

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036712.D
 Acq On : 31 Jul 2023 11:59
 Operator : JC/MD
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:34:15 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	149283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106181	48.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	88784	50.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.540%		
50) Toluene-d8	8.647	98	300094	47.912	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	116997	49.510	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32632	16.547	ug/l	99
3) Chloromethane	1.300	50	30584	17.051	ug/l	94
4) Vinyl Chloride	1.374	62	35496	19.437	ug/l	98
5) Bromomethane	1.599	94	27970	25.654	ug/l	99
6) Chloroethane	1.685	64	19829	22.333	ug/l	100
7) Trichlorofluoromethane	1.886	101	55277	19.601	ug/l	99
8) Diethyl Ether	2.136	74	20714	18.985	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	32029	18.904	ug/l	98
10) Methyl Iodide	2.453	142	30661	17.423	ug/l	93
11) Tert butyl alcohol	2.959	59	55685	106.485	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	30331	18.145	ug/l	87
13) Acrolein	2.233	56	31171	104.447	ug/l	98
14) Allyl chloride	2.660	41	56584	17.190	ug/l	95
15) Acrylonitrile	3.062	53	102777	97.730	ug/l	99
16) Acetone	2.380	43	89695	97.857	ug/l	92
17) Carbon Disulfide	2.508	76	75278	16.317	ug/l	99
18) Methyl Acetate	2.703	43	74077	19.211	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	122158	19.447	ug/l	97
20) Methylene Chloride	2.788	84	36594	17.952	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33630	18.001	ug/l	92
22) Diisopropyl ether	3.757	45	117218	18.755	ug/l	95
23) Vinyl Acetate	3.721	43	457927	95.519	ug/l	96
24) 1,1-Dichloroethane	3.605	63	64912	18.525	ug/l	98
25) 2-Butanone	4.556	43	144845	97.400	ug/l	95
26) 2,2-Dichloropropane	4.471	77	59676	18.074	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	41277	18.602	ug/l	94
28) Bromochloromethane	4.897	49	36034	21.263	ug/l	92
29) Tetrahydrofuran	5.001	42	91995	95.951	ug/l	92
30) Chloroform	5.092	83	69104	19.276	ug/l	100
31) Cyclohexane	5.464	56	53516	17.498	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	61088	18.597	ug/l	99
36) 1,1-Dichloropropene	5.696	75	47965	18.220	ug/l	98
37) Ethyl Acetate	4.714	43	57701	19.365	ug/l	97
38) Carbon Tetrachloride	5.678	117	53180	19.001	ug/l	98
39) Methylcyclohexane	7.379	83	58535	17.882	ug/l	95
40) Benzene	6.037	78	142127	18.556	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30528	19.156	ug/l	93
42) 1,2-Dichloroethane	6.086	62	55430	19.794	ug/l	95
43) Isopropyl Acetate	6.336	43	95968	18.710	ug/l	96
44) Trichloroethene	7.123	130	37779	18.870	ug/l	93
45) 1,2-Dichloropropane	7.433	63	38451	18.803	ug/l	99
46) Dibromomethane	7.580	93	27673	19.335	ug/l	94
47) Bromodichloromethane	7.818	83	56645	19.282	ug/l	95
48) Methyl methacrylate	7.690	41	44789	18.777	ug/l	92
49) 1,4-Dioxane	7.659	88	20399	423.325	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	285314	100.519	ug/l	96
52) Toluene	8.720	92	91305	19.025	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	63309	19.067	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	65515	18.699	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	39674	19.666	ug/l	98
56) Ethyl methacrylate	9.116	69	64154	19.529	ug/l	94
57) 1,3-Dichloropropane	9.305	76	66682	19.845	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	160152	98.942	ug/l	98
59) 2-Hexanone	9.427	43	215529	102.313	ug/l	95
60) Dibromochloromethane	9.518	129	43001	19.393	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41516	19.856	ug/l	100
64) Tetrachloroethene	9.275	164	32091	18.661	ug/l	98
65) Chlorobenzene	10.079	112	97741	19.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38685	19.694	ug/l	99
67) Ethyl Benzene	10.195	91	176261	18.985	ug/l	99
68) m/p-Xylenes	10.299	106	134139	38.723	ug/l	98
69) o-Xylene	10.640	106	65848	19.044	ug/l	100
70) Styrene	10.652	104	110346	19.343	ug/l	97
71) Bromoform	10.799	173	31856	20.034	ug/l #	99
73) Isopropylbenzene	10.963	105	173682	18.481	ug/l	98
74) N-amyl acetate	10.841	43	82686	18.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	62317	19.633	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	51496m	19.280	ug/l	
77) Bromobenzene	11.195	156	40726	19.029	ug/l	95
78) n-propylbenzene	11.305	91	202688	18.649	ug/l	100
79) 2-Chlorotoluene	11.366	91	122340	18.576	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	147556	18.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20079	17.039	ug/l	85
82) 4-Chlorotoluene	11.451	91	139270	18.559	ug/l	99
83) tert-Butylbenzene	11.713	119	146580	18.978	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	147571	18.768	ug/l	98
85) sec-Butylbenzene	11.890	105	185091	19.216	ug/l	100
86) p-Isopropyltoluene	12.006	119	152429	19.232	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	77517	19.555	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	78972	20.075	ug/l	99
89) n-Butylbenzene	12.329	91	134202	18.915	ug/l	99
90) Hexachloroethane	12.536	117	28967	18.028	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	77819	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14258	19.330	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	47737	20.256	ug/l	97
94) Hexachlorobutadiene	13.725	225	18590	19.067	ug/l	99
95) Naphthalene	13.774	128	165553	20.158	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47025	20.245	ug/l	99

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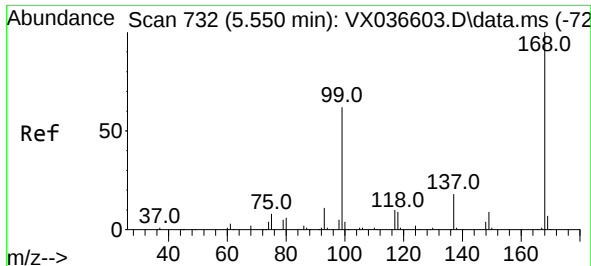
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

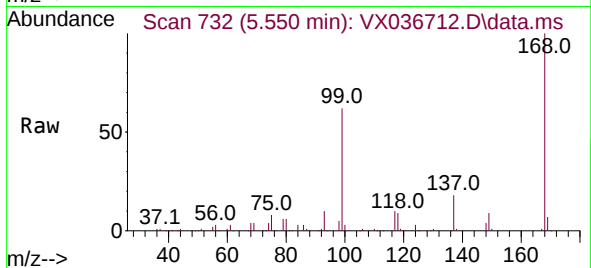
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036712.D
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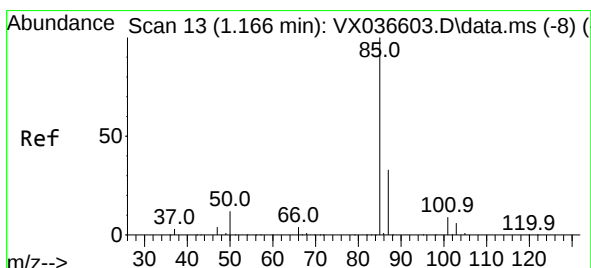
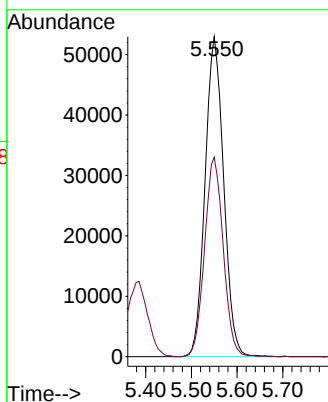
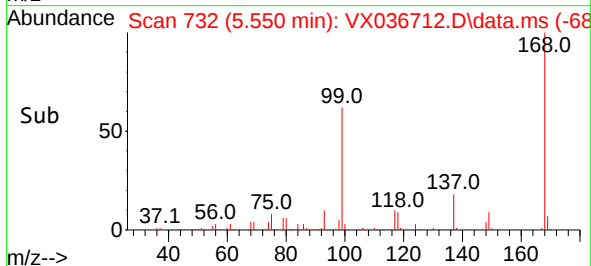
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 14928
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0

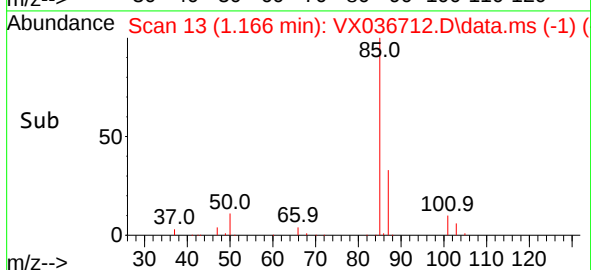
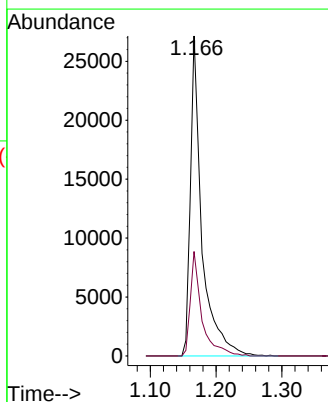
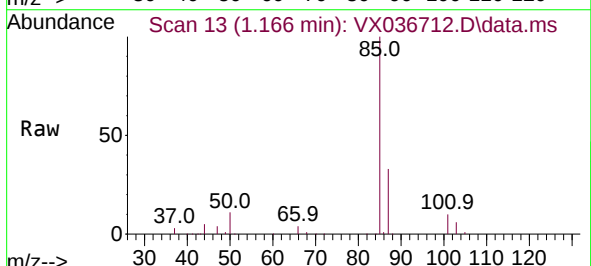
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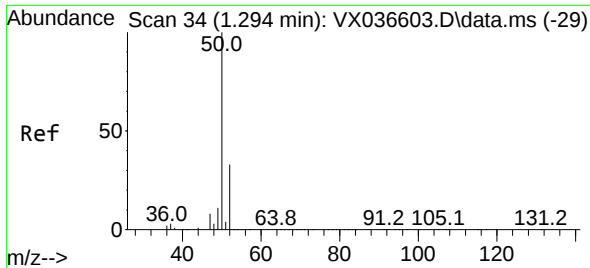
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#2
Dichlorodifluoromethane
Concen: 16.547 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

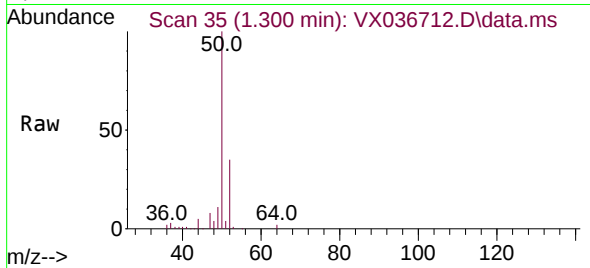
Tgt Ion: 85 Resp: 32632
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 17.051 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

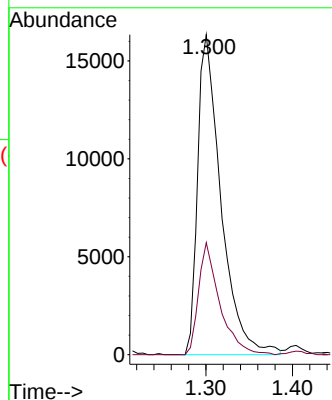
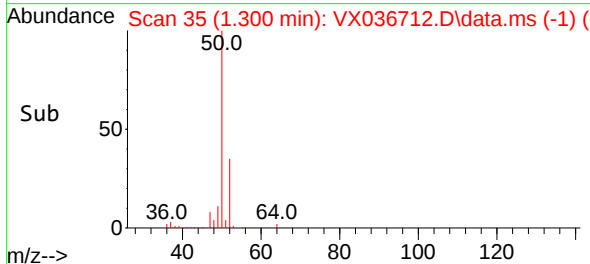
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 30584
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3

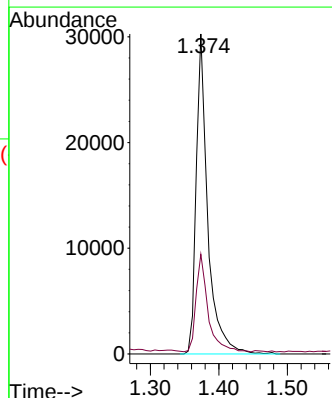
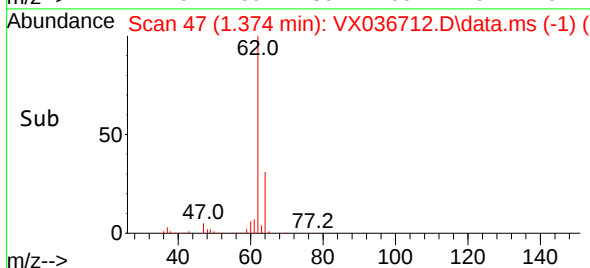
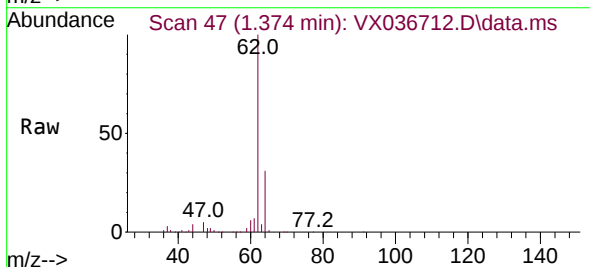
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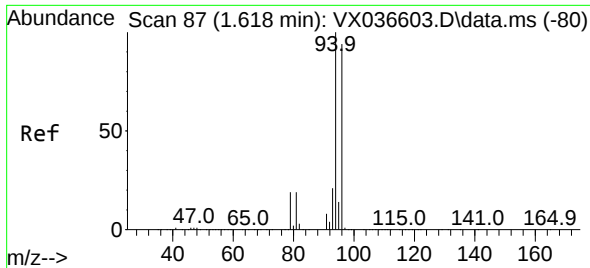
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#4
Vinyl Chloride
Concen: 19.437 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

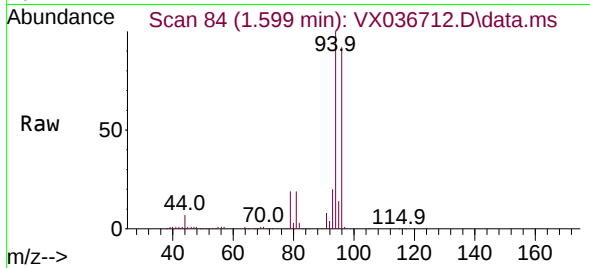
Tgt Ion: 62 Resp: 35496
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5
Bromomethane
Concen: 25.654 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

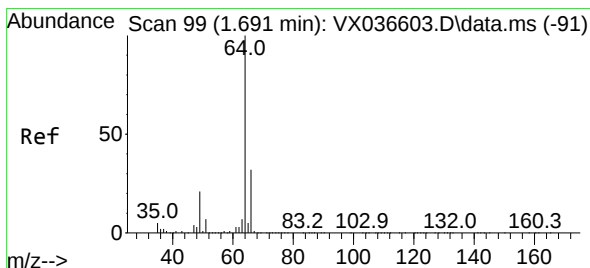
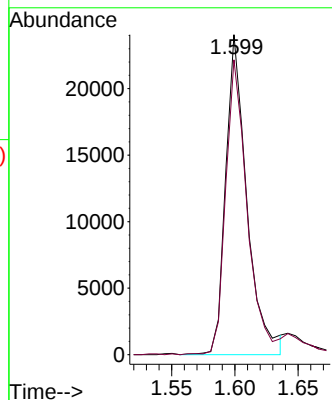
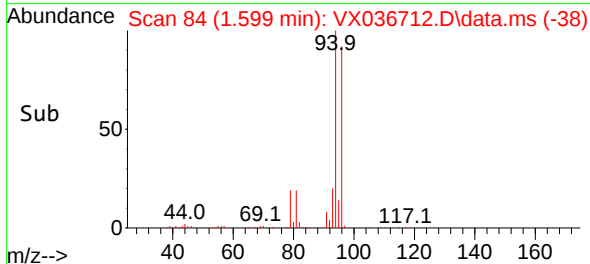
Instrument :
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Tgt Ion: 94 Resp: 27970
Ion Ratio Lower Upper
94 100
96 92.2 74.6 111.8

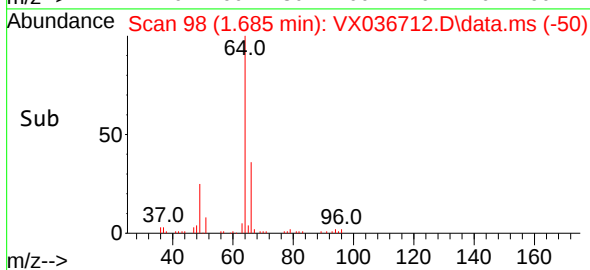
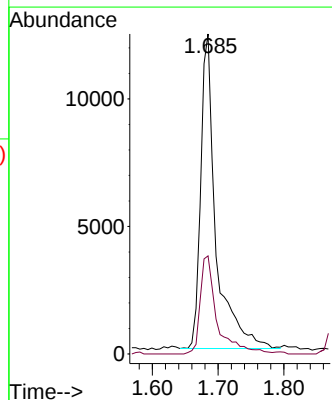
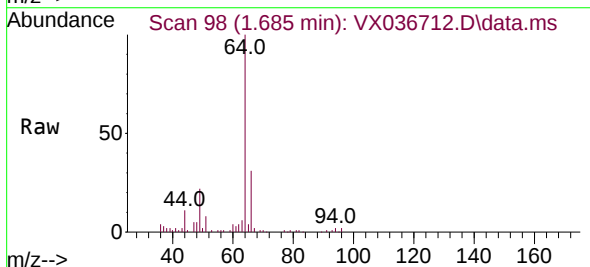
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#6
Chloroethane
Concen: 22.333 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

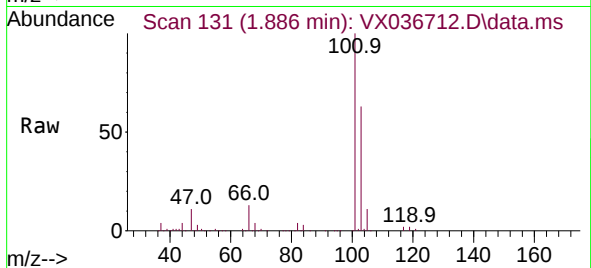
Tgt Ion: 64 Resp: 19829
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 19.601 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036712.D
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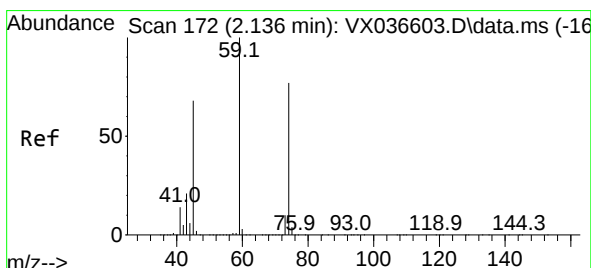
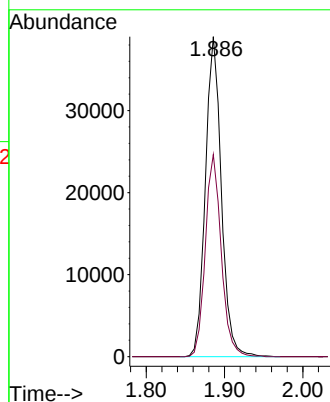
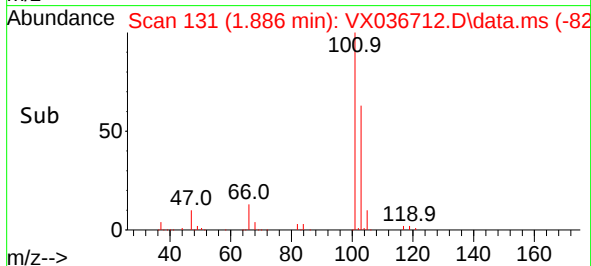
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01



Tgt Ion:101 Resp: 5527
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

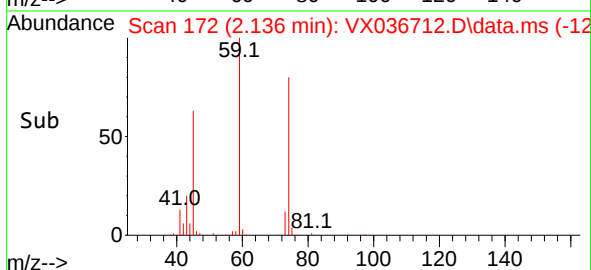
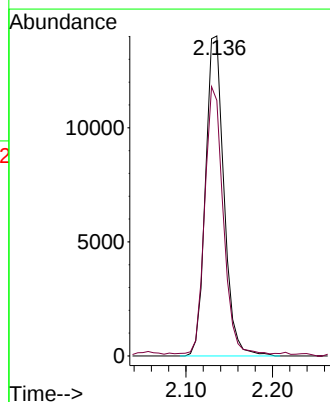
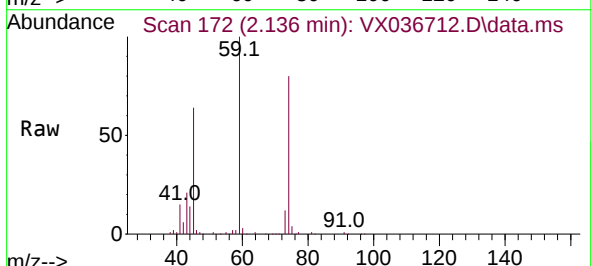
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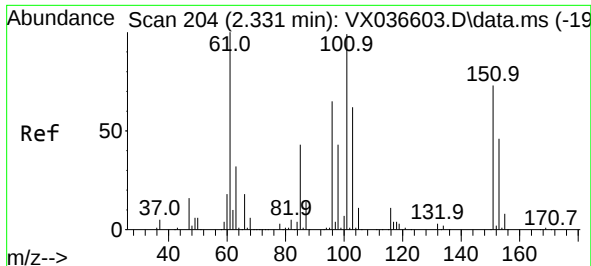
Reviewed By :John Carlone 08/01/2023
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#8
 Diethyl Ether
 Concen: 18.985 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 20714
 Ion Ratio Lower Upper
 74 100
 45 83.2 53.3 159.8





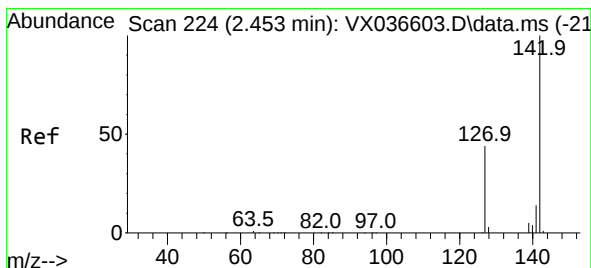
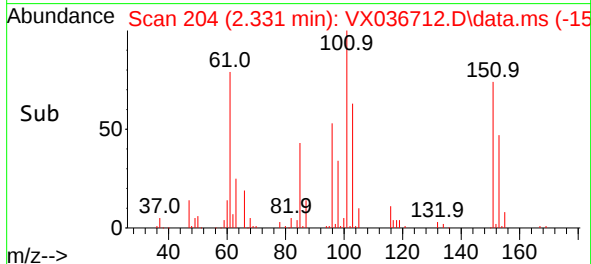
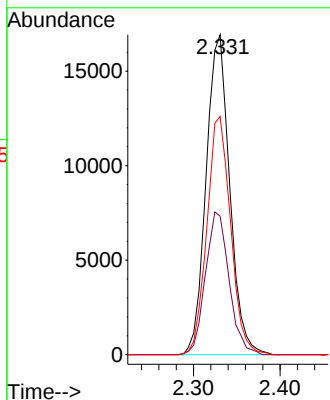
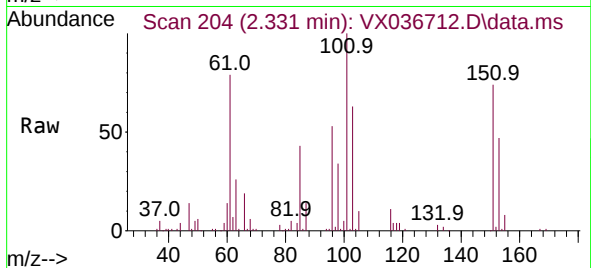
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1,1,2-Trichlorotrifluoroethane
Concen: 18.904 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:101 Resp: 32029
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 74.9 58.6 87.8

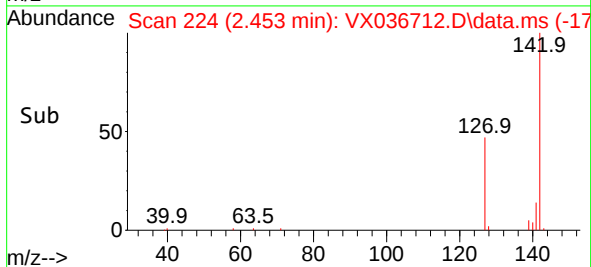
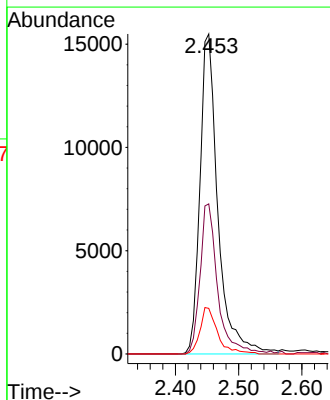
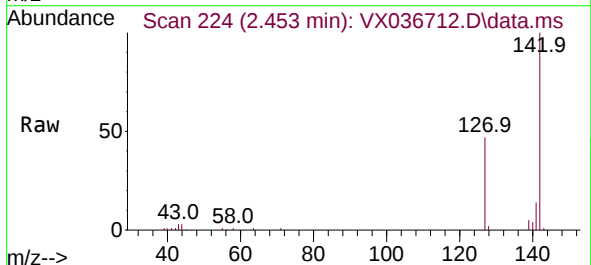
Manual Integrations
APPROVED

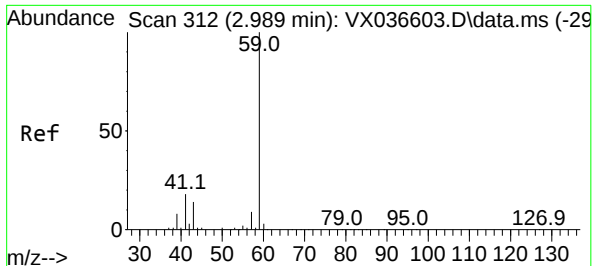
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 17.423 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:142 Resp: 30661
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 106.485 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.031 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 59 Resp: 5568

Ion Ratio Lower Upper

59 100

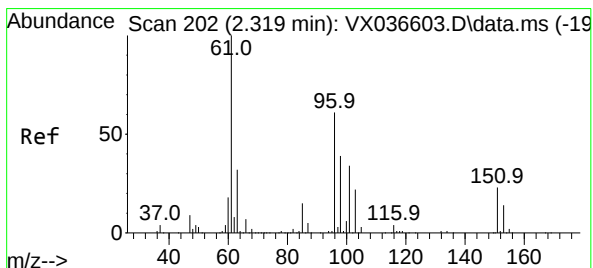
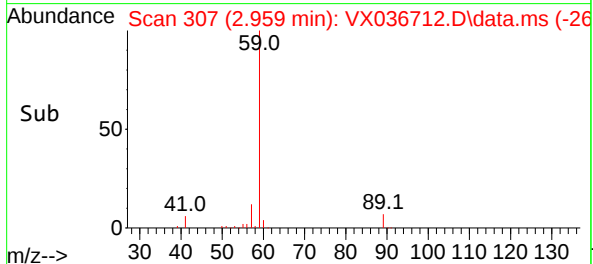
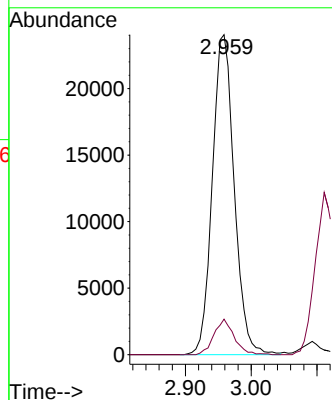
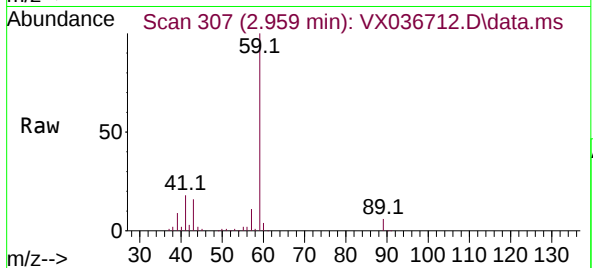
57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#12

1,1-Dichloroethene

Concen: 18.145 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

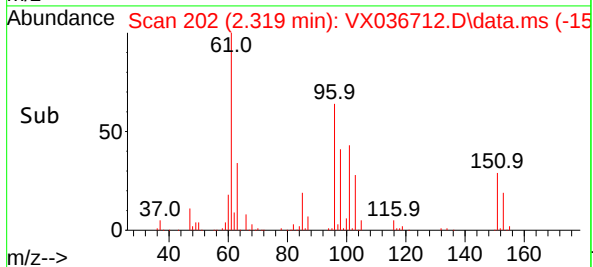
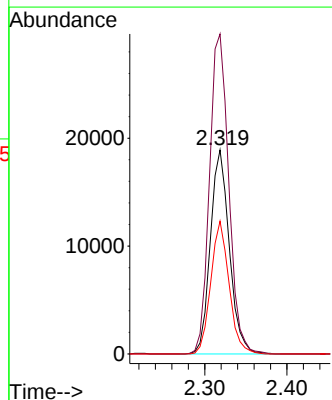
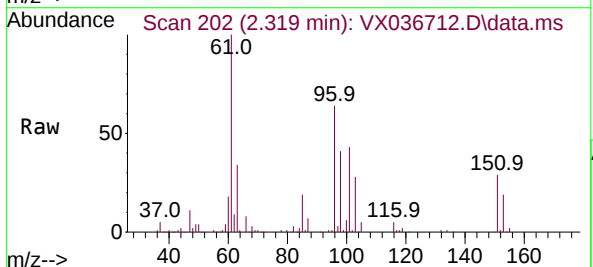
Tgt Ion: 96 Resp: 30331

Ion Ratio Lower Upper

96 100

61 156.9 144.6 216.8

98 65.1 50.4 75.6





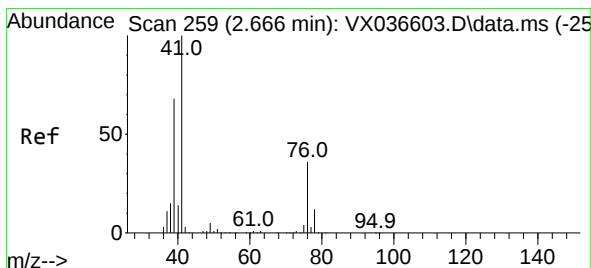
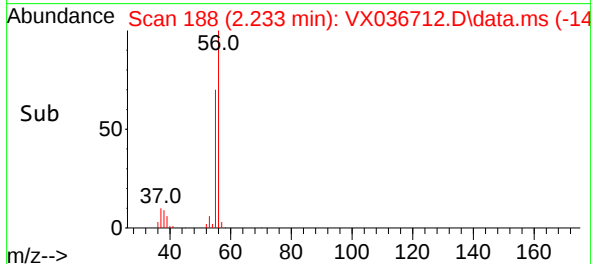
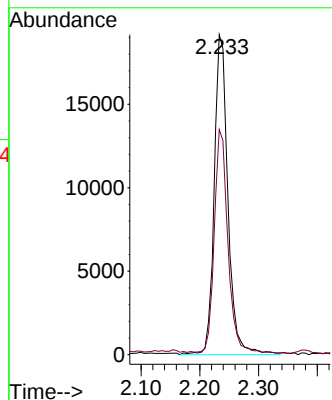
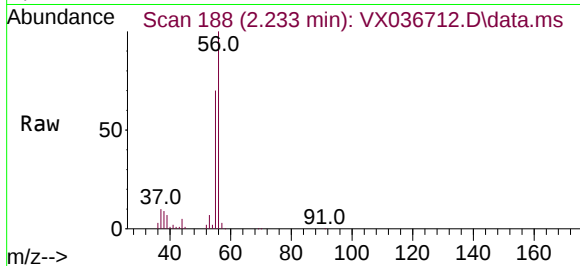
#13
Acrolein
Concen: 104.447 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

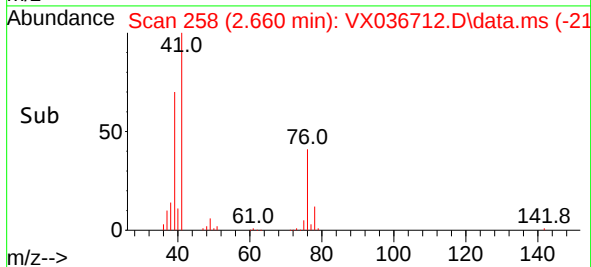
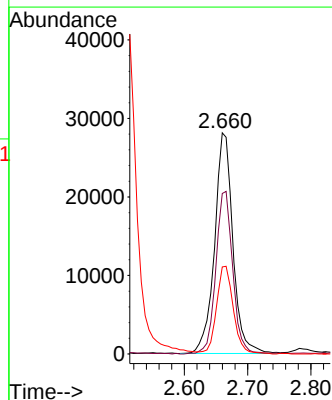
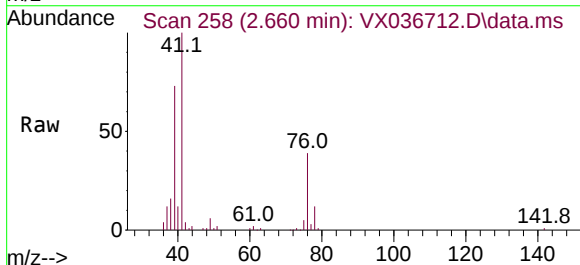
Manual Integrations
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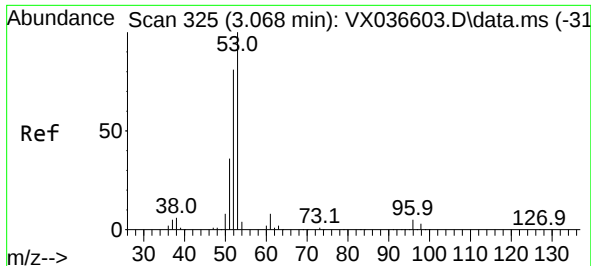
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Allyl chloride
Concen: 17.190 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 41 Resp: 56584
Ion Ratio Lower Upper
41 100
39 68.1 55.8 83.6
76 36.3 24.3 36.5





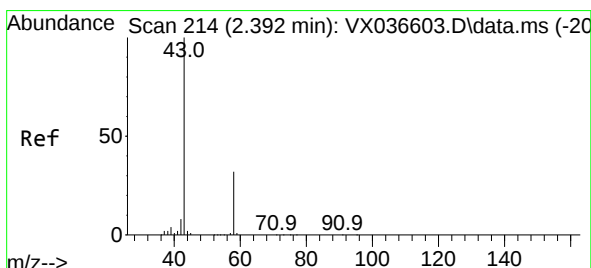
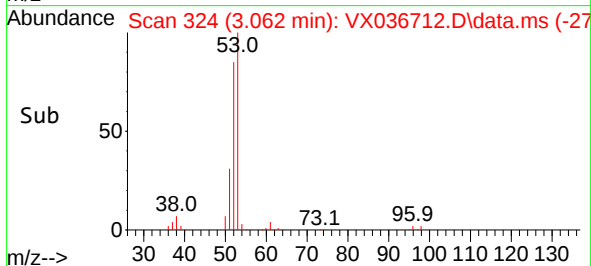
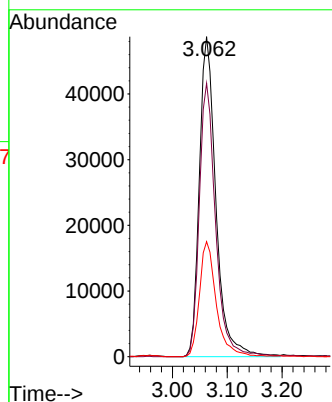
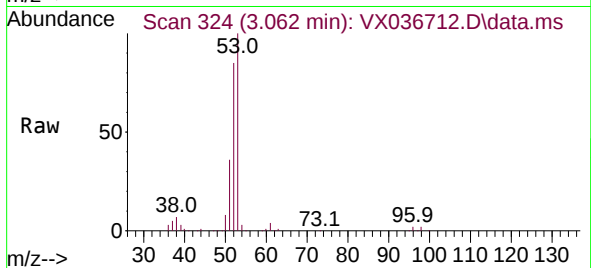
#15
Acrylonitrile
Concen: 97.730 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 53 Resp: 10277
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 36.5 29.8 44.6

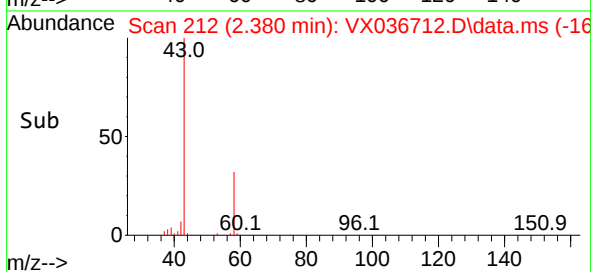
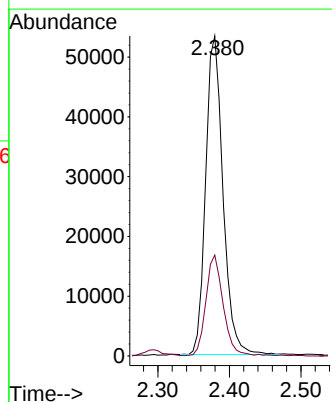
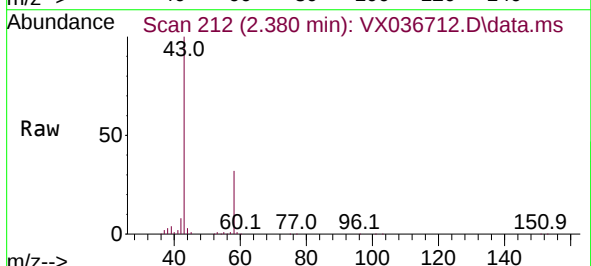
Manual Integrations
APPROVED

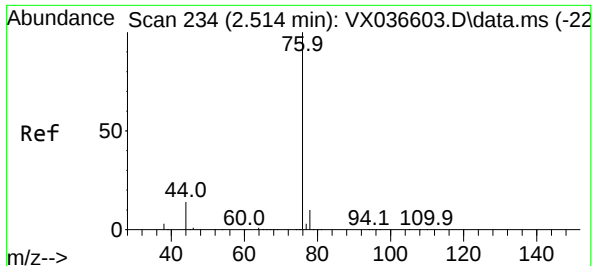
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 97.857 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 43 Resp: 89695
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





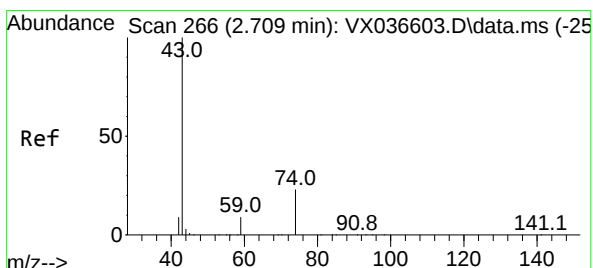
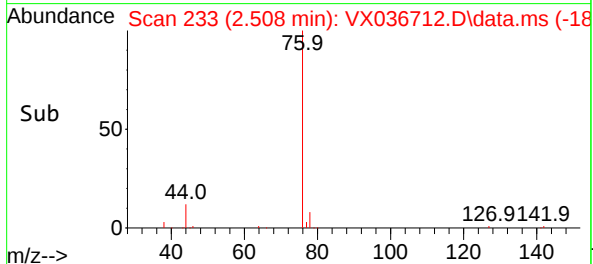
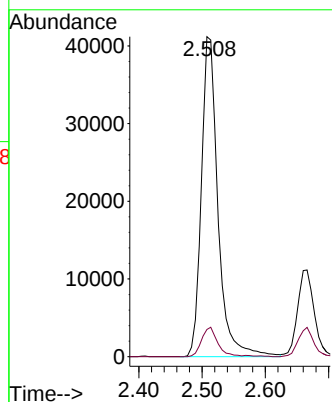
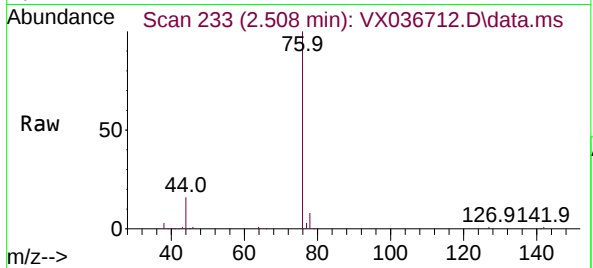
#17
Carbon Disulfide
Concen: 16.317 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 76 Resp: 75278
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6

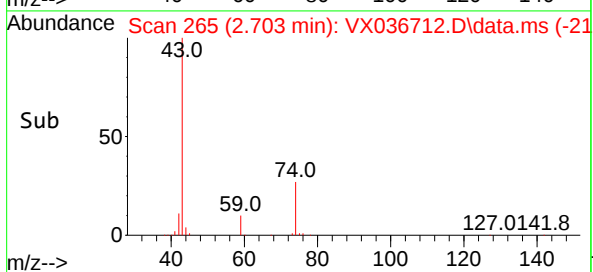
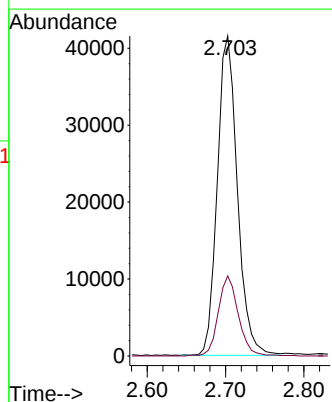
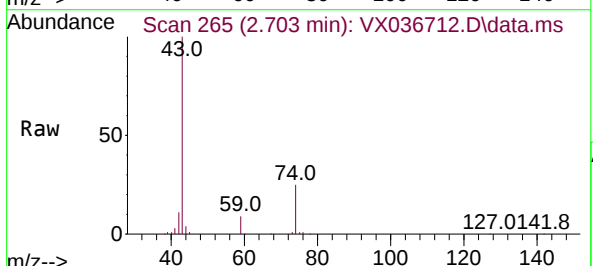
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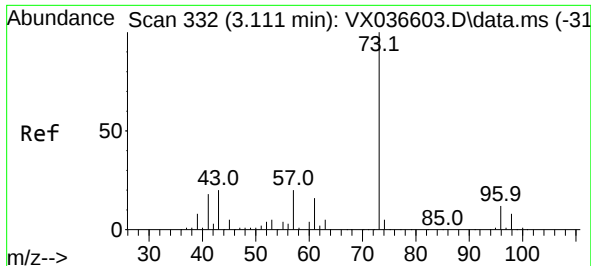
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 19.211 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 43 Resp: 74077
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 19.447 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 73 Resp: 122158

Ion Ratio Lower Upper

73 100

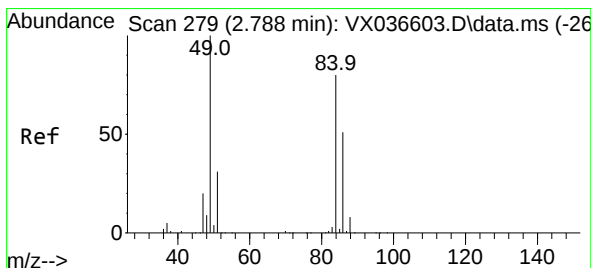
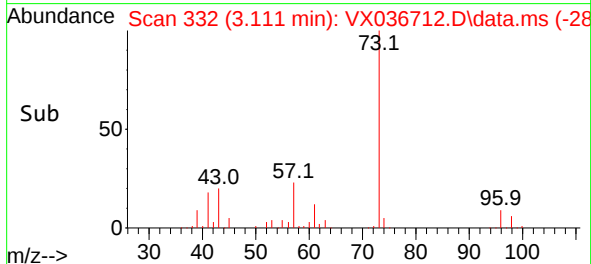
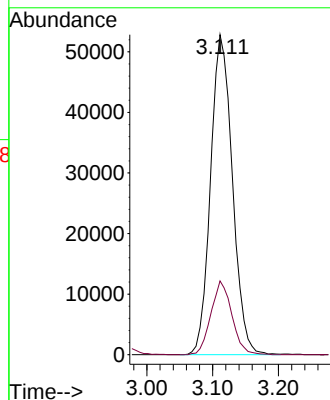
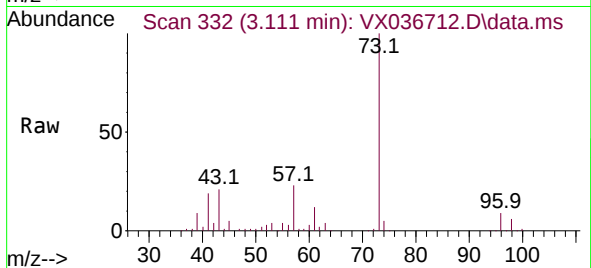
57 23.1 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#20

Methylene Chloride

Concen: 17.952 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Tgt Ion: 84 Resp: 36594

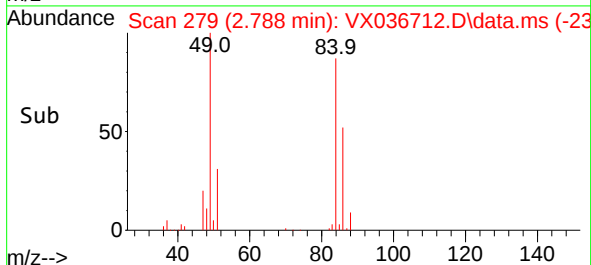
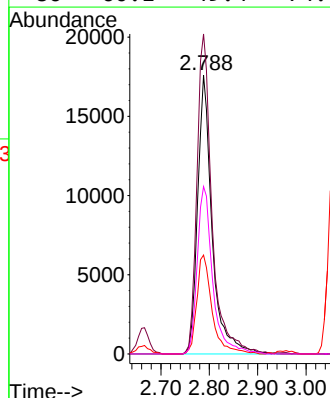
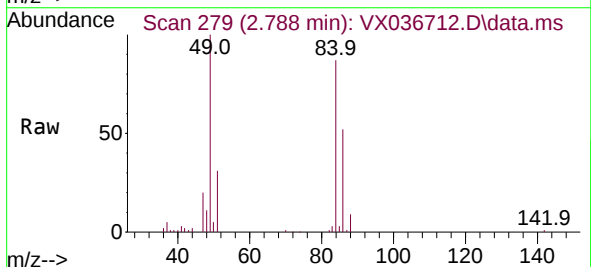
Ion Ratio Lower Upper

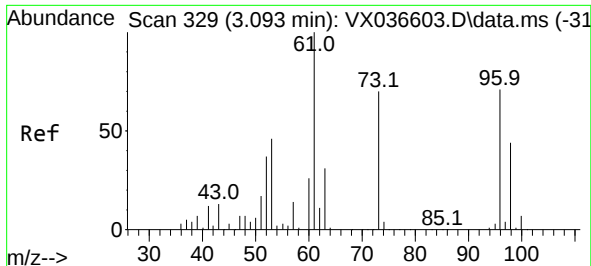
84 100

49 114.8 103.6 155.4

51 35.5 33.8 50.6

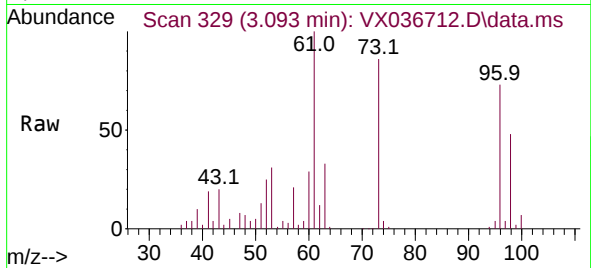
86 60.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.001 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

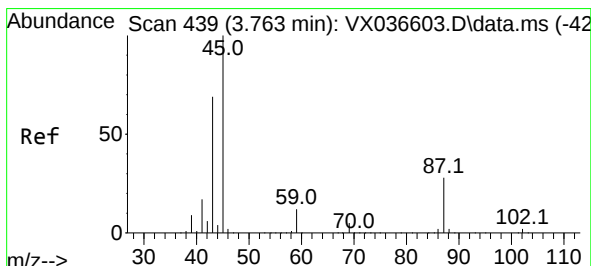
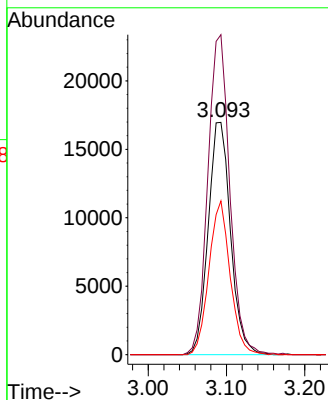
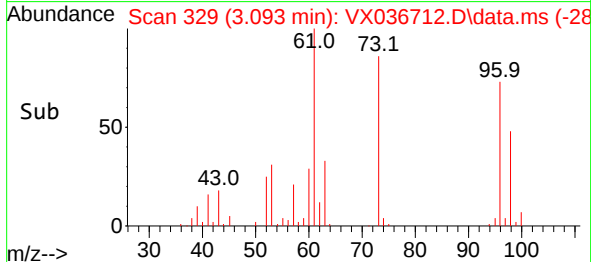
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



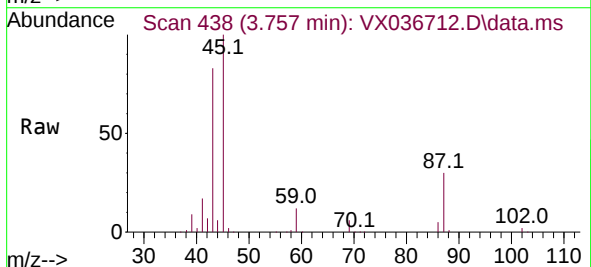
Tgt Ion: 96 Resp: 33630
Ion Ratio Lower Upper
96 100
61 137.7 119.2 178.8
98 66.2 48.7 73.1

Manual Integrations
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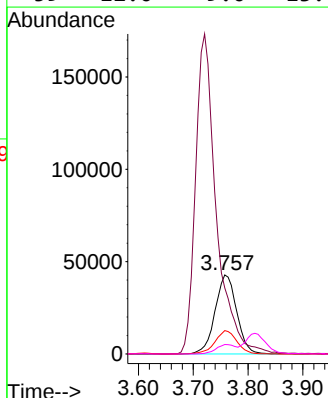
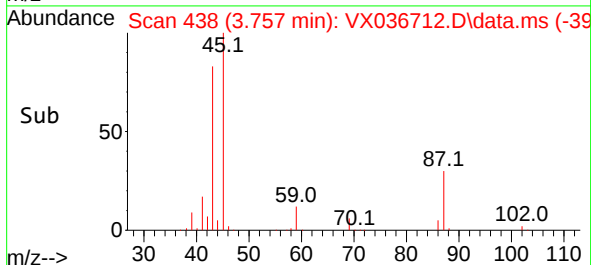
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#22
Diisopropyl ether
Concen: 18.755 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion: 45 Resp: 117218
Ion Ratio Lower Upper
45 100
43 83.0 69.7 104.5
87 29.6 20.8 31.2
59 12.0 9.0 13.4





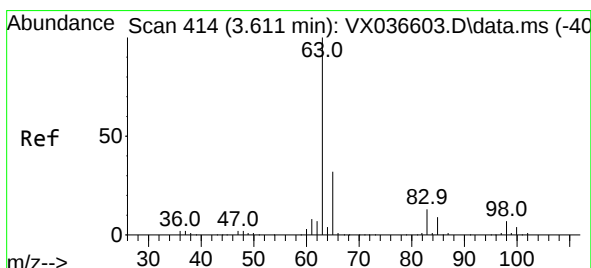
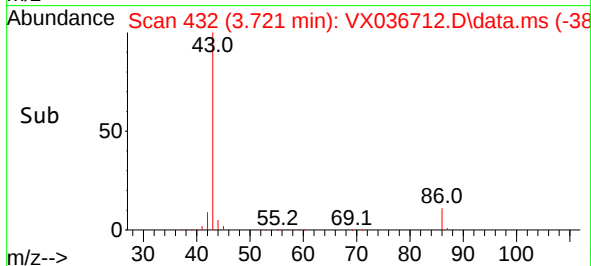
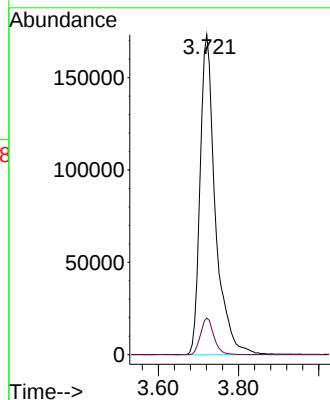
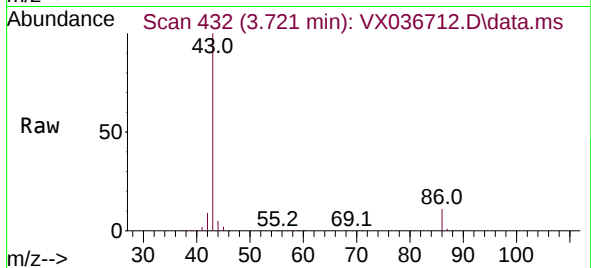
#23
 Vinyl Acetate
 Concen: 95.519 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036712.D
 Acq: 31 Jul 2023 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tgt Ion: 43 Resp: 45792
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

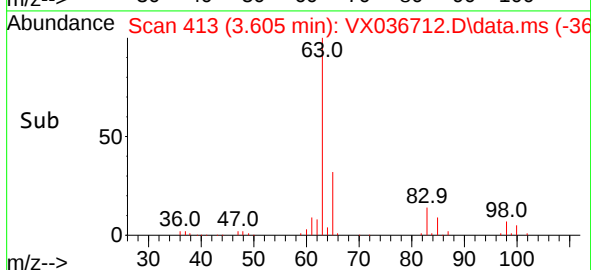
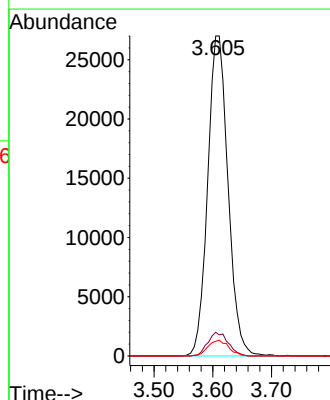
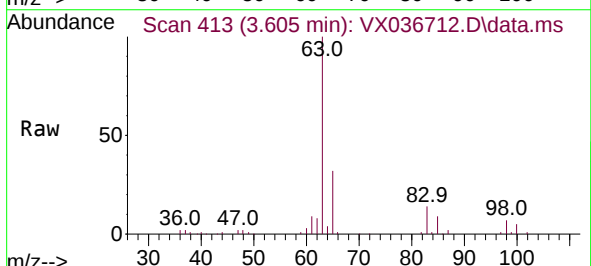
Manual Integrations
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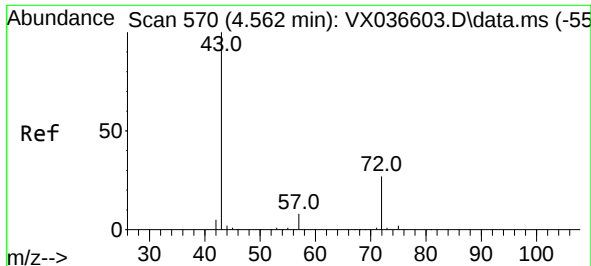
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 18.525 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036712.D
 Acq: 31 Jul 2023 11:59

Tgt Ion: 63 Resp: 64912
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.5 2.1 6.5





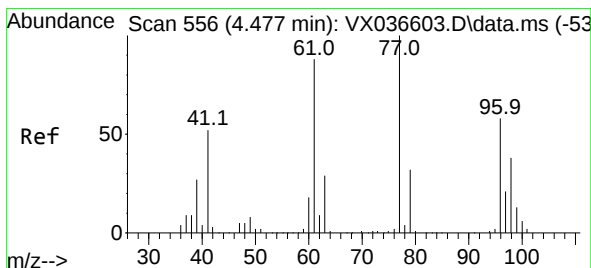
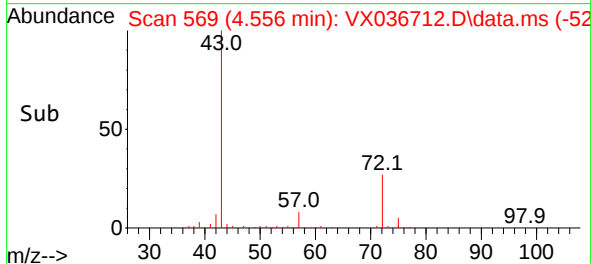
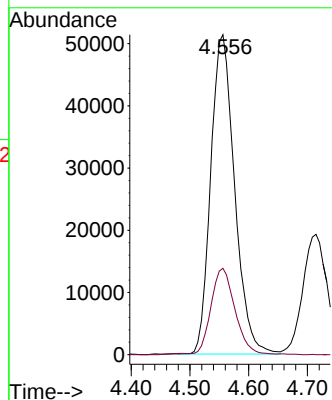
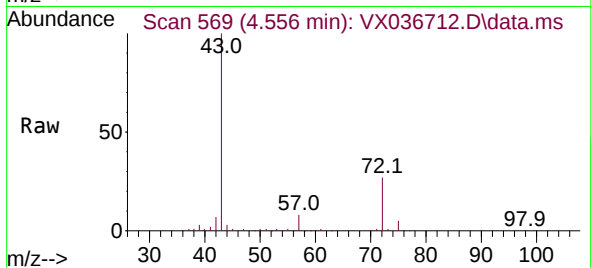
#25
2-Butanone
Concen: 97.400 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 43 Resp: 14484
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

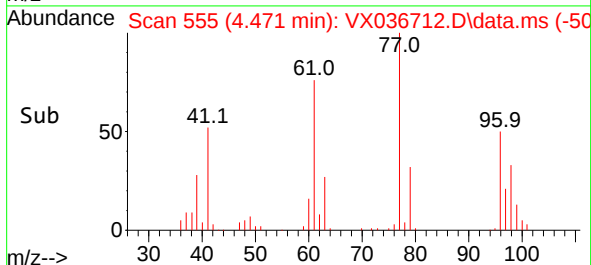
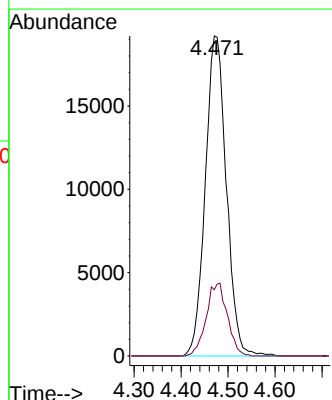
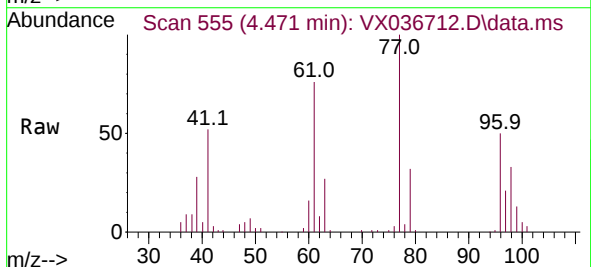
Manual Integrations
APPROVED

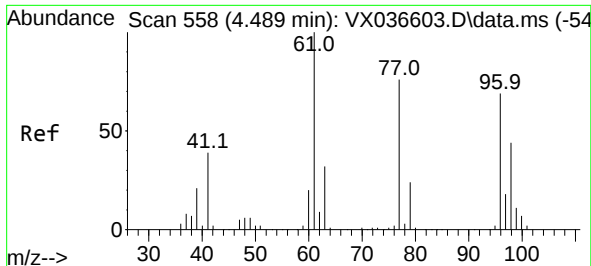
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
2,2-Dichloropropane
Concen: 18.074 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 77 Resp: 59676
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.602 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 96 Resp: 4127

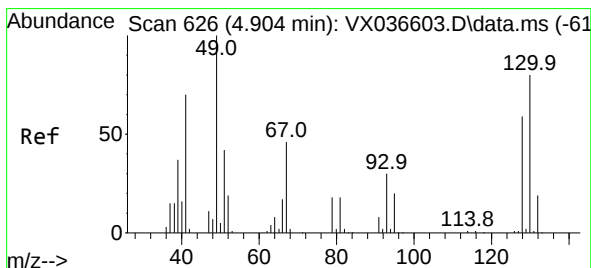
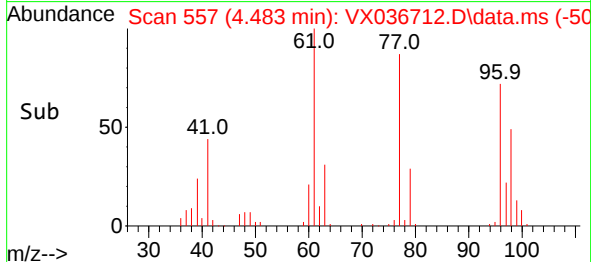
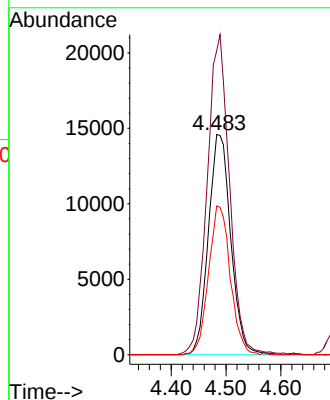
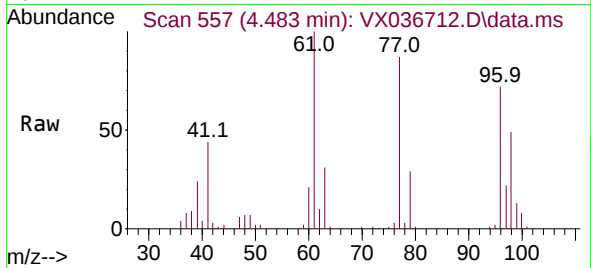
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	312.2
98	65.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#28

Bromochloromethane

Concen: 21.263 ug/l

RT: 4.897 min Scan# 625

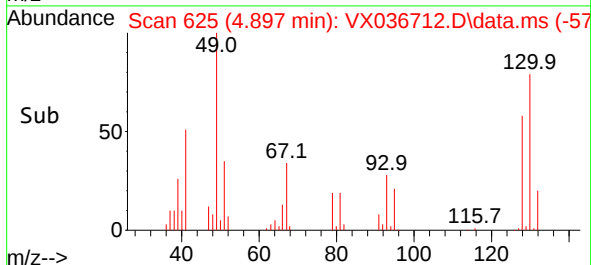
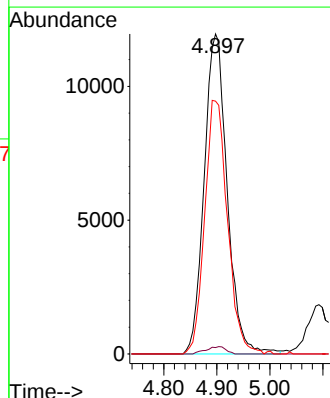
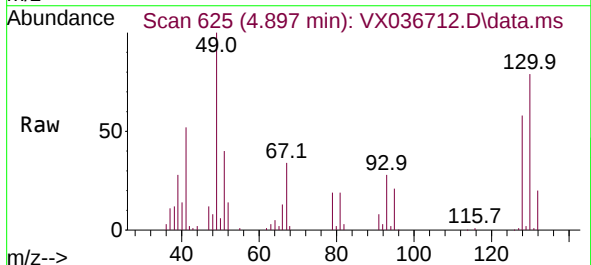
Delta R.T. -0.006 min

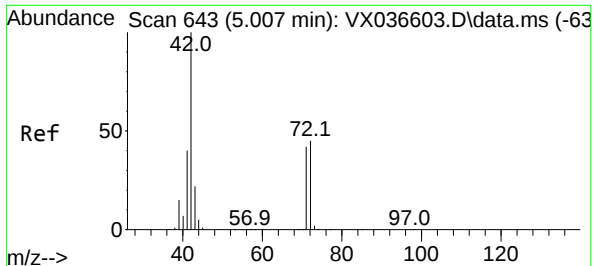
Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Tgt Ion: 49 Resp: 36034

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	78.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 95.951 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

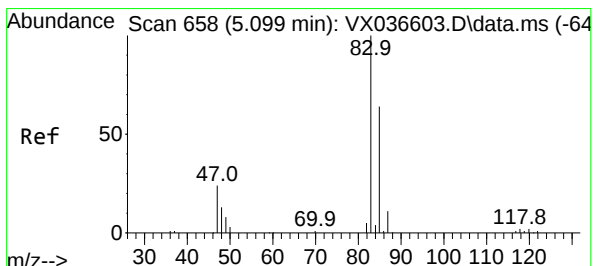
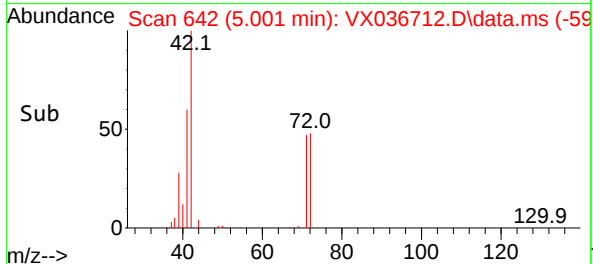
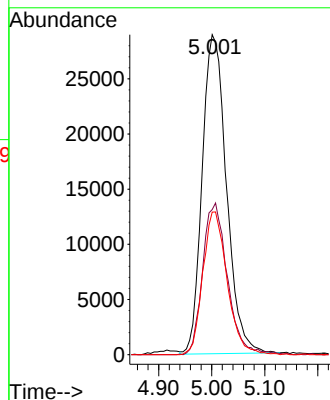
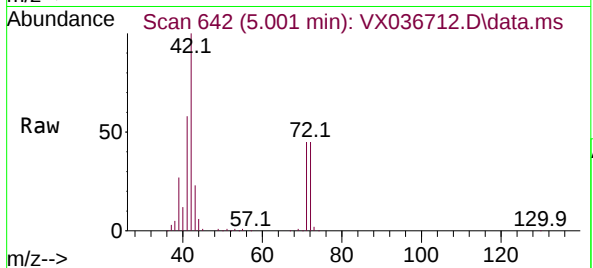
Tgt Ion: 42	Resp: 9199
Ion Ratio	Lower Upper
42 100	
72 48.4	34.2 51.4
71 44.9	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 19.276 ug/l

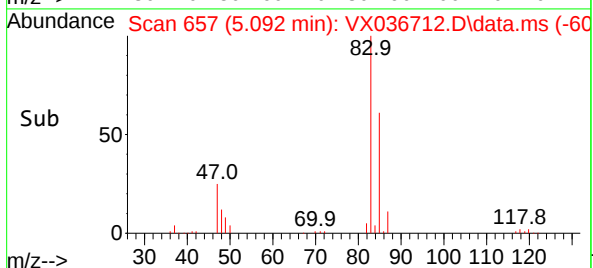
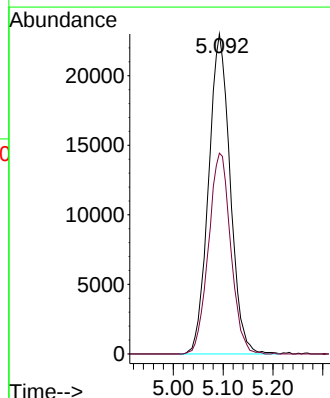
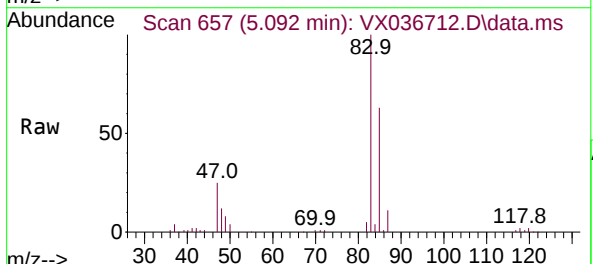
RT: 5.092 min Scan# 657

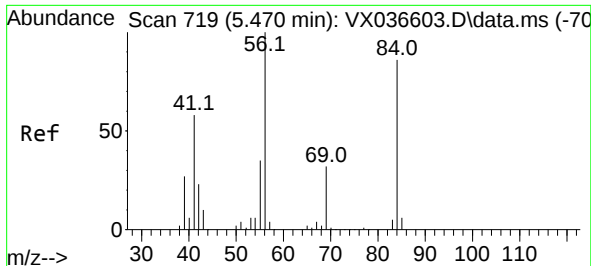
Delta R.T. -0.006 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

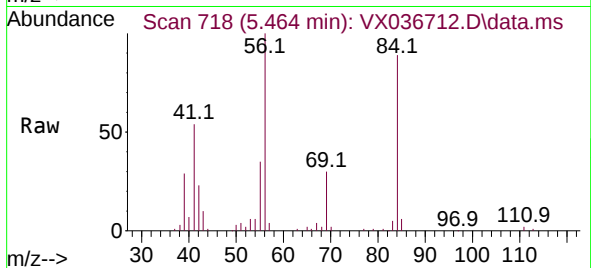
Tgt Ion: 83	Resp: 69104
Ion Ratio	Lower Upper
83 100	
85 62.7	50.3 75.5





#31
Cyclohexane
Concen: 17.498 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

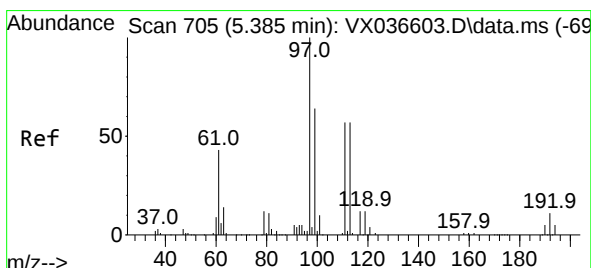
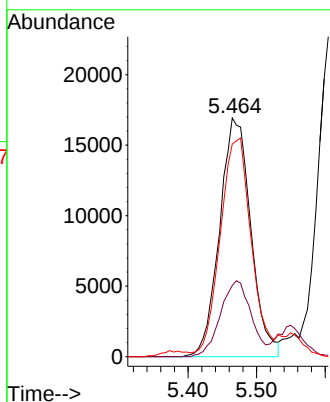
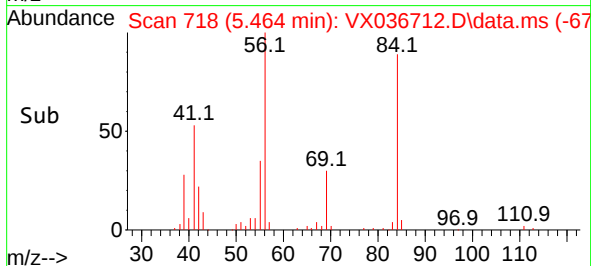
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



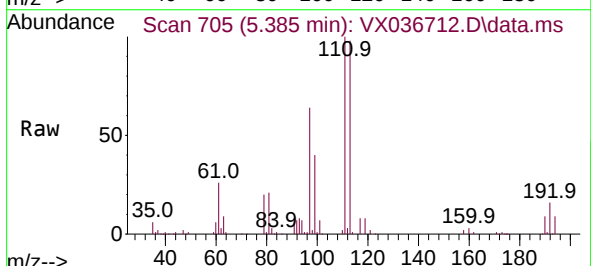
Tgt Ion: 56 Resp: 53510
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 86.7 65.9 98.9

Manual Integrations
APPROVED

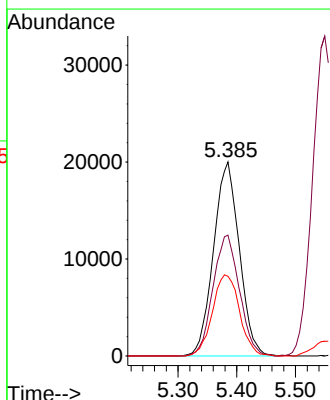
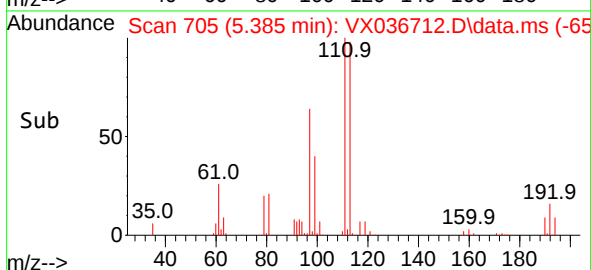
Reviewed By :John Carbone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

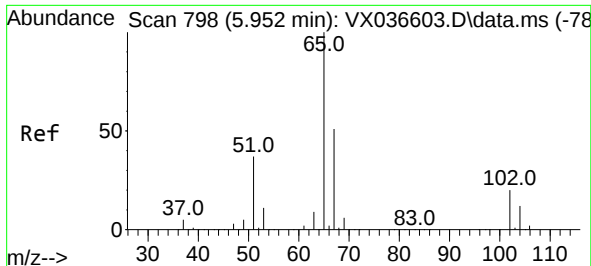


#32
1,1,1-Trichloroethane
Concen: 18.597 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion: 97 Resp: 61088
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.070 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 65 Resp: 10618

Ion Ratio Lower Upper

65 100

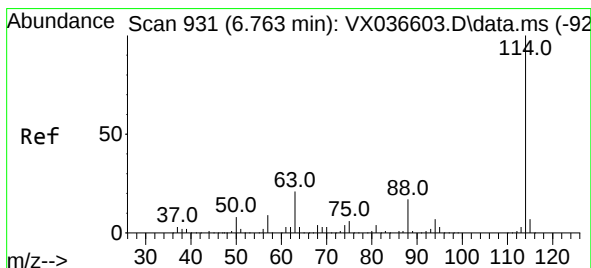
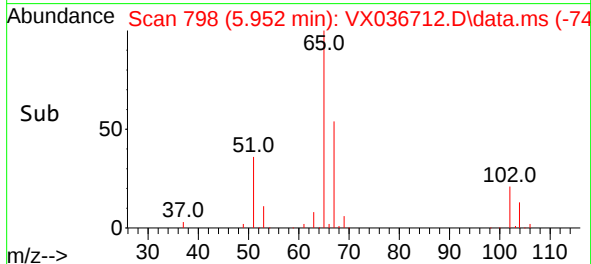
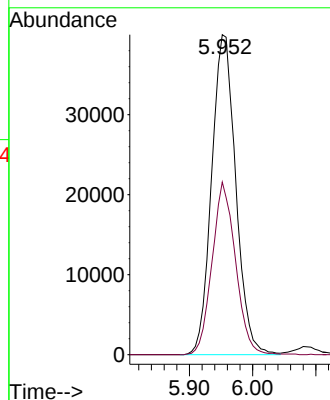
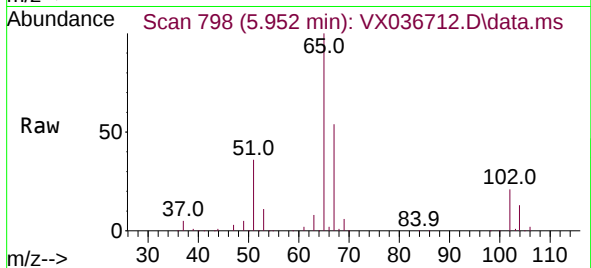
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

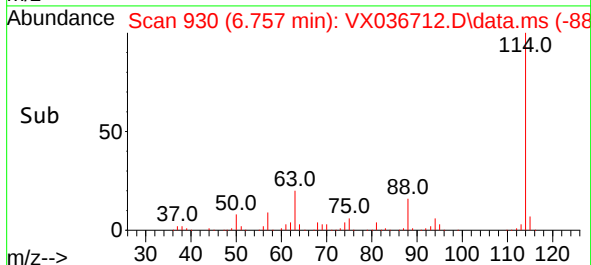
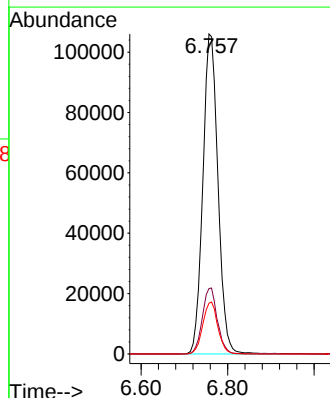
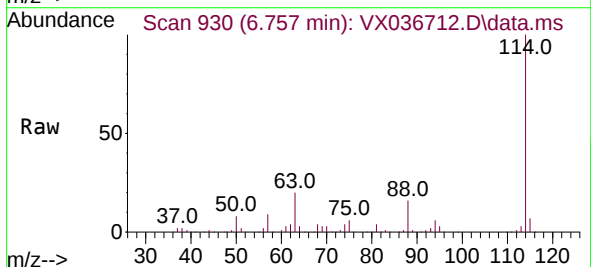
Tgt Ion:114 Resp: 256966

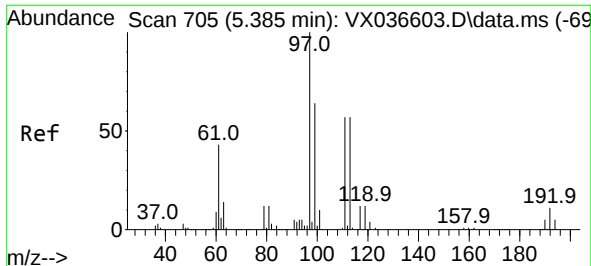
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

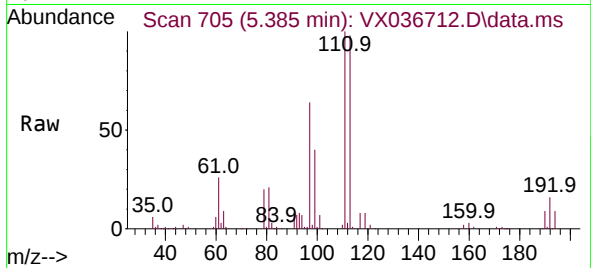
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

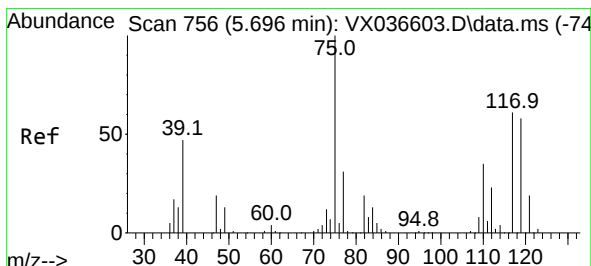
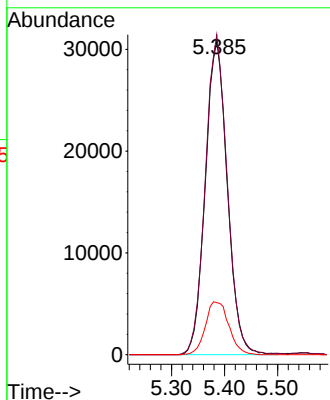
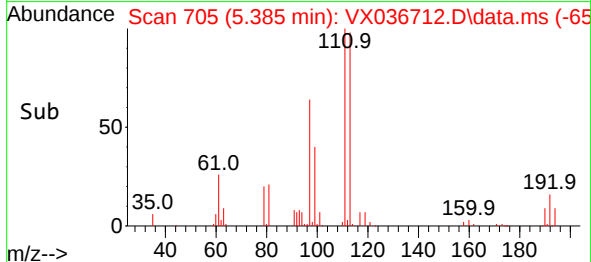
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 113 Resp: 88784
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.0 13.3 19.9

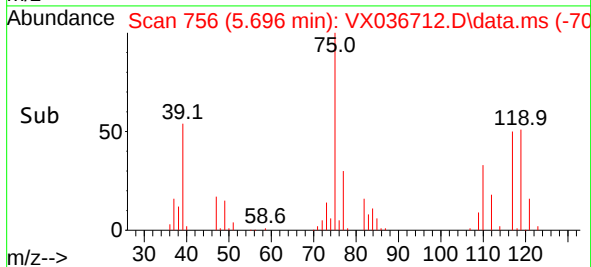
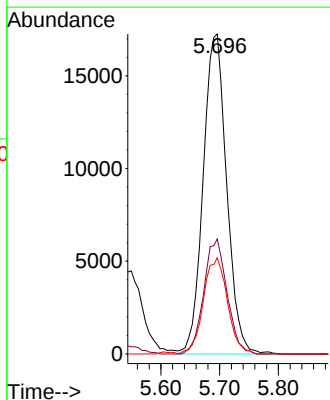
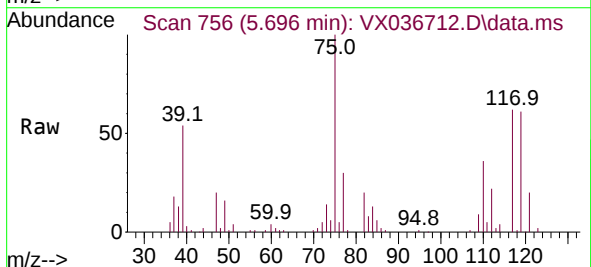
Manual Integrations
APPROVED

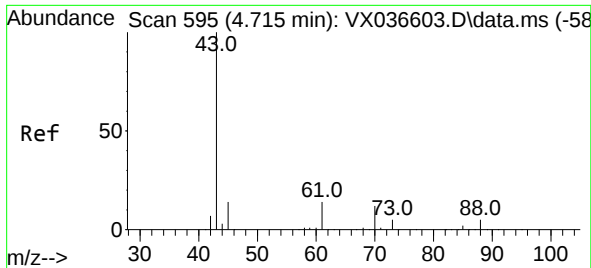
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
1,1-Dichloropropene
Concen: 18.220 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 75 Resp: 47965
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 30.7 24.7 37.1





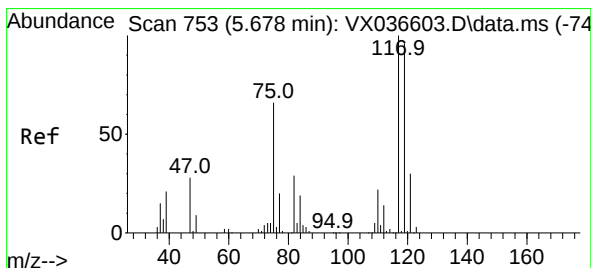
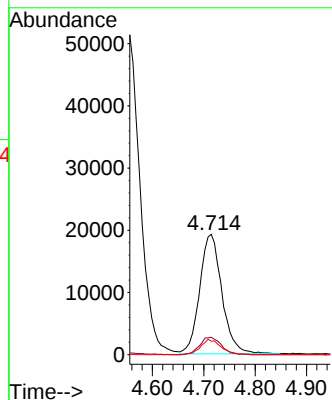
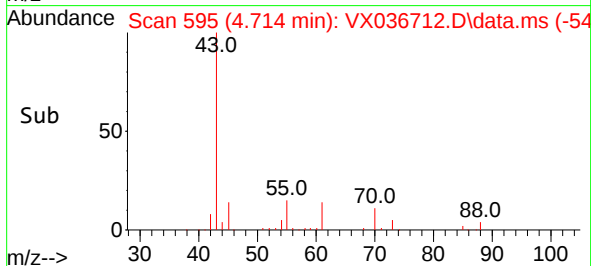
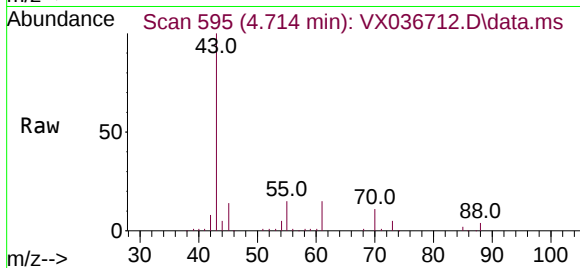
#37
Ethyl Acetate
Concen: 19.365 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 43 Resp: 5770
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.6 8.3 12.5

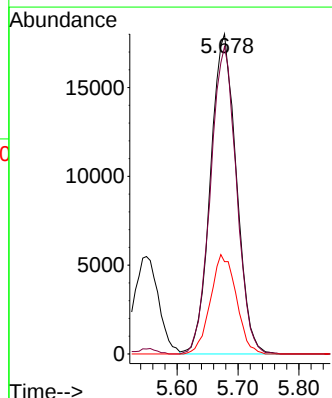
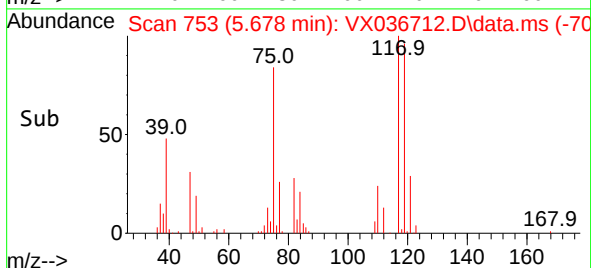
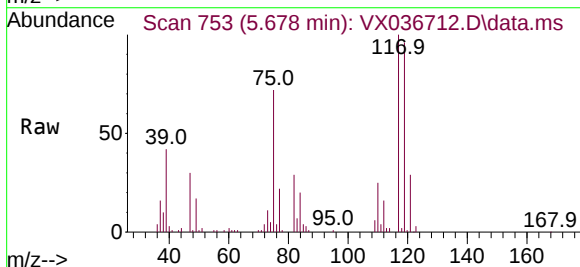
Manual Integrations
APPROVED

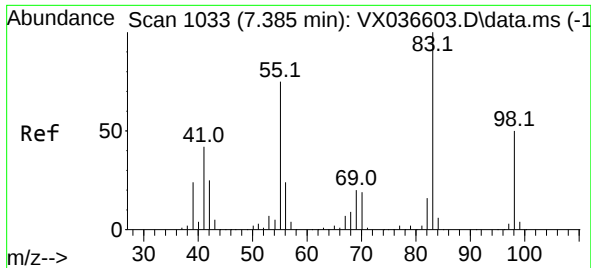
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Carbon Tetrachloride
Concen: 19.001 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:117 Resp: 53180
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 28.9 24.4 36.6





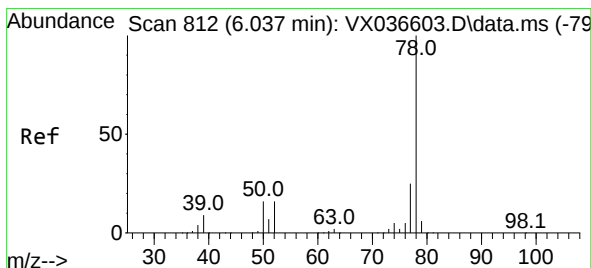
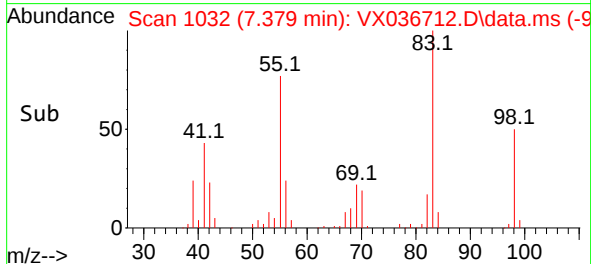
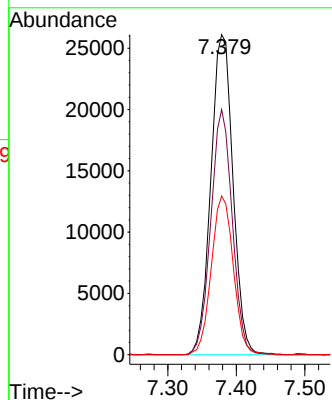
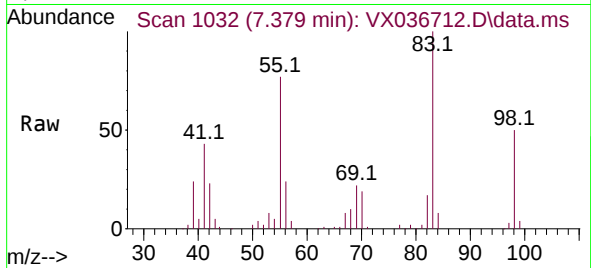
#39
Methylcyclohexane
Concen: 17.882 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 83 Resp: 5853
Ion Ratio Lower Upper
83 100
55 76.6 64.6 97.0
98 49.6 36.7 55.1

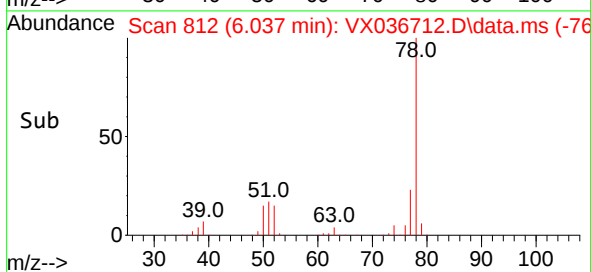
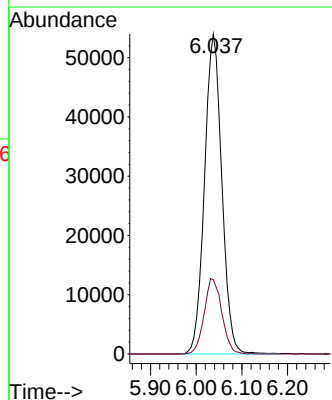
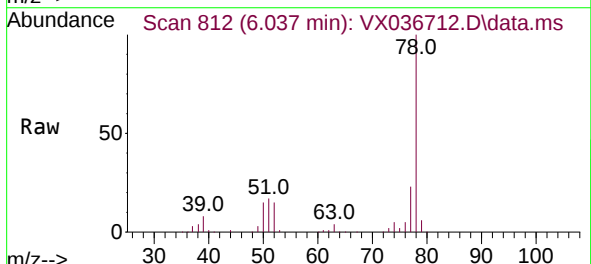
Manual Integrations
APPROVED

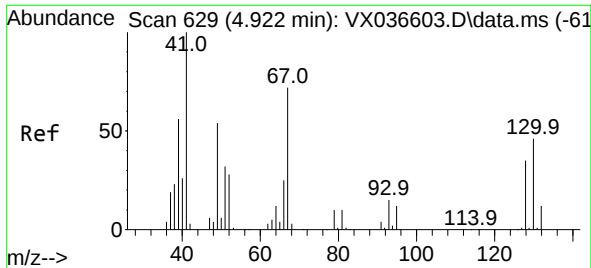
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#40
Benzene
Concen: 18.556 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 78 Resp: 142127
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





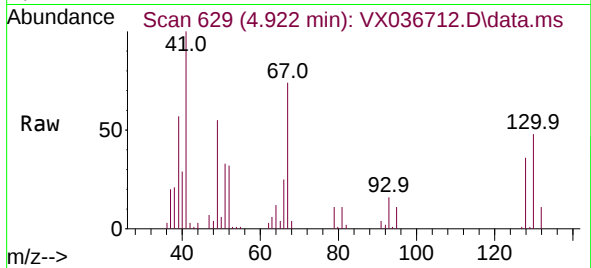
#41
Methacrylonitrile
Concen: 19.156 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01



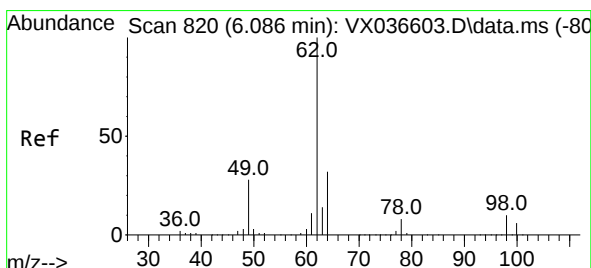
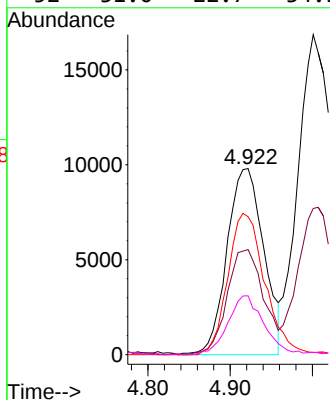
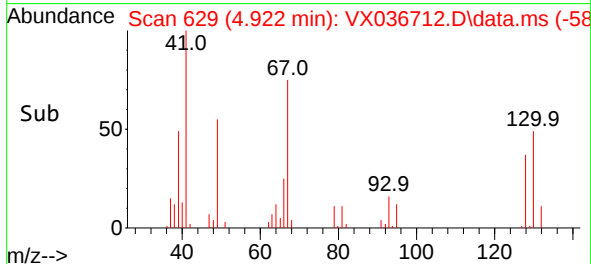
Tgt Ion: 41 Resp: 30528
Ion Ratio Lower Upper
41 100
39 55.9 45.2 67.8
67 77.0 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

APPROVED

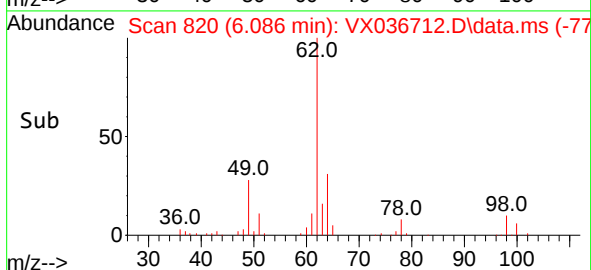
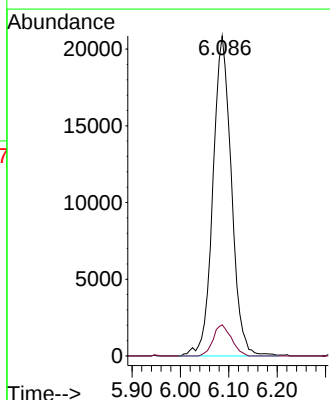
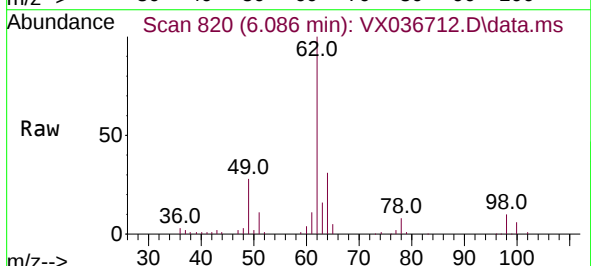
Reviewed By :John Carlone 08/01/2023

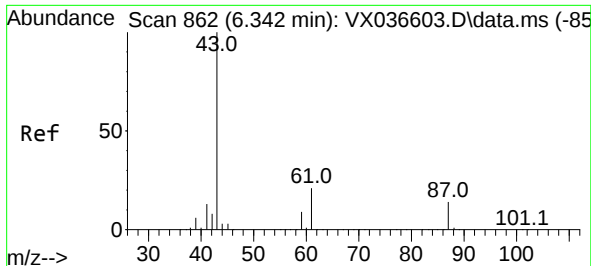
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 19.794 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

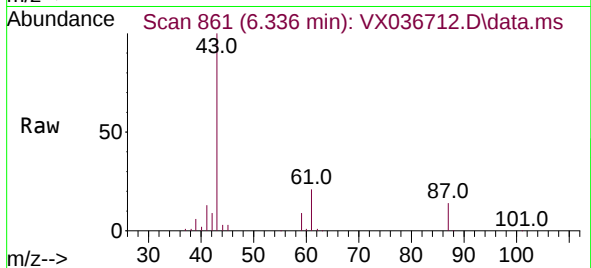
Tgt Ion: 62 Resp: 55430
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 18.710 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

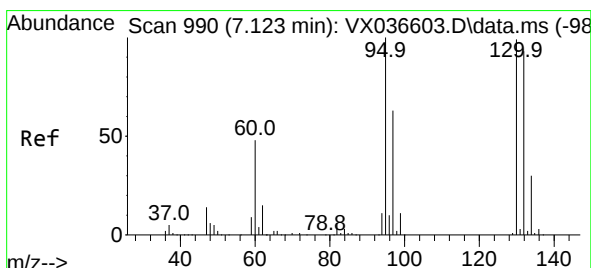
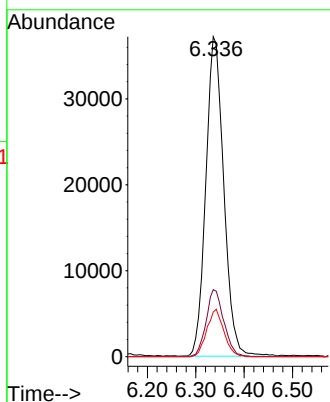
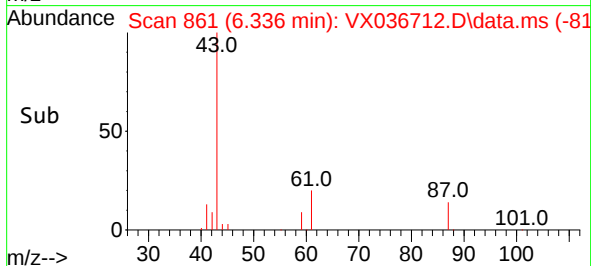
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 43 Resp: 95968
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 14.1 9.8 14.6

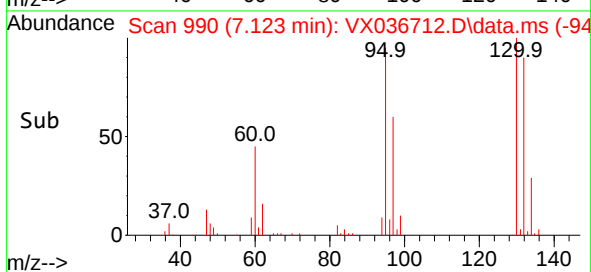
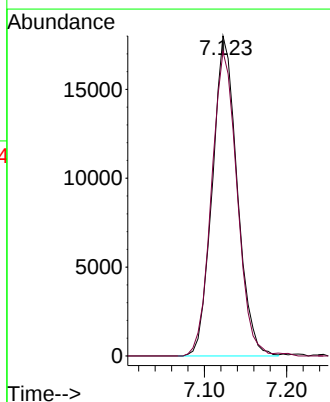
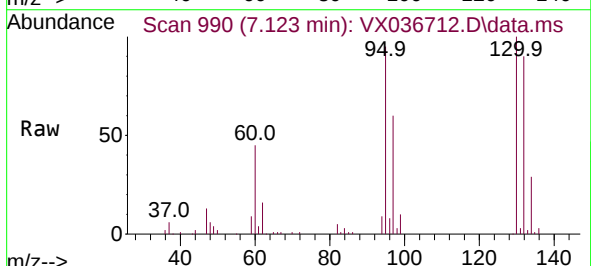
Manual Integrations
APPROVED

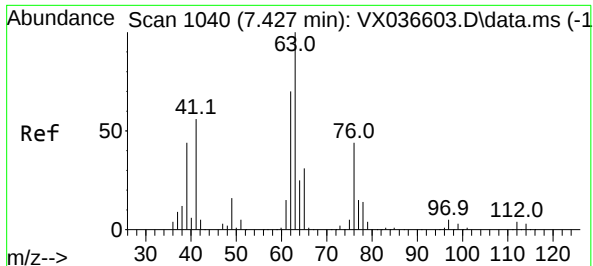
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
Trichloroethene
Concen: 18.870 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:130 Resp: 37779
Ion Ratio Lower Upper
130 100
95 95.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.803 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 63 Resp: 3845

Ion Ratio Lower Upper

63 100

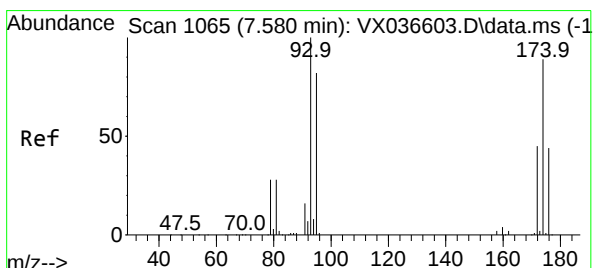
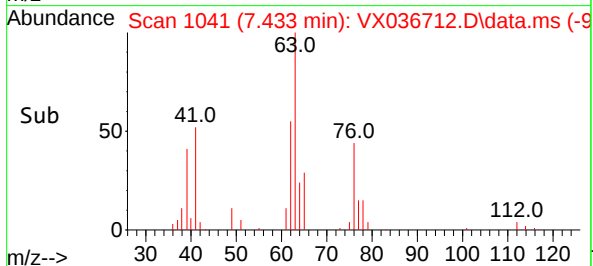
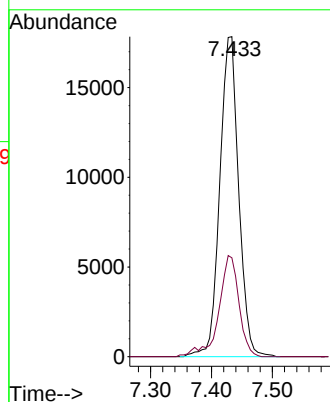
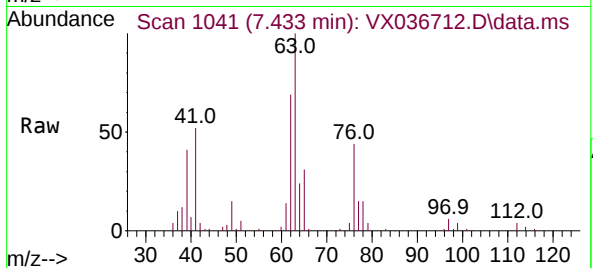
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 19.335 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

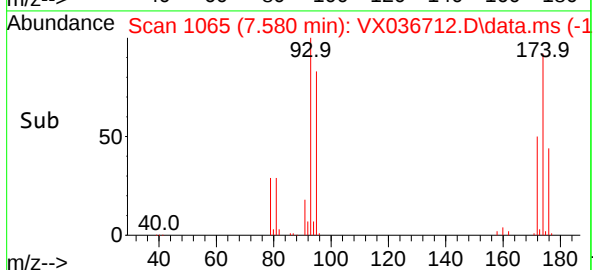
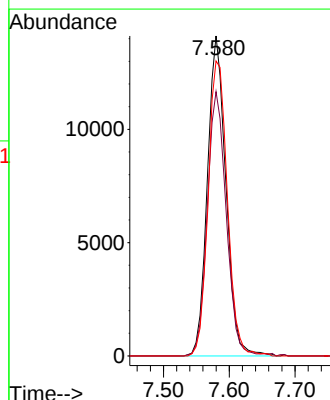
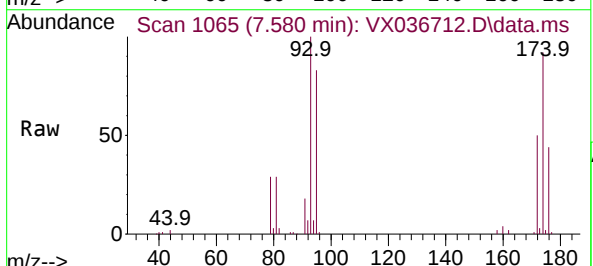
Tgt Ion: 93 Resp: 27673

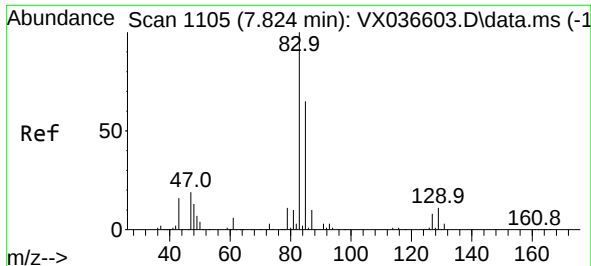
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 95.7 69.4 104.0





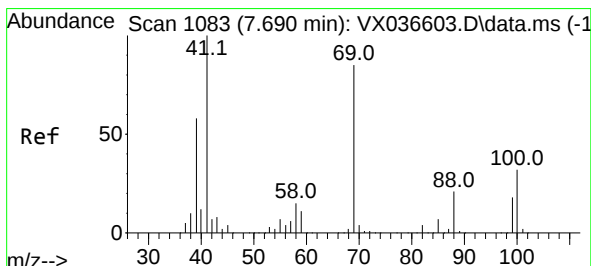
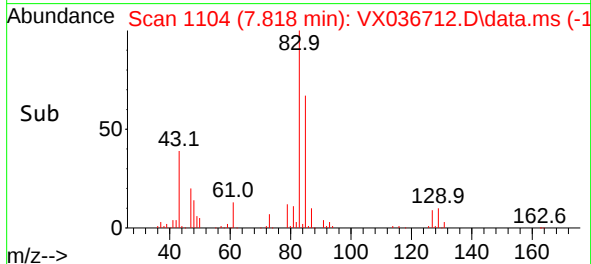
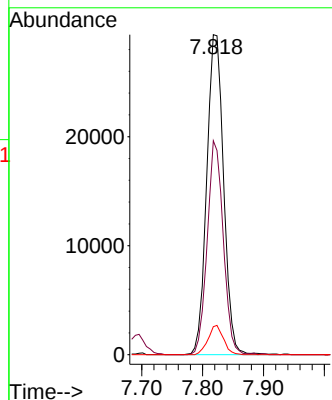
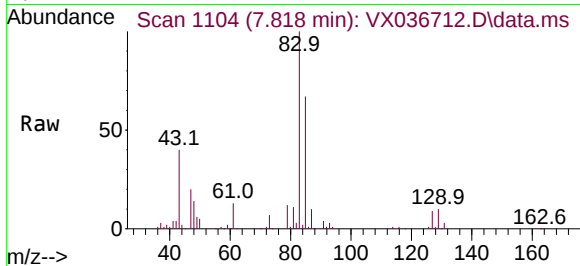
#47
Bromodichloromethane
Concen: 19.282 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 83 Resp: 5664
Ion Ratio Lower Upper
83 100
85 66.9 49.8 74.6
127 8.7 7.1 10.7

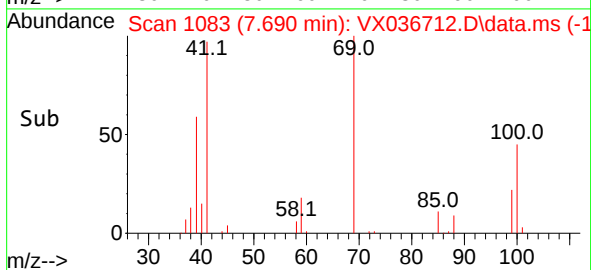
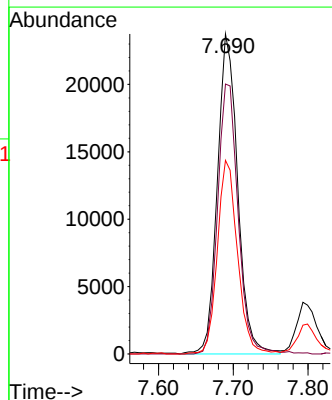
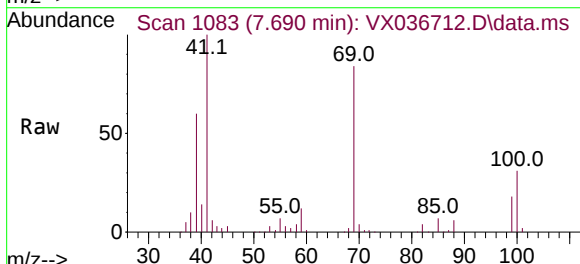
Manual Integrations
APPROVED

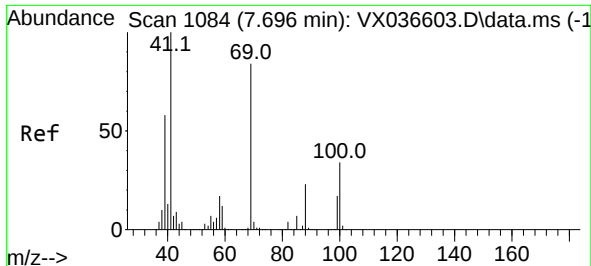
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#48
Methyl methacrylate
Concen: 18.777 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 41 Resp: 44789
Ion Ratio Lower Upper
41 100
69 85.4 59.2 88.8
39 60.1 47.7 71.5





#49

1,4-Dioxane

Concen: 423.325 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

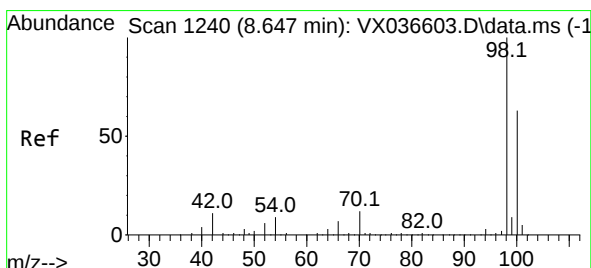
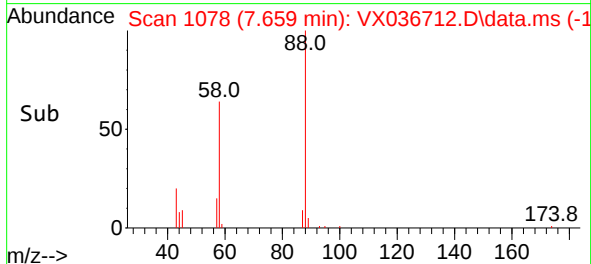
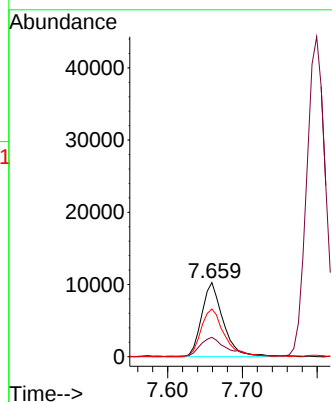
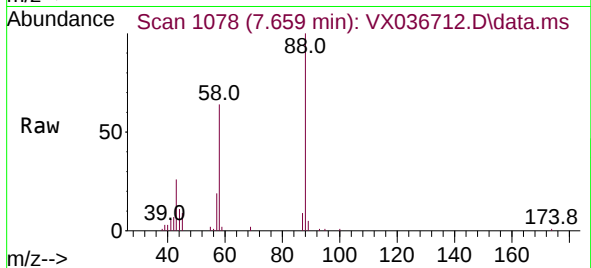
Tgt Ion: 88 Resp: 20395
 Ion Ratio Lower Upper
 88 100
 43 34.4 0.0 0.0
 58 69.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

Toluene-d8

Concen: 47.912 ug/l

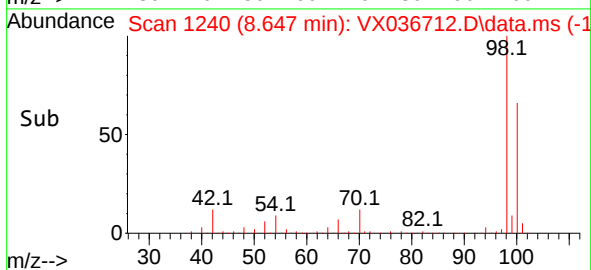
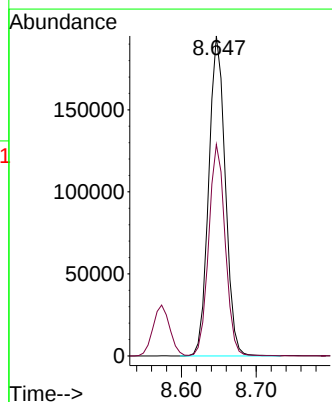
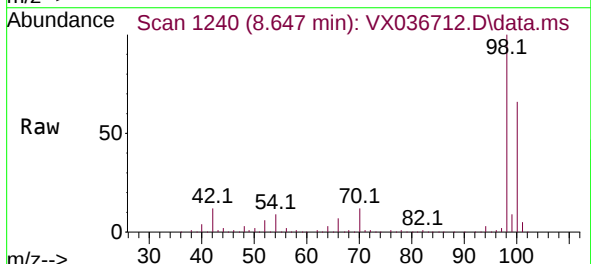
RT: 8.647 min Scan# 1240

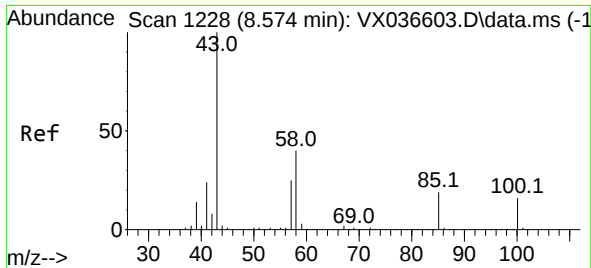
Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Tgt Ion: 98 Resp: 300094
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





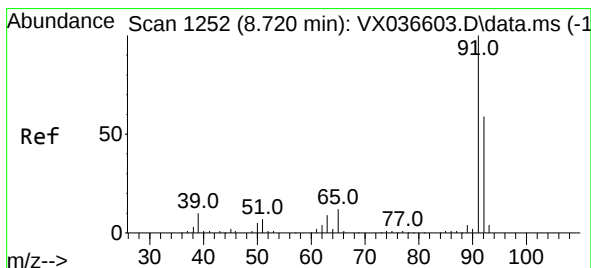
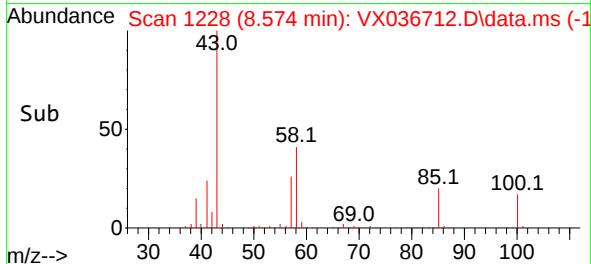
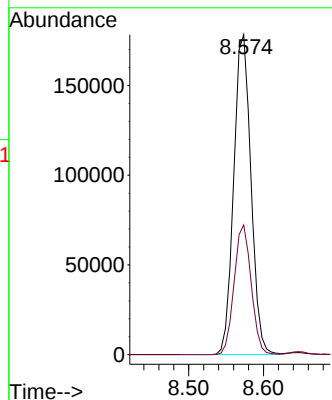
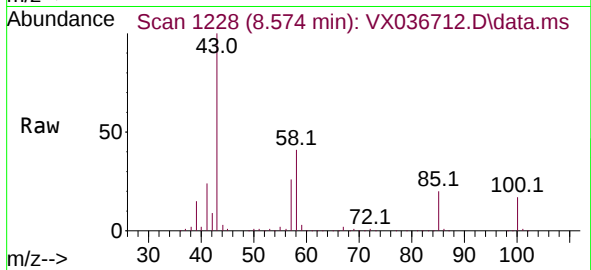
#51
4-Methyl-2-Pentanone
Concen: 100.519 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 43 Resp: 285314
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

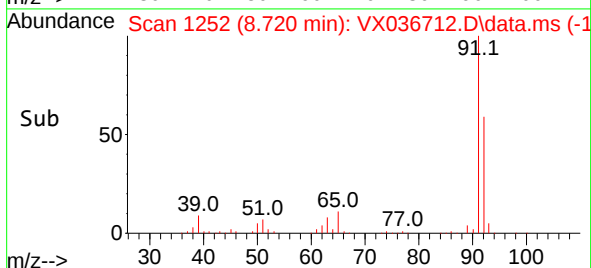
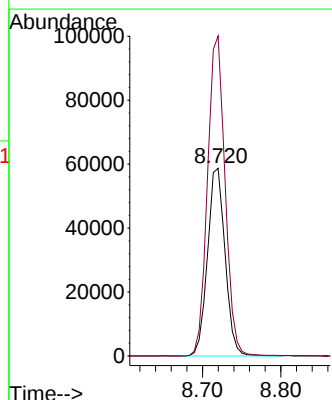
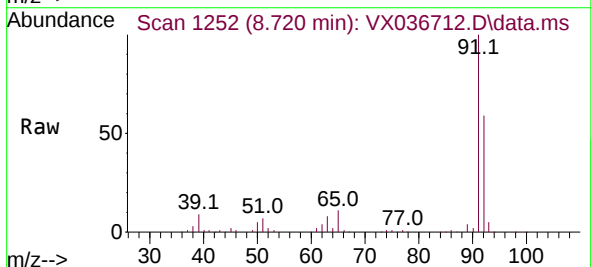
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 19.025 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

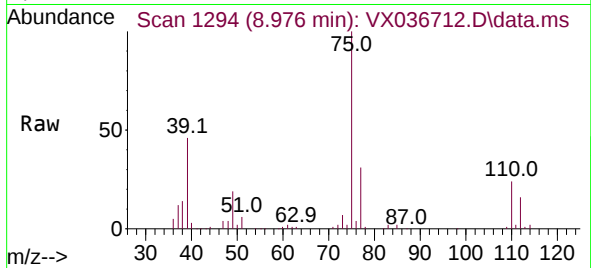
Tgt Ion: 92 Resp: 91305
Ion Ratio Lower Upper
92 100
91 170.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 19.067 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

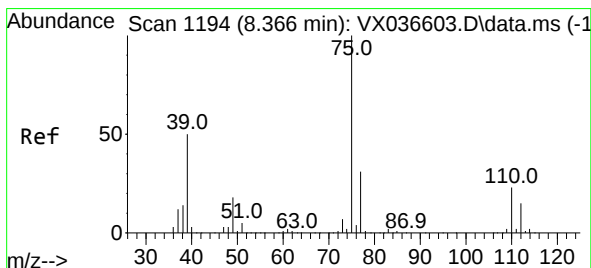
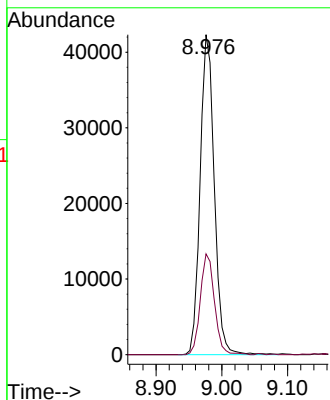
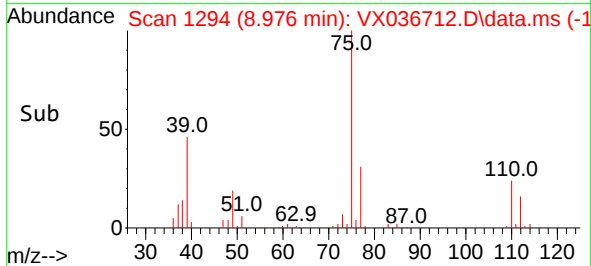
Instrument : MSVOA_X
ClientSampleId : VX0731WBSD01



Tgt Ion: 75 Resp: 63309
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

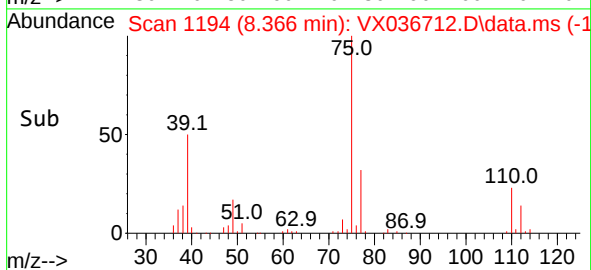
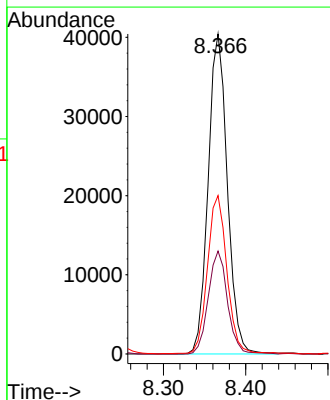
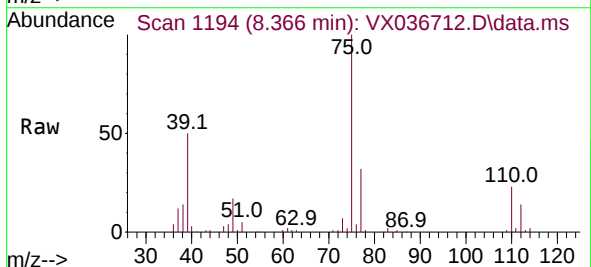
Manual Integrations
APPROVED

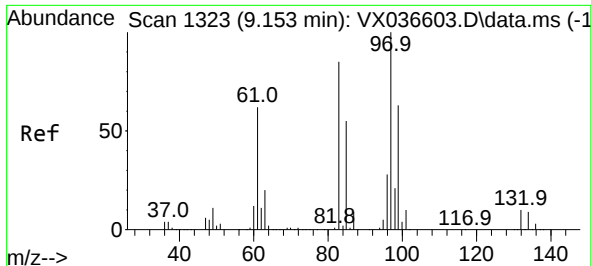
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
cis-1,3-Dichloropropene
Concen: 18.699 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

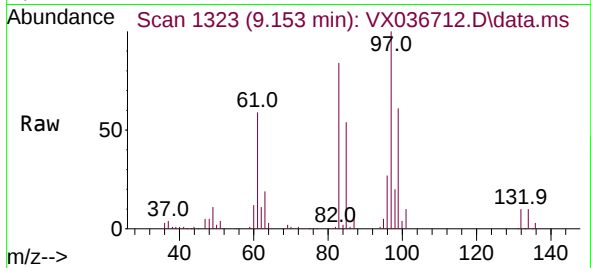
Tgt Ion: 75 Resp: 65515
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 49.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.666 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

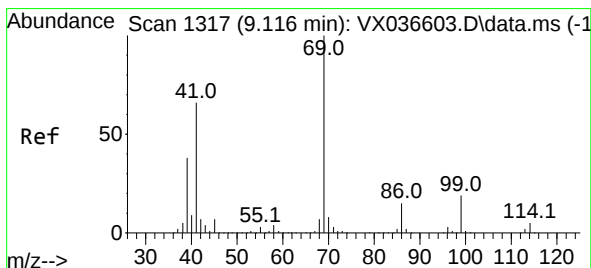
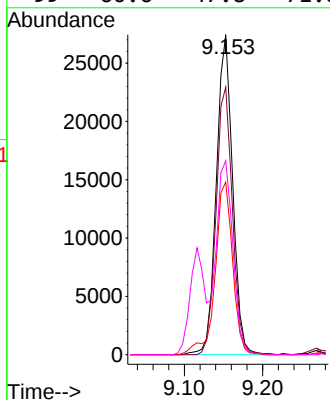
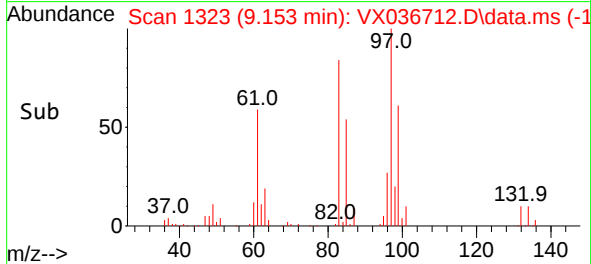
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



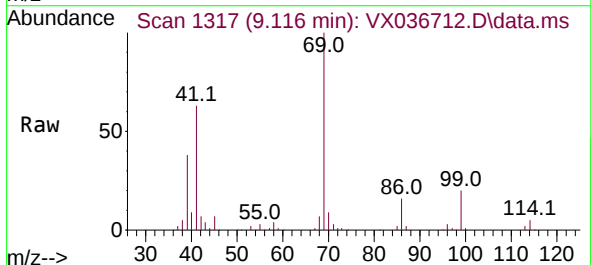
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.8	98.8
85	54.0	41.6	62.4
99	60.6	47.8	71.8

Manual Integrations
APPROVED

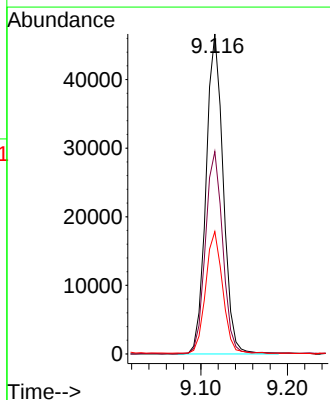
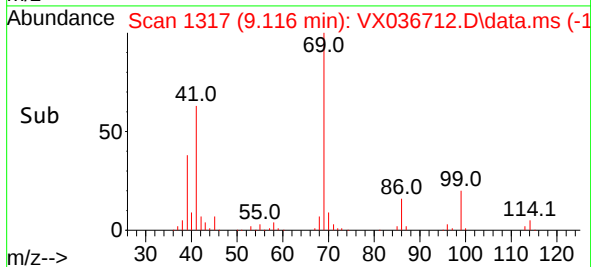
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

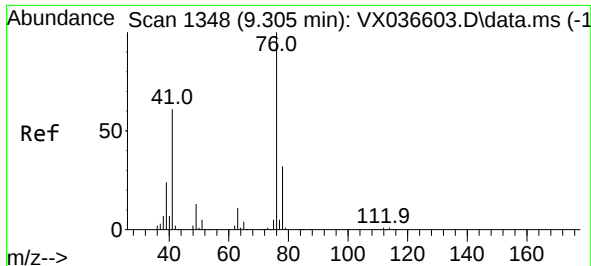


#56
Ethyl methacrylate
Concen: 19.529 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	56.8	85.2
39	37.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.845 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion: 76 Resp: 6668

Ion Ratio Lower Upper

76 100

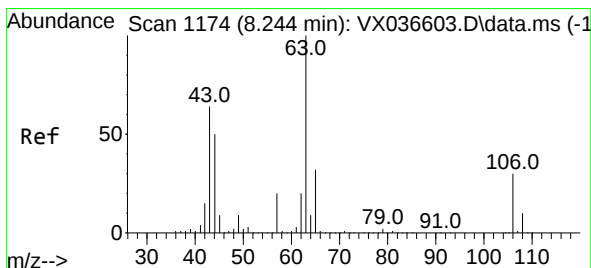
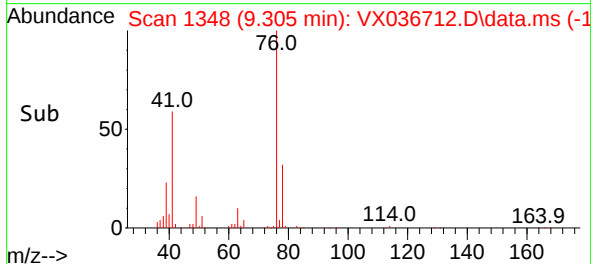
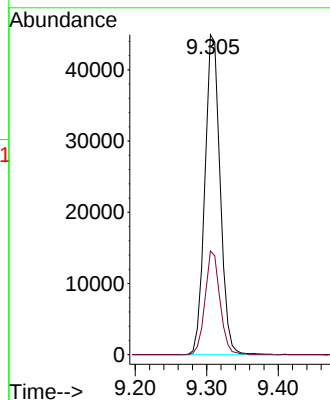
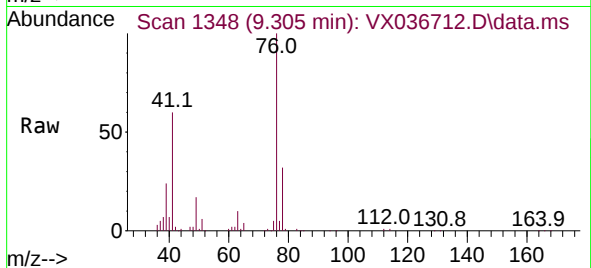
78 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.942 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036712.D

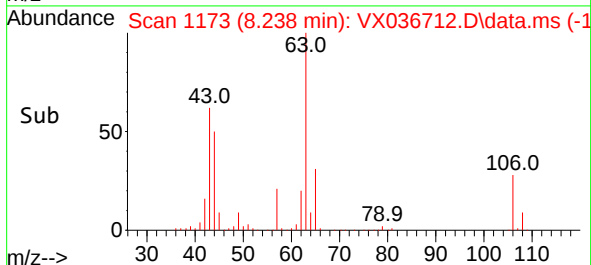
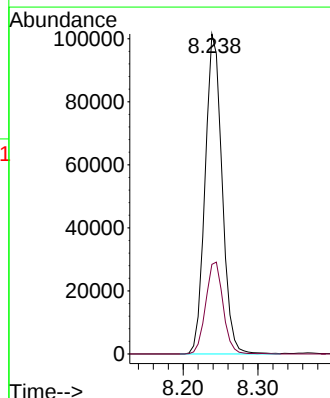
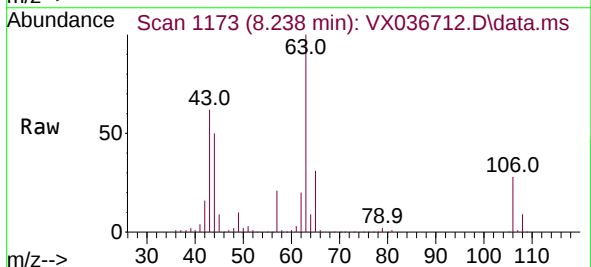
Acq: 31 Jul 2023 11:59

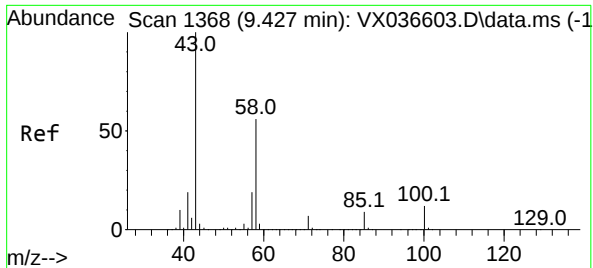
Tgt Ion: 63 Resp: 160152

Ion Ratio Lower Upper

63 100

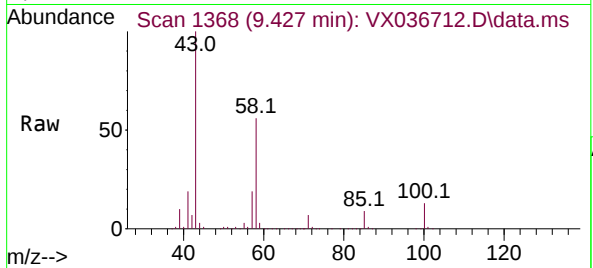
106 29.4 22.5 33.7





#59
2-Hexanone
Concen: 102.313 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

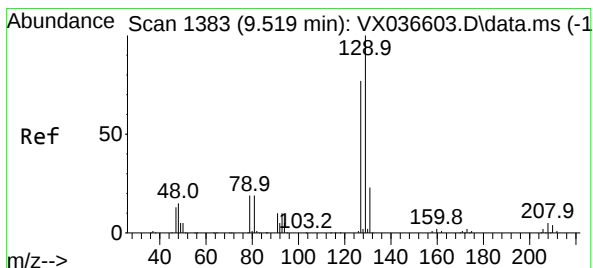
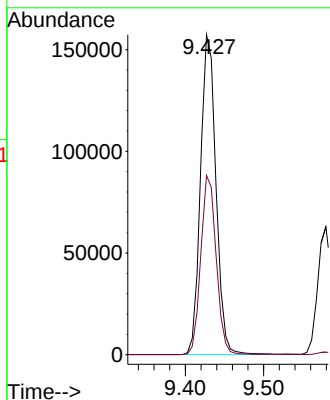
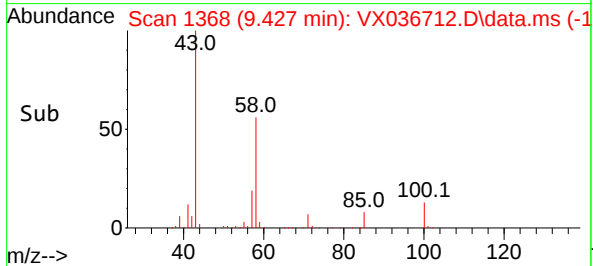
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 43 Resp: 215529
Ion Ratio Lower Upper
43 100
58 55.8 26.2 78.5

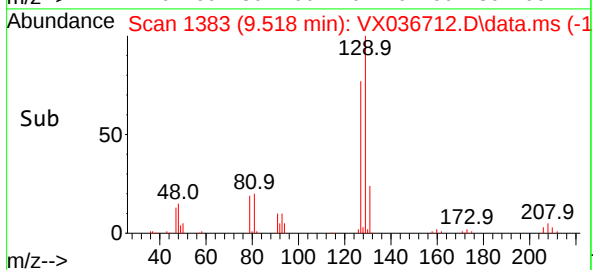
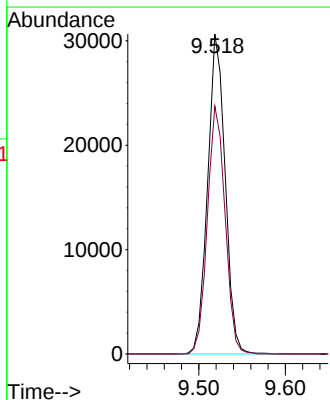
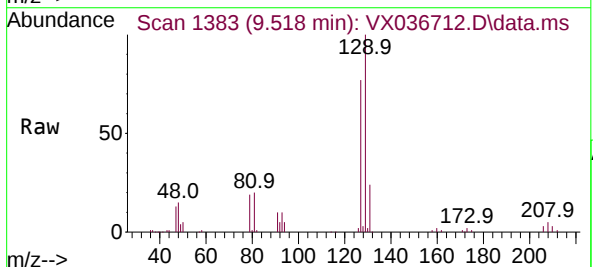
Manual Integrations
APPROVED

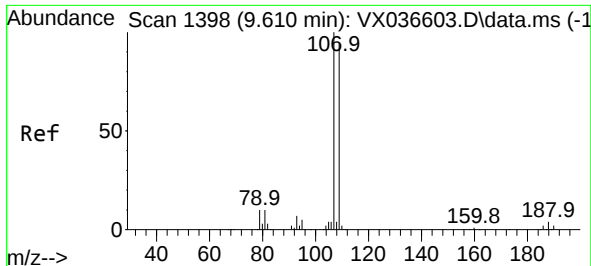
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 19.393 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

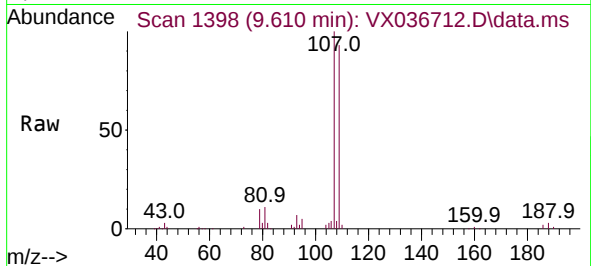
Tgt Ion:129 Resp: 43001
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.856 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

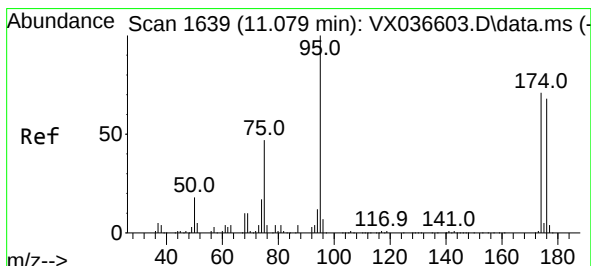
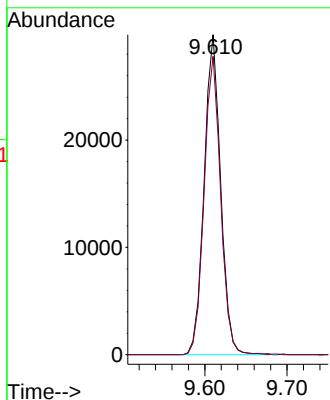
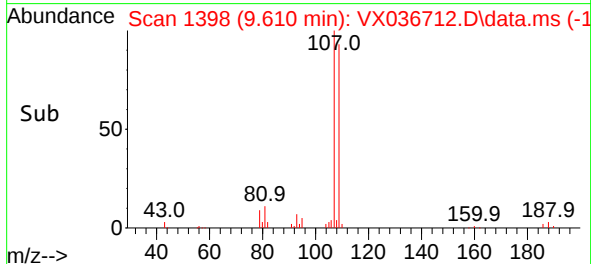
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:107 Resp: 41510
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

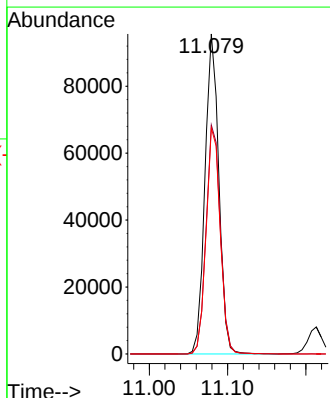
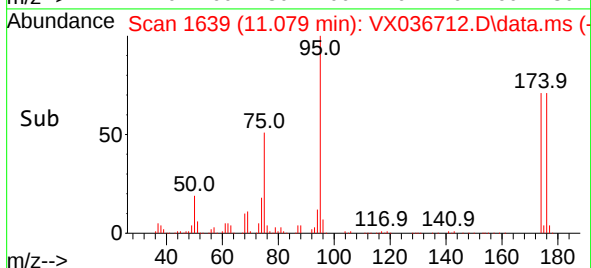
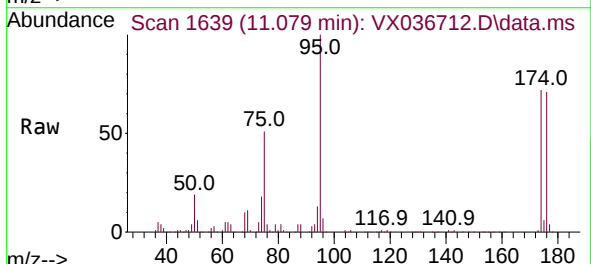
Manual Integrations
APPROVED

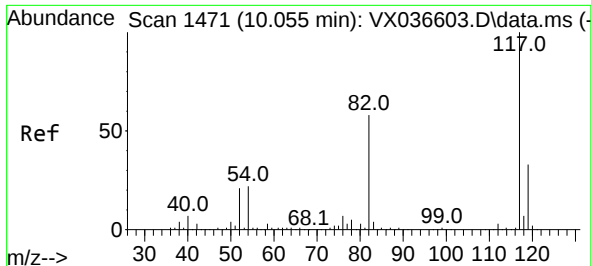
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

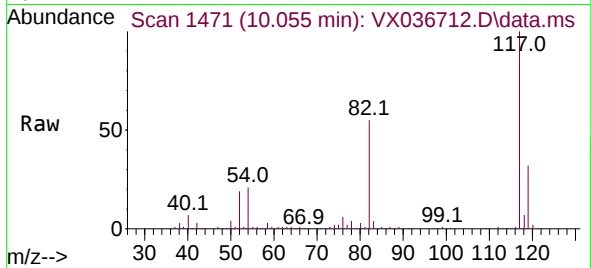
Tgt Ion: 95 Resp: 116997
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 72.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

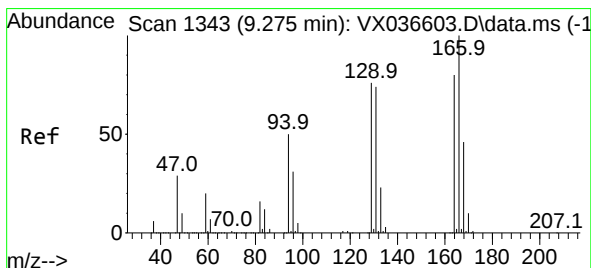
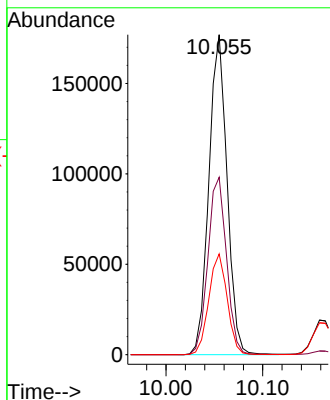
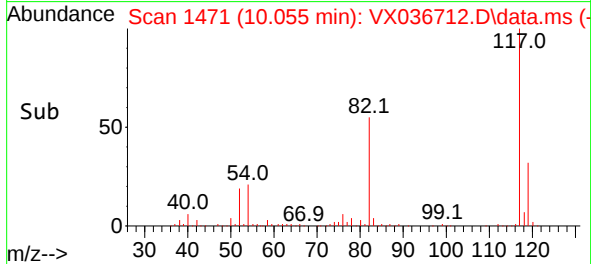
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion:117 Resp: 23056
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.5 25.5 38.3

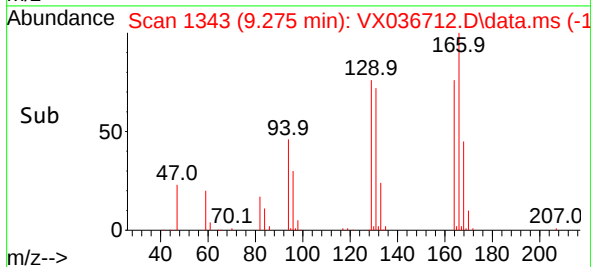
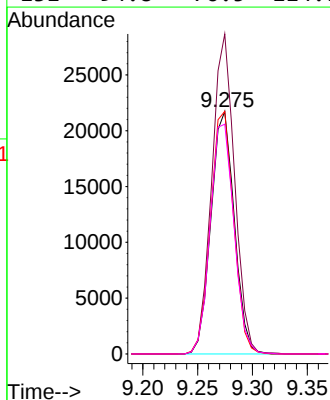
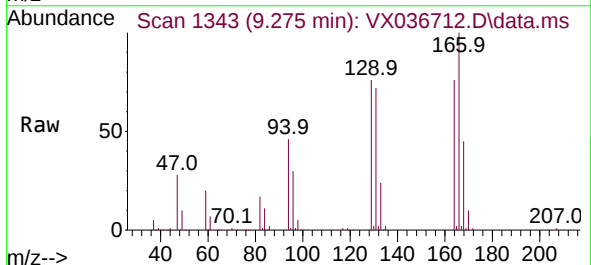
Manual Integrations
APPROVED

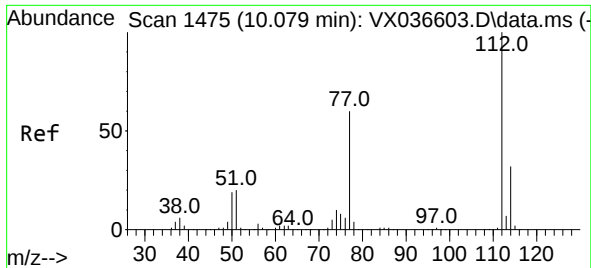
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
Tetrachloroethene
Concen: 18.661 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:164 Resp: 32091
Ion Ratio Lower Upper
164 100
166 132.0 102.7 154.1
129 100.0 80.4 120.6
131 94.8 76.5 114.7





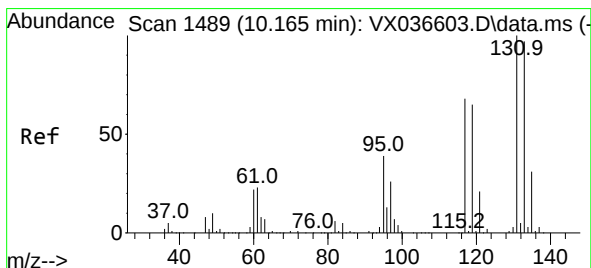
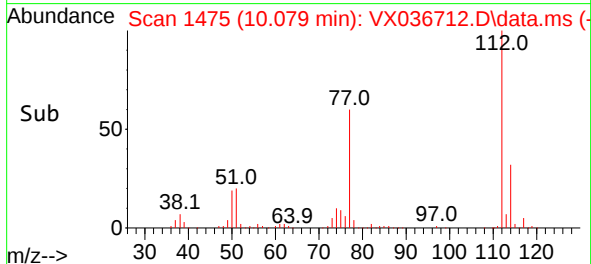
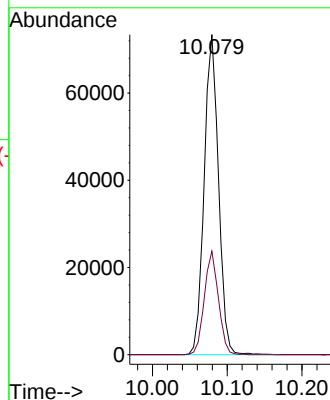
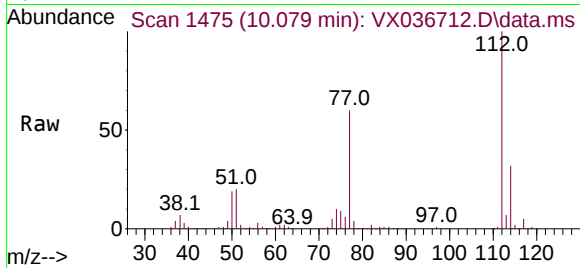
#65
Chlorobenzene
Concen: 19.232 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:112 Resp: 9774
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

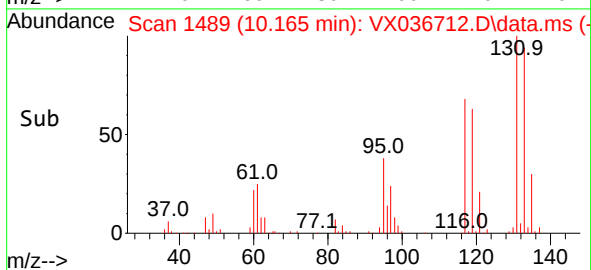
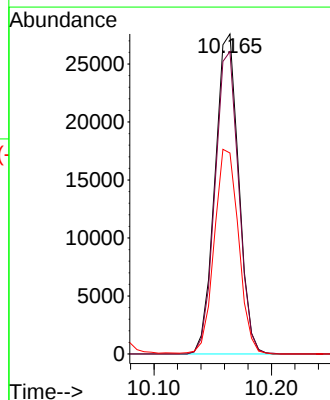
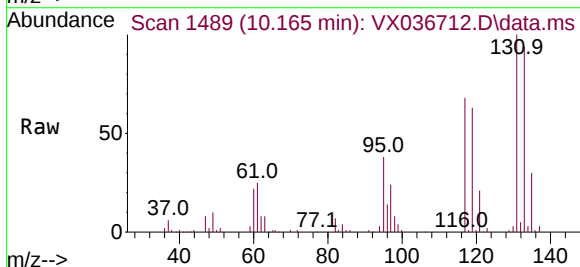
Manual Integrations
APPROVED

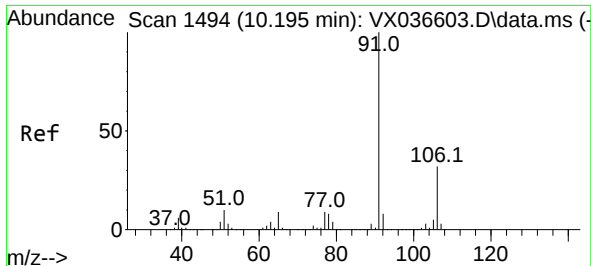
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.694 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

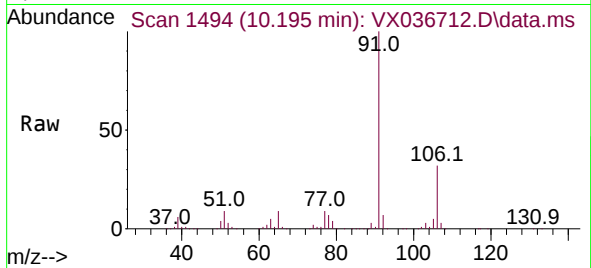
Tgt Ion:131 Resp: 38685
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 18.985 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

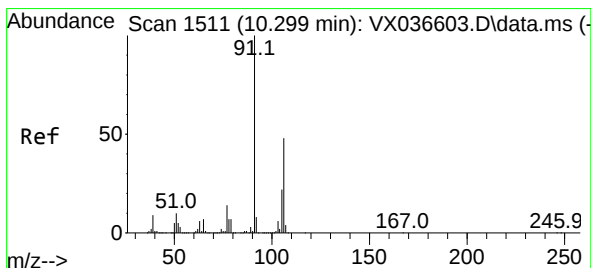
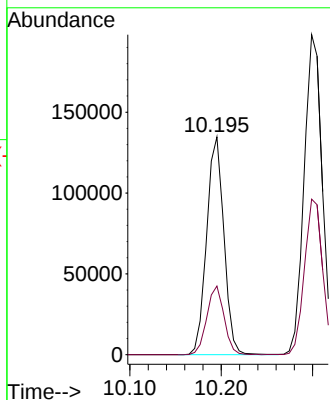
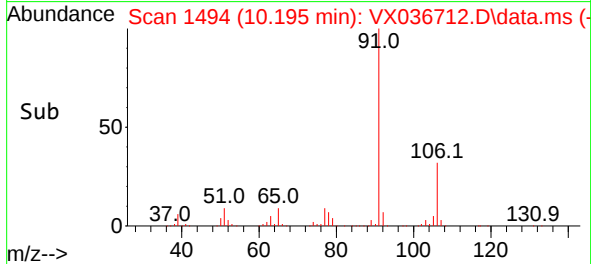
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



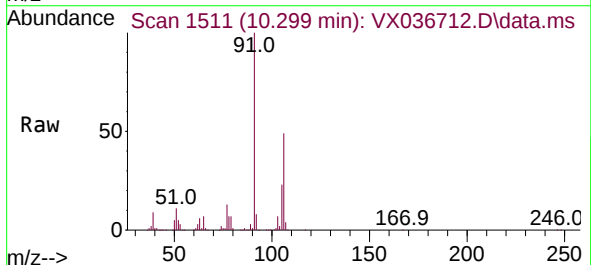
Tgt Ion: 91 Resp: 17626
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

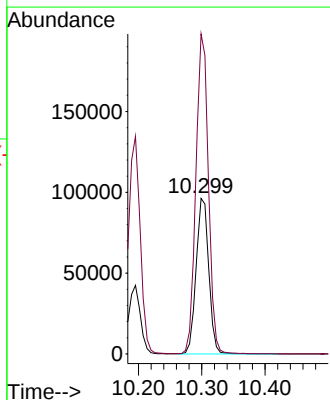
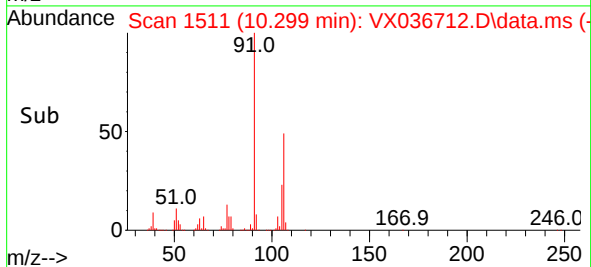
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

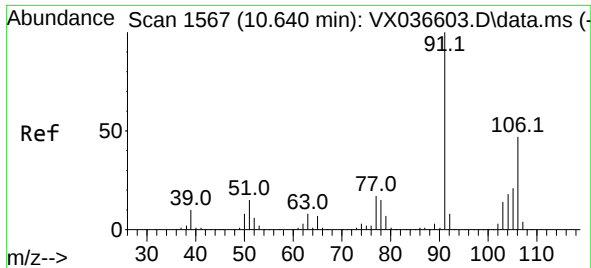


#68
m/p-Xylenes
Concen: 38.723 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion:106 Resp: 134139
Ion Ratio Lower Upper
106 100
91 204.3 165.5 248.3





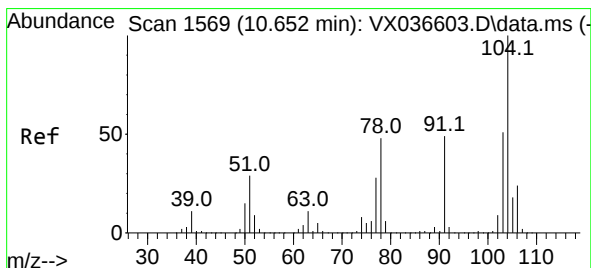
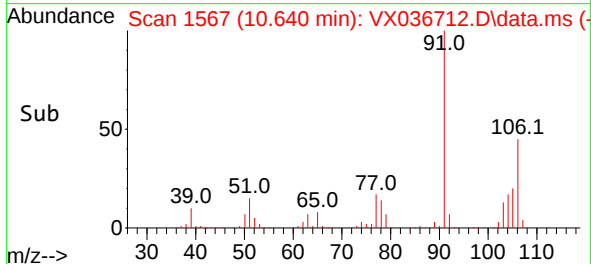
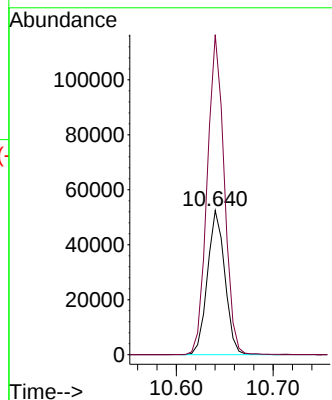
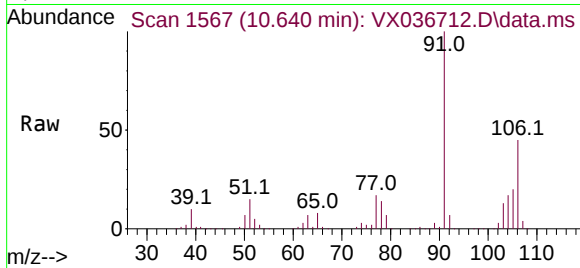
#69
o-Xylene
Concen: 19.044 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:106 Resp: 65848
Ion Ratio Lower Upper
106 100
91 217.5 108.9 326.8

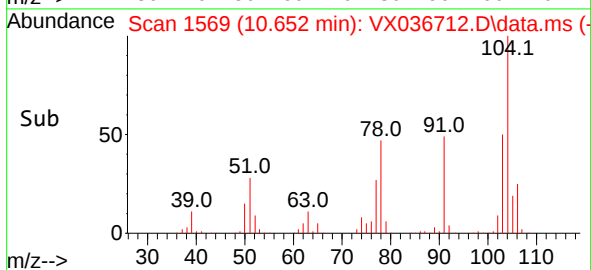
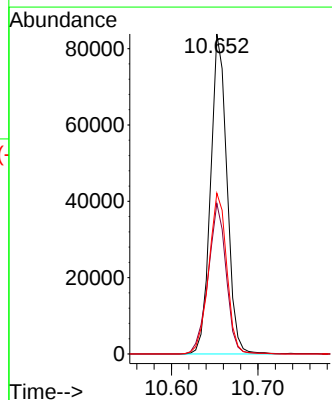
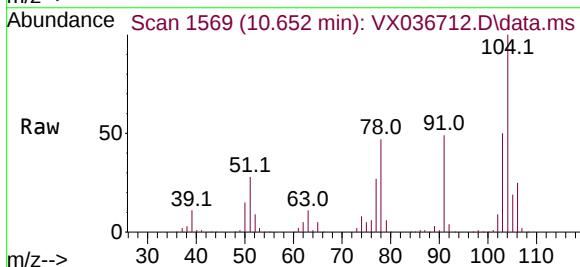
Manual Integrations
APPROVED

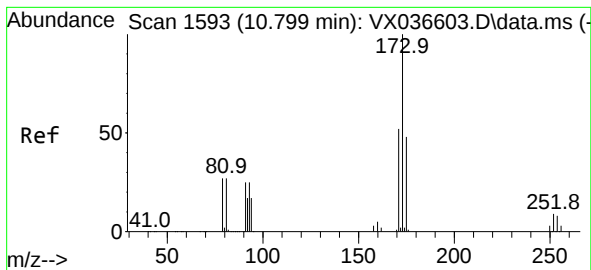
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 19.343 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:104 Resp: 110346
Ion Ratio Lower Upper
104 100
78 51.6 43.6 65.4
103 55.3 43.6 65.4





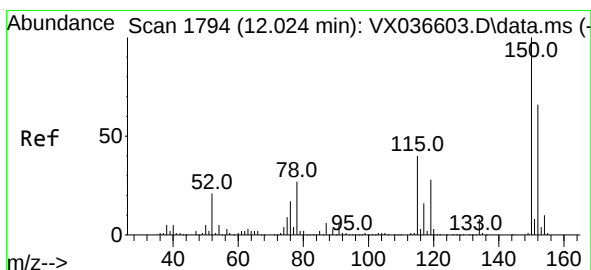
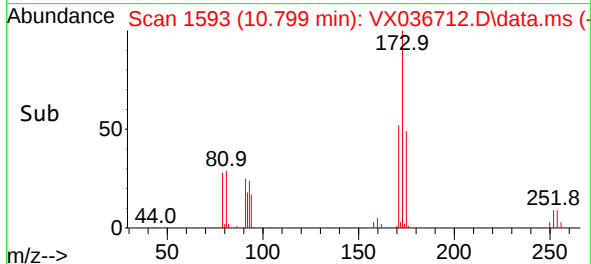
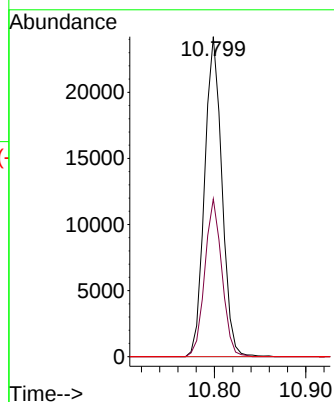
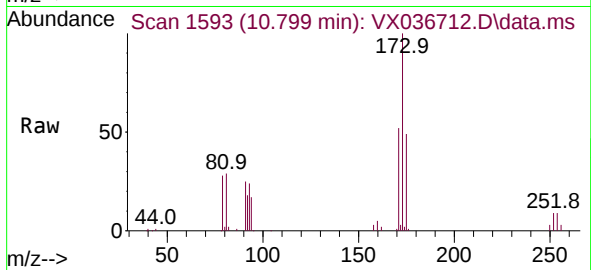
#71
Bromoform
Concen: 20.034 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:173 Resp: 31850
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.0 0.0

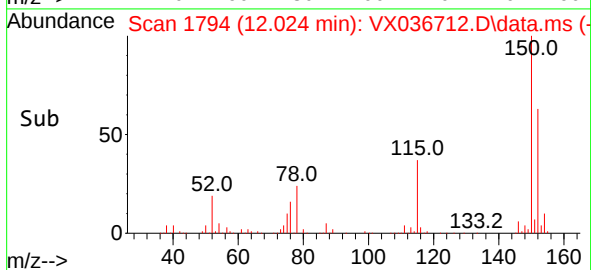
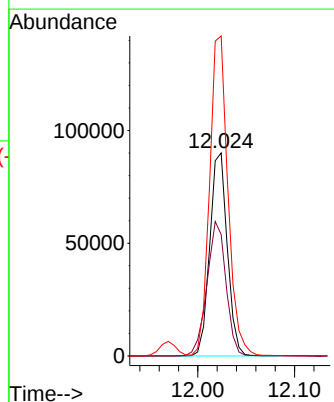
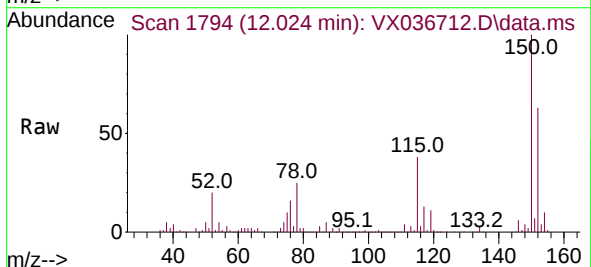
Manual Integrations
APPROVED

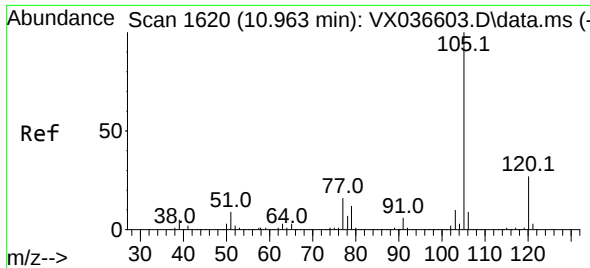
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:152 Resp: 113558
Ion Ratio Lower Upper
152 100
115 72.0 43.3 129.9
150 164.9 0.0 345.0





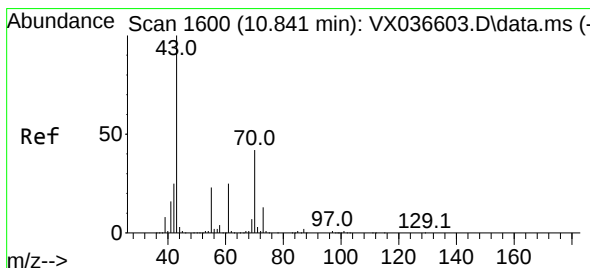
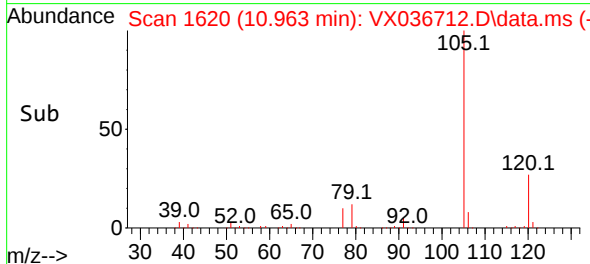
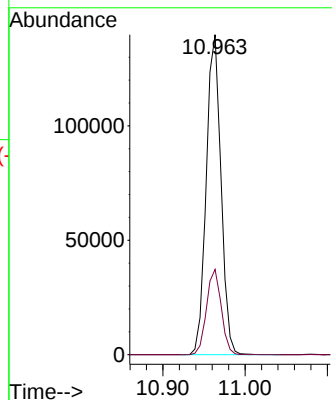
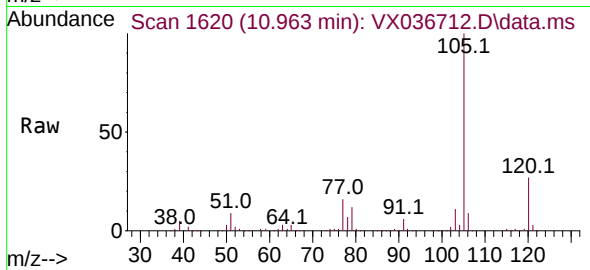
#73
Isopropylbenzene
Concen: 18.481 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion:105 Resp: 17368
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

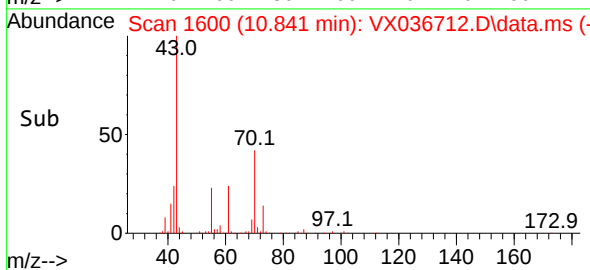
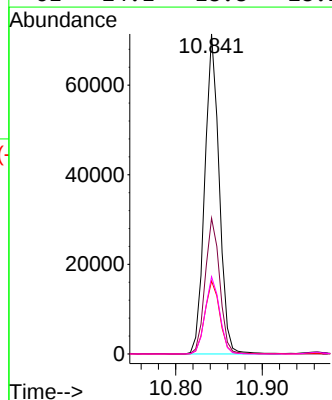
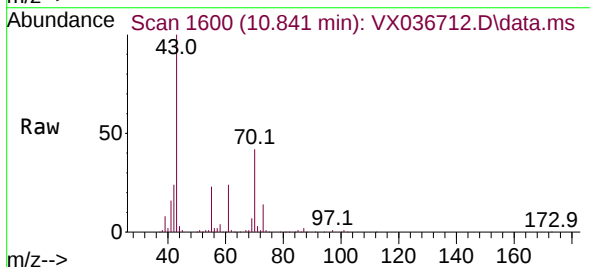
Manual Integrations
APPROVED

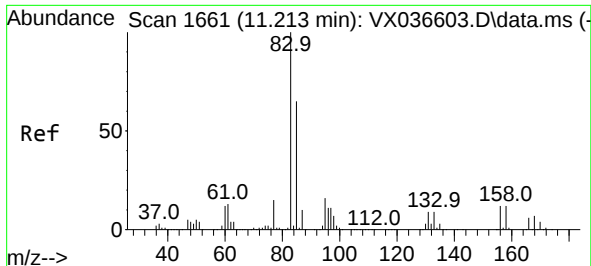
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#74
N-ethyl acetate
Concen: 18.867 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 43 Resp: 82686
Ion Ratio Lower Upper
43 100
70 42.7 32.9 49.3
55 23.5 19.3 28.9
61 24.1 18.8 28.2





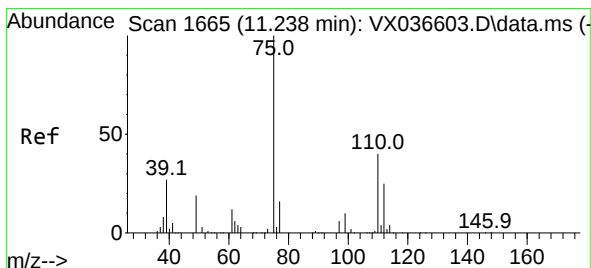
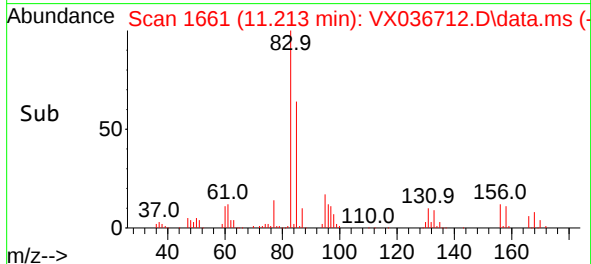
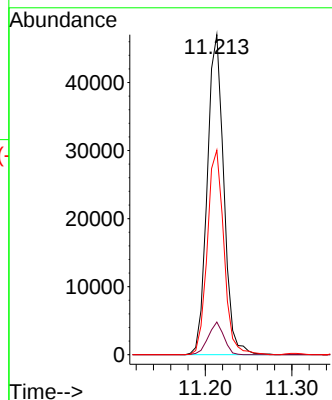
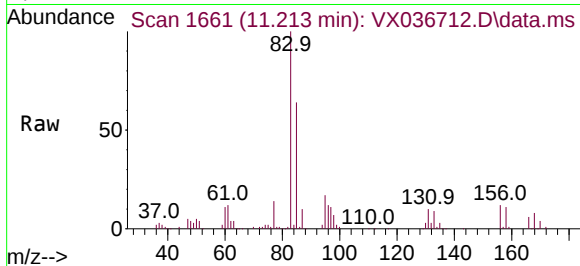
#75
1,1,2,2-Tetrachloroethane
Concen: 19.633 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 83 Resp: 6231
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.2 32.0 96.2

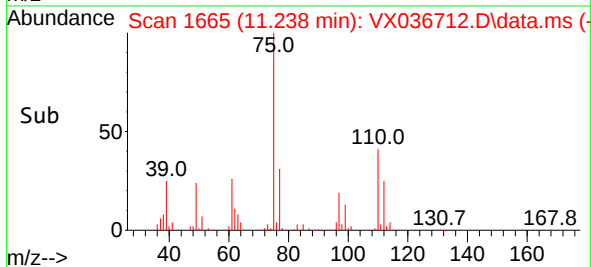
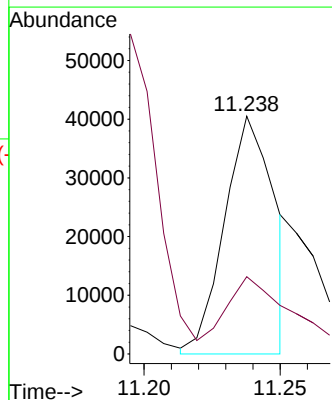
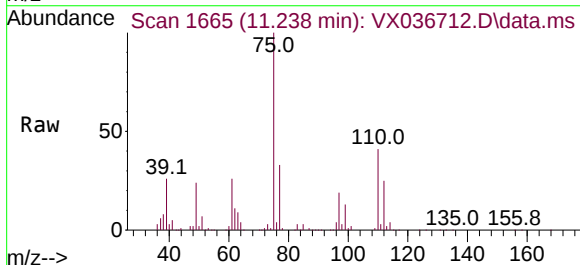
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,2,3-Trichloropropane
Concen: 19.280 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 75 Resp: 51496
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





#77

Bromobenzene

Concen: 19.029 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

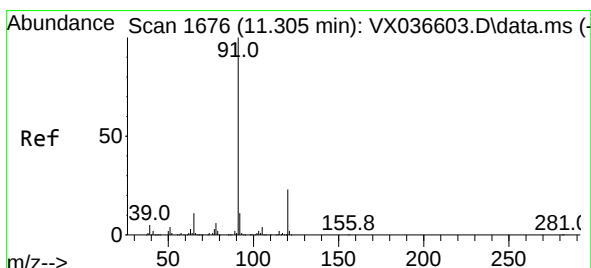
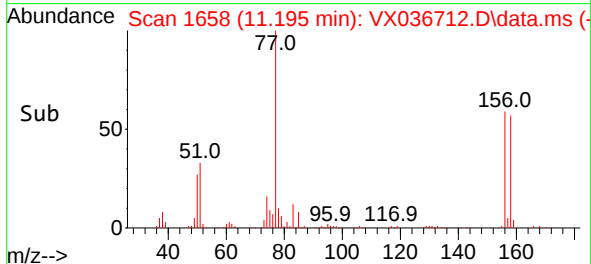
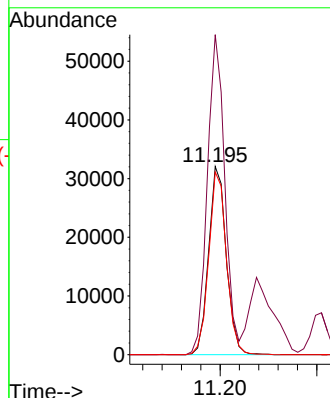
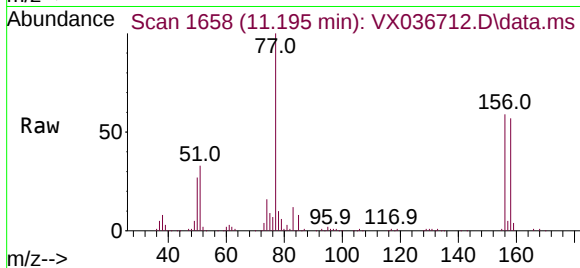
Tgt Ion:	156	Resp:	40720
Ion Ratio	Lower	Upper	
156	100		
77	167.4	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#78

n-propylbenzene

Concen: 18.649 ug/l

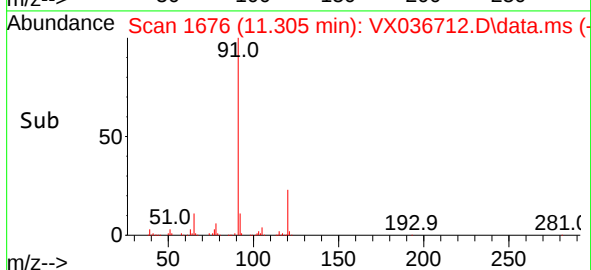
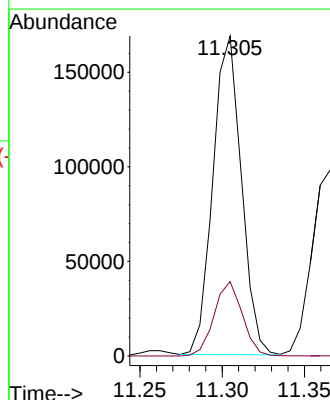
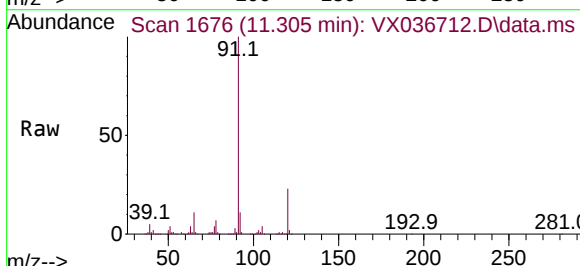
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Tgt Ion:	91	Resp:	202688
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





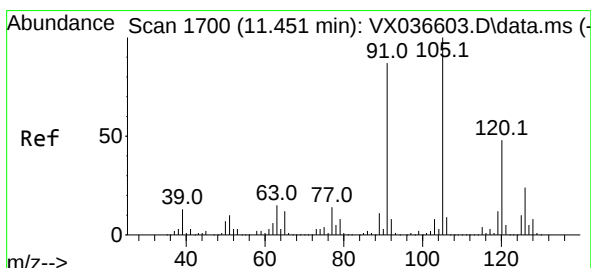
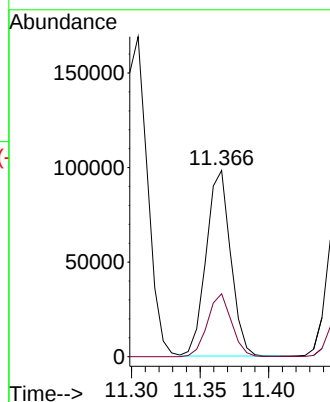
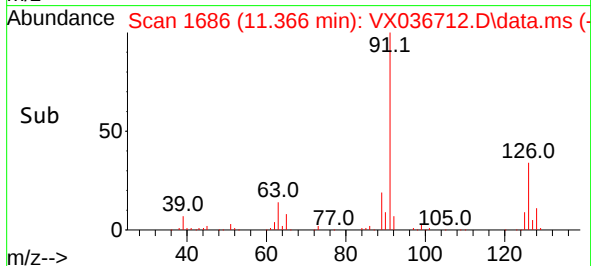
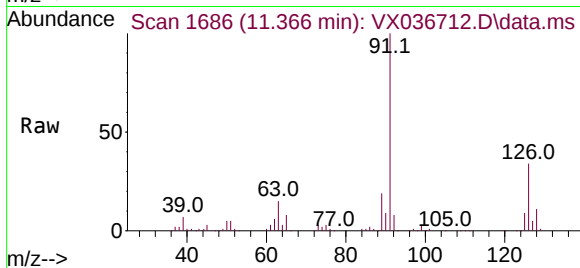
#79
2-Chlorotoluene
Concen: 18.576 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 91 Resp: 122340
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

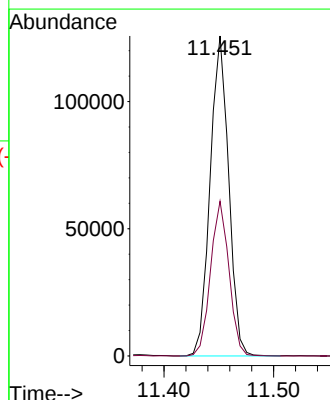
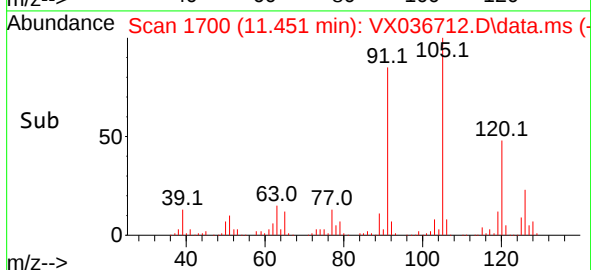
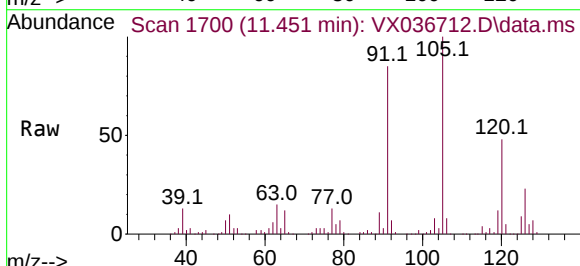
Manual Integrations
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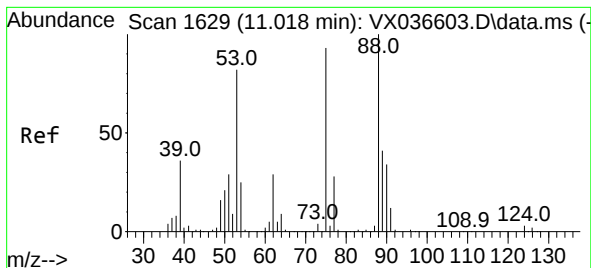
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.768 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion:105 Resp: 147556
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





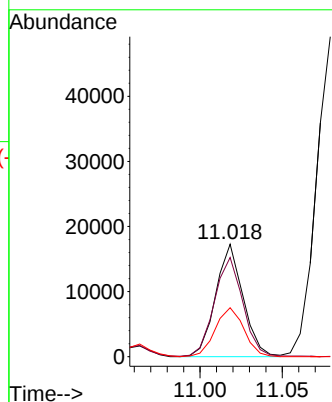
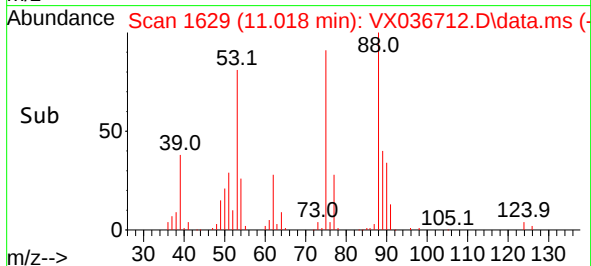
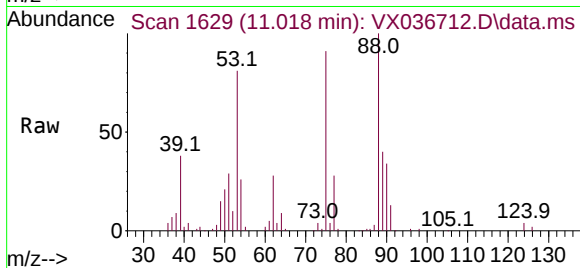
#81
trans-1,4-Dichloro-2-butene
Concen: 17.039 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tgt Ion: 75 Resp: 20079
Ion Ratio Lower Upper
75 100
53 91.7 90.5 135.7
89 45.3 36.9 55.3

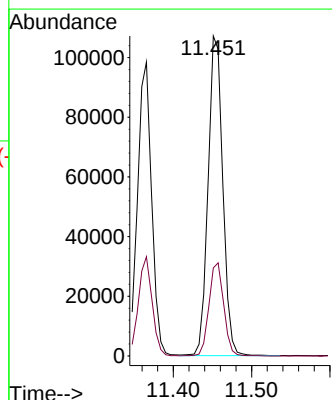
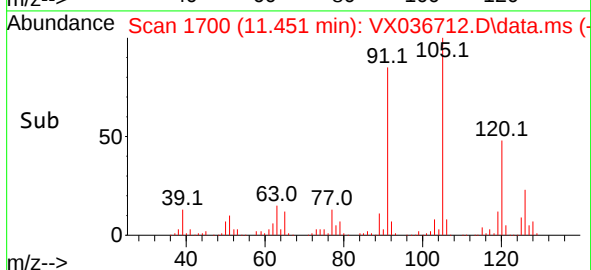
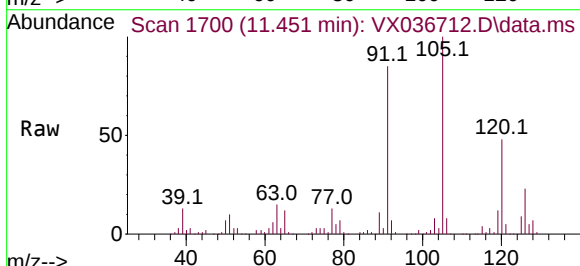
Manual Integrations
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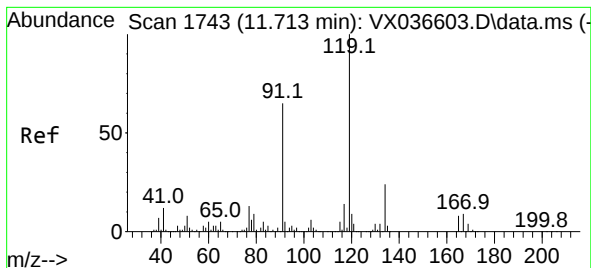
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 18.559 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

Tgt Ion: 91 Resp: 139270
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.978 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion:119 Resp: 146580

Ion Ratio Lower Upper

119 100

91 59.8 31.2 93.6

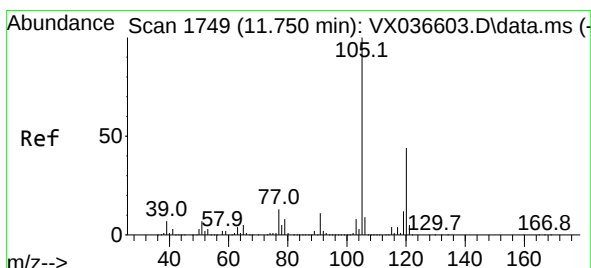
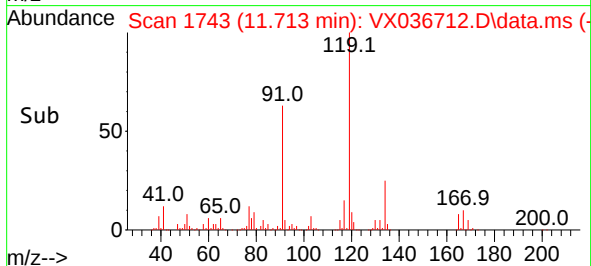
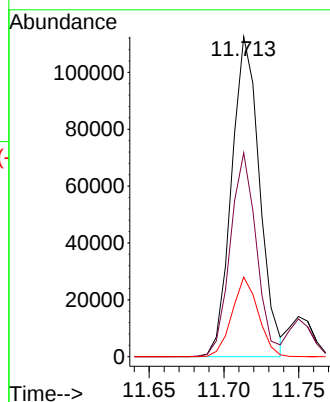
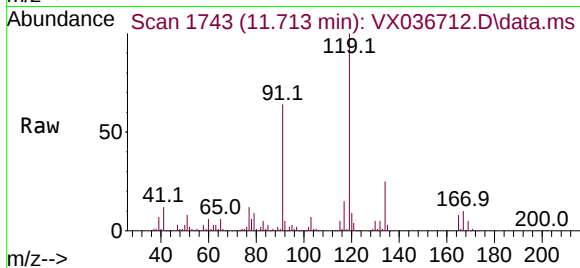
134 23.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.768 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036712.D

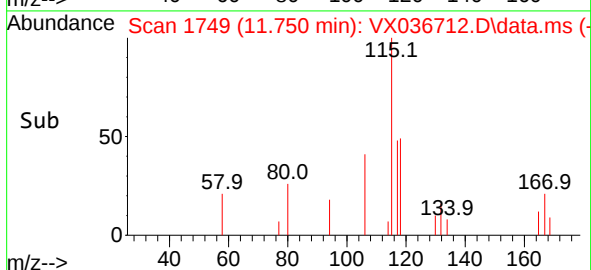
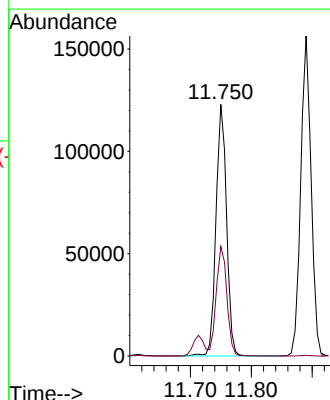
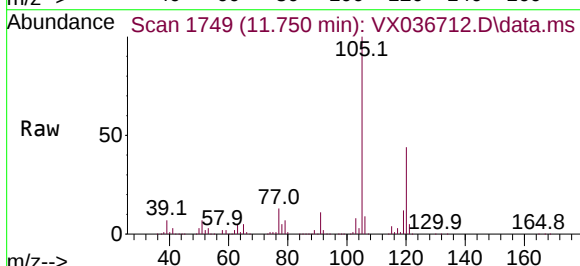
Acq: 31 Jul 2023 11:59

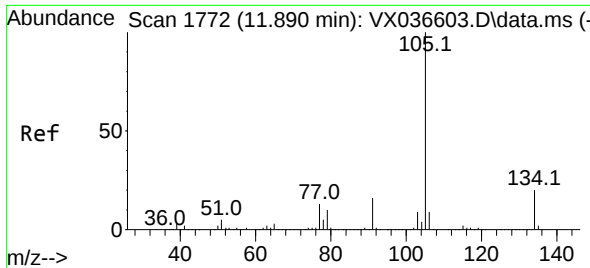
Tgt Ion:105 Resp: 147571

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6





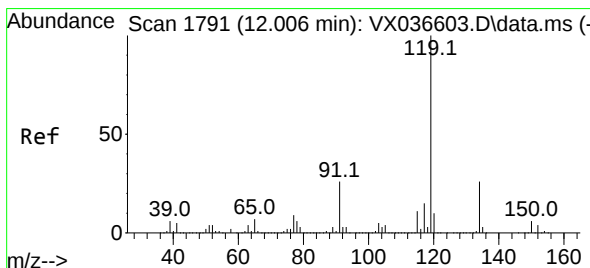
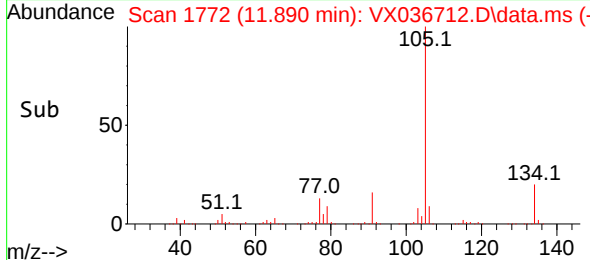
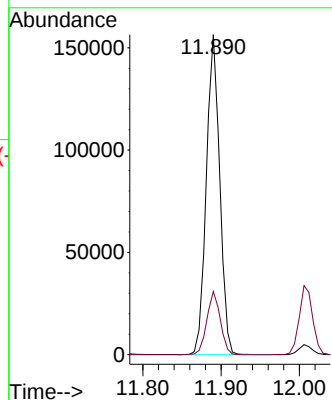
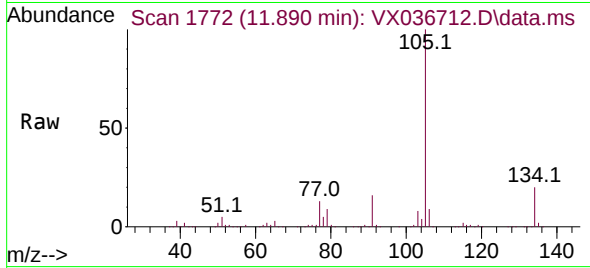
#85
 sec-Butylbenzene
 Concen: 19.216 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036712.D
 Acq: 31 Jul 2023 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tgt Ion:105 Resp: 18509
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

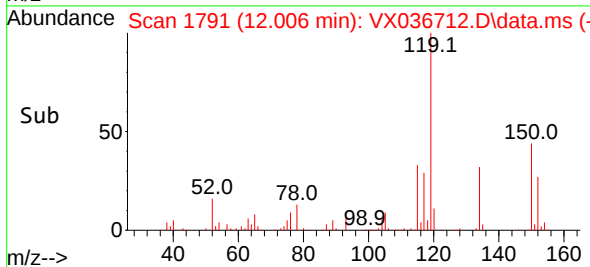
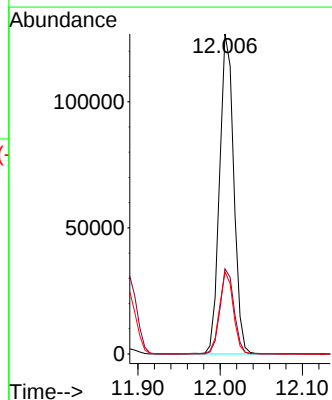
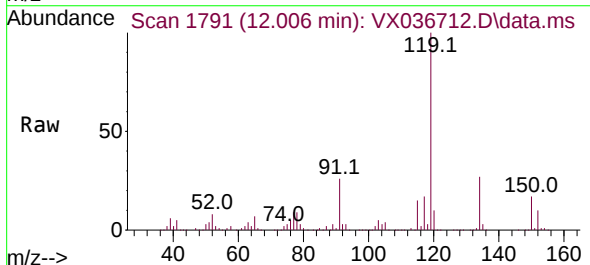
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#86
 p-Isopropyltoluene
 Concen: 19.232 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036712.D
 Acq: 31 Jul 2023 11:59

Tgt Ion:119 Resp: 152429
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.555 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tgt Ion:146 Resp: 7751

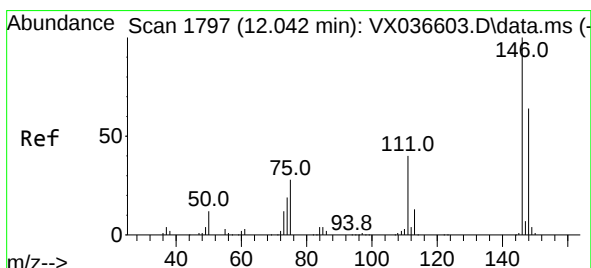
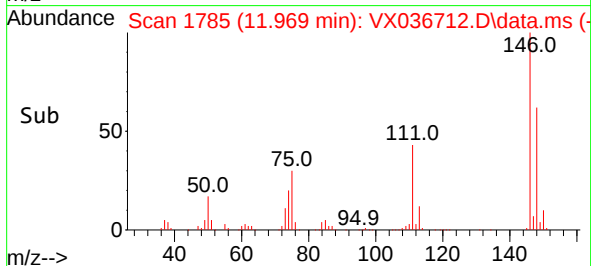
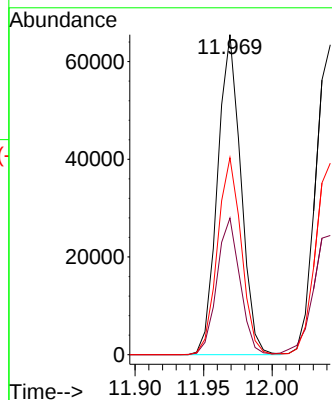
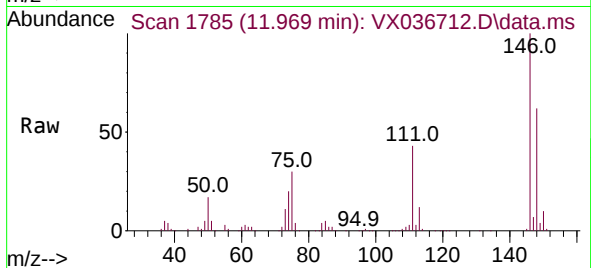
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.1	66.1
148	62.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#88

1,4-Dichlorobenzene

Concen: 20.075 ug/l

RT: 12.042 min Scan# 1797

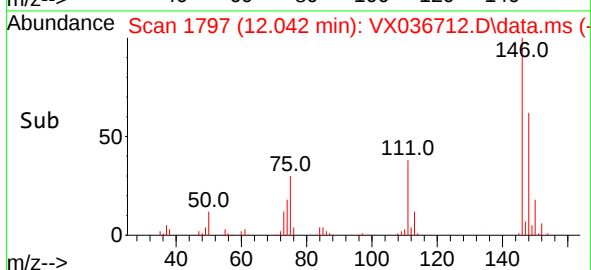
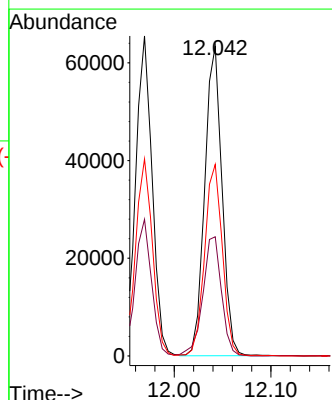
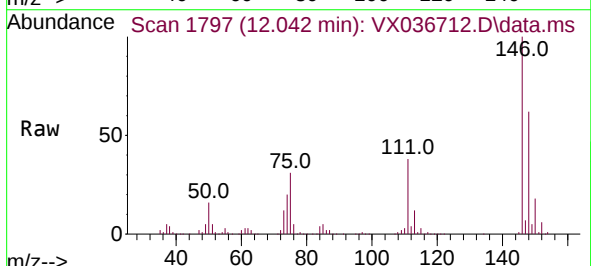
Delta R.T. -0.000 min

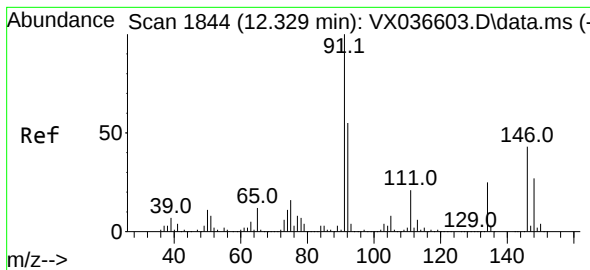
Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Tgt Ion:146 Resp: 78972

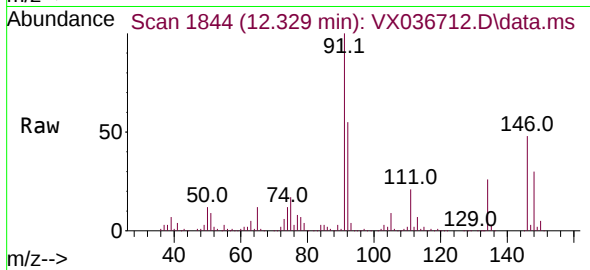
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	63.6	31.8	95.4





#89
n-Butylbenzene
Concen: 18.915 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

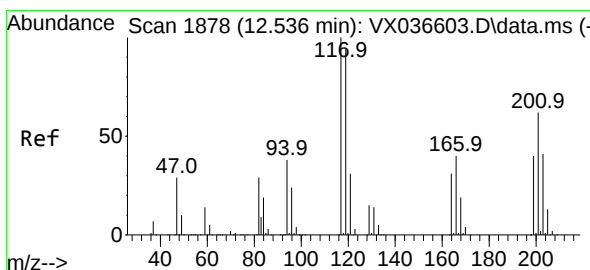
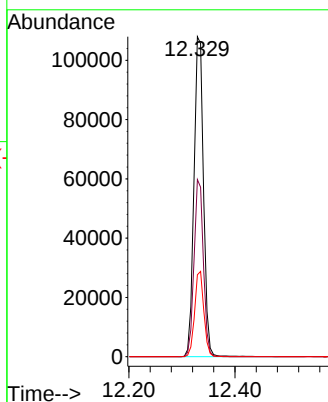
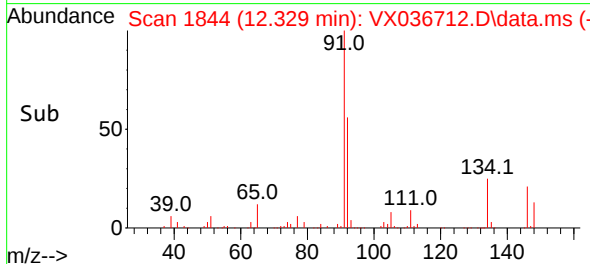
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



Tgt Ion: 91 Resp: 13420
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.8 12.6 37.8

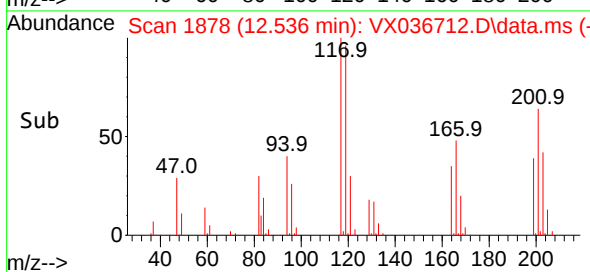
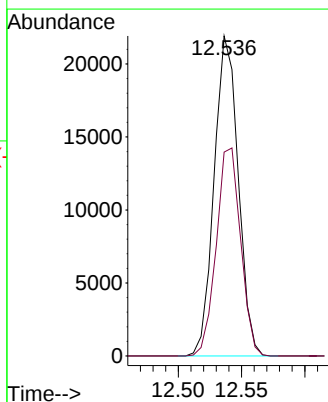
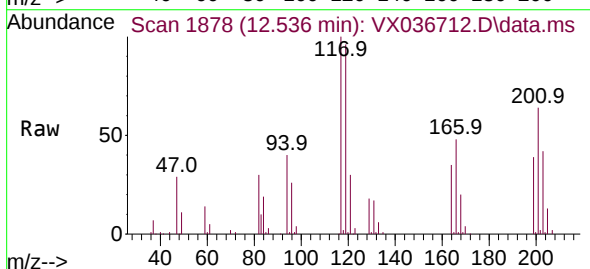
Manual Integrations
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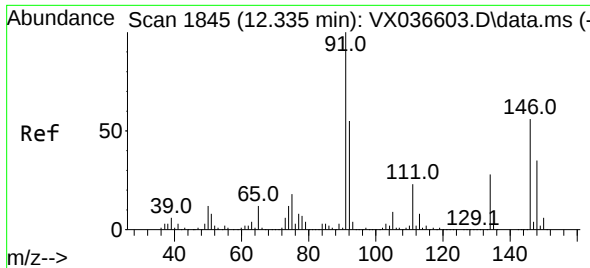
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#90
Hexachloroethane
Concen: 18.028 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

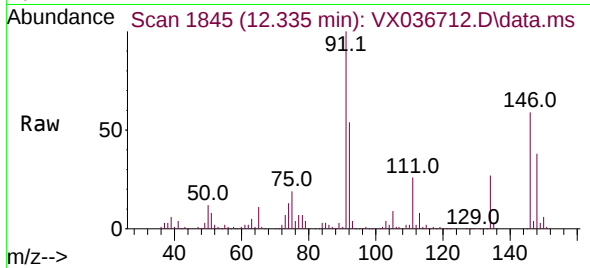
Tgt Ion:117 Resp: 28967
Ion Ratio Lower Upper
117 100
201 65.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.344 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

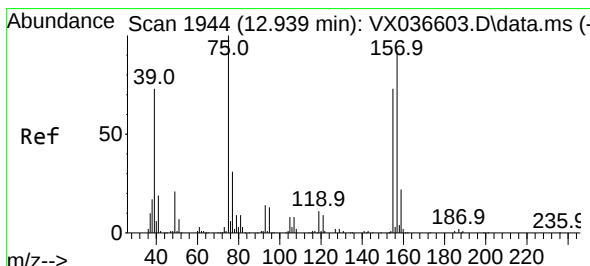
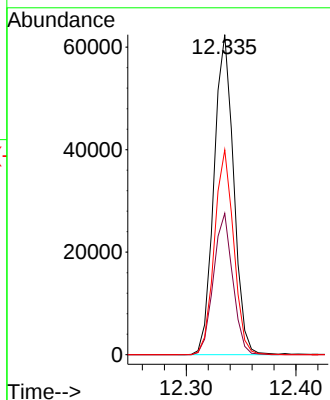
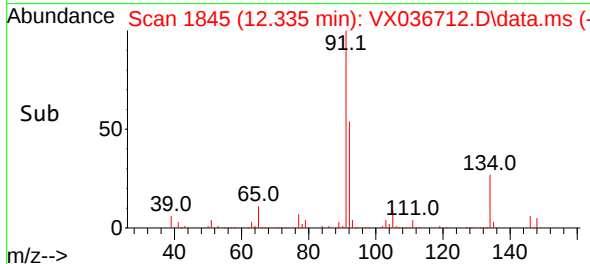
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



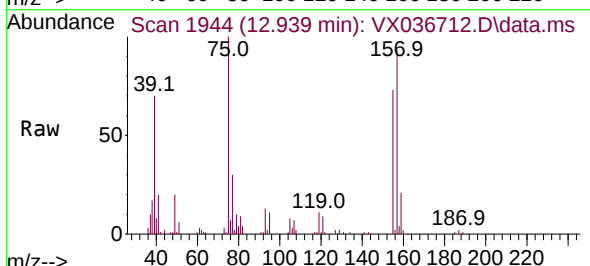
Tgt Ion:146 Resp: 77819
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 62.7 31.6 95.0

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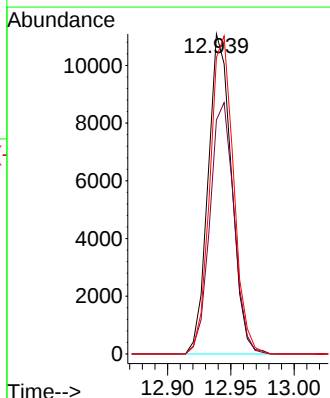
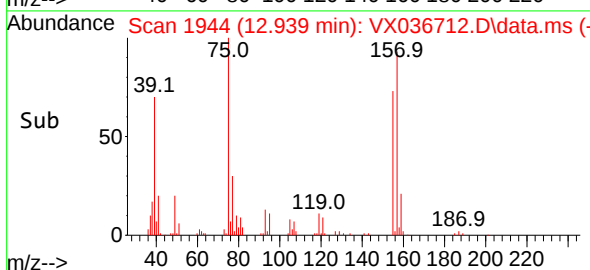
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

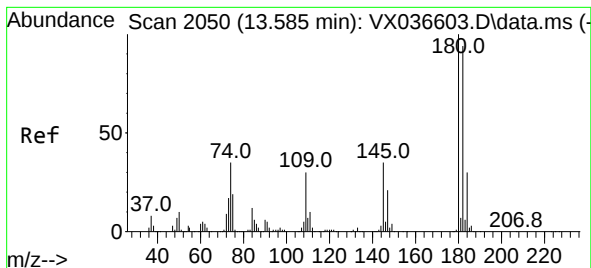


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.330 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion: 75 Resp: 14258
Ion Ratio Lower Upper
75 100
155 80.6 36.1 108.5
157 100.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.256 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

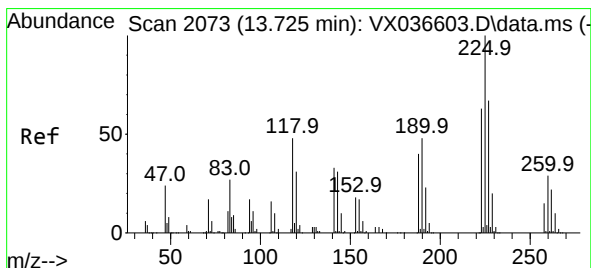
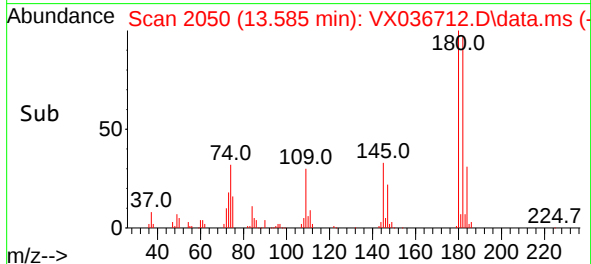
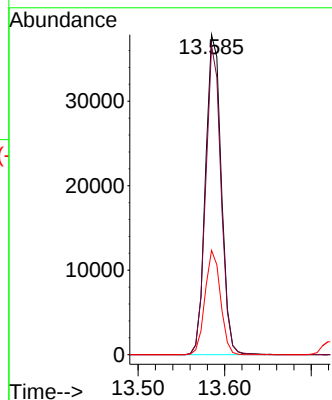
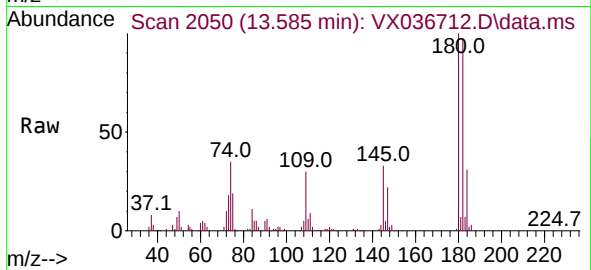
Tgt Ion:180	Resp:	4773
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.3 144.8
145	31.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#94

Hexachlorobutadiene

Concen: 19.067 ug/l

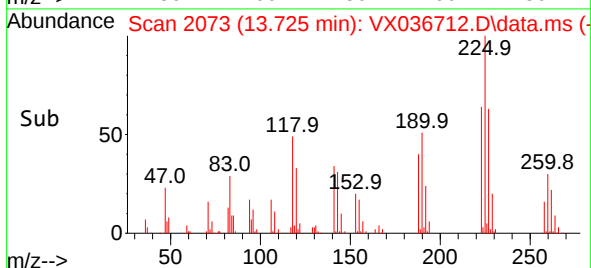
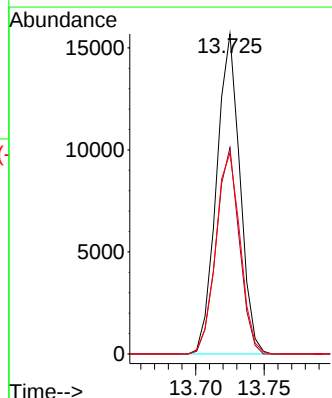
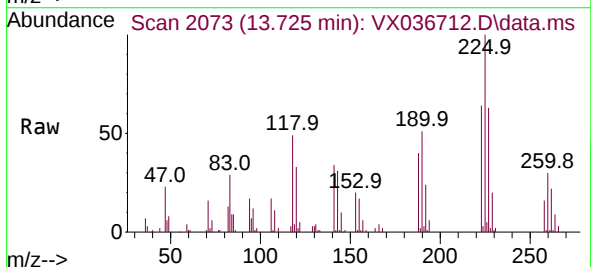
RT: 13.725 min Scan# 2073

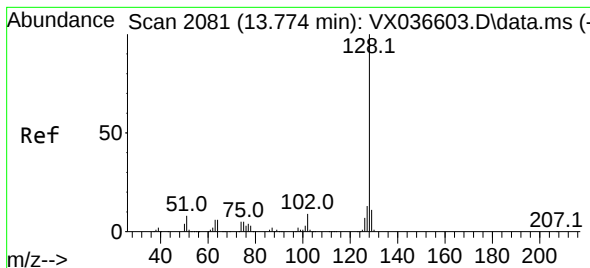
Delta R.T. -0.000 min

Lab File: VX036712.D

Acq: 31 Jul 2023 11:59

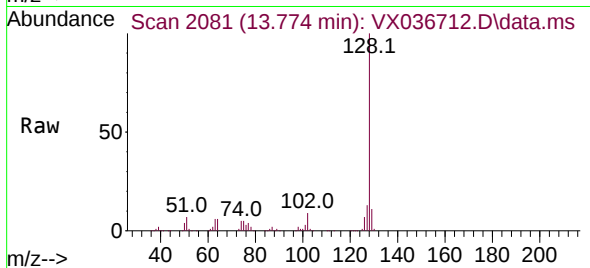
Tgt Ion:225	Resp:	18590
Ion Ratio	Lower	Upper
225	100	
223	63.7	31.1 93.2
227	65.4	32.5 97.5





#95
Naphthalene
Concen: 20.158 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59

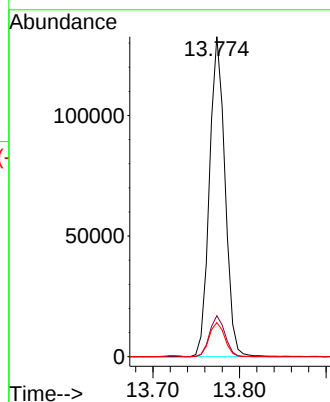
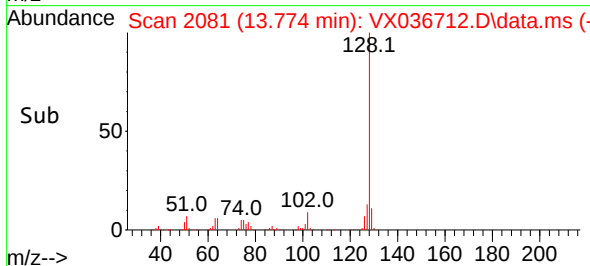
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01



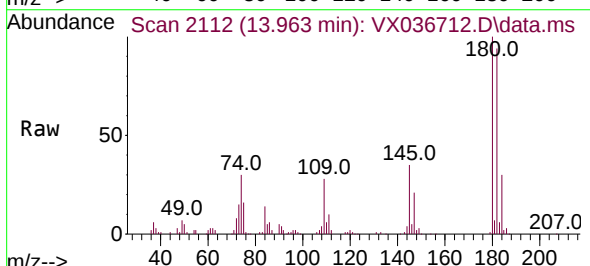
Tgt Ion:128 Resp: 16555
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.245 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036712.D
Acq: 31 Jul 2023 11:59



Tgt Ion:180 Resp: 47025
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 35.1 17.8 53.5

