPROVED

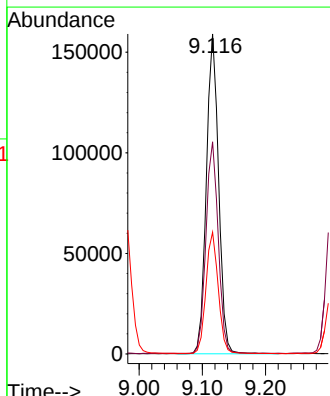
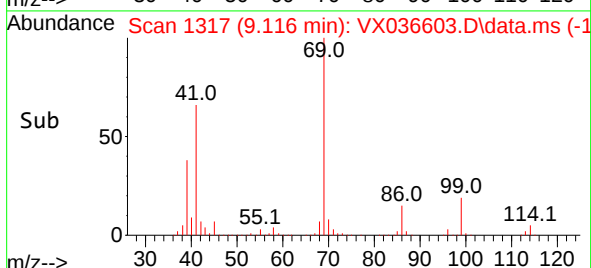
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

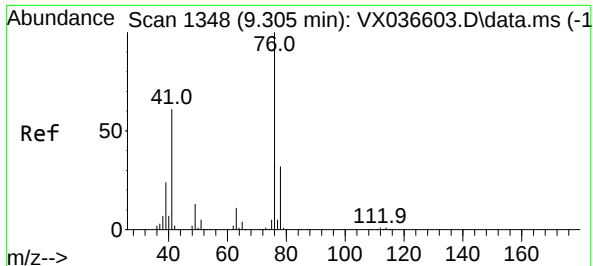


#56
Ethyl methacrylate
Concen: 59.001 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



Tgt Ion: 69 Resp: 214148
Ion Ratio Lower Upper
69 100
41 66.8 56.8 85.2
39 38.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.976 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 216260

Ion Ratio Lower Upper

76 100

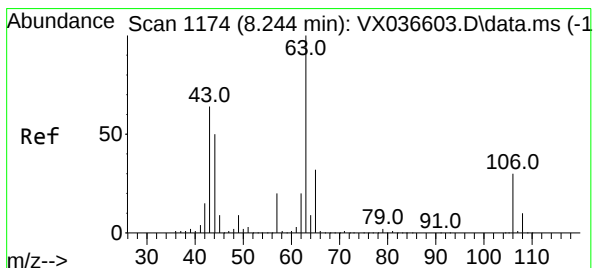
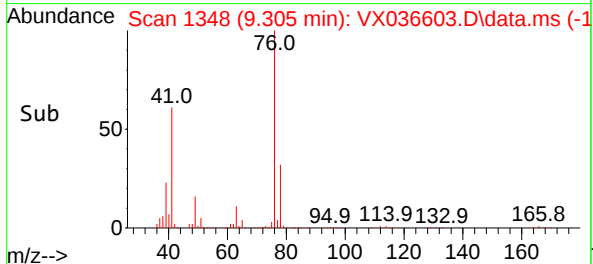
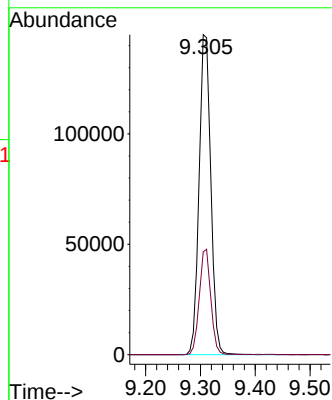
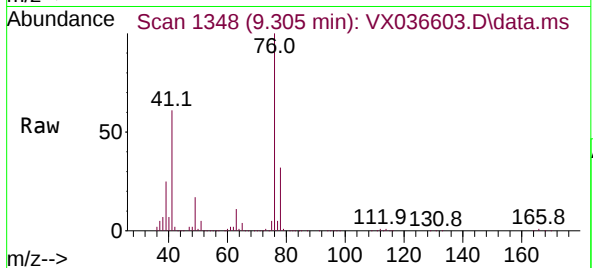
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.621 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036603.D

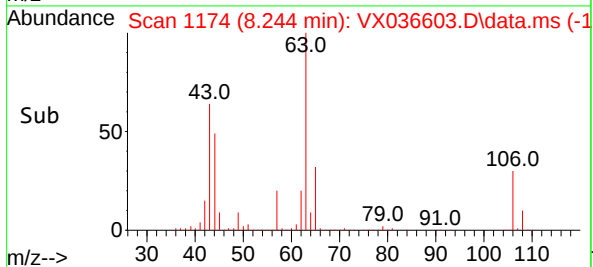
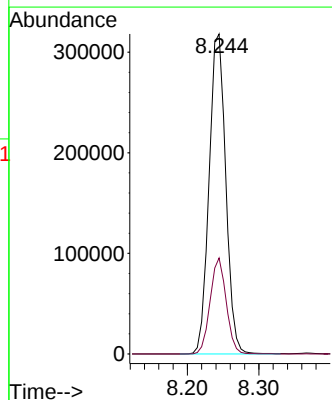
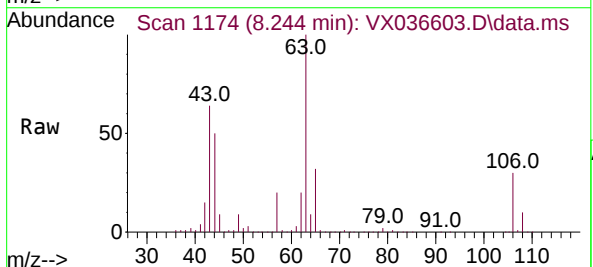
Acq: 21 Jul 2023 10:57

Tgt Ion: 63 Resp: 515088

Ion Ratio Lower Upper

63 100

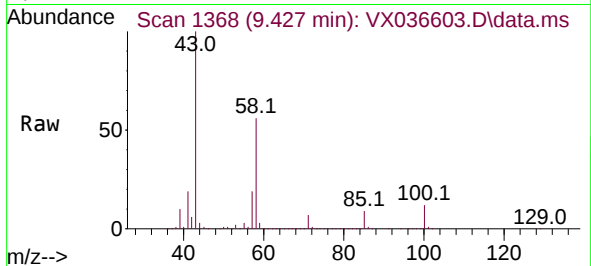
106 28.9 22.5 33.7





#59
2-Hexanone
Concen: 275.572 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

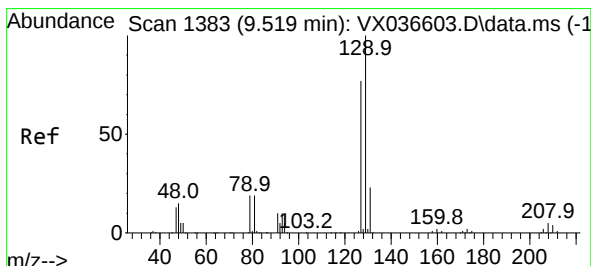
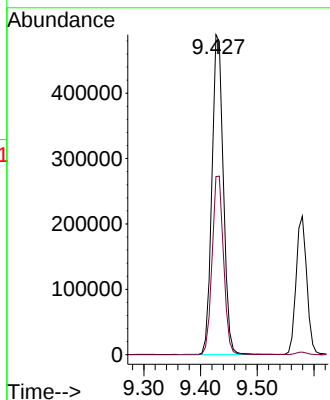
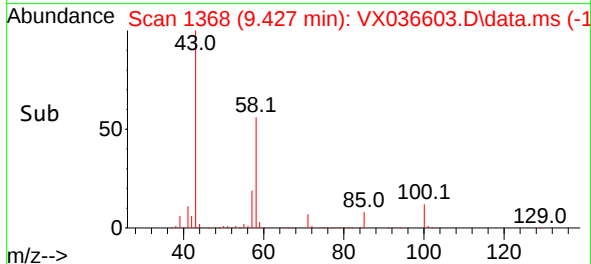
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 684474
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

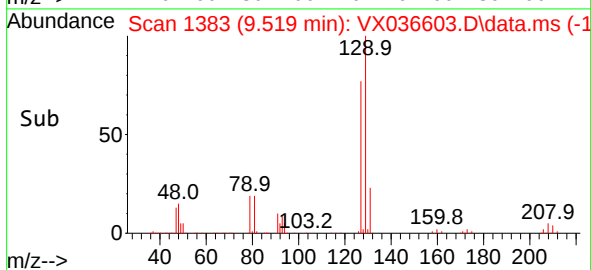
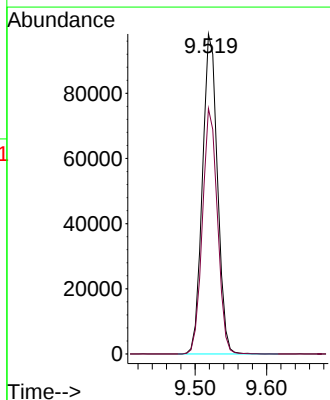
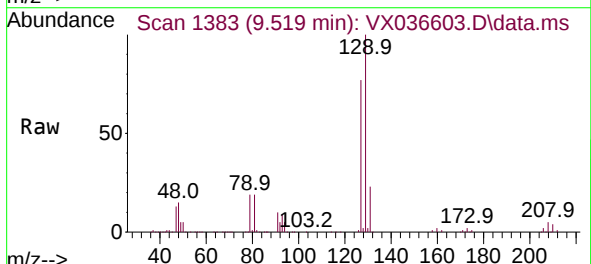
Manual Integrations
APPROVED

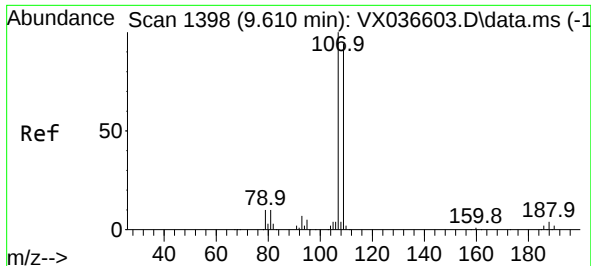
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 60.577 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

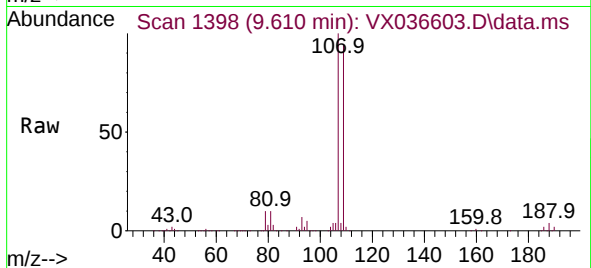
Tgt Ion:129 Resp: 143452
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.009 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

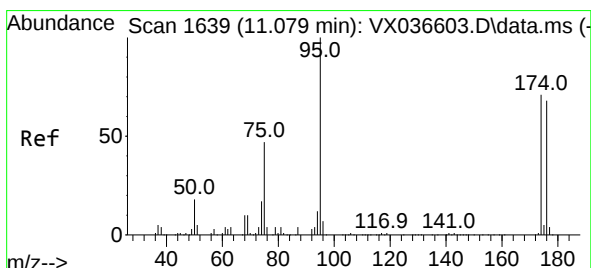
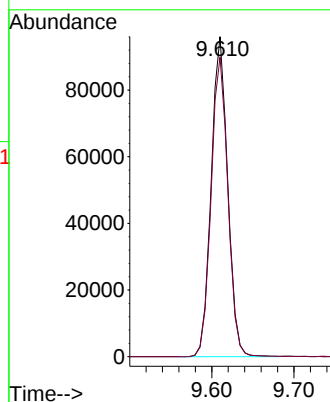
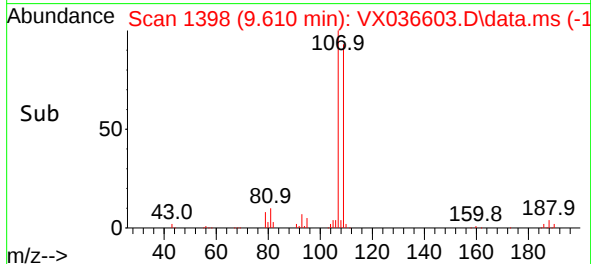
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



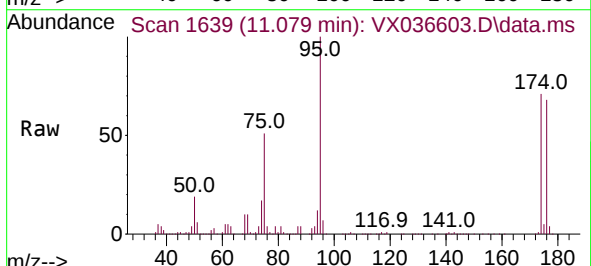
Tgt Ion:107 Resp: 13366
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations
APPROVED

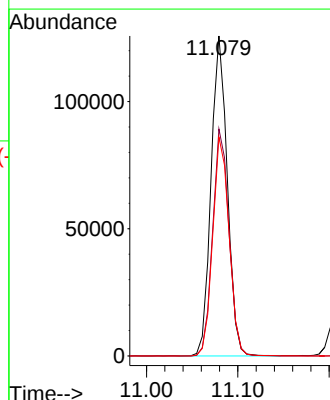
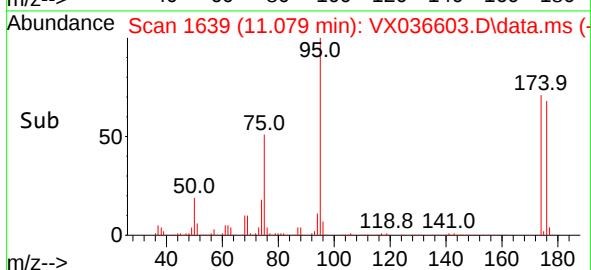
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

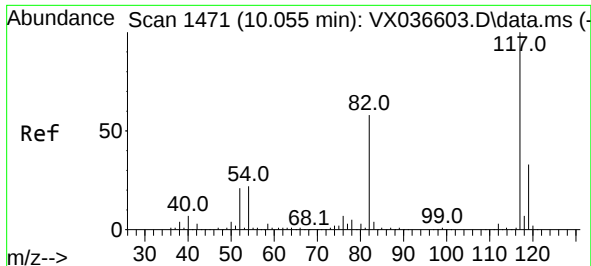


#62
4-Bromofluorobenzene
Concen: 53.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



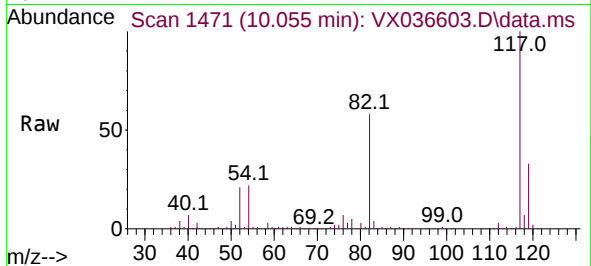
Tgt Ion: 95 Resp: 154752
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 69.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

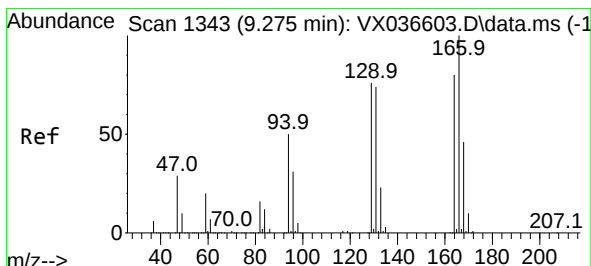
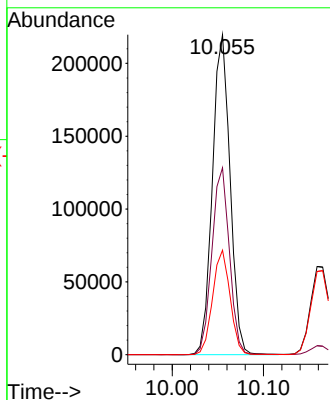
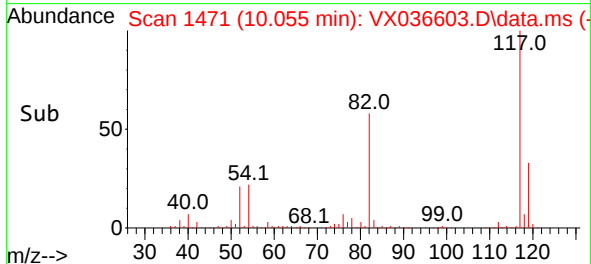
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 295284
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.6 25.5 38.3

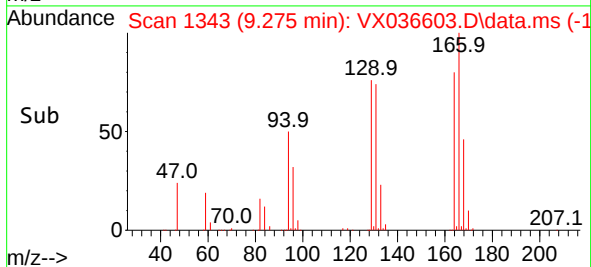
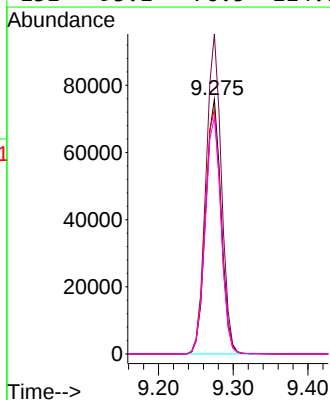
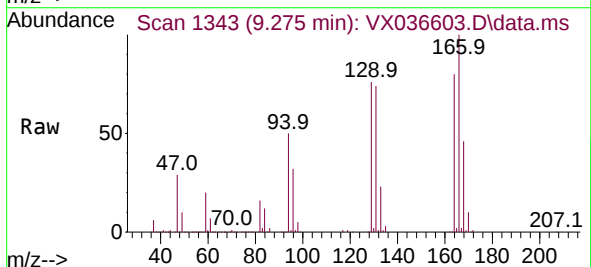
Manual Integrations
APPROVED

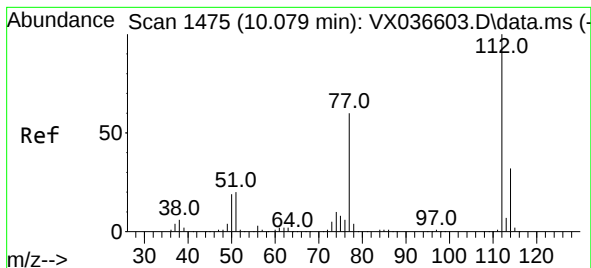
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 51.733 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion:164 Resp: 109160
Ion Ratio Lower Upper
164 100
166 125.7 102.7 154.1
129 96.1 80.4 120.6
131 93.1 76.5 114.7





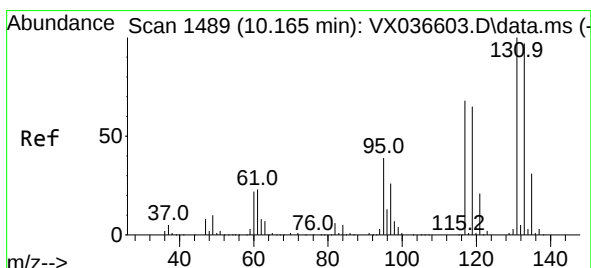
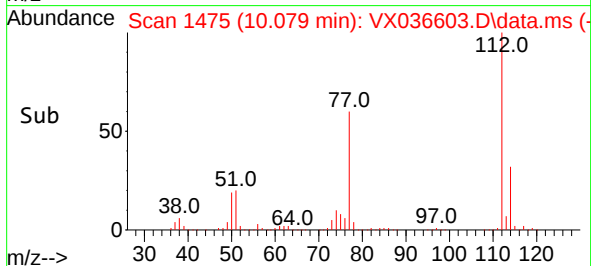
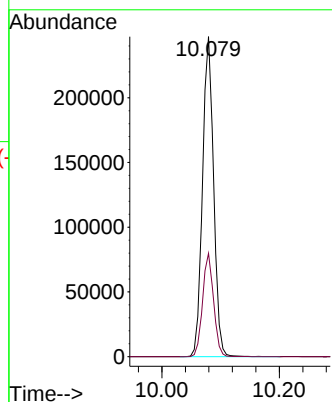
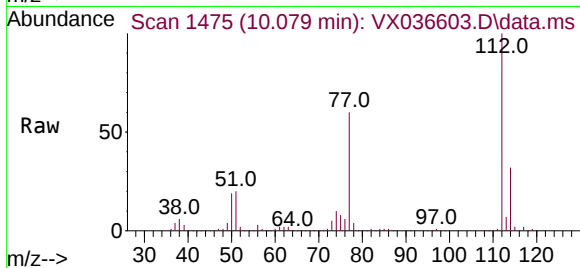
#65
Chlorobenzene
Concen: 51.781 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 324714
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

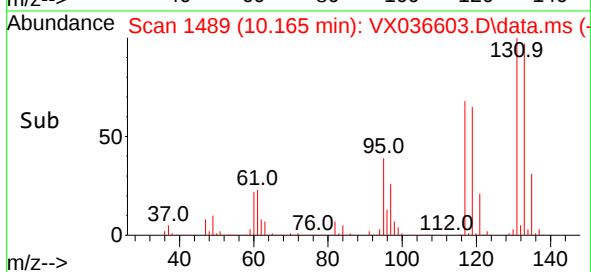
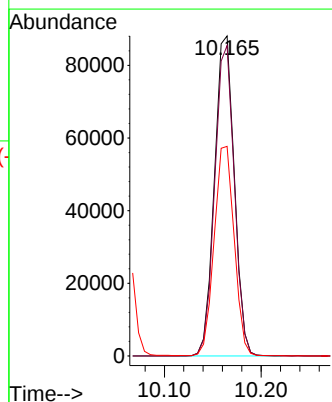
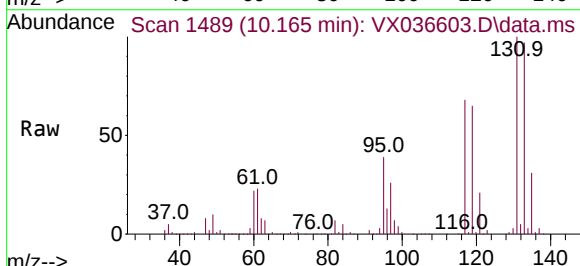
Manual Integrations
APPROVED

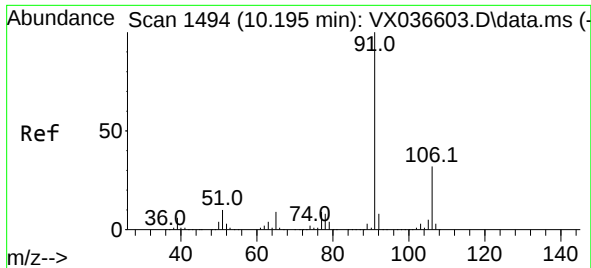
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.042 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

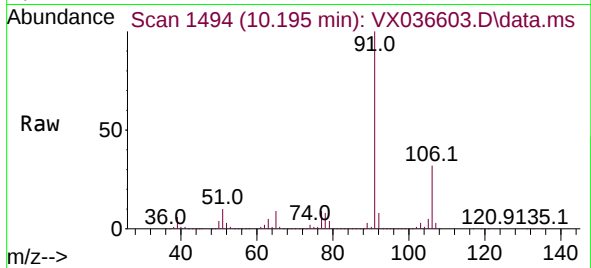
Tgt Ion:131 Resp: 125342
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 52.987 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

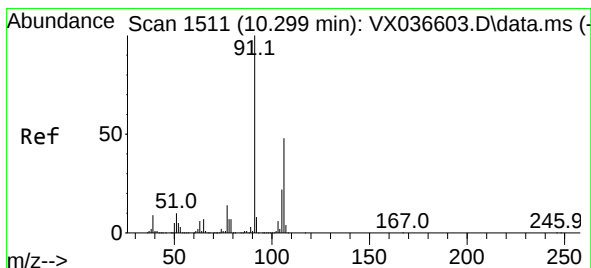
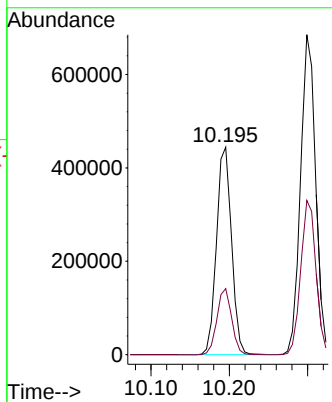
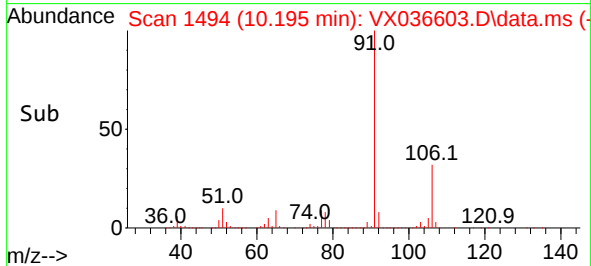
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



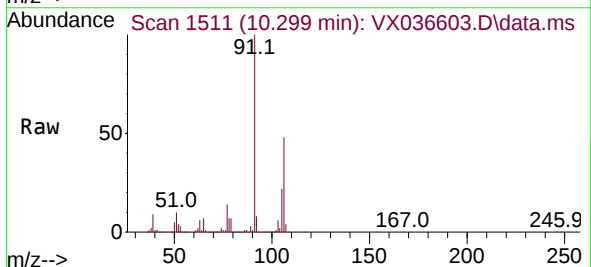
Tgt Ion: 91 Resp: 593440
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

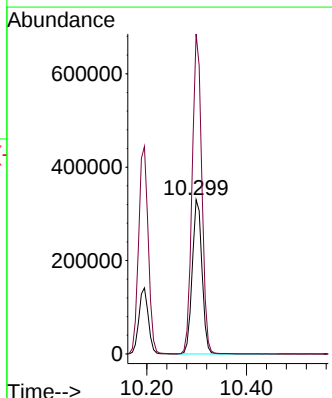
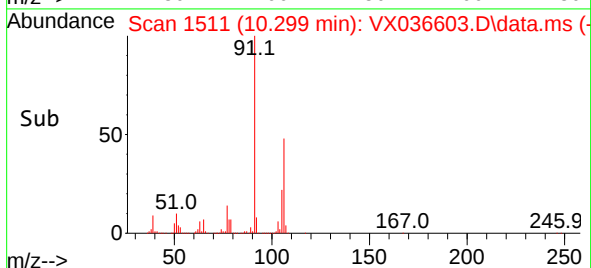
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

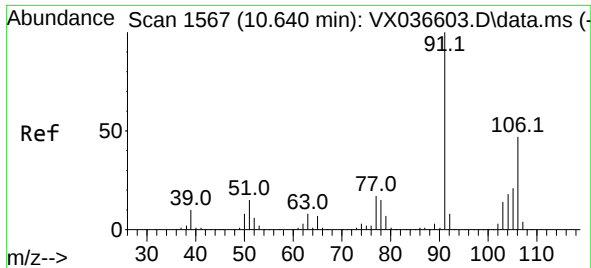


#68
m/p-Xylenes
Concen: 103.615 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



Tgt Ion:106 Resp: 448383
Ion Ratio Lower Upper
106 100
91 205.5 165.5 248.3





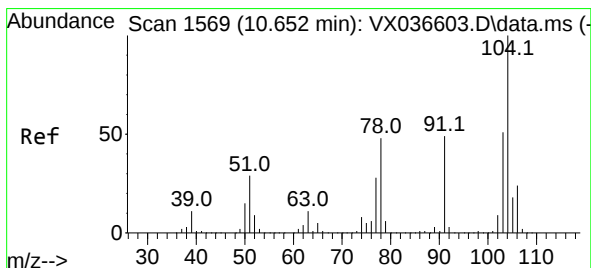
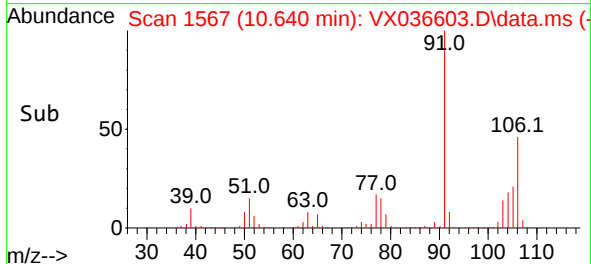
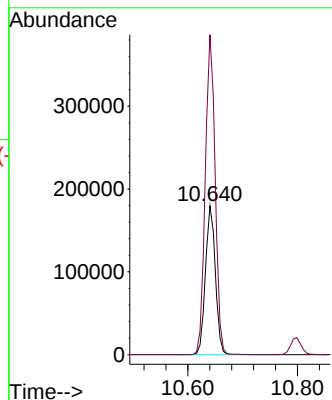
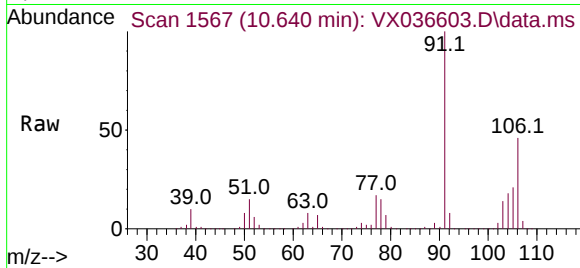
#69
o-Xylene
Concen: 53.412 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 225190
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.8

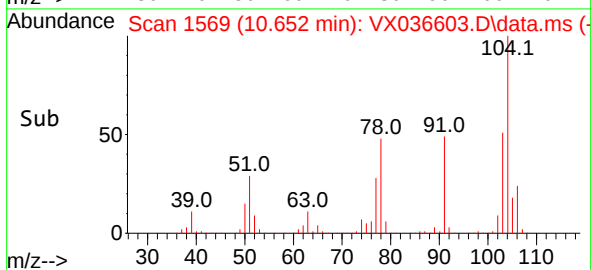
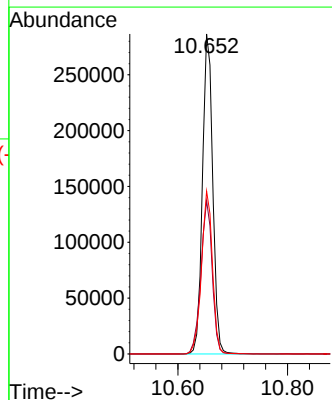
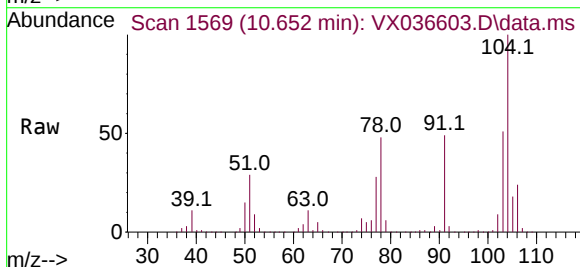
Manual Integrations
APPROVED

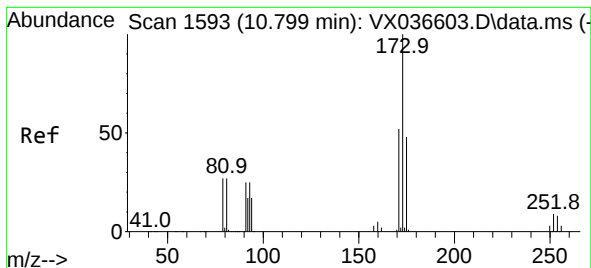
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 54.139 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion:104 Resp: 373524
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 65.963 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 105189

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

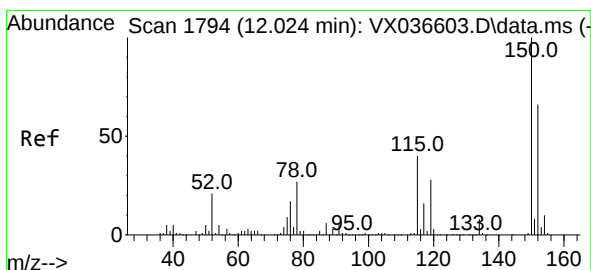
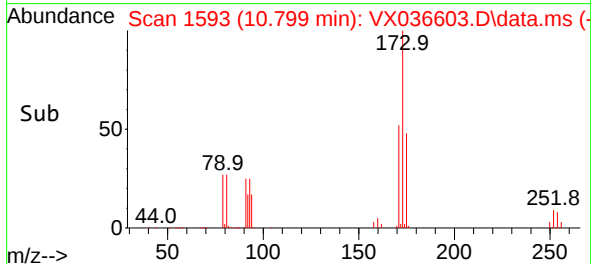
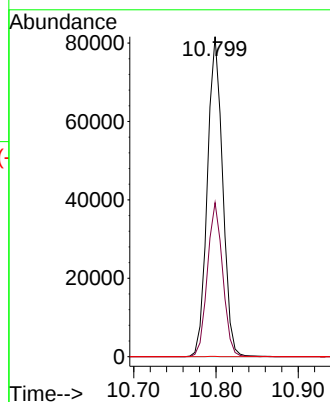
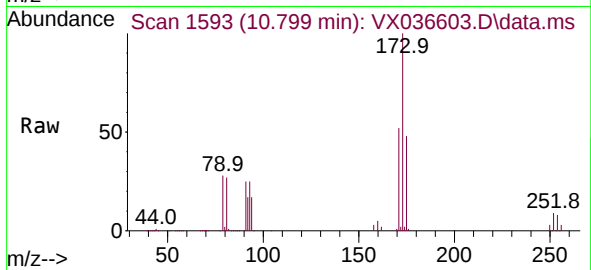
254 0.1 0.0 0.0

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: VX036603.D

Acq: 21 Jul 2023 10:57

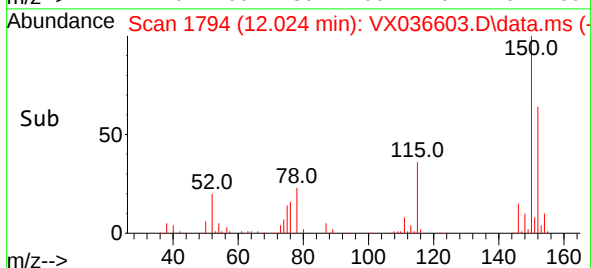
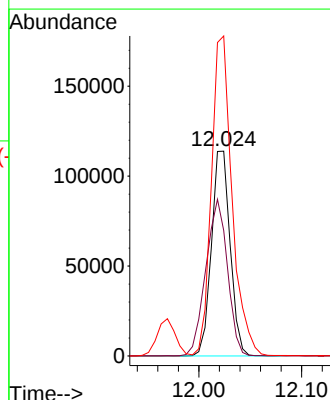
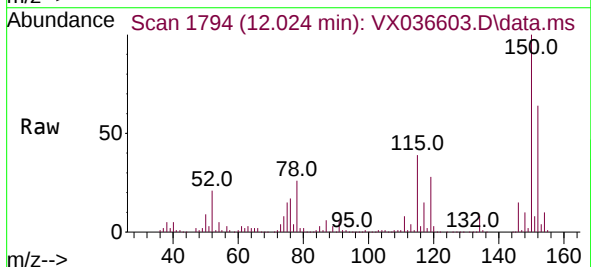
Tgt Ion:152 Resp: 143681

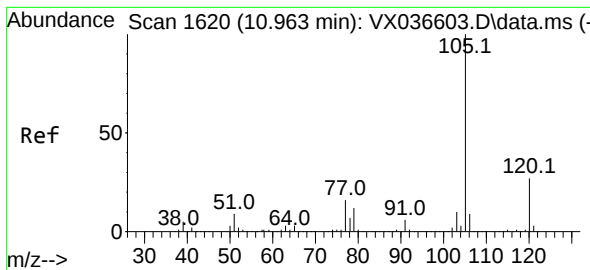
Ion Ratio Lower Upper

152 100

115 88.9 43.3 129.9

150 173.2 0.0 345.0





#73

Isopropylbenzene

Concen: 53.206 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 580819

Ion Ratio Lower Upper

105 100

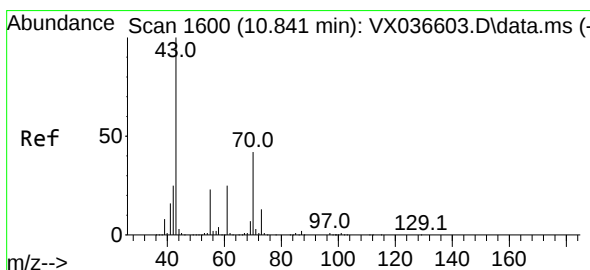
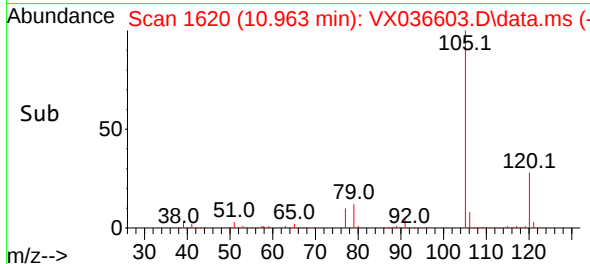
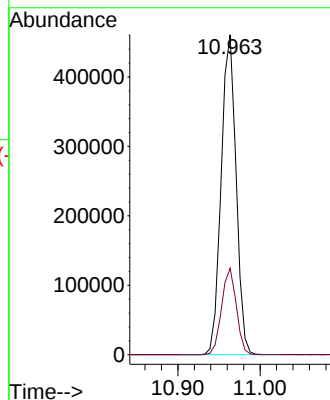
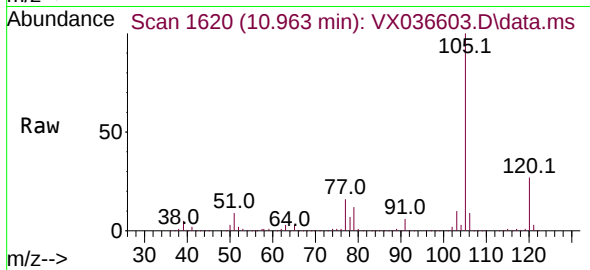
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 61.555 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Tgt Ion: 43 Resp: 273285

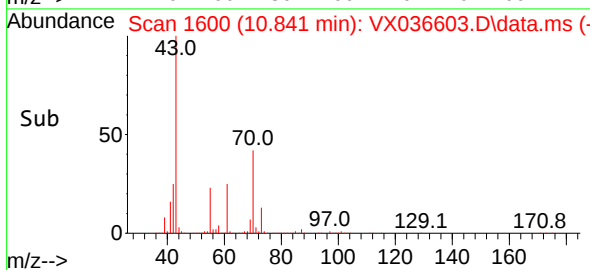
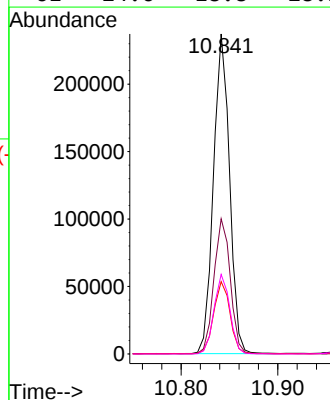
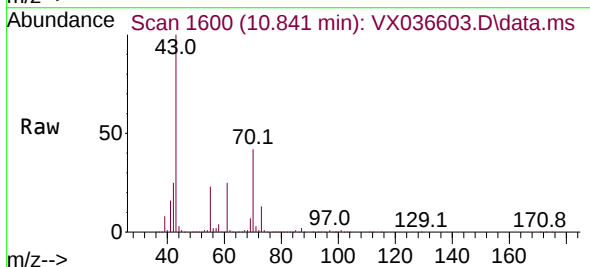
Ion Ratio Lower Upper

43 100

70 42.9 32.9 49.3

55 22.9 19.3 28.9

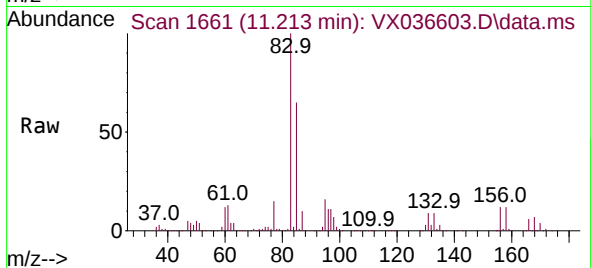
61 24.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.259 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

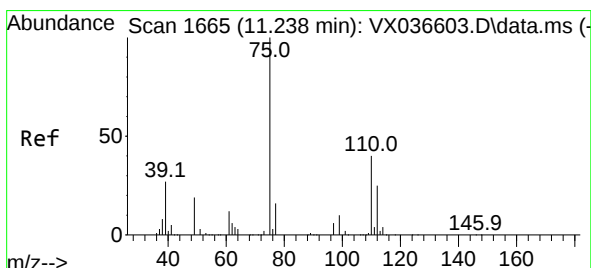
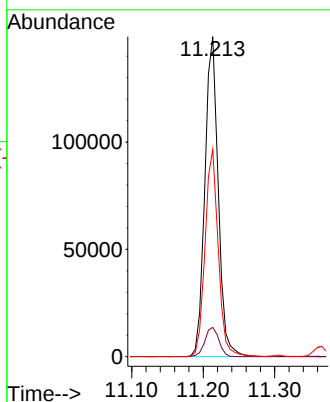
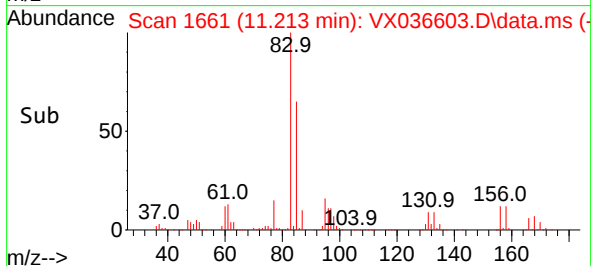
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



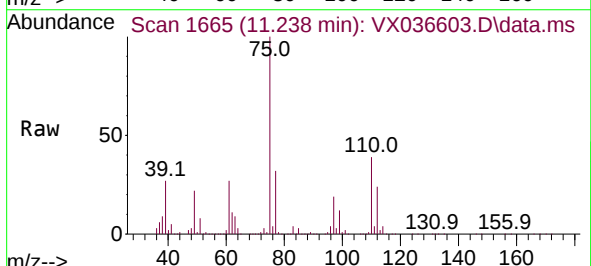
Tgt Ion: 83 Resp: 193360
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
APPROVED

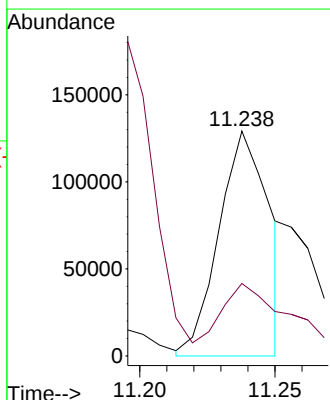
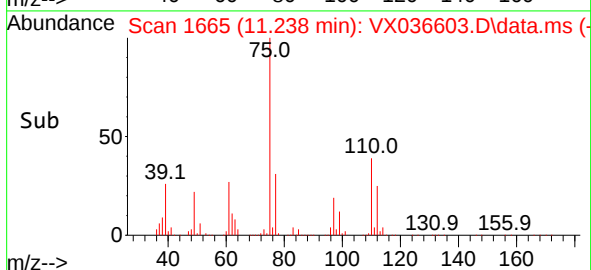
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

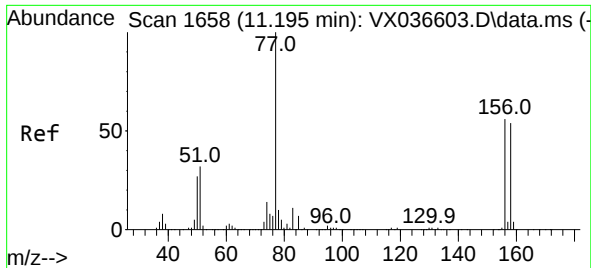


#76
1,2,3-Trichloropropane
Concen: 53.488 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



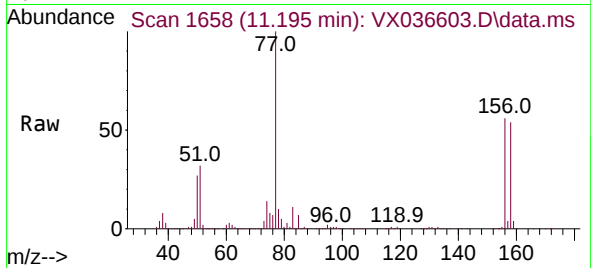
Tgt Ion: 75 Resp: 166949
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5





#77
Bromobenzene
Concen: 50.721 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

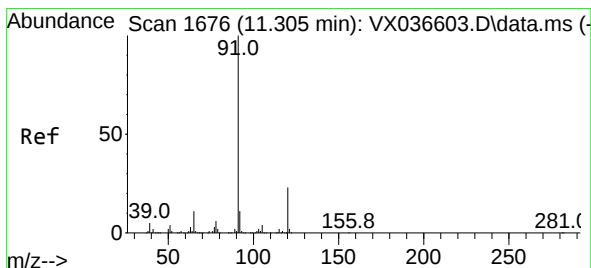
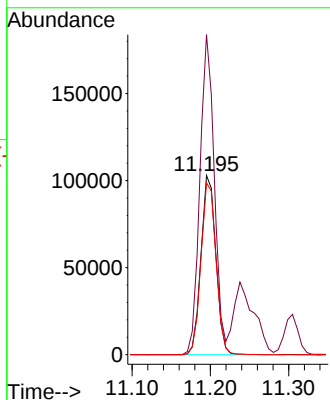
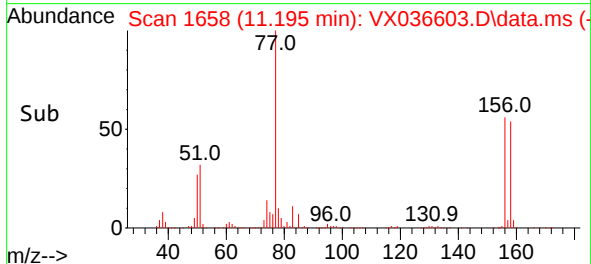
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



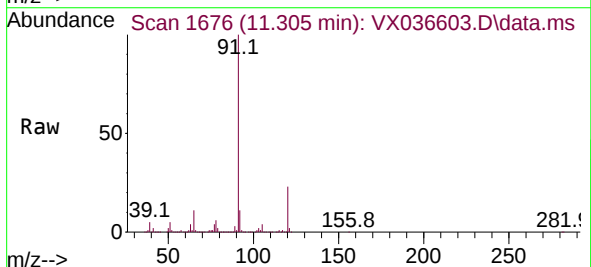
Tgt Ion:156 Resp: 13565
Ion Ratio Lower Upper
156 100
77 172.7 88.4 265.3
158 96.9 48.0 144.0

Manual Integrations
APPROVED

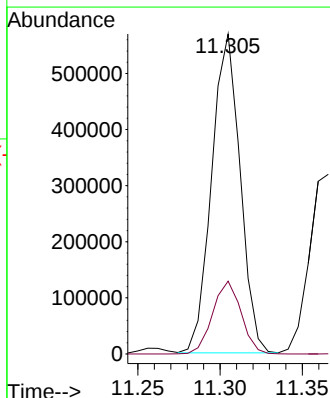
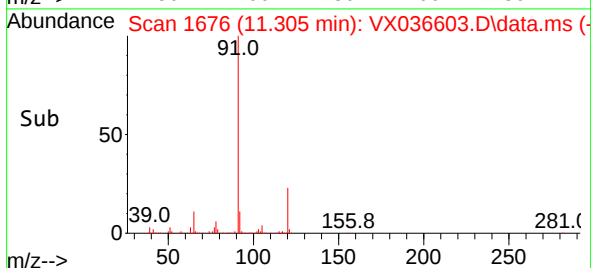
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#78
n-propylbenzene
Concen: 53.592 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



Tgt Ion: 91 Resp: 684507
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





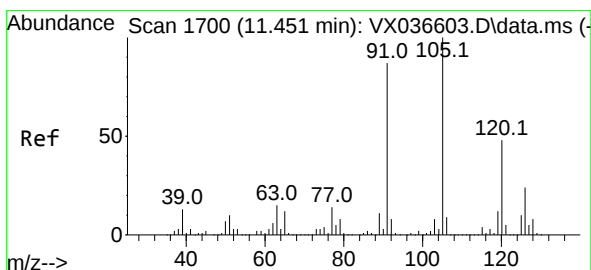
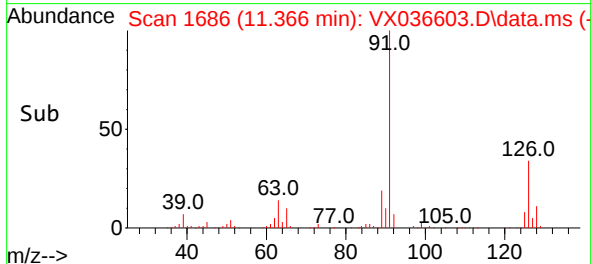
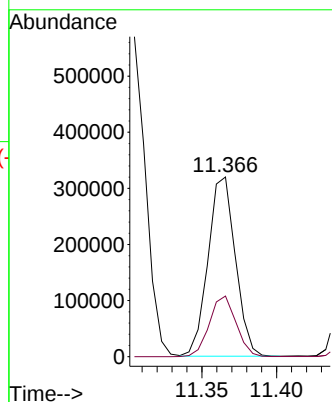
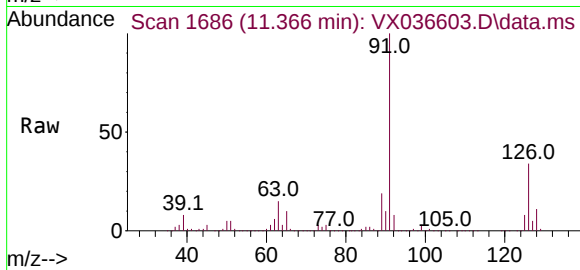
#79
2-Chlorotoluene
Concen: 53.408 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 406852
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

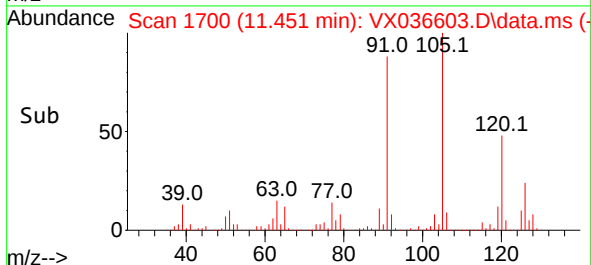
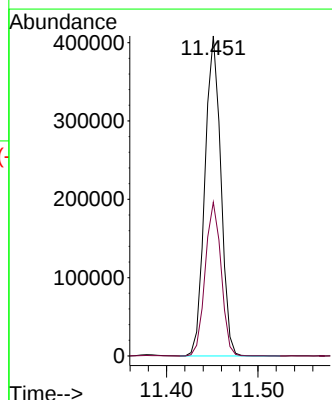
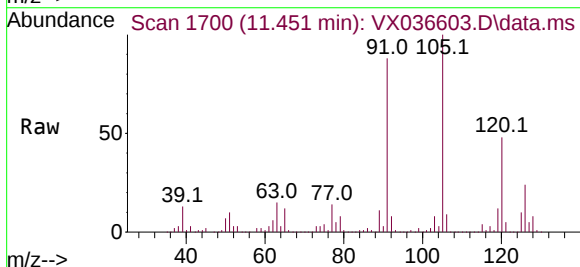
Manual Integrations
APPROVED

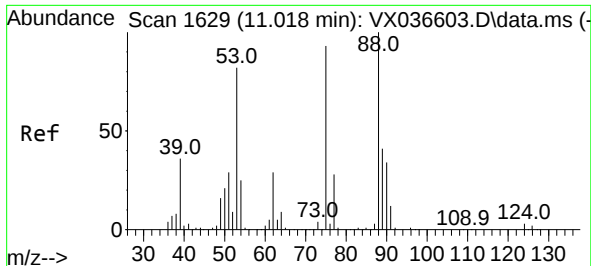
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.250 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

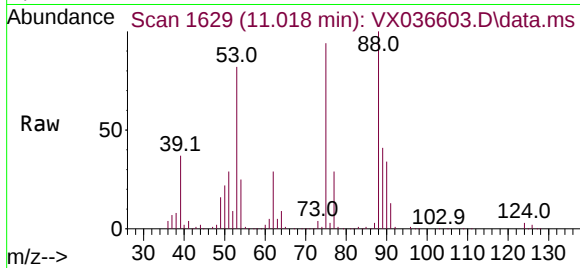
Tgt Ion:105 Resp: 492733
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 72.013 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

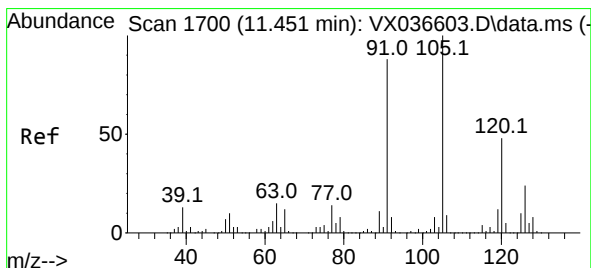
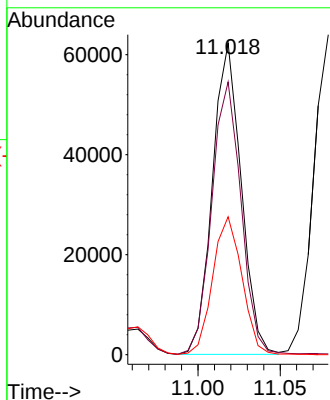
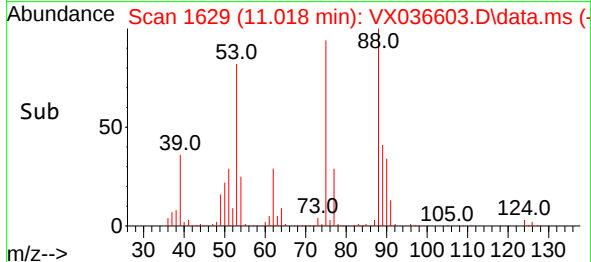
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



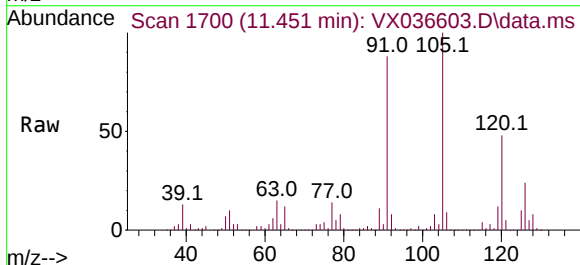
Tgt Ion: 75 Resp: 75644
Ion Ratio Lower Upper
75 100
53 89.5 90.5 135.7
89 45.3 36.9 55.3

Manual Integrations
APPROVED

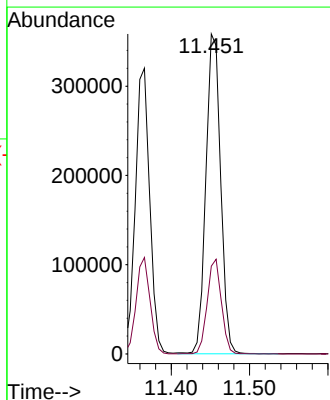
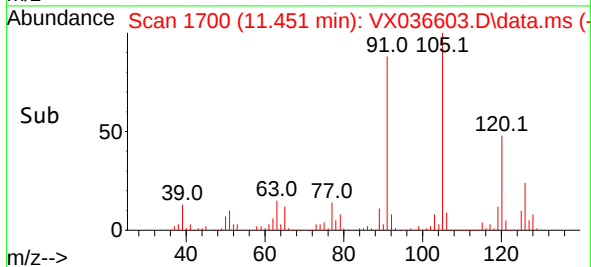
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

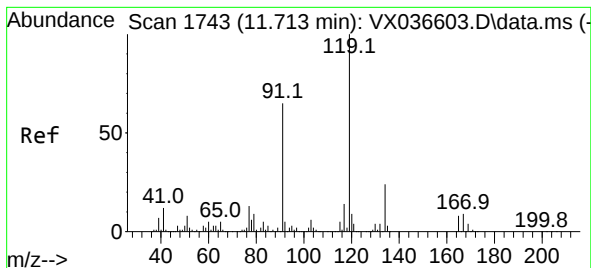


#82
4-Chlorotoluene
Concen: 52.821 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



Tgt Ion: 91 Resp: 466969
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.911 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

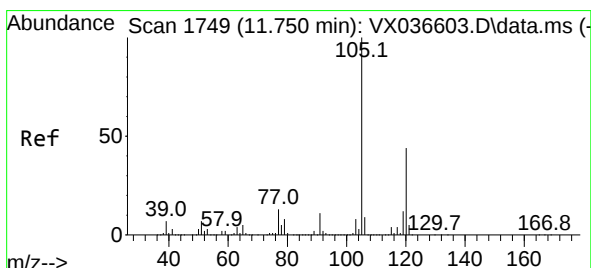
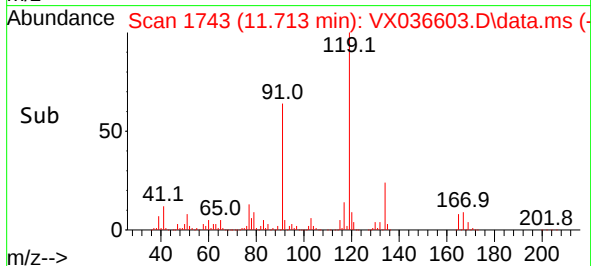
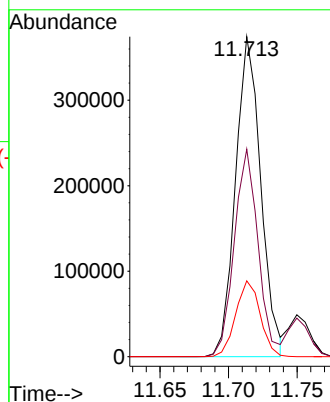
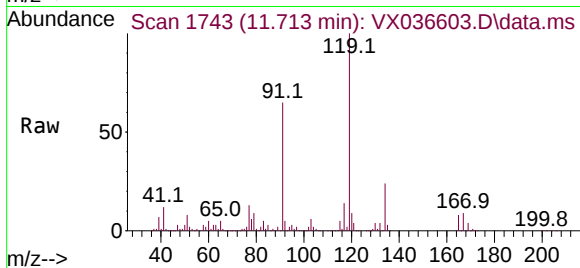
Tgt Ion:119 Resp: 479830
 Ion Ratio Lower Upper
 119 100
 91 61.3 31.2 93.6
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 53.529 ug/l

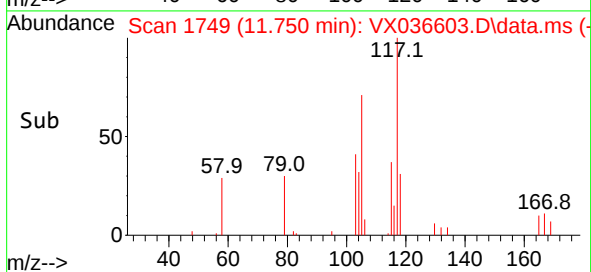
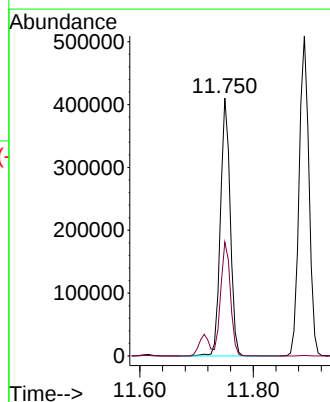
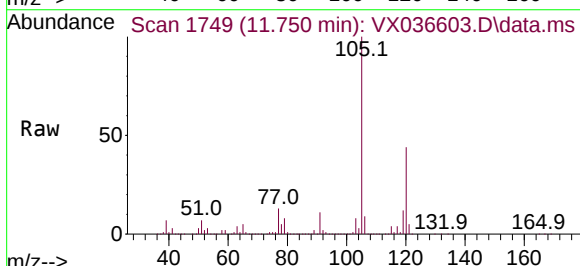
RT: 11.750 min Scan# 1749

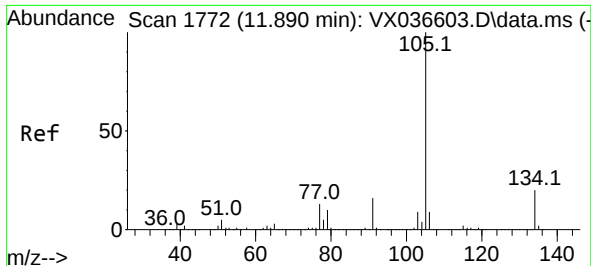
Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Tgt Ion:105 Resp: 490921
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.2 63.6





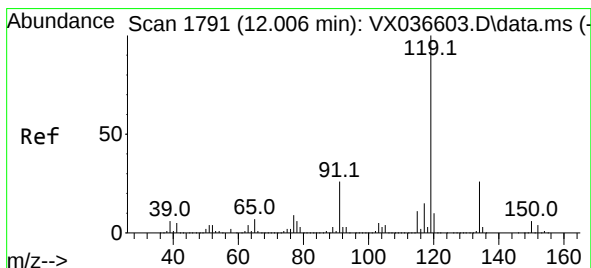
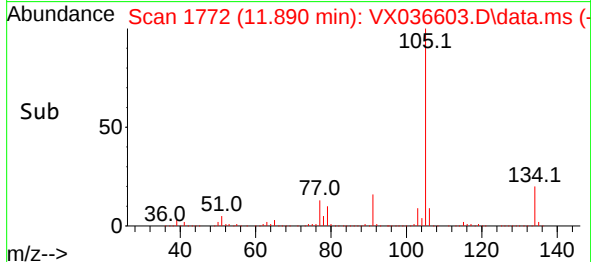
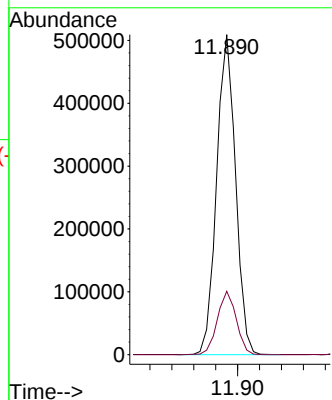
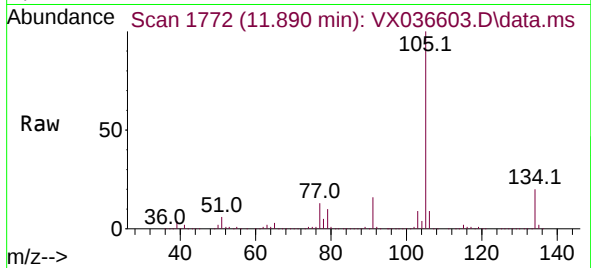
#85
 sec-Butylbenzene
 Concen: 54.060 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036603.D
 Acq: 21 Jul 2023 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 60925
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

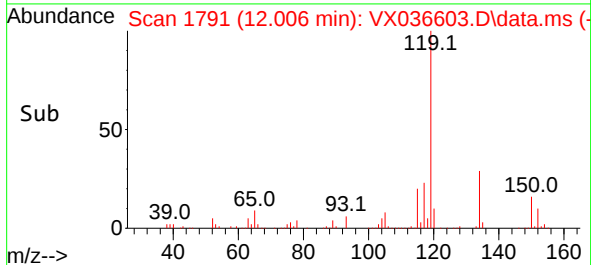
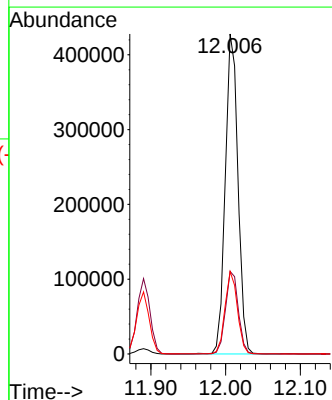
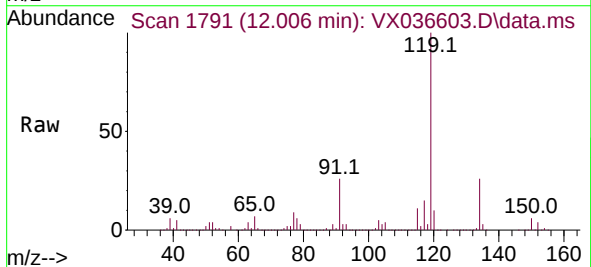
Manual Integrations
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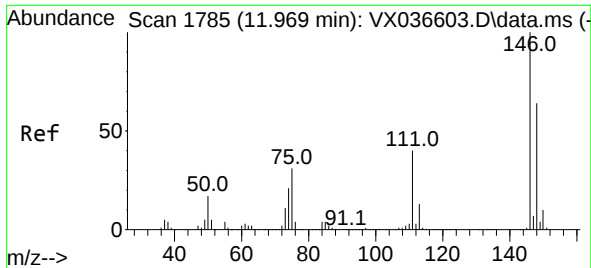
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 53.734 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036603.D
 Acq: 21 Jul 2023 10:57

Tgt Ion:119 Resp: 506898
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.913 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 25027

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

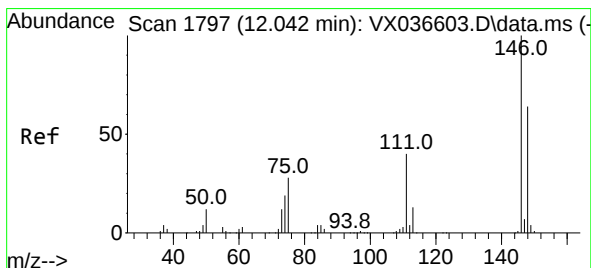
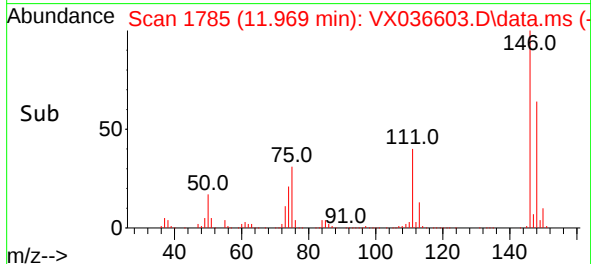
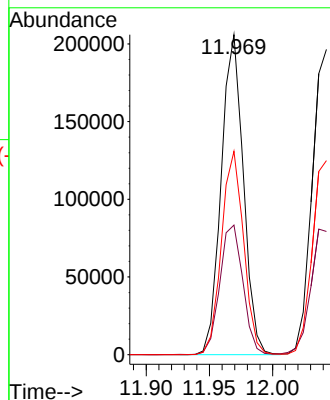
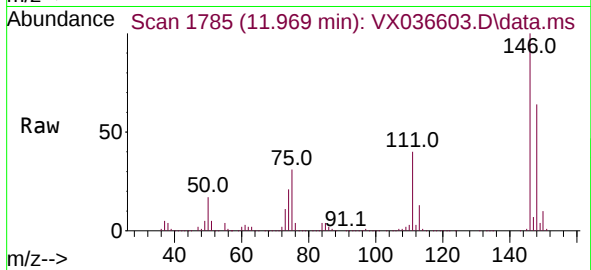
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 49.678 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036603.D

Acq: 21 Jul 2023 10:57

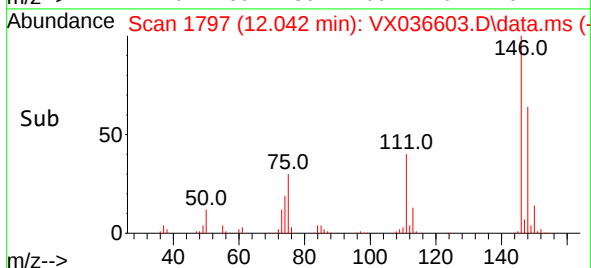
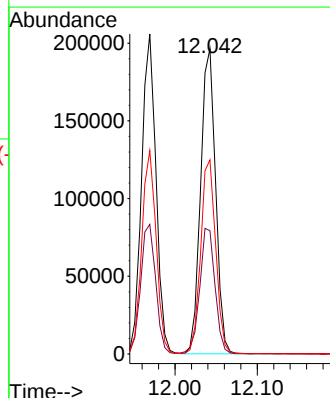
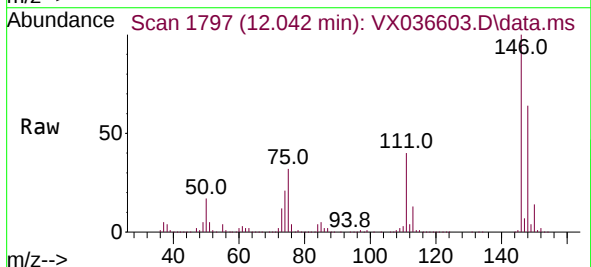
Tgt Ion:146 Resp: 248487

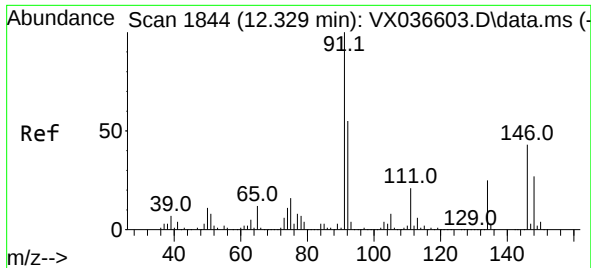
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

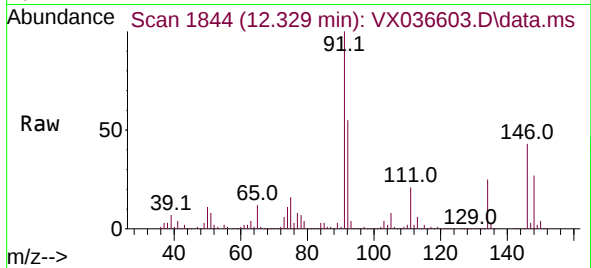
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.178 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

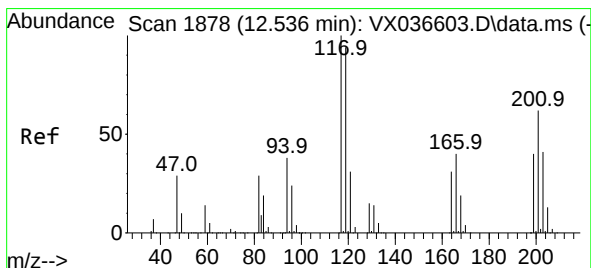
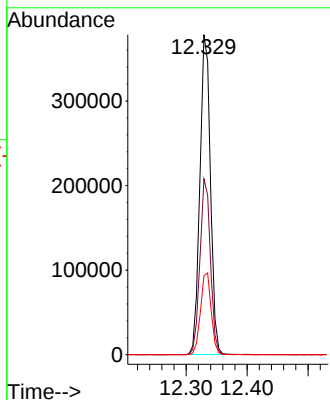
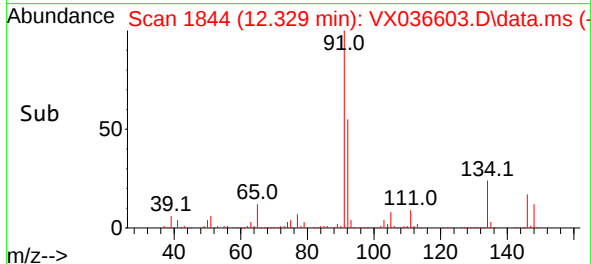
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 455498
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 25.9 12.6 37.8

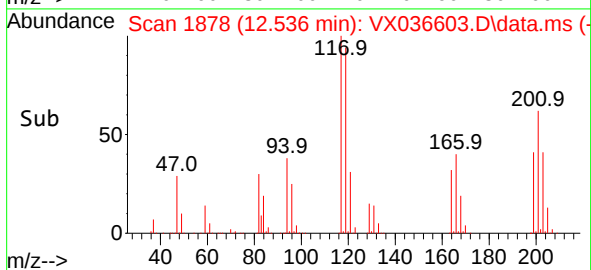
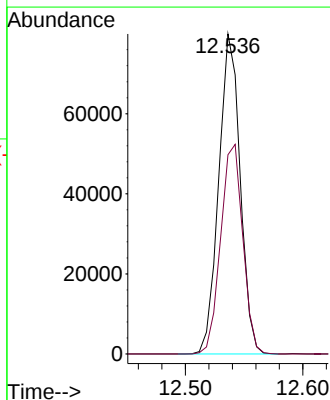
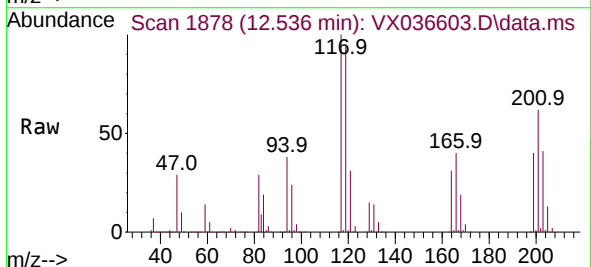
Manual Integrations
APPROVED

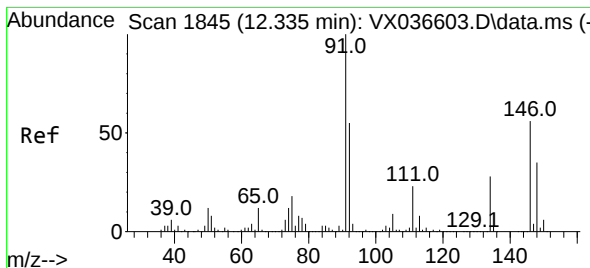
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 67.103 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

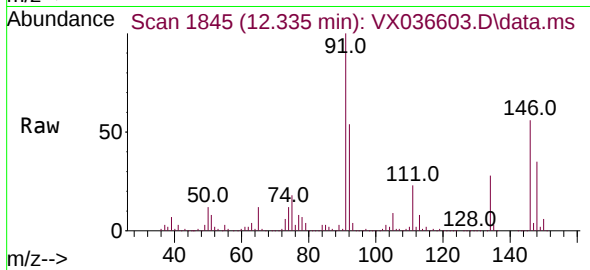
Tgt Ion:117 Resp: 101189
Ion Ratio Lower Upper
117 100
201 67.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.602 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

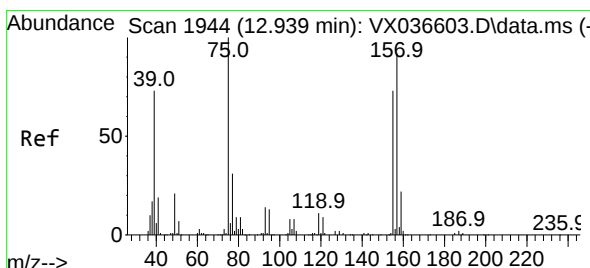
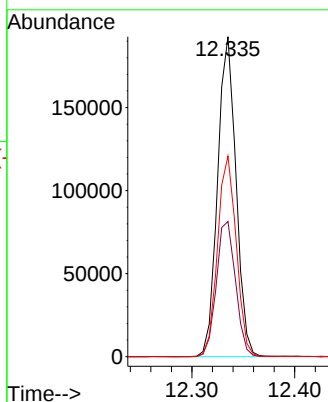
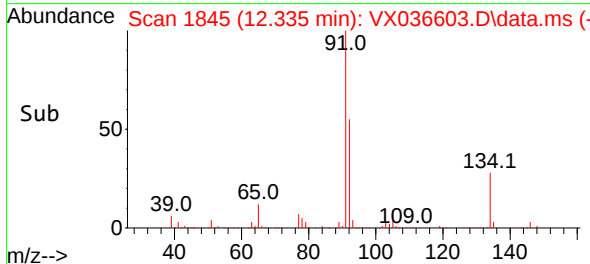
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



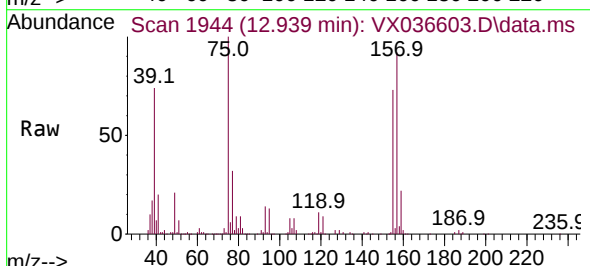
Tgt Ion:146 Resp: 23957
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.7 31.6 95.0

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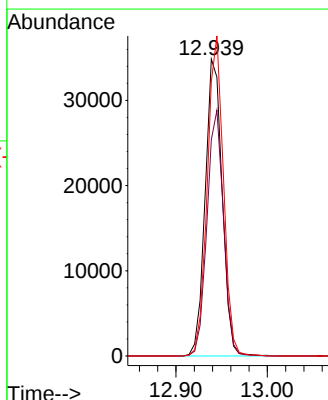
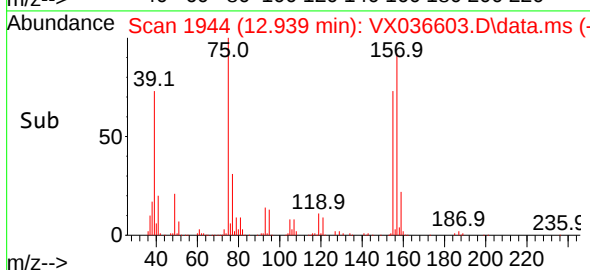
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

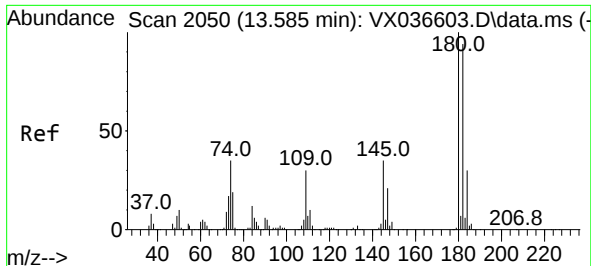


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.762 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57



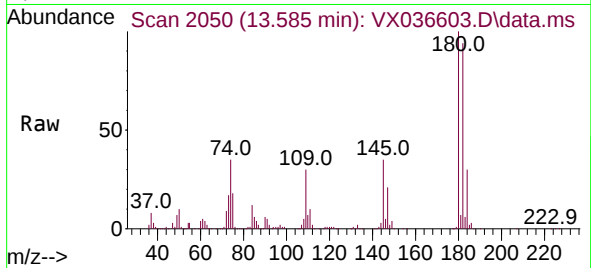
Tgt Ion: 75 Resp: 44805
Ion Ratio Lower Upper
75 100
155 80.5 36.1 108.5
157 102.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.525 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

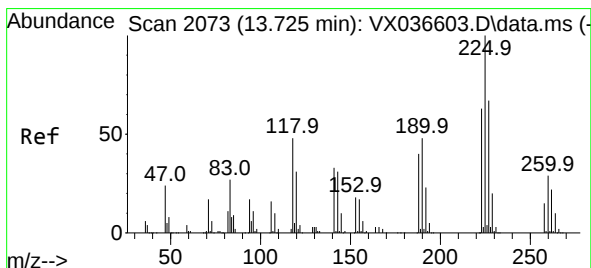
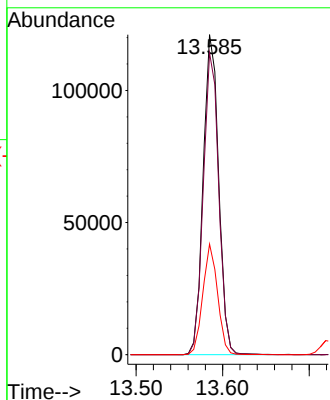
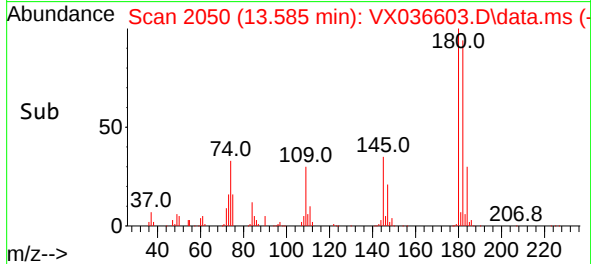
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 150280
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 32.9 18.0 54.0

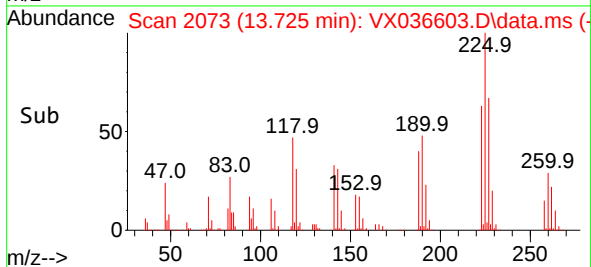
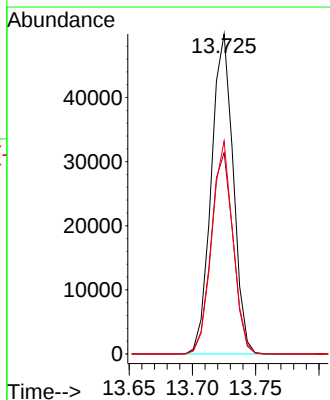
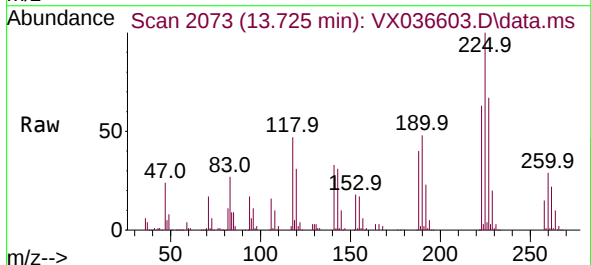
Manual Integrations
APPROVED

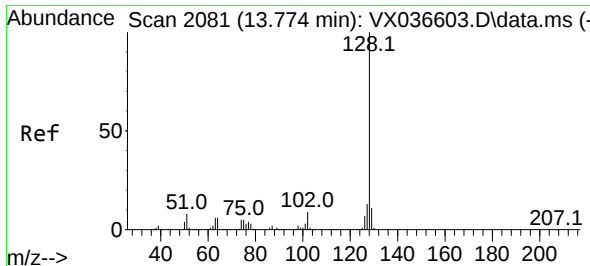
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#94
Hexachlorobutadiene
Concen: 49.080 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

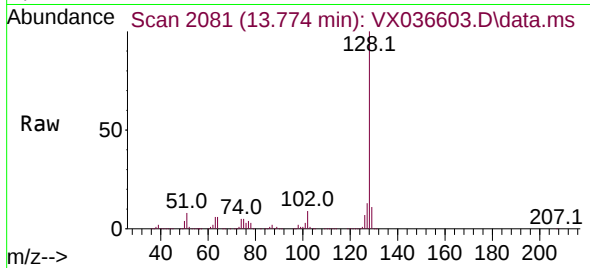
Tgt Ion:225 Resp: 59957
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 64.2 32.5 97.5





#95
Naphthalene
Concen: 52.598 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

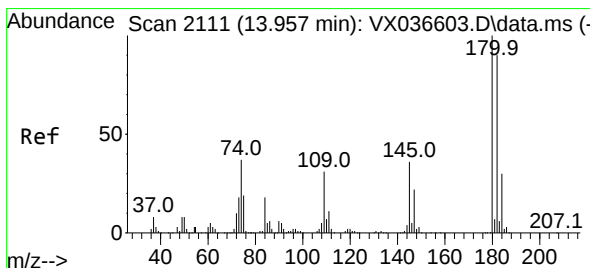
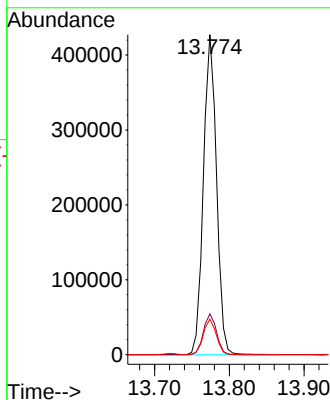
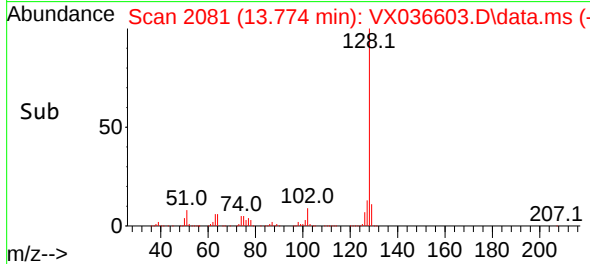
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 518440
Ion Ratio Lower Upper
128 100
127 12.8 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: 50.807 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX036603.D
Acq: 21 Jul 2023 10:57

Tgt Ion:180 Resp: 147174
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 35.1 17.8 53.5

