

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035732.D
 Acq On : 18 May 2023 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Quant Time: May 19 05:44:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	185252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	339279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	311060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179618	55.578	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.160%			
35) Dibromofluoromethane	5.379	113	121626	53.156	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	8.647	98	430727	50.957	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	182528	53.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	119440	49.472	ug/l	98
3) Chloromethane	1.295	50	136526	46.598	ug/l	99
4) Vinyl Chloride	1.374	62	123785	49.783	ug/l	96
5) Bromomethane	1.618	94	79893	59.327	ug/l	100
6) Chloroethane	1.691	64	76438	50.674	ug/l	97
7) Trichlorofluoromethane	1.886	101	176537	48.286	ug/l	99
8) Diethyl Ether	2.130	74	78607	55.841	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	103987	47.905	ug/l	95
10) Methyl Iodide	2.453	142	122138	62.913	ug/l	90
11) Tert butyl alcohol	3.014	59	149223m	261.715	ug/l	
12) 1,1-Dichloroethene	2.319	96	99188	48.079	ug/l	89
13) Acrolein	2.240	56	163803	242.052	ug/l	100
14) Allyl chloride	2.660	41	224587	50.815	ug/l	94
15) Acrylonitrile	3.069	53	355075	282.807	ug/l	99
16) Acetone	2.398	43	413433	297.645	ug/l	95
17) Carbon Disulfide	2.514	76	233846	46.967	ug/l	99
18) Methyl Acetate	2.703	43	299026	58.373	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	437638	53.309	ug/l	99
20) Methylene Chloride	2.788	84	129633	51.495	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	113779	50.332	ug/l	93
22) Diisopropyl ether	3.758	45	459550	53.106	ug/l	90
23) Vinyl Acetate	3.715	43	1688747	275.807	ug/l	98
24) 1,1-Dichloroethane	3.605	63	243010	52.508	ug/l	97
25) 2-Butanone	4.562	43	549415	285.733	ug/l	99
26) 2,2-Dichloropropane	4.471	77	200843	51.247	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	140651	51.757	ug/l	93
28) Bromochloromethane	4.898	49	115294	55.385	ug/l	94
29) Tetrahydrofuran	5.013	42	334435	276.721	ug/l	98
30) Chloroform	5.087	83	250871	52.899	ug/l	100
31) Cyclohexane	5.465	56	190512	46.658	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	205932	49.907	ug/l	98
36) 1,1-Dichloropropene	5.690	75	172043	47.635	ug/l	98
37) Ethyl Acetate	4.709	43	202790	53.832	ug/l	100
38) Carbon Tetrachloride	5.678	117	166270	48.599	ug/l	99
39) Methylcyclohexane	7.373	83	191644	45.078	ug/l	92
40) Benzene	6.032	78	507490	50.228	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	4.916	41	117627	52.591	ug/l	96
42) 1,2-Dichloroethane	6.086	62	227246	52.285	ug/l	96
43) Isopropyl Acetate	6.336	43	347512	52.903	ug/l	99
44) Trichloroethene	7.123	130	121998	47.620	ug/l	93
45) 1,2-Dichloropropane	7.428	63	139297	52.056	ug/l	97
46) Dibromomethane	7.580	93	98219	53.622	ug/l	93
47) Bromodichloromethane	7.818	83	189187	53.437	ug/l	99
48) Methyl methacrylate	7.690	41	175377	54.098	ug/l	96
49) 1,4-Dioxane	7.732	88	64616	983.160	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	1034255	273.294	ug/l	98
52) Toluene	8.714	92	319668	50.122	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	214924	55.876	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	224034	54.363	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	132761	52.999	ug/l	99
56) Ethyl methacrylate	9.116	69	217693	53.664	ug/l	96
57) 1,3-Dichloropropane	9.305	76	240083	52.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	476865	231.076	ug/l	99
59) 2-Hexanone	9.427	43	800811	280.985	ug/l	98
60) Dibromochloromethane	9.519	129	131829	55.209	ug/l	98
61) 1,2-Dibromoethane	9.610	107	140521	53.243	ug/l	100
64) Tetrachloroethene	9.275	164	95845	45.767	ug/l	95
65) Chlorobenzene	10.080	112	338459	49.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	123008	51.233	ug/l	98
67) Ethyl Benzene	10.189	91	623361	48.813	ug/l	95
68) m/p-Xylenes	10.299	106	466555	98.839	ug/l	95
69) o-Xylene	10.640	106	234104	49.979	ug/l	95
70) Styrene	10.653	104	389416	51.584	ug/l	98
71) Bromoform	10.799	173	83366	52.773	ug/l #	99
73) Isopropylbenzene	10.964	105	594780	46.996	ug/l	98
74) N-amyl acetate	10.842	43	295033	49.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	204985	49.930	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	180451m	49.119	ug/l	
77) Bromobenzene	11.195	156	138922	48.362	ug/l	91
78) n-propylbenzene	11.305	91	710655	47.768	ug/l	98
79) 2-Chlorotoluene	11.360	91	444332	47.704	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	516584	48.025	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	59169	51.907	ug/l	89
82) 4-Chlorotoluene	11.451	91	522261	48.687	ug/l	98
83) tert-Butylbenzene	11.713	119	486019	46.483	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	527017	48.795	ug/l	98
85) sec-Butylbenzene	11.890	105	605389	46.114	ug/l	98
86) p-Isopropyltoluene	12.006	119	512830	47.516	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	267654	49.049	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	270077	49.013	ug/l	98
89) n-Butylbenzene	12.329	91	464368	47.298	ug/l	97
90) Hexachloroethane	12.536	117	77292	47.249	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	262462	49.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45978	50.293	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	154725	48.088	ug/l	98
94) Hexachlorobutadiene	13.725	225	56232	44.031	ug/l	100
95) Naphthalene	13.774	128	547527	49.691	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	153667	48.561	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

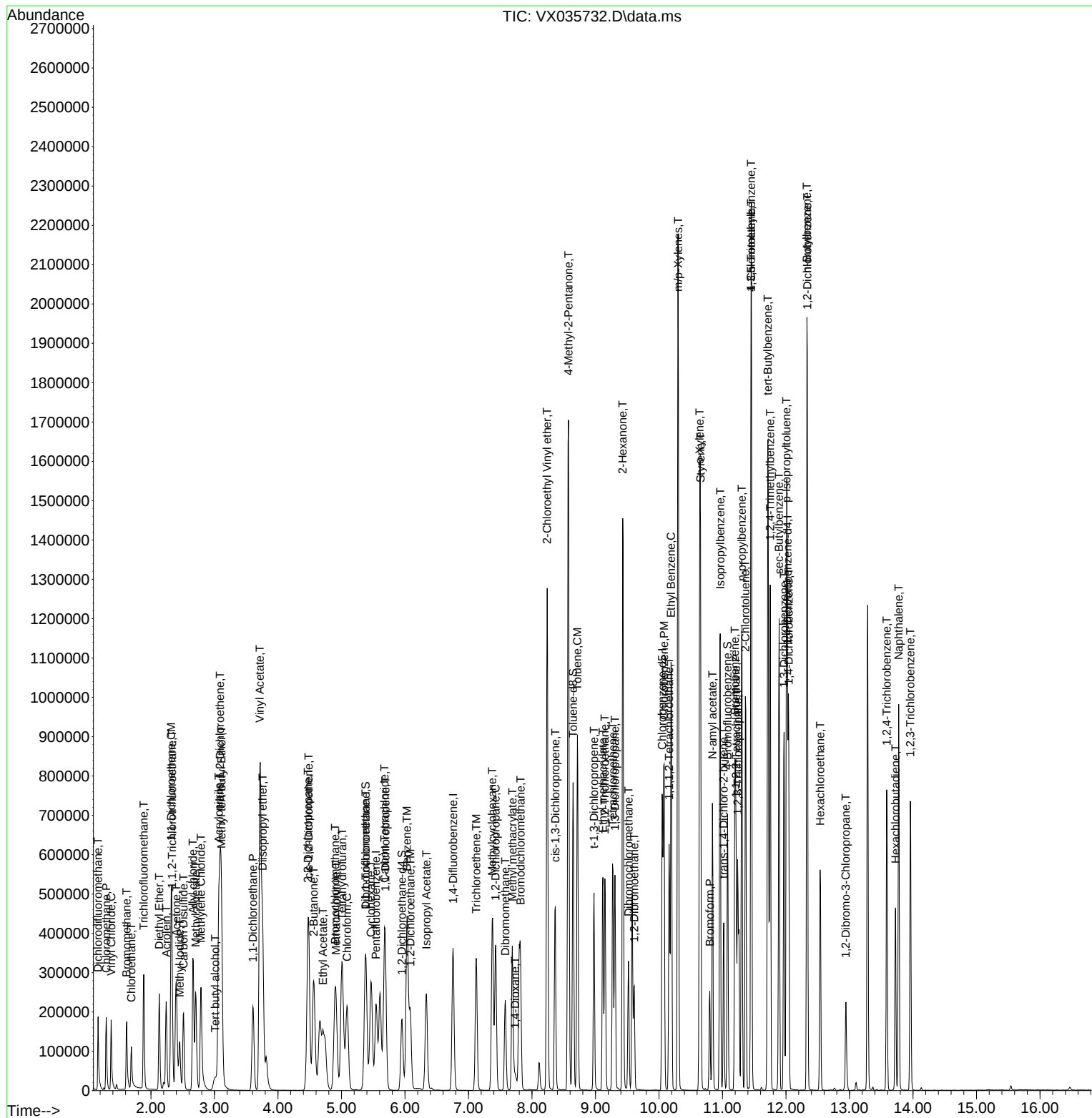
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APPROVED

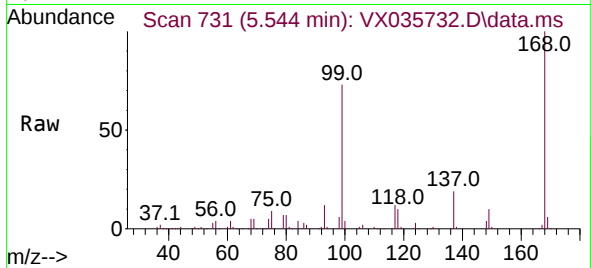
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

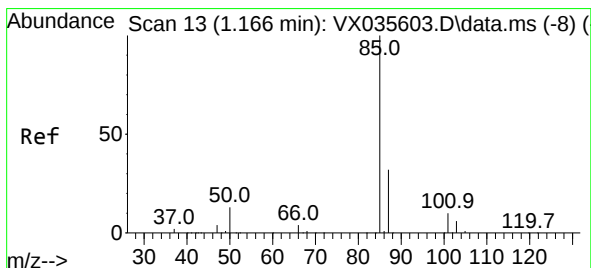
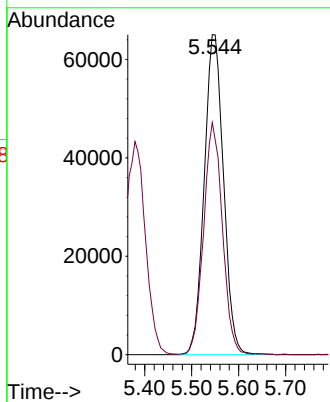
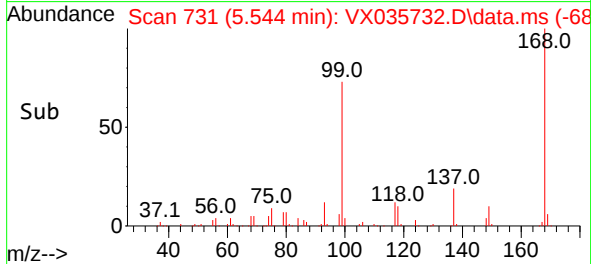
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 18525
Ion Ratio Lower Upper
168 100
99 72.6 45.7 68.5

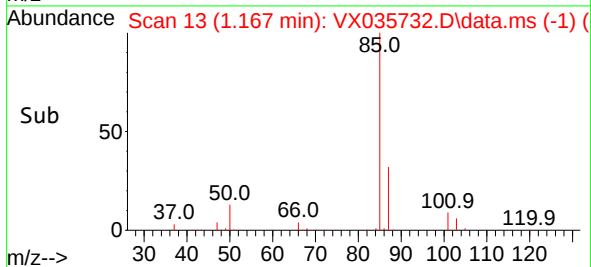
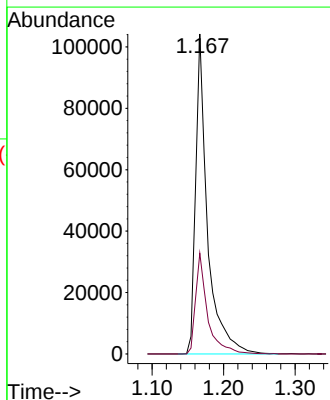
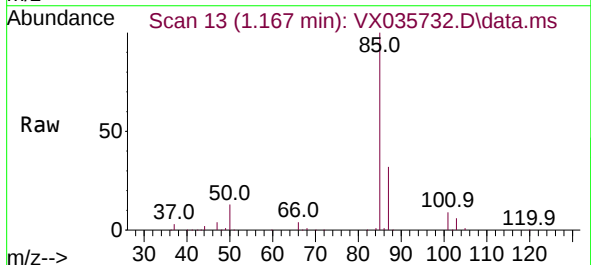
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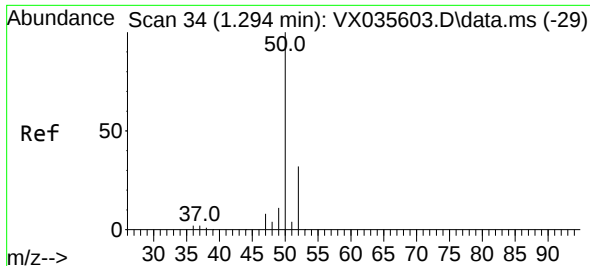
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 49.472 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 85 Resp: 119440
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





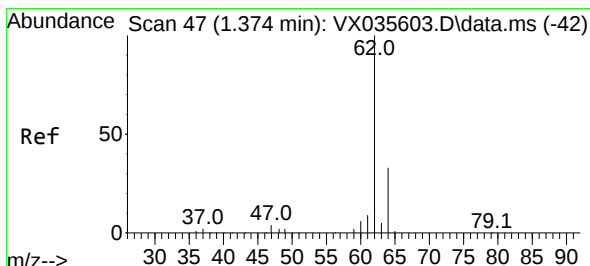
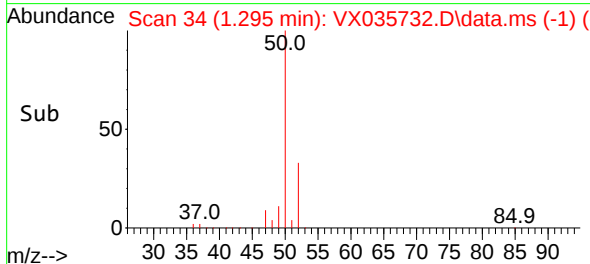
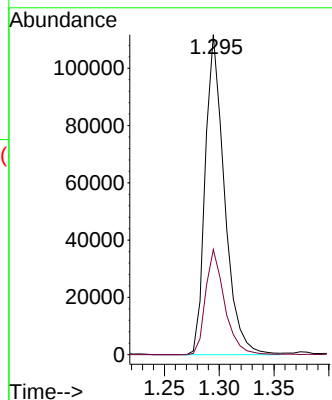
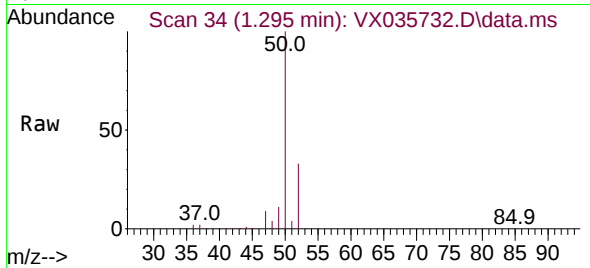
#3
Chloromethane
Concen: 46.598 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 136520
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

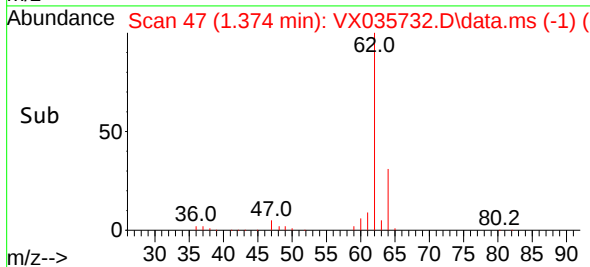
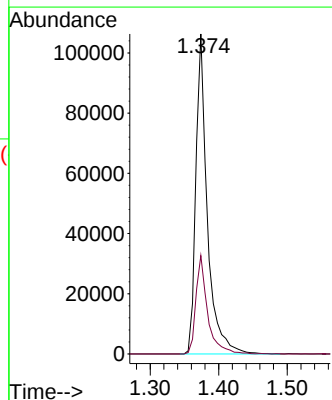
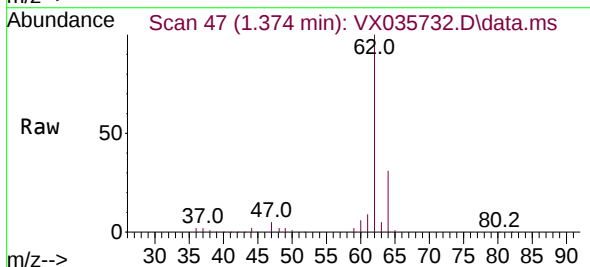
Manual Integrations
APPROVED

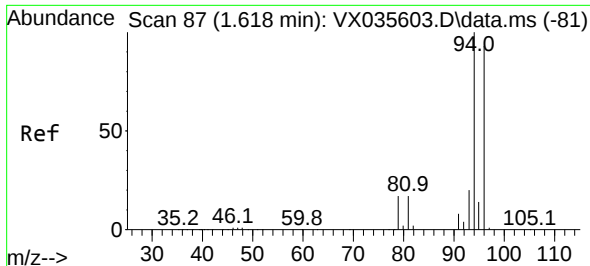
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#4
Vinyl Chloride
Concen: 49.783 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

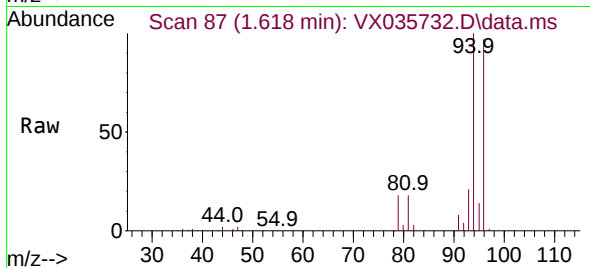
Tgt Ion: 62 Resp: 123785
Ion Ratio Lower Upper
62 100
64 30.7 26.4 39.6





#5
Bromomethane
Concen: 59.327 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

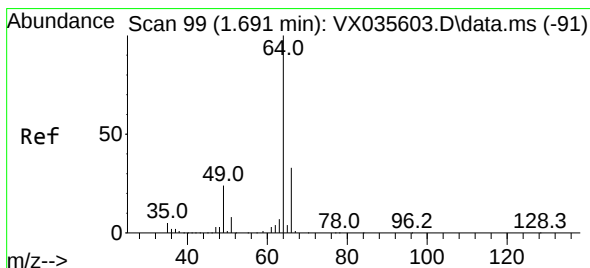
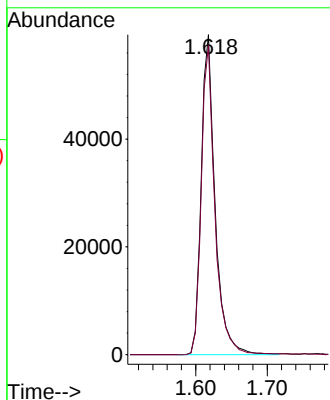
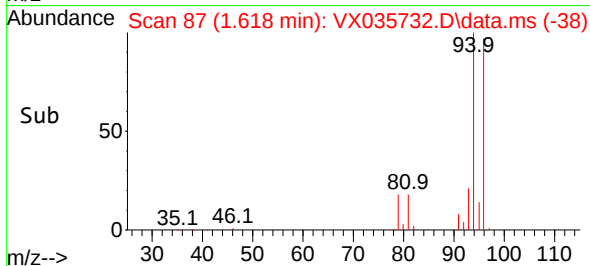
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Tgt Ion: 94 Resp: 7989
Ion Ratio Lower Upper
94 100
96 96.6 77.0 115.6

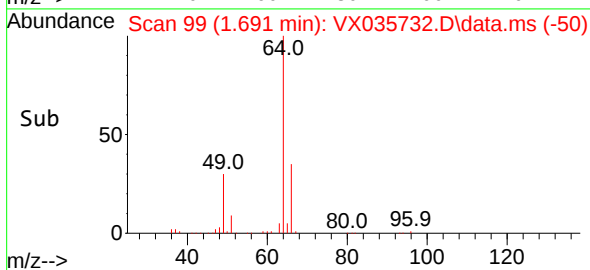
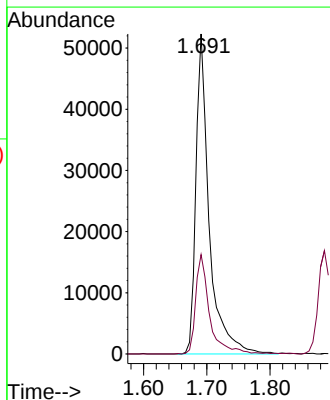
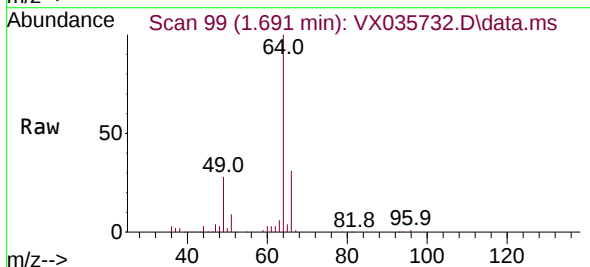
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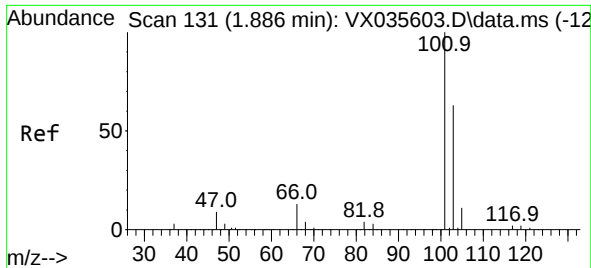
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#6
Chloroethane
Concen: 50.674 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

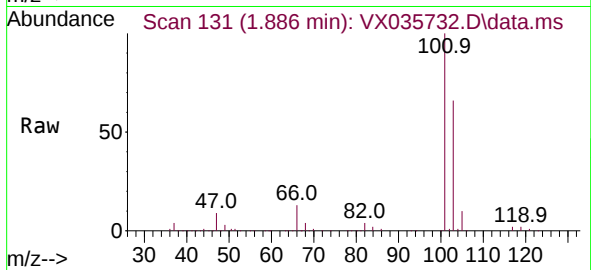
Tgt Ion: 64 Resp: 76438
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.286 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

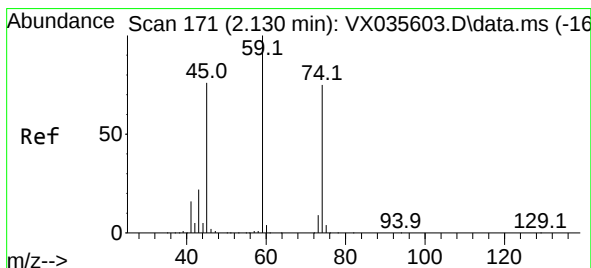
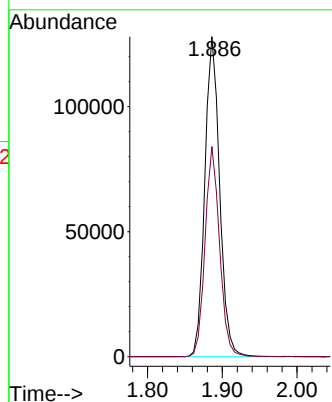
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 17653
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.0 78.0

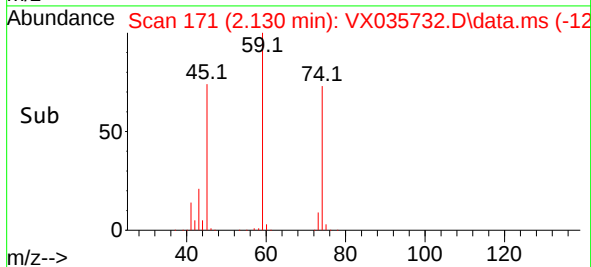
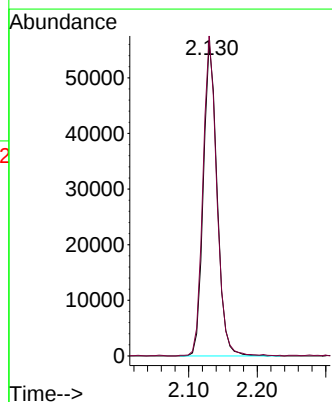
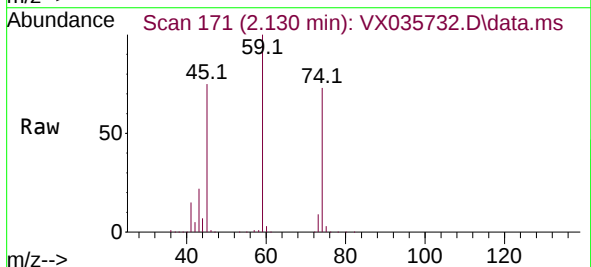
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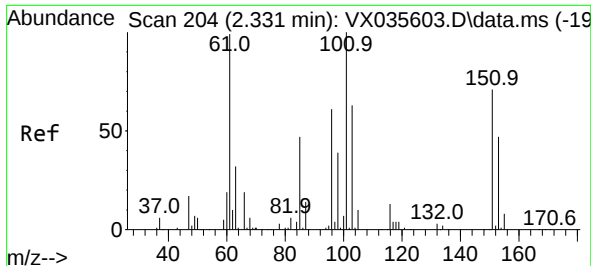
Reviewed By :John Carlone 05/19/2023
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#8
 Diethyl Ether
 Concen: 55.841 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

Tgt Ion: 74 Resp: 78607
 Ion Ratio Lower Upper
 74 100
 45 103.3 49.8 149.3





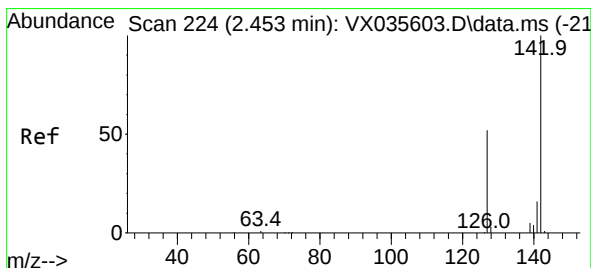
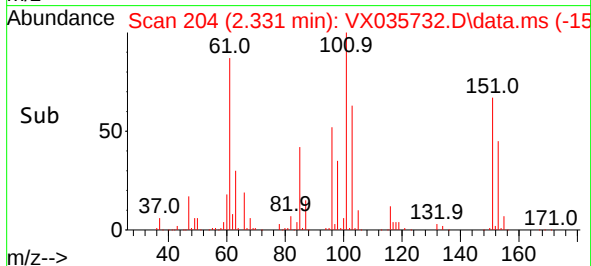
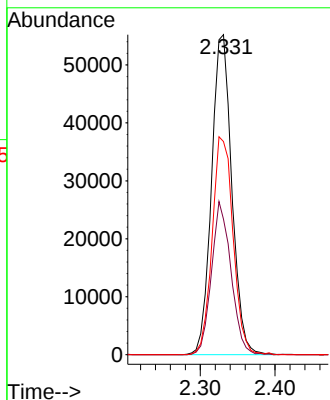
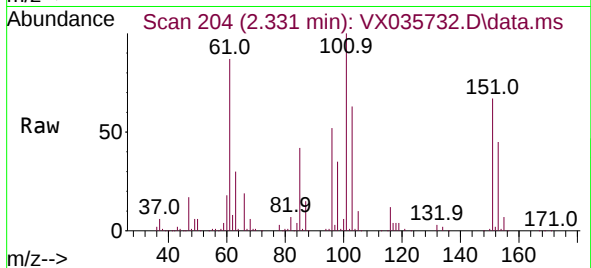
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.905 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10398
Ion Ratio Lower Upper
101 100
85 46.0 35.4 53.2
151 70.2 60.2 90.4

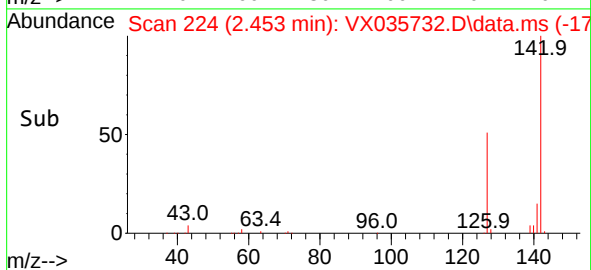
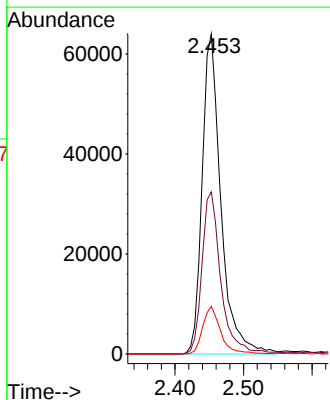
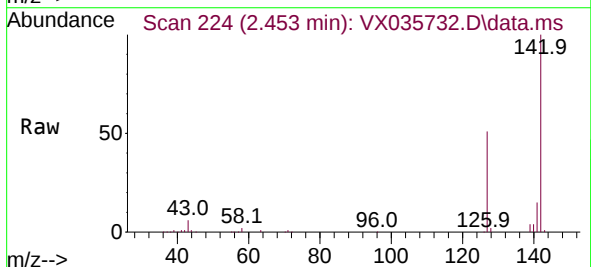
Manual Integrations
APPROVED

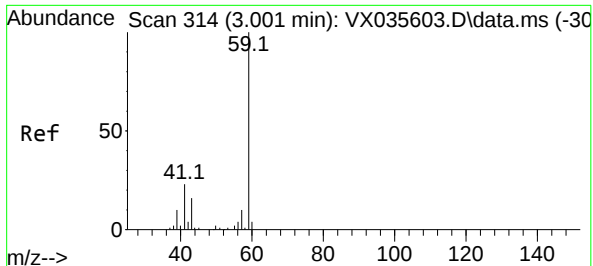
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 62.913 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion:142 Resp: 122138
Ion Ratio Lower Upper
142 100
127 50.9 34.0 51.0
141 14.2 11.1 16.7





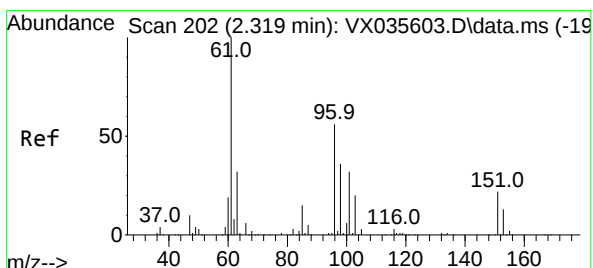
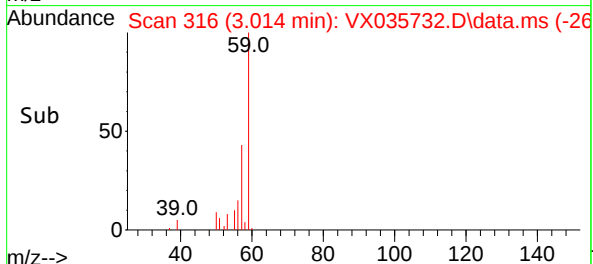
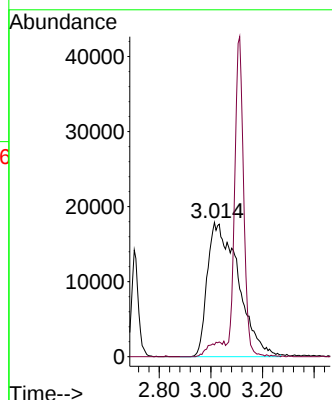
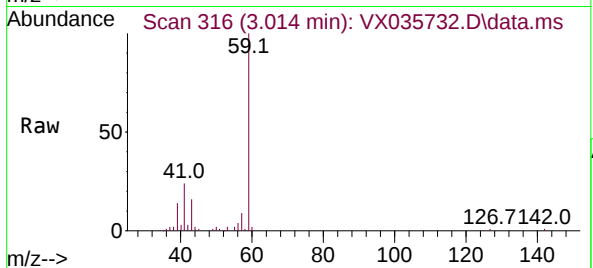
#11
Tert butyl alcohol
Concen: 261.715 ug/l m
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 14922
Ion Ratio Lower Upper
59 100
57 5.0 8.1 12.1

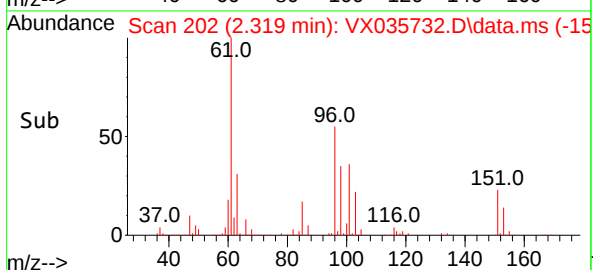
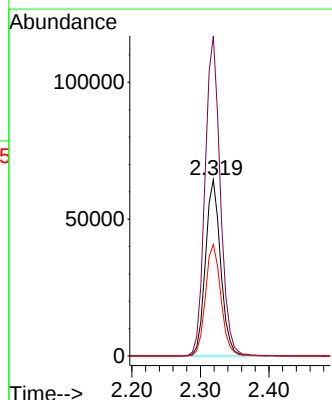
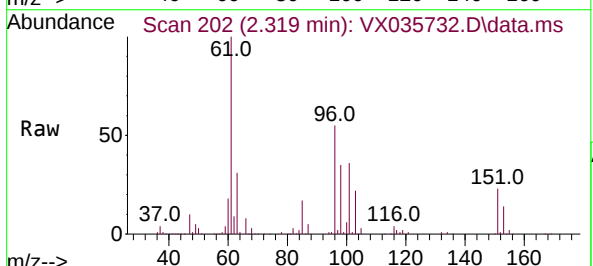
Manual Integrations
APPROVED

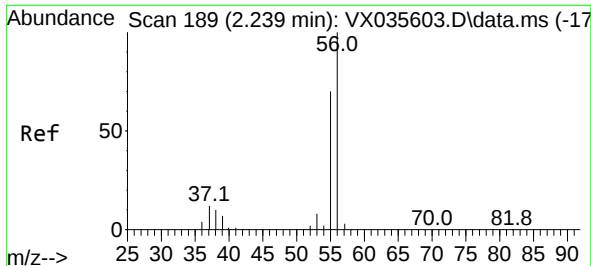
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#12
1,1-Dichloroethene
Concen: 48.079 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 96 Resp: 99188
Ion Ratio Lower Upper
96 100
61 181.7 128.8 193.2
98 63.3 51.4 77.0





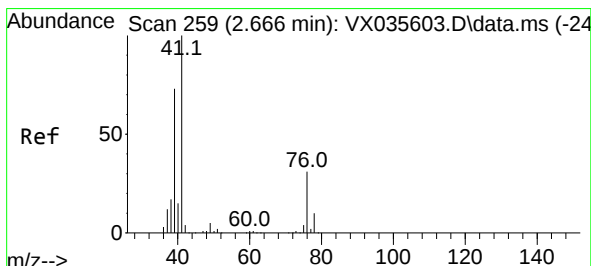
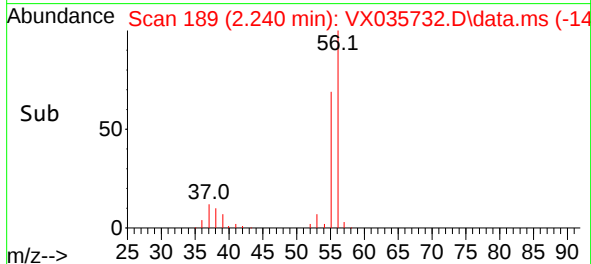
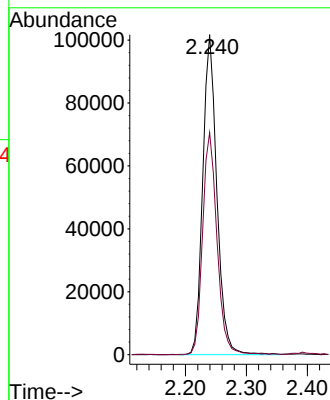
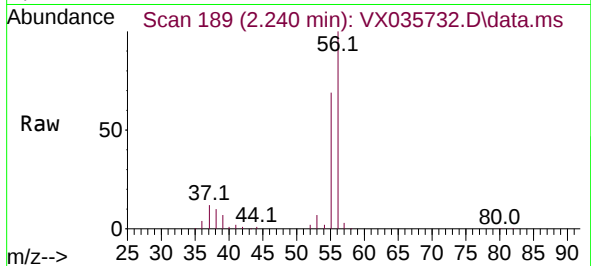
#13
Acrolein
Concen: 242.052 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 16380
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

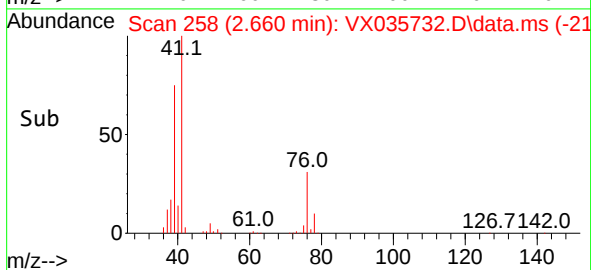
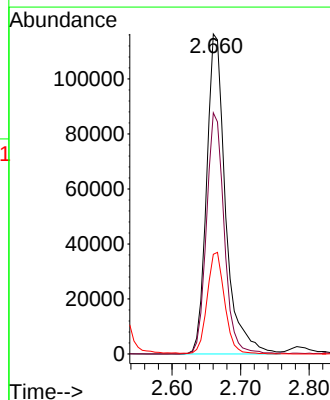
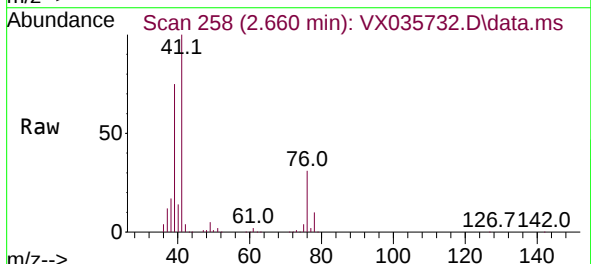
Manual Integrations
APPROVED

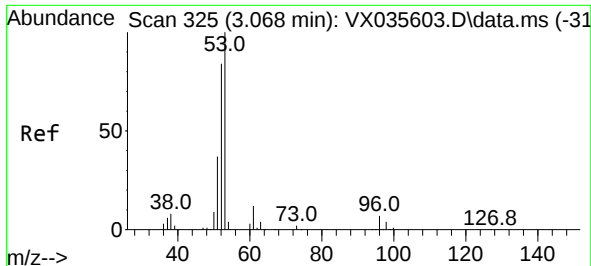
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 50.815 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

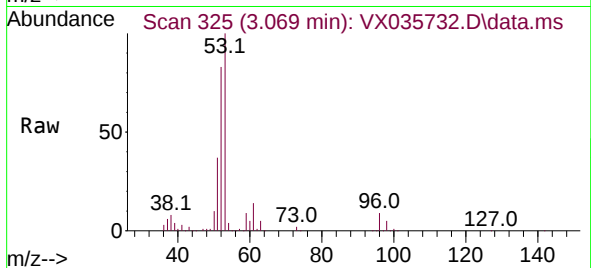
Tgt Ion: 41 Resp: 224587
Ion Ratio Lower Upper
41 100
39 70.2 52.4 78.6
76 29.3 26.0 39.0





#15
Acrylonitrile
Concen: 282.807 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

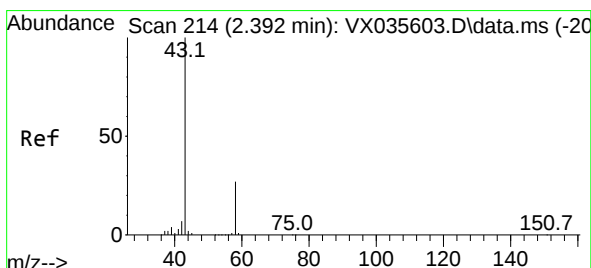
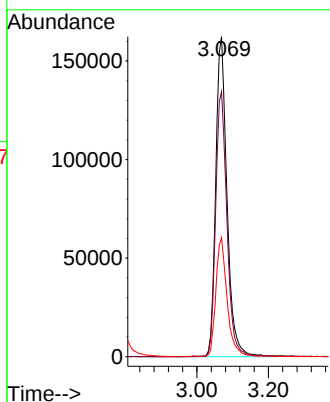
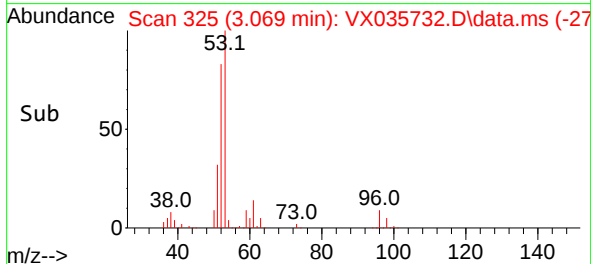
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



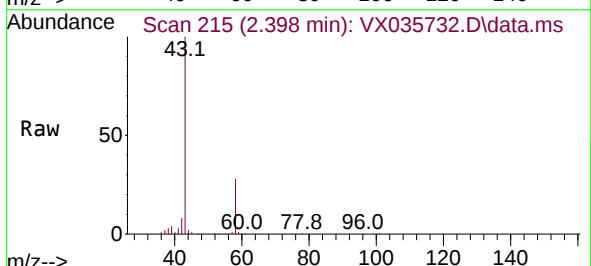
Tgt Ion: 53 Resp: 355079
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.6 28.3 42.5

Manual Integrations
APPROVED

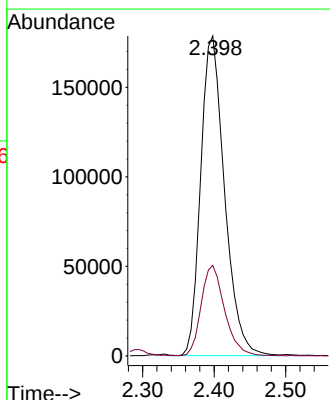
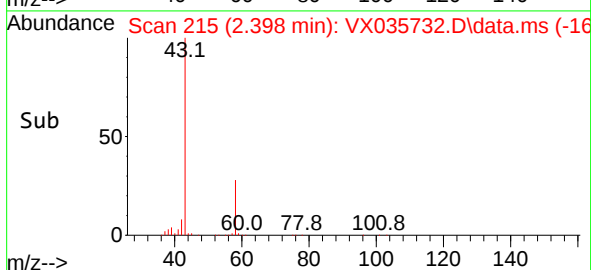
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

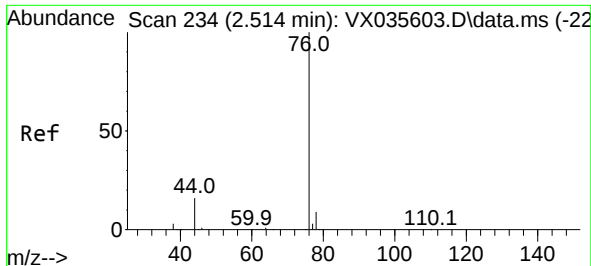


#16
Acetone
Concen: 297.645 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion: 43 Resp: 413433
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1





#17

Carbon Disulfide

Concen: 46.967 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23384

Ion Ratio Lower Upper

76 100

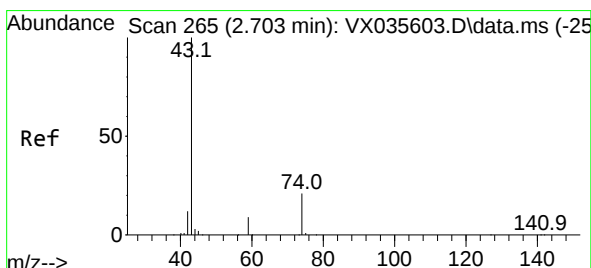
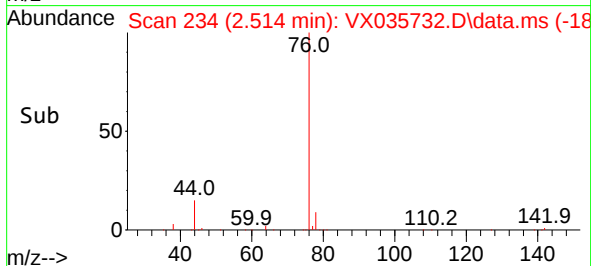
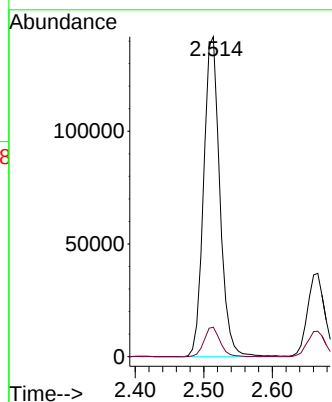
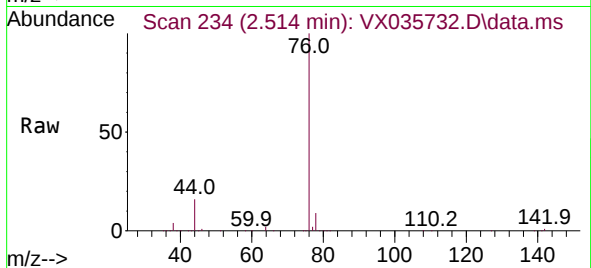
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#18

Methyl Acetate

Concen: 58.373 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035732.D

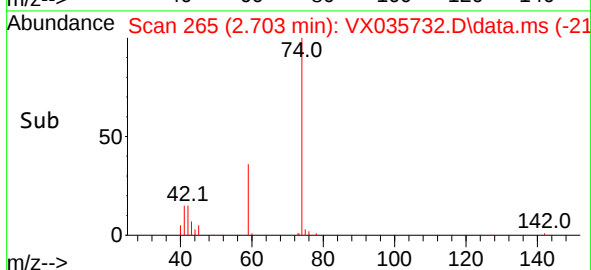
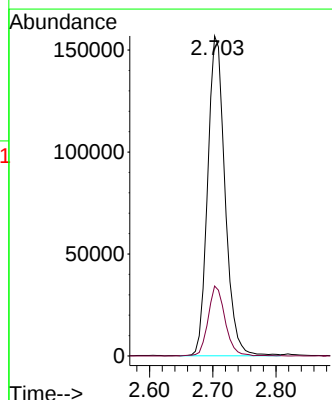
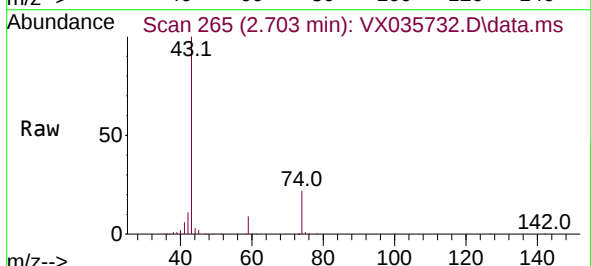
Acq: 18 May 2023 10:29

Tgt Ion: 43 Resp: 299026

Ion Ratio Lower Upper

43 100

74 21.6 18.3 27.5





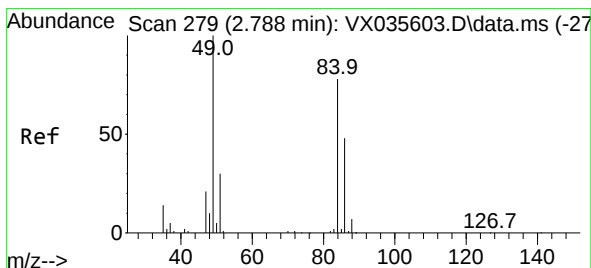
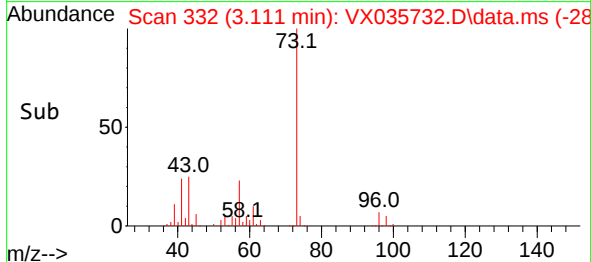
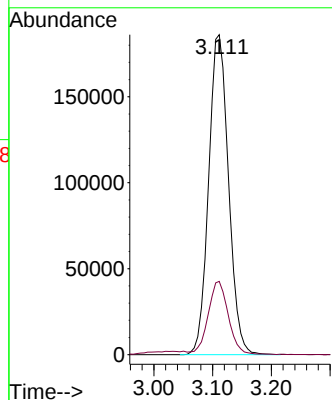
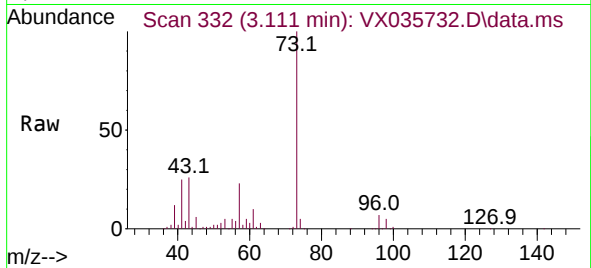
#19
Methyl tert-butyl Ether
Concen: 53.309 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 437638
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

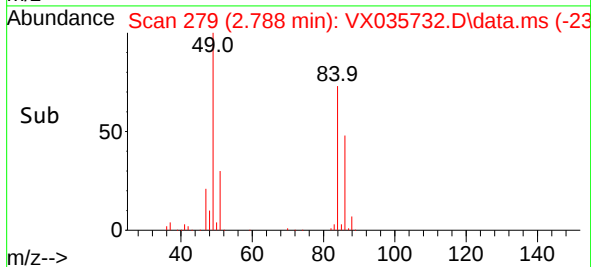
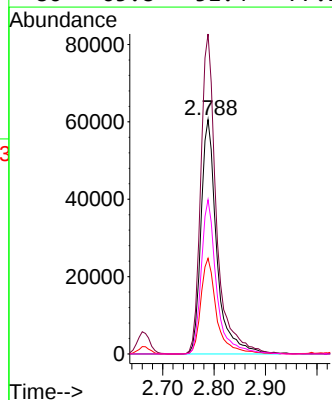
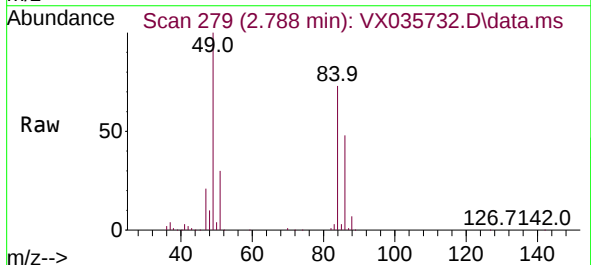
Manual Integrations
APPROVED

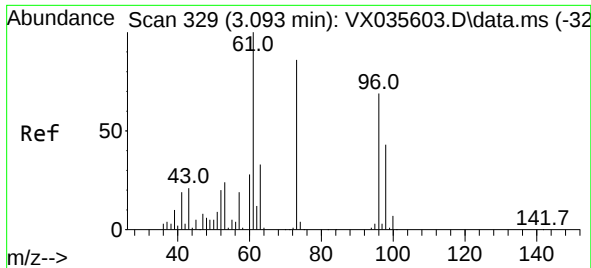
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 51.495 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

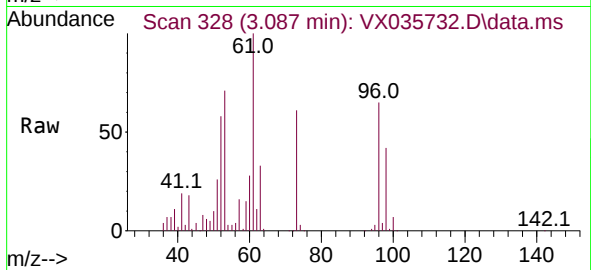
Tgt Ion: 84 Resp: 129633
Ion Ratio Lower Upper
84 100
49 136.5 103.8 155.8
51 40.8 31.8 47.8
86 65.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.332 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

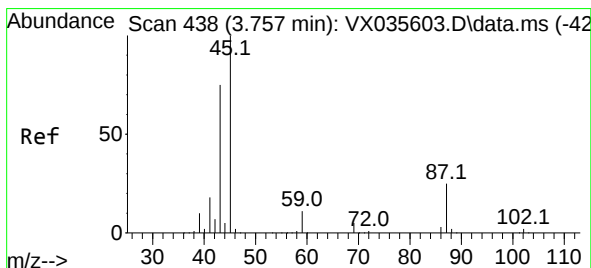
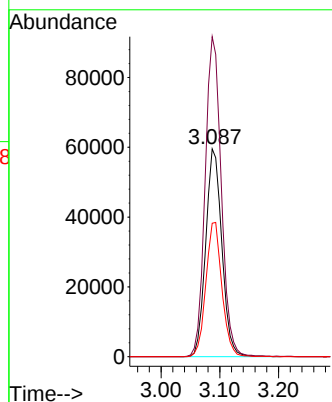
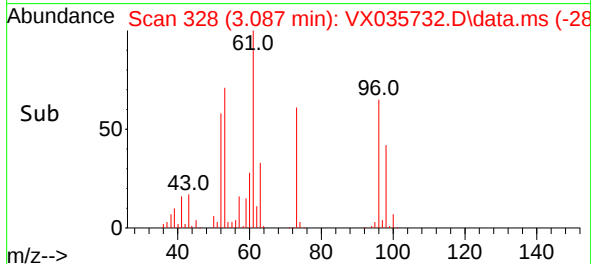
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 113779
Ion Ratio Lower Upper
96 100
61 154.0 113.0 169.6
98 64.2 52.1 78.1

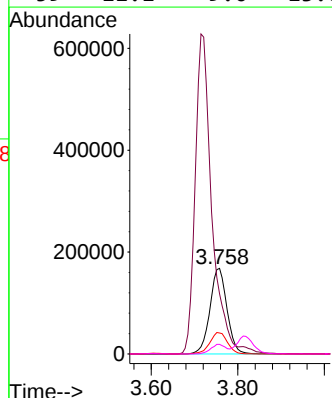
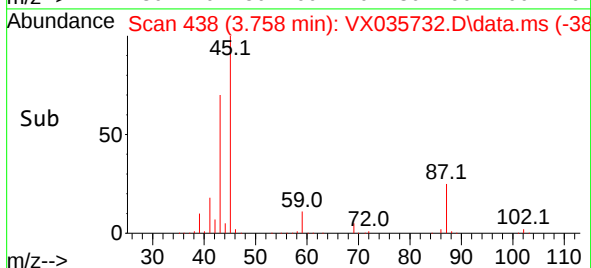
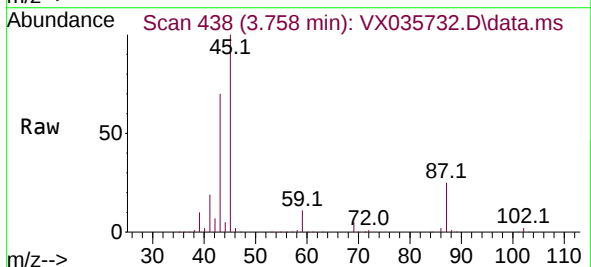
Manual Integrations
APPROVED

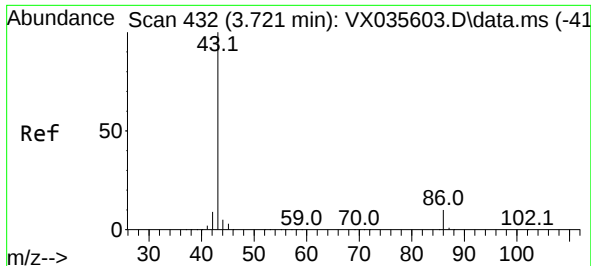
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 53.106 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

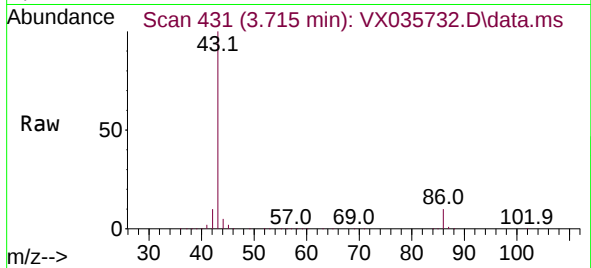
Tgt Ion: 45 Resp: 459550
Ion Ratio Lower Upper
45 100
43 70.0 65.4 98.2
87 24.5 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 275.807 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

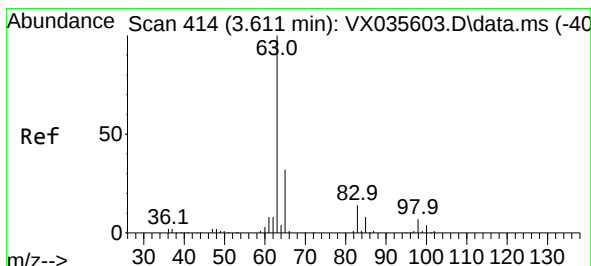
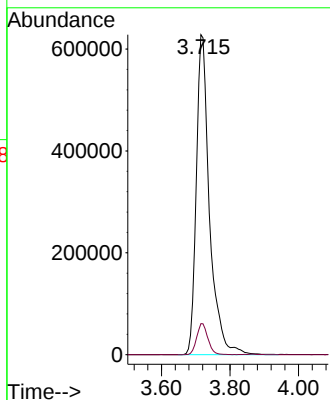
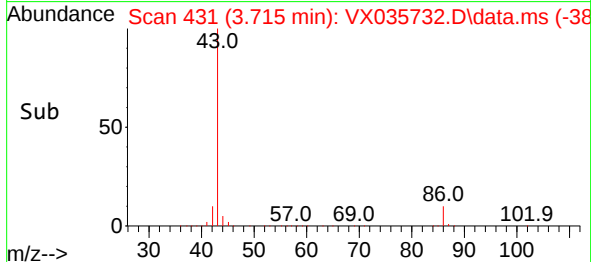
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 168874
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

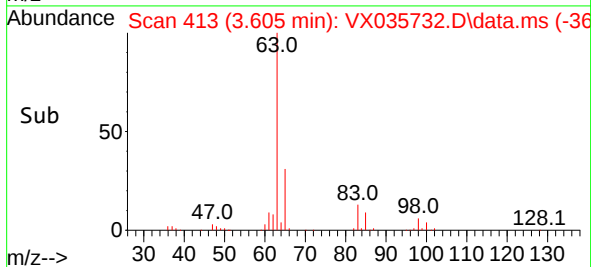
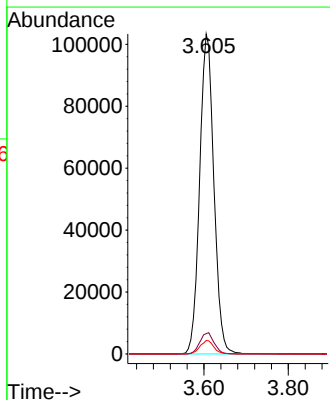
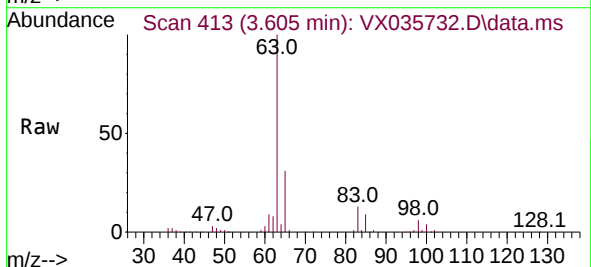
Manual Integrations
 APPROVED

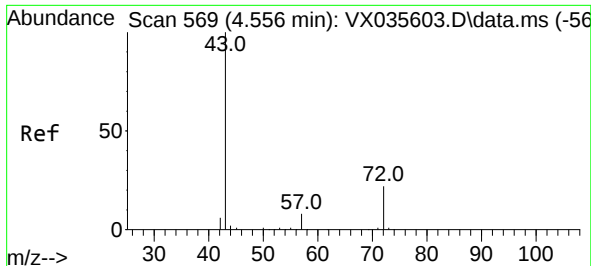
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#24
 1,1-Dichloroethane
 Concen: 52.508 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

Tgt Ion: 63 Resp: 243010
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.2 2.4 7.1





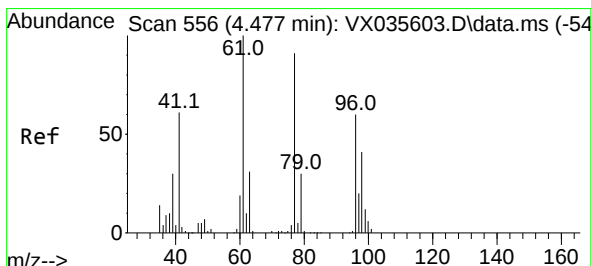
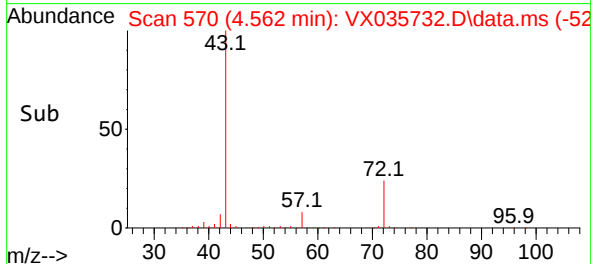
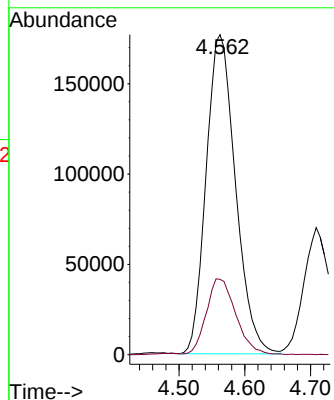
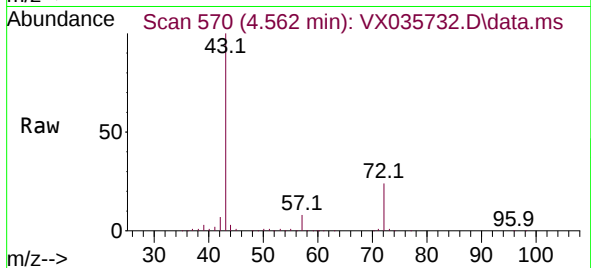
#25
2-Butanone
Concen: 285.733 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 54941
Ion Ratio Lower Upper
43 100
72 23.4 19.3 28.9

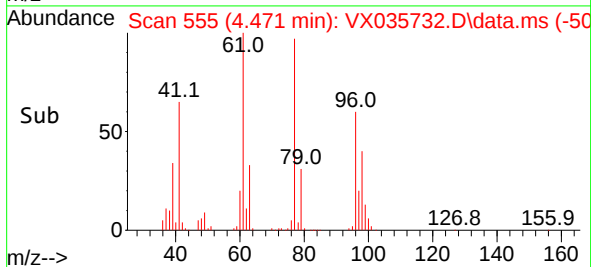
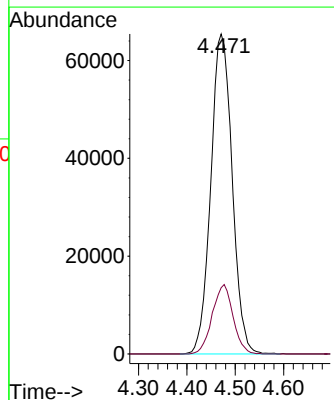
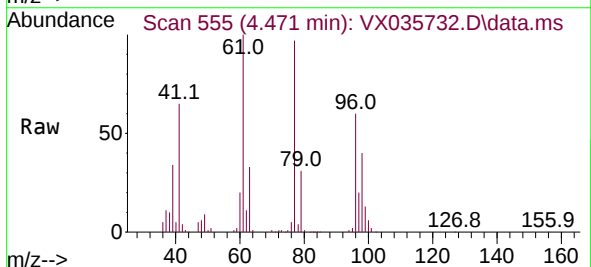
Manual Integrations
APPROVED

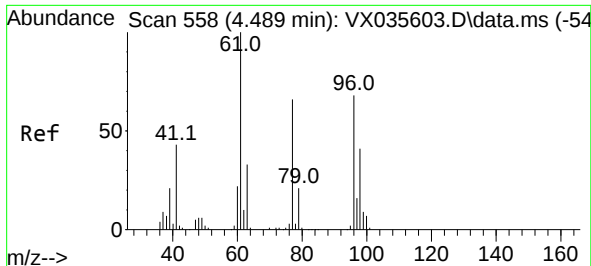
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 51.247 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 77 Resp: 200843
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.757 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14065

Ion Ratio Lower Upper

96 100

61 162.2 0.0 300.4

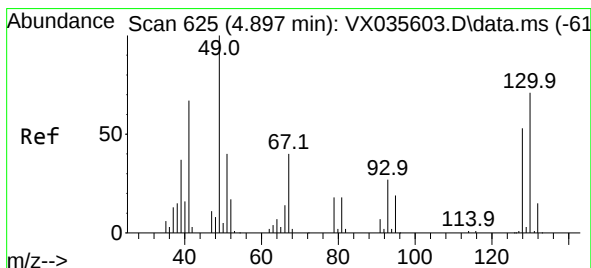
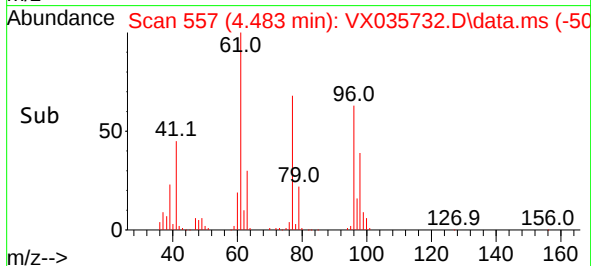
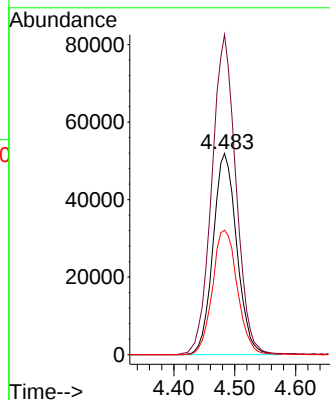
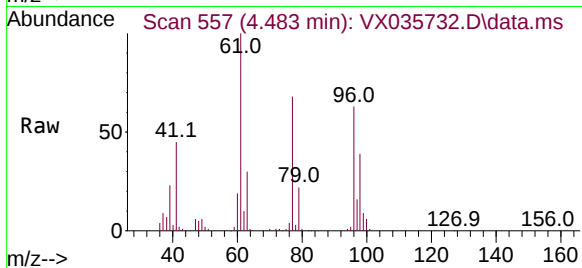
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#28

Bromochloromethane

Concen: 55.385 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

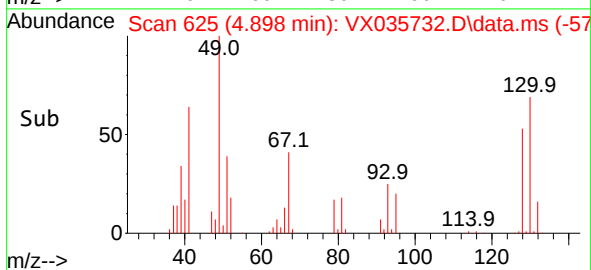
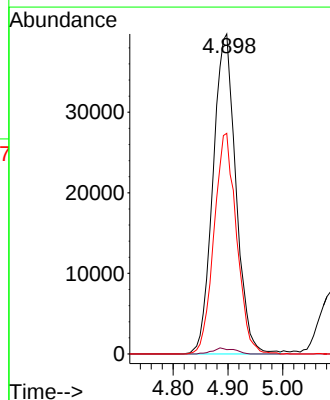
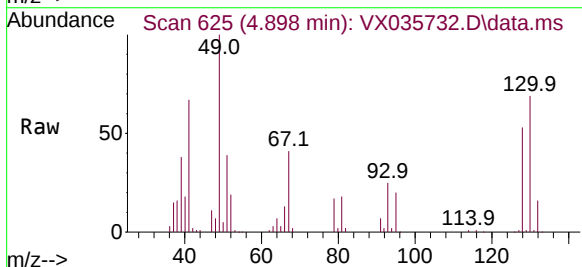
Tgt Ion: 49 Resp: 115294

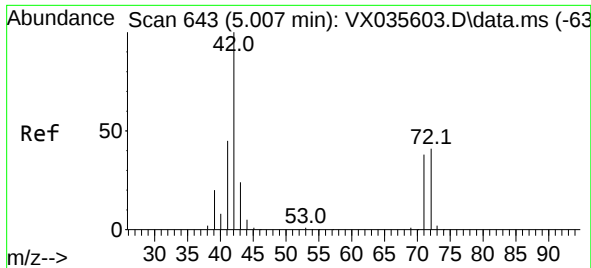
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 67.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 276.721 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 33443

Ion Ratio Lower Upper

42 100

72 41.7 34.5 51.7

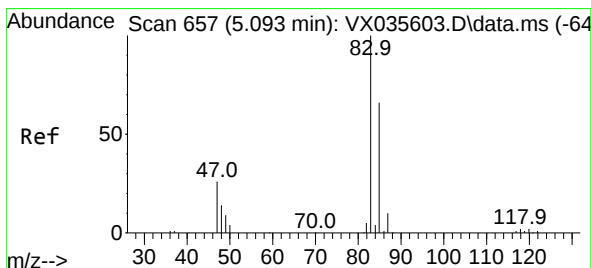
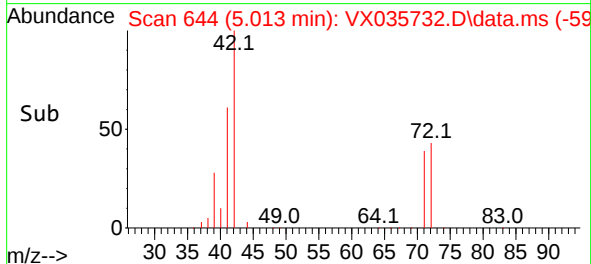
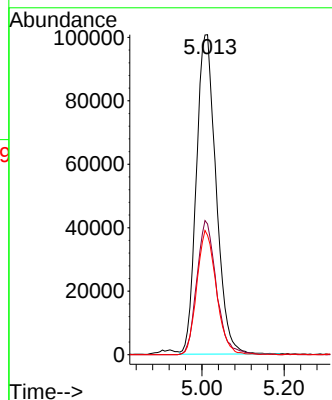
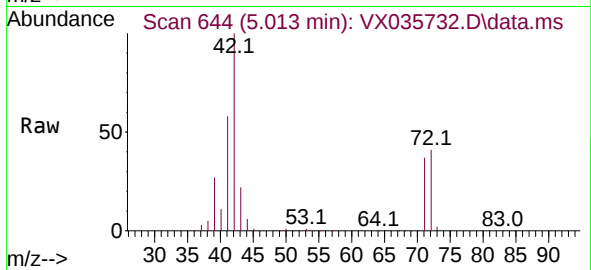
71 38.5 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 52.899 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035732.D

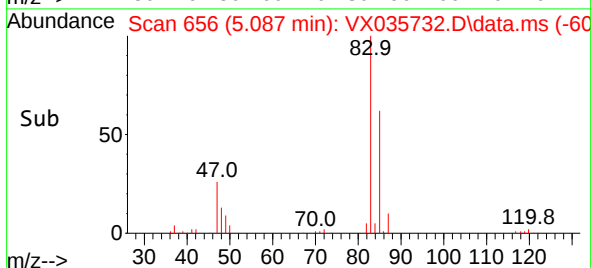
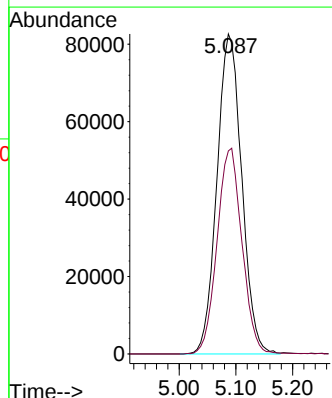
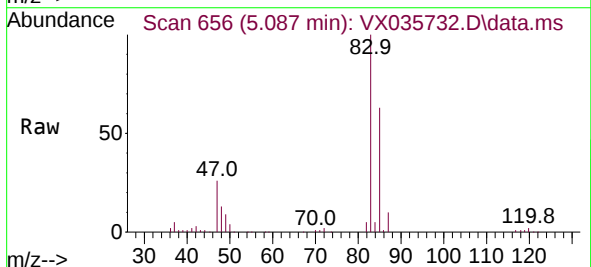
Acq: 18 May 2023 10:29

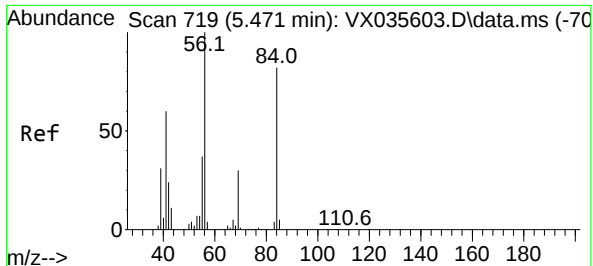
Tgt Ion: 83 Resp: 250871

Ion Ratio Lower Upper

83 100

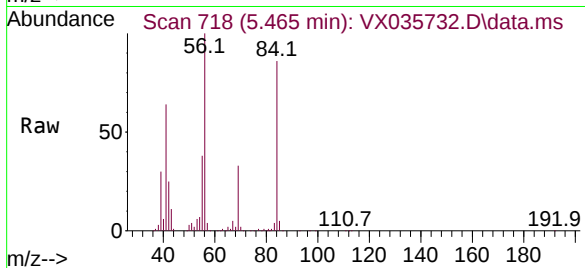
85 63.4 50.6 76.0





#31
Cyclohexane
Concen: 46.658 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

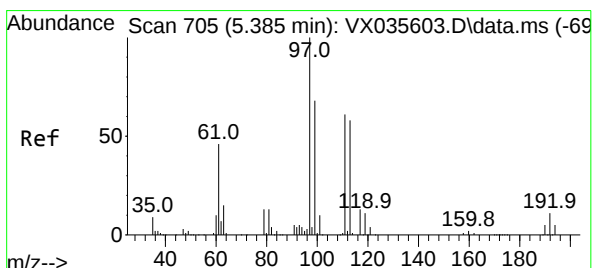
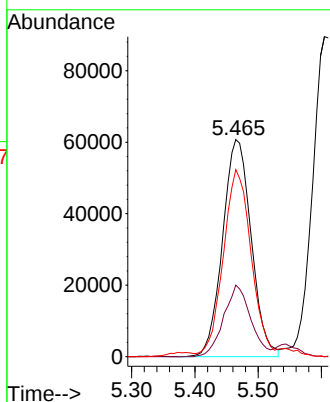
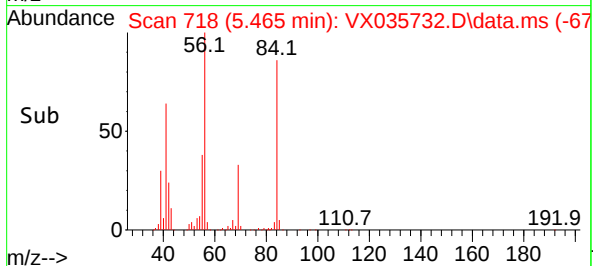
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



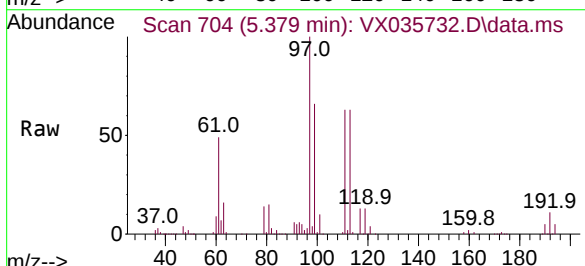
Tgt Ion: 56 Resp: 190512
Ion Ratio Lower Upper
56 100
69 32.9 23.7 35.5
84 84.2 68.5 102.7

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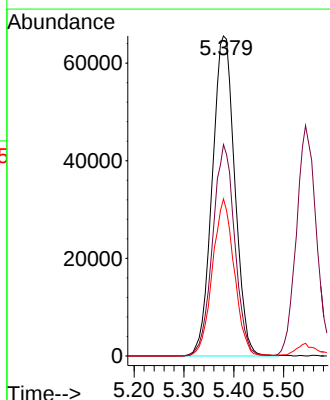
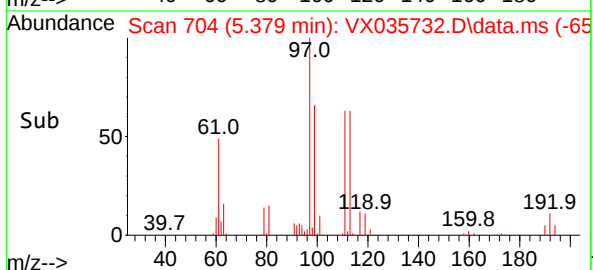
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#32
1,1,1-Trichloroethane
Concen: 49.907 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion: 97 Resp: 205932
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 47.5 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.578 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 179618

Ion Ratio Lower Upper

65 100

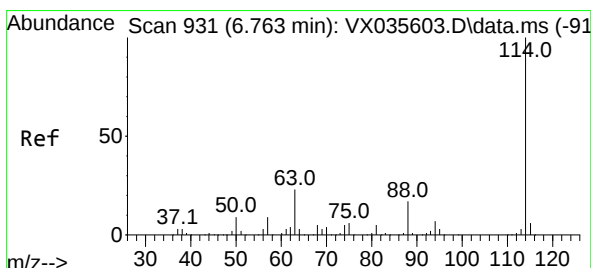
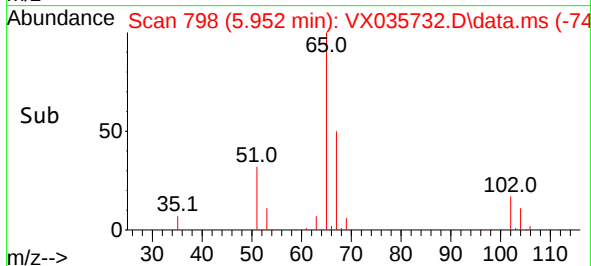
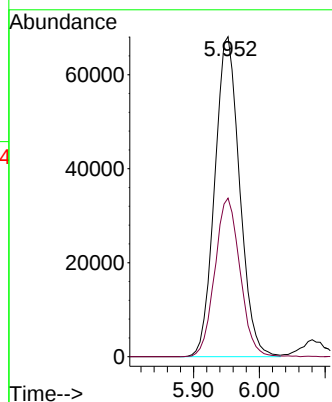
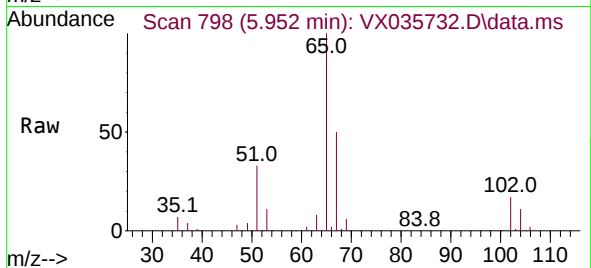
67 50.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

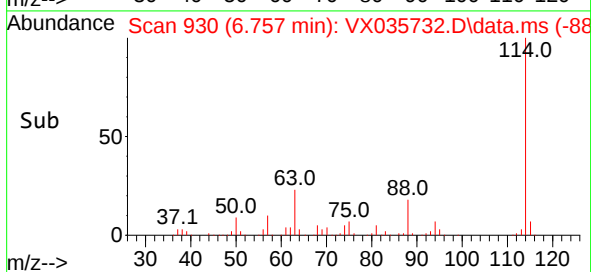
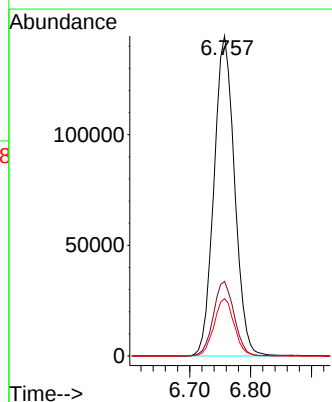
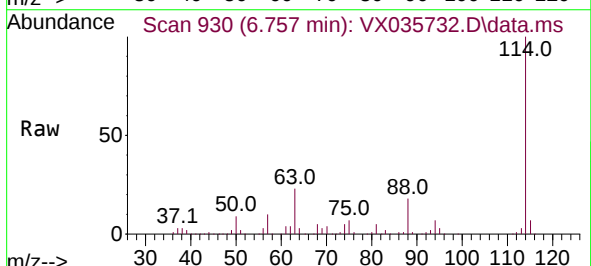
Tgt Ion:114 Resp: 339279

Ion Ratio Lower Upper

114 100

63 23.3 0.0 42.2

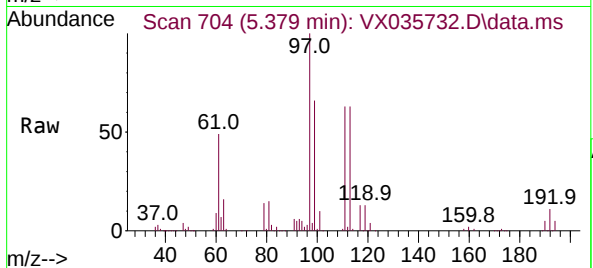
88 17.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.156 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

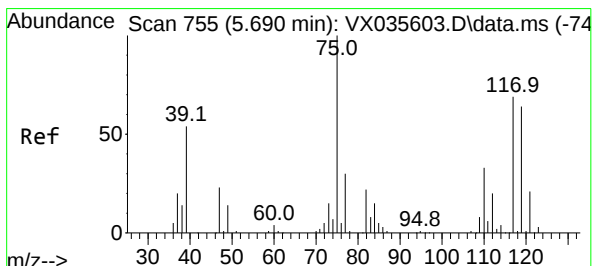
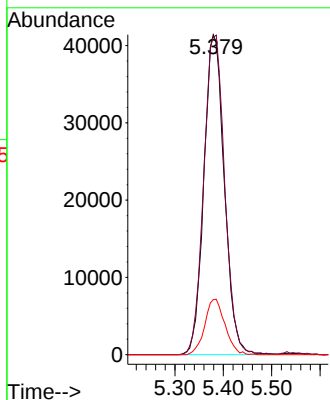
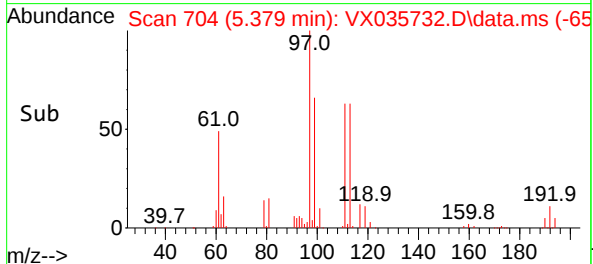
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 121620
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 17.2 15.4 23.2

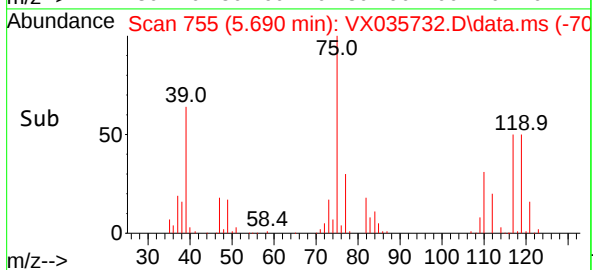
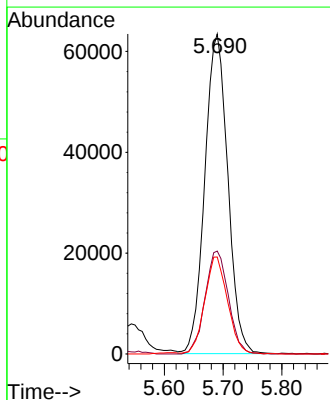
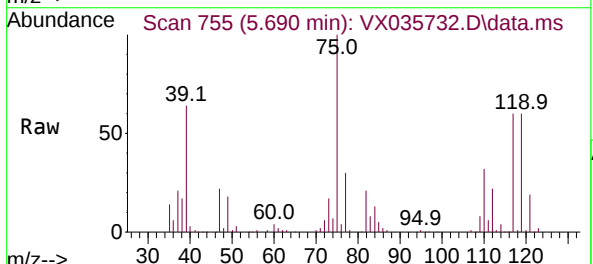
Manual Integrations
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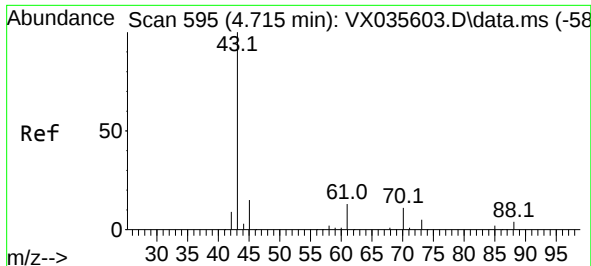
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#36
1,1-Dichloropropene
Concen: 47.635 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 75 Resp: 172043
Ion Ratio Lower Upper
75 100
110 32.7 17.5 52.5
77 30.2 24.3 36.5





#37

Ethyl Acetate

Concen: 53.832 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 202790

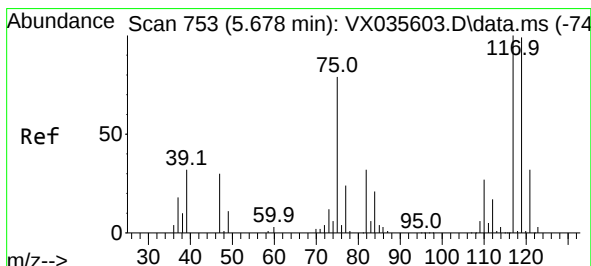
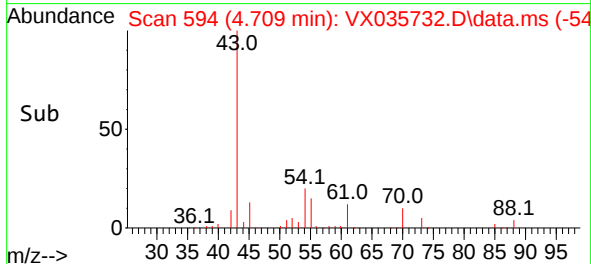
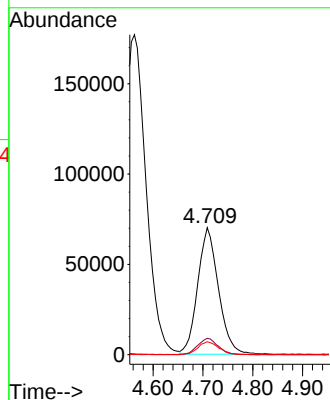
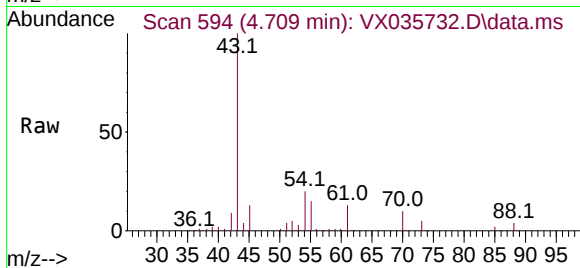
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.4
70	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 48.599 ug/l

RT: 5.678 min Scan# 753

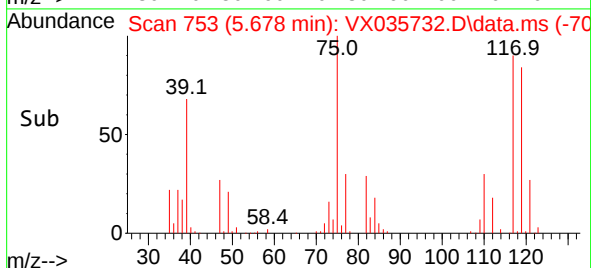
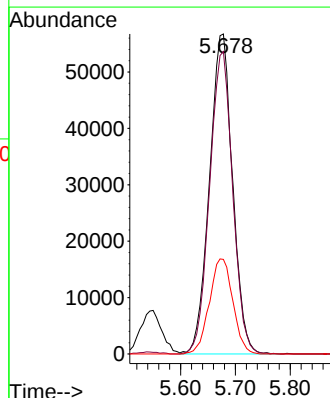
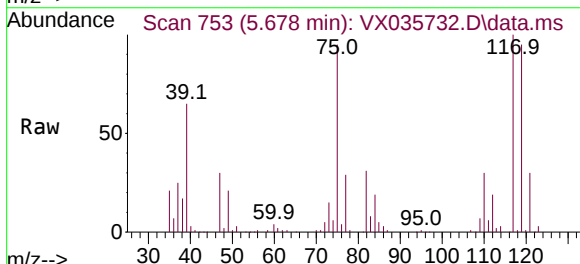
Delta R.T. -0.000 min

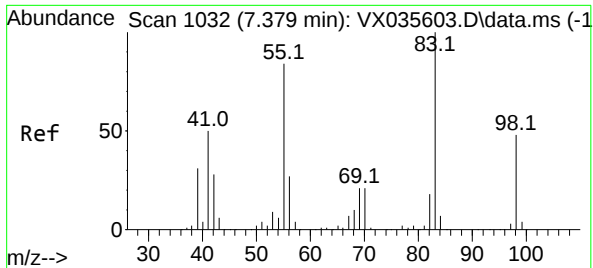
Lab File: VX035732.D

Acq: 18 May 2023 10:29

Tgt Ion:117 Resp: 166270

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	29.6	23.8	35.6





#39
Methylcyclohexane
Concen: 45.078 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

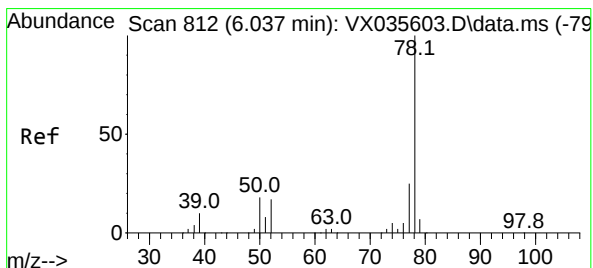
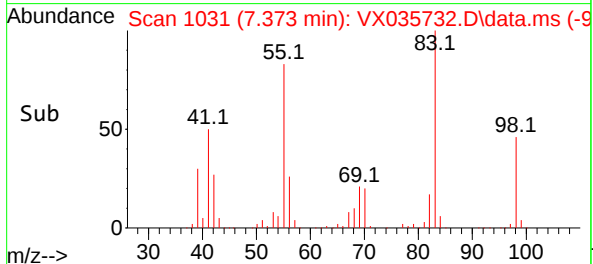
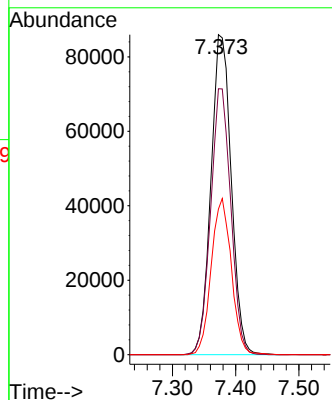
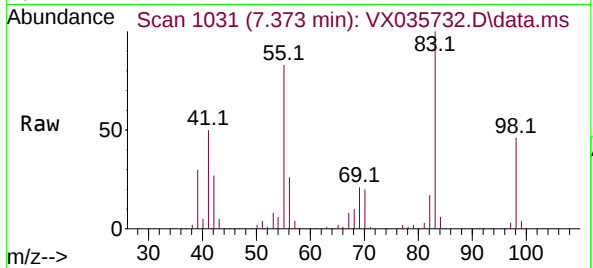
Tgt Ion: 83 Resp: 19164
Ion Ratio Lower Upper
83 100
55 83.1 60.5 90.7
98 45.5 40.4 60.6

Manual Integrations

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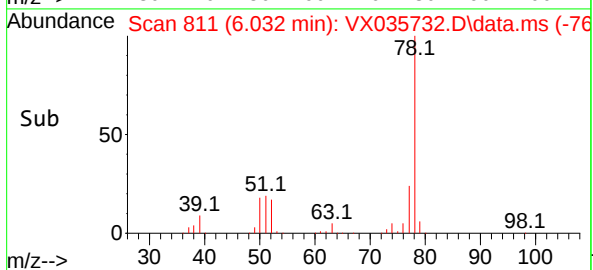
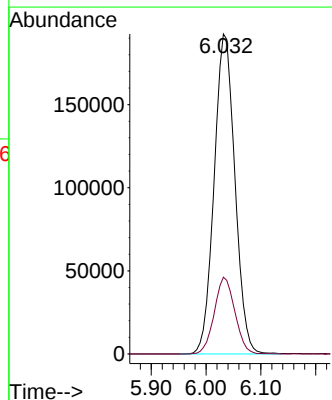
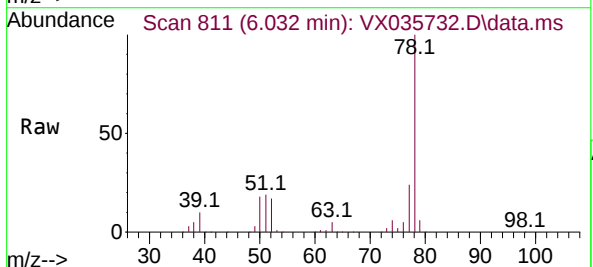
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#40
Benzene
Concen: 50.228 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.005 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

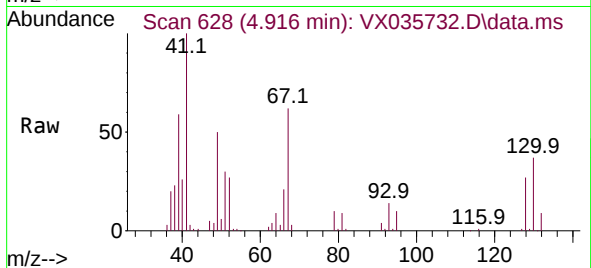
Tgt Ion: 78 Resp: 507490
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 52.591 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

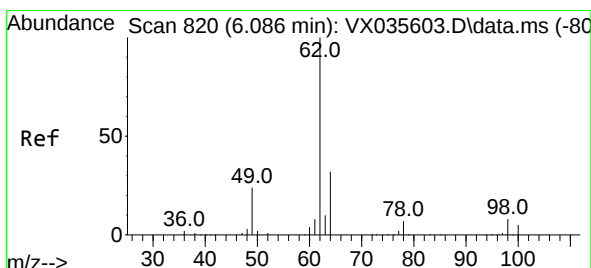
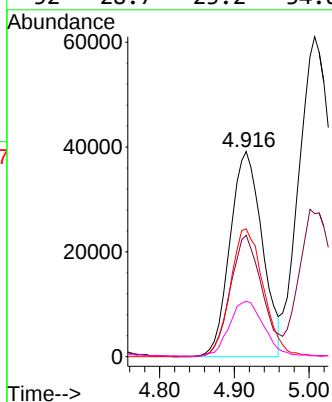
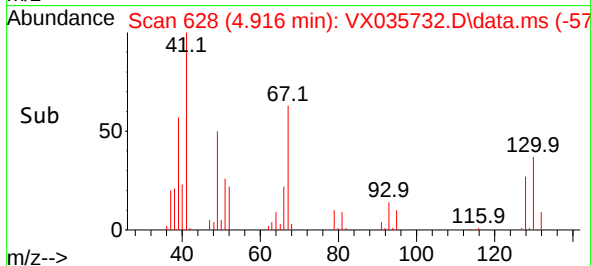
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 11762
Ion Ratio Lower Upper
41 100
39 59.0 45.0 67.6
67 64.4 55.6 83.4
52 28.7 23.2 34.8

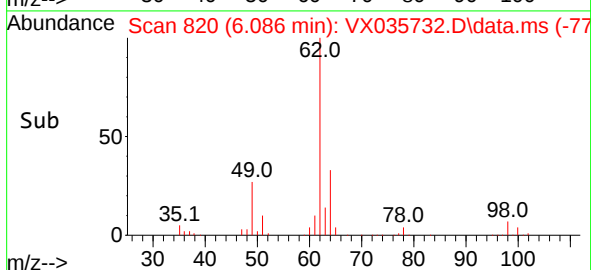
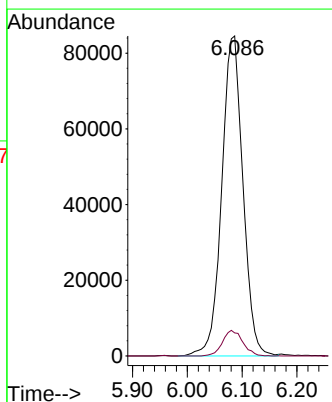
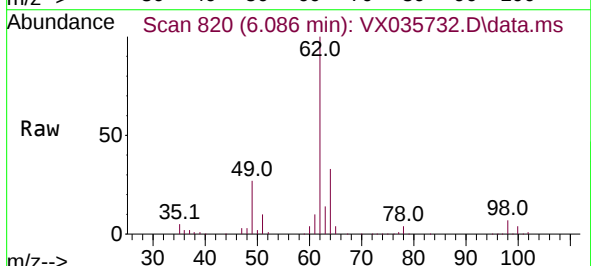
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#42
1,2-Dichloroethane
Concen: 52.285 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 62 Resp: 227246
Ion Ratio Lower Upper
62 100
98 7.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 52.903 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 34751

Ion Ratio Lower Upper

43 100

61 18.5 15.2 22.8

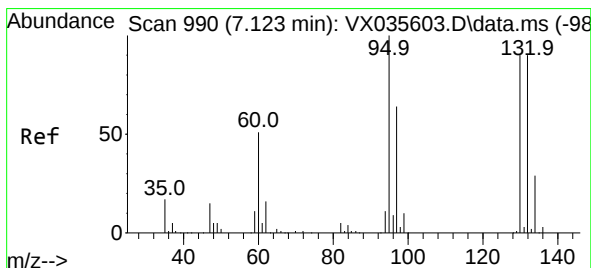
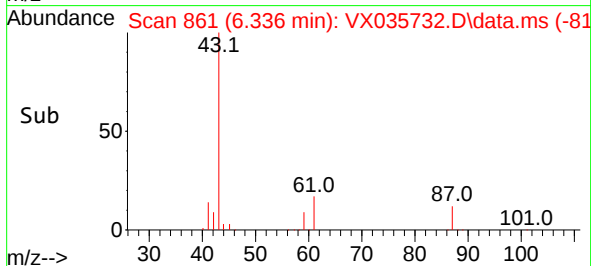
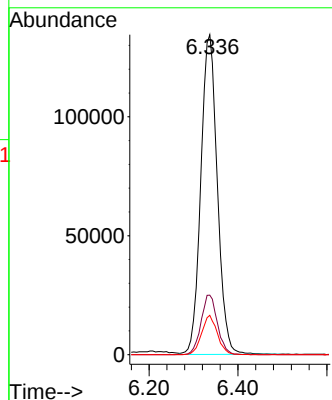
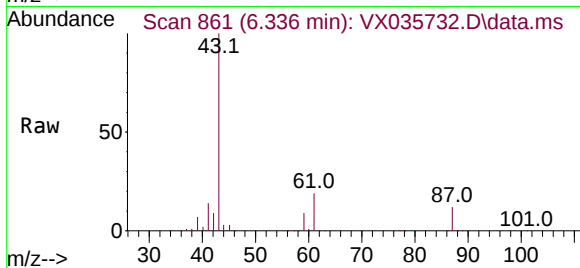
87 11.7 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#44

Trichloroethene

Concen: 47.620 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035732.D

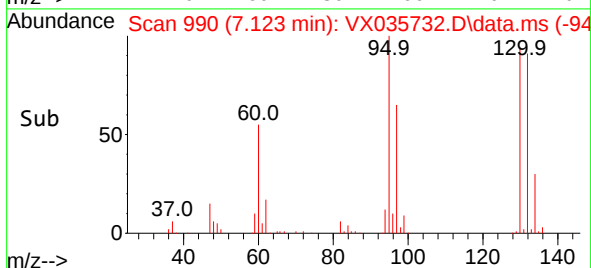
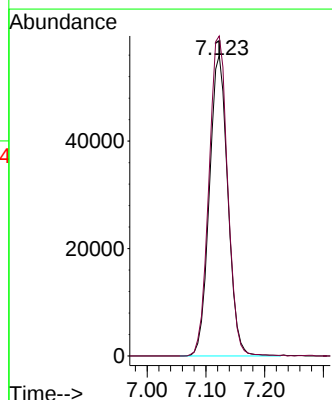
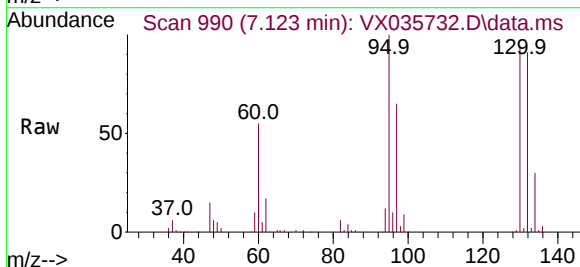
Acq: 18 May 2023 10:29

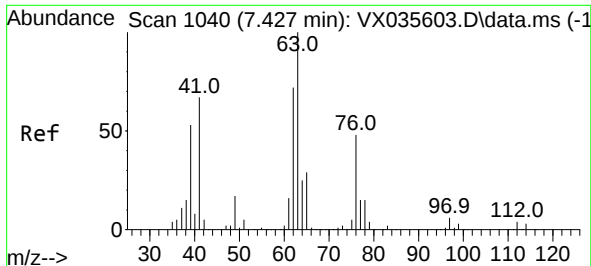
Tgt Ion:130 Resp: 121998

Ion Ratio Lower Upper

130 100

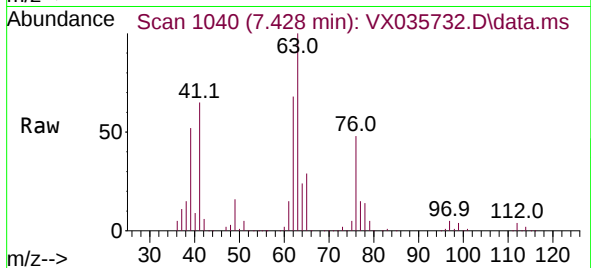
95 106.4 0.0 198.4





#45
1,2-Dichloropropane
Concen: 52.056 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

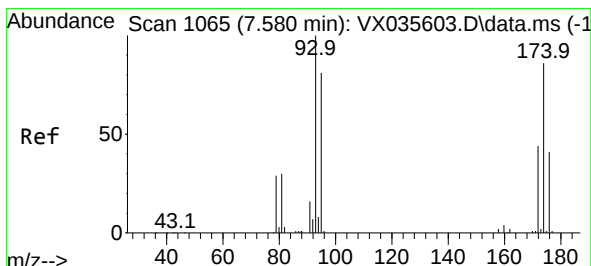
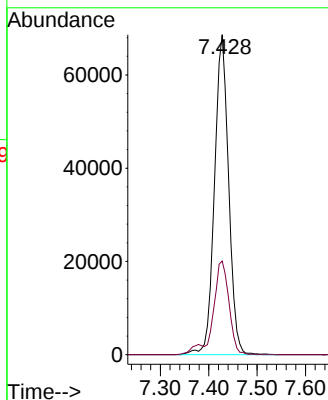
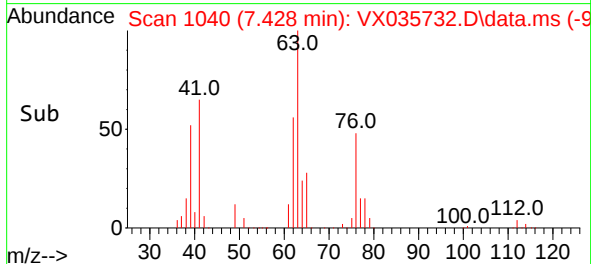
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 13929
Ion Ratio Lower Upper
63 100
65 29.3 24.6 37.0

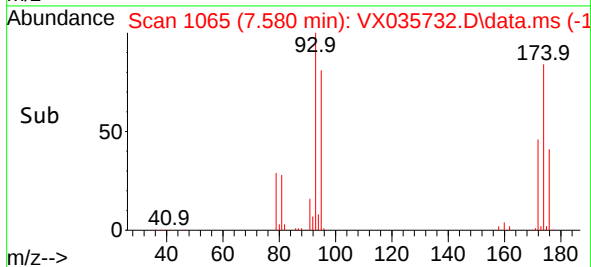
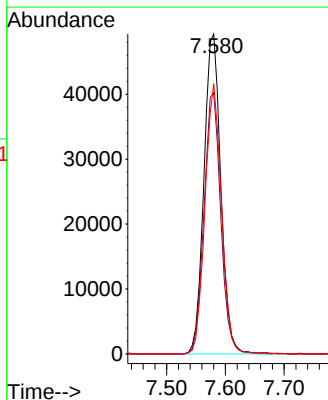
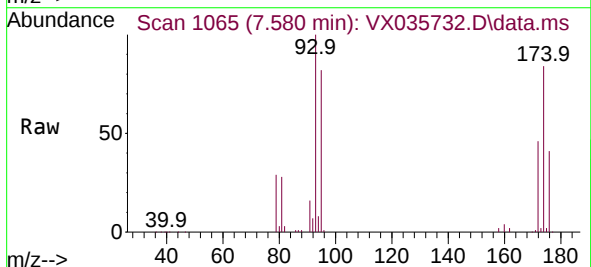
Manual Integrations
APPROVED

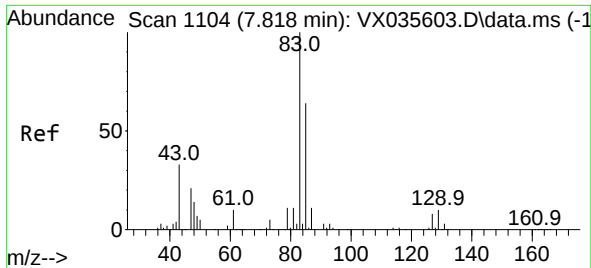
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#46
Dibromomethane
Concen: 53.622 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 93 Resp: 98219
Ion Ratio Lower Upper
93 100
95 81.3 66.9 100.3
174 82.8 75.4 113.0





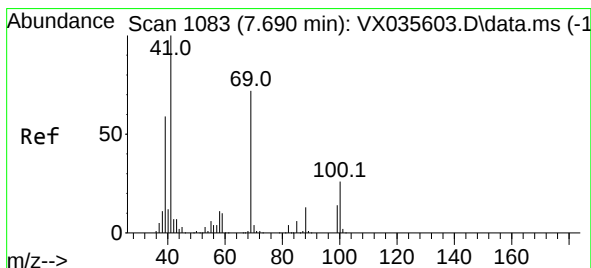
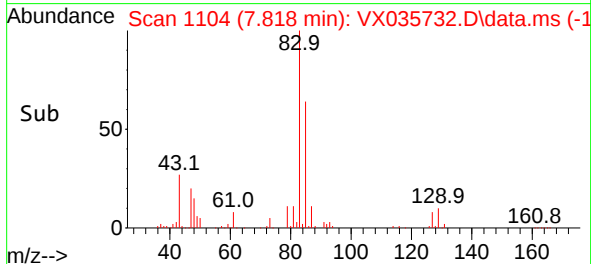
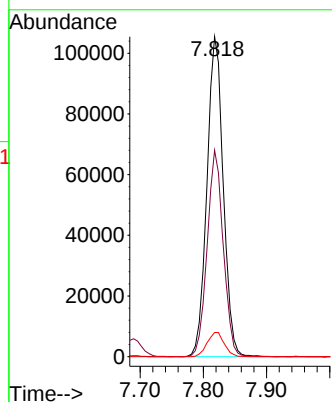
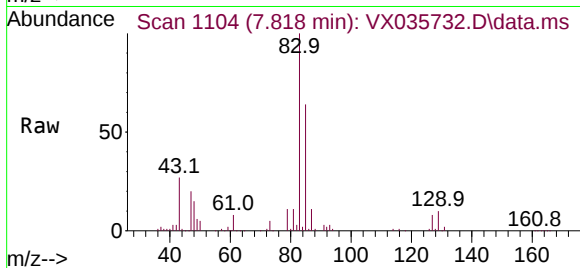
#47
Bromodichloromethane
Concen: 53.437 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18918
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 7.5 6.6 9.8

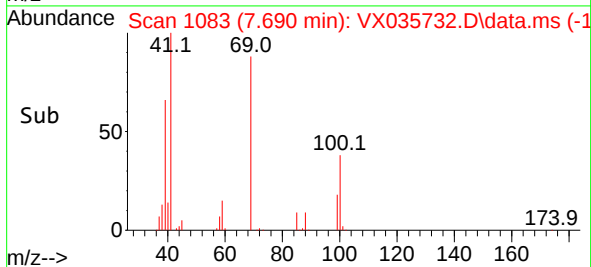
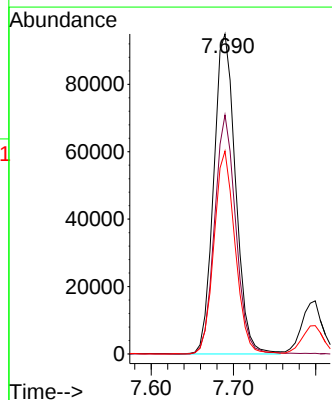
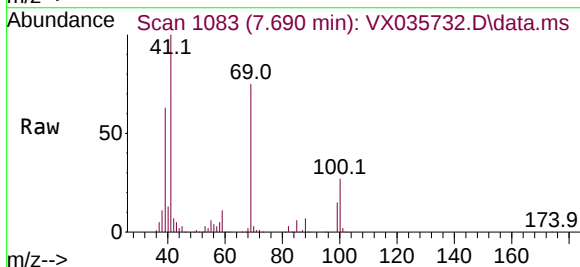
Manual Integrations
APPROVED

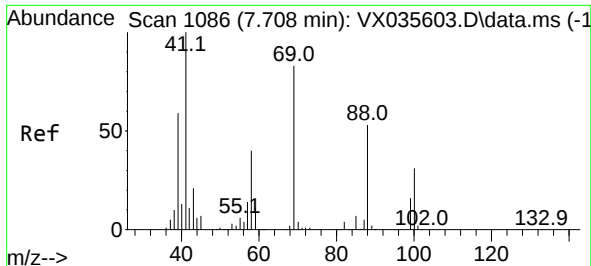
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 54.098 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

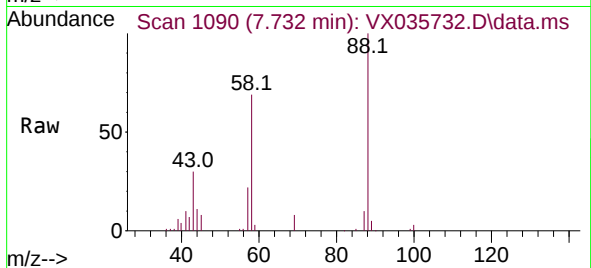
Tgt Ion: 41 Resp: 175377
Ion Ratio Lower Upper
41 100
69 72.6 62.2 93.4
39 61.3 47.7 71.5





#49
1,4-Dioxane
Concen: 983.160 ug/l
RT: 7.732 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

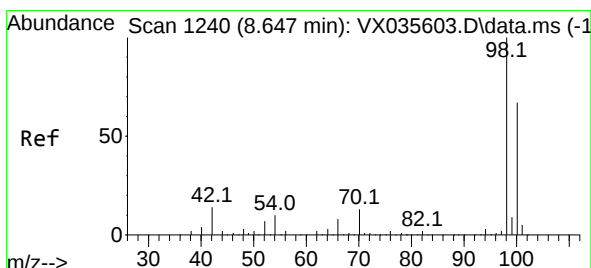
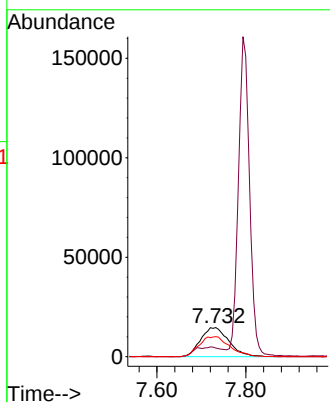
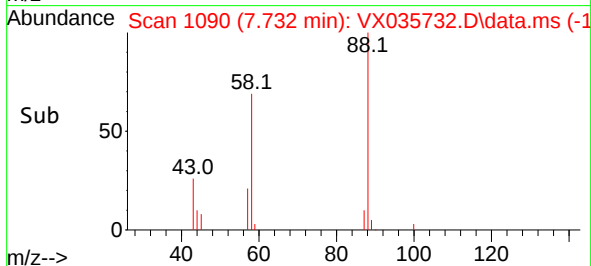
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 64610
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 74.4 56.8 85.2

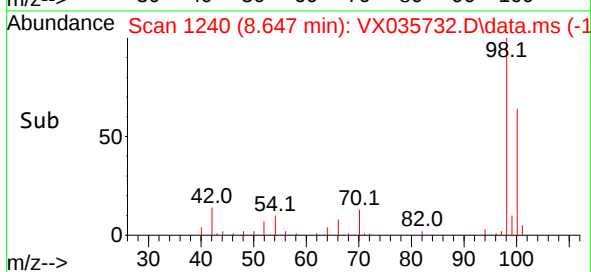
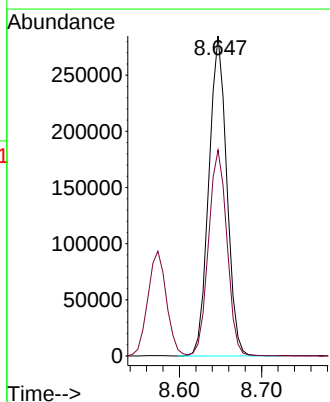
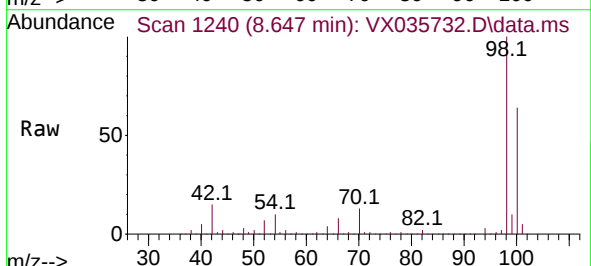
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#50
Toluene-d8
Concen: 50.957 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 98 Resp: 430727
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





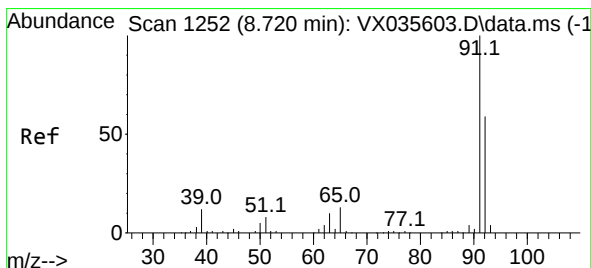
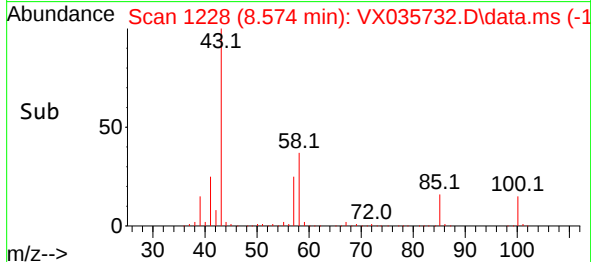
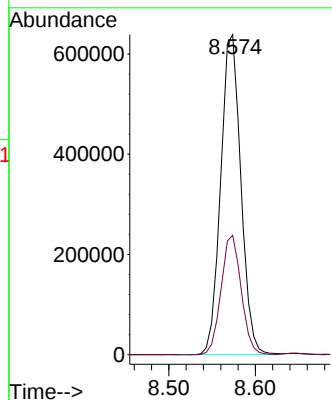
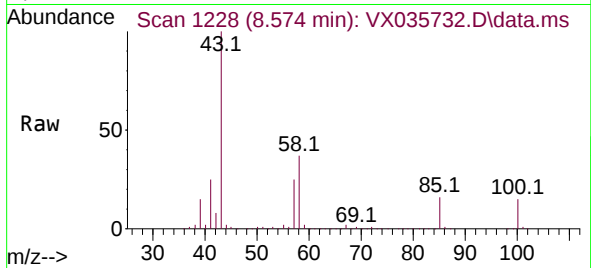
#51
4-Methyl-2-Pentanone
Concen: 273.294 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103425
Ion Ratio Lower Upper
43 100
58 37.1 30.6 46.0

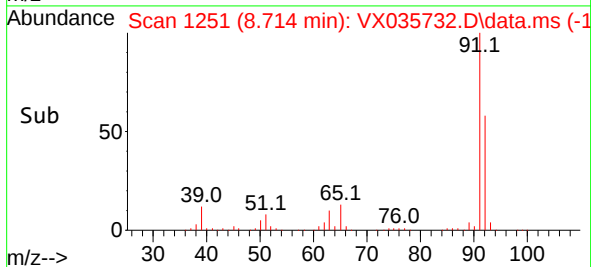
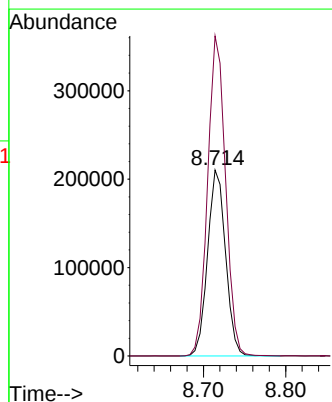
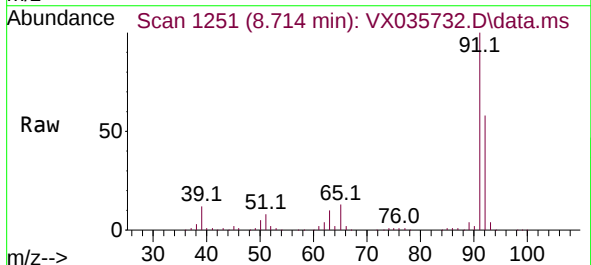
Manual Integrations
APPROVED

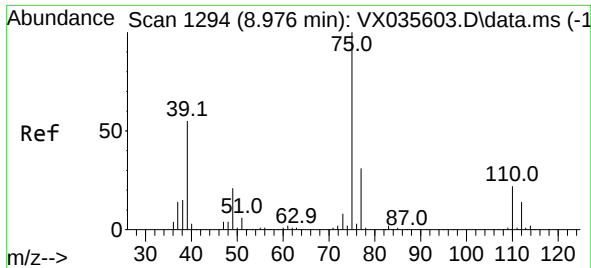
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 50.122 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 92 Resp: 319668
Ion Ratio Lower Upper
92 100
91 171.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 55.876 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 214924

Ion Ratio Lower Upper

75 100

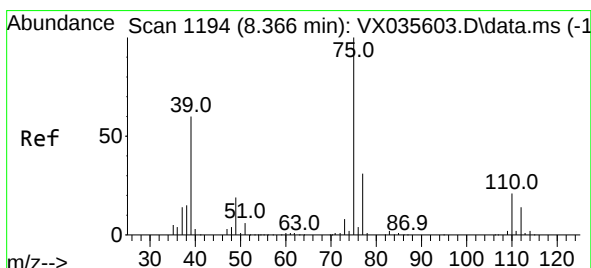
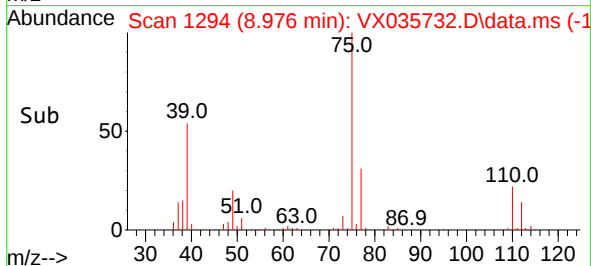
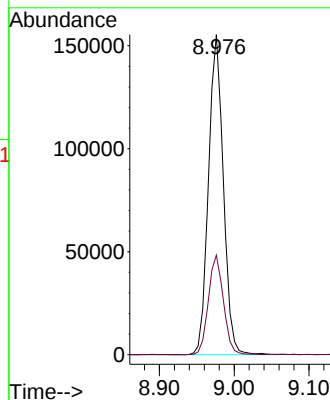
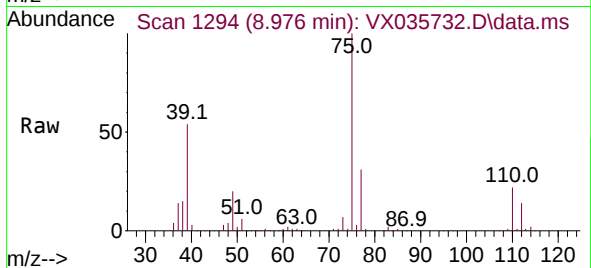
77 31.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#54

cis-1,3-Dichloropropene

Concen: 54.363 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

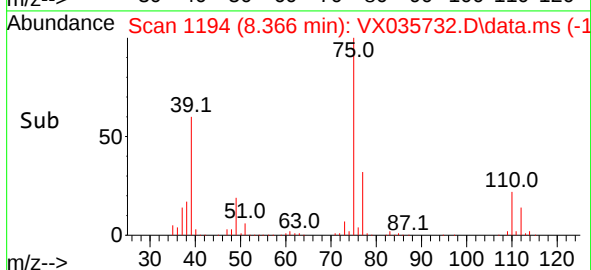
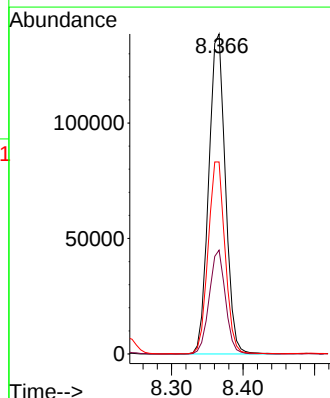
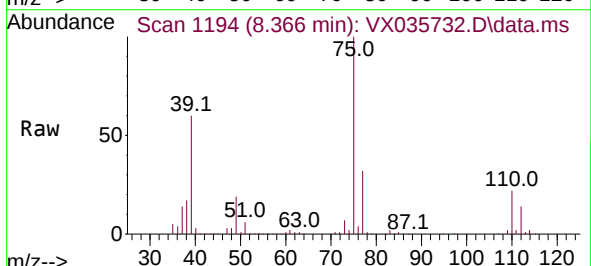
Tgt Ion: 75 Resp: 224034

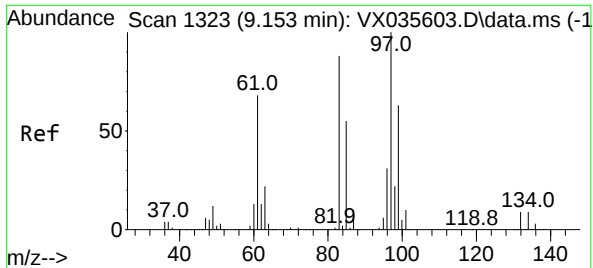
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

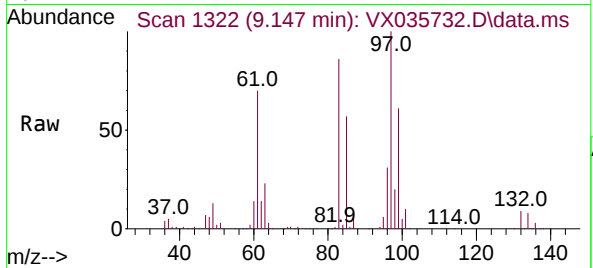
39 59.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 52.999 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

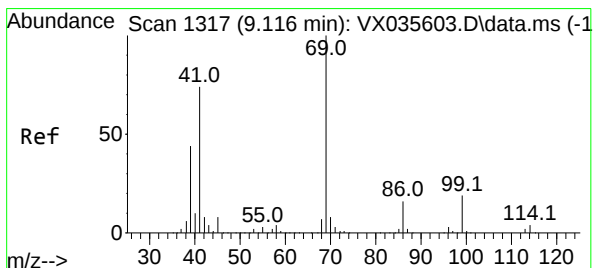
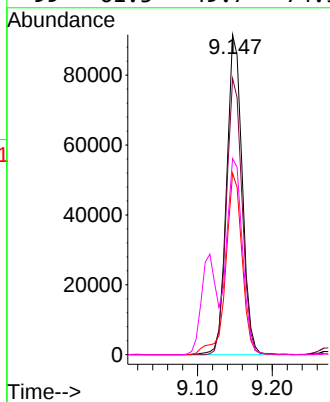
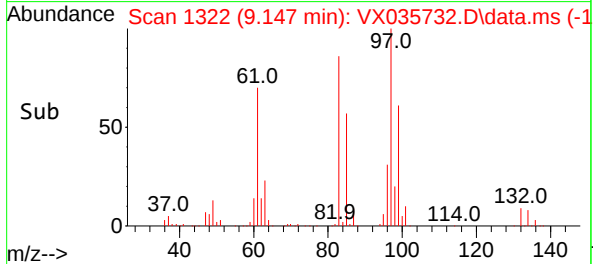
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.7	104.5
85	56.7	43.7	65.5
99	61.3	49.7	74.5

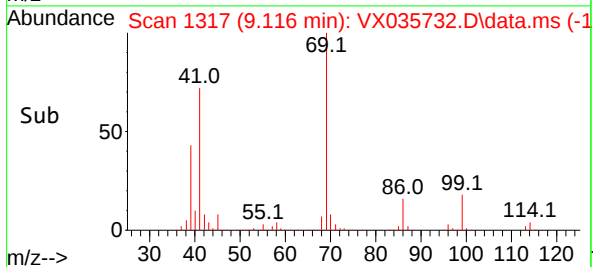
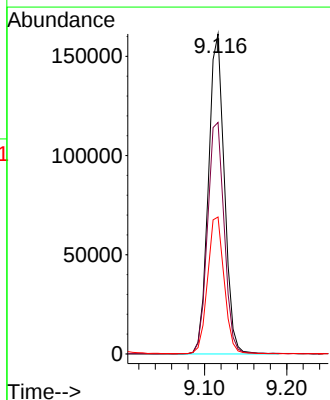
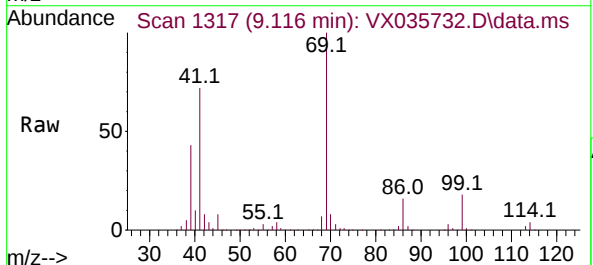
Manual Integrations
APPROVED

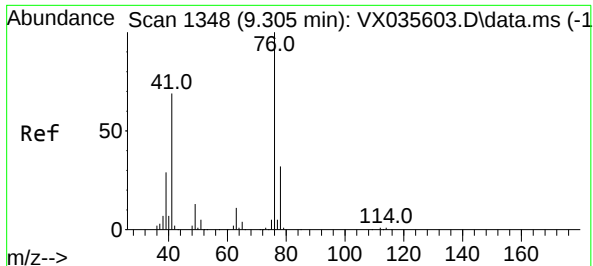
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#56
Ethyl methacrylate
Concen: 53.664 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.4	57.4	86.0
39	44.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 52.869 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24008

Ion Ratio Lower Upper

76 100

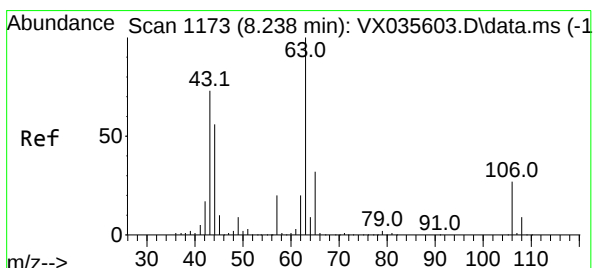
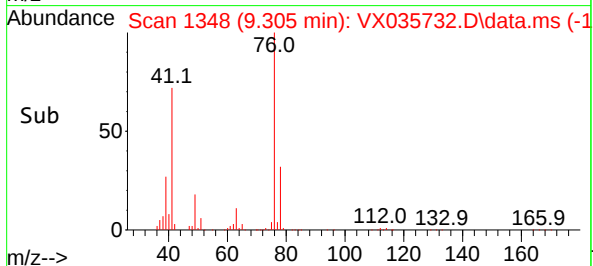
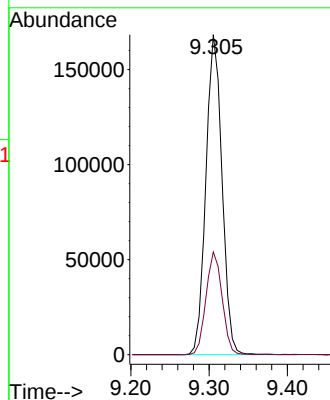
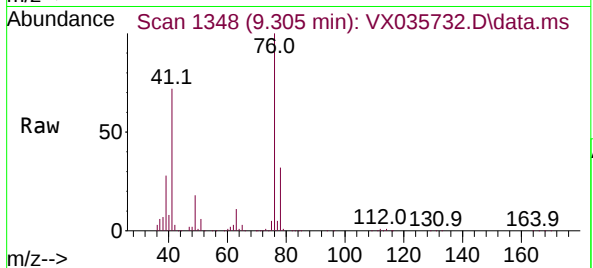
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 231.076 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035732.D

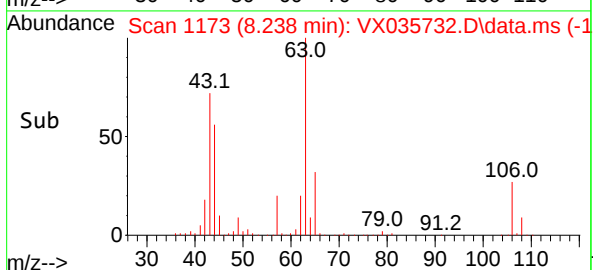
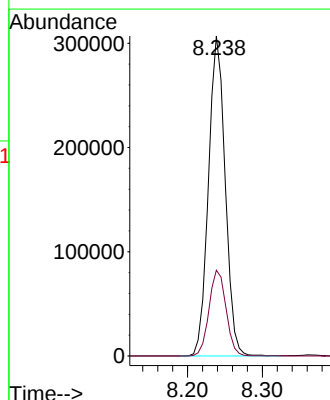
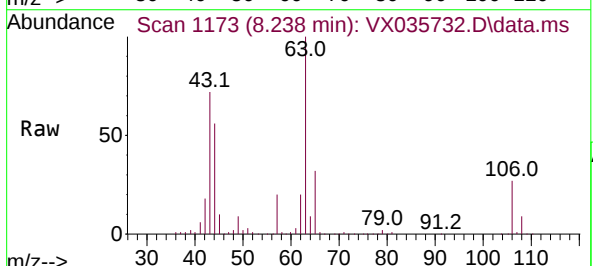
Acq: 18 May 2023 10:29

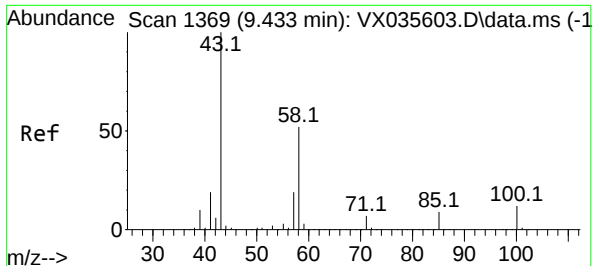
Tgt Ion: 63 Resp: 476865

Ion Ratio Lower Upper

63 100

106 27.2 22.2 33.2





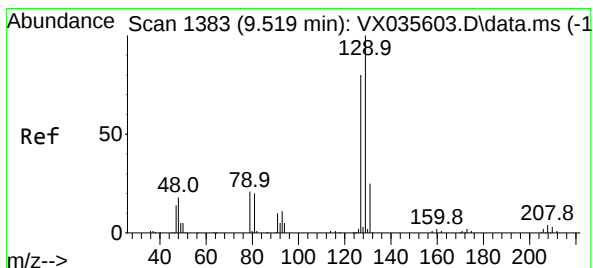
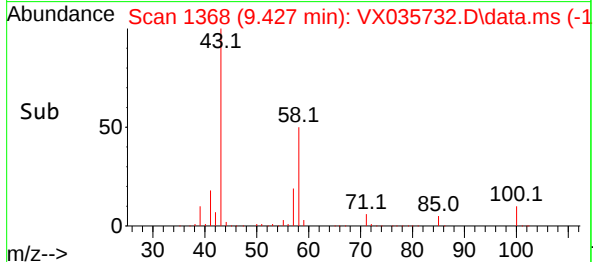
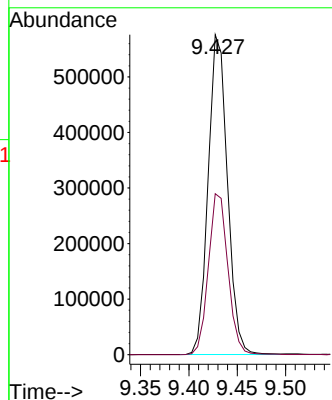
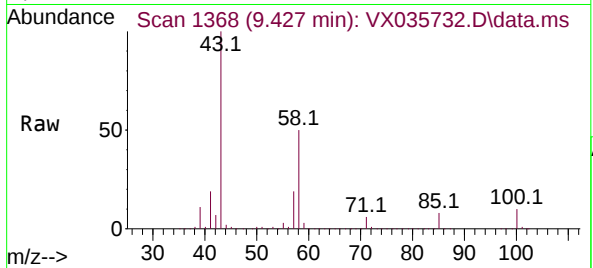
#59
2-Hexanone
Concen: 280.985 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 80081
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.9

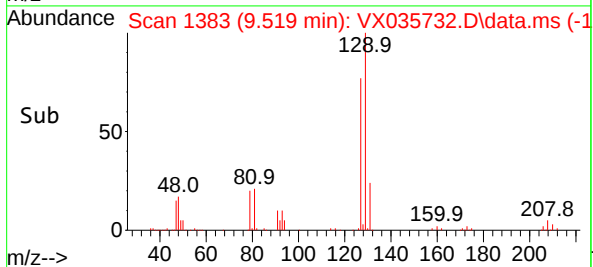
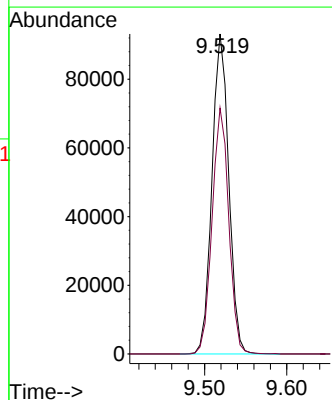
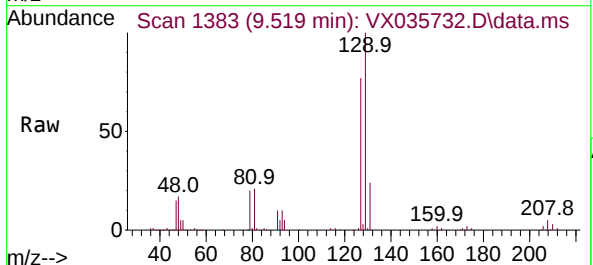
Manual Integrations
APPROVED

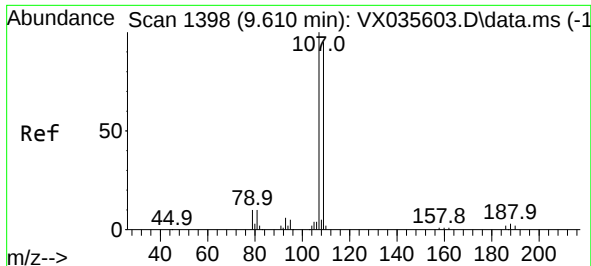
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 55.209 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion:129 Resp: 131829
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





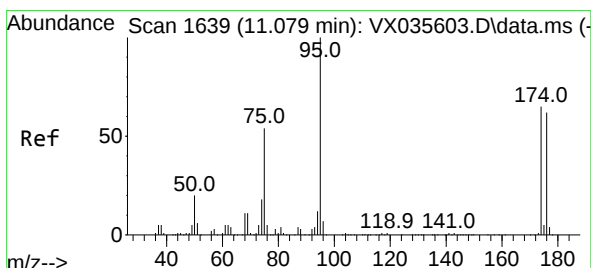
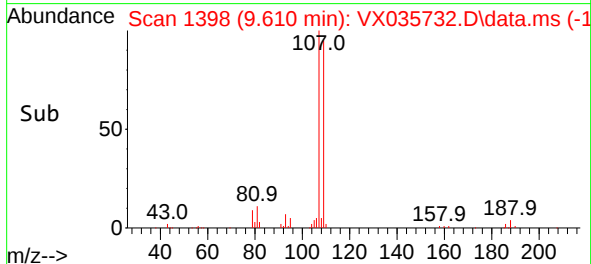
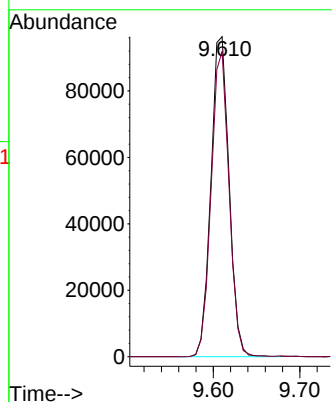
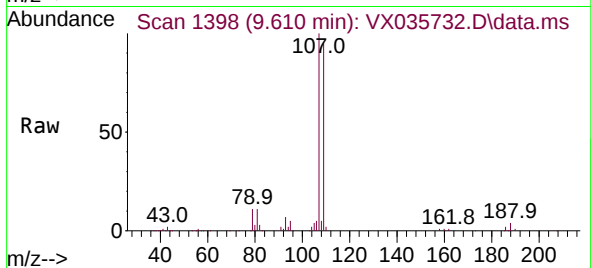
#61
1,2-Dibromoethane
Concen: 53.243 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 14052
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

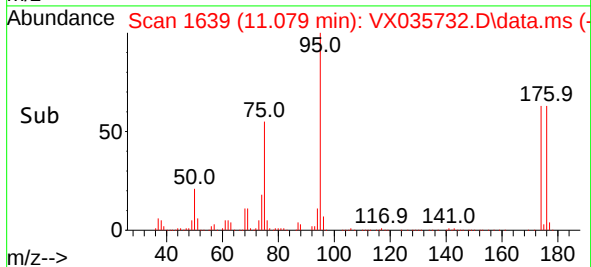
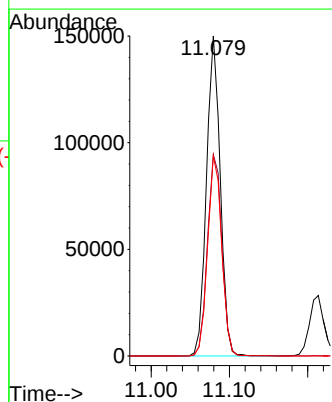
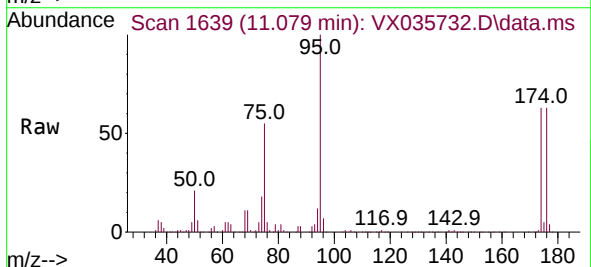
Manual Integrations
APPROVED

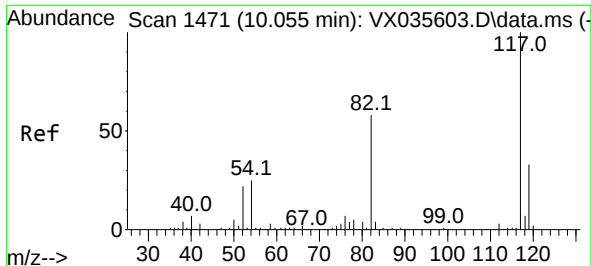
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#62
4-Bromofluorobenzene
Concen: 53.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

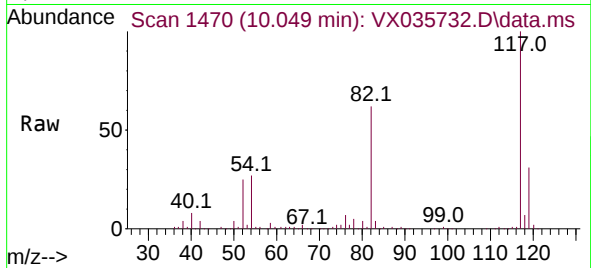
Tgt Ion: 95 Resp: 182528
Ion Ratio Lower Upper
95 100
174 66.0 0.0 147.4
176 63.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

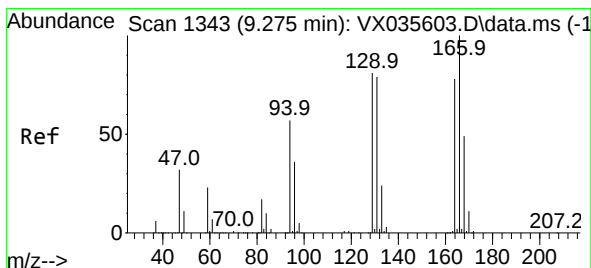
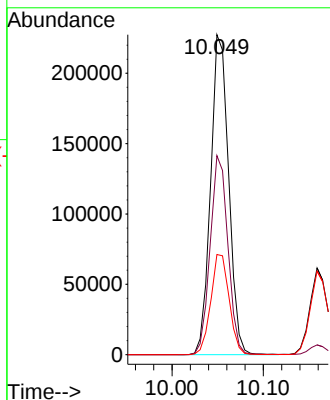
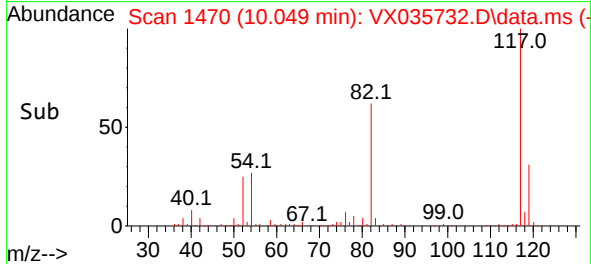
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 311060
Ion Ratio Lower Upper
117 100
82 62.2 45.0 67.4
119 31.3 26.0 39.0

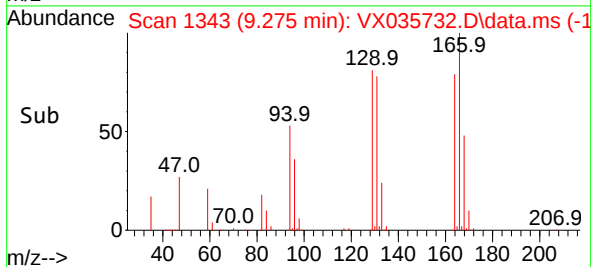
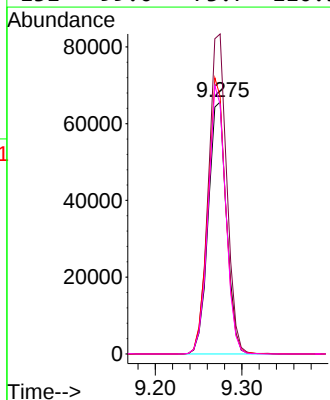
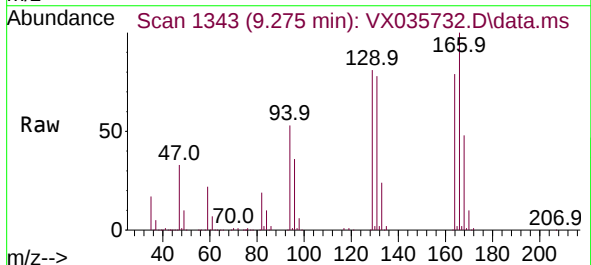
Manual Integrations
APPROVED

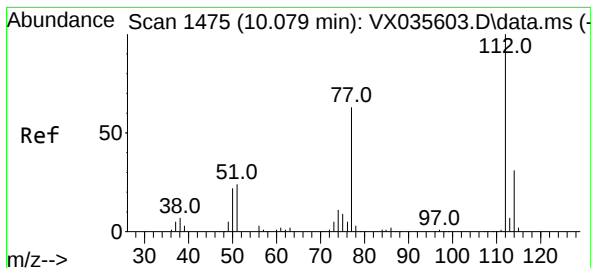
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#64
Tetrachloroethene
Concen: 45.767 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

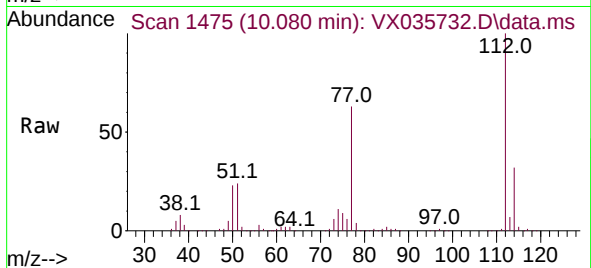
Tgt Ion:164 Resp: 95845
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 102.2 75.6 113.4
131 99.0 73.7 110.5





#65
Chlorobenzene
Concen: 49.846 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

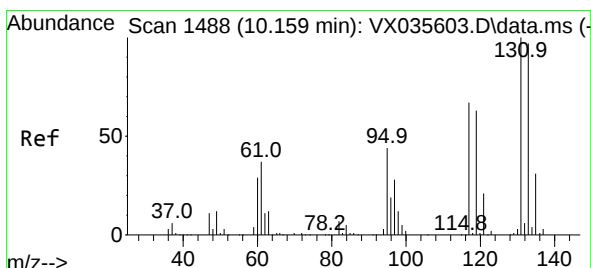
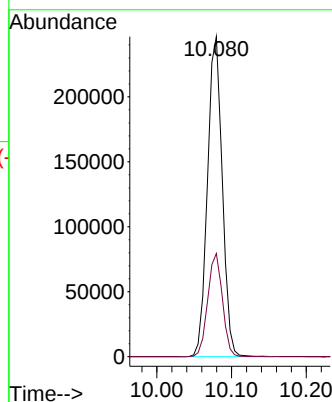
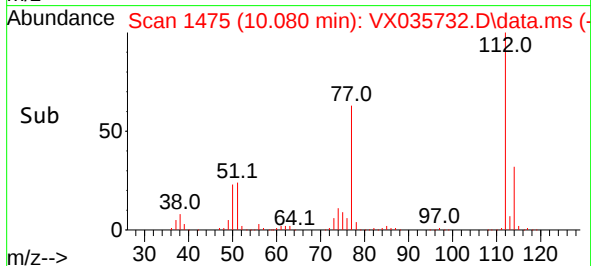
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 338459
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

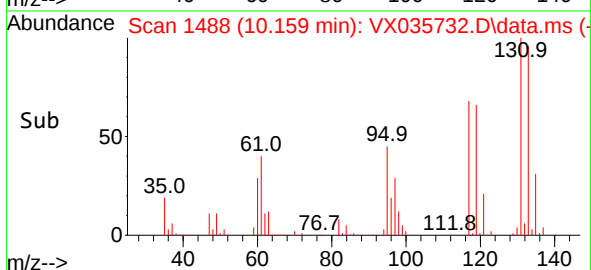
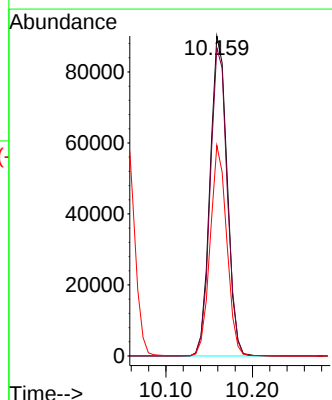
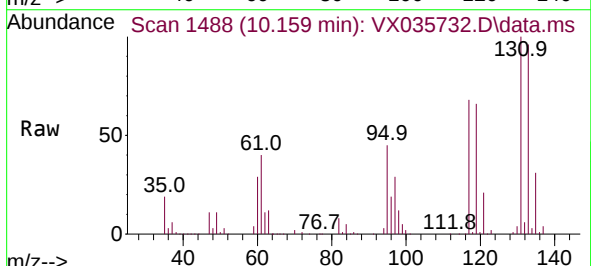
Manual Integrations
APPROVED

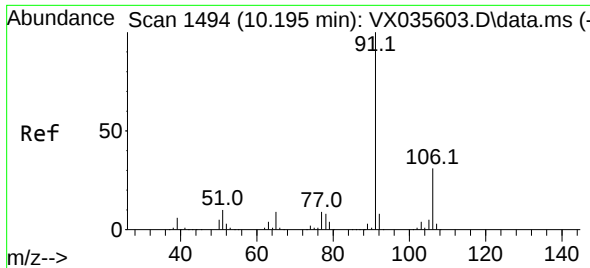
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.233 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

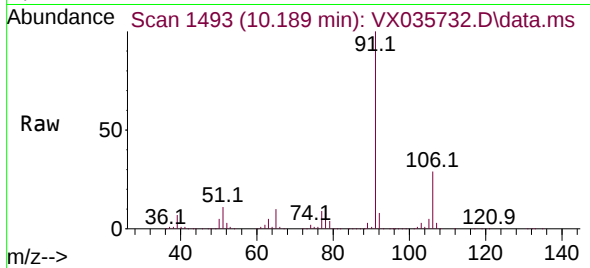
Tgt Ion:131 Resp: 123008
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.1 32.6 98.0





#67
Ethyl Benzene
Concen: 48.813 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

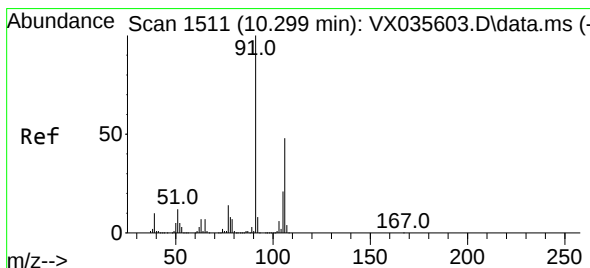
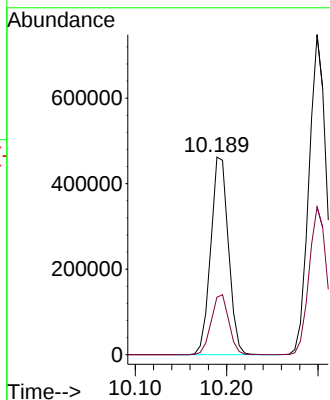
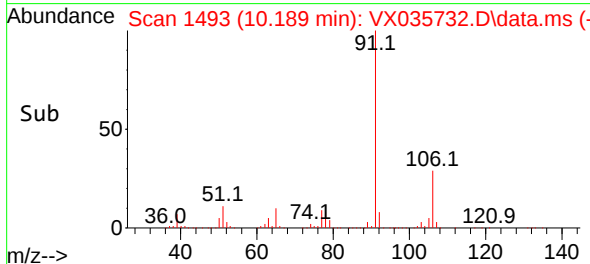
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 62336
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4

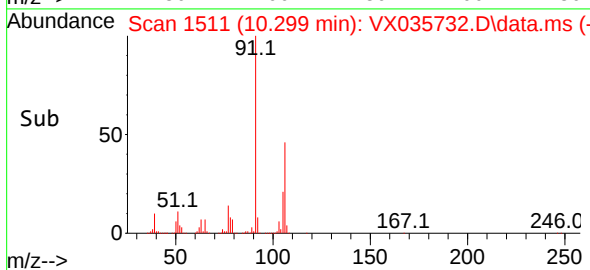
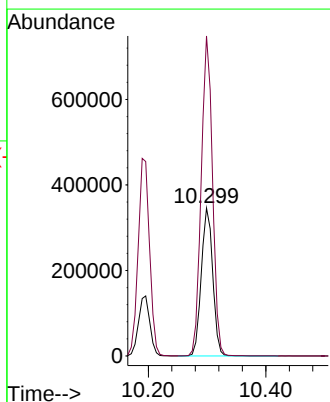
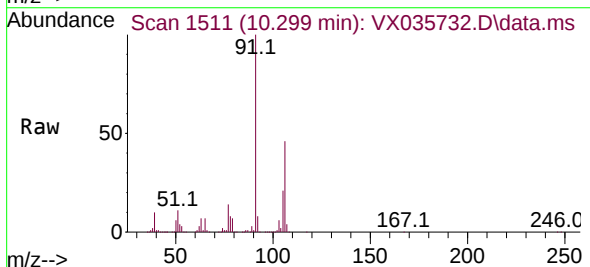
Manual Integrations
APPROVED

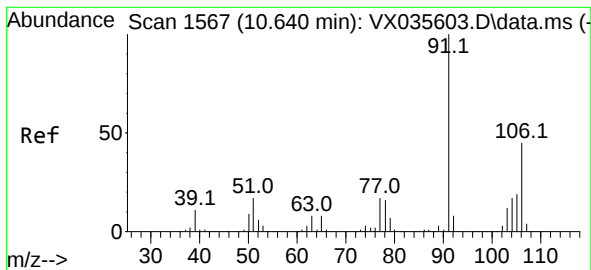
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#68
m/p-Xylenes
Concen: 98.839 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion:106 Resp: 466555
Ion Ratio Lower Upper
106 100
91 213.4 164.0 246.0





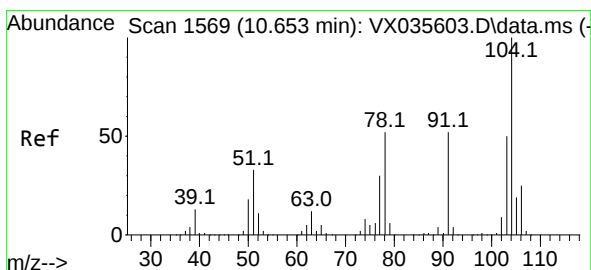
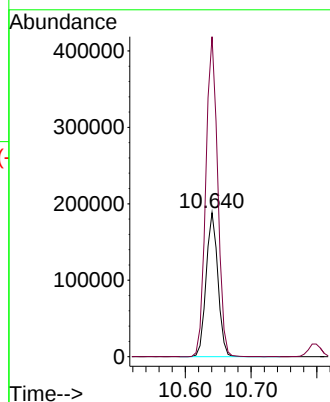
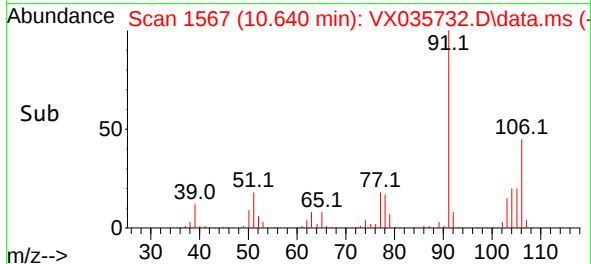
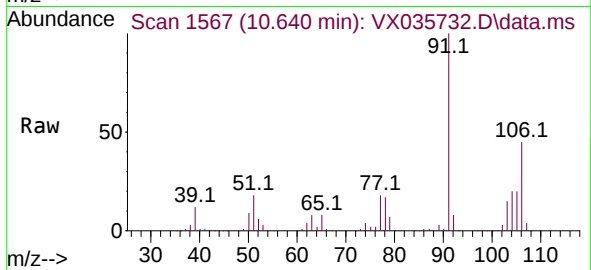
#69
o-Xylene
Concen: 49.979 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 234104
Ion Ratio Lower Upper
106 100
91 224.5 108.5 325.3

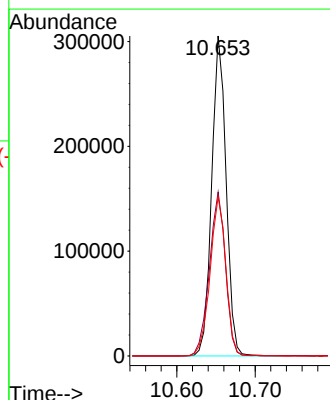
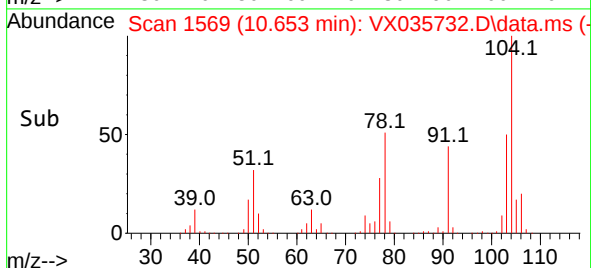
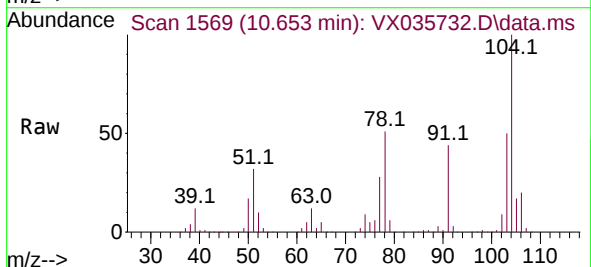
Manual Integrations
APPROVED

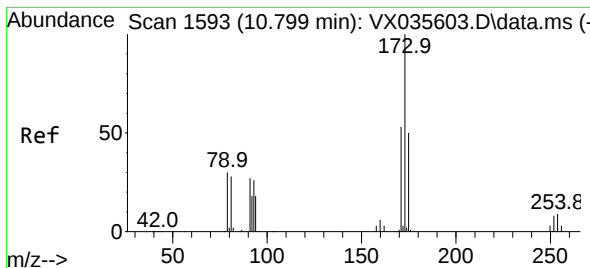
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 51.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

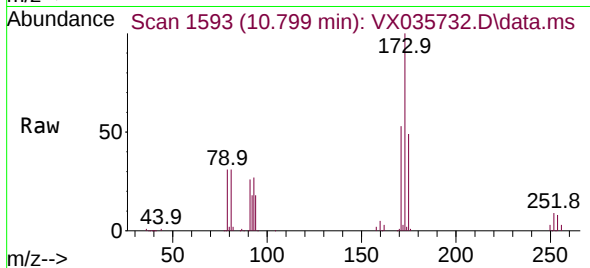
Tgt Ion:104 Resp: 389416
Ion Ratio Lower Upper
104 100
78 57.1 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 52.773 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

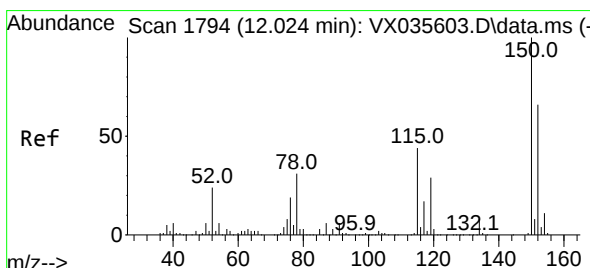
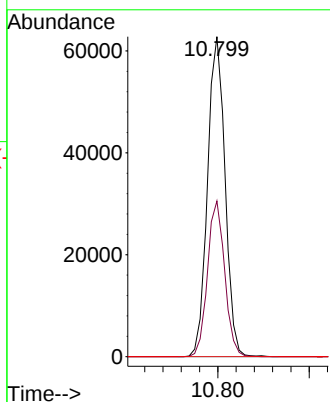
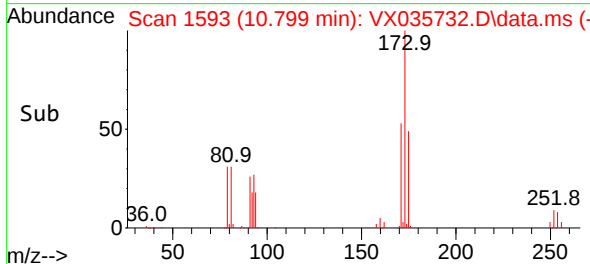
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



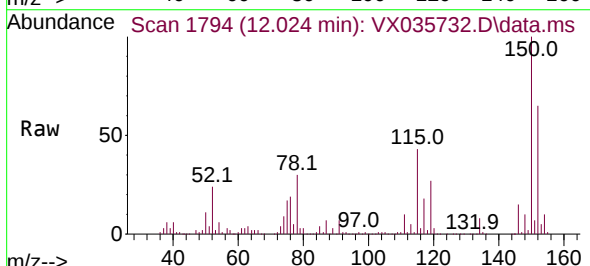
Tgt Ion:173 Resp: 83360
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

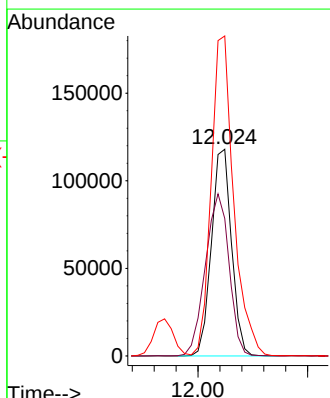
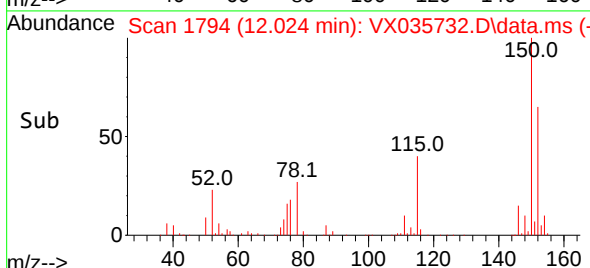
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

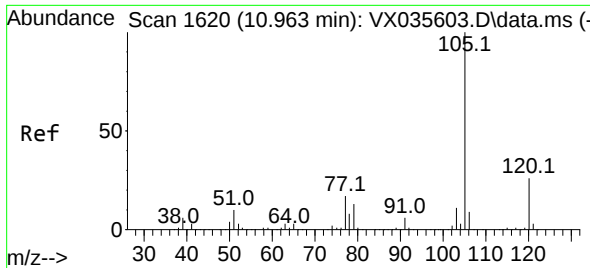


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion:152 Resp: 150191
Ion Ratio Lower Upper
152 100
115 92.4 45.0 135.0
150 173.0 0.0 352.4





#73
Isopropylbenzene
Concen: 46.996 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

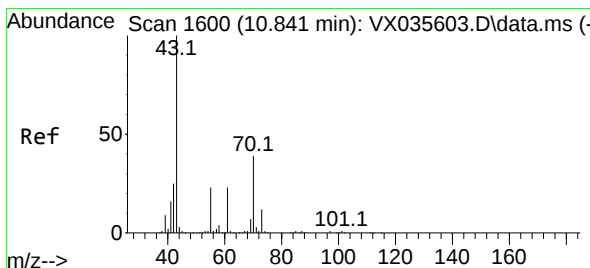
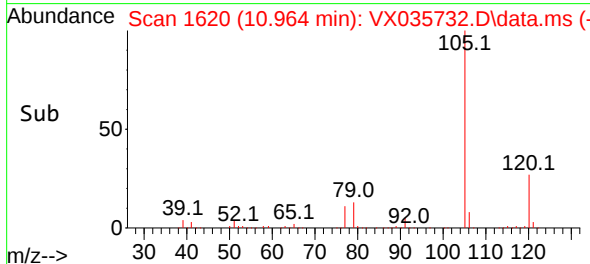
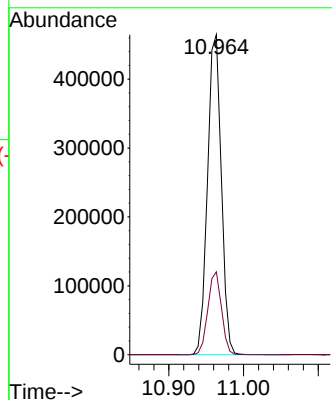
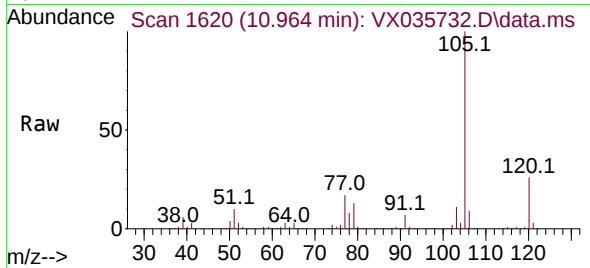
Tgt Ion:105 Resp: 594780
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

Manual Integrations

APPROVED

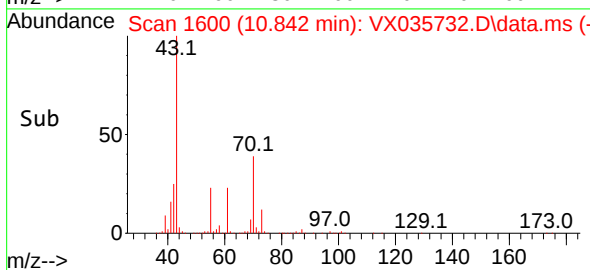
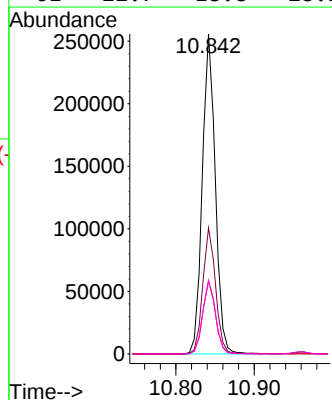
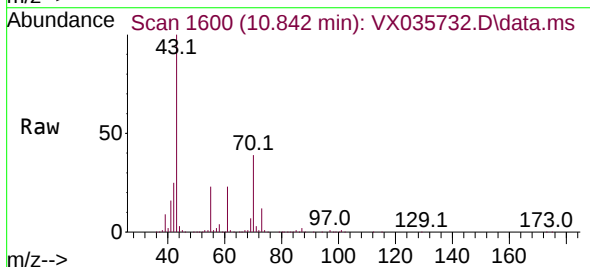
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#74
N-ethyl acetate
Concen: 49.998 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion: 43 Resp: 295033
Ion Ratio Lower Upper
43 100
70 38.7 32.1 48.1
55 22.6 18.3 27.5
61 22.7 18.8 28.2





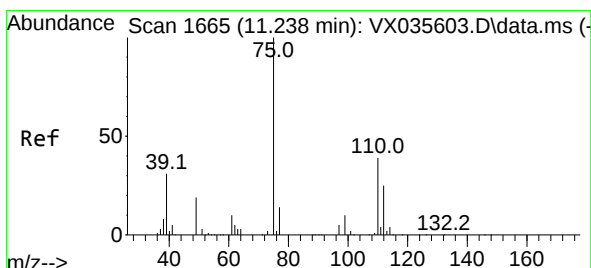
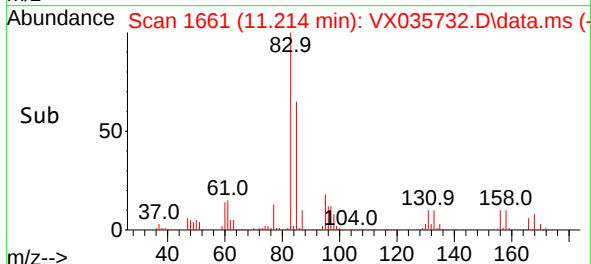
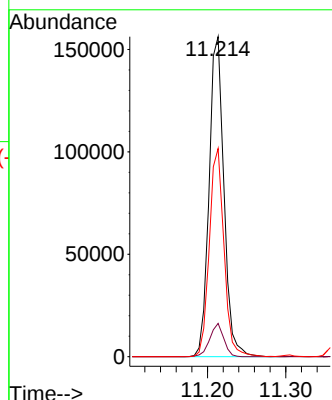
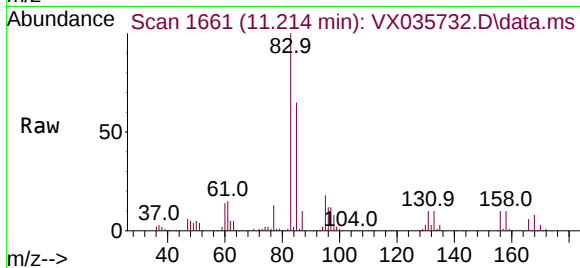
#75
1,1,2,2-Tetrachloroethane
Concen: 49.930 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 204985
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.4 32.0 96.0

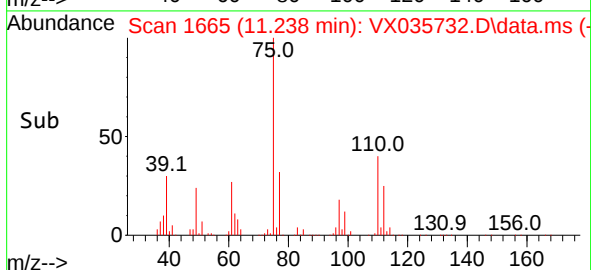
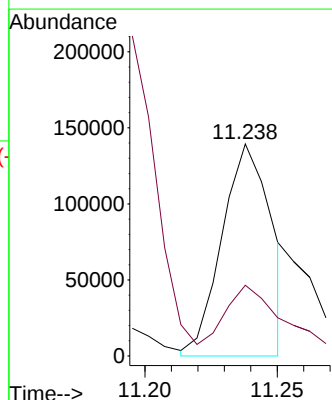
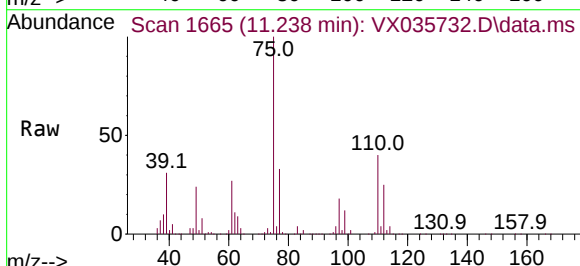
Manual Integrations
APPROVED

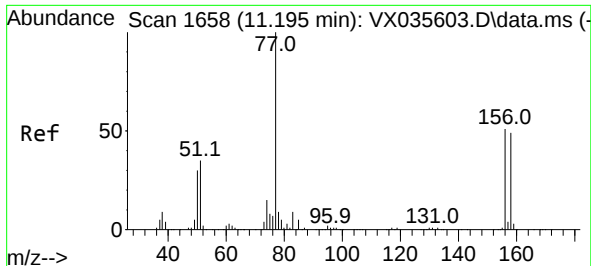
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 49.119 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

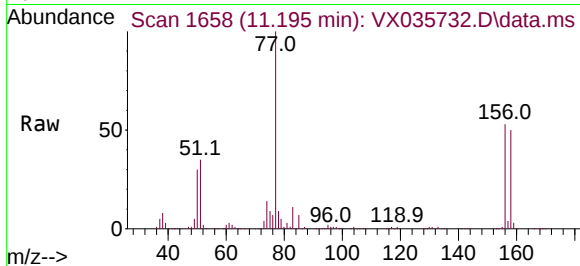
Tgt Ion: 75 Resp: 180451
Ion Ratio Lower Upper
75 100
77 41.6 21.6 64.8





#77
Bromobenzene
Concen: 48.362 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

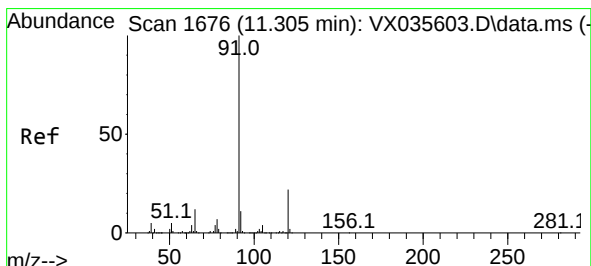
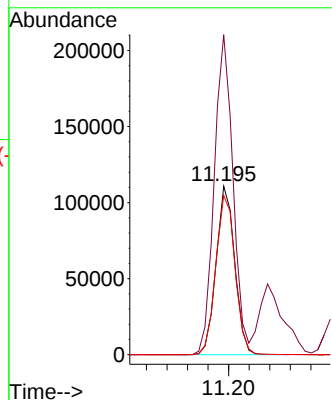
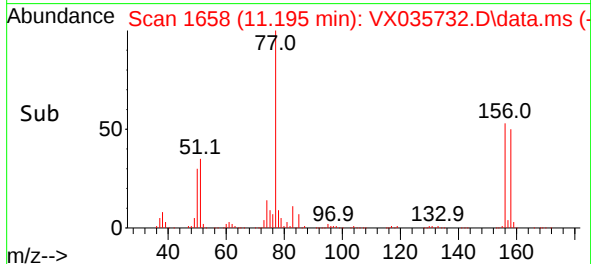
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



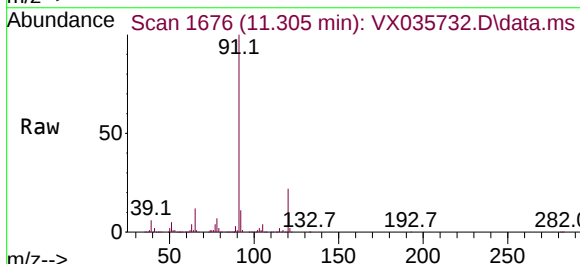
Tgt Ion:156 Resp: 138922
Ion Ratio Lower Upper
156 100
77 191.0 86.7 259.9
158 97.5 48.0 144.0

Manual Integrations
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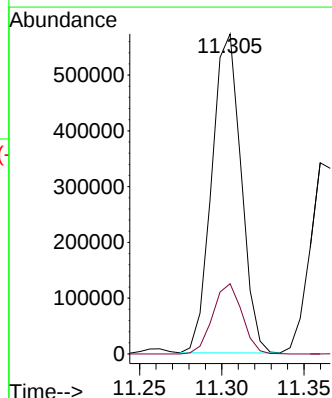
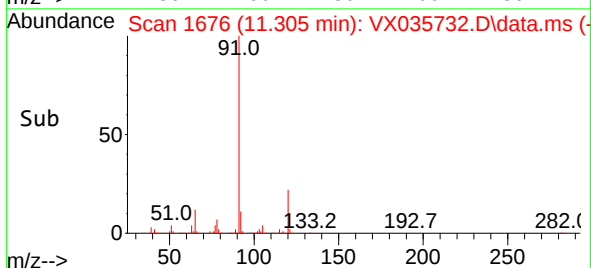
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

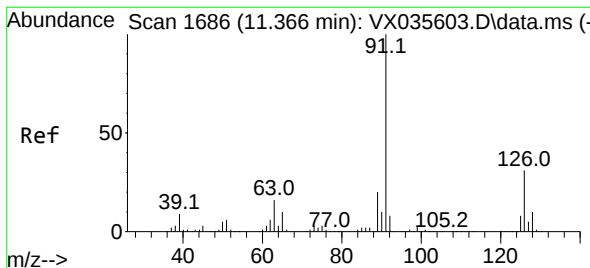


#78
n-propylbenzene
Concen: 47.768 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion: 91 Resp: 710655
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5





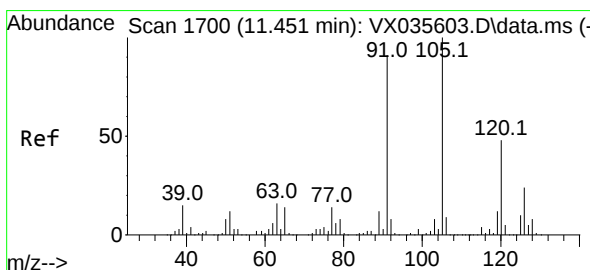
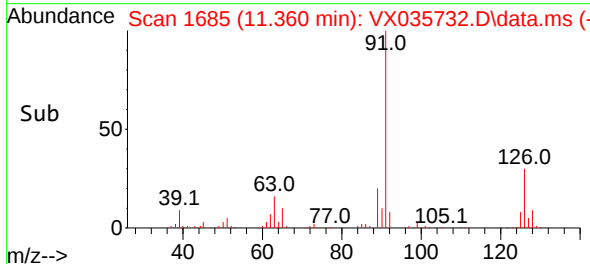
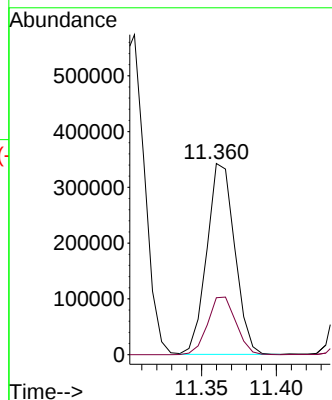
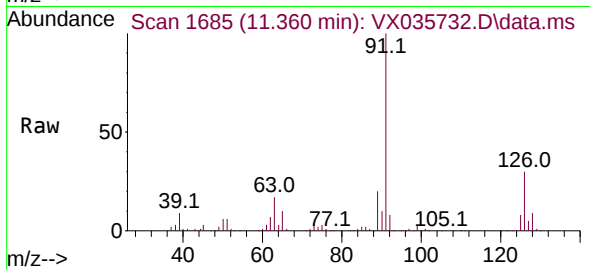
#79
2-Chlorotoluene
Concen: 47.704 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 444332
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.9

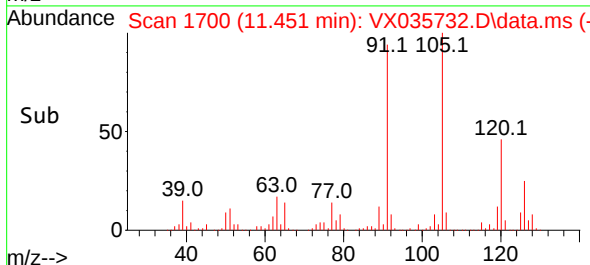
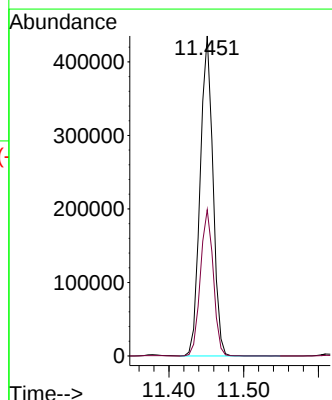
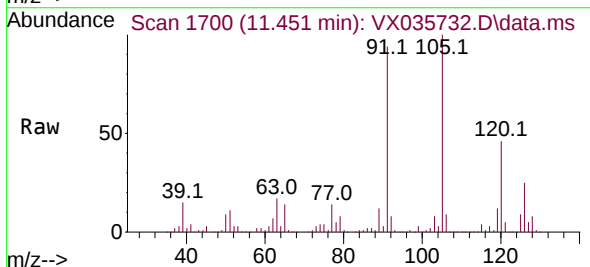
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.025 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion:105 Resp: 516584
Ion Ratio Lower Upper
105 100
120 45.9 23.7 71.1





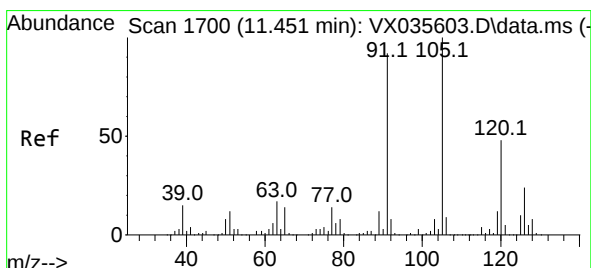
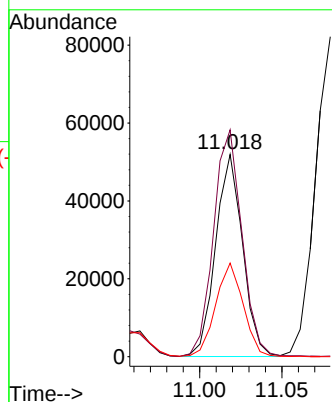
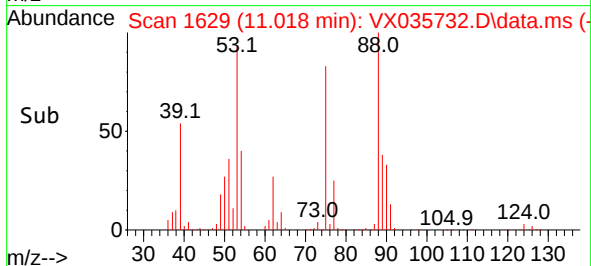
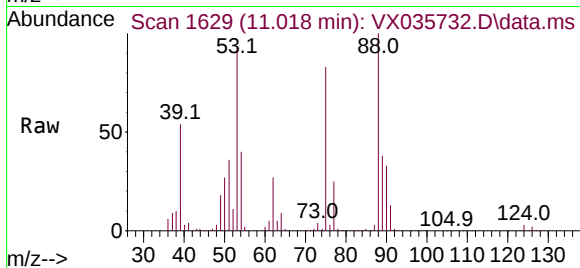
#81
trans-1,4-Dichloro-2-butene
Concen: 51.907 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 59169
Ion Ratio Lower Upper
75 100
53 118.0 82.6 124.0
89 47.4 36.9 55.3

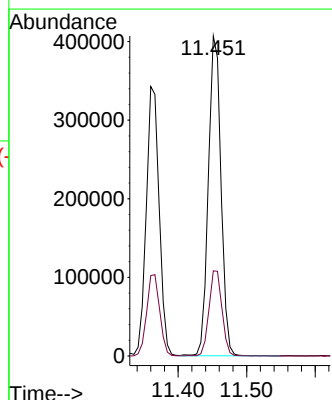
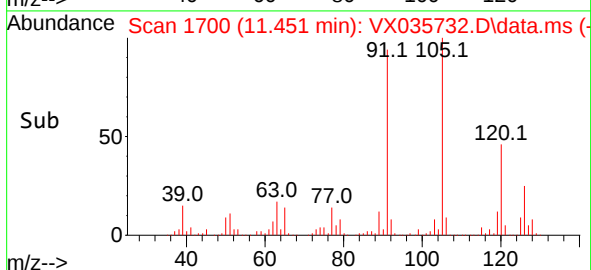
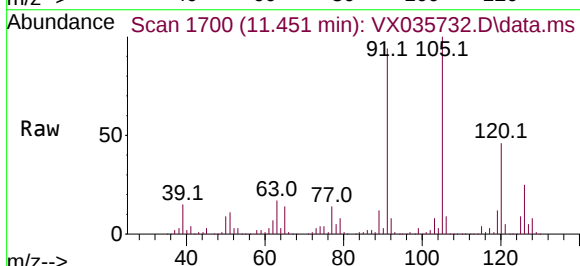
Manual Integrations
APPROVED

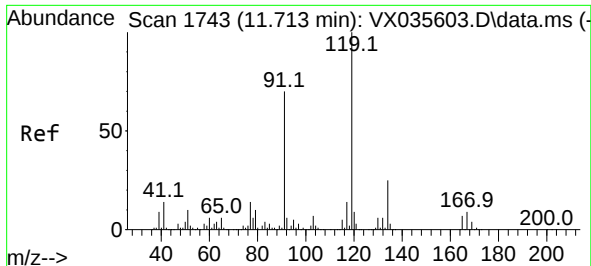
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 48.687 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

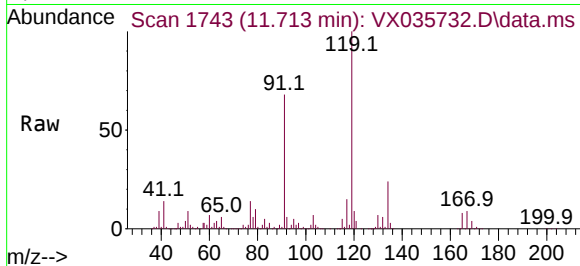
Tgt Ion: 91 Resp: 522261
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 46.483 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

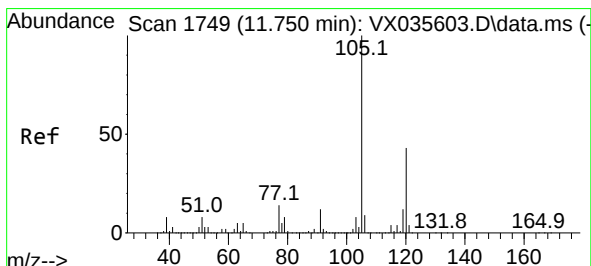
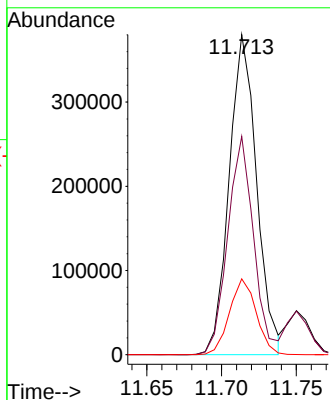
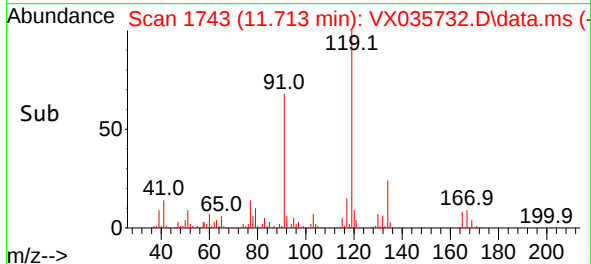
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



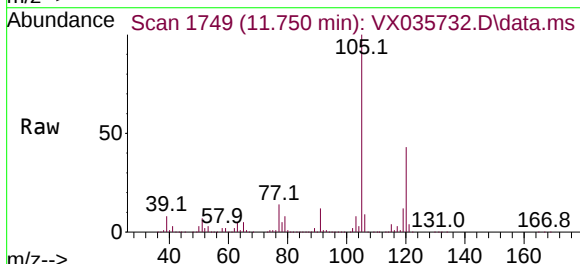
Tgt Ion:119 Resp: 486019
Ion Ratio Lower Upper
119 100
91 64.5 30.6 92.0
134 23.1 11.8 35.4

Manual Integrations
APPROVED

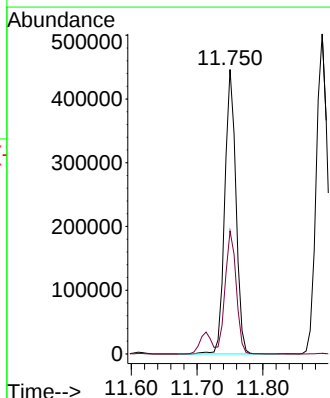
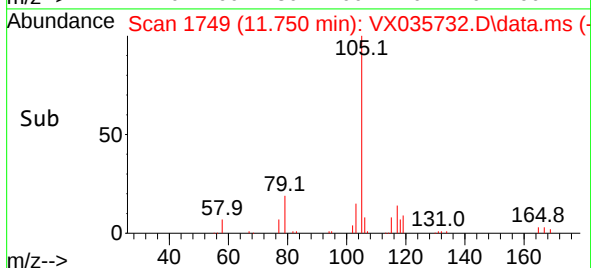
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.795 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion:105 Resp: 527017
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 46.114 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

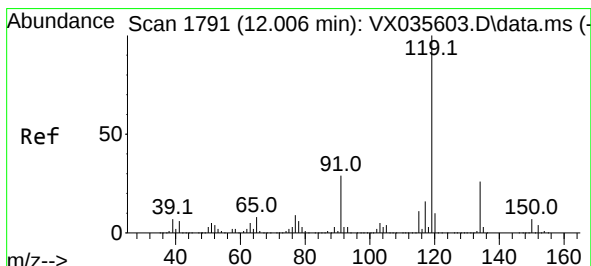
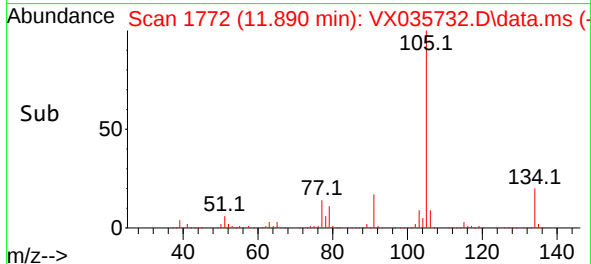
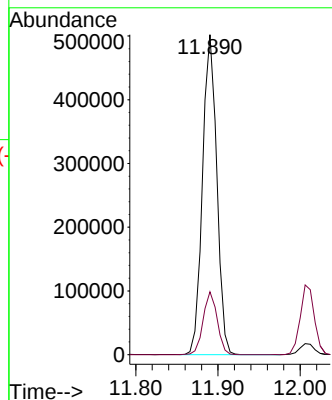
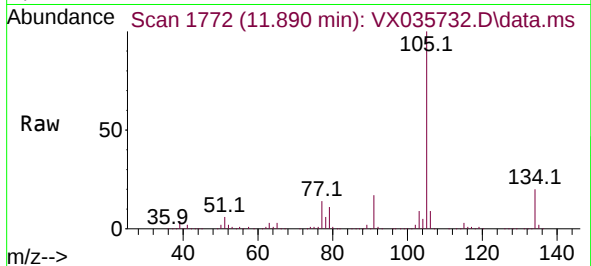
VSTDCCC050

Tgt Ion:105 Resp: 605389
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations

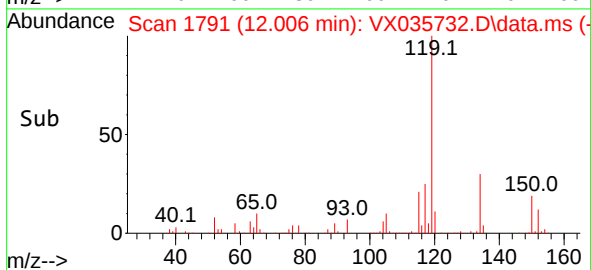
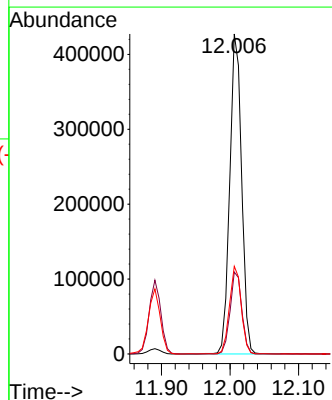
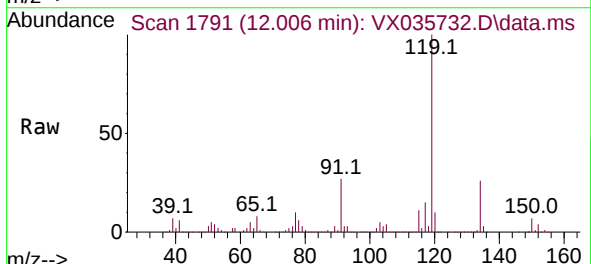
APPROVED

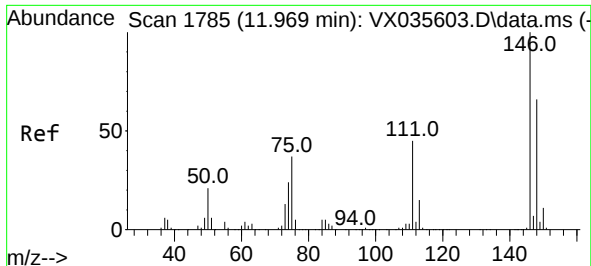
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#86
 p-Isopropyltoluene
 Concen: 47.516 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035732.D
 Acq: 18 May 2023 10:29

Tgt Ion:119 Resp: 512830
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.2 39.5
 91 27.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.049 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 267654

Ion Ratio Lower Upper

146 100

111 44.7 20.9 62.8

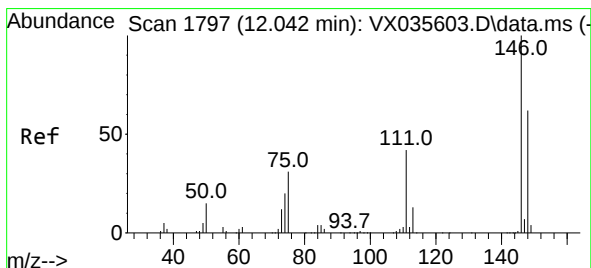
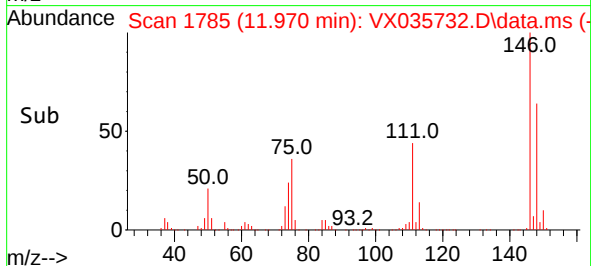
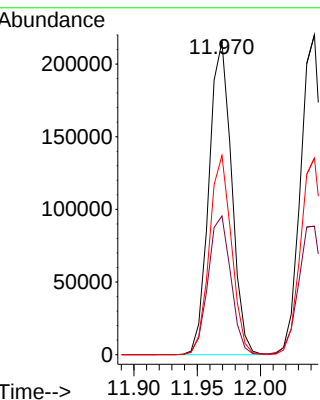
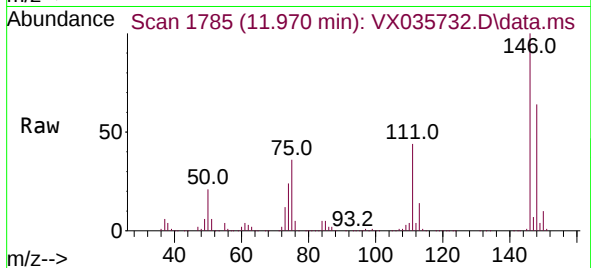
148 62.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#88

1,4-Dichlorobenzene

Concen: 49.013 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

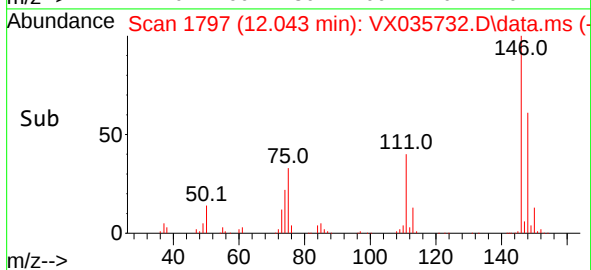
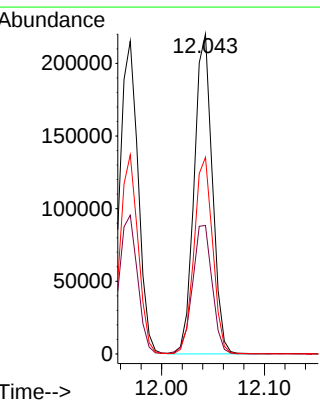
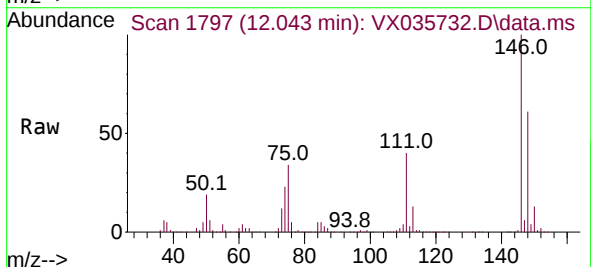
Tgt Ion:146 Resp: 270077

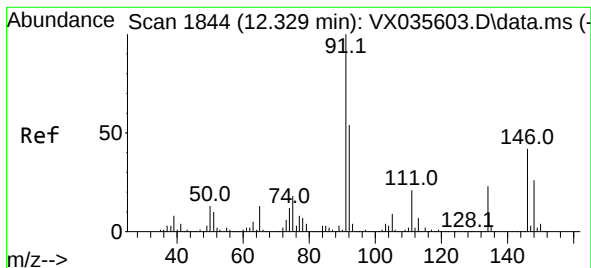
Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.9

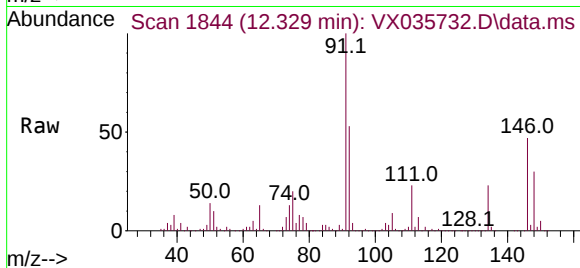
148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 47.298 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

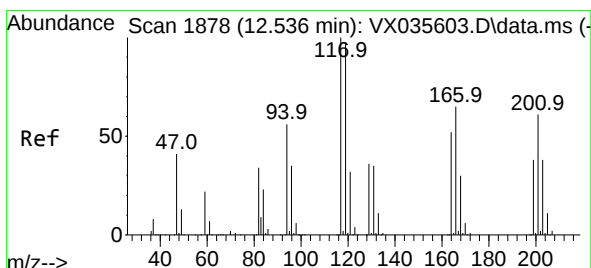
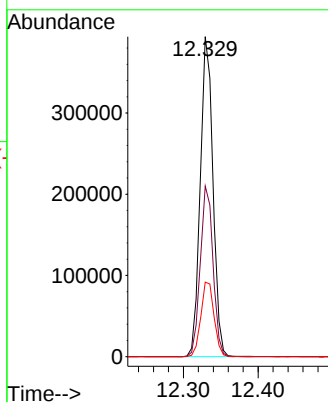
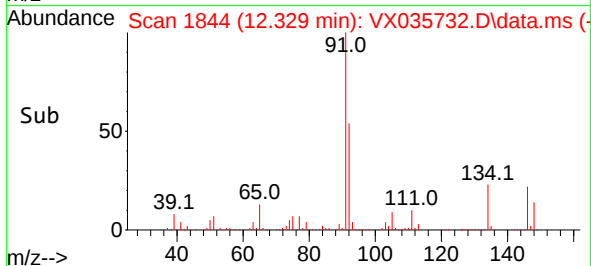
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 464368
Ion Ratio Lower Upper
91 100
92 53.6 27.7 83.0
134 24.3 13.0 38.9

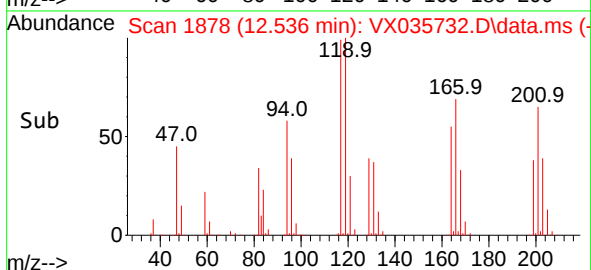
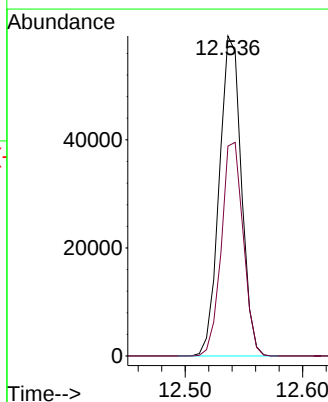
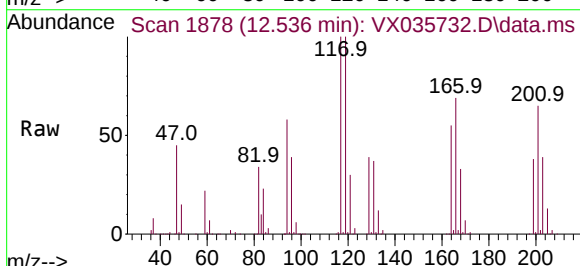
Manual Integrations
APPROVED

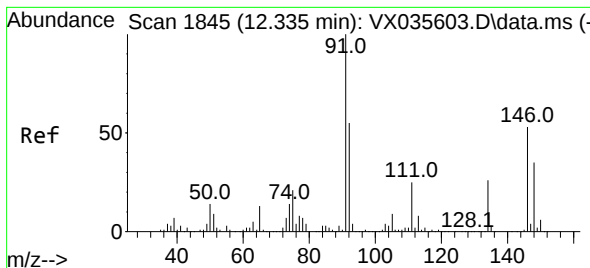
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#90
Hexachloroethane
Concen: 47.249 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

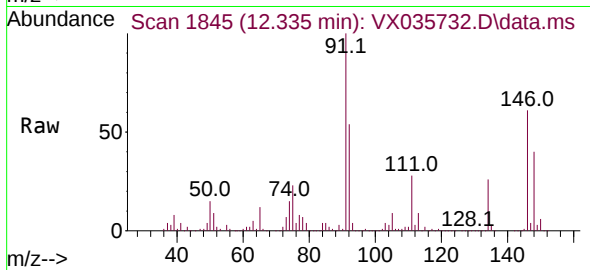
Tgt Ion:117 Resp: 77292
Ion Ratio Lower Upper
117 100
201 66.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

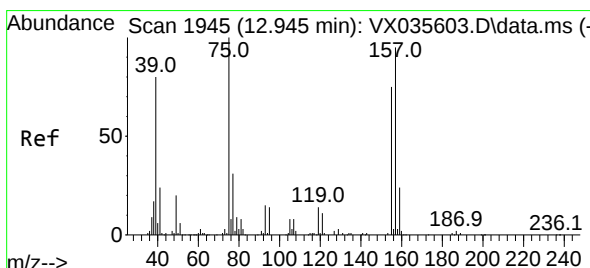
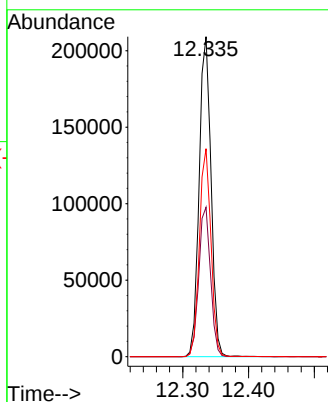
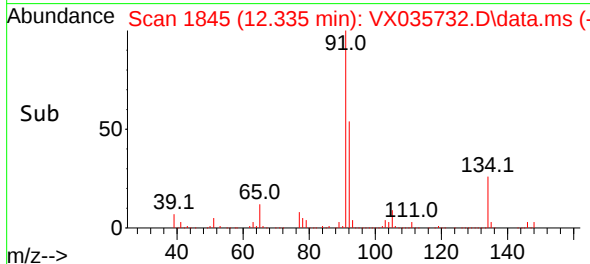
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



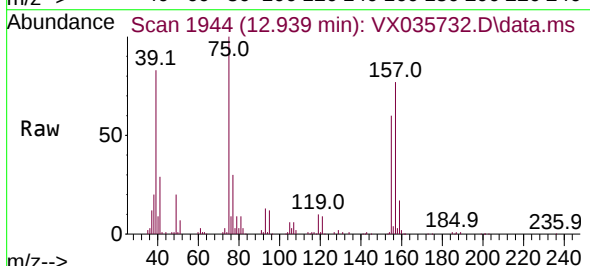
Tgt Ion:146 Resp: 262462
Ion Ratio Lower Upper
146 100
111 46.4 22.0 66.0
148 63.3 32.0 96.0

Manual Integrations
APPROVED

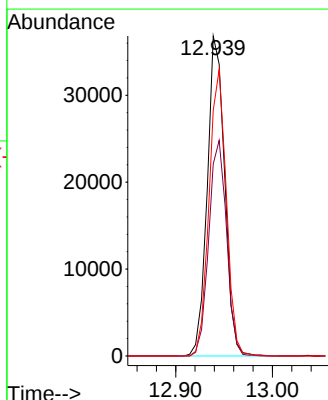
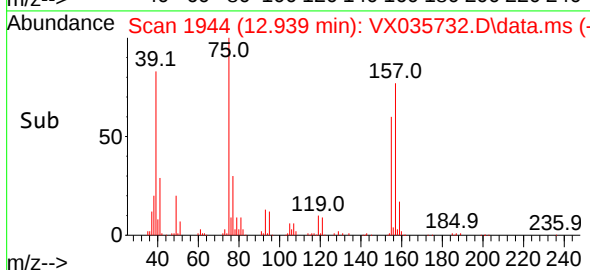
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

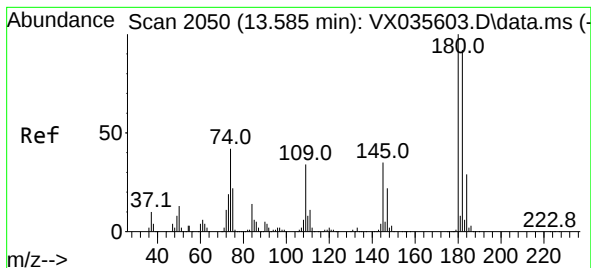


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.293 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29



Tgt Ion: 75 Resp: 45978
Ion Ratio Lower Upper
75 100
155 68.7 38.4 115.1
157 88.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.088 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

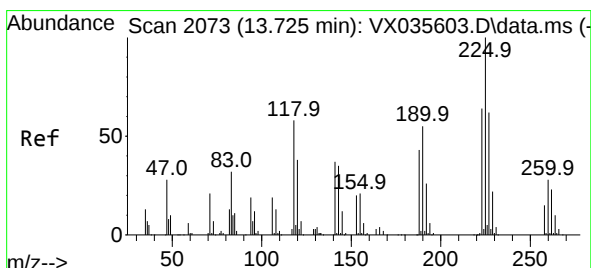
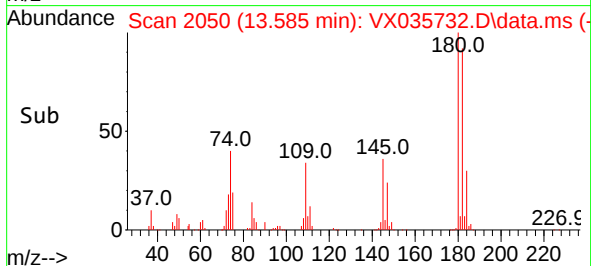
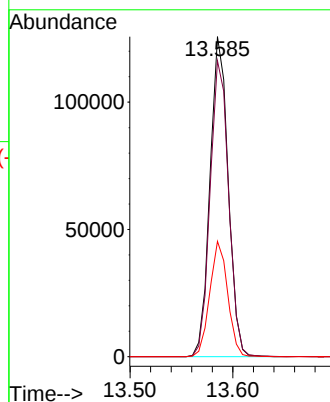
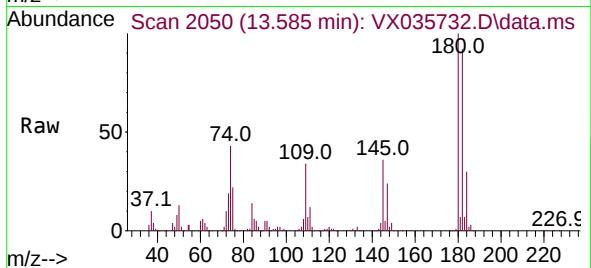
Tgt Ion:180	Resp: 15472
Ion Ratio	Lower Upper
180 100	
182 94.1	47.0 141.0
145 35.6	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#94

Hexachlorobutadiene

Concen: 44.031 ug/l

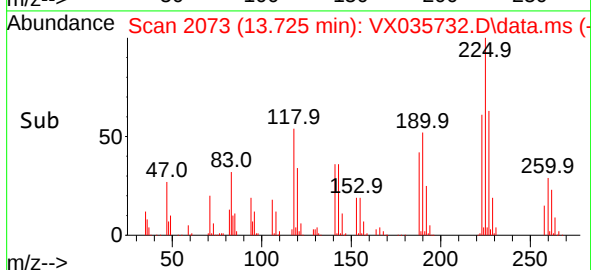
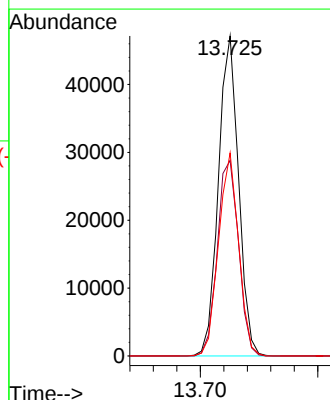
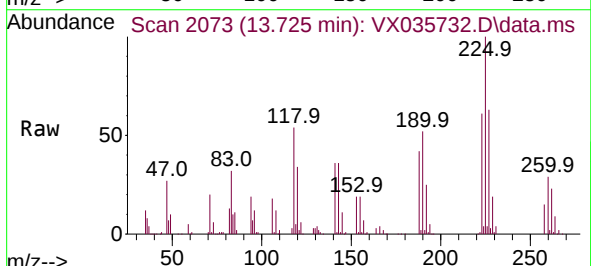
RT: 13.725 min Scan# 2073

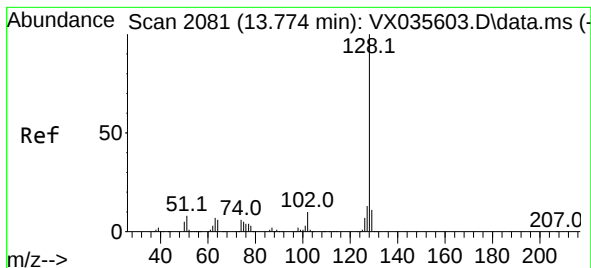
Delta R.T. 0.000 min

Lab File: VX035732.D

Acq: 18 May 2023 10:29

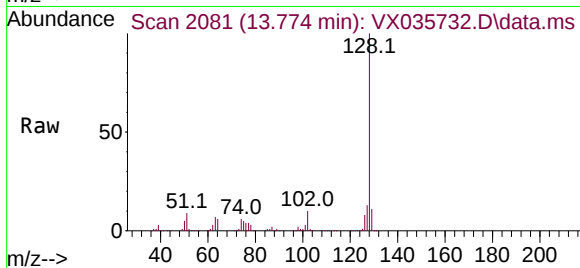
Tgt Ion:225	Resp: 56232
Ion Ratio	Lower Upper
225 100	
223 64.3	32.1 96.5
227 63.2	31.8 95.4





#95
Naphthalene
Concen: 49.691 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

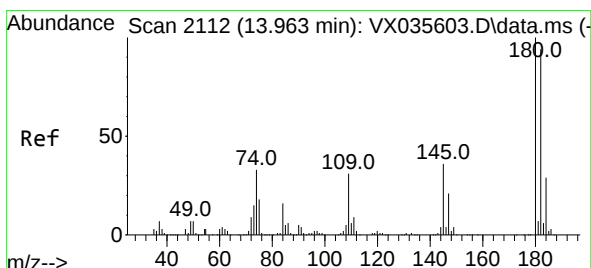
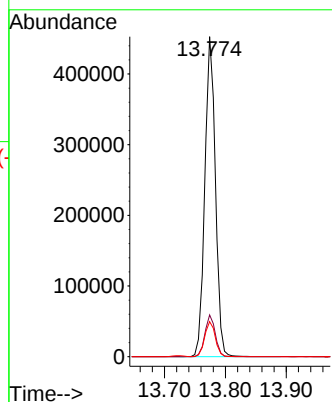
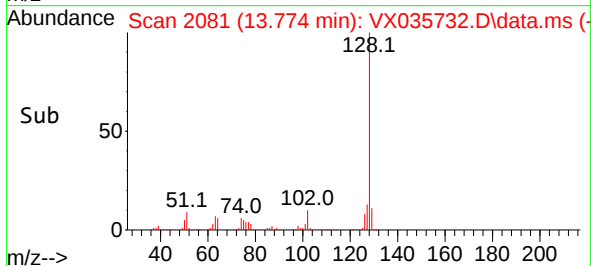
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 54752
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.561 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035732.D
Acq: 18 May 2023 10:29

Tgt Ion:180 Resp: 153667
Ion Ratio Lower Upper
180 100
182 93.9 48.0 144.2
145 36.2 17.7 53.1

