

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036737.D
 Acq On : 01 Aug 2023 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 06:22:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	156040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103930	45.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.020%		
35) Dibromofluoromethane	5.379	113	85853	47.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	8.647	98	298614	46.182	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.360%		
62) 4-Bromofluorobenzene	11.079	95	115471	47.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	85724	41.586	ug/l	100
3) Chloromethane	1.301	50	76053	40.564	ug/l	96
4) Vinyl Chloride	1.374	62	84558	44.298	ug/l	100
5) Bromomethane	1.599	94	64518	56.614	ug/l	97
6) Chloroethane	1.679	64	53255	57.384	ug/l	99
7) Trichlorofluoromethane	1.886	101	146591	49.729	ug/l	98
8) Diethyl Ether	2.130	74	55016	48.240	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	85416	48.230	ug/l	99
10) Methyl Iodide	2.447	142	80458	43.739	ug/l	93
11) Tert butyl alcohol	2.959	59	128163	234.471	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	79477	45.486	ug/l	88
13) Acrolein	2.233	56	96015	307.793	ug/l	98
14) Allyl chloride	2.660	41	146803	42.668	ug/l #	94
15) Acrylonitrile	3.062	53	261530	237.918	ug/l	99
16) Acetone	2.380	43	245380	256.116	ug/l	90
17) Carbon Disulfide	2.508	76	192128	39.841	ug/l	99
18) Methyl Acetate	2.703	43	190286	47.212	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	321488	48.963	ug/l	99
20) Methylene Chloride	2.788	84	93688	43.970	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	86928	44.515	ug/l	94
22) Diisopropyl ether	3.757	45	296862	45.442	ug/l	86
23) Vinyl Acetate	3.715	43	1155406	230.570	ug/l	95
24) 1,1-Dichloroethane	3.605	63	171468	46.815	ug/l	98
25) 2-Butanone	4.550	43	375045	241.275	ug/l	93
26) 2,2-Dichloropropane	4.471	77	156521	45.352	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	108098	46.606	ug/l	93
28) Bromochloromethane	4.891	49	86994	49.111	ug/l	91
29) Tetrahydrofuran	4.995	42	231071	230.570	ug/l	92
30) Chloroform	5.086	83	181418	48.414	ug/l	97
31) Cyclohexane	5.464	56	136429	42.677	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	160327	46.695	ug/l	98
36) 1,1-Dichloropropene	5.690	75	126855	46.677	ug/l	98
37) Ethyl Acetate	4.708	43	145016	47.144	ug/l	97
38) Carbon Tetrachloride	5.672	117	141018	48.807	ug/l	100
39) Methylcyclohexane	7.379	83	156330	46.260	ug/l	93
40) Benzene	6.031	78	371942	47.039	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	77772	47.272	ug/l	92
42) 1,2-Dichloroethane	6.080	62	143443	49.618	ug/l	96
43) Isopropyl Acetate	6.336	43	246934	46.635	ug/l	96
44) Trichloroethene	7.123	130	99744	48.260	ug/l	98
45) 1,2-Dichloropropane	7.427	63	99697	47.225	ug/l	99
46) Dibromomethane	7.580	93	72792	49.267	ug/l	96
47) Bromodichloromethane	7.818	83	148390	48.928	ug/l	99
48) Methyl methacrylate	7.690	41	114645	46.557	ug/l	89
49) 1,4-Dioxane	7.659	88	49767	1000.417	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	703591	240.115	ug/l	95
52) Toluene	8.714	92	238476	48.133	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	166808	48.663	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	174009	48.108	ug/l	90
55) 1,1,2-Trichloroethane	9.147	97	102653	49.290	ug/l	97
56) Ethyl methacrylate	9.116	69	167470	49.382	ug/l	93
57) 1,3-Dichloropropane	9.305	76	174346	50.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	406894	243.503	ug/l	96
59) 2-Hexanone	9.427	43	531359	244.335	ug/l	94
60) Dibromochloromethane	9.519	129	118032	51.563	ug/l	99
61) 1,2-Dibromoethane	9.610	107	109124	50.556	ug/l	99
64) Tetrachloroethene	9.275	164	86133	48.191	ug/l	96
65) Chlorobenzene	10.079	112	259050	49.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	103569	50.731	ug/l	99
67) Ethyl Benzene	10.195	91	464106	48.098	ug/l	100
68) m/p-Xylenes	10.299	106	350447	97.341	ug/l	98
69) o-Xylene	10.640	106	175004	48.698	ug/l	98
70) Styrene	10.653	104	291362	49.141	ug/l	98
71) Bromoform	10.799	173	83687	50.639	ug/l #	100
73) Isopropylbenzene	10.963	105	458519	47.172	ug/l	99
74) N-amyl acetate	10.842	43	200506	44.235	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	154085	46.934	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	132645m	48.015	ug/l	
77) Bromobenzene	11.195	156	106865	48.276	ug/l	95
78) n-propylbenzene	11.305	91	531473	47.278	ug/l	99
79) 2-Chlorotoluene	11.366	91	316996	46.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	385570	47.416	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53902	44.224	ug/l	85
82) 4-Chlorotoluene	11.451	91	365692	47.116	ug/l	99
83) tert-Butylbenzene	11.713	119	382597	47.894	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	386823	47.566	ug/l	98
85) sec-Butylbenzene	11.890	105	482321	48.414	ug/l	98
86) p-Isopropyltoluene	12.006	119	406256	49.559	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	201265	49.090	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	202229	49.703	ug/l	98
89) n-Butylbenzene	12.329	91	362261	49.366	ug/l	99
90) Hexachloroethane	12.536	117	77702	46.756	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	195753	49.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34884	45.726	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	126457	51.879	ug/l	96
94) Hexachlorobutadiene	13.725	225	50423	50.002	ug/l	99
95) Naphthalene	13.774	128	425912	50.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	122780	51.106	ug/l	98

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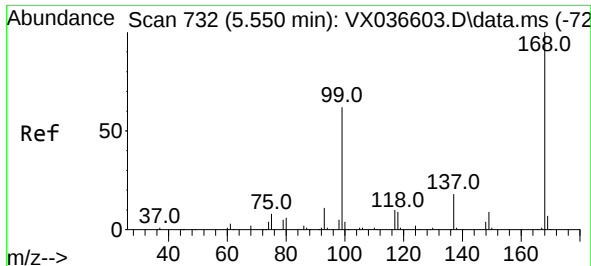
Manual Integrations
APPROVED

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QLast Update : Fri Jul 21 12:14:12 2023
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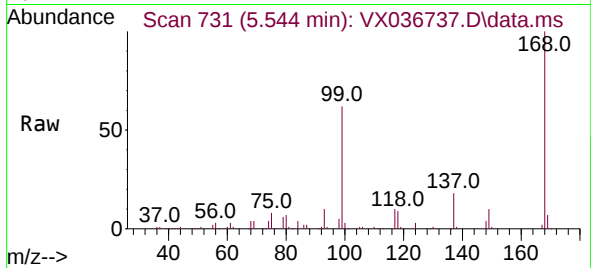
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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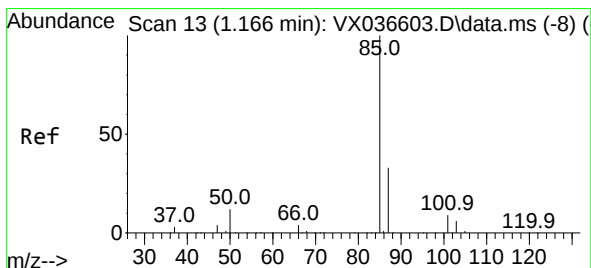
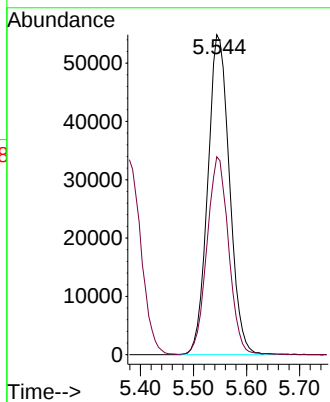
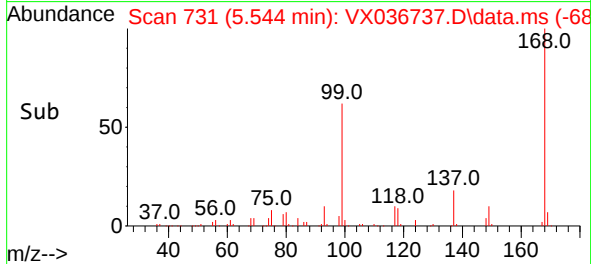
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 156040
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0

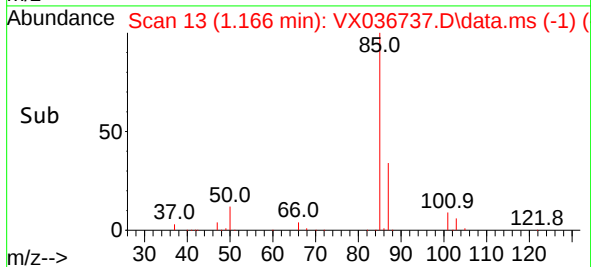
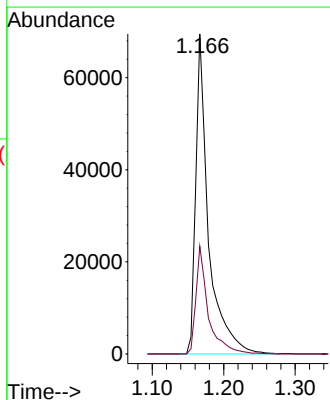
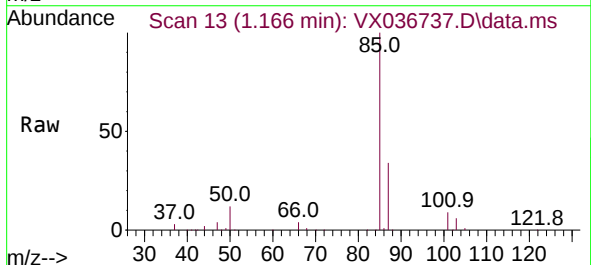
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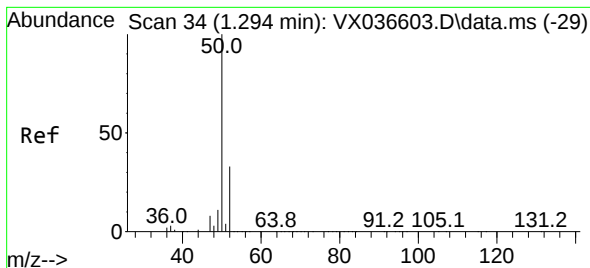
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#2
Dichlorodifluoromethane
Concen: 41.586 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 85 Resp: 85724
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3

Chloromethane

Concen: 40.564 ug/l

RT: 1.301 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 7605

Ion Ratio Lower Upper

50 100

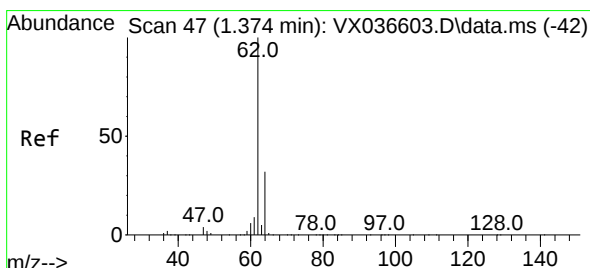
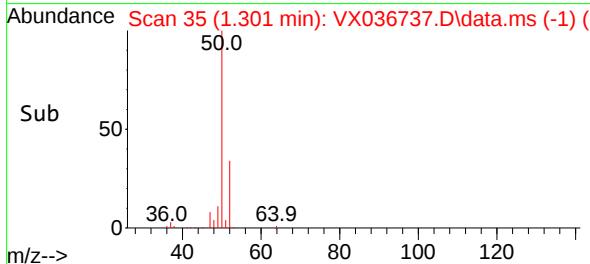
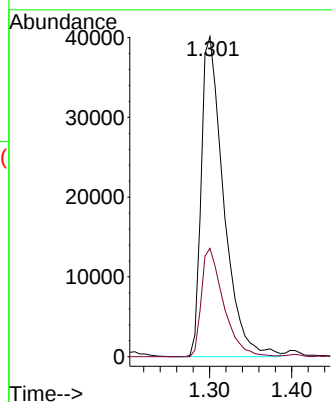
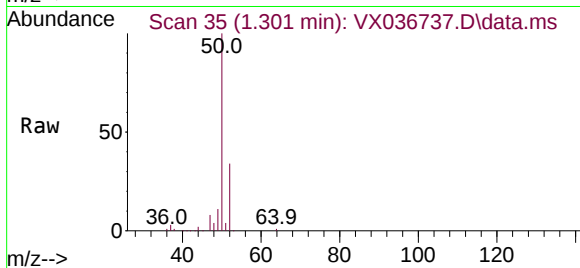
52 33.9 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/02/2023



#4

Vinyl Chloride

Concen: 44.298 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036737.D

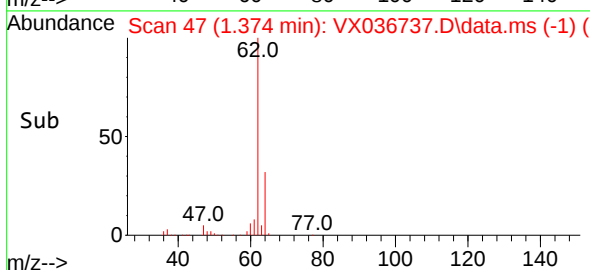
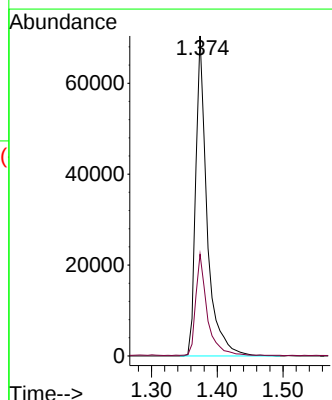
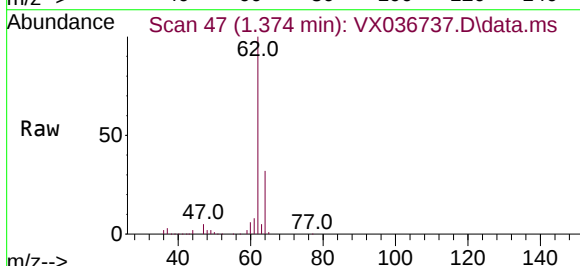
Acq: 01 Aug 2023 10:28

Tgt Ion: 62 Resp: 84558

Ion Ratio Lower Upper

62 100

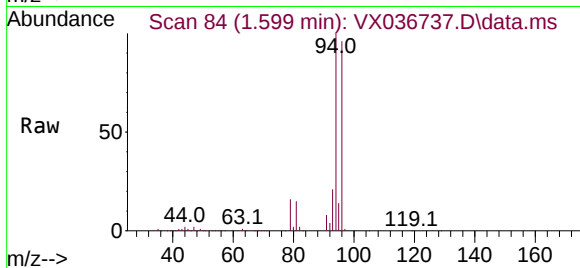
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 56.614 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

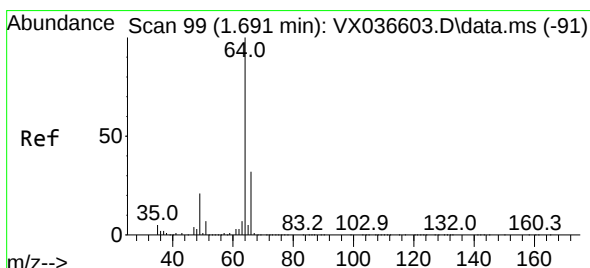
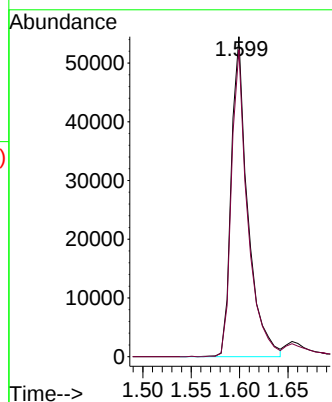
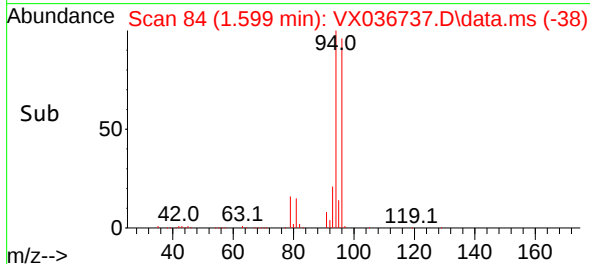
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 64518
Ion Ratio Lower Upper
94 100
96 95.9 74.6 111.8

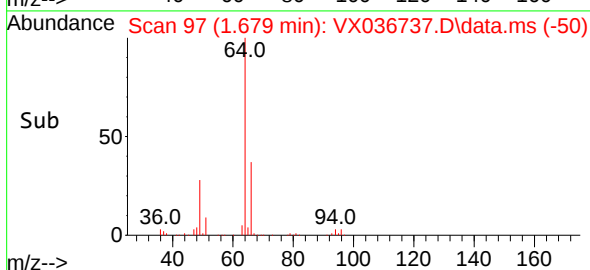
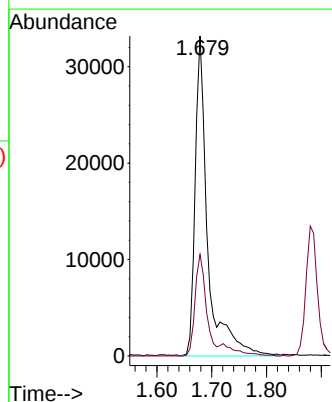
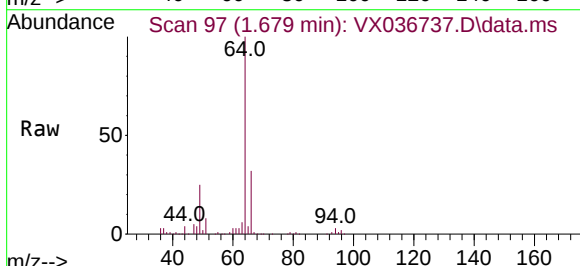
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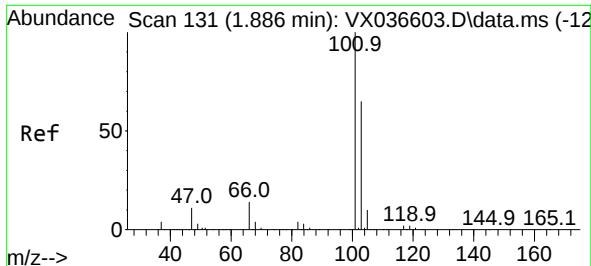
Reviewed By :John Carlone 08/02/2023
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#6
Chloroethane
Concen: 57.384 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

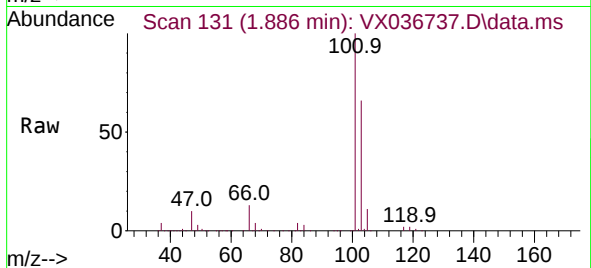
Tgt Ion: 64 Resp: 53255
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 49.729 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036737.D
 Acq: 01 Aug 2023 10:28

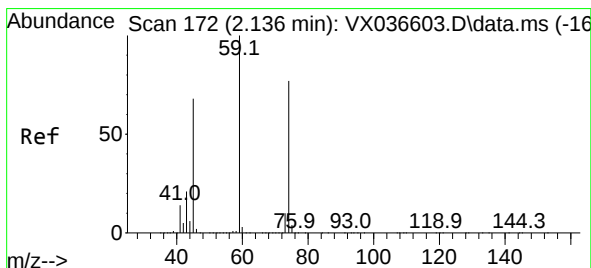
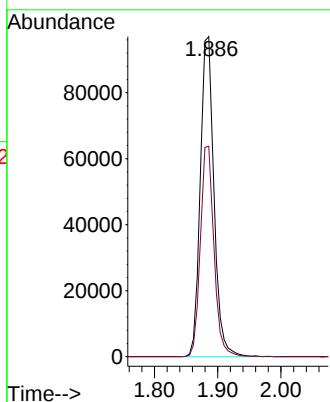
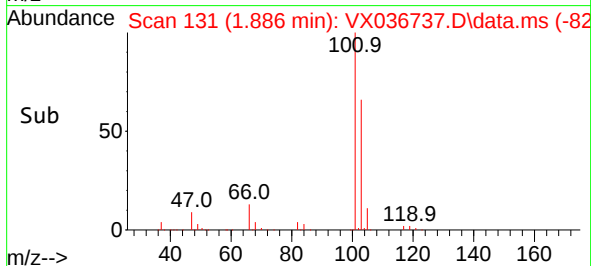
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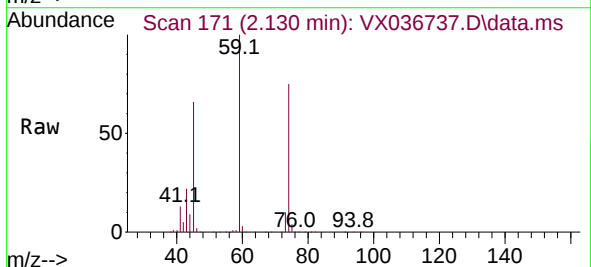
Tgt Ion:101 Resp: 14659
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.2

Manual Integrations
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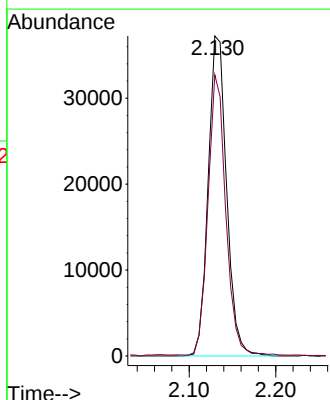
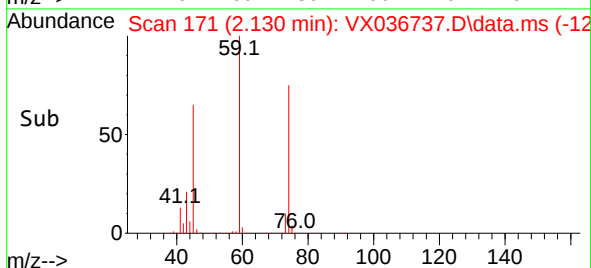
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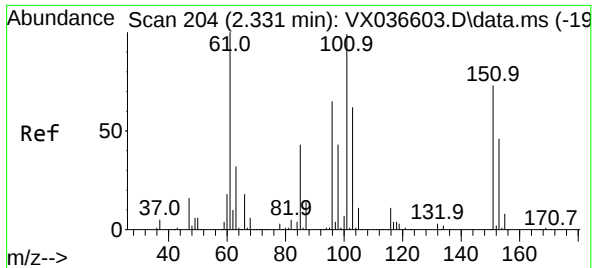


#8
 Diethyl Ether
 Concen: 48.240 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036737.D
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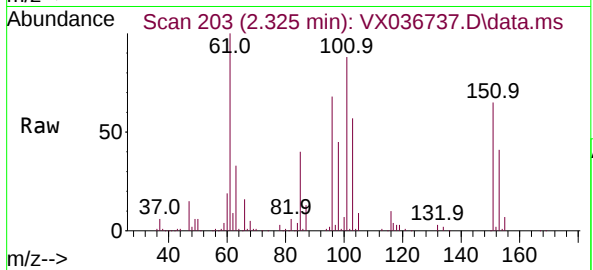
Tgt Ion: 74 Resp: 55016
 Ion Ratio Lower Upper
 74 100
 45 84.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.230 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036737.D
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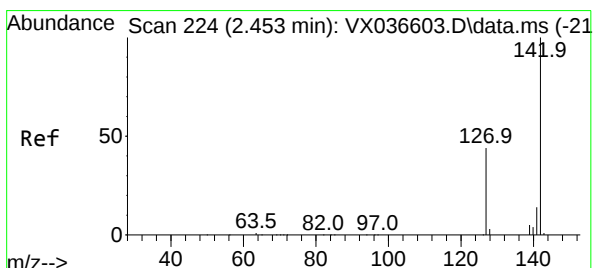
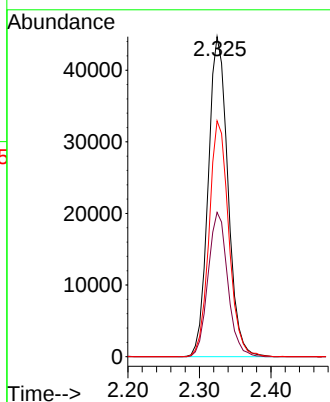
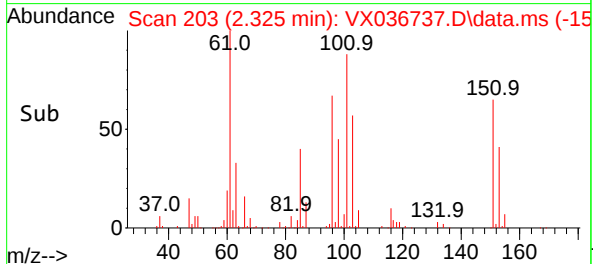
Instrument :
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Tgt Ion:101 Resp: 85410
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 73.5 58.6 87.8

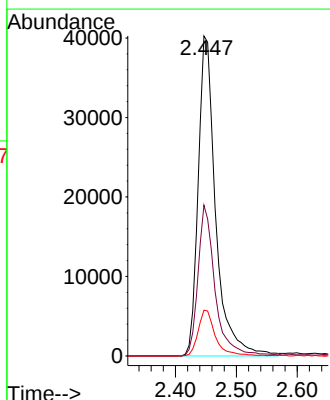
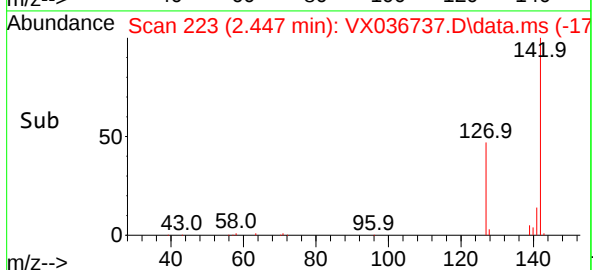
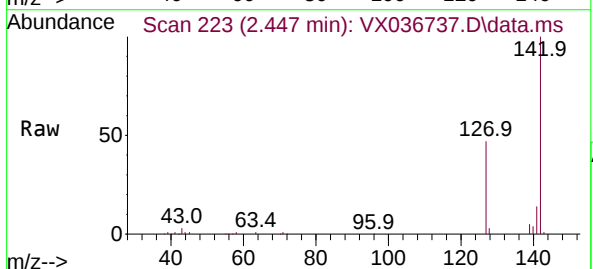
Manual Integrations
APPROVED

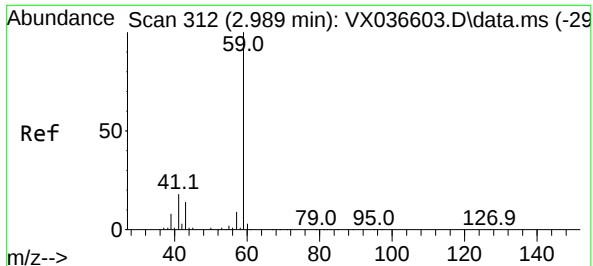
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
Methyl Iodide
Concen: 43.739 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion:142 Resp: 80458
Ion Ratio Lower Upper
142 100
127 45.9 41.6 62.4
141 14.2 11.6 17.4





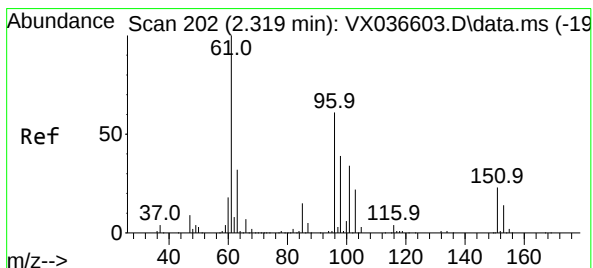
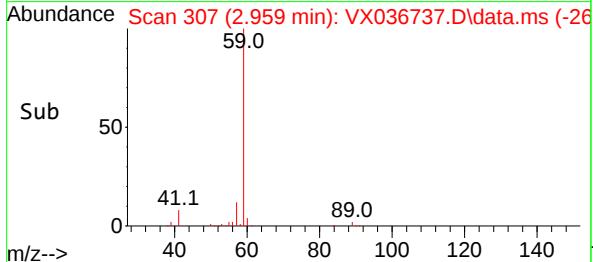
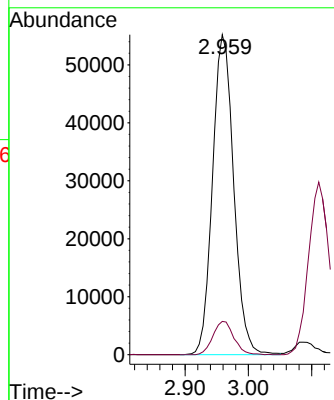
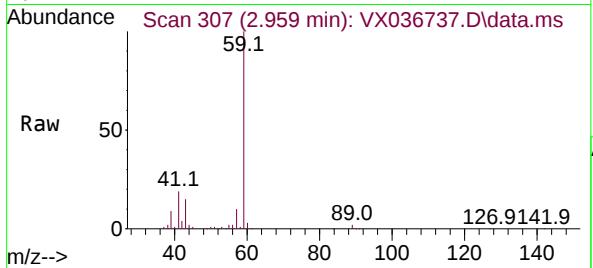
#11
Tert butyl alcohol
Concen: 234.471 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12816
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

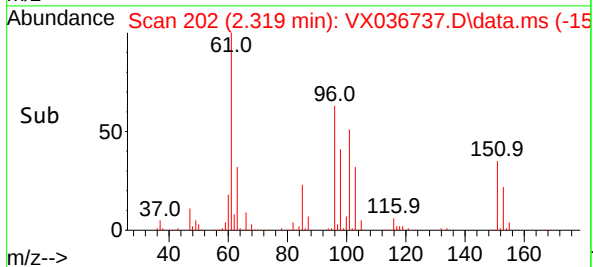
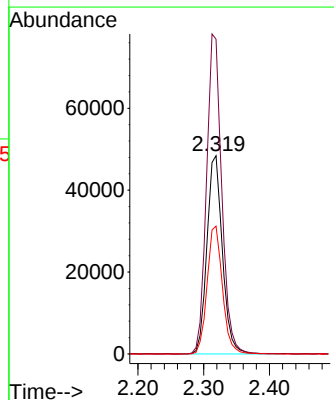
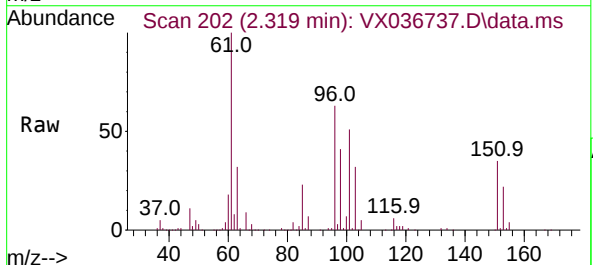
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
1,1-Dichloroethene
Concen: 45.486 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

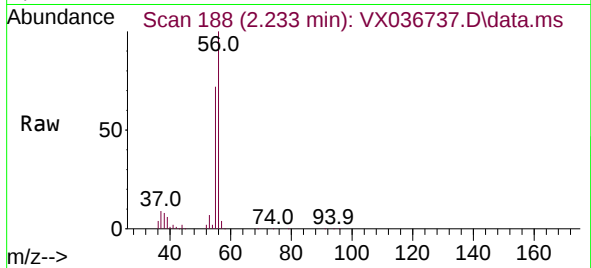
Tgt Ion: 96 Resp: 79477
Ion Ratio Lower Upper
96 100
61 158.7 144.6 216.8
98 64.5 50.4 75.6





#13
Acrolein
Concen: 307.793 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

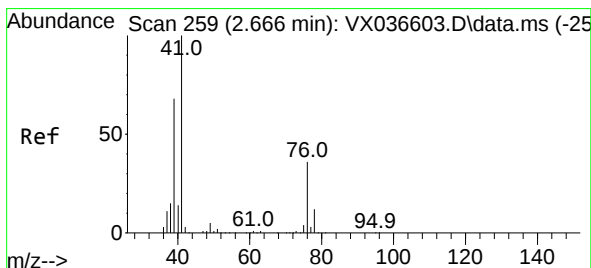
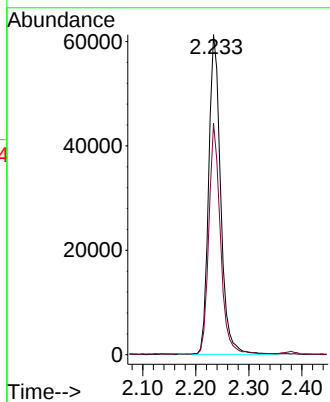
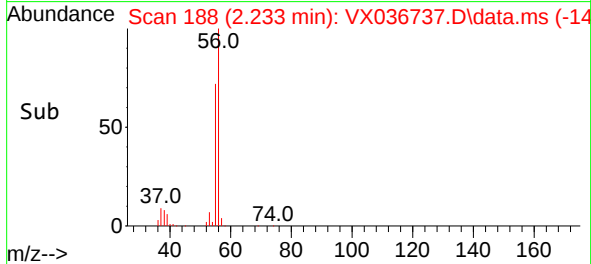
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



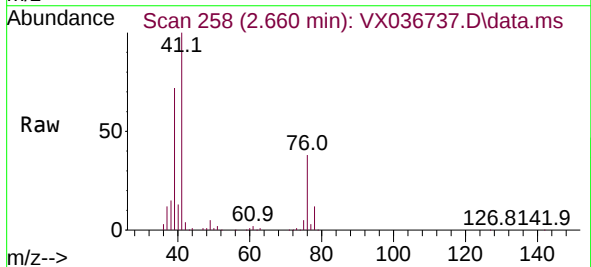
Tgt Ion: 56 Resp: 96015
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

Manual Integrations
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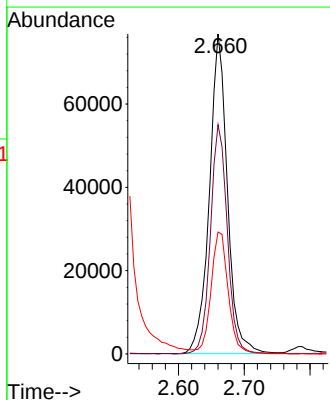
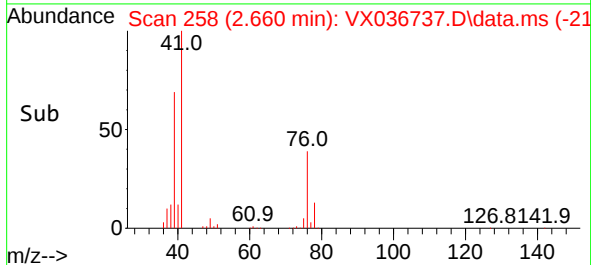
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

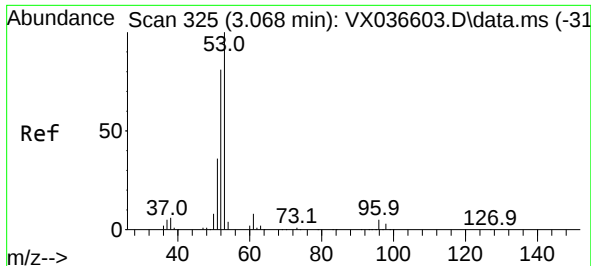


#14
Allyl chloride
Concen: 42.668 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



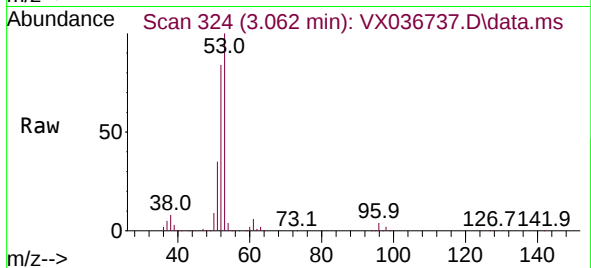
Tgt Ion: 41 Resp: 146803
Ion Ratio Lower Upper
41 100
39 67.3 55.8 83.6
76 36.7 24.3 36.5





#15
Acrylonitrile
Concen: 237.918 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

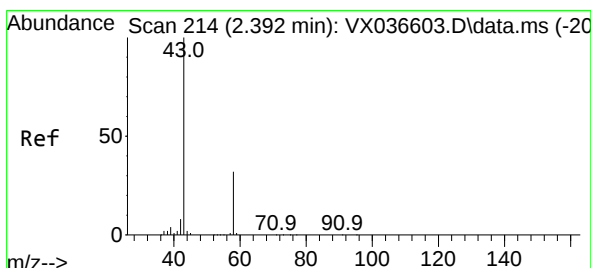
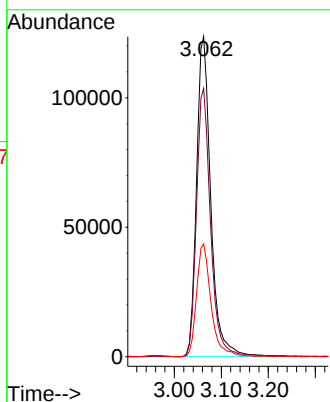
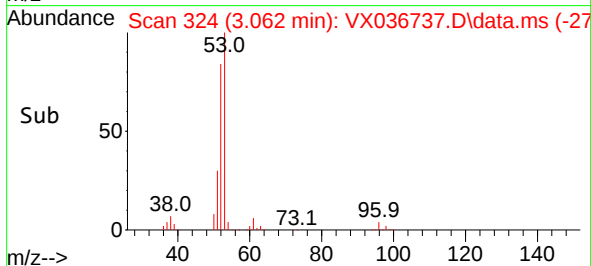
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 261530
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 35.9 29.8 44.6

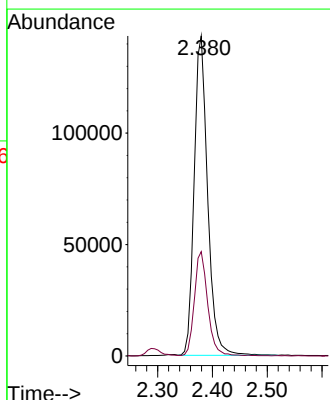
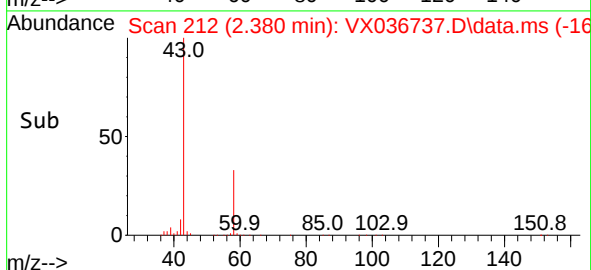
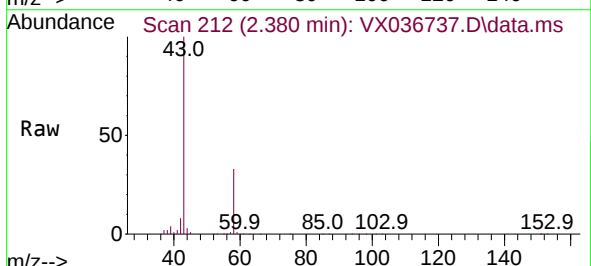
Manual Integrations
APPROVED

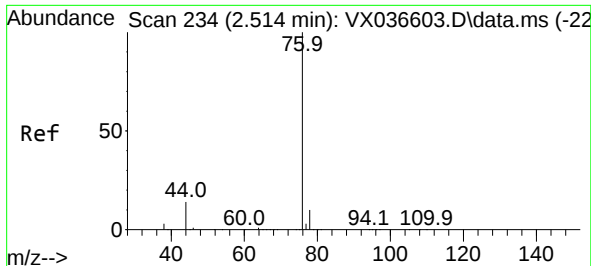
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#16
Acetone
Concen: 256.116 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 43 Resp: 245380
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 39.841 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 192128

Ion Ratio Lower Upper

76 100

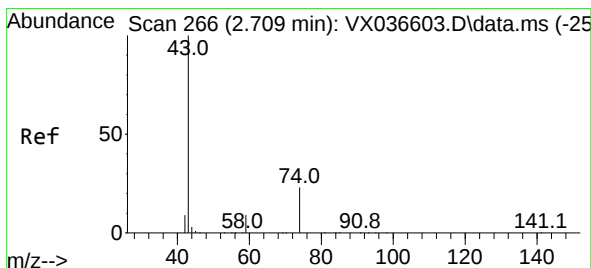
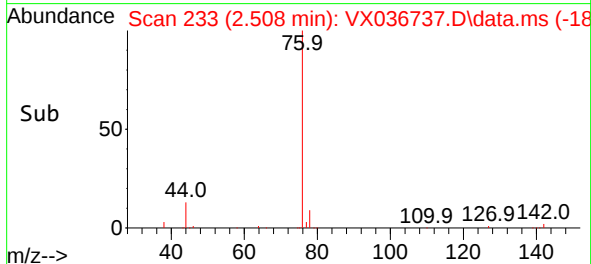
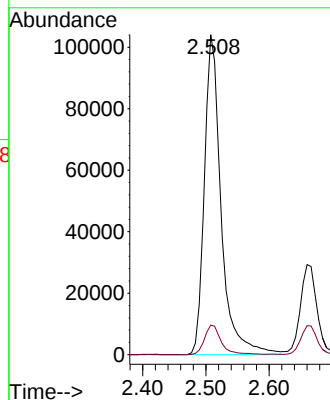
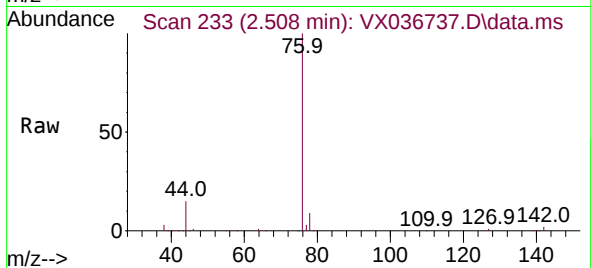
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#18

Methyl Acetate

Concen: 47.212 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036737.D

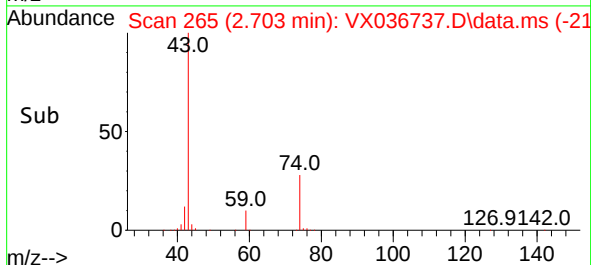
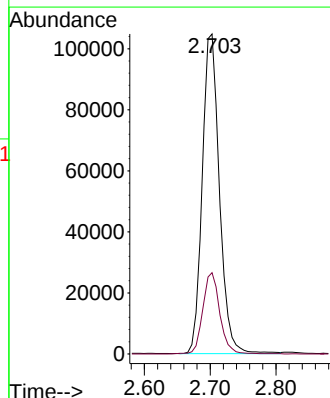
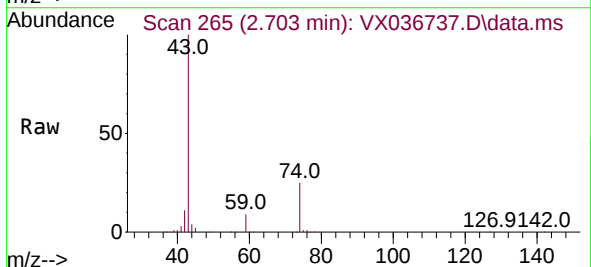
Acq: 01 Aug 2023 10:28

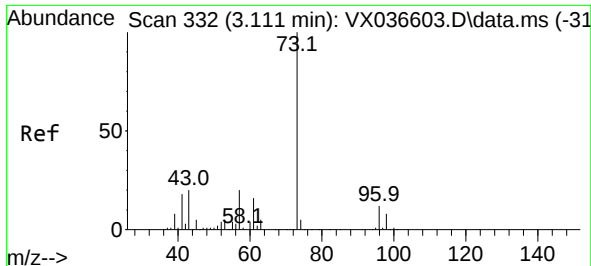
Tgt Ion: 43 Resp: 190286

Ion Ratio Lower Upper

43 100

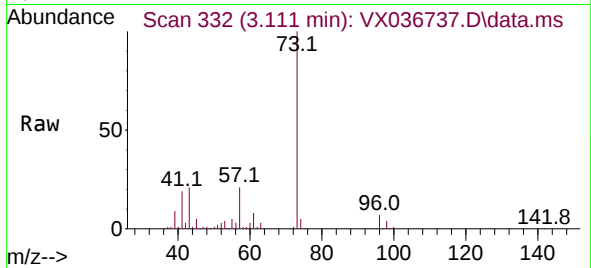
74 25.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.963 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

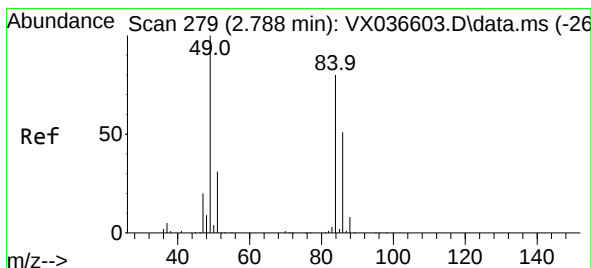
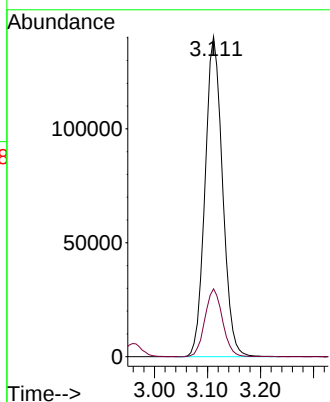
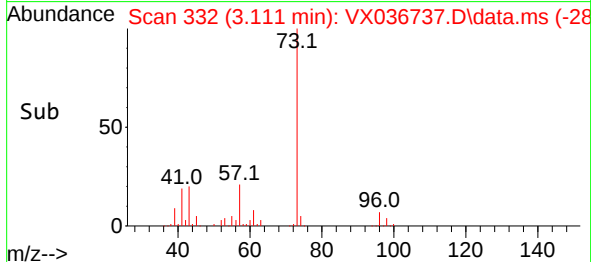
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 321488
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

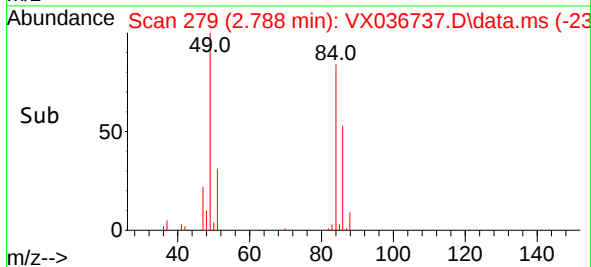
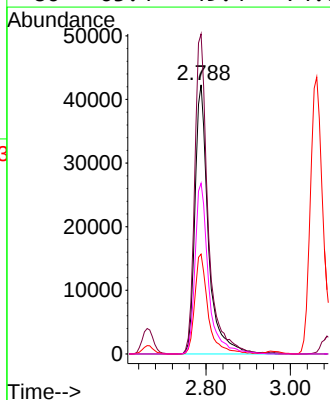
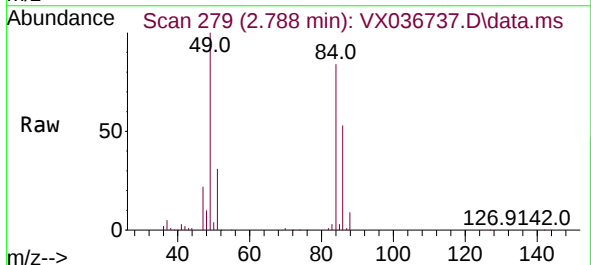
Manual Integrations
APPROVED

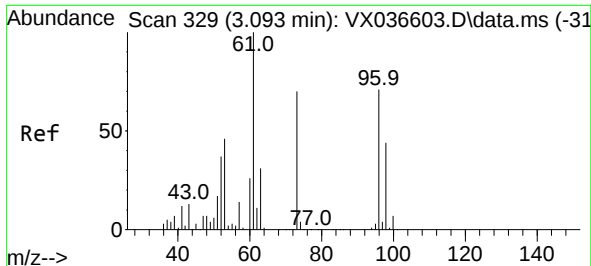
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#20
Methylene Chloride
Concen: 43.970 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

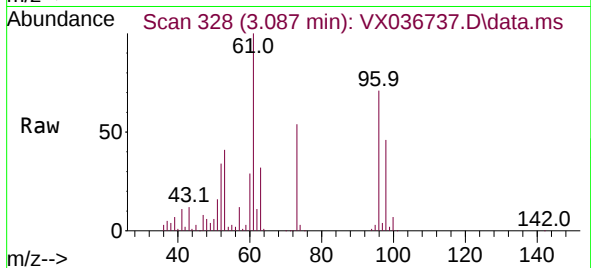
Tgt Ion: 84 Resp: 93688
Ion Ratio Lower Upper
84 100
49 118.9 103.6 155.4
51 37.1 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.515 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

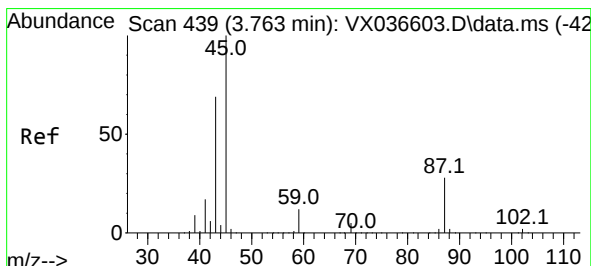
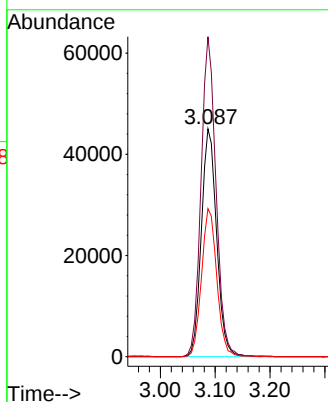
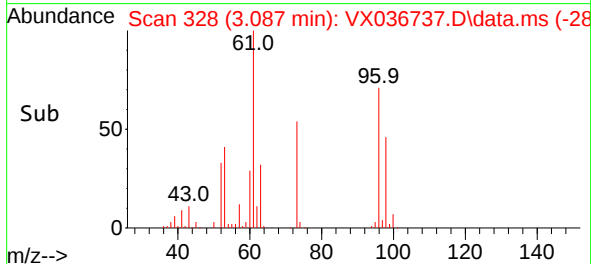
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



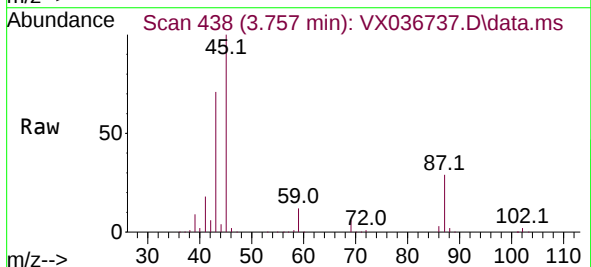
Tgt Ion: 96 Resp: 86928
Ion Ratio Lower Upper
96 100
61 140.5 119.2 178.8
98 64.9 48.7 73.1

Manual Integrations
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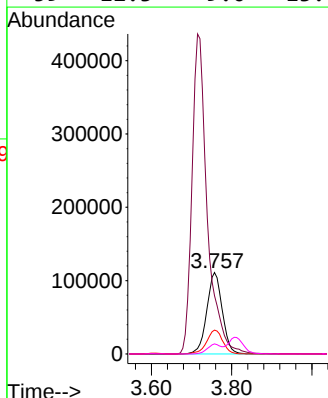
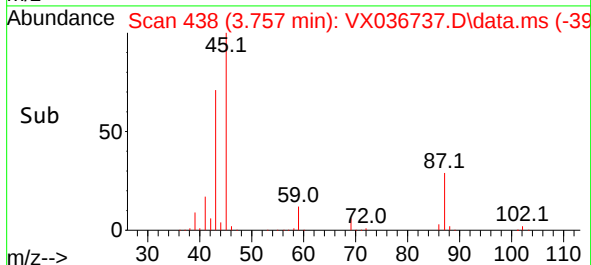
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

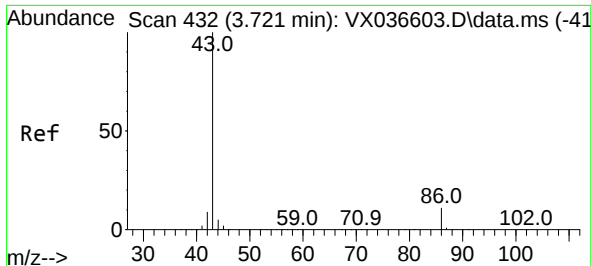


#22
Diisopropyl ether
Concen: 45.442 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion: 45 Resp: 296862
Ion Ratio Lower Upper
45 100
43 71.1 69.7 104.5
87 29.2 20.8 31.2
59 12.3 9.0 13.4





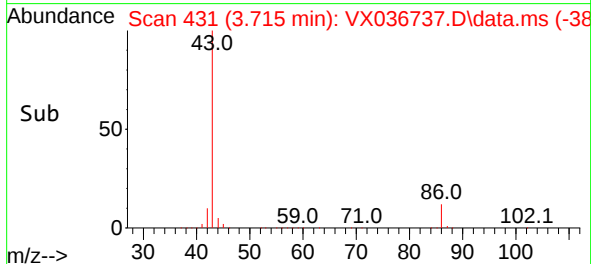
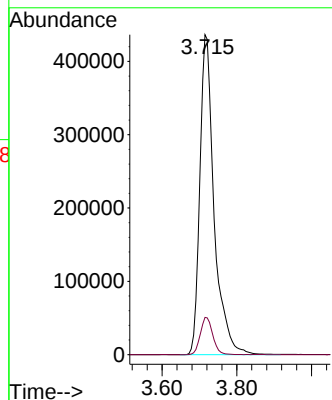
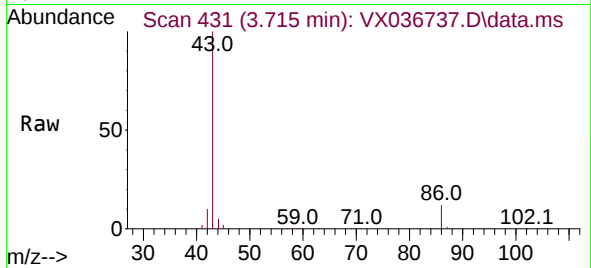
#23
Vinyl Acetate
Concen: 230.570 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1155400
Ion Ratio Lower Upper
43 100
86 11.6 7.8 11.8

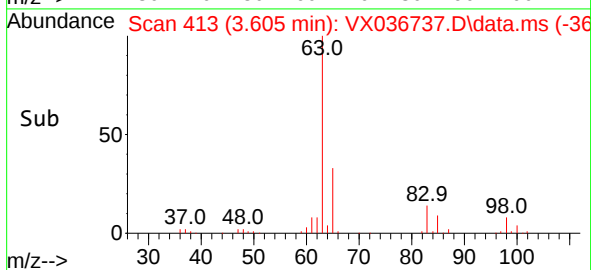
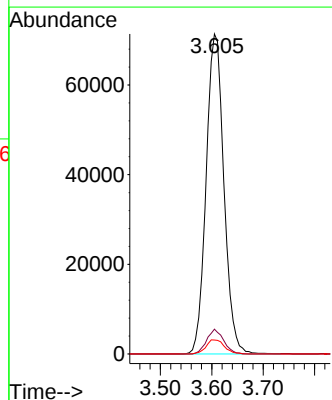
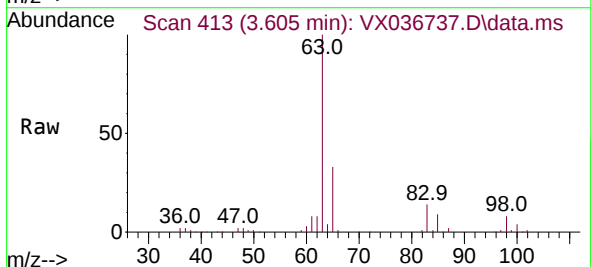
Manual Integrations
APPROVED

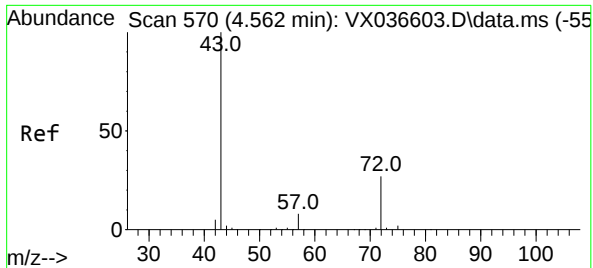
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#24
1,1-Dichloroethane
Concen: 46.815 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 63 Resp: 171468
Ion Ratio Lower Upper
63 100
98 7.8 3.3 9.8
100 4.4 2.1 6.5





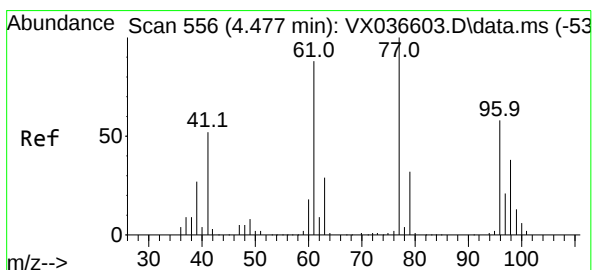
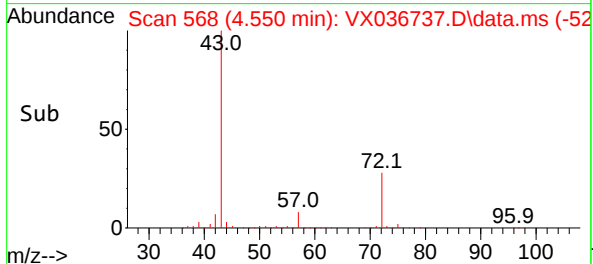
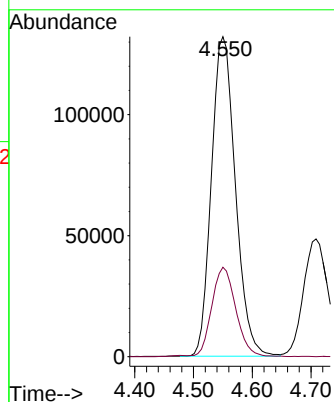
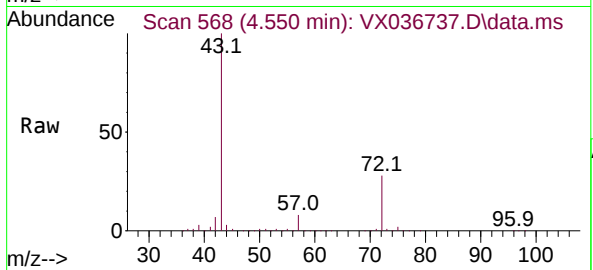
#25
2-Butanone
Concen: 241.275 ug/l
RT: 4.550 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 375049
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.2

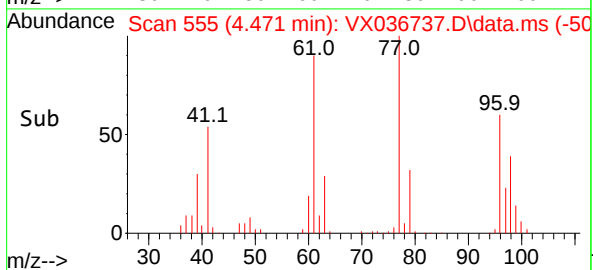
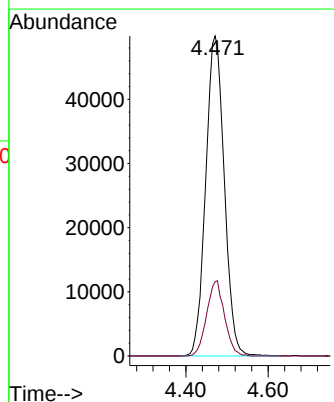
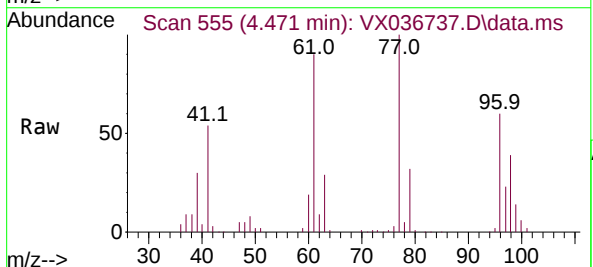
Manual Integrations
APPROVED

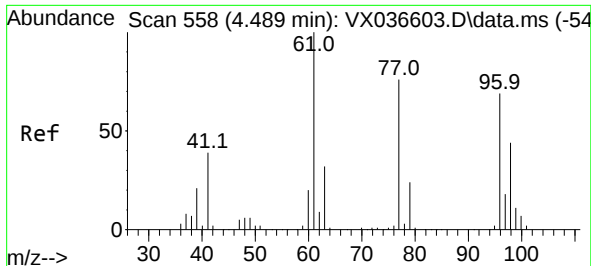
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#26
2,2-Dichloropropane
Concen: 45.352 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 77 Resp: 156521
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.606 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036737.D

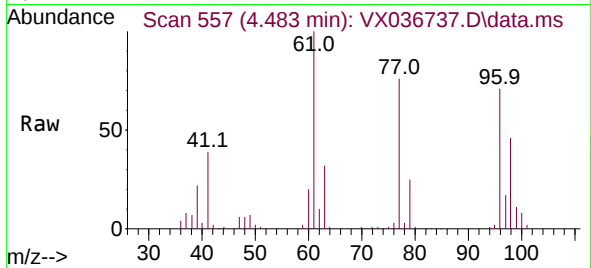
Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 108098

Ion Ratio Lower Upper

96 100

61 143.6 0.0 312.2

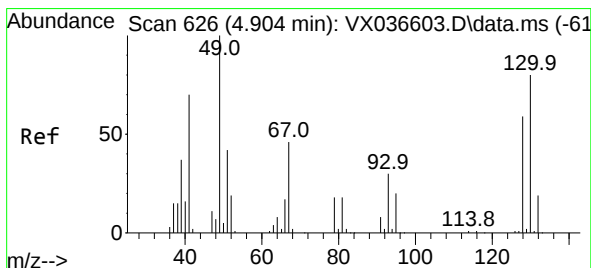
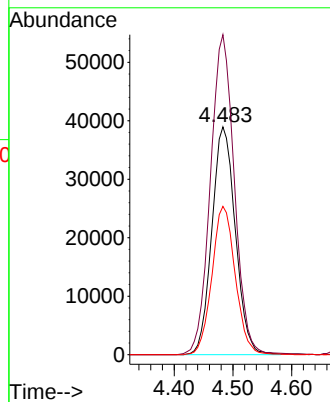
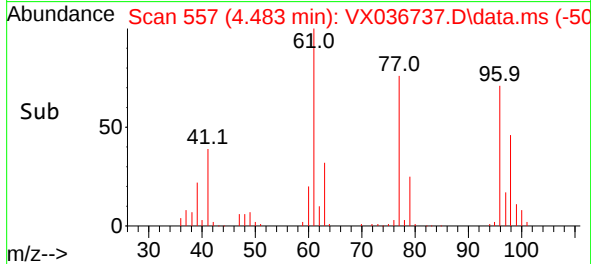
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#28

Bromochloromethane

Concen: 49.111 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

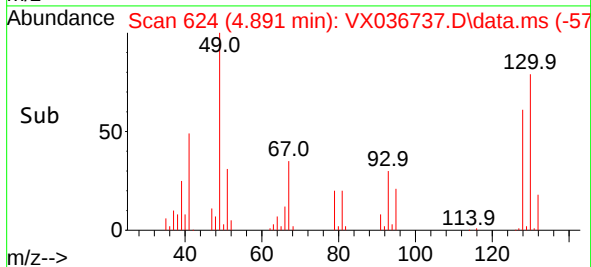
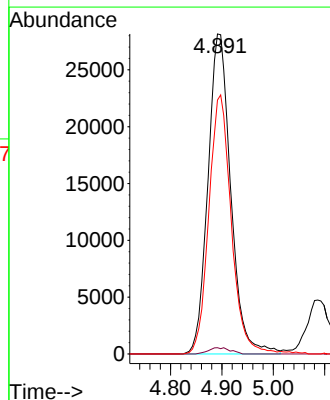
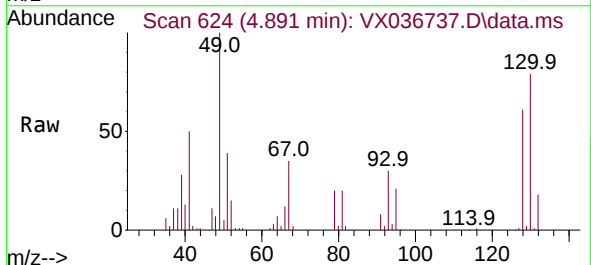
Tgt Ion: 49 Resp: 86994

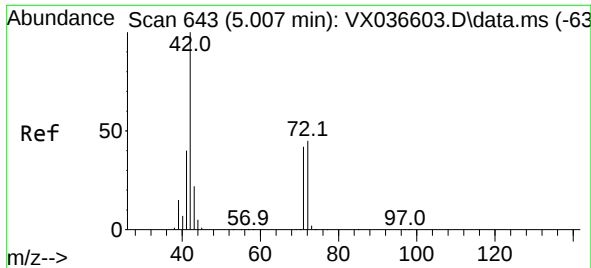
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

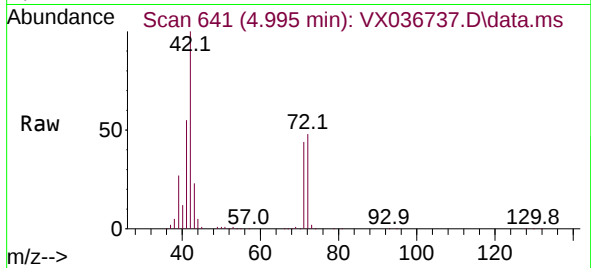
130 79.8 57.5 86.3





#29
Tetrahydrofuran
Concen: 230.570 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.012 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

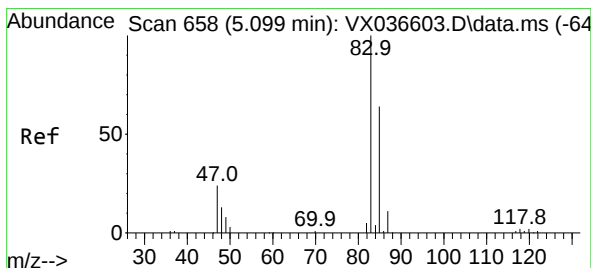
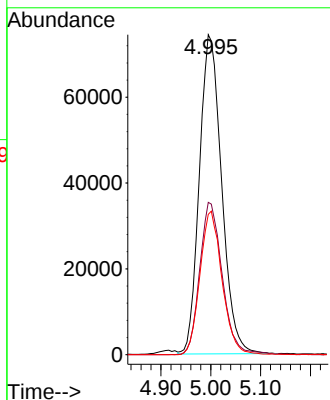
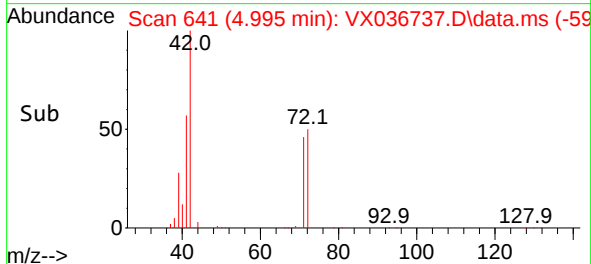
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 23107
Ion Ratio Lower Upper
42 100
72 48.2 34.2 51.4
71 44.6 32.2 48.2

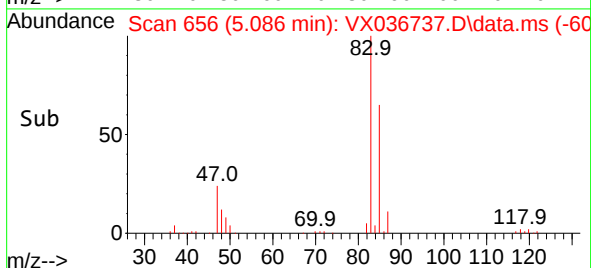
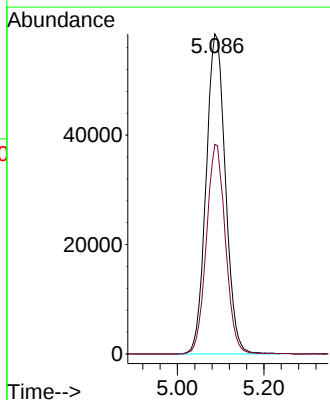
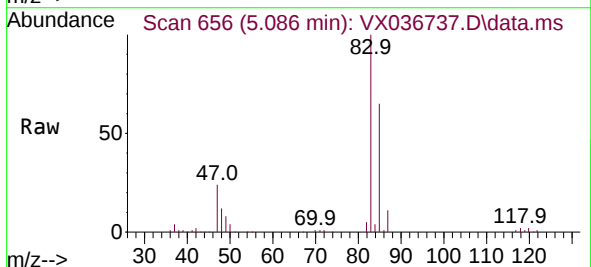
Manual Integrations
APPROVED

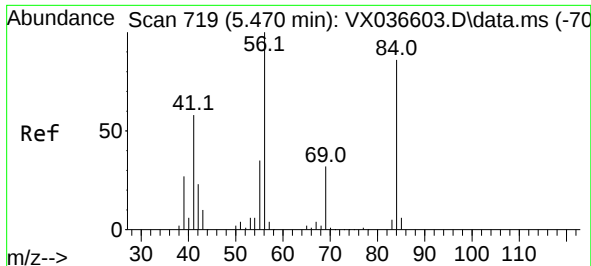
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#30
Chloroform
Concen: 48.414 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

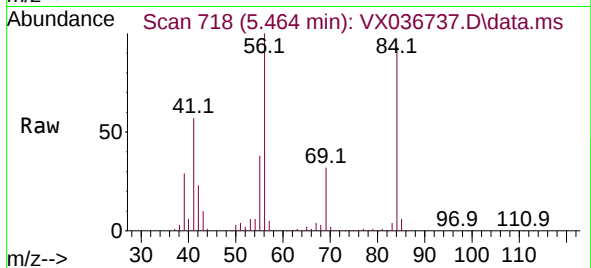
Tgt Ion: 83 Resp: 181418
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5





#31
Cyclohexane
Concen: 42.677 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

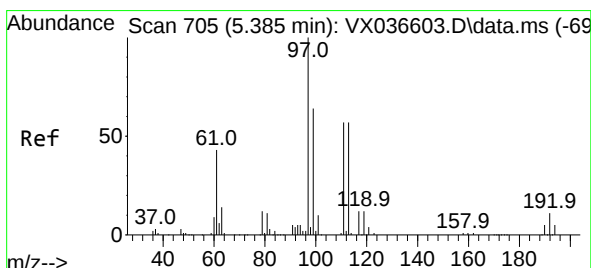
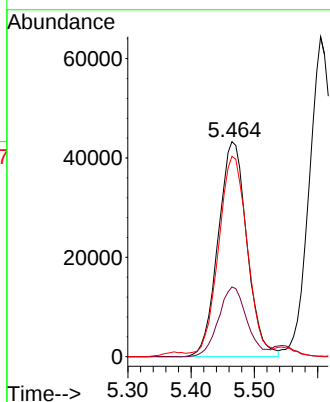
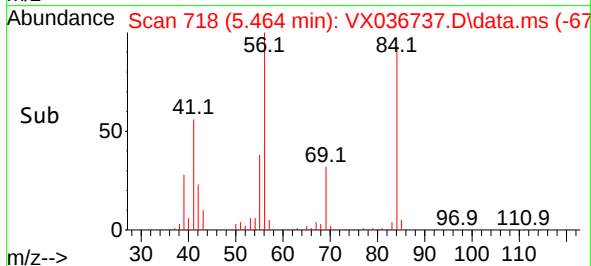
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



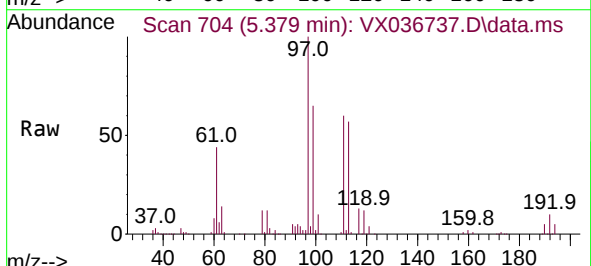
Tgt Ion: 56 Resp: 136429
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 91.3 65.9 98.9

Manual Integrations
APPROVED

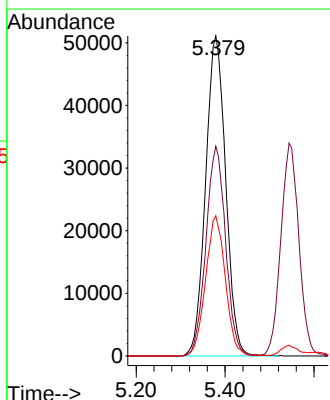
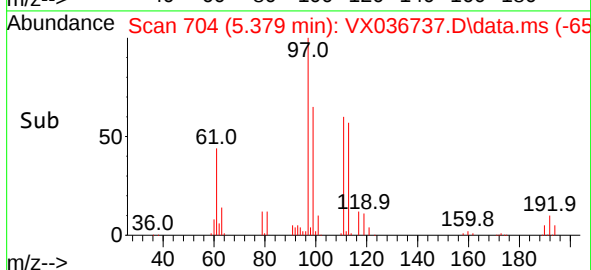
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

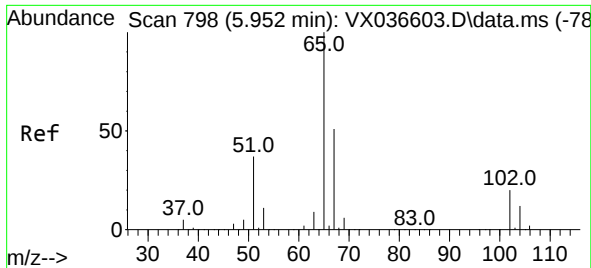


#32
1,1,1-Trichloroethane
Concen: 46.695 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



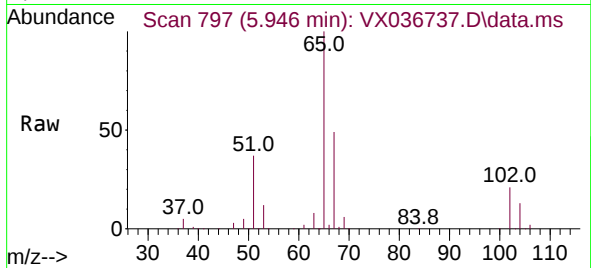
Tgt Ion: 97 Resp: 160327
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.2 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 45.014 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

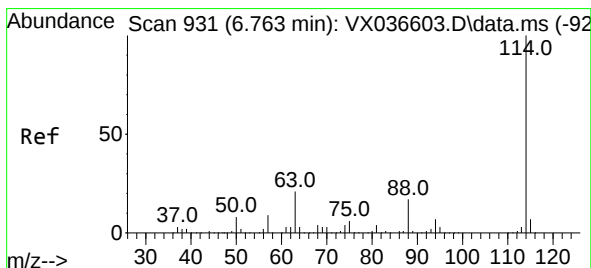
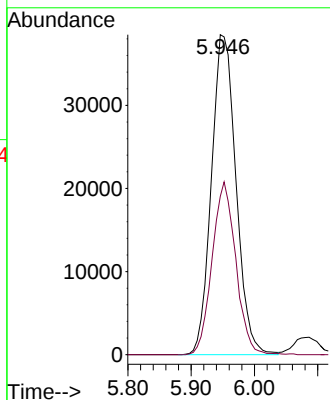
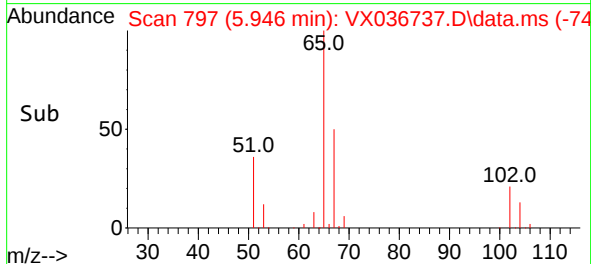
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



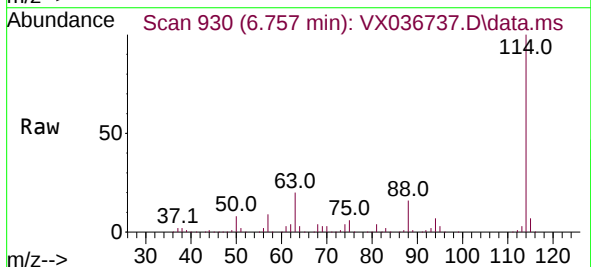
Tgt Ion: 65 Resp: 103930
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

Manual Integrations
APPROVED

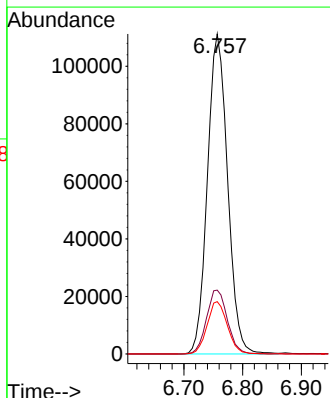
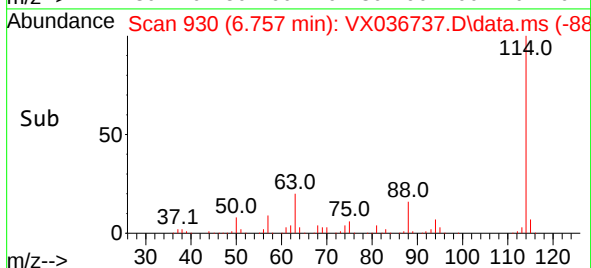
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion:114 Resp: 265278
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.085 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

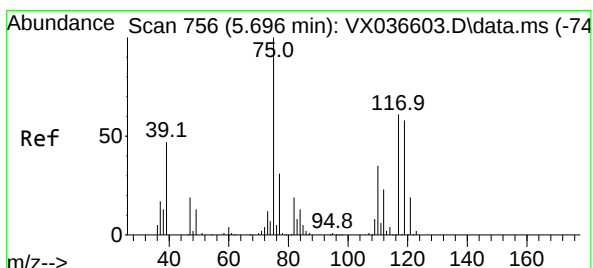
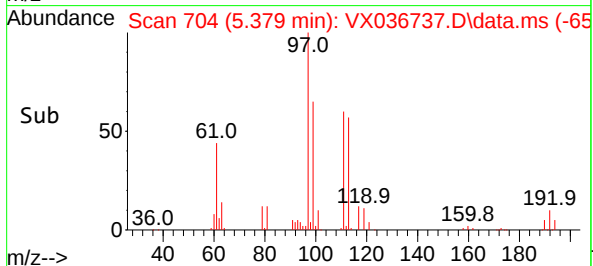
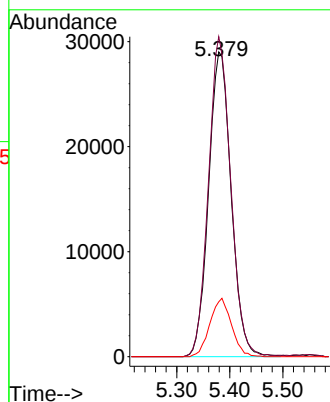
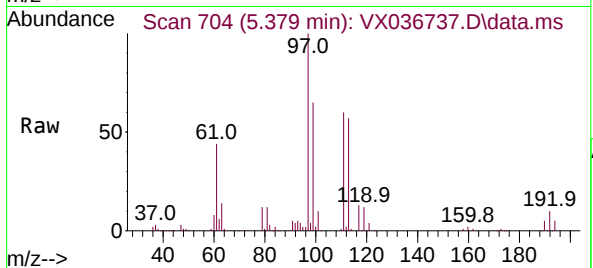
Tgt Ion:	113	Resp:	8585
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#36

1,1-Dichloropropene

Concen: 46.677 ug/l

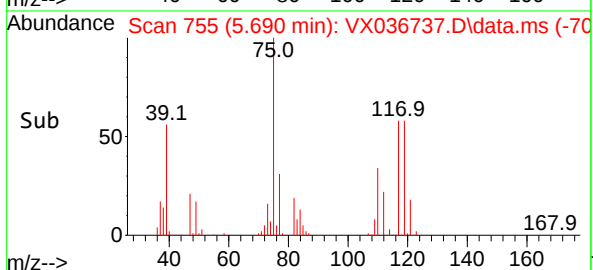
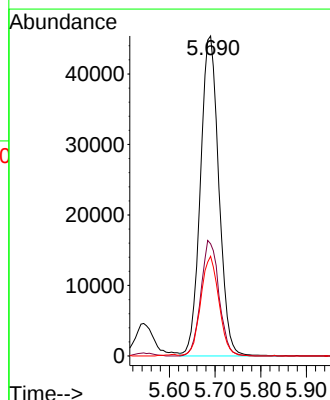
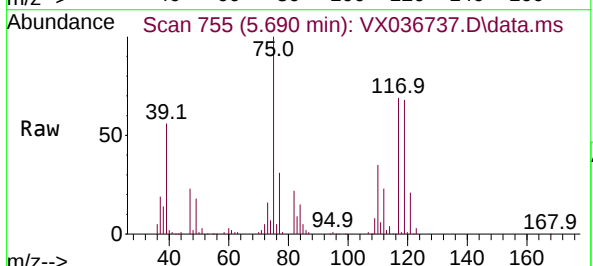
RT: 5.690 min Scan# 755

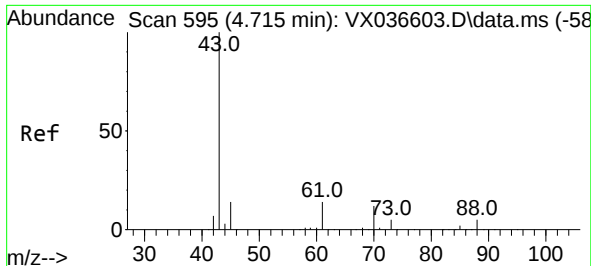
Delta R.T. -0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Tgt Ion:	75	Resp:	126855
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.0	50.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 47.144 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 145010

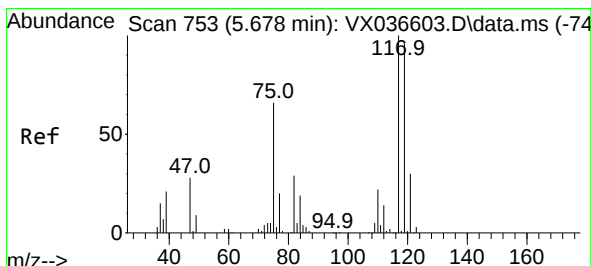
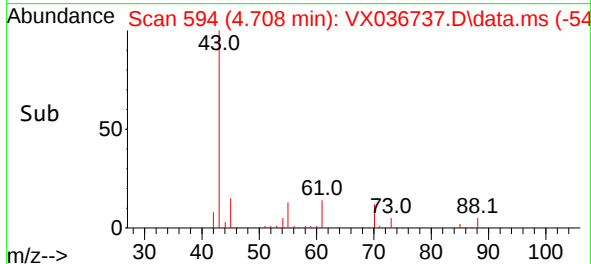
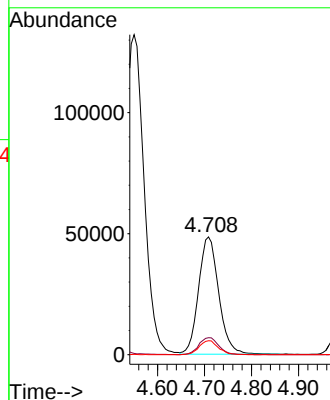
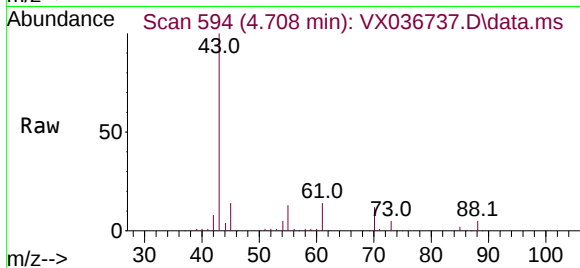
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	11.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Carbon Tetrachloride

Concen: 48.807 ug/l

RT: 5.672 min Scan# 752

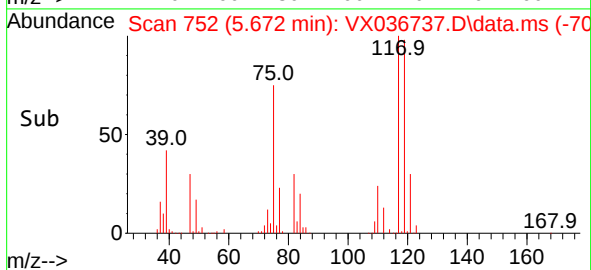
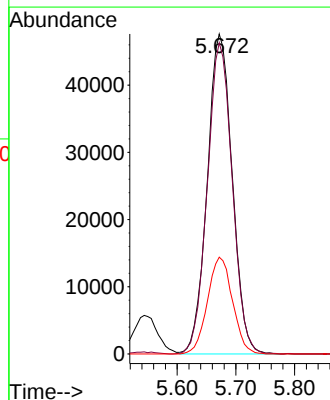
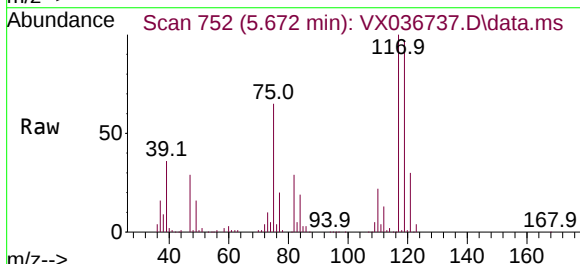
Delta R.T. -0.006 min

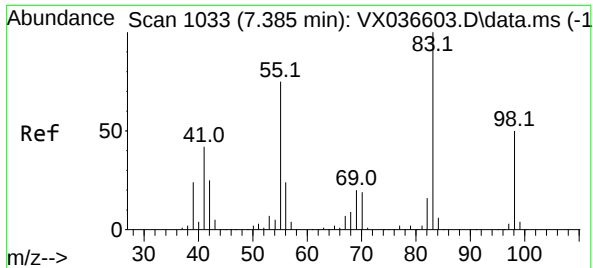
Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Tgt Ion:117 Resp: 141018

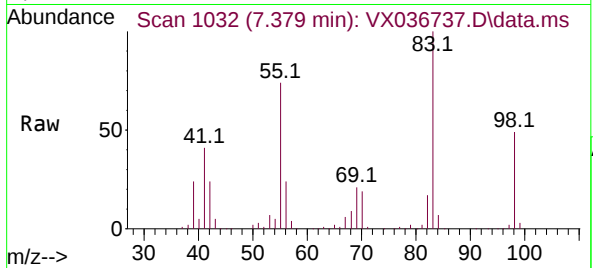
Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.2	117.2
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 46.260 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

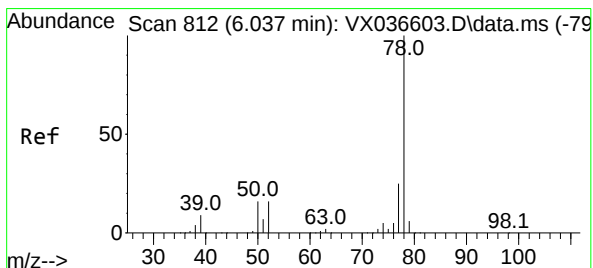
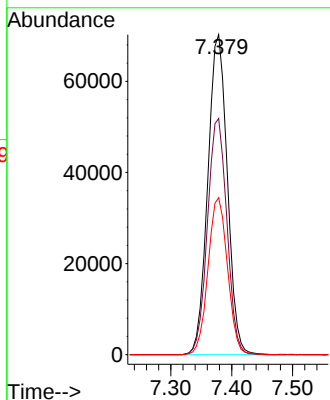
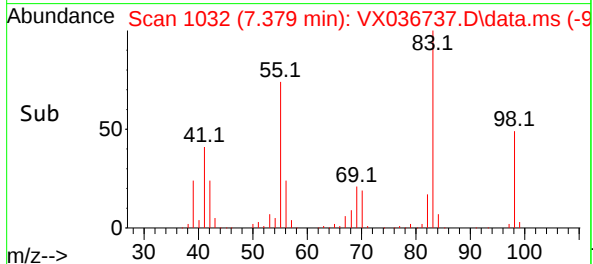
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 156330
Ion Ratio Lower Upper
83 100
55 73.8 64.6 97.0
98 49.1 36.7 55.1

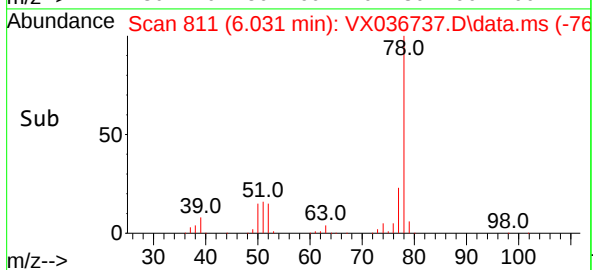
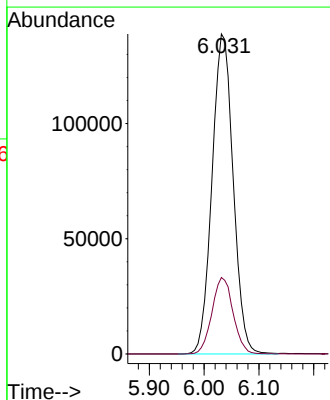
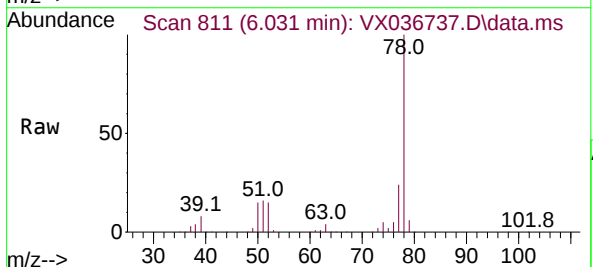
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#40
Benzene
Concen: 47.039 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 78 Resp: 371942
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





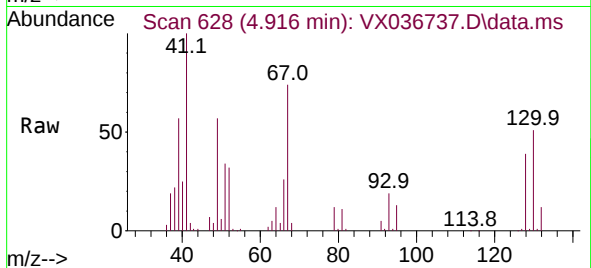
#41
Methacrylonitrile
Concen: 47.272 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



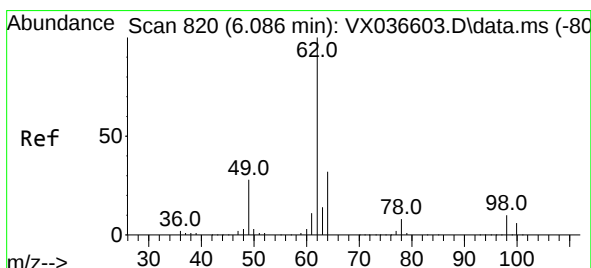
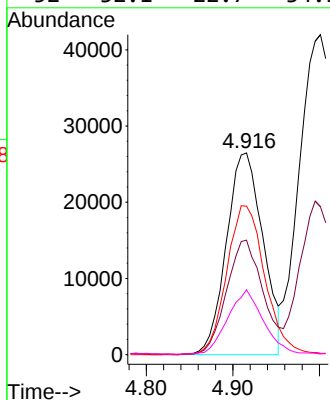
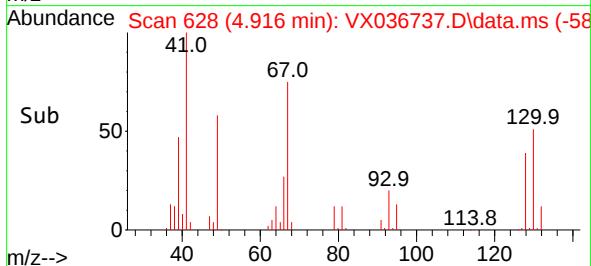
Tgt Ion: 41 Resp: 77772
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 77.3 52.6 78.8
52 32.1 22.7 34.1

Manual Integrations

APPROVED

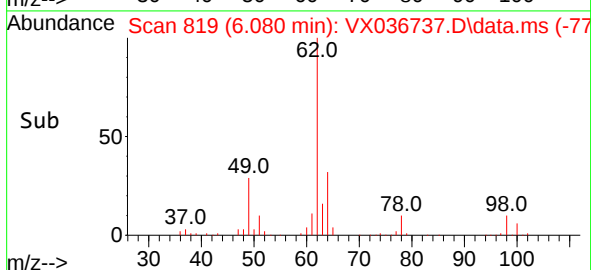
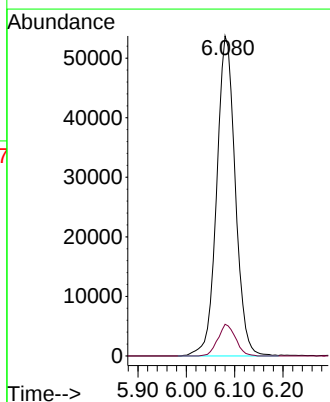
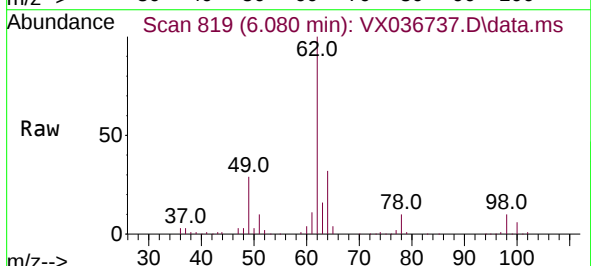
Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#42
1,2-Dichloroethane
Concen: 49.618 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 62 Resp: 143443
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 46.635 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

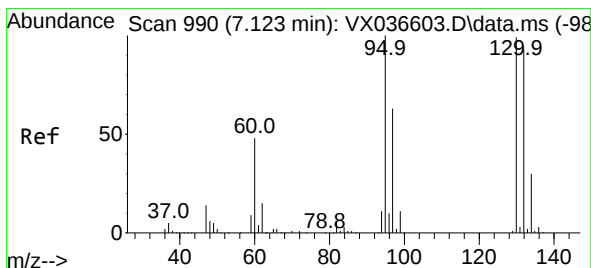
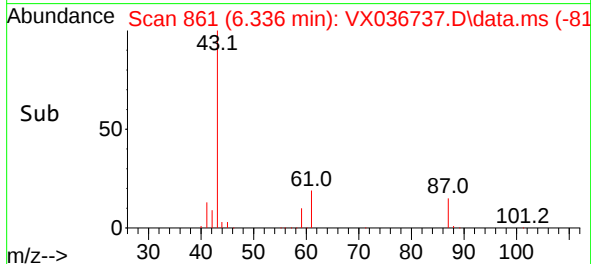
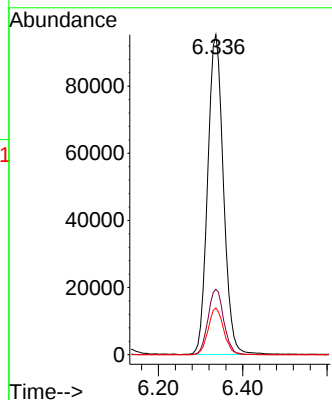
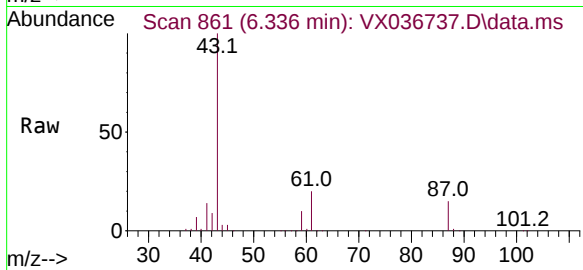
Tgt Ion: 43	Resp: 246934
Ion Ratio	Lower Upper
43 100	
61 20.4	15.2 22.8
87 14.4	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#44

Trichloroethene

Concen: 48.260 ug/l

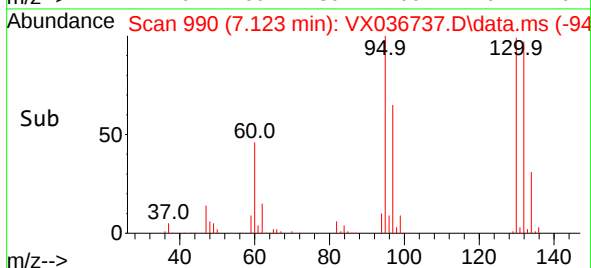
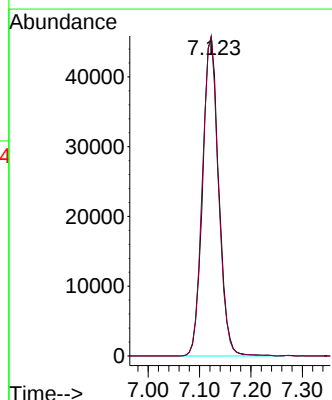
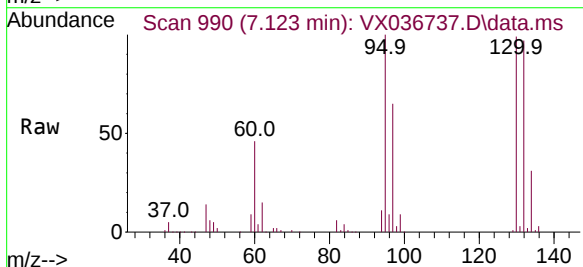
RT: 7.123 min Scan# 990

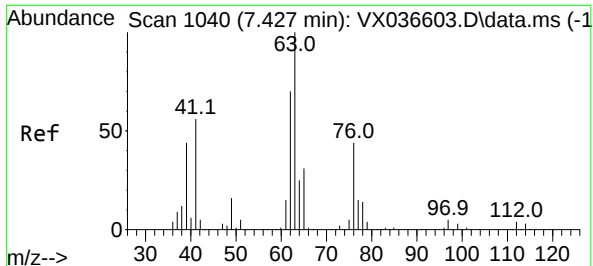
Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Tgt Ion:130	Resp:	99744	
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 47.225 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9969

Ion Ratio Lower Upper

63 100

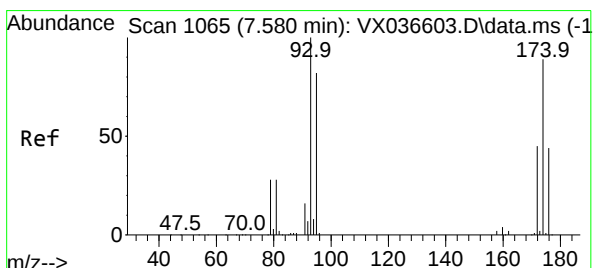
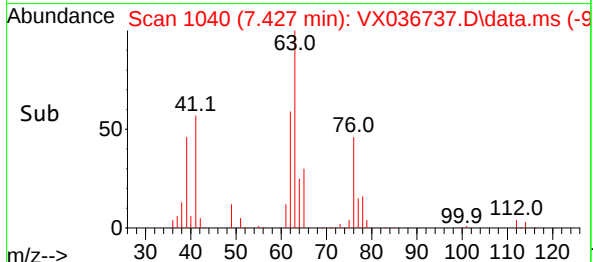
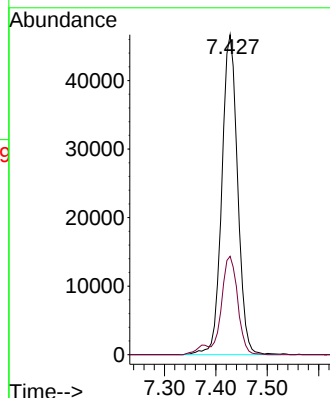
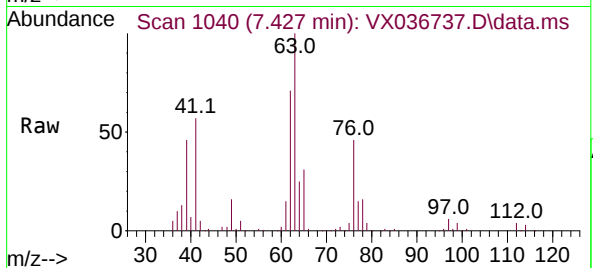
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#46

Dibromomethane

Concen: 49.267 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

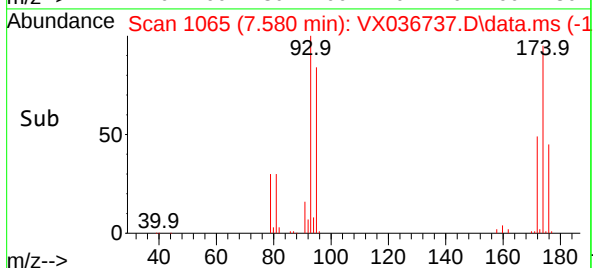
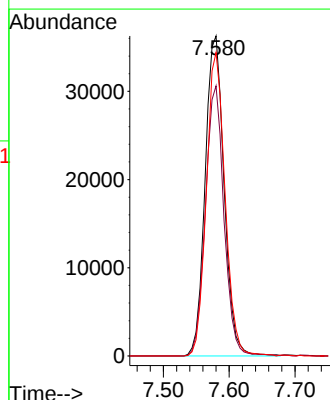
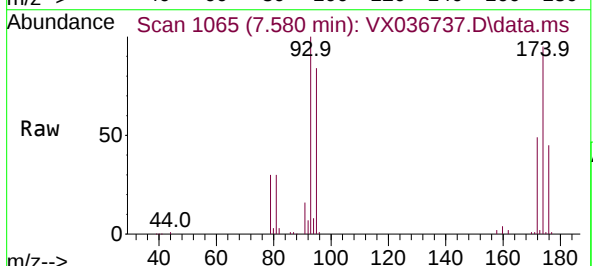
Tgt Ion: 93 Resp: 72792

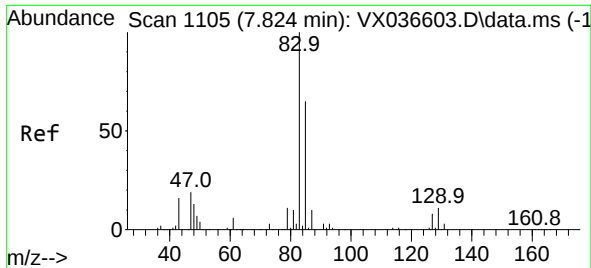
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

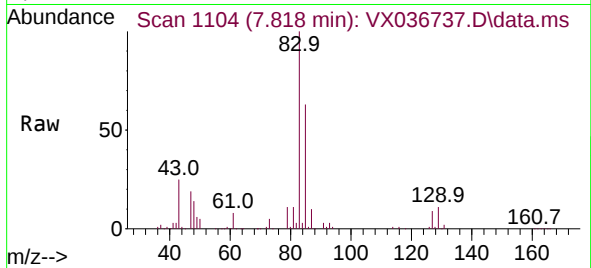
174 93.3 69.4 104.0





#47
Bromodichloromethane
Concen: 48.928 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

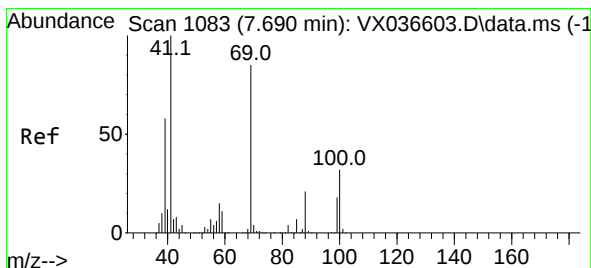
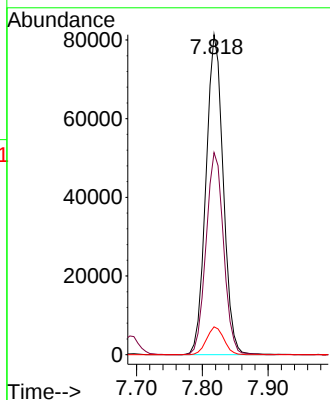
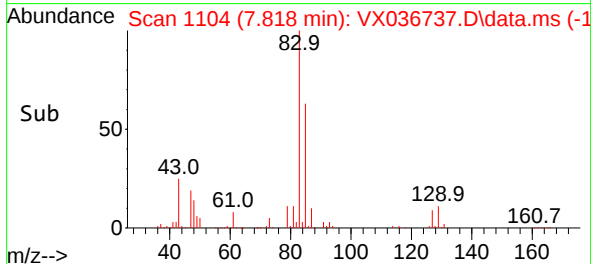
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 148390
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.7 7.1 10.7

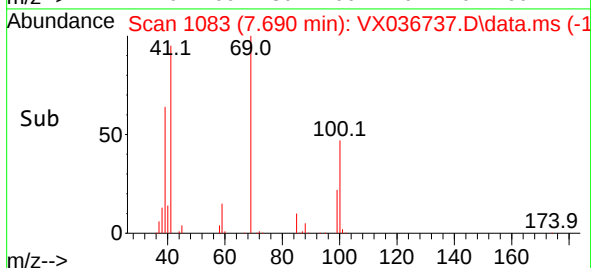
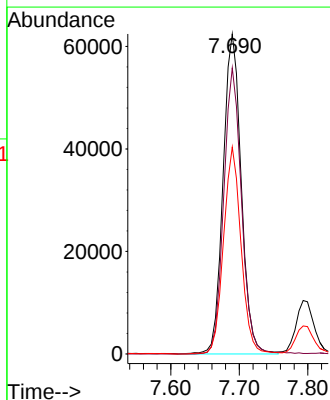
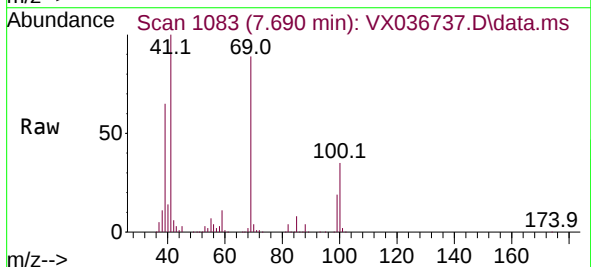
Manual Integrations
APPROVED

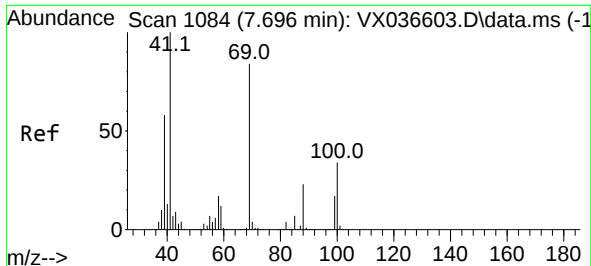
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#48
Methyl methacrylate
Concen: 46.557 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 41 Resp: 114645
Ion Ratio Lower Upper
41 100
69 87.8 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1000.417 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4976

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0

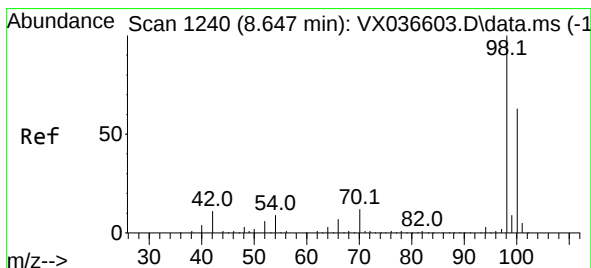
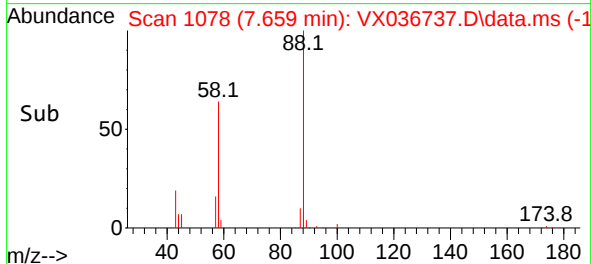
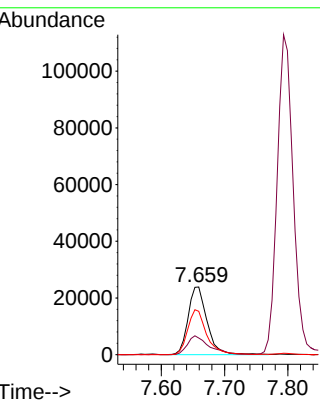
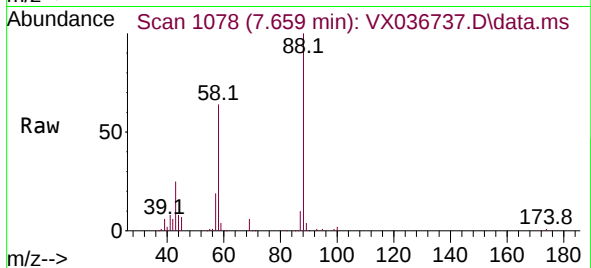
58 66.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#50

Toluene-d8

Concen: 46.182 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036737.D

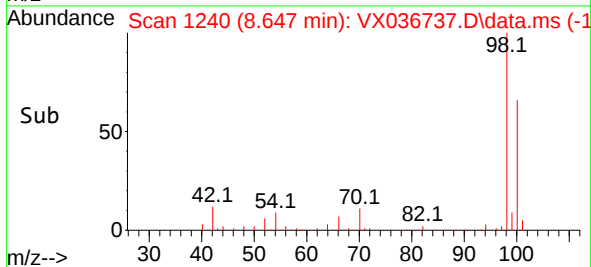
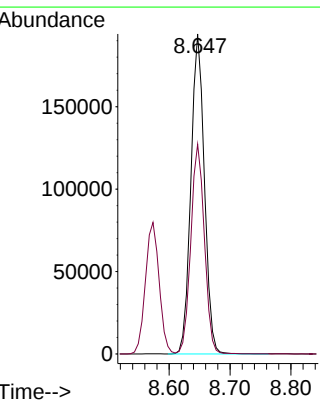
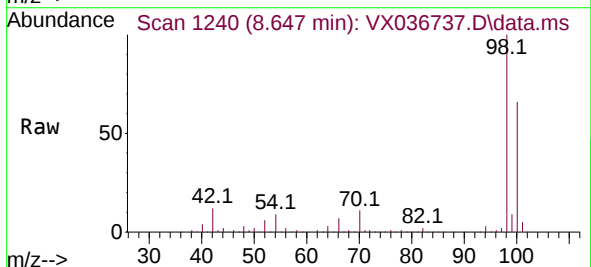
Acq: 01 Aug 2023 10:28

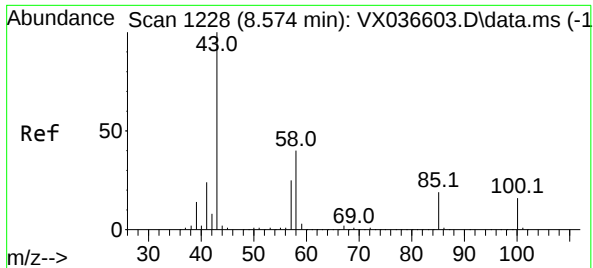
Tgt Ion: 98 Resp: 298614

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





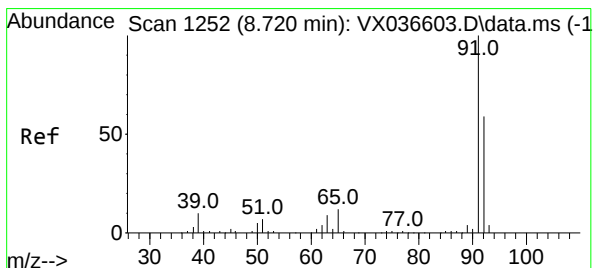
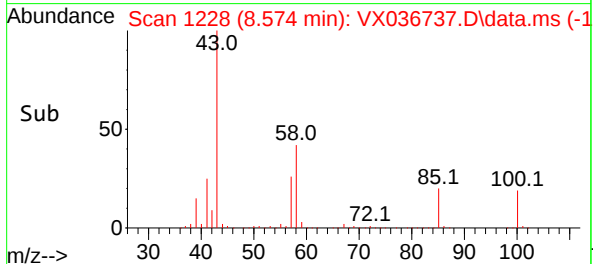
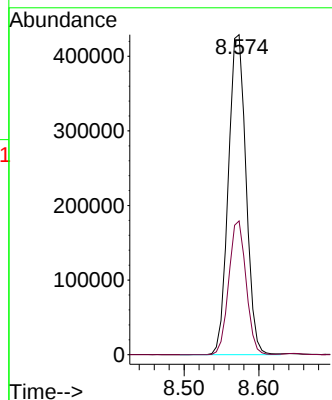
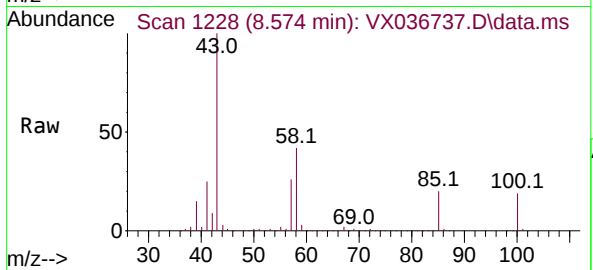
#51
4-Methyl-2-Pentanone
Concen: 240.115 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 70359
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6

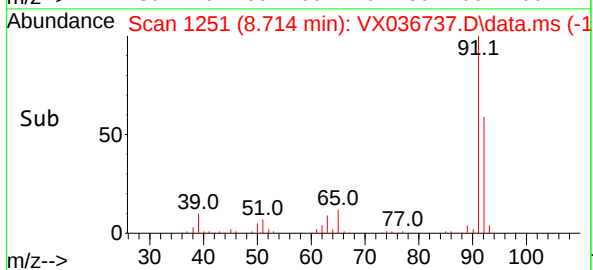
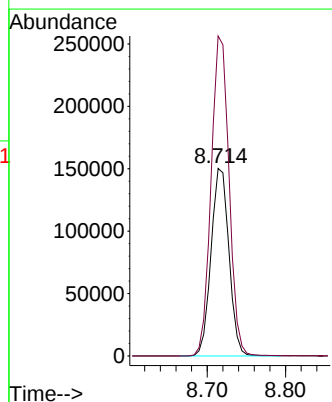
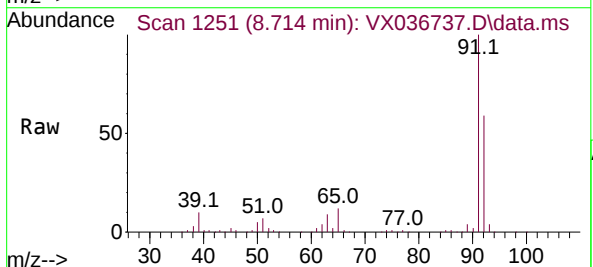
Manual Integrations
APPROVED

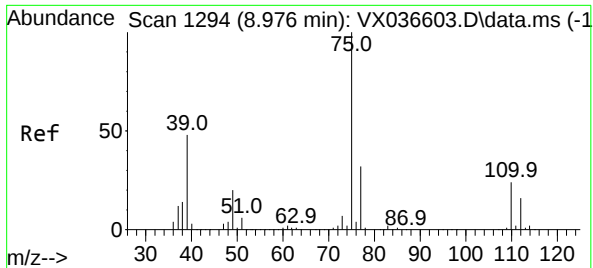
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
Toluene
Concen: 48.133 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 92 Resp: 238476
Ion Ratio Lower Upper
92 100
91 170.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 48.663 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

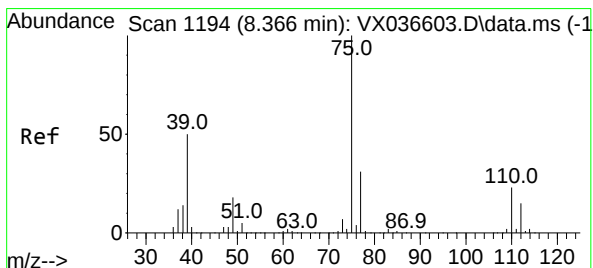
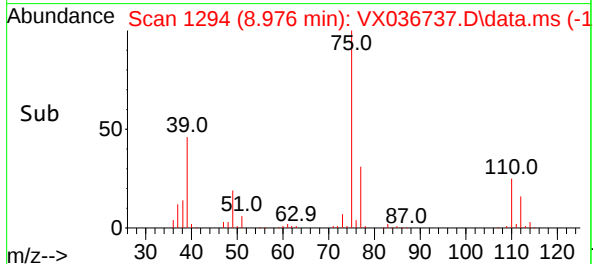
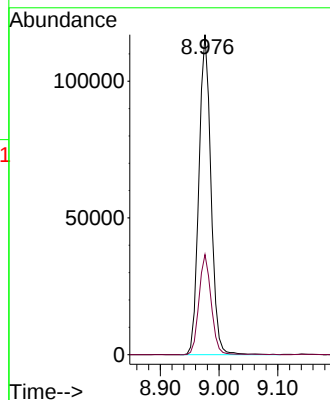
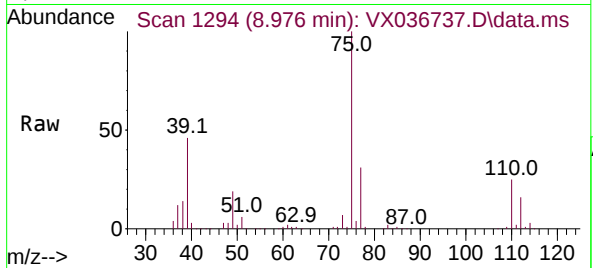
VSTDCCC050

Tgt Ion: 75 Resp: 166808
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

Manual Integrations

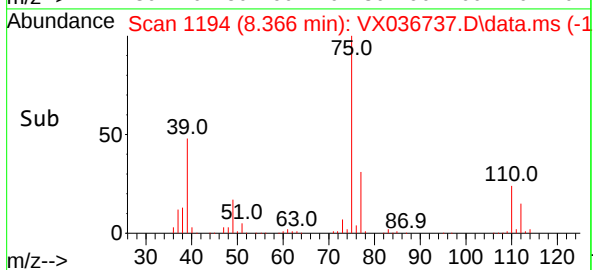
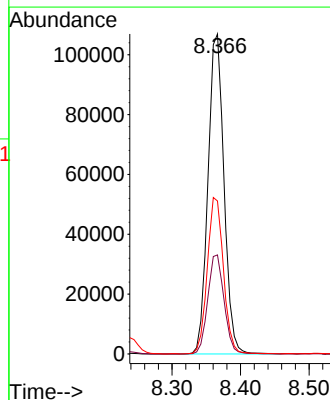
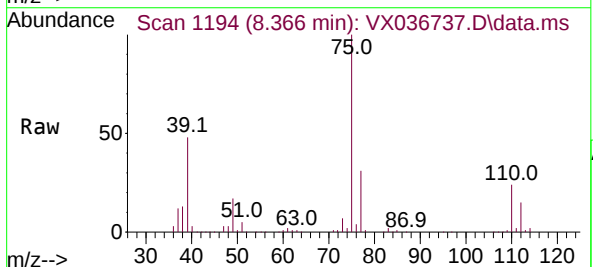
APPROVED

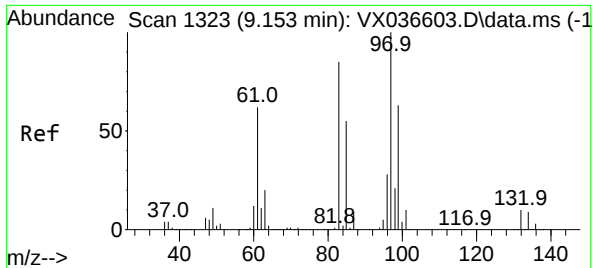
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#54
cis-1,3-Dichloropropene
Concen: 48.108 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

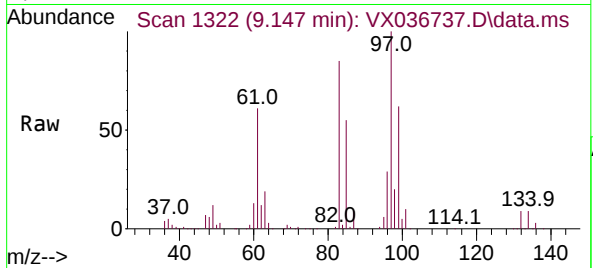
Tgt Ion: 75 Resp: 174009
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 47.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.290 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

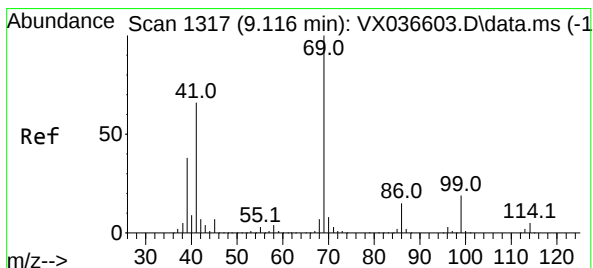
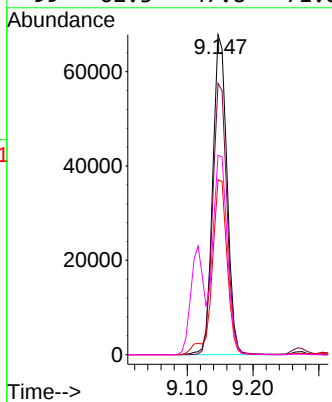
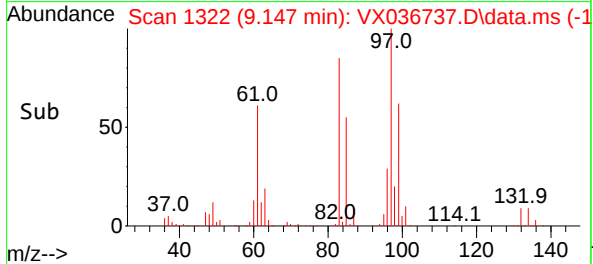
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



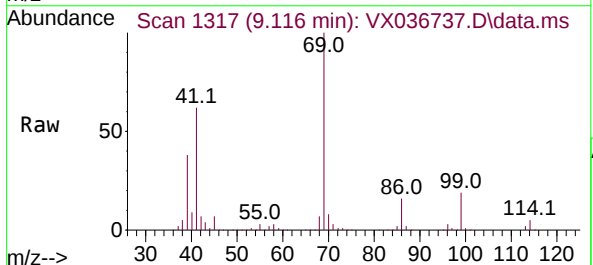
Tgt Ion: 97 Resp: 102653
Ion Ratio Lower Upper
97 100
83 84.7 65.8 98.8
85 54.7 41.6 62.4
99 62.3 47.8 71.8

Manual Integrations
APPROVED

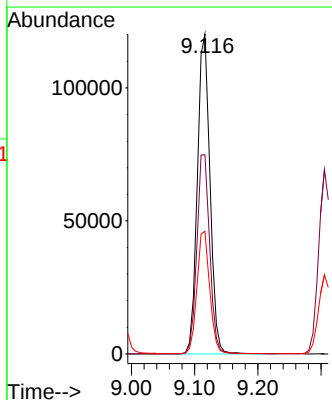
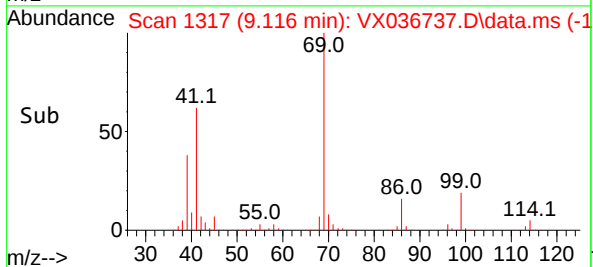
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

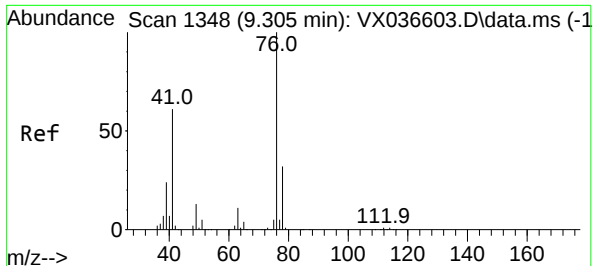


#56
Ethyl methacrylate
Concen: 49.382 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion: 69 Resp: 167470
Ion Ratio Lower Upper
69 100
41 63.3 56.8 85.2
39 38.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.261 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 174340

Ion Ratio Lower Upper

76 100

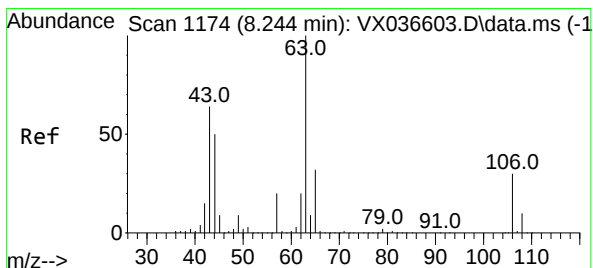
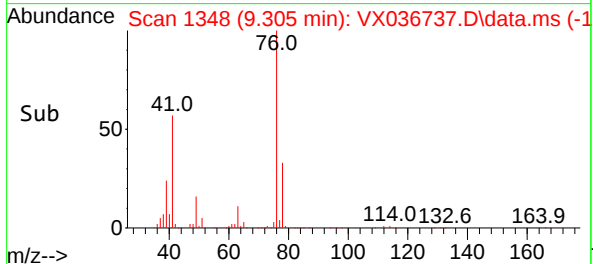
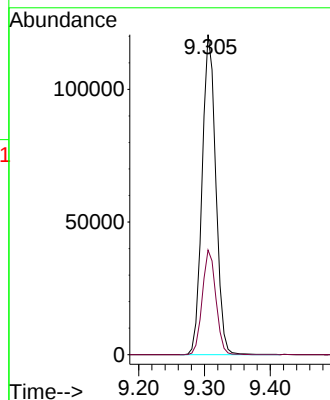
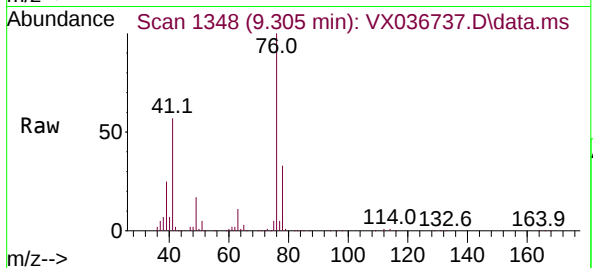
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.503 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036737.D

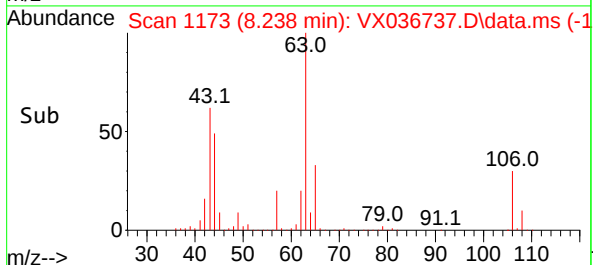
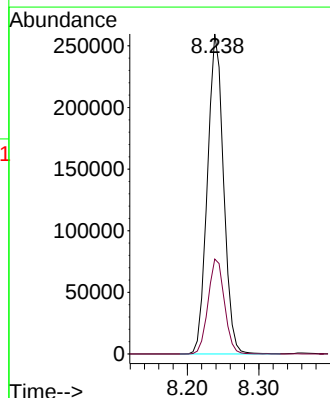
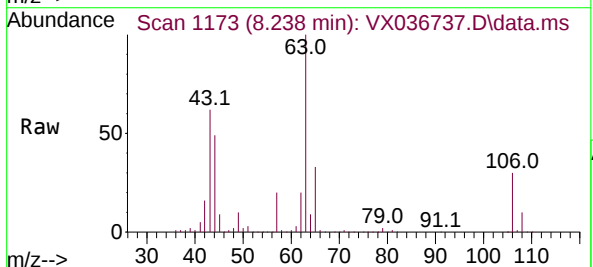
Acq: 01 Aug 2023 10:28

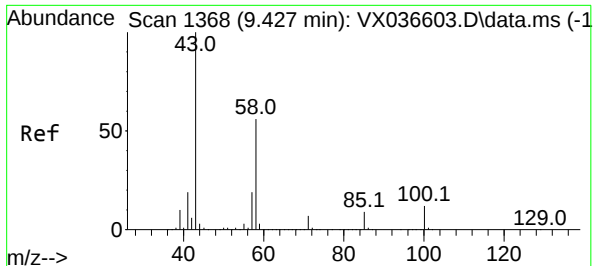
Tgt Ion: 63 Resp: 406894

Ion Ratio Lower Upper

63 100

106 30.0 22.5 33.7





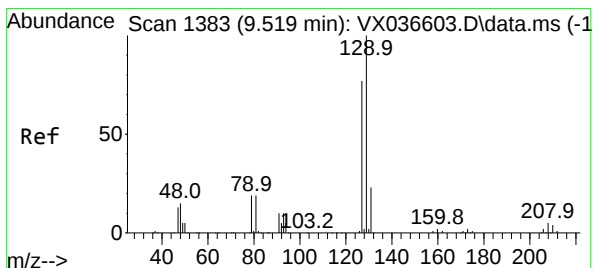
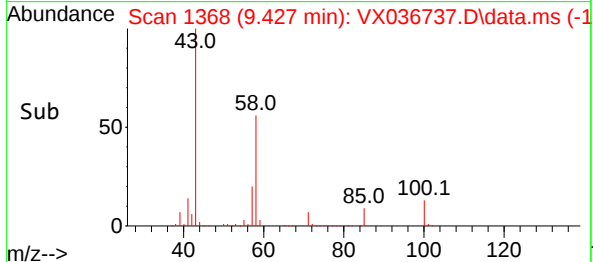
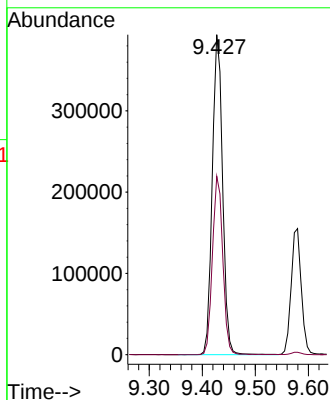
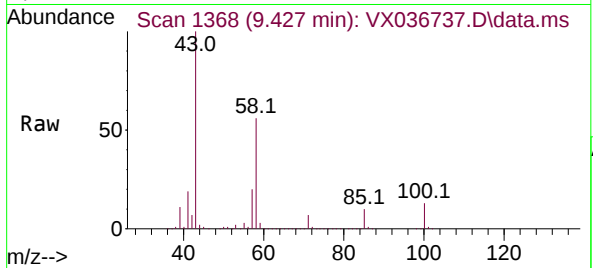
#59
2-Hexanone
Concen: 244.335 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 531359
Ion Ratio Lower Upper
43 100
58 56.2 26.2 78.5

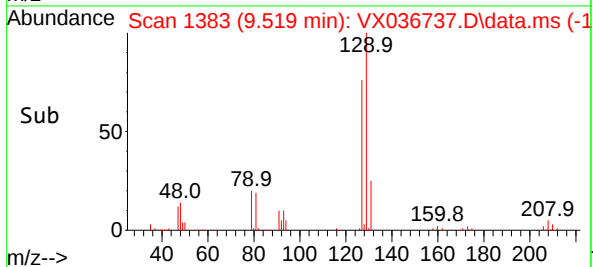
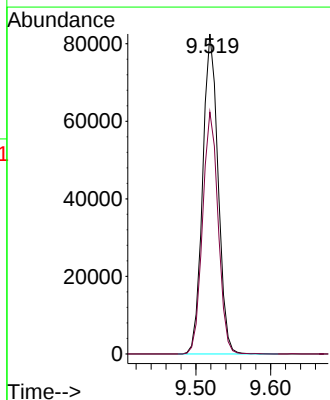
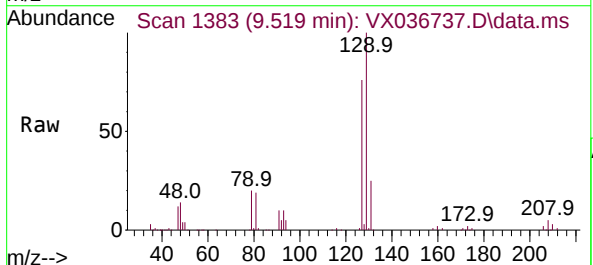
Manual Integrations
APPROVED

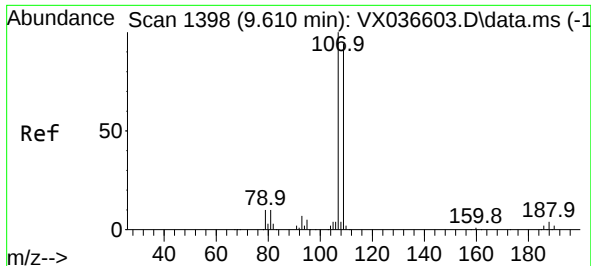
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
Dibromochloromethane
Concen: 51.563 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

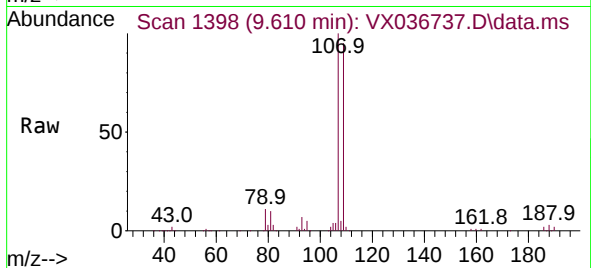
Tgt Ion:129 Resp: 118032
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.556 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

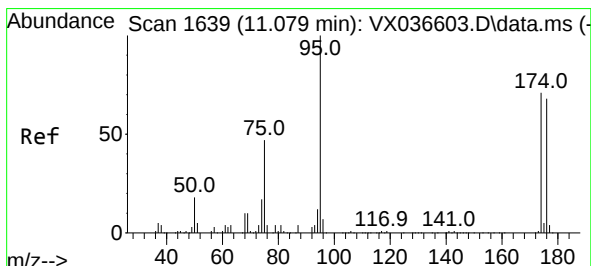
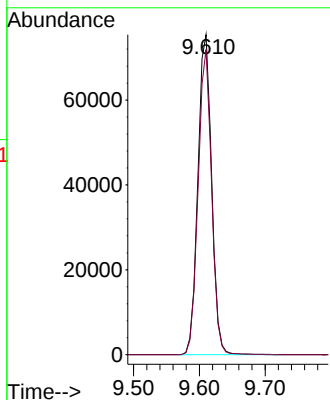
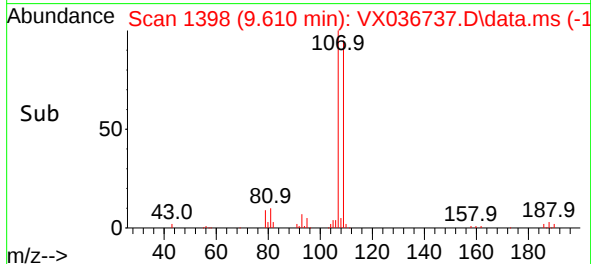
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



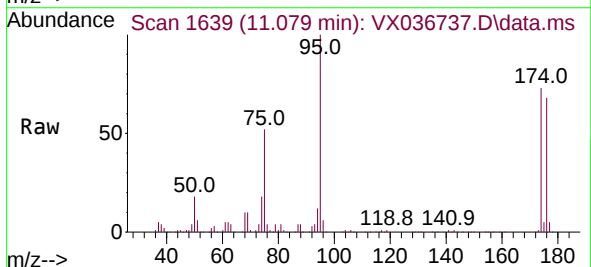
Tgt Ion:107 Resp: 109124
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

Manual Integrations
APPROVED

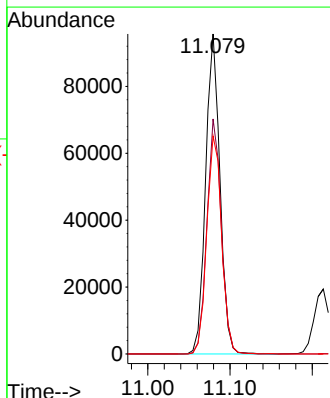
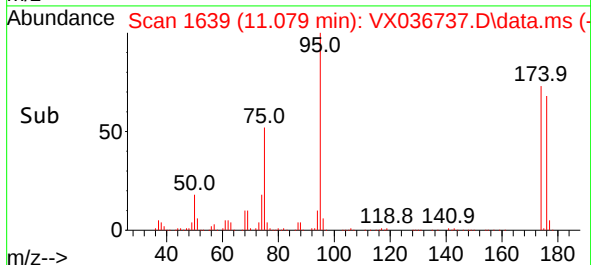
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

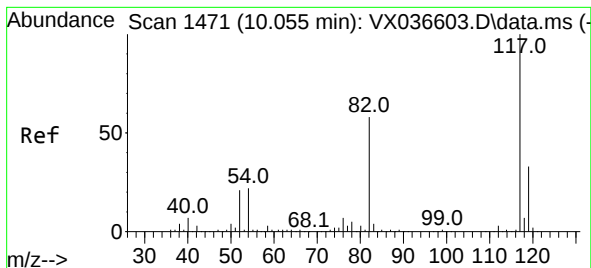


#62
4-Bromofluorobenzene
Concen: 47.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



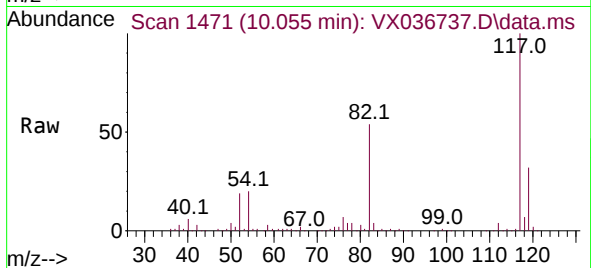
Tgt Ion: 95 Resp: 115471
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

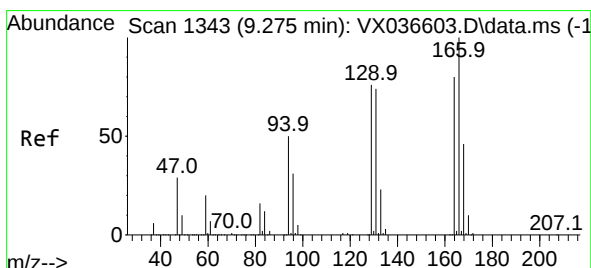
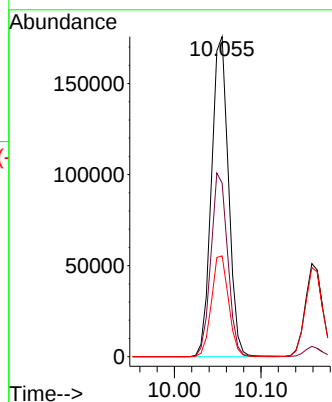
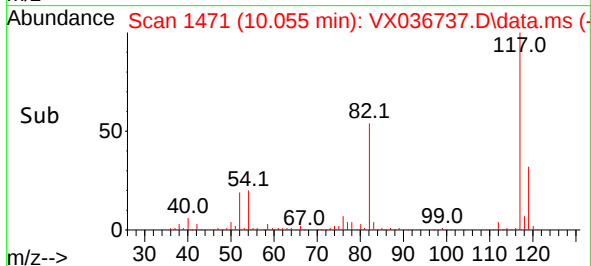
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23962
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.5 25.5 38.3

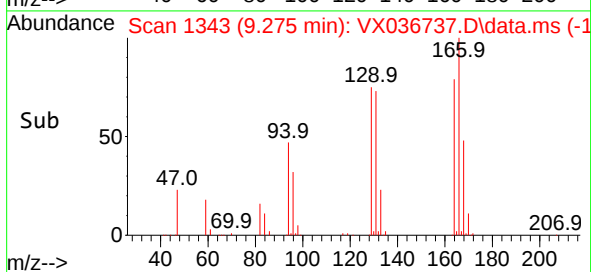
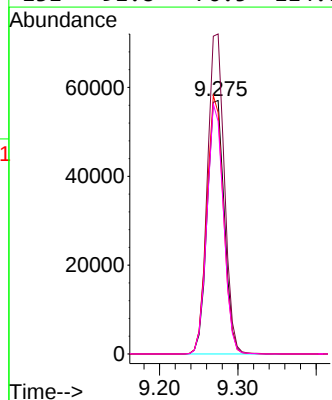
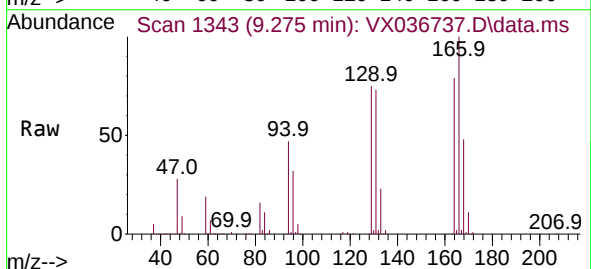
Manual Integrations
APPROVED

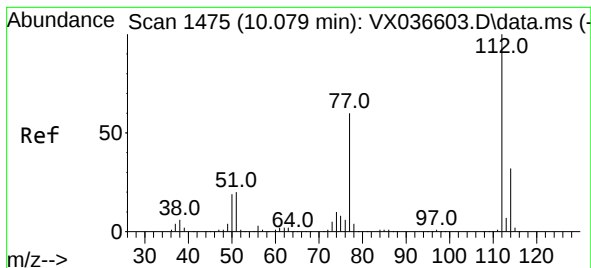
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#64
Tetrachloroethene
Concen: 48.191 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

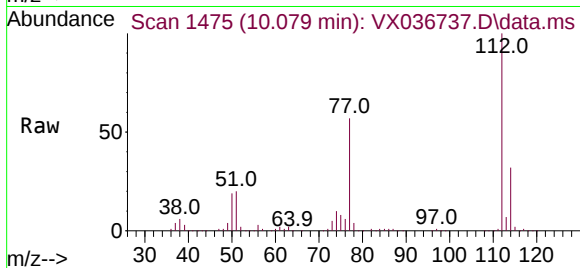
Tgt Ion:164 Resp: 86133
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 95.3 80.4 120.6
131 91.8 76.5 114.7





#65
Chlorobenzene
Concen: 49.044 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

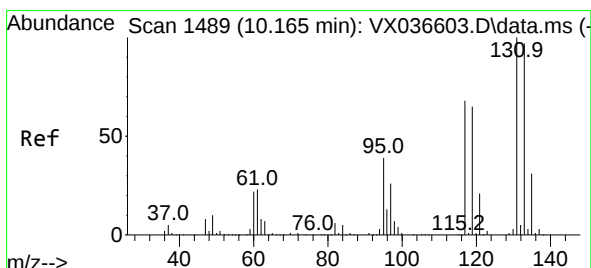
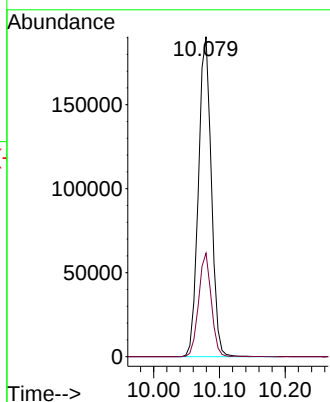
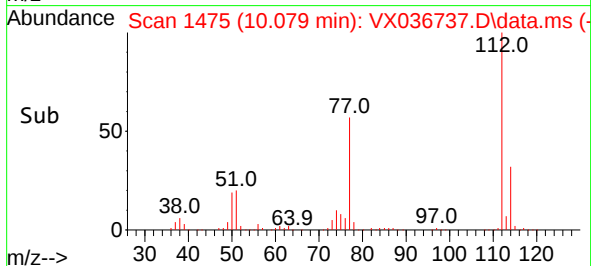
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



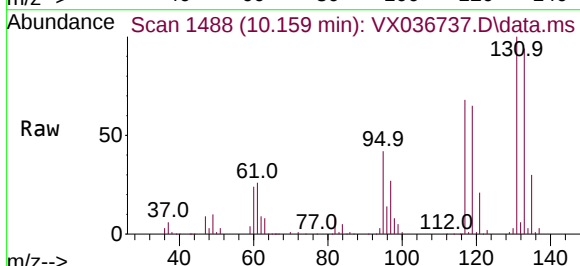
Tgt Ion:112 Resp: 259050
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

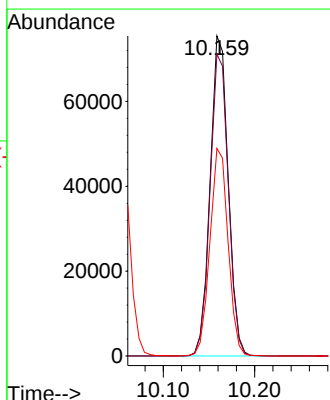
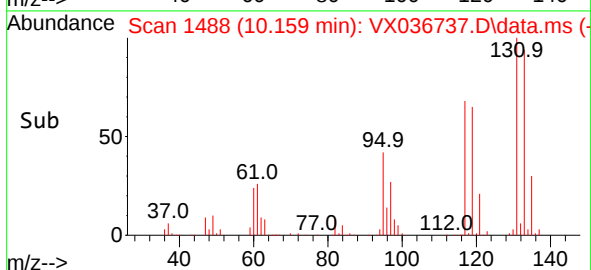
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

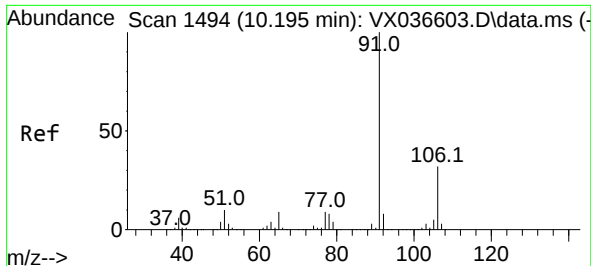


#66
1,1,1,2-Tetrachloroethane
Concen: 50.731 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



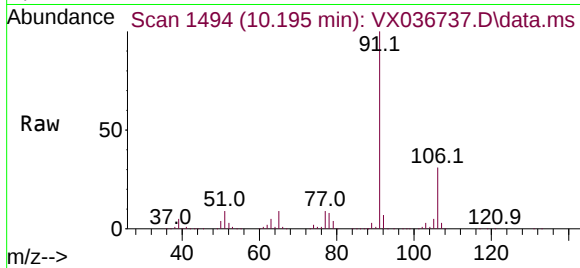
Tgt Ion:131 Resp: 103569
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 48.098 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

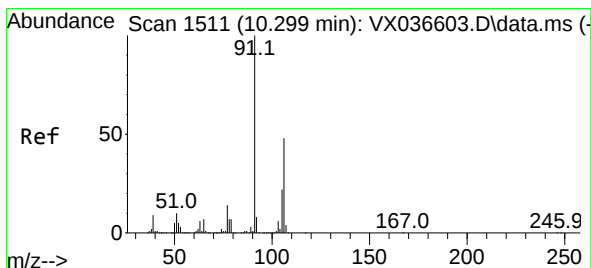
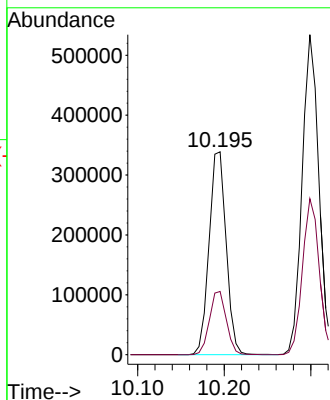
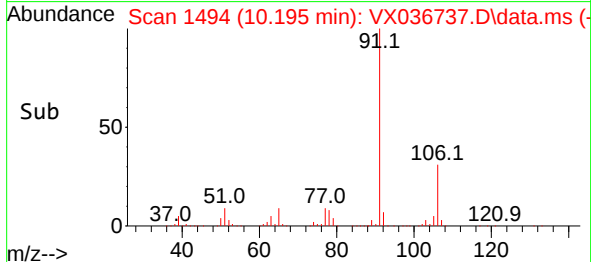
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



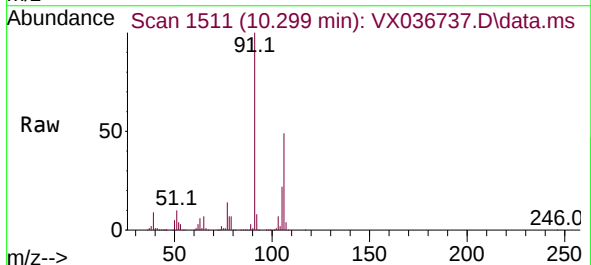
Tgt Ion: 91 Resp: 464100
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

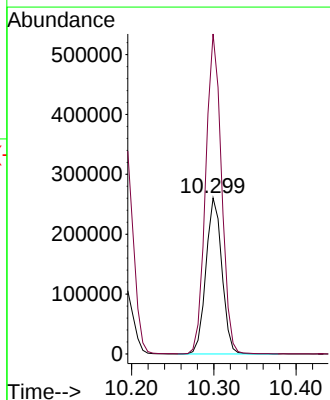
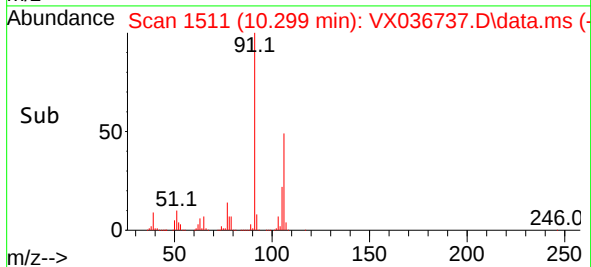
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

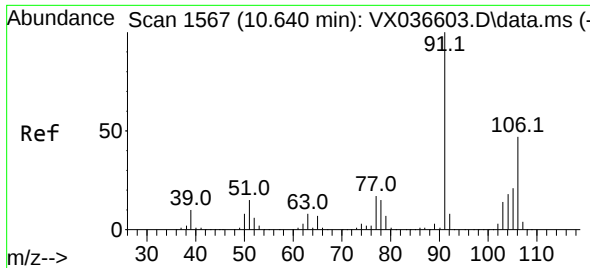


#68
m/p-Xylenes
Concen: 97.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion:106 Resp: 350447
Ion Ratio Lower Upper
106 100
91 204.1 165.5 248.3





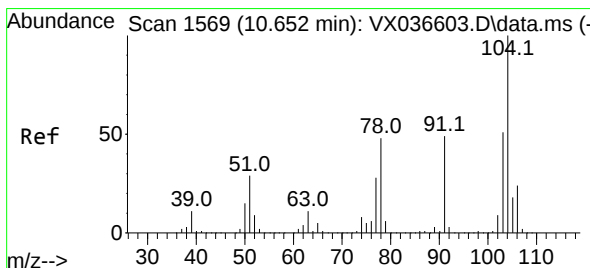
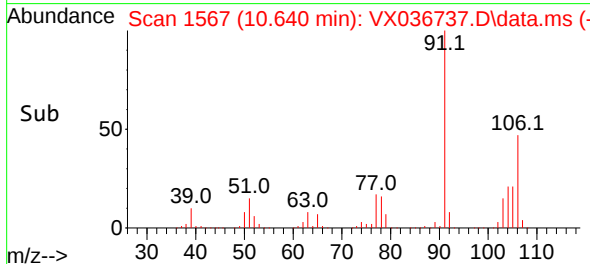
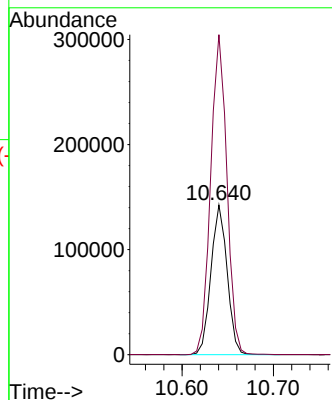
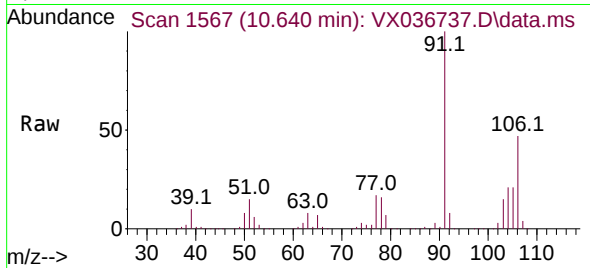
#69
o-Xylene
Concen: 48.698 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 175004
Ion Ratio Lower Upper
106 100
91 214.5 108.9 326.8

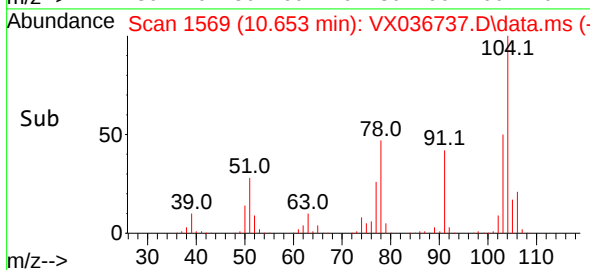
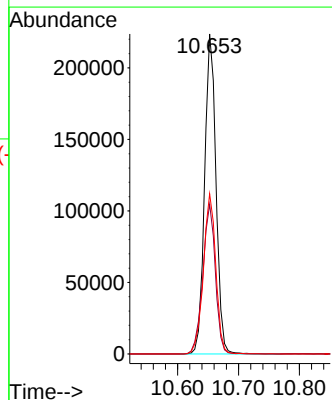
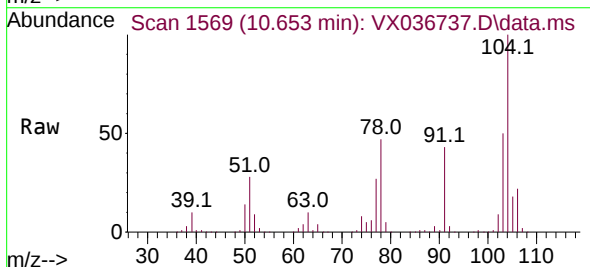
Manual Integrations
APPROVED

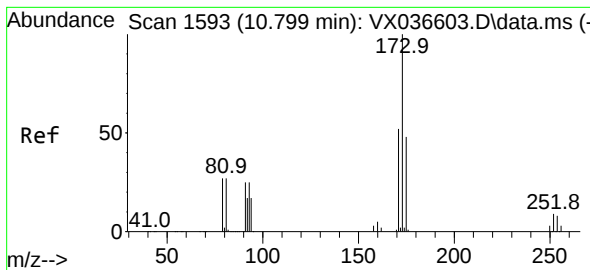
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#70
Styrene
Concen: 49.141 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

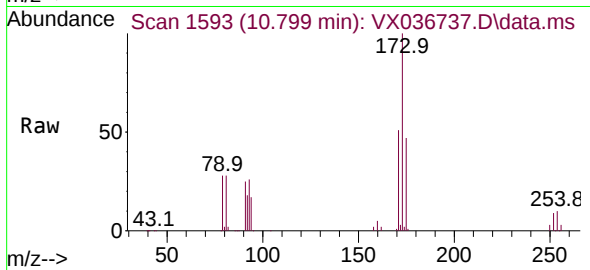
Tgt Ion:104 Resp: 291362
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 54.5 43.6 65.4





#71
Bromoform
Concen: 50.639 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

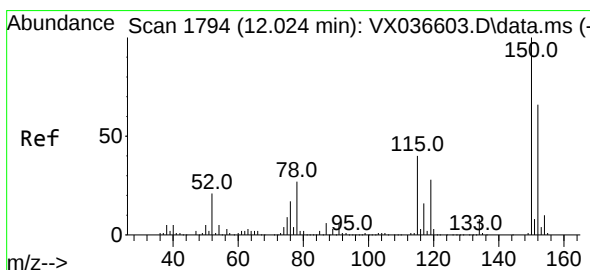
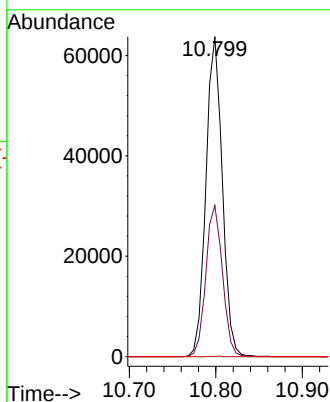
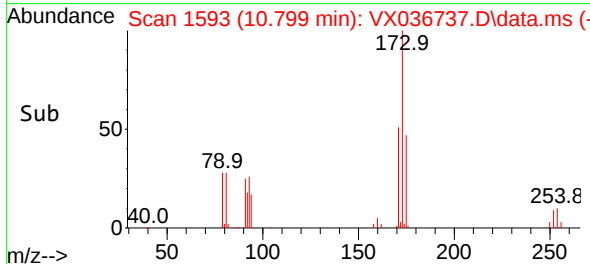
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



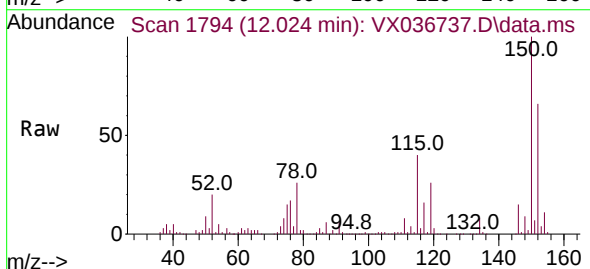
Tgt Ion:173 Resp: 8368
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

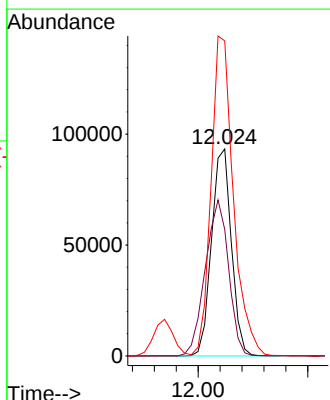
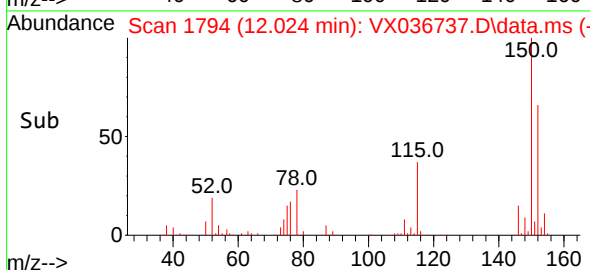
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

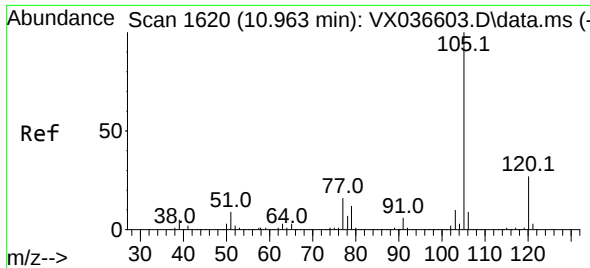


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



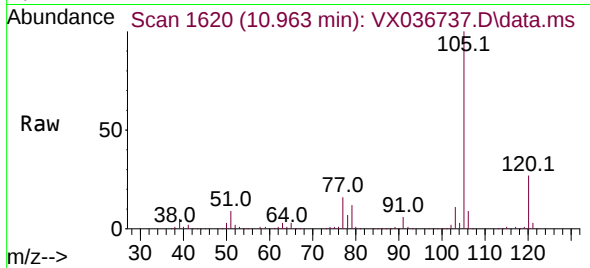
Tgt Ion:152 Resp: 117452
Ion Ratio Lower Upper
152 100
115 88.5 43.3 129.9
150 173.0 0.0 345.0





#73
Isopropylbenzene
Concen: 47.172 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

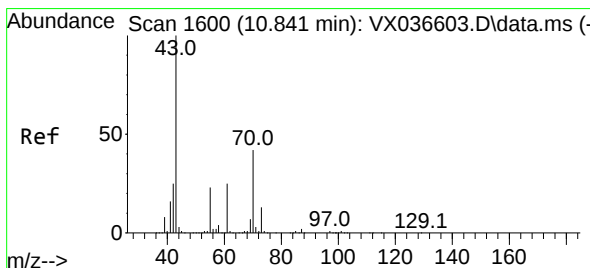
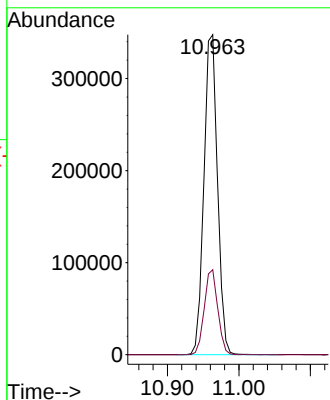
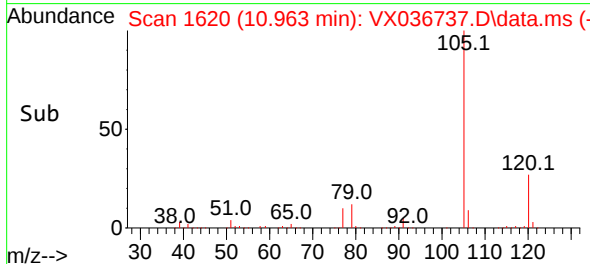
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



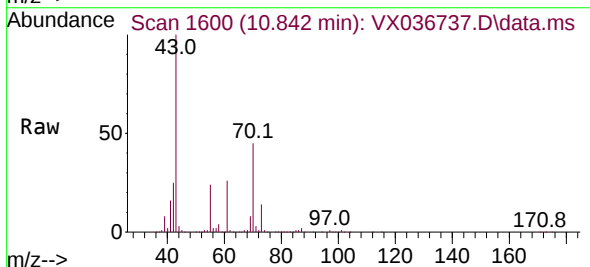
Tgt Ion:105 Resp: 458519
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

Manual Integrations
APPROVED

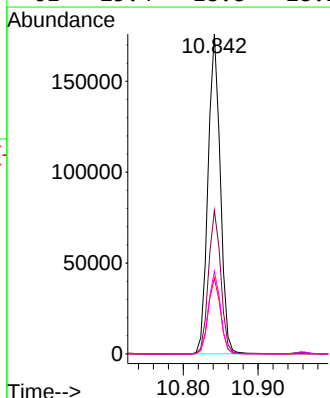
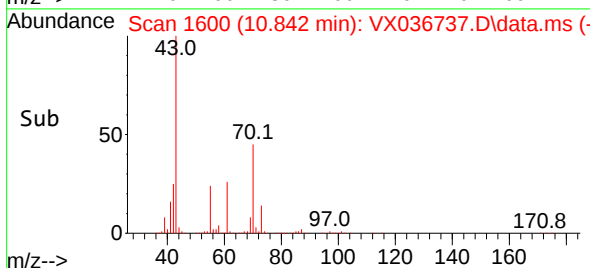
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

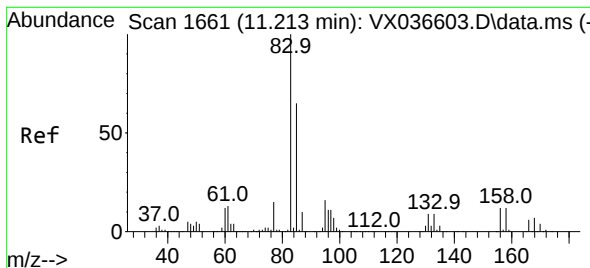


#74
N-ethyl acetate
Concen: 44.235 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



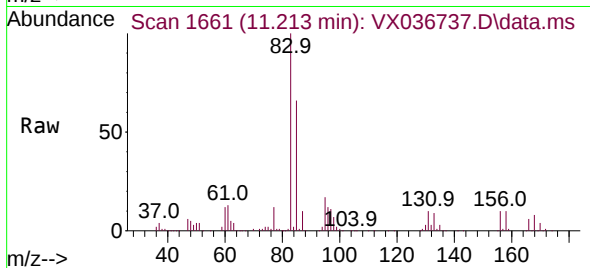
Tgt Ion: 43 Resp: 200506
Ion Ratio Lower Upper
43 100
70 45.0 32.9 49.3
55 23.9 19.3 28.9
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.934 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

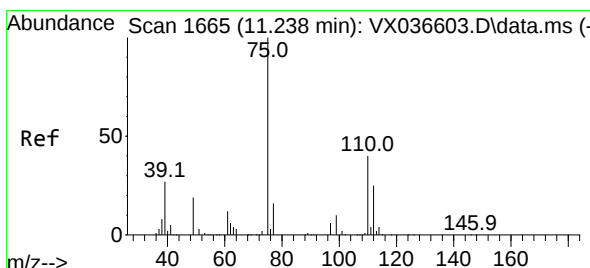
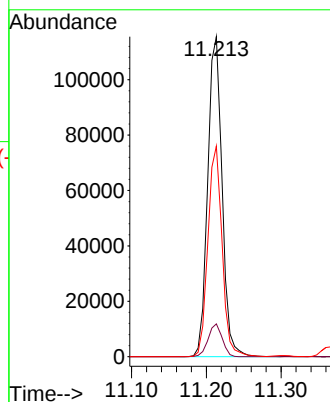
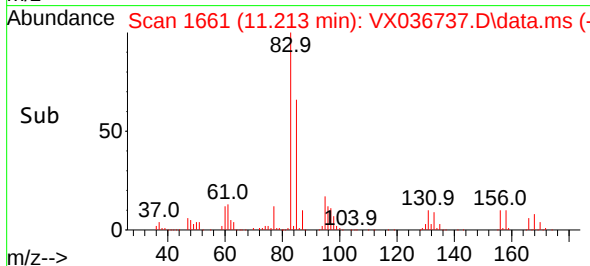
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



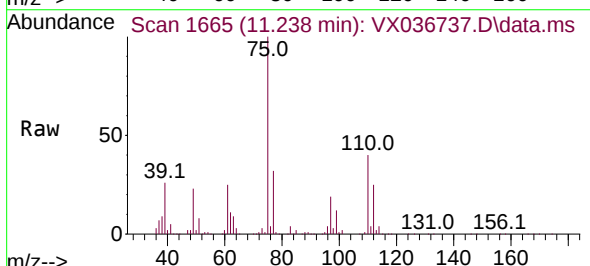
Tgt Ion: 83 Resp: 154085
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

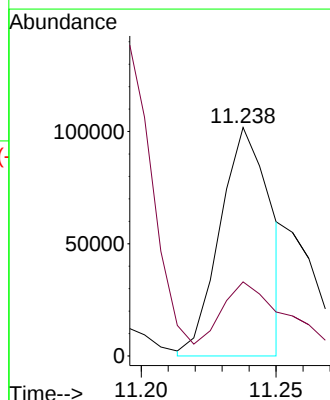
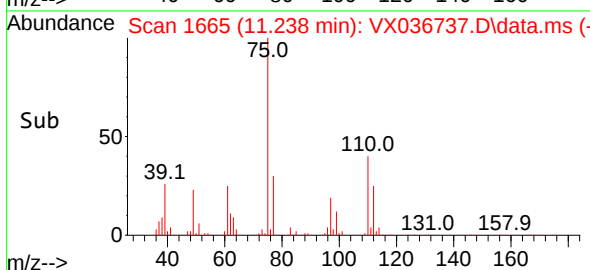
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,2,3-Trichloropropane
Concen: 48.015 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion: 75 Resp: 132645
Ion Ratio Lower Upper
75 100
77 43.5 19.1 57.5





#77

Bromobenzene

Concen: 48.276 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 10686

Ion Ratio Lower Upper

156 100

77 165.5 88.4 265.3

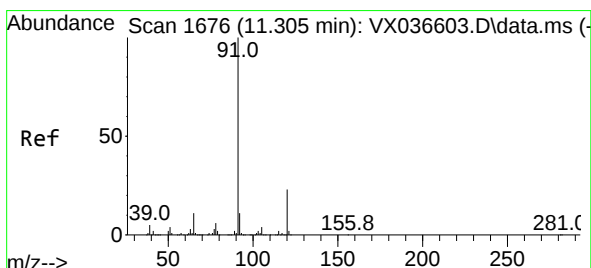
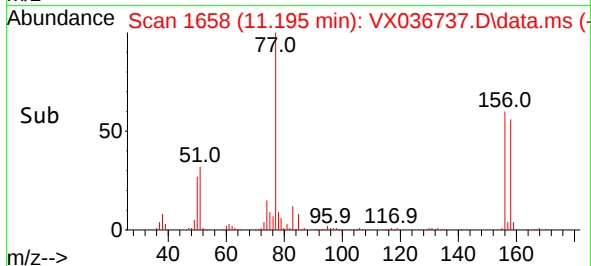
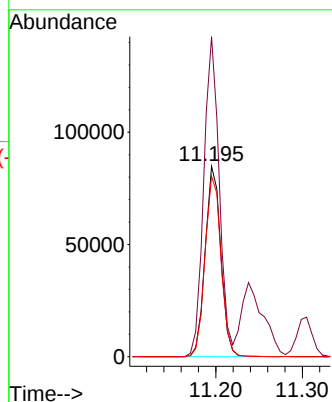
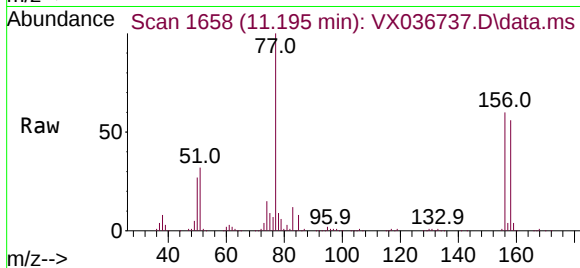
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#78

n-propylbenzene

Concen: 47.278 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036737.D

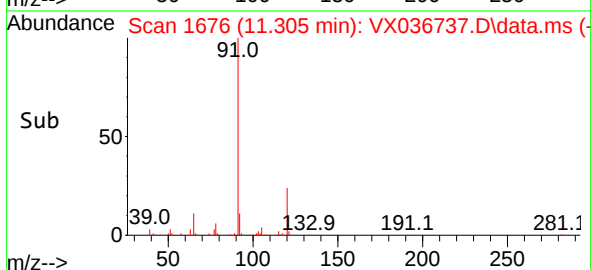
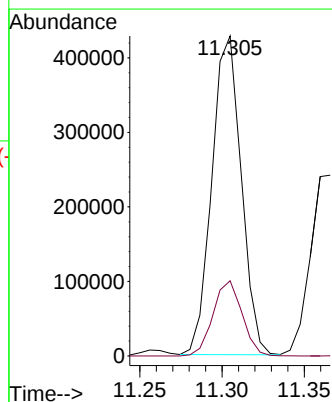
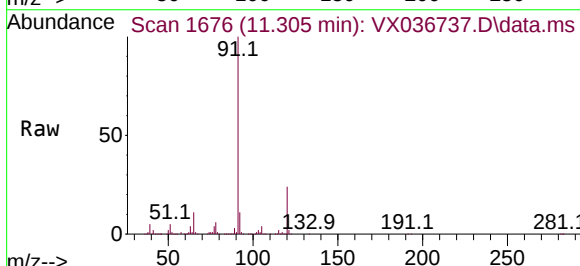
Acq: 01 Aug 2023 10:28

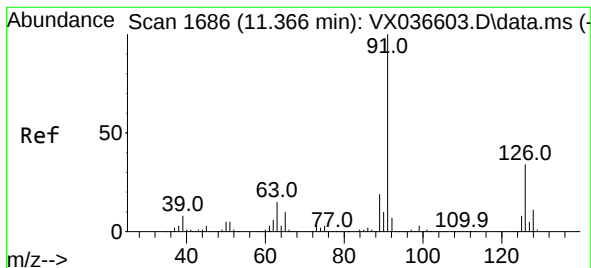
Tgt Ion: 91 Resp: 531473

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





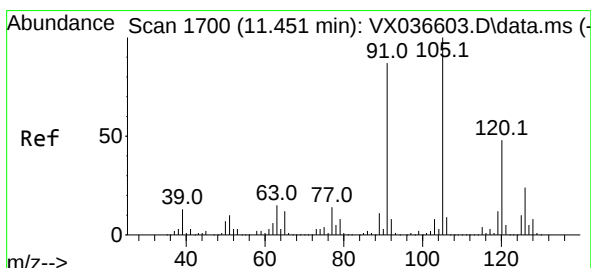
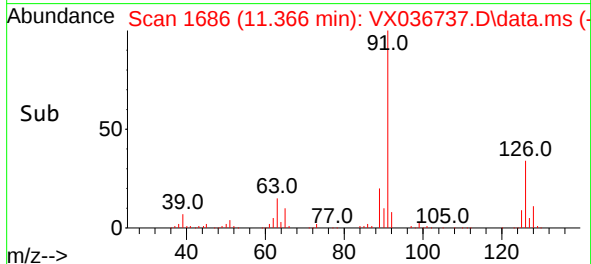
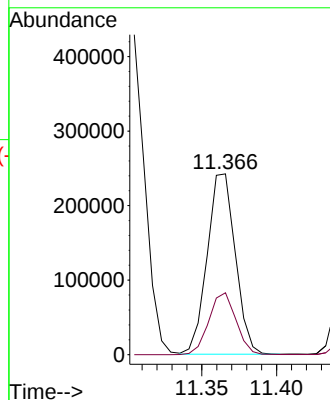
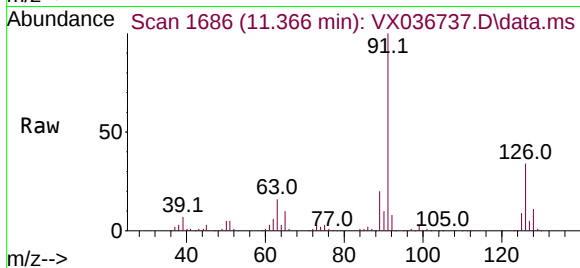
#79
2-Chlorotoluene
Concen: 46.536 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 316990
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

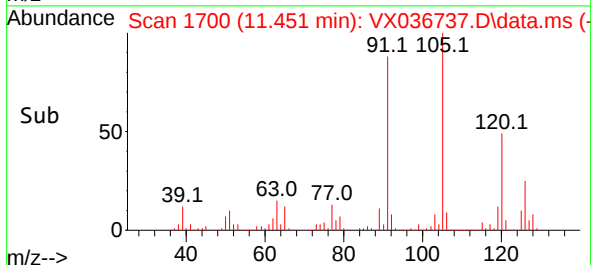
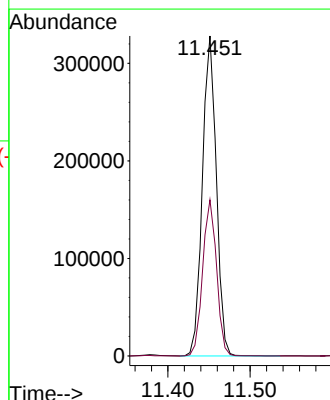
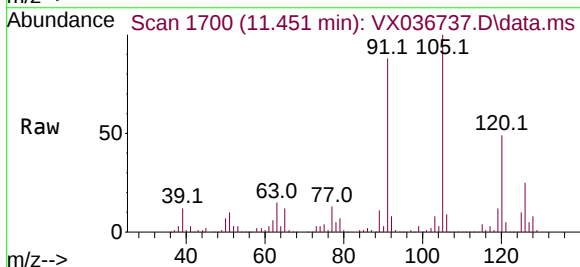
Manual Integrations
APPROVED

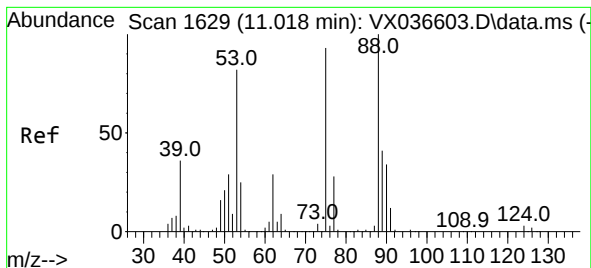
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.416 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion:105 Resp: 385570
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





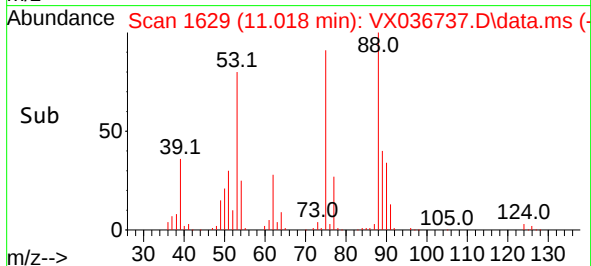
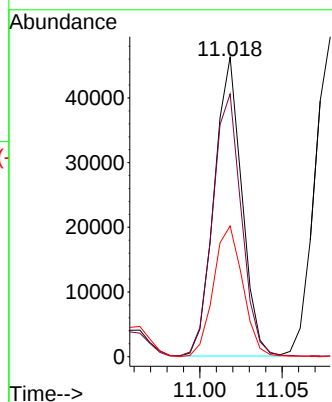
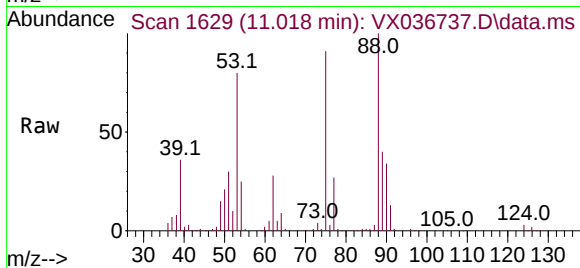
#81
trans-1,4-Dichloro-2-butene
Concen: 44.224 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 53902
Ion Ratio Lower Upper
75 100
53 91.5 90.5 135.7
89 46.7 36.9 55.3

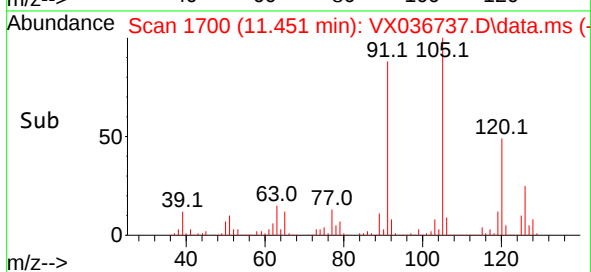
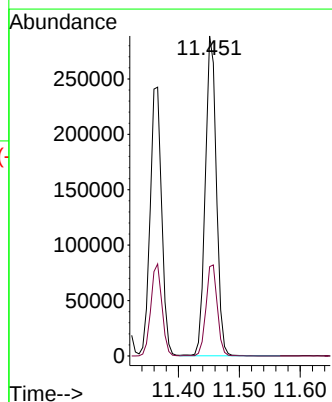
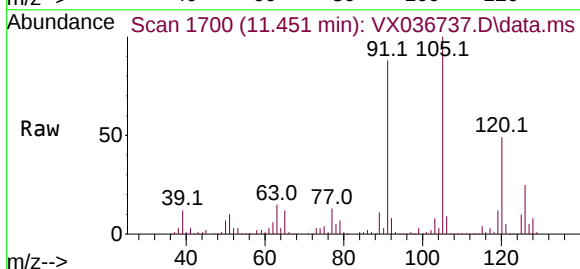
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#82
4-Chlorotoluene
Concen: 47.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

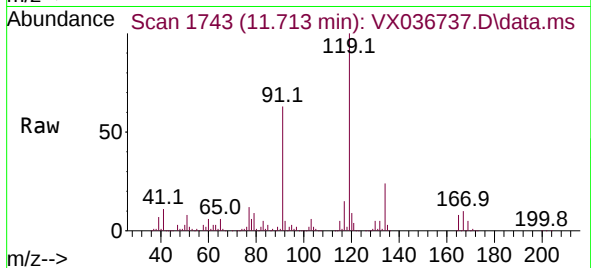
Tgt Ion: 91 Resp: 365692
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.894 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

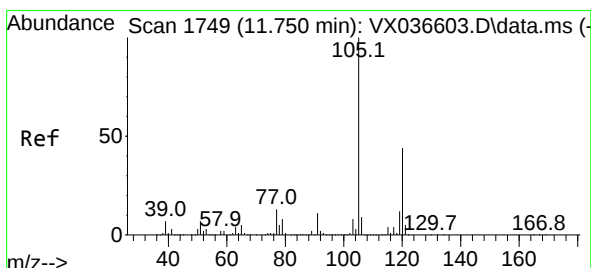
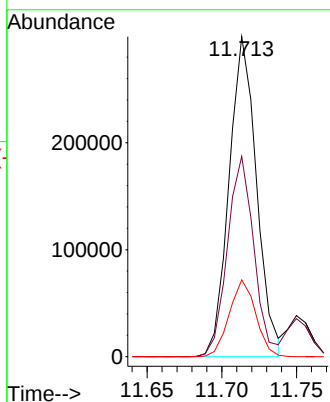
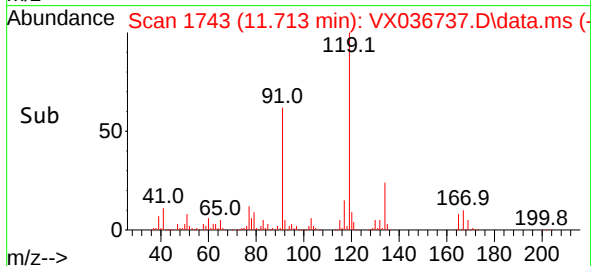
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



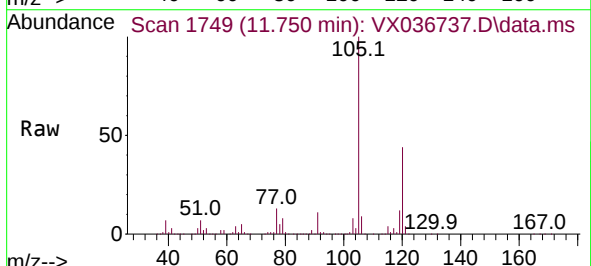
Tgt Ion:119 Resp: 382597
Ion Ratio Lower Upper
119 100
91 60.3 31.2 93.6
134 23.1 11.7 35.0

Manual Integrations
APPROVED

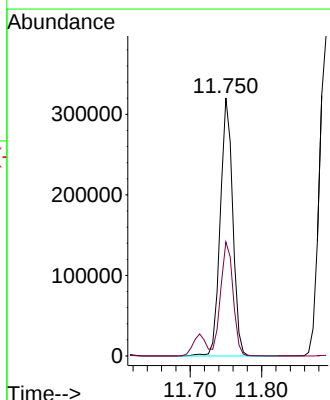
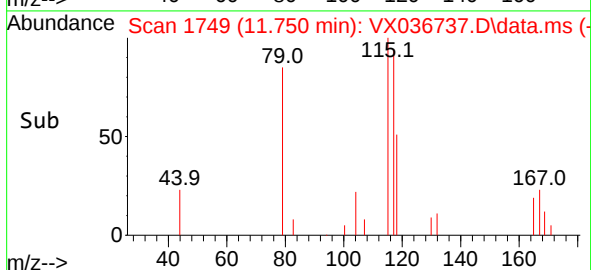
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

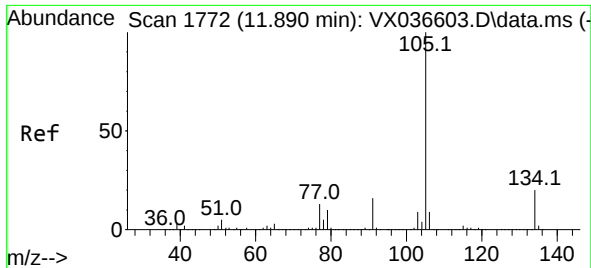


#84
1,2,4-Trimethylbenzene
Concen: 47.566 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion:105 Resp: 386823
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.414 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036737.D
 Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

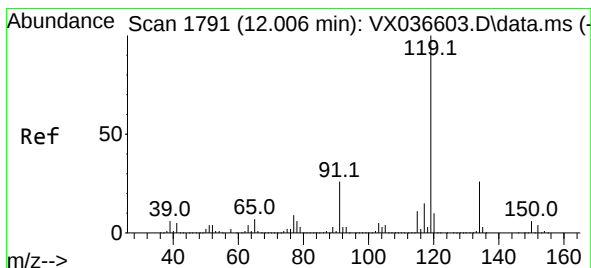
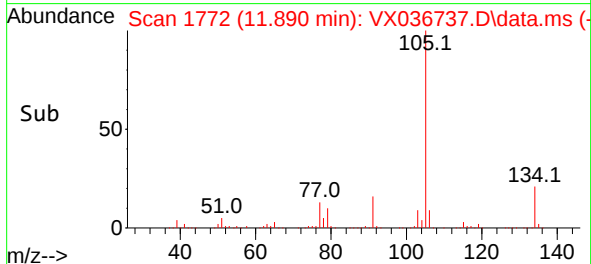
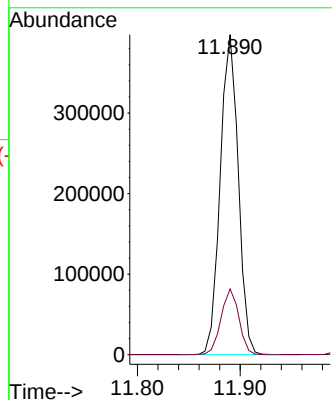
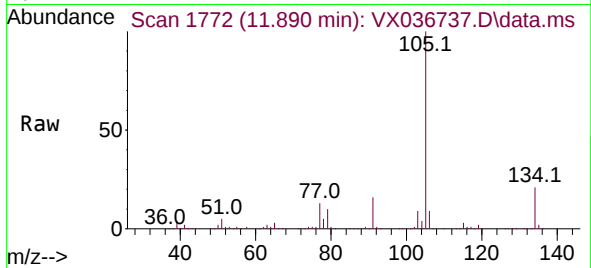
VSTDCCC050

Tgt Ion:105 Resp: 48232
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

Manual Integrations

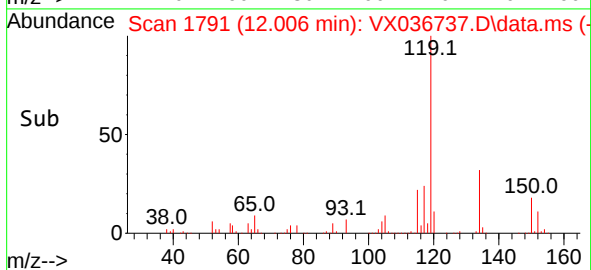
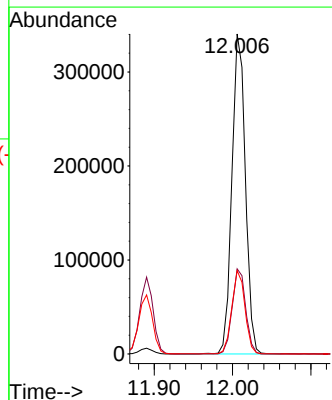
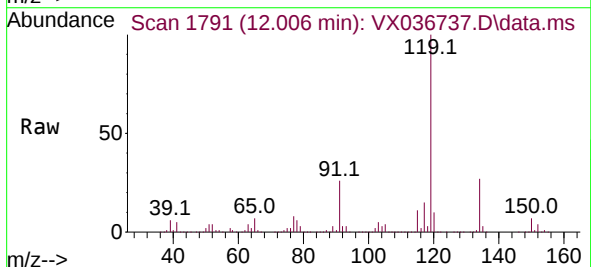
APPROVED

Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#86
 p-Isopropyltoluene
 Concen: 49.559 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036737.D
 Acq: 01 Aug 2023 10:28

Tgt Ion:119 Resp: 406256
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.090 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 20126

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

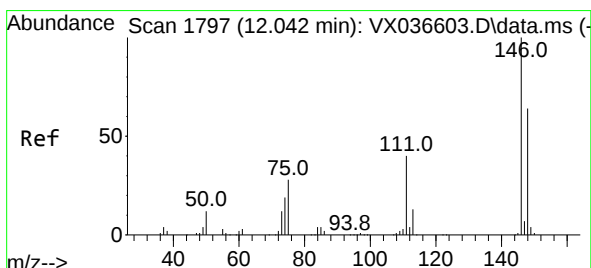
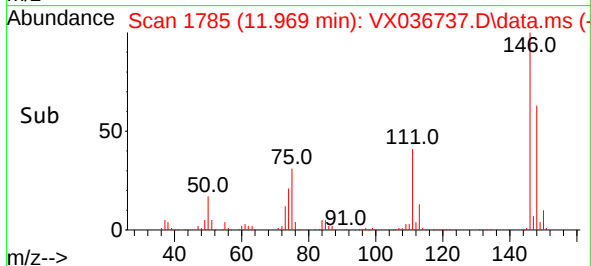
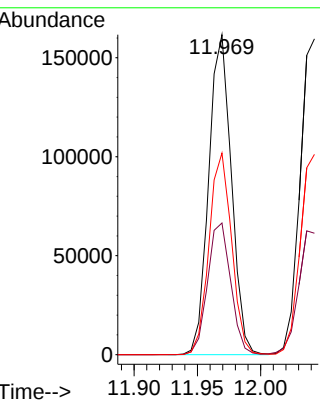
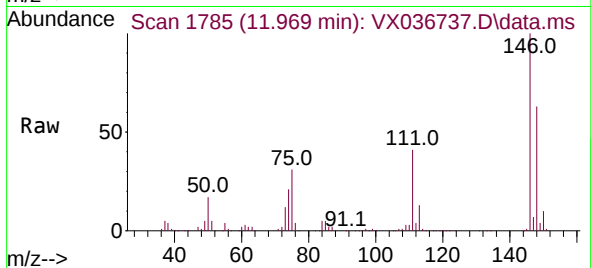
148 62.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#88

1,4-Dichlorobenzene

Concen: 49.703 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

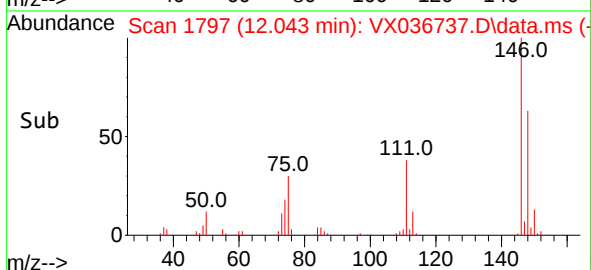
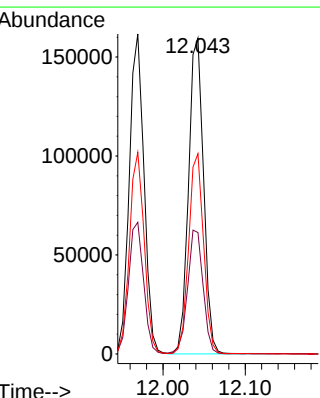
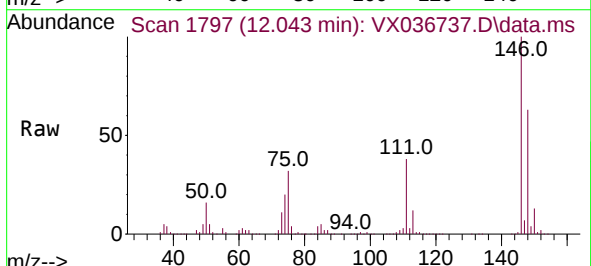
Tgt Ion:146 Resp: 202229

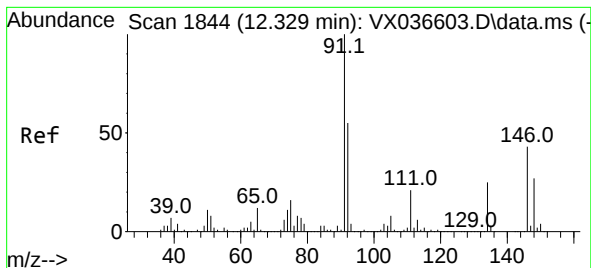
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

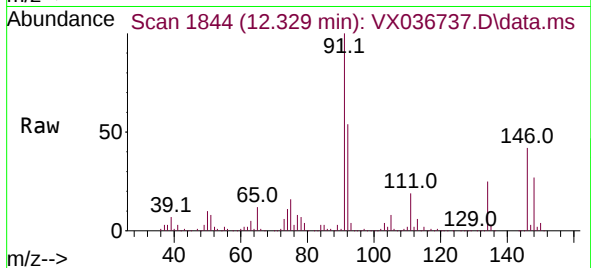
148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.366 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

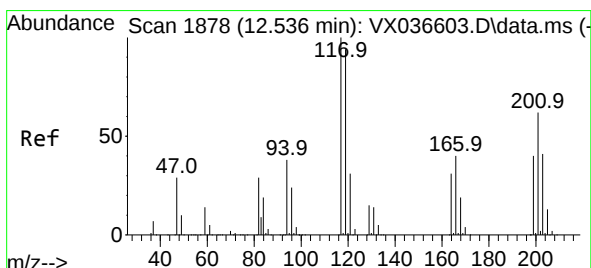
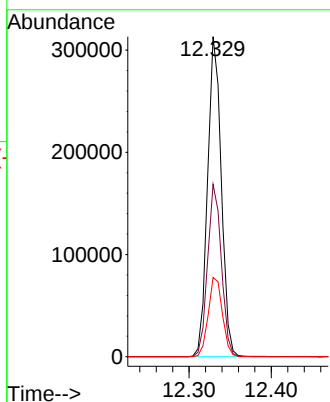
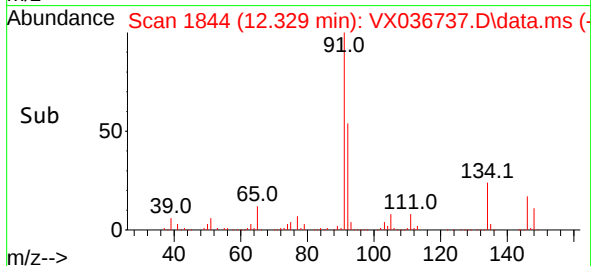
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 36226
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 25.6 12.6 37.8

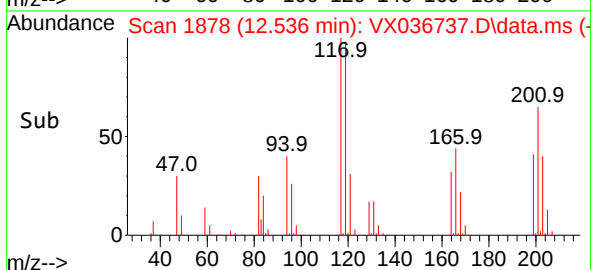
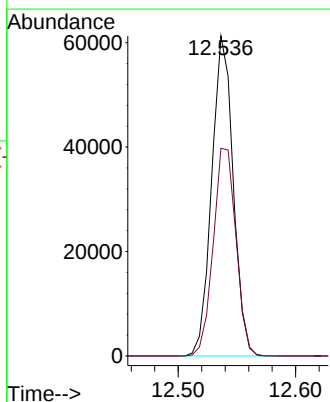
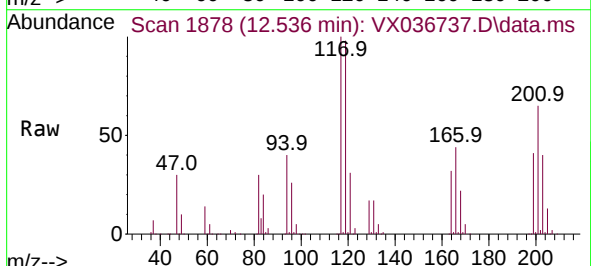
Manual Integrations
APPROVED

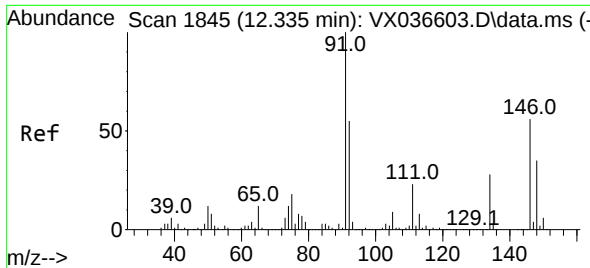
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#90
Hexachloroethane
Concen: 46.756 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion:117 Resp: 77702
Ion Ratio Lower Upper
117 100
201 69.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.478 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

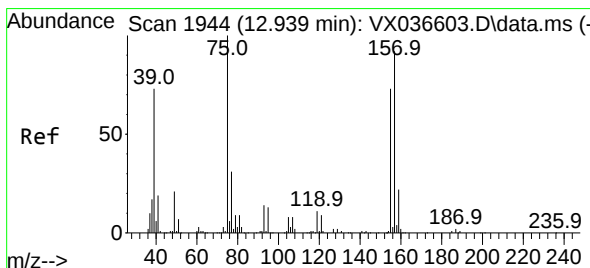
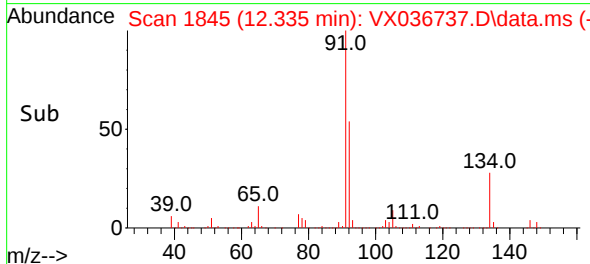
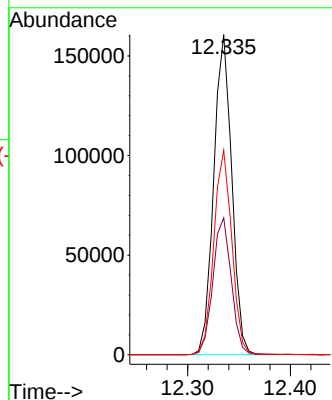
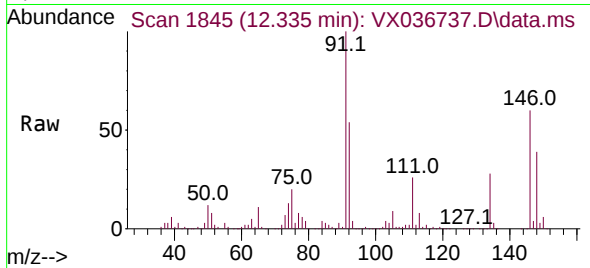
Tgt Ion:146 Resp: 19575
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

APPROVED

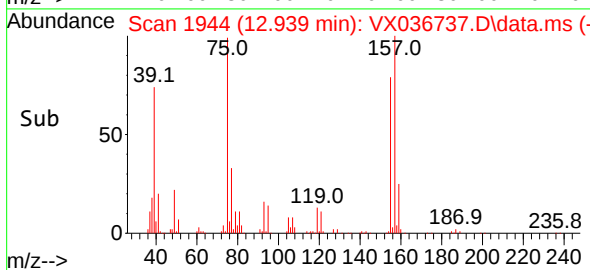
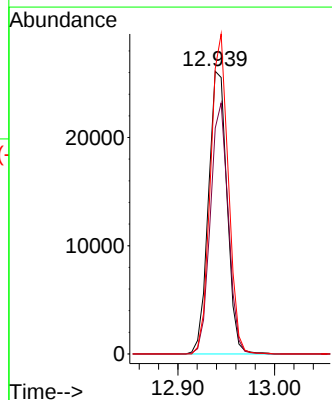
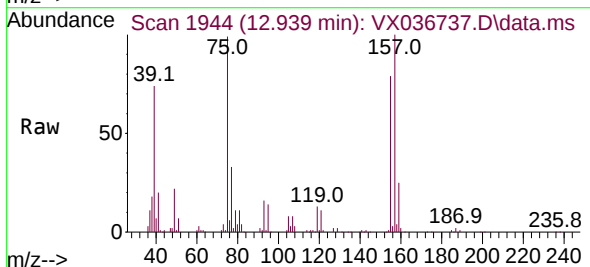
Reviewed By :John Carlone 08/02/2023

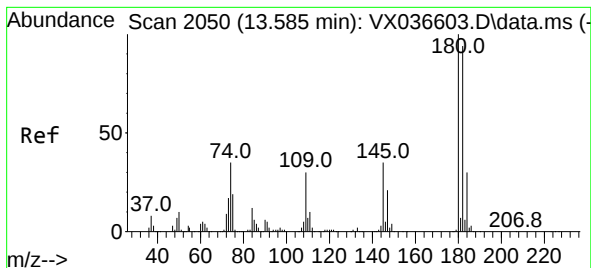
Supervised By :Mahesh Dadoda 08/02/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.726 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

Tgt Ion: 75 Resp: 34884
Ion Ratio Lower Upper
75 100
155 85.1 36.1 108.5
157 107.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.879 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

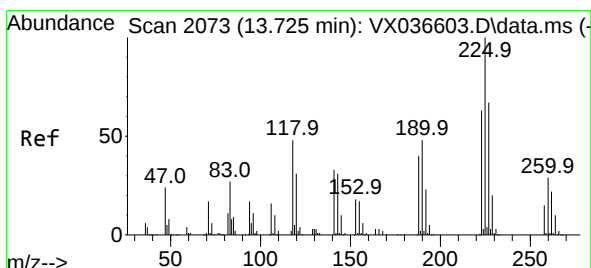
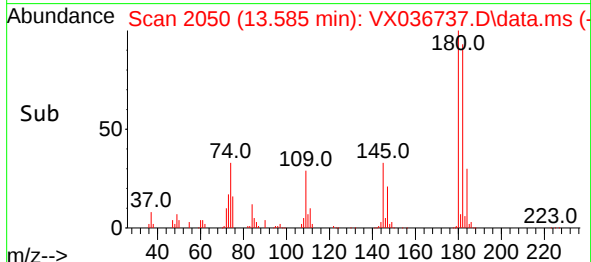
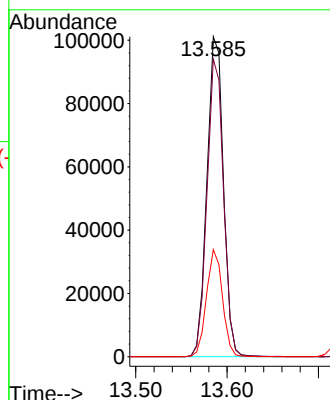
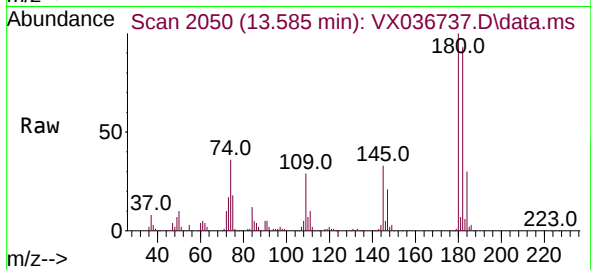
Tgt Ion:180	Resp: 12645
Ion Ratio	Lower Upper
180 100	
182 93.0	48.3 144.8
145 32.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#94

Hexachlorobutadiene

Concen: 50.002 ug/l

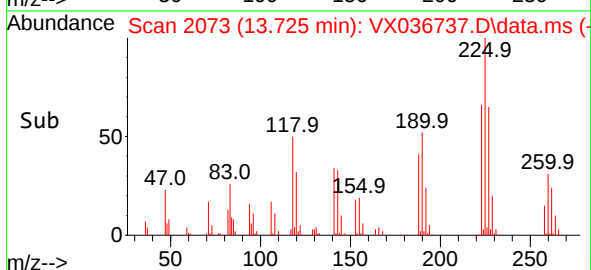
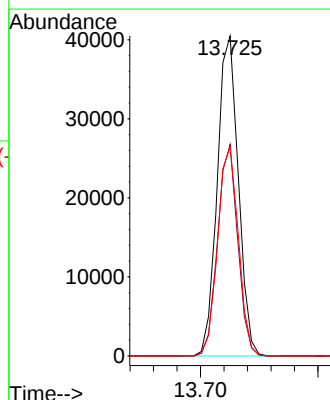
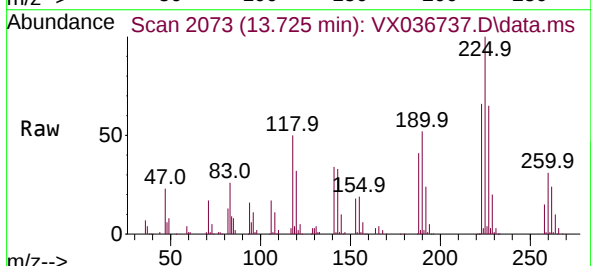
RT: 13.725 min Scan# 2073

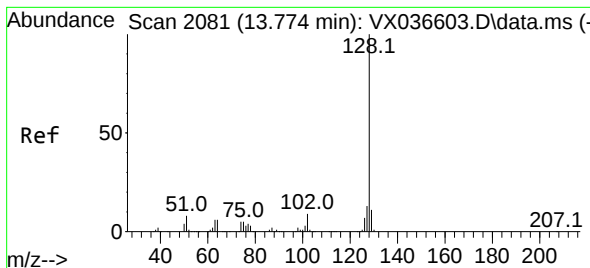
Delta R.T. 0.000 min

Lab File: VX036737.D

Acq: 01 Aug 2023 10:28

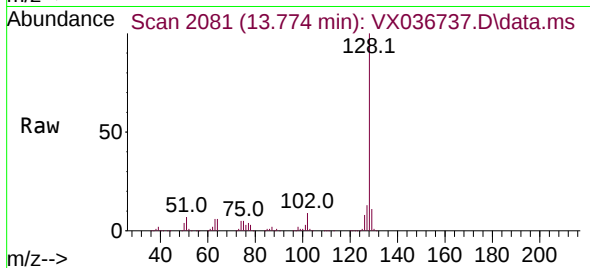
Tgt Ion:225	Resp: 50423
Ion Ratio	Lower Upper
225 100	
223 62.9	31.1 93.2
227 64.1	32.5 97.5





#95
Naphthalene
Concen: 50.142 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28

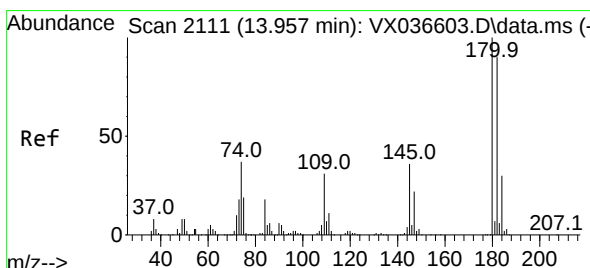
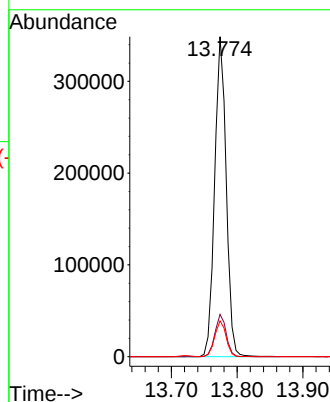
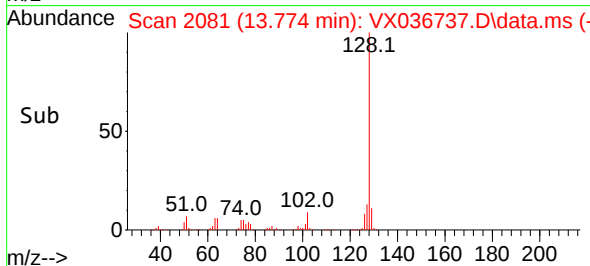
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



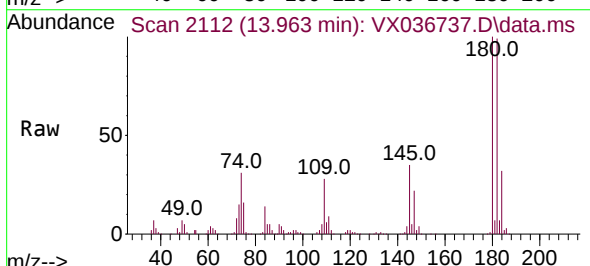
Tgt Ion:128 Resp: 425912
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.106 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036737.D
Acq: 01 Aug 2023 10:28



Tgt Ion:180 Resp: 122780
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 35.5 17.8 53.5

