

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037036.D
 Acq On : 17 Aug 2023 03:37
 Operator : JC/MD
 Sample : VX0816MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBS01

Quant Time: Aug 17 05:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95528	49.113	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	80121	50.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	8.647	98	252589	44.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.660%#		
62) 4-Bromofluorobenzene	11.079	95	105454	49.603	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31983	18.417	ug/l	97
3) Chloromethane	1.300	50	25718	16.283	ug/l	98
4) Vinyl Chloride	1.374	62	29383	18.272	ug/l	99
5) Bromomethane	1.599	94	16718	17.414	ug/l	99
6) Chloroethane	1.685	64	19435	24.858	ug/l	99
7) Trichlorofluoromethane	1.886	101	54915	22.113	ug/l	100
8) Diethyl Ether	2.136	74	20368	21.200	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	30245	20.272	ug/l	97
10) Methyl Iodide	2.453	142	32727	21.119	ug/l	98
11) Tert butyl alcohol	2.959	59	46413	100.793	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28635	19.454	ug/l	90
13) Acrolein	2.239	56	15045	57.250	ug/l	100
14) Allyl chloride	2.666	41	40821	14.083	ug/l #	96
15) Acrylonitrile	3.062	53	89205	96.329	ug/l	99
16) Acetone	2.380	43	79407	98.383	ug/l	91
17) Carbon Disulfide	2.514	76	61094	15.038	ug/l	99
18) Methyl Acetate	2.703	43	63679	18.754	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	116112	20.991	ug/l	96
20) Methylene Chloride	2.788	84	33845	18.855	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	31671	19.252	ug/l	87
22) Diisopropyl ether	3.763	45	98969	17.983	ug/l #	87
23) Vinyl Acetate	3.721	43	368941	87.395	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	59866	19.402	ug/l	98
25) 2-Butanone	4.556	43	121891	93.081	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	34027	11.703	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	38285	19.593	ug/l	89
28) Bromochloromethane	4.897	49	27618	18.507	ug/l #	82
29) Tetrahydrofuran	5.007	42	76412	90.507	ug/l #	84
30) Chloroform	5.092	83	67449	21.366	ug/l	95
31) Cyclohexane	5.470	56	45408	16.861	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	60165	20.800	ug/l	96
36) 1,1-Dichloropropene	5.696	75	45183	19.078	ug/l	98
37) Ethyl Acetate	4.714	43	47112	17.575	ug/l #	95
38) Carbon Tetrachloride	5.672	117	50043	19.875	ug/l	97
39) Methylcyclohexane	7.379	83	46106	15.656	ug/l	93
40) Benzene	6.037	78	132719	19.261	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25646	17.888	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	53624	21.285	ug/l	95
43) Isopropyl Acetate	6.342	43	79332	17.192	ug/l #	94
44) Trichloroethene	7.129	130	36917	20.496	ug/l	95
45) 1,2-Dichloropropane	7.433	63	34302	18.645	ug/l	99
46) Dibromomethane	7.580	93	26263	20.397	ug/l	94
47) Bromodichloromethane	7.824	83	51820	19.607	ug/l	97
48) Methyl methacrylate	7.690	41	37777	17.604	ug/l #	88
49) 1,4-Dioxane	7.659	88	19119	441.021	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	244023	95.562	ug/l	93
52) Toluene	8.720	92	87490	20.264	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	49782	16.665	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	53692	17.034	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	37759	20.805	ug/l	97
56) Ethyl methacrylate	9.116	69	57280	19.382	ug/l	90
57) 1,3-Dichloropropane	9.305	76	61867	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	133347	91.572	ug/l	94
59) 2-Hexanone	9.427	43	183138	96.634	ug/l	92
60) Dibromochloromethane	9.518	129	39979	20.041	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39356	20.923	ug/l	99
64) Tetrachloroethene	9.275	164	32965	21.075	ug/l	96
65) Chlorobenzene	10.079	112	94359	20.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36146	20.231	ug/l	98
67) Ethyl Benzene	10.195	91	166751	19.746	ug/l	99
68) m/p-Xylenes	10.299	106	126541	40.162	ug/l	100
69) o-Xylene	10.640	106	63062	20.051	ug/l	100
70) Styrene	10.652	104	103190	19.887	ug/l	98
71) Bromoform	10.799	173	26767	18.507	ug/l #	100
73) Isopropylbenzene	10.963	105	163089	19.124	ug/l	100
74) N-amyl acetate	10.841	43	64465	16.211	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	55457	19.254	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47086m	19.427	ug/l	
77) Bromobenzene	11.195	156	38839	19.999	ug/l	94
78) n-propylbenzene	11.305	91	180618	18.314	ug/l	100
79) 2-Chlorotoluene	11.366	91	114452	19.151	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	137019	19.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13032	12.187	ug/l	92
82) 4-Chlorotoluene	11.451	91	132560	19.467	ug/l	100
83) tert-Butylbenzene	11.713	119	130724	18.652	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	137132	19.220	ug/l	99
85) sec-Butylbenzene	11.890	105	154426	17.668	ug/l	99
86) p-Isopropyltoluene	12.006	119	129050	17.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70735	19.665	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	72164	20.216	ug/l	99
89) n-Butylbenzene	12.329	91	101464	15.760	ug/l	99
90) Hexachloroethane	12.536	117	22221	15.241	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	70832	20.407	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12198	18.225	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	38669	18.082	ug/l	97
94) Hexachlorobutadiene	13.725	225	15116	17.086	ug/l	95
95) Naphthalene	13.774	128	149476	20.058	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	39614	18.795	ug/l	99

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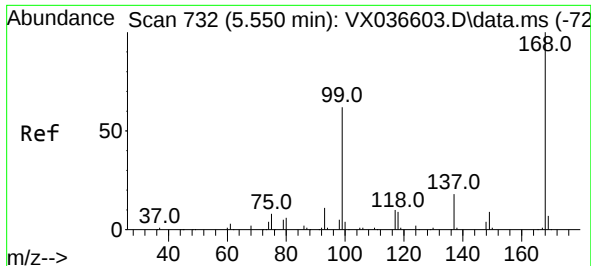
Manual Integrations
APPROVED

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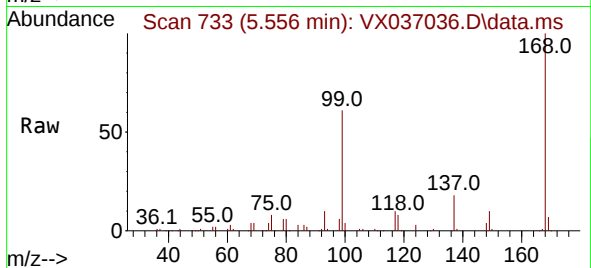
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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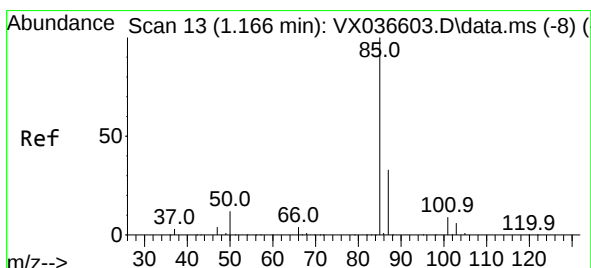
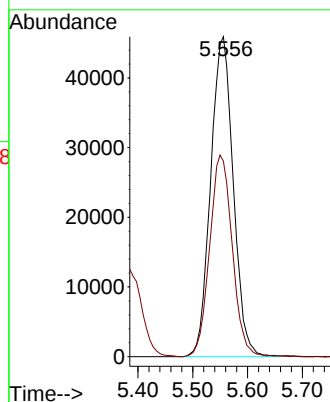
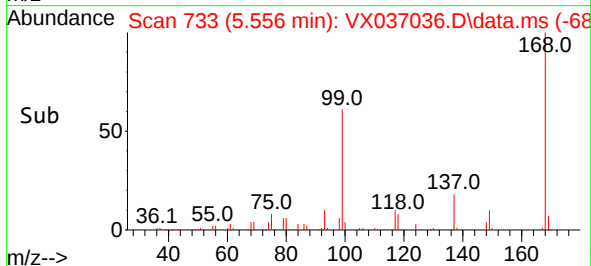
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion:168 Resp: 131454
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

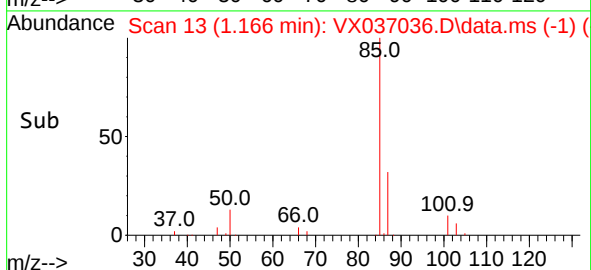
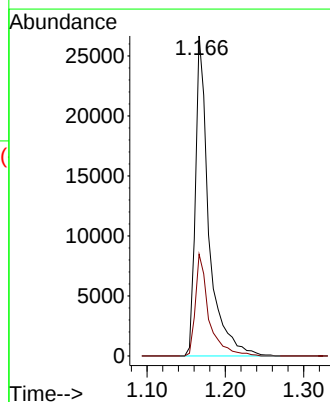
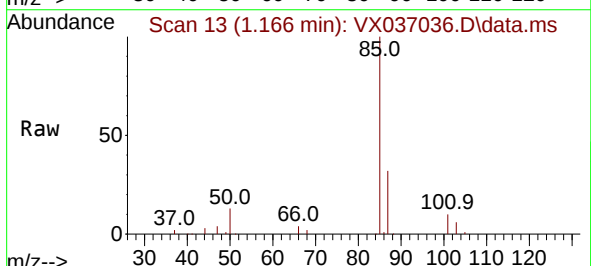
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Supervised By :Mahesh Dadoda 08/17/2023



#2
Dichlorodifluoromethane
Concen: 18.417 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

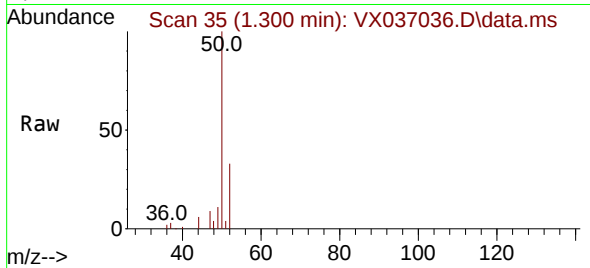
Tgt Ion: 85 Resp: 31983
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





#3
Chloromethane
Concen: 16.283 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

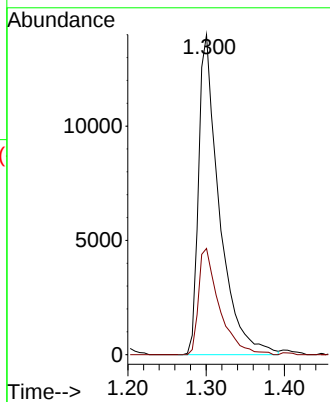
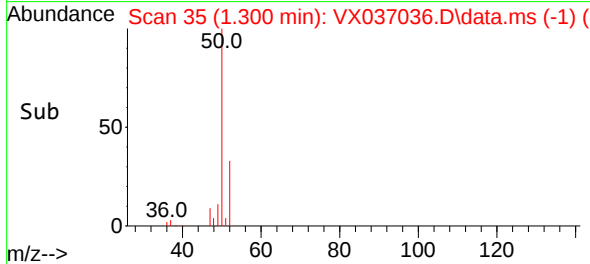
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 50 Resp: 25718
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

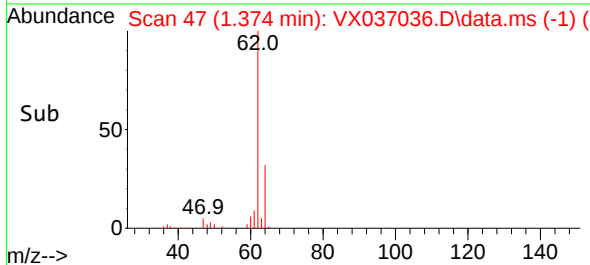
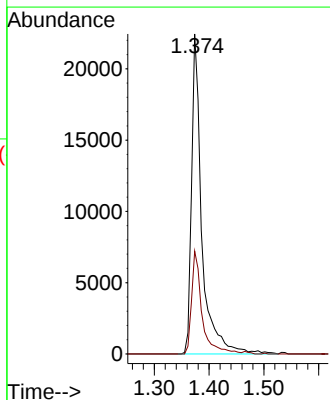
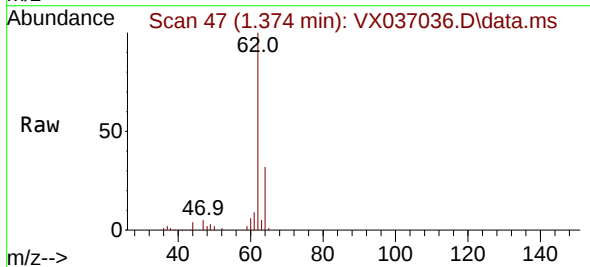
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#4
Vinyl Chloride
Concen: 18.272 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

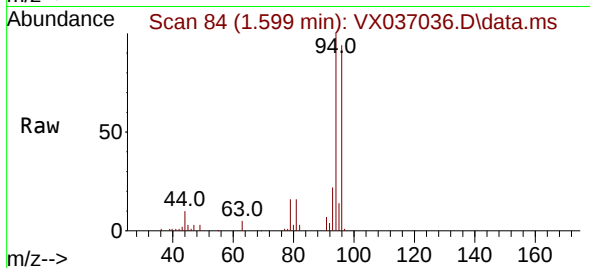
Tgt Ion: 62 Resp: 29383
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 17.414 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

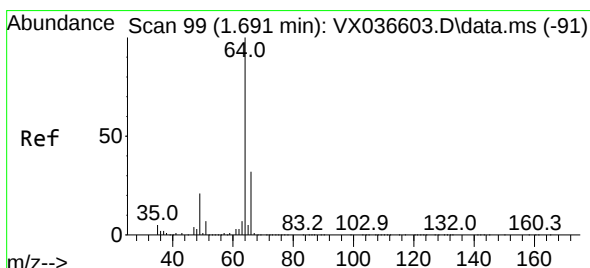
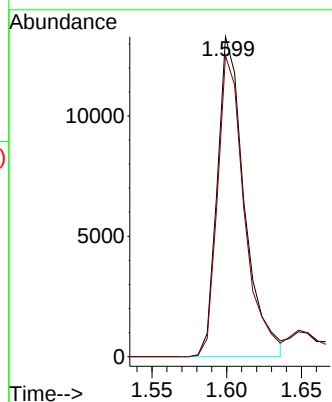
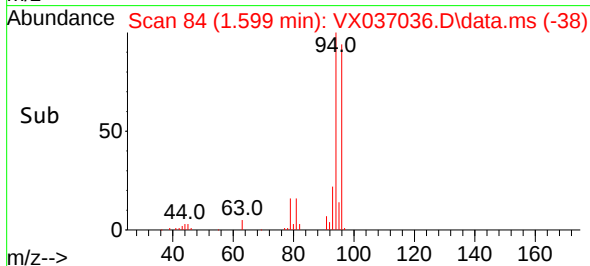
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 94 Resp: 16718
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

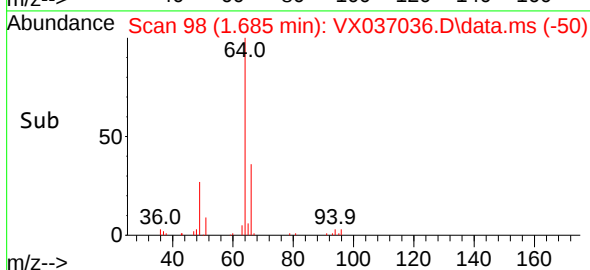
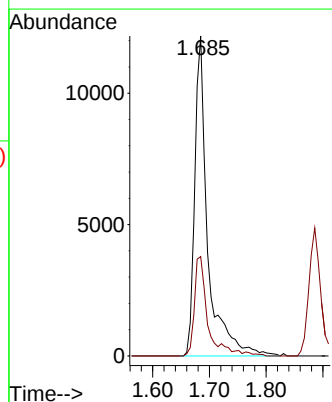
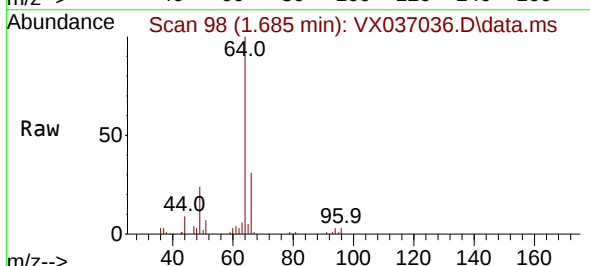
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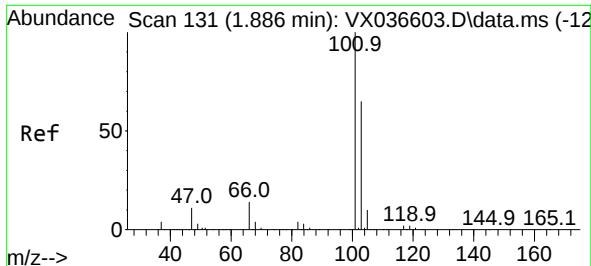
Reviewed By :John Carlone 08/17/2023
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#6
Chloroethane
Concen: 24.858 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

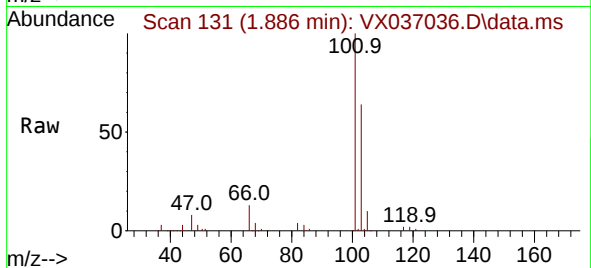
Tgt Ion: 64 Resp: 19435
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 22.113 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37

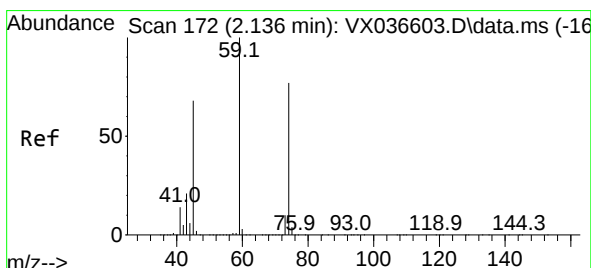
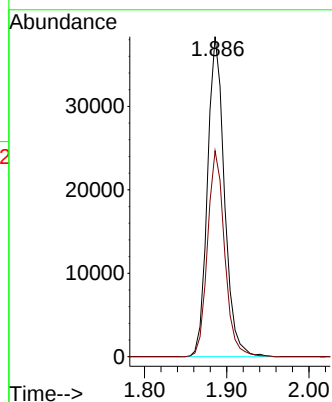
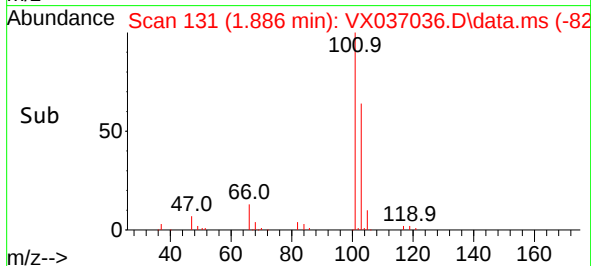
Instrument :
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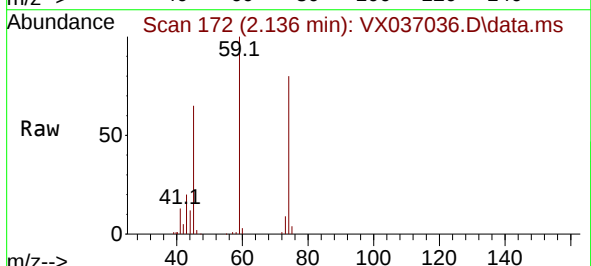
Tgt Ion:101 Resp: 54915
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2

Manual Integrations
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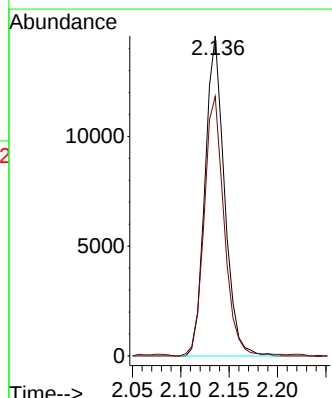
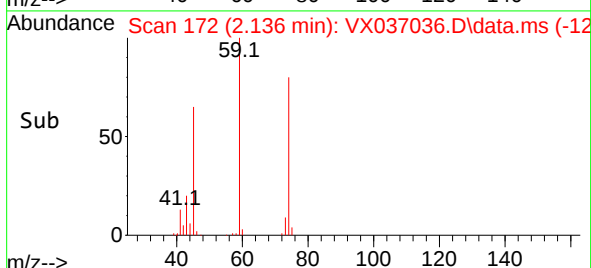
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023

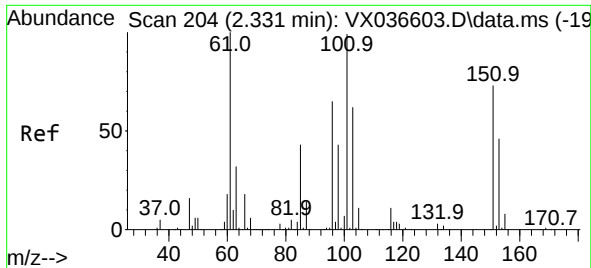


#8
 Diethyl Ether
 Concen: 21.200 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37



Tgt Ion: 74 Resp: 20368
 Ion Ratio Lower Upper
 74 100
 45 83.8 53.3 159.8





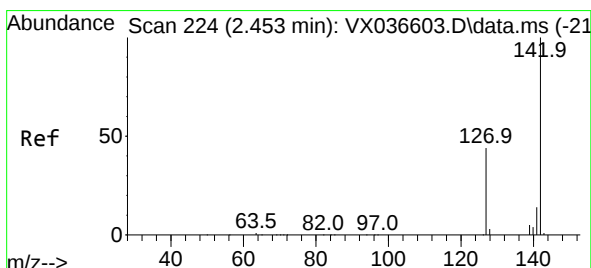
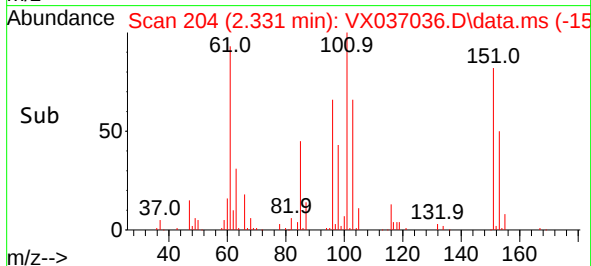
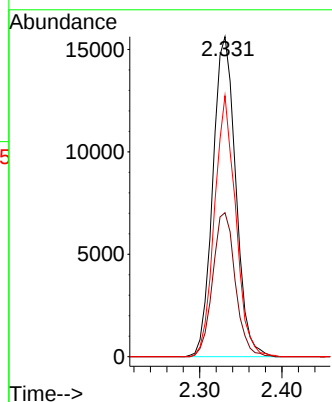
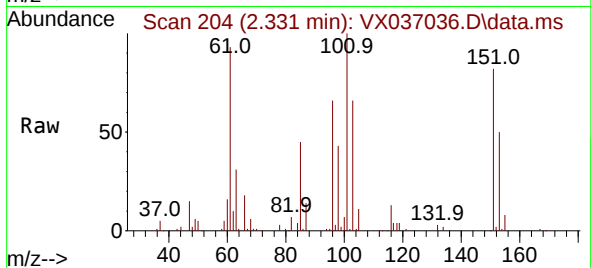
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.272 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
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ClientSampleId :
VX0816MBS01

Tgt Ion:101 Resp: 3024
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 75.6 58.6 87.8

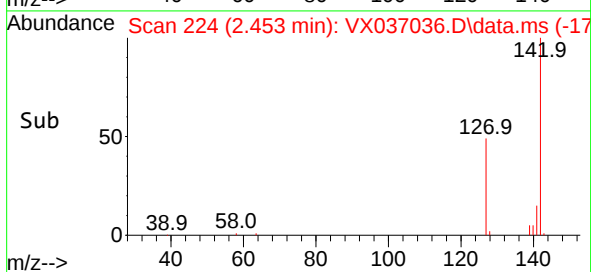
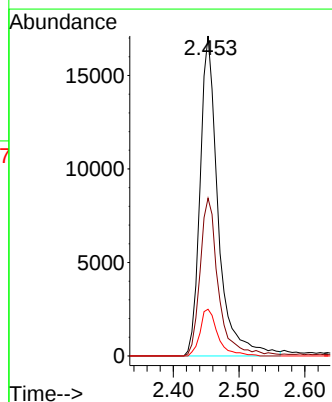
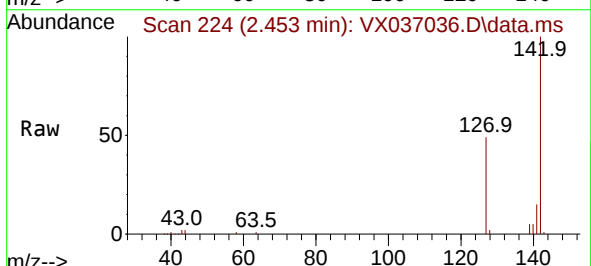
Manual Integrations
APPROVED

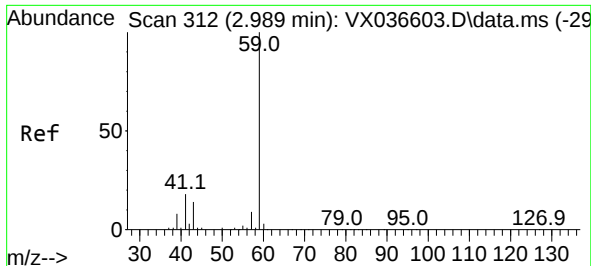
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#10
Methyl Iodide
Concen: 21.119 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

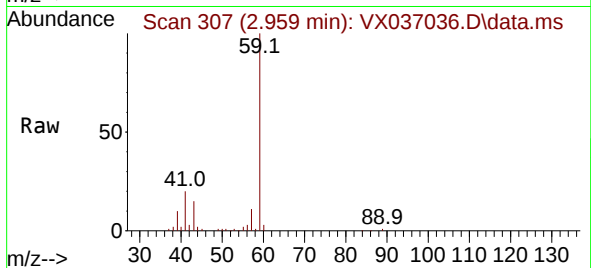
Tgt Ion:142 Resp: 32727
Ion Ratio Lower Upper
142 100
127 49.9 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 100.793 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

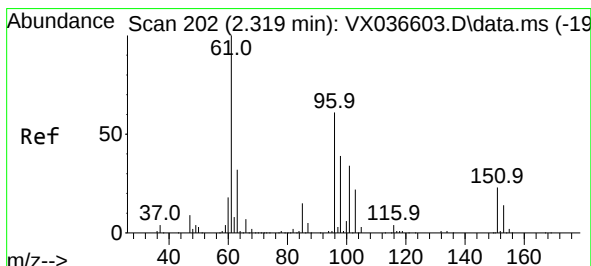
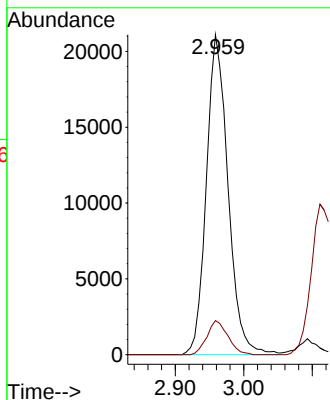
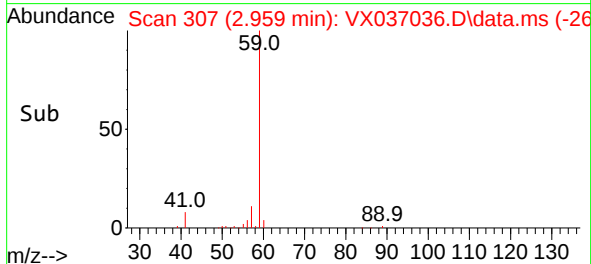
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 59 Resp: 4641
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

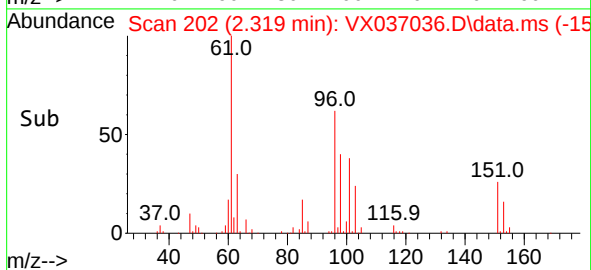
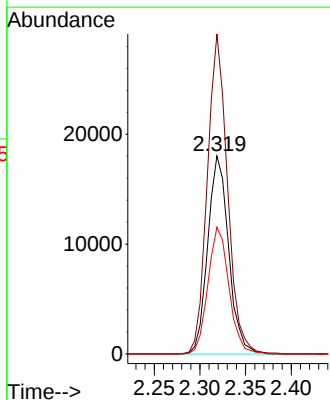
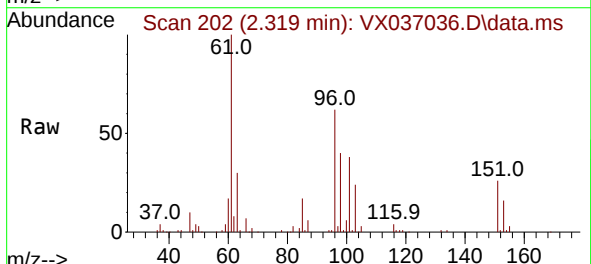
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#12
1,1-Dichloroethene
Concen: 19.454 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

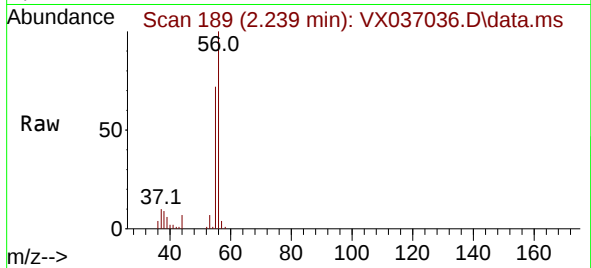
Tgt Ion: 96 Resp: 28635
Ion Ratio Lower Upper
96 100
61 161.6 144.6 216.8
98 64.0 50.4 75.6





#13
Acrolein
Concen: 57.250 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

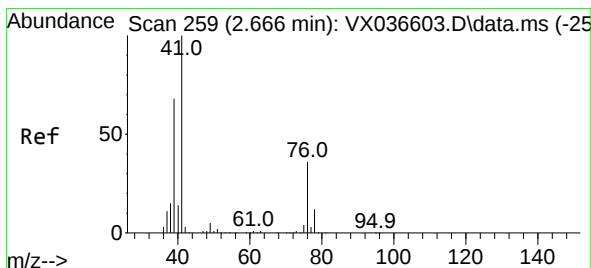
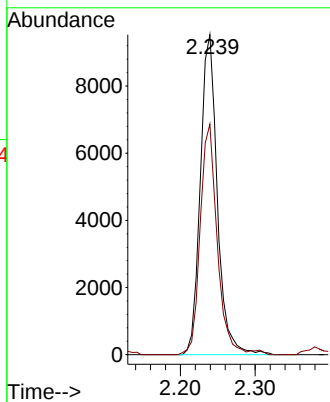
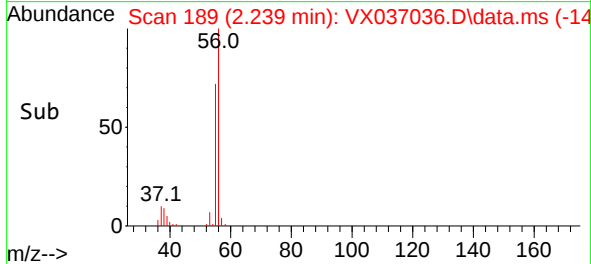
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 56 Resp: 15049
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7

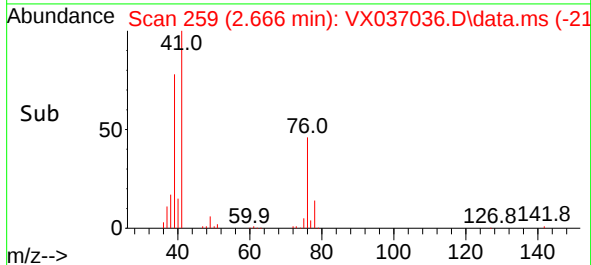
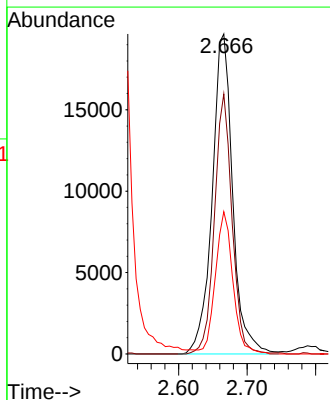
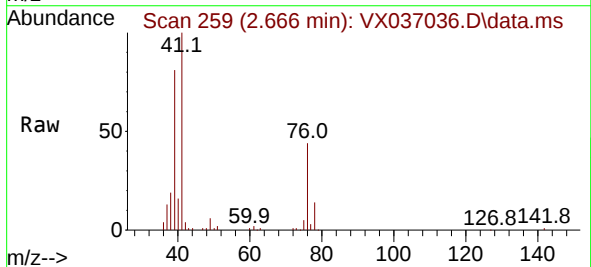
Manual Integrations
APPROVED

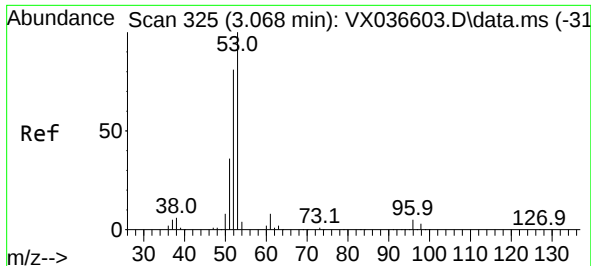
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#14
Allyl chloride
Concen: 14.083 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

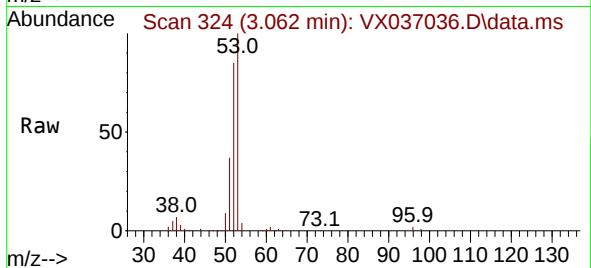
Tgt Ion: 41 Resp: 40821
Ion Ratio Lower Upper
41 100
39 69.8 55.8 83.6
76 38.1 24.3 36.5





#15
Acrylonitrile
Concen: 96.329 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

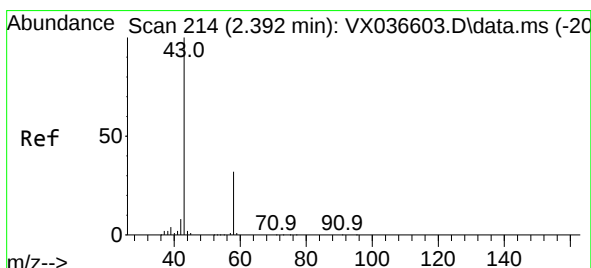
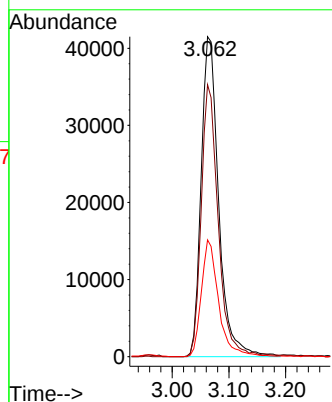
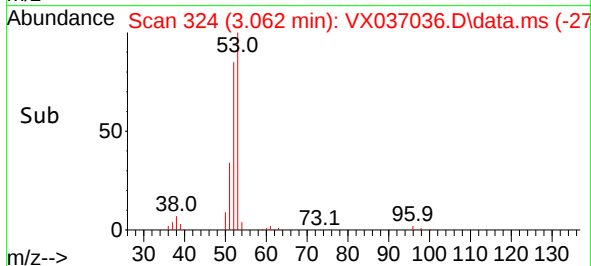
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 53 Resp: 8920
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.1 29.8 44.6

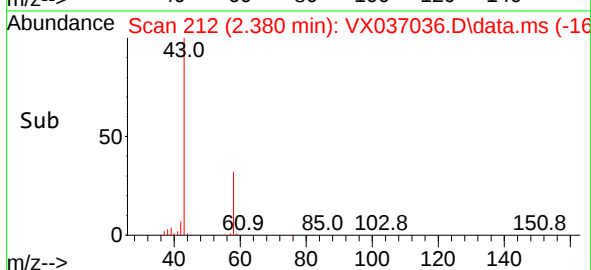
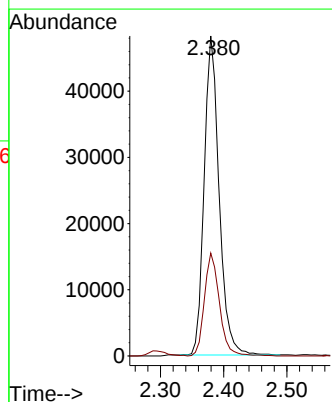
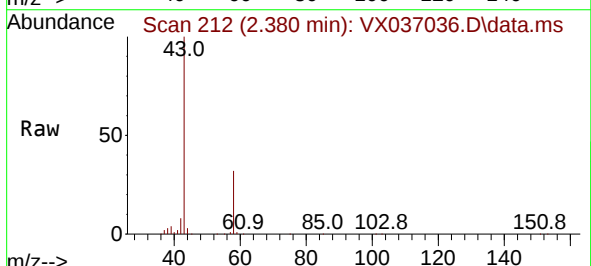
Manual Integrations
APPROVED

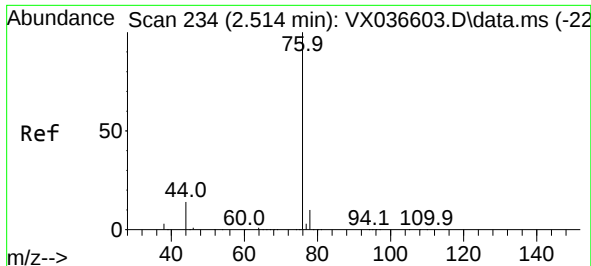
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#16
Acetone
Concen: 98.383 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion: 43 Resp: 79407
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#17

Carbon Disulfide

Concen: 15.038 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 76 Resp: 61094

Ion Ratio Lower Upper

76 100

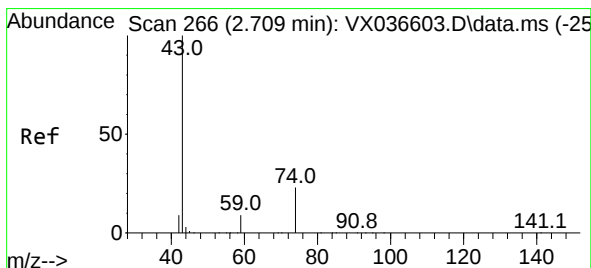
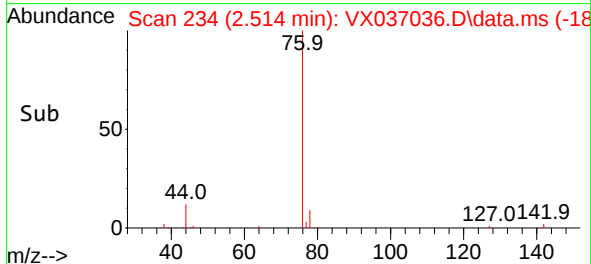
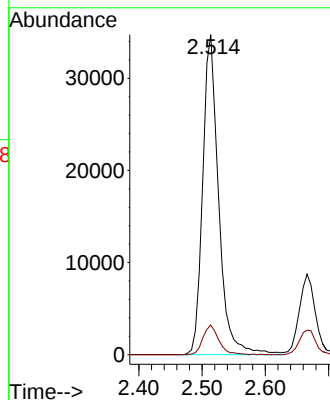
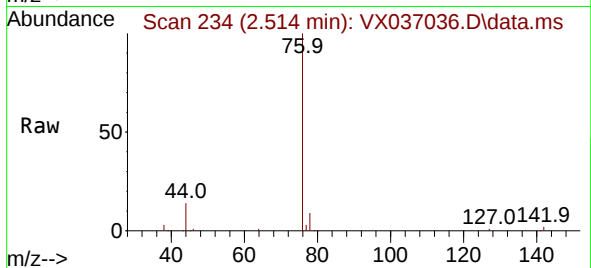
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#18

Methyl Acetate

Concen: 18.754 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX037036.D

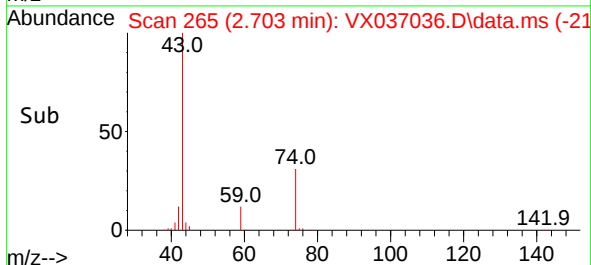
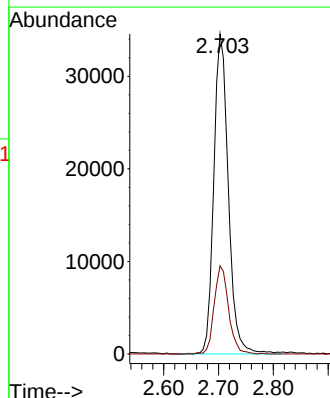
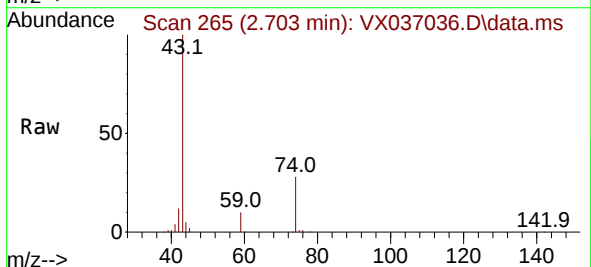
Acq: 17 Aug 2023 03:37

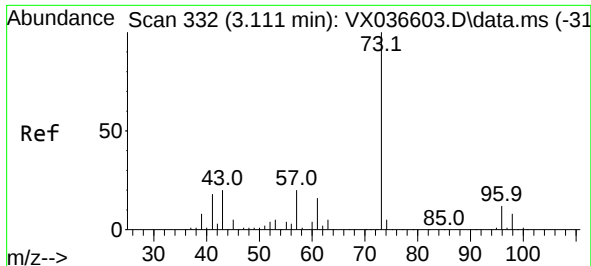
Tgt Ion: 43 Resp: 63679

Ion Ratio Lower Upper

43 100

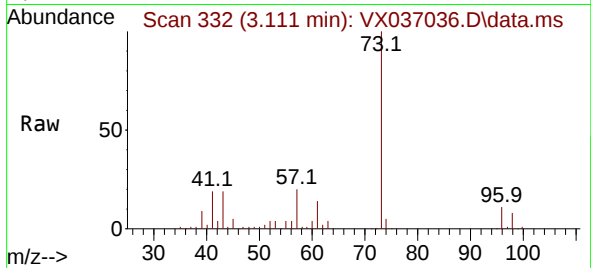
74 27.1 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 20.991 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

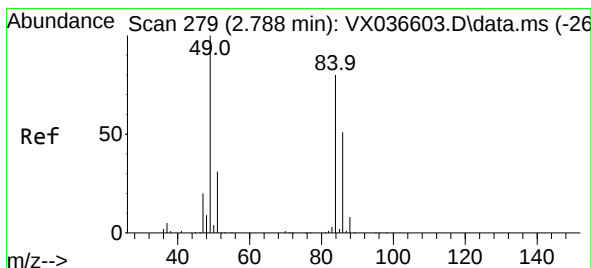
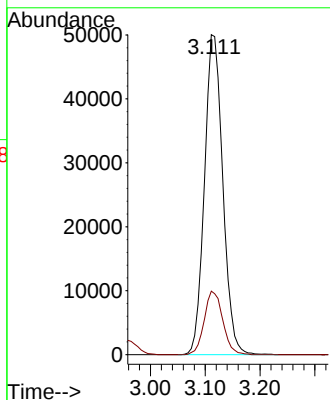
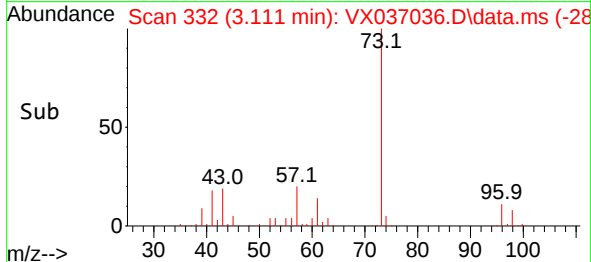
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 73 Resp: 11611
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

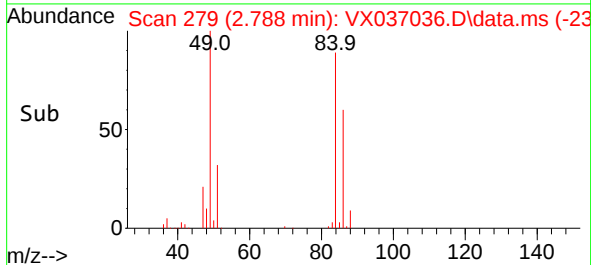
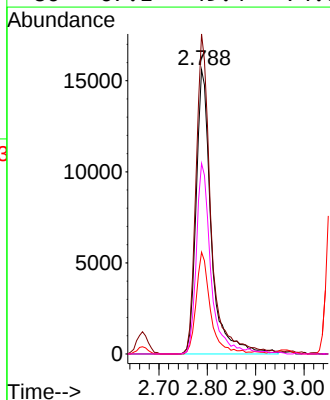
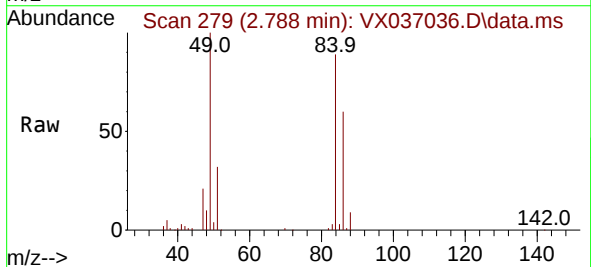
Manual Integrations
APPROVED

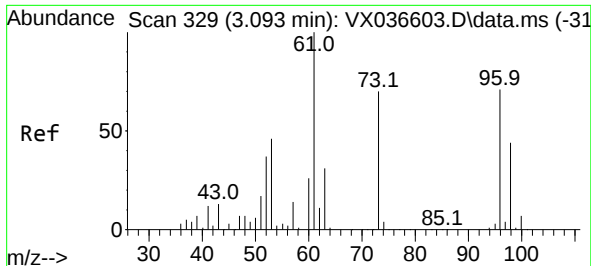
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#20
Methylene Chloride
Concen: 18.855 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

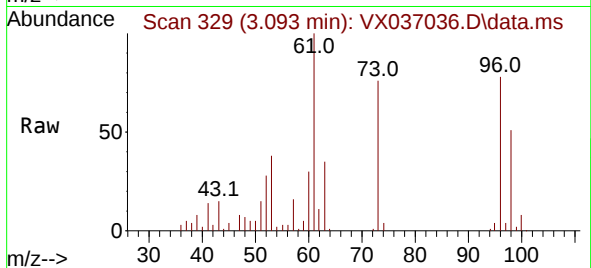
Tgt Ion: 84 Resp: 33845
Ion Ratio Lower Upper
84 100
49 112.6 103.6 155.4
51 35.8 33.8 50.6
86 67.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.252 ug/l
RT: 3.093 min Scan# 3167
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

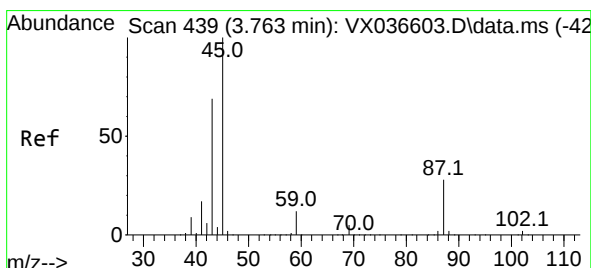
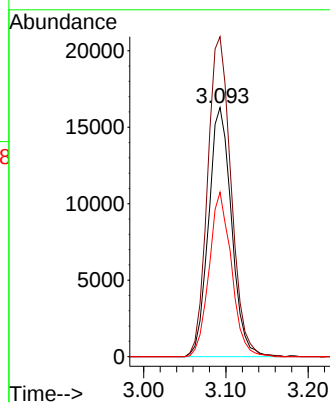
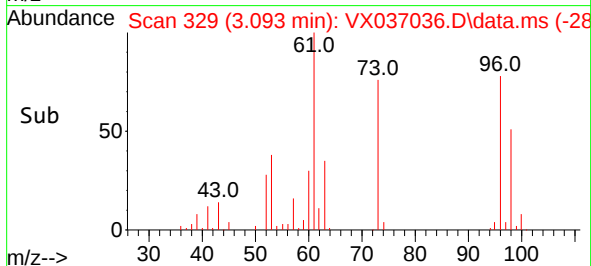
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 96 Resp: 3167
Ion Ratio Lower Upper
96 100
61 128.5 119.2 178.8
98 66.0 48.7 73.1

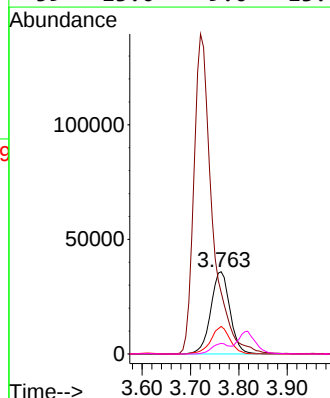
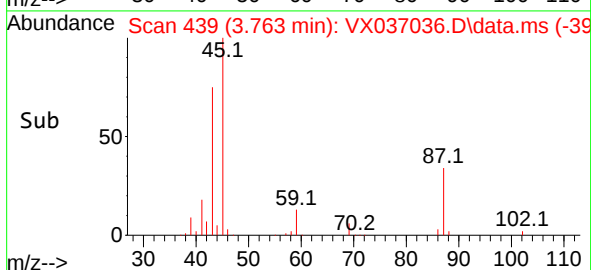
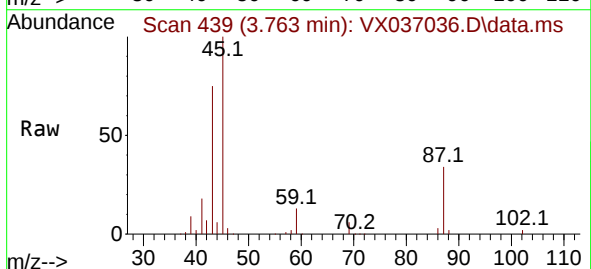
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#22
Diisopropyl ether
Concen: 17.983 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion: 45 Resp: 98969
Ion Ratio Lower Upper
45 100
43 74.0 69.7 104.5
87 33.6 20.8 31.2#
59 13.0 9.0 13.4





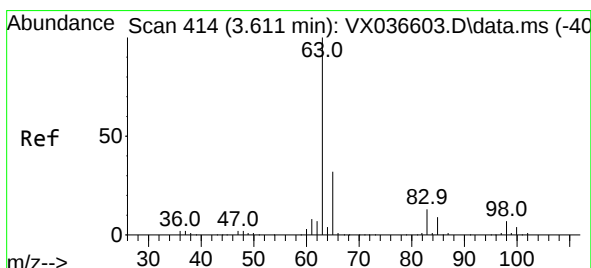
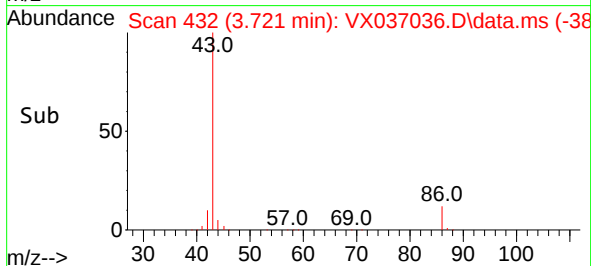
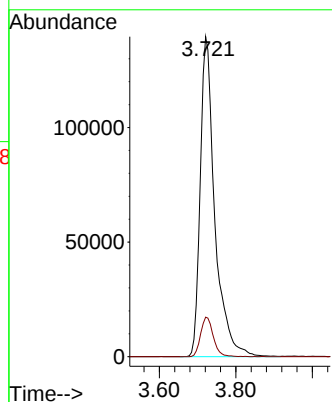
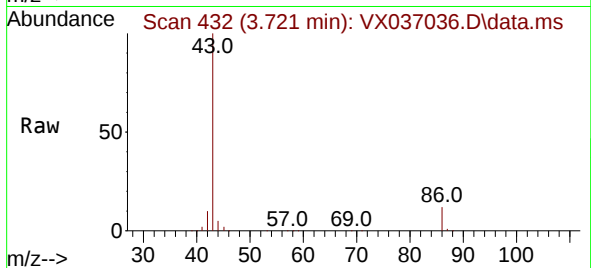
#23
 Vinyl Acetate
 Concen: 87.395 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBS01

Tgt Ion: 43 Resp: 36894
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

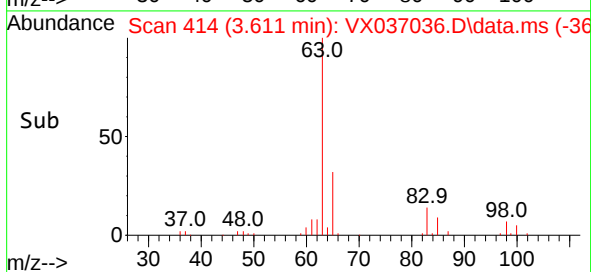
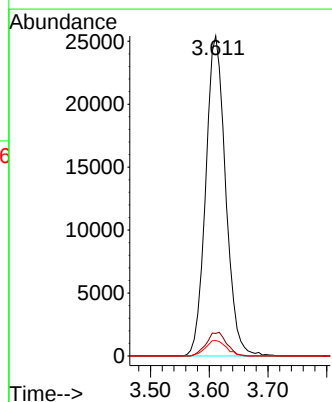
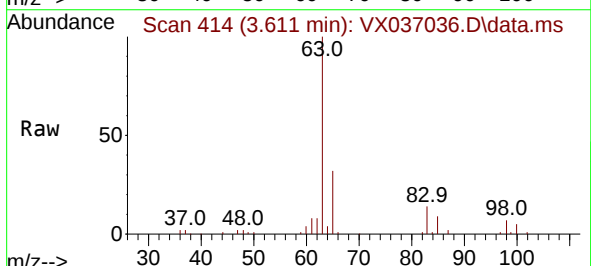
Manual Integrations
 APPROVED

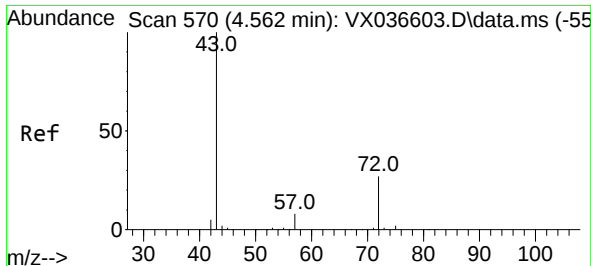
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023



#24
 1,1-Dichloroethane
 Concen: 19.402 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37

Tgt Ion: 63 Resp: 59866
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.8 2.1 6.5





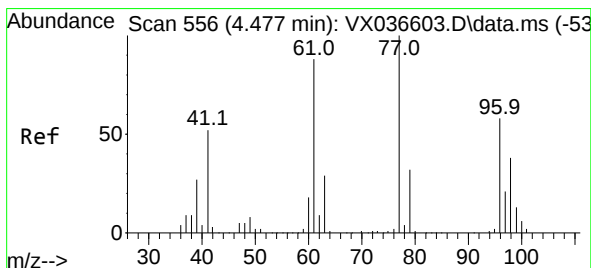
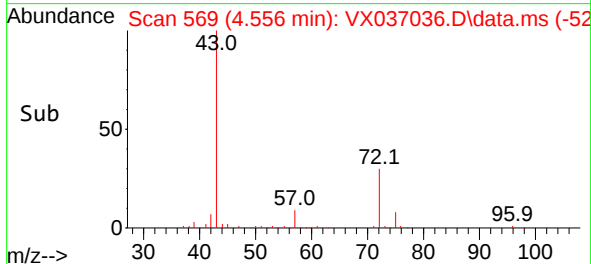
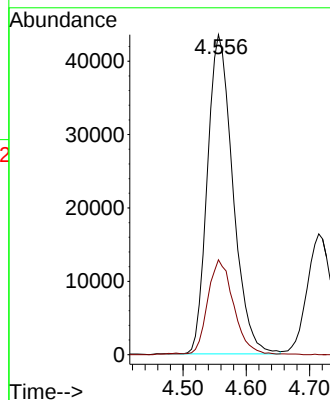
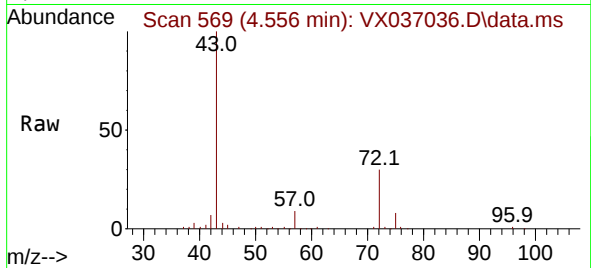
#25
2-Butanone
Concen: 93.081 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Tgt Ion: 43 Resp: 12189
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2

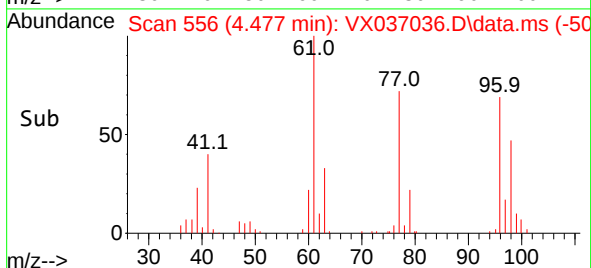
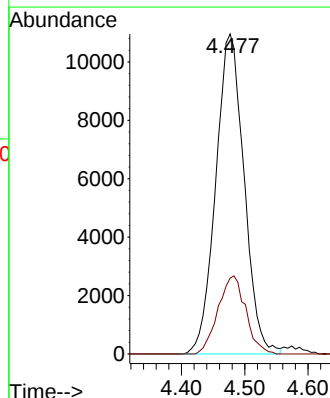
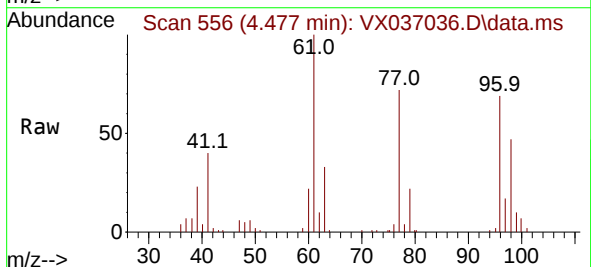
Manual Integrations
APPROVED

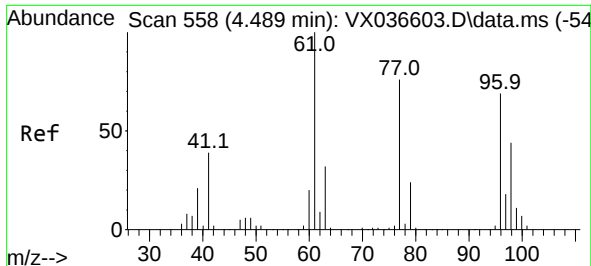
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#26
2,2-Dichloropropane
Concen: 11.703 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion: 77 Resp: 34027
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.593 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 96 Resp: 3828

Ion Ratio Lower Upper

96 100

61 137.4 0.0 312.2

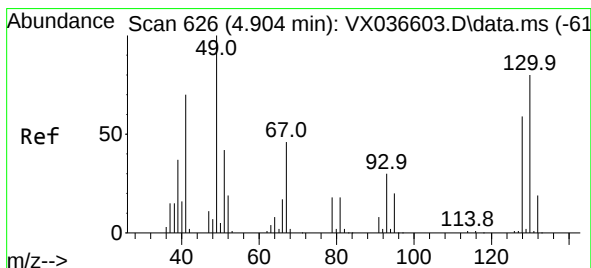
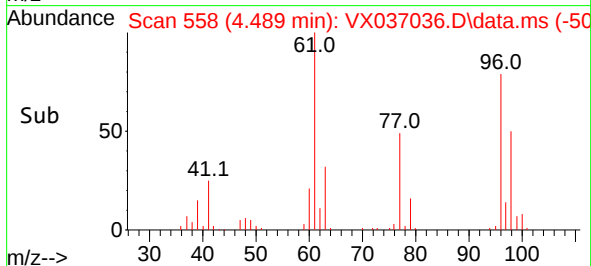
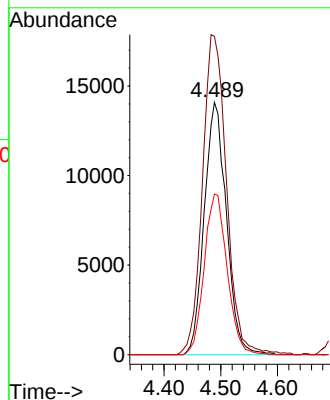
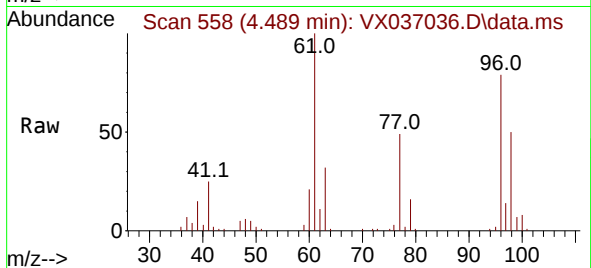
98 65.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#28

Bromochloromethane

Concen: 18.507 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

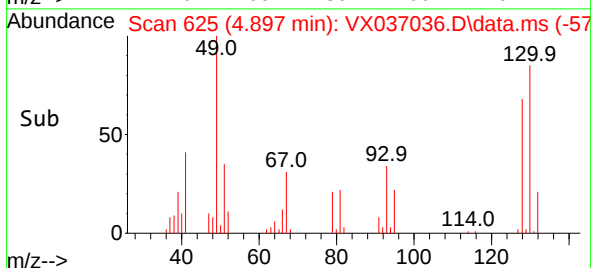
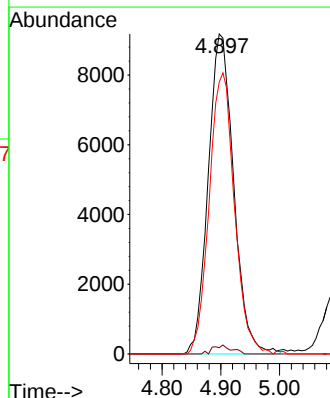
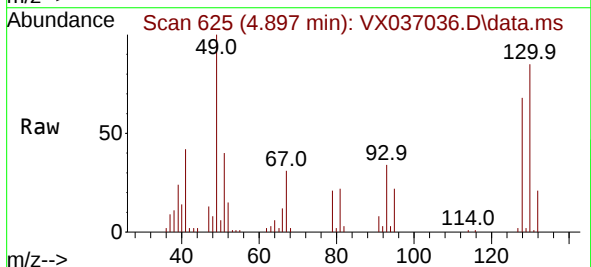
Tgt Ion: 49 Resp: 27618

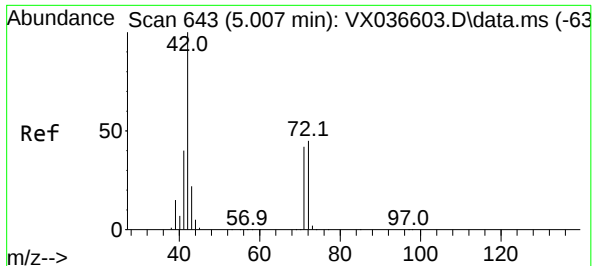
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 86.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 90.507 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

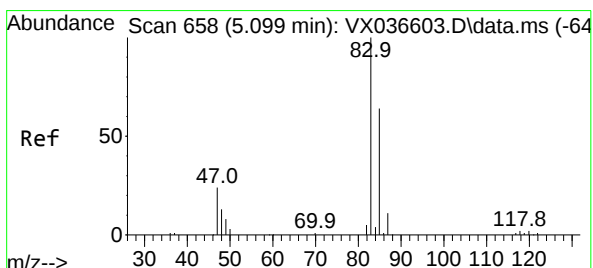
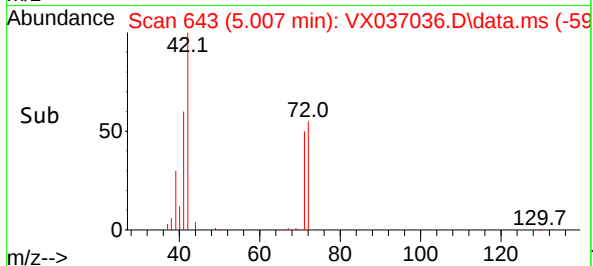
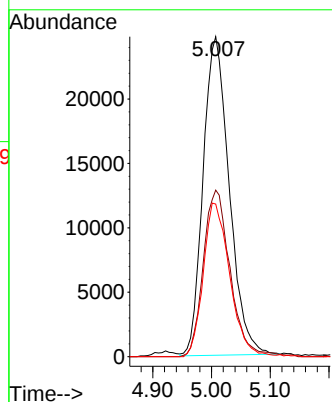
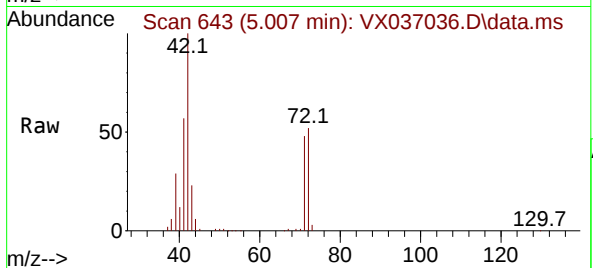
Tgt Ion:	42	Resp:	7641
Ion Ratio	Lower	Upper	
42	100		
72	53.9	34.2	51.4
71	49.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#30

Chloroform

Concen: 21.366 ug/l

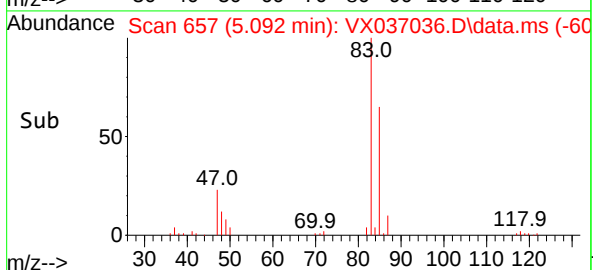
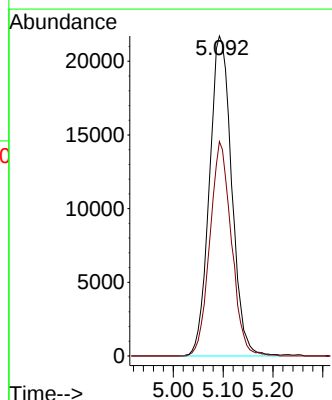
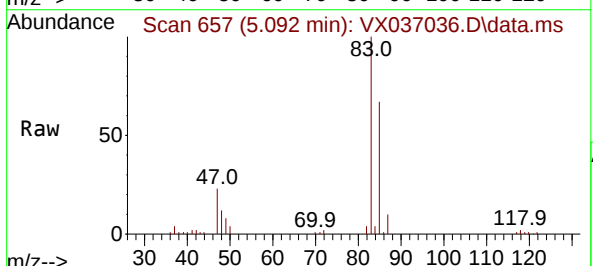
RT: 5.092 min Scan# 657

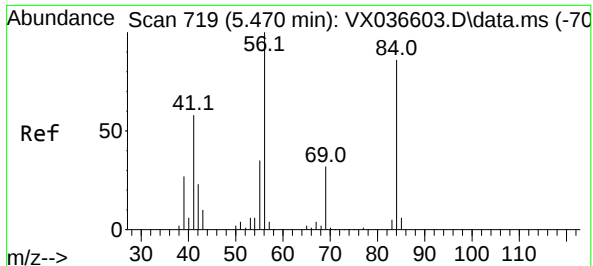
Delta R.T. -0.006 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

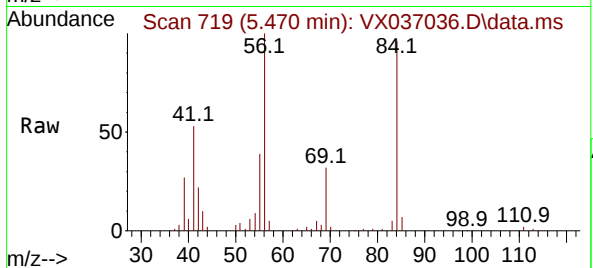
Tgt Ion:	83	Resp:	67449
Ion Ratio	Lower	Upper	
83	100		
85	67.0	50.3	75.5





#31
Cyclohexane
Concen: 16.861 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

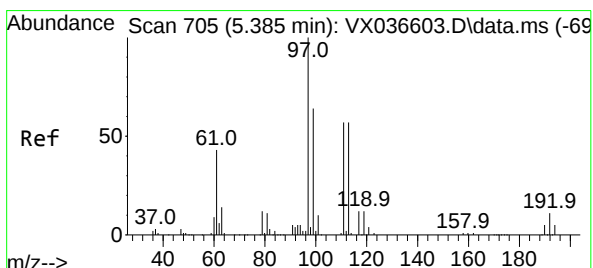
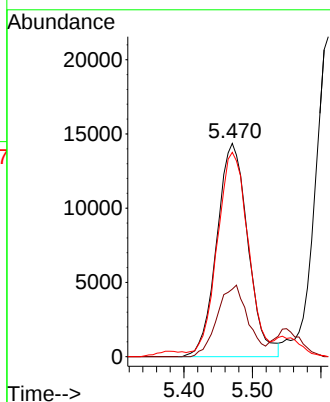
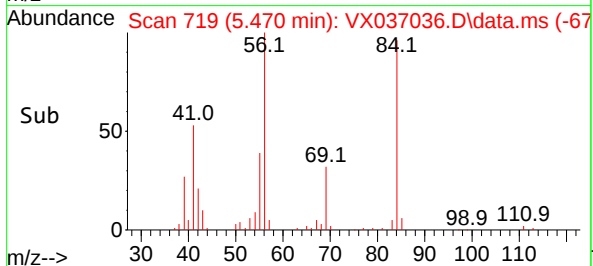
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



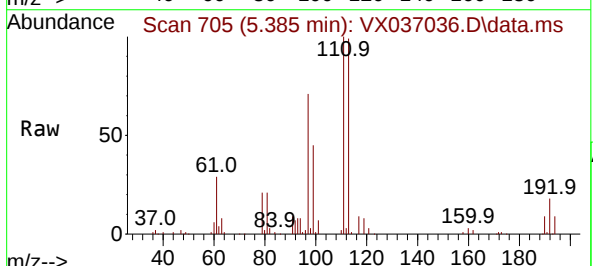
Tgt Ion: 56 Resp: 45408
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 93.6 65.9 98.9

Manual Integrations
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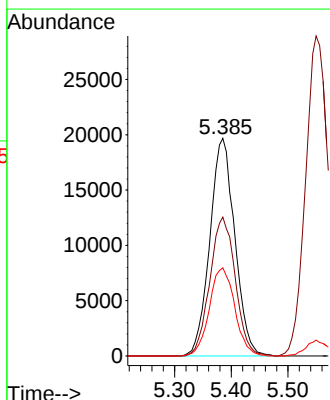
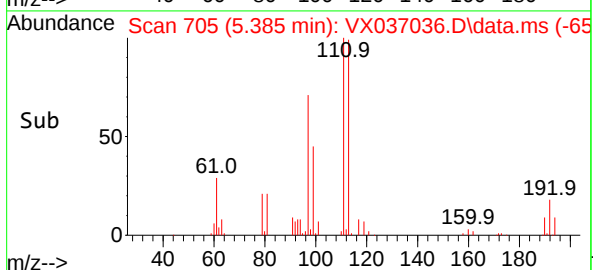
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

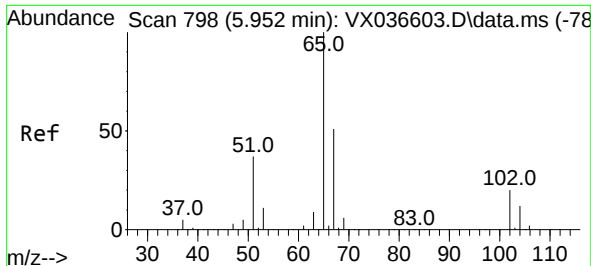


#32
1,1,1-Trichloroethane
Concen: 20.800 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion: 97 Resp: 60165
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 41.2 36.4 54.6





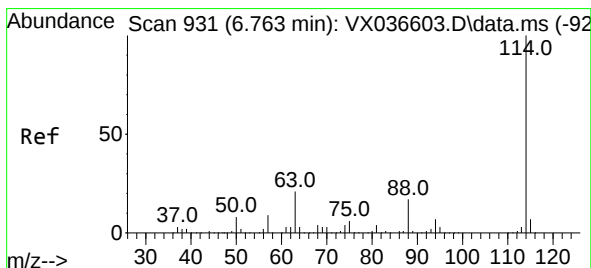
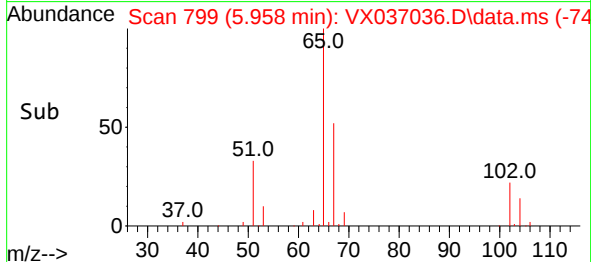
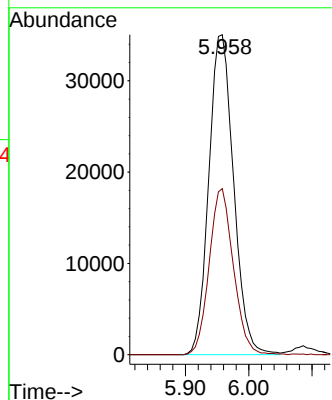
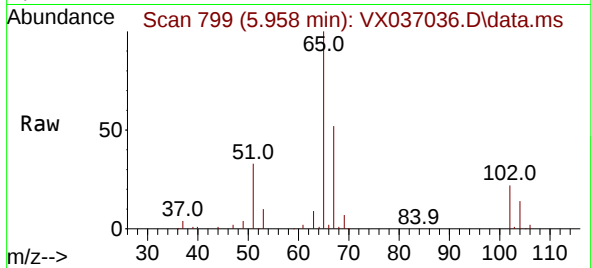
#33
1,2-Dichloroethane-d4
Concen: 49.113 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
Client Sample Id :
VX0816MBS01

Tgt Ion: 65 Resp: 95528
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

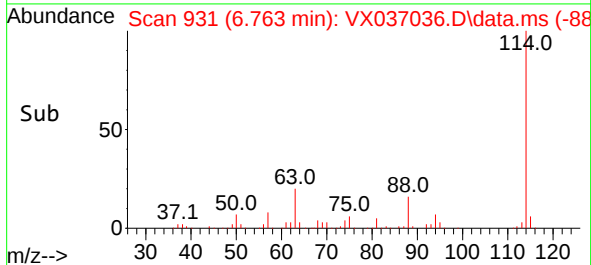
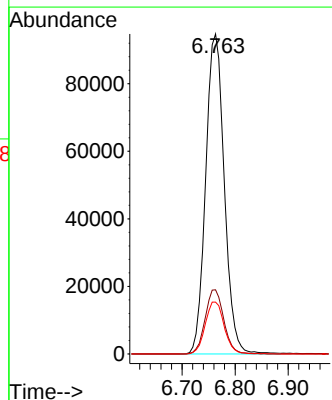
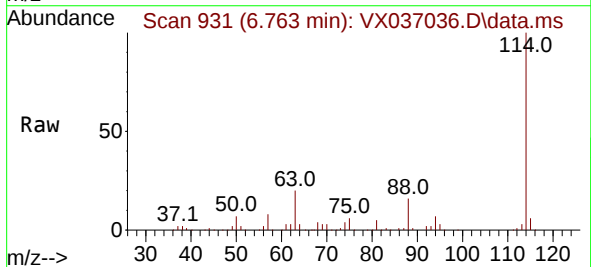
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion:114 Resp: 231178
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

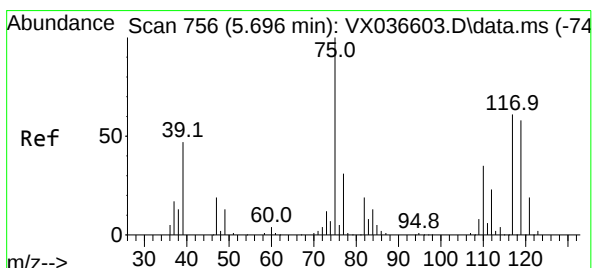
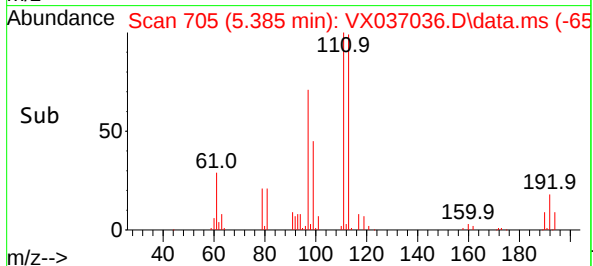
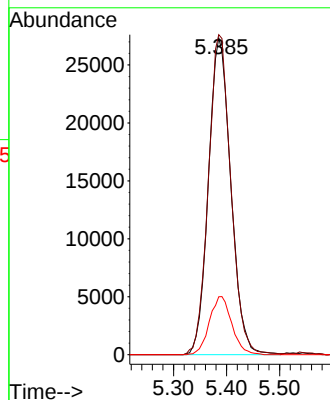
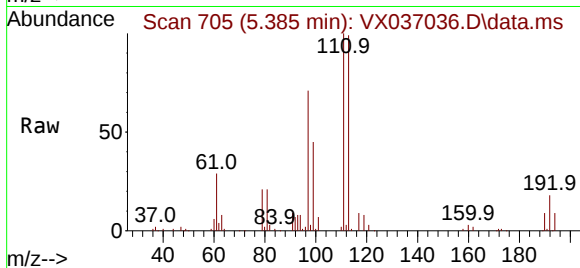
Tgt Ion:	113	Resp:	8012
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.9	124.3
192	18.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#36

1,1-Dichloropropene

Concen: 19.078 ug/l

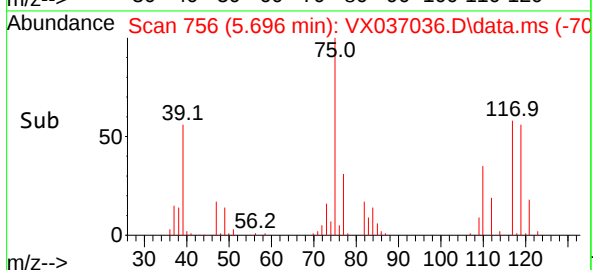
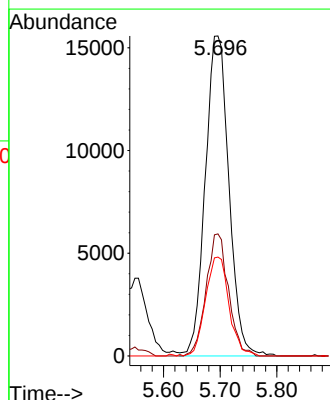
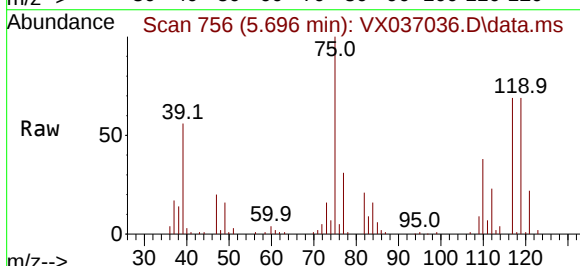
RT: 5.696 min Scan# 756

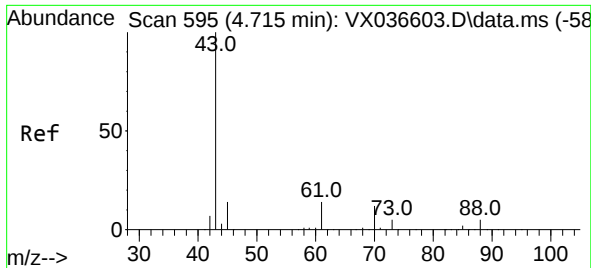
Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Tgt Ion:	75	Resp:	45183
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.0	50.9
77	30.7	24.7	37.1





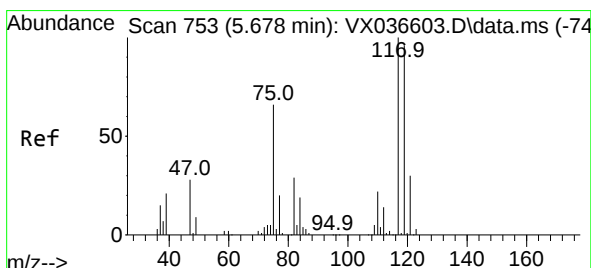
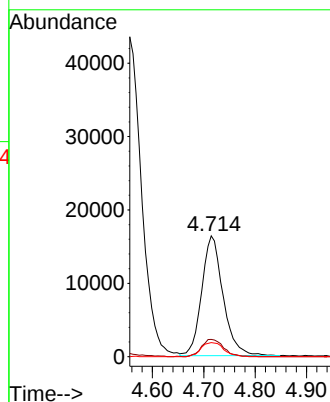
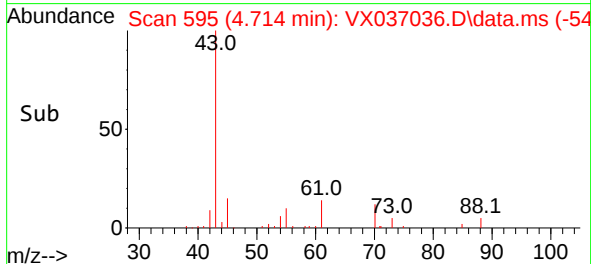
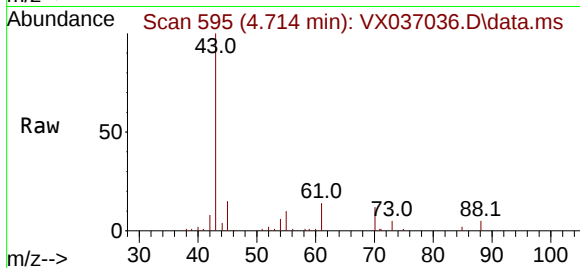
#37
Ethyl Acetate
Concen: 17.575 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Tgt Ion: 43 Resp: 47112
Ion Ratio Lower Upper
43 100
61 14.8 10.6 16.0
70 12.6 8.3 12.5

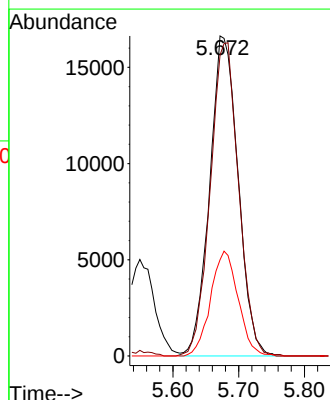
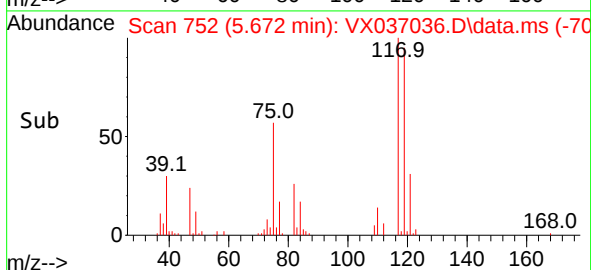
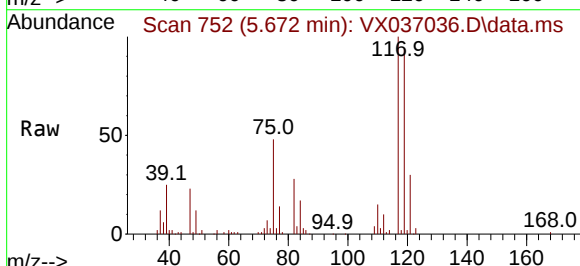
Manual Integrations
APPROVED

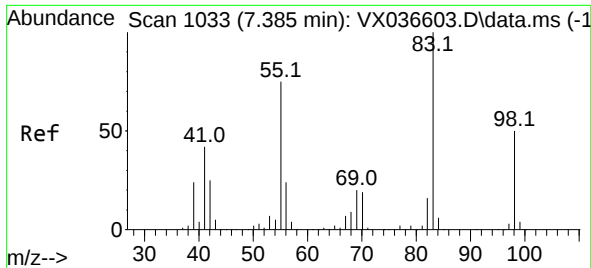
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#38
Carbon Tetrachloride
Concen: 19.875 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion:117 Resp: 50043
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.2
121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 15.656 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 83 Resp: 46100

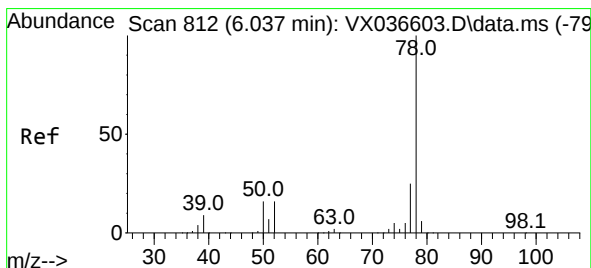
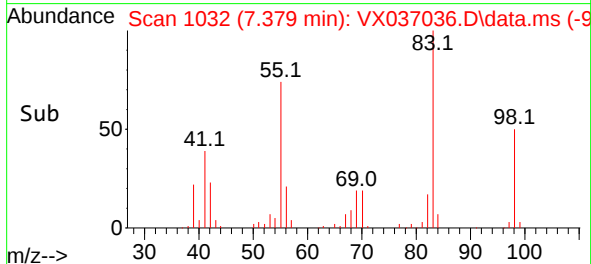
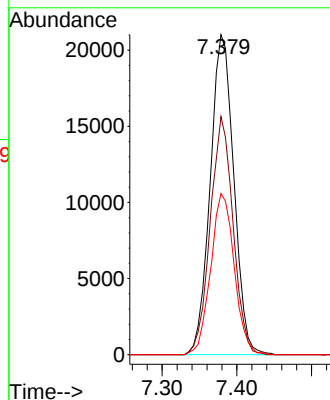
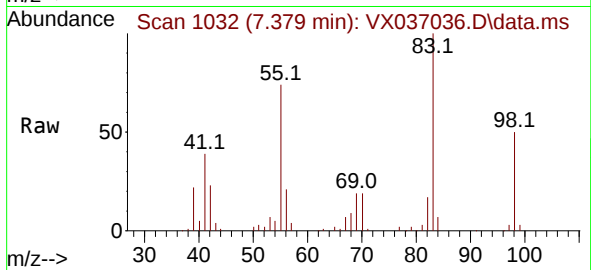
Ion	Ratio	Lower	Upper
83	100		
55	74.4	64.6	97.0
98	50.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#40

Benzene

Concen: 19.261 ug/l

RT: 6.037 min Scan# 812

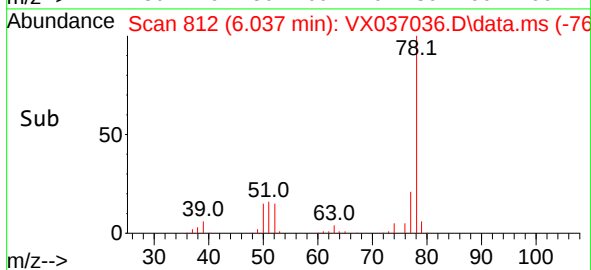
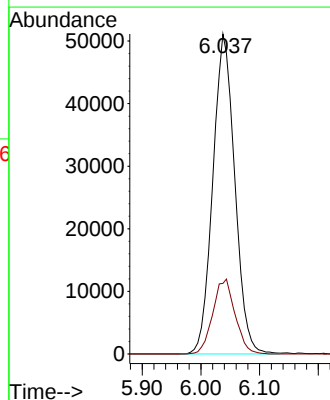
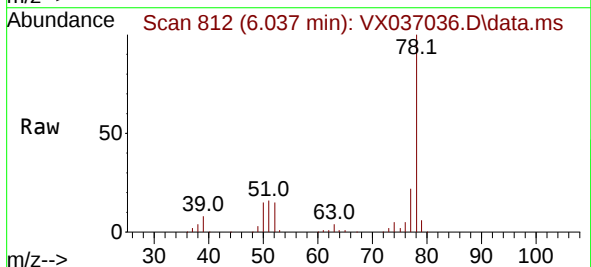
Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Tgt Ion: 78 Resp: 132719

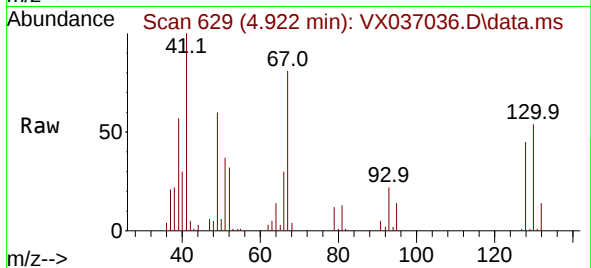
Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.3	28.9





#41
Methacrylonitrile
Concen: 17.888 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

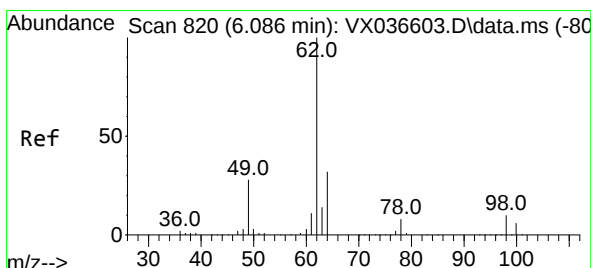
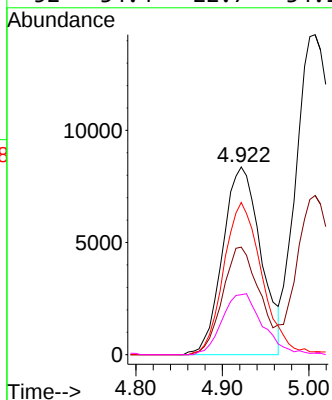
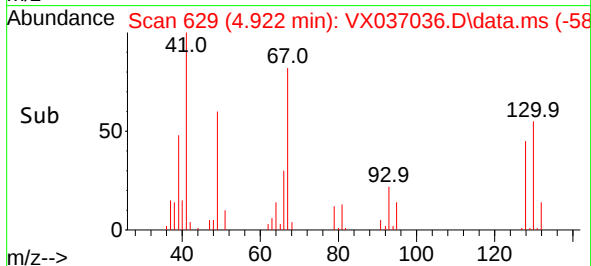
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion:	41	Resp:	2564
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.2	67.8
67	81.5	52.6	78.8
52	34.4	22.7	34.1

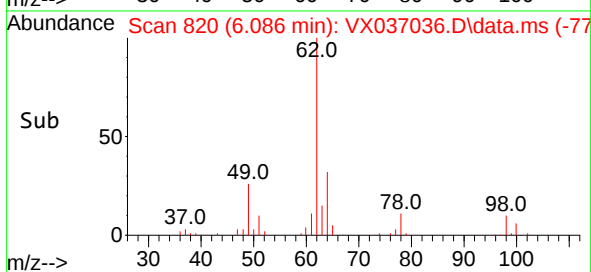
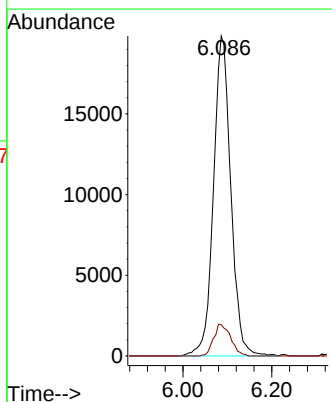
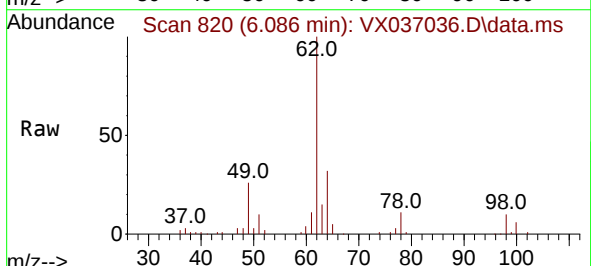
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#42
1,2-Dichloroethane
Concen: 21.285 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion:	62	Resp:	53624
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 17.192 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

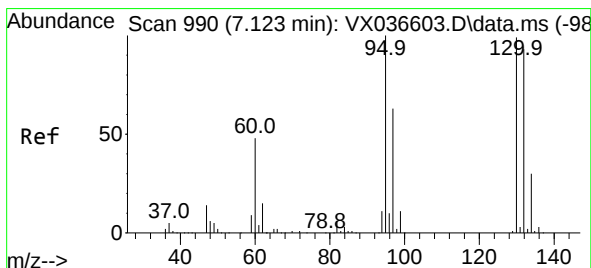
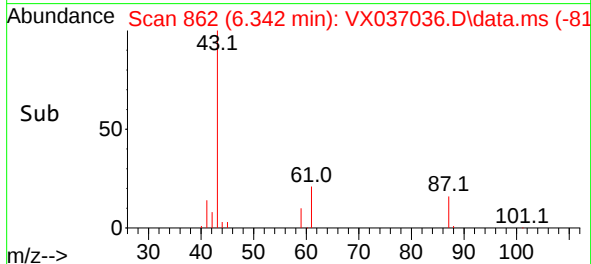
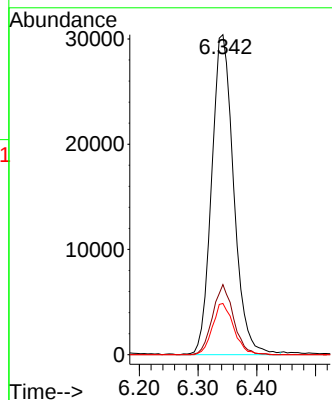
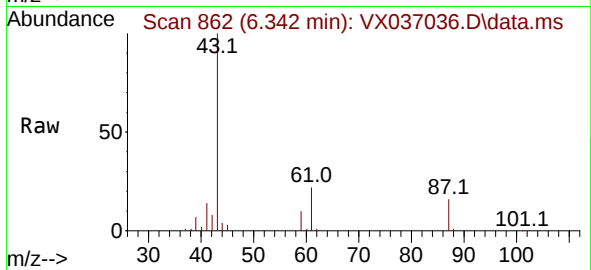
Tgt Ion: 43	Resp: 7933
Ion Ratio	Lower Upper
43 100	
61 20.8	15.2 22.8
87 15.4	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#44

Trichloroethene

Concen: 20.496 ug/l

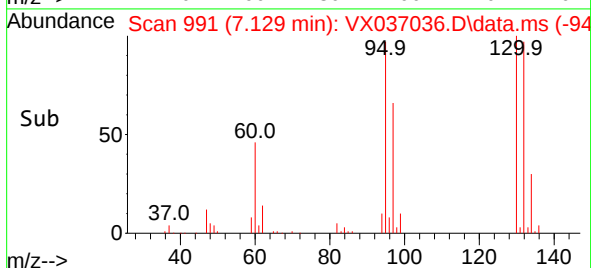
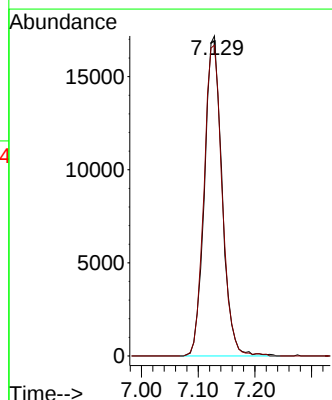
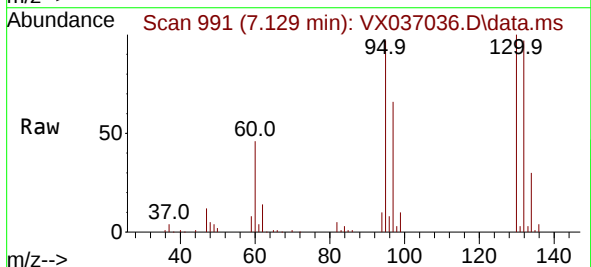
RT: 7.129 min Scan# 991

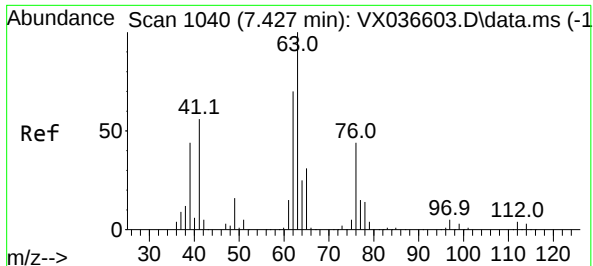
Delta R.T. 0.006 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Tgt Ion:130	Resp: 36917
Ion Ratio	Lower Upper
130 100	
95 97.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.645 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 63 Resp: 3430

Ion Ratio Lower Upper

63 100

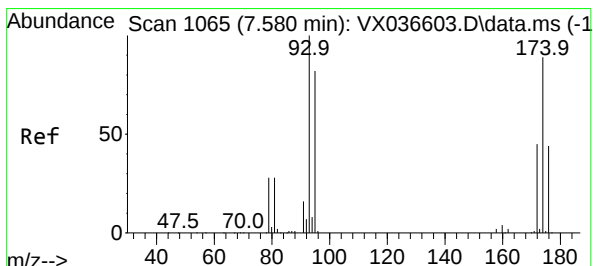
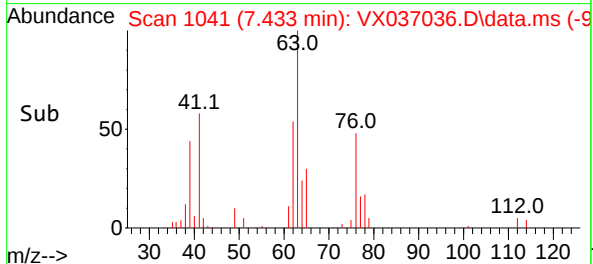
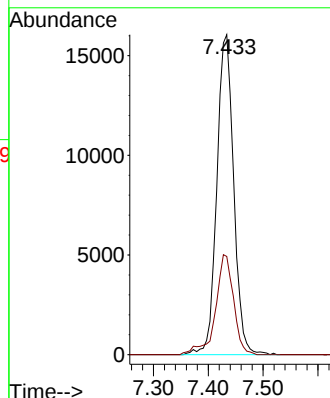
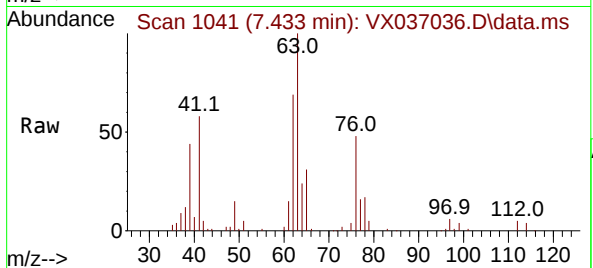
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#46

Dibromomethane

Concen: 20.397 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

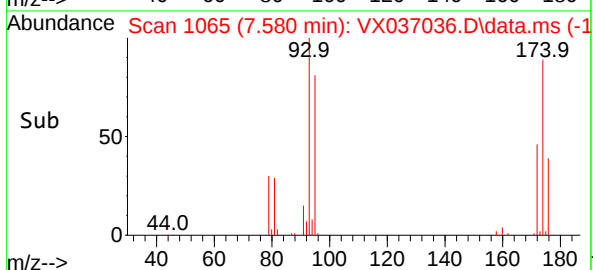
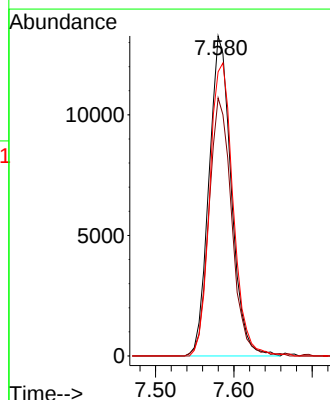
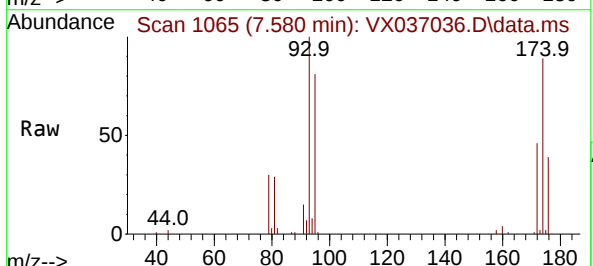
Tgt Ion: 93 Resp: 26263

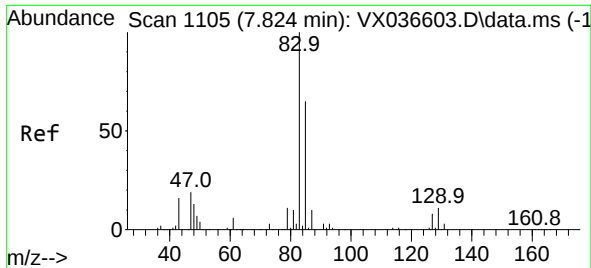
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

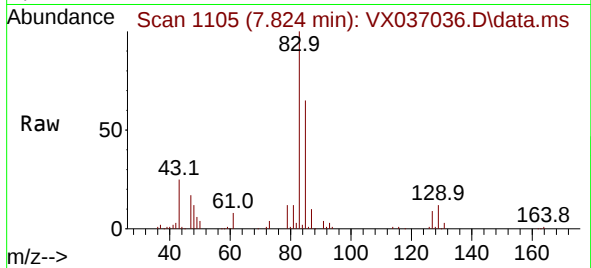
174 96.0 69.4 104.0





#47
Bromodichloromethane
Concen: 19.607 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

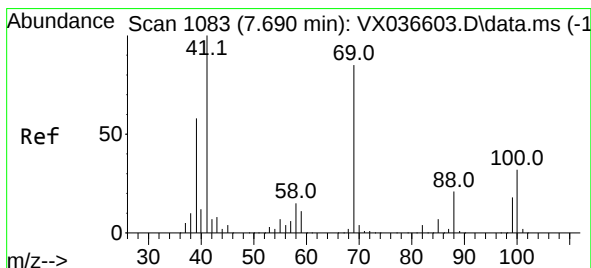
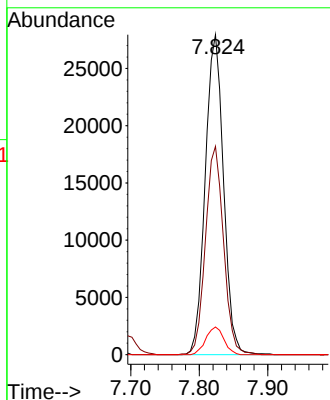
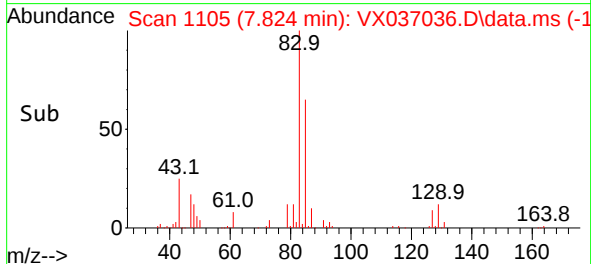
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 83 Resp: 51820
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 8.6 7.1 10.7

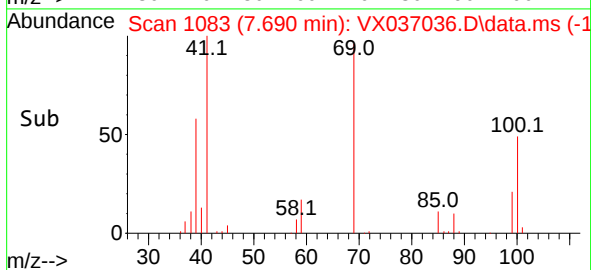
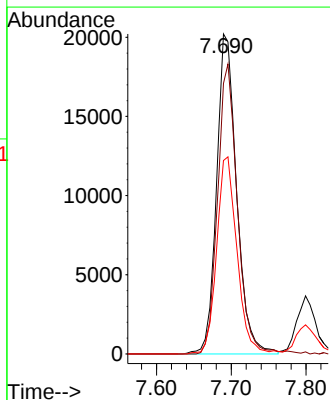
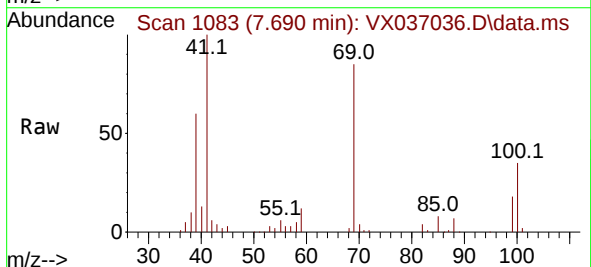
Manual Integrations
APPROVED

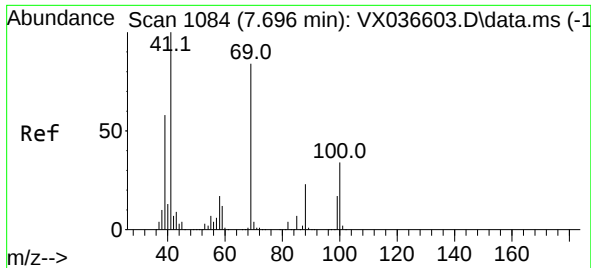
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#48
Methyl methacrylate
Concen: 17.604 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

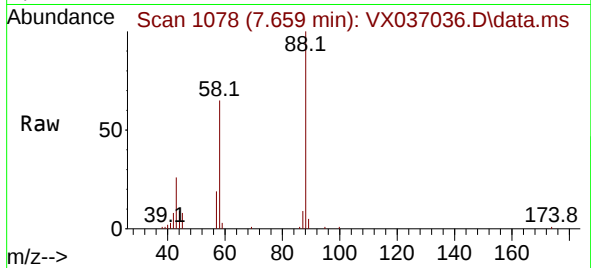
Tgt Ion: 41 Resp: 37777
Ion Ratio Lower Upper
41 100
69 89.8 59.2 88.8#
39 62.6 47.7 71.5





#49
1,4-Dioxane
Concen: 441.021 ug/l
RT: 7.659 min Scan# 1084
Delta R.T. -0.037 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

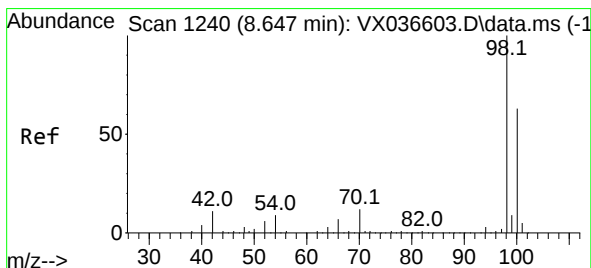
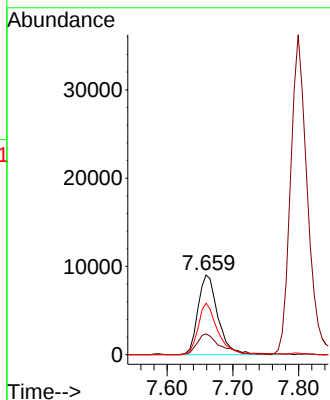
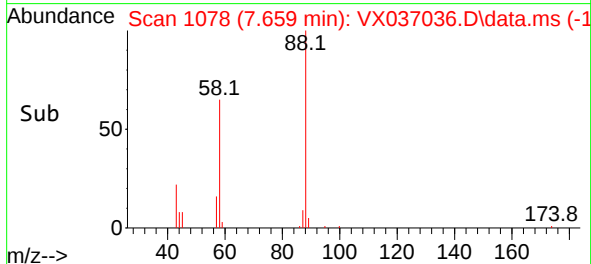
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 88 Resp: 19119
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0
58 62.7 60.1 90.1

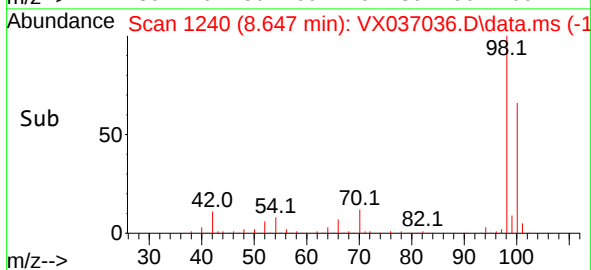
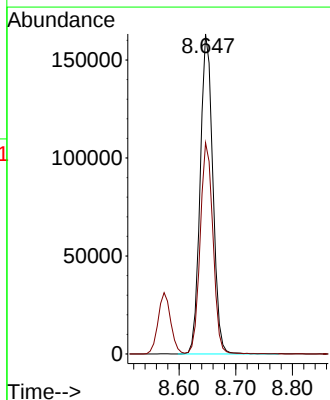
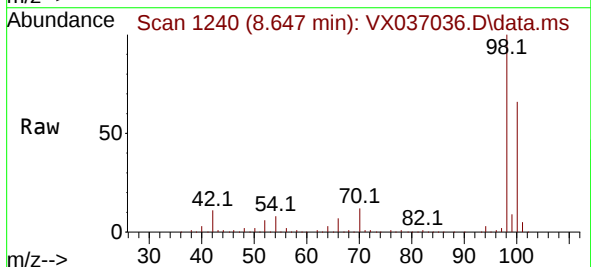
Manual Integrations
APPROVED

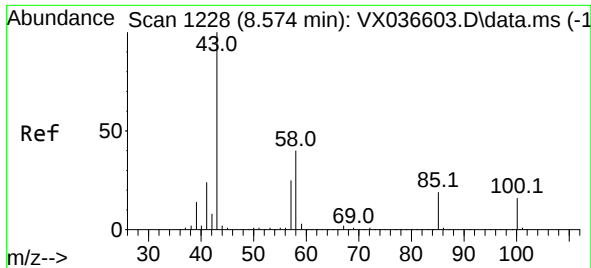
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#50
Toluene-d8
Concen: 44.826 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Tgt Ion: 98 Resp: 252589
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





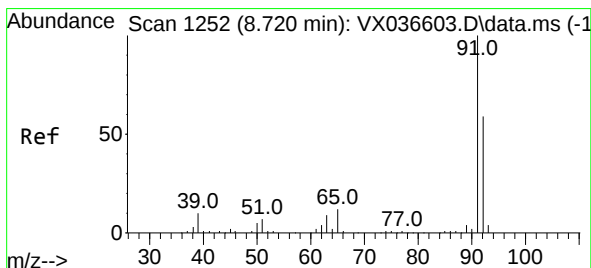
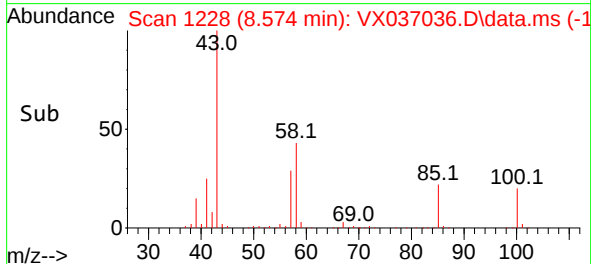
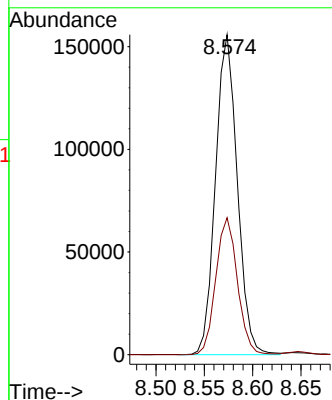
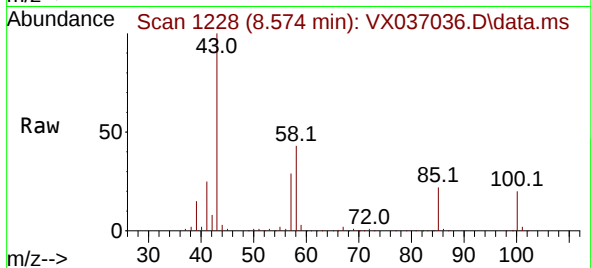
#51
4-Methyl-2-Pentanone
Concen: 95.562 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Tgt Ion: 43 Resp: 24402
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6

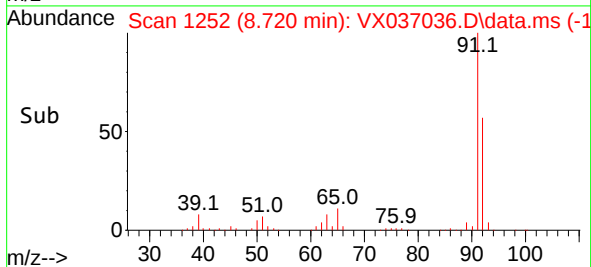
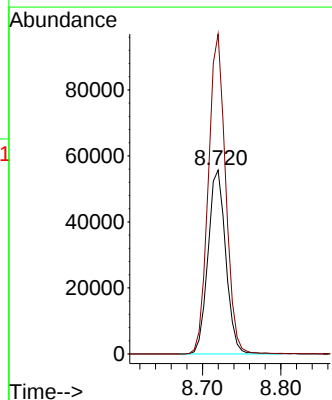
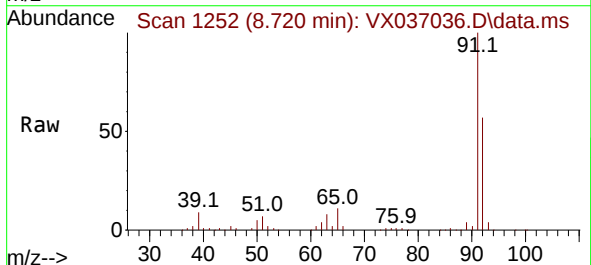
Manual Integrations
APPROVED

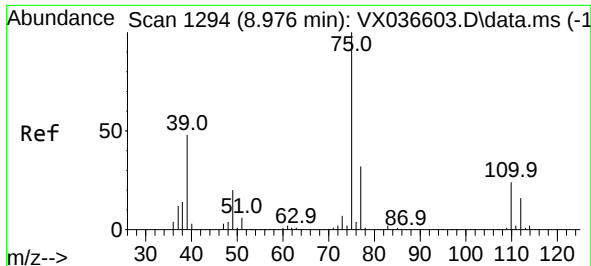
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#52
Toluene
Concen: 20.264 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

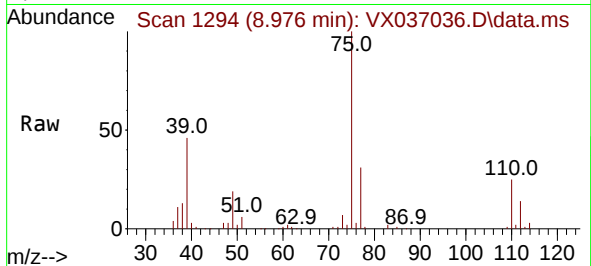
Tgt Ion: 92 Resp: 87490
Ion Ratio Lower Upper
92 100
91 169.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 16.665 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

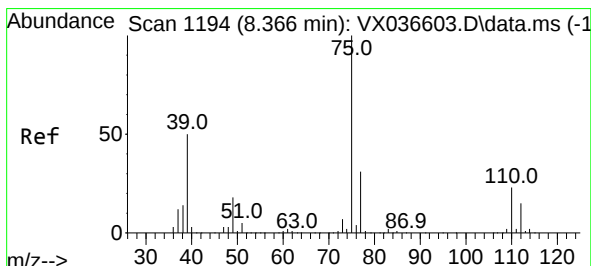
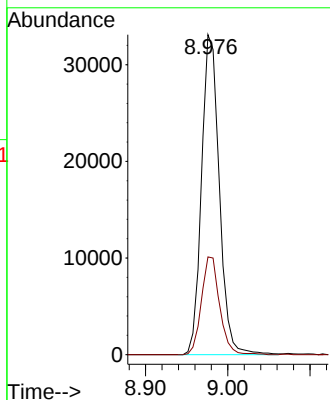
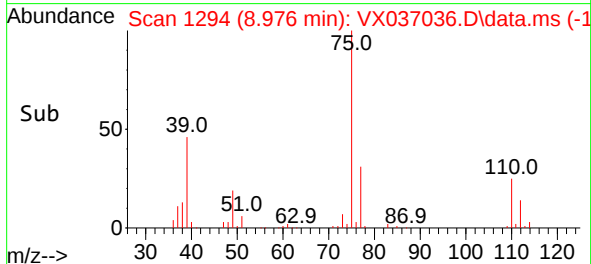
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



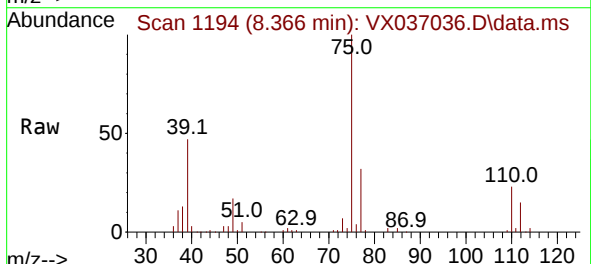
Tgt Ion: 75 Resp: 49782
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5

Manual Integrations
APPROVED

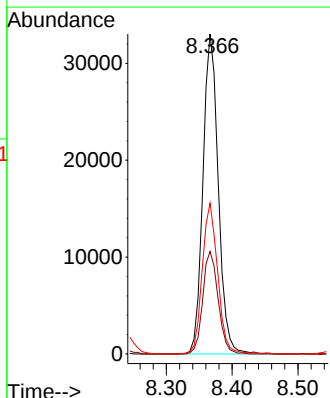
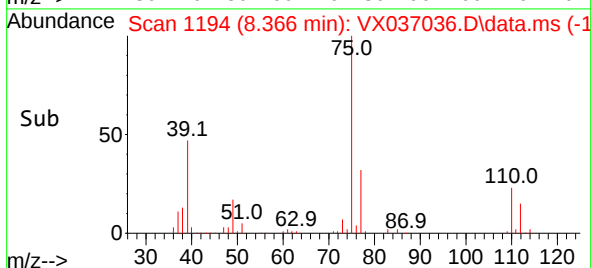
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

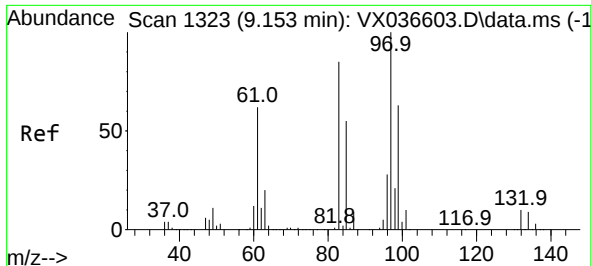


#54
cis-1,3-Dichloropropene
Concen: 17.034 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



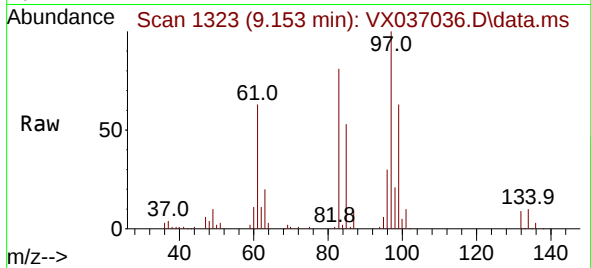
Tgt Ion: 75 Resp: 53692
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 47.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.805 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

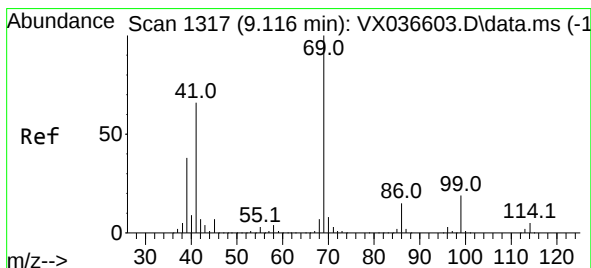
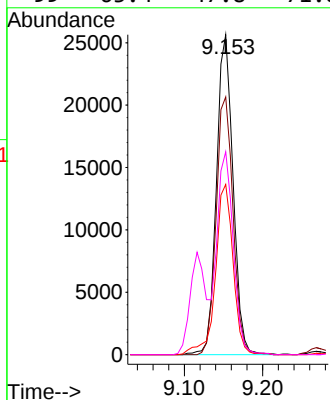
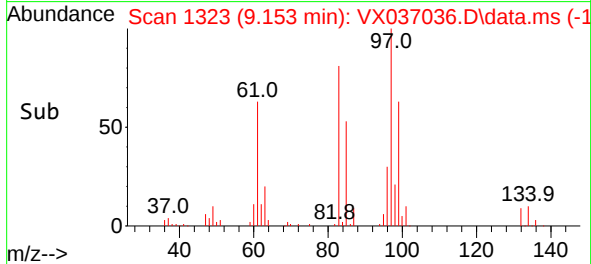
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



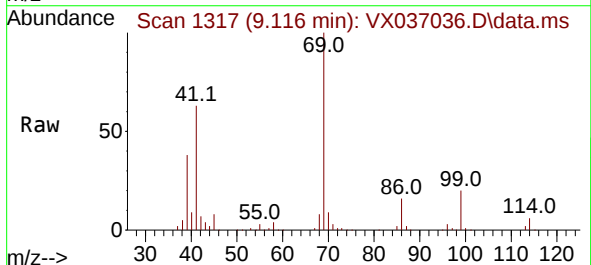
Tgt Ion: 97 Resp: 3775
Ion Ratio Lower Upper
97 100
83 80.5 65.8 98.8
85 53.2 41.6 62.4
99 63.4 47.8 71.8

Manual Integrations
APPROVED

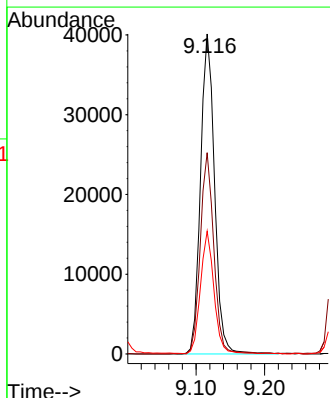
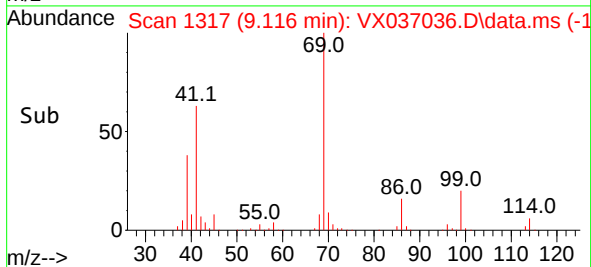
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

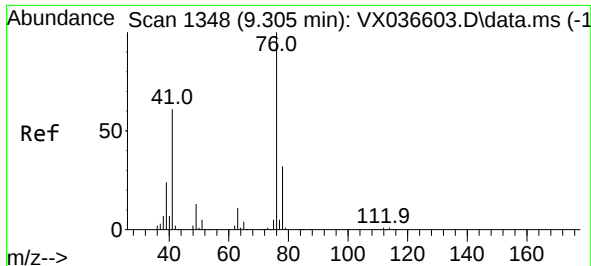


#56
Ethyl methacrylate
Concen: 19.382 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion: 69 Resp: 57280
Ion Ratio Lower Upper
69 100
41 60.9 56.8 85.2
39 36.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.466 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 76 Resp: 6186

Ion Ratio Lower Upper

76 100

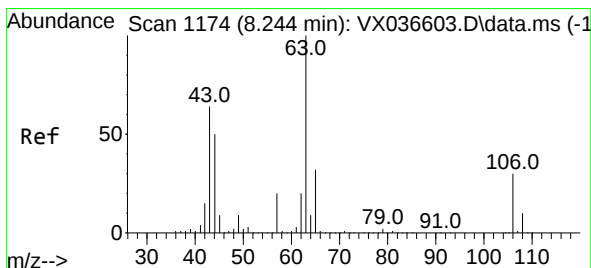
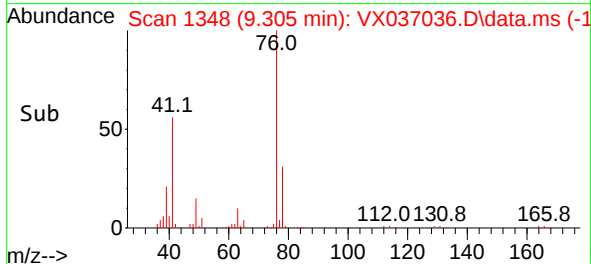
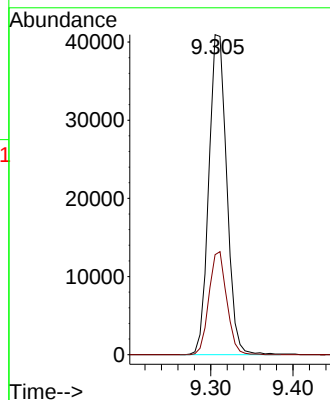
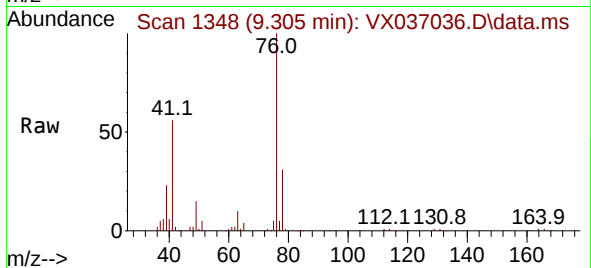
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.572 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037036.D

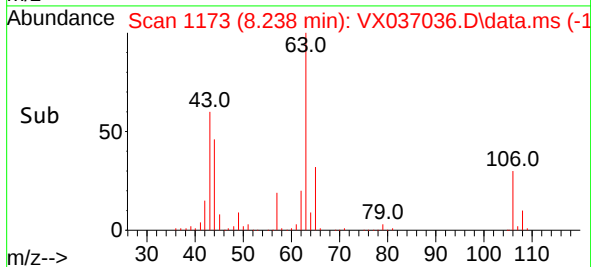
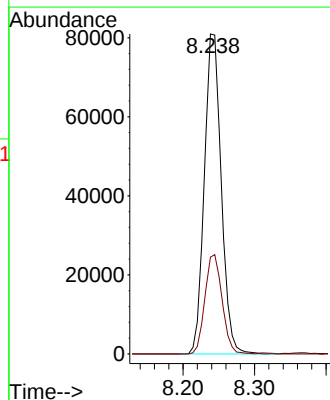
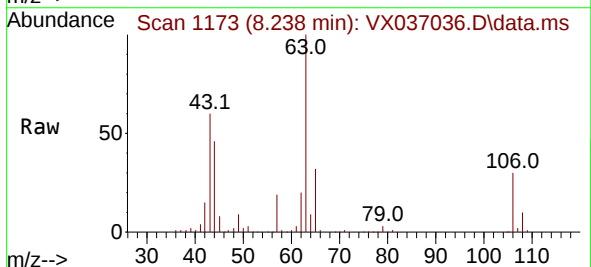
Acq: 17 Aug 2023 03:37

Tgt Ion: 63 Resp: 133347

Ion Ratio Lower Upper

63 100

106 31.5 22.5 33.7





#59

2-Hexanone

Concen: 96.634 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion: 43 Resp: 183138

Ion Ratio Lower Upper

43 100

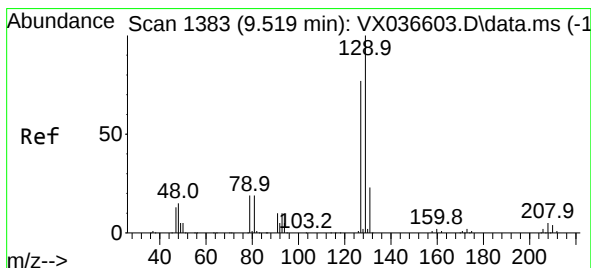
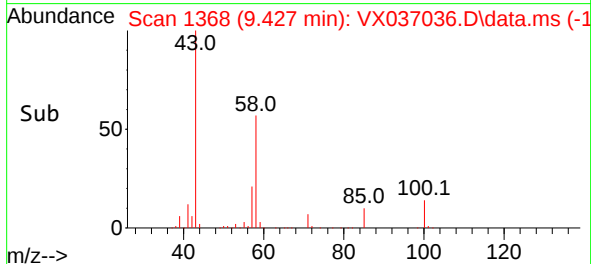
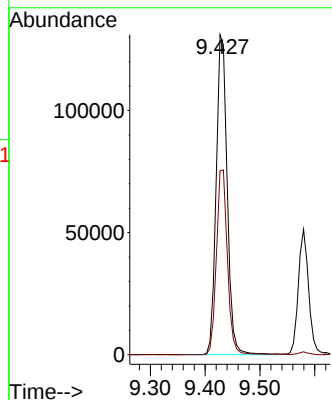
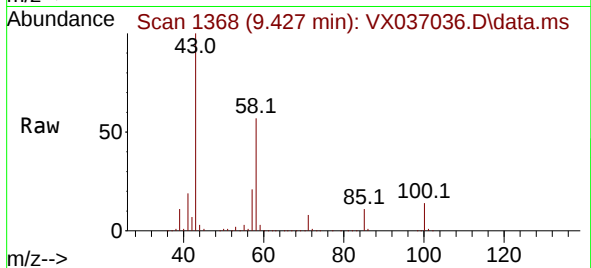
58 57.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#60

Dibromochloromethane

Concen: 20.041 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037036.D

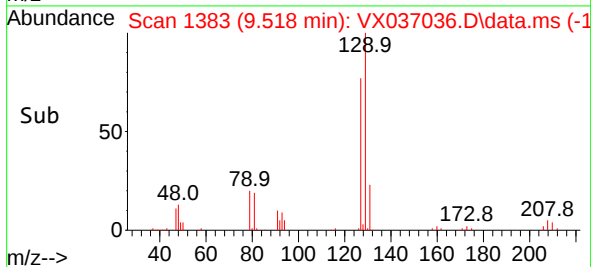
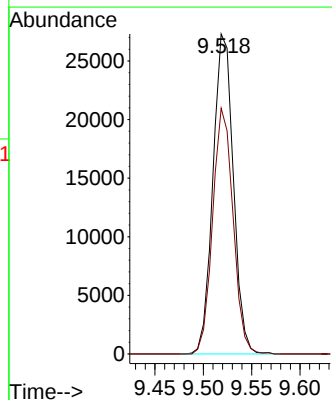
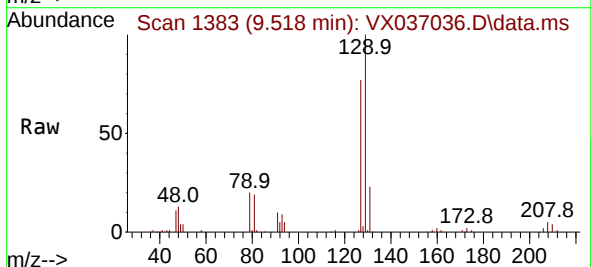
Acq: 17 Aug 2023 03:37

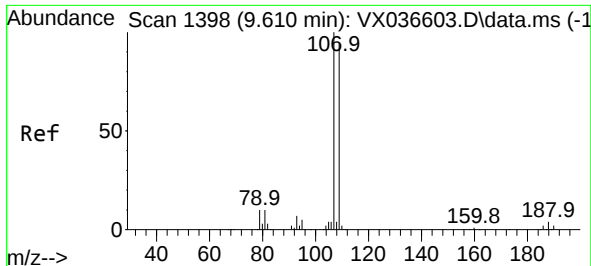
Tgt Ion:129 Resp: 39979

Ion Ratio Lower Upper

129 100

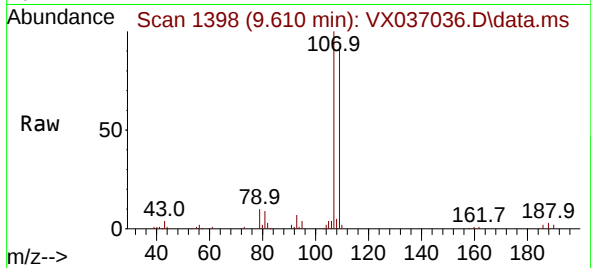
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.923 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

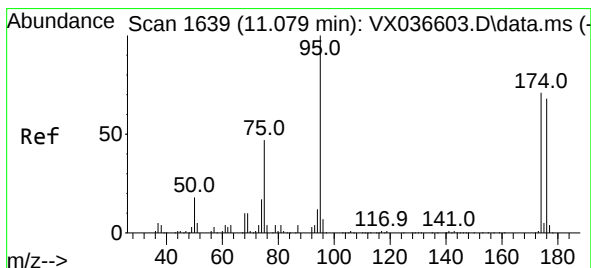
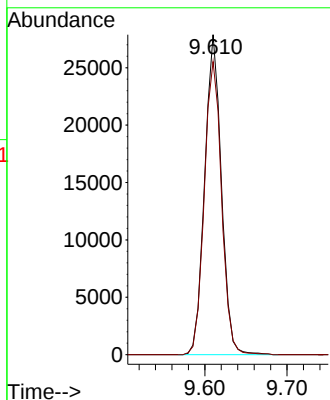
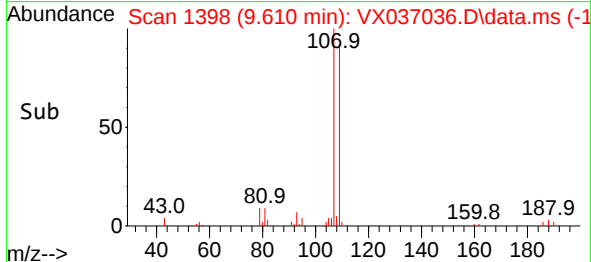
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion:107 Resp: 39350
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

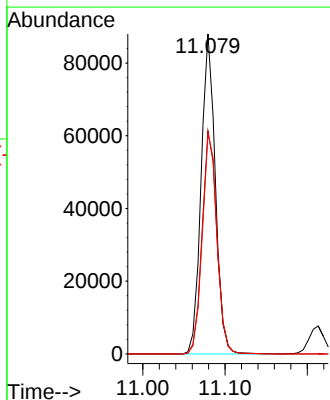
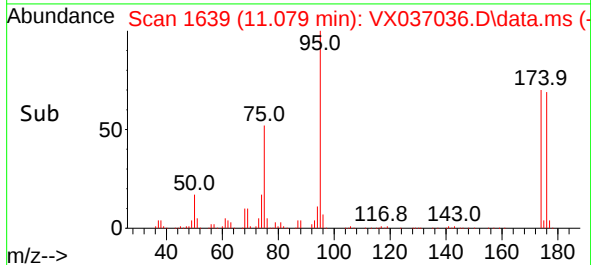
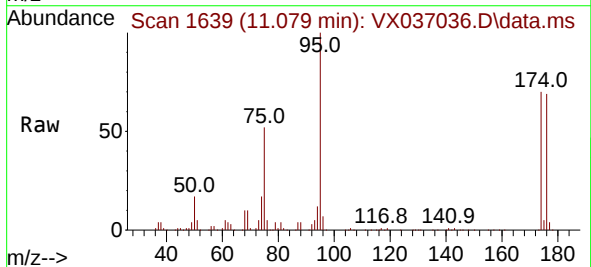
Manual Integrations
APPROVED

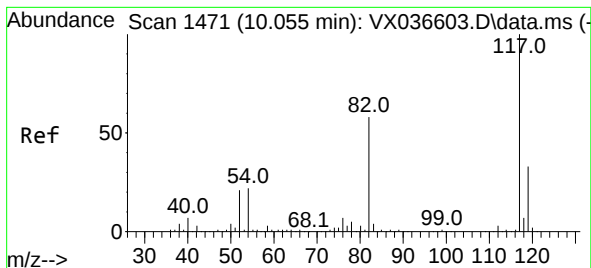
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#62
4-Bromofluorobenzene
Concen: 49.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

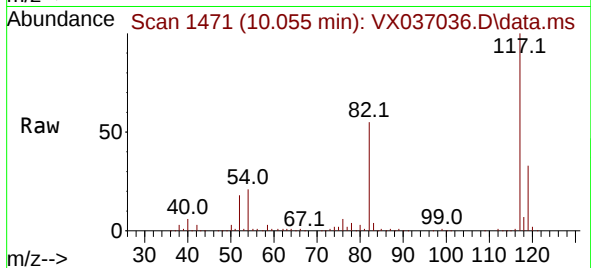
Tgt Ion: 95 Resp: 105454
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 71.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

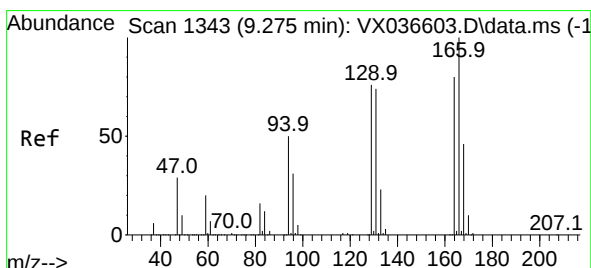
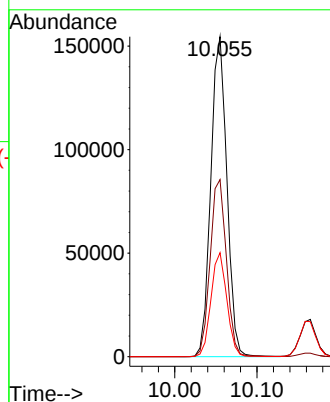
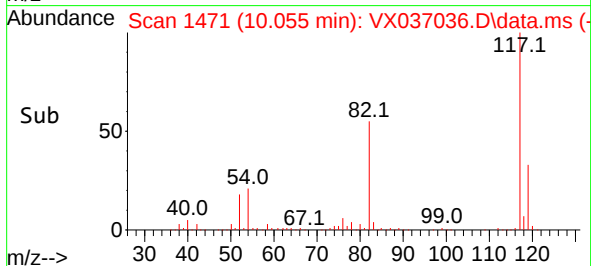
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion:117 Resp: 209709
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3

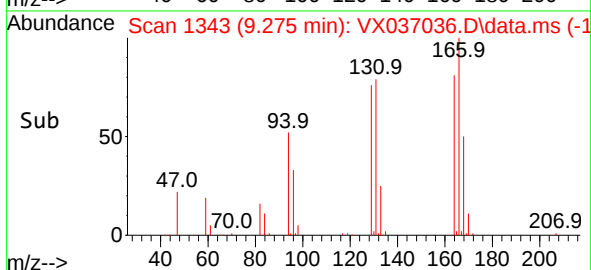
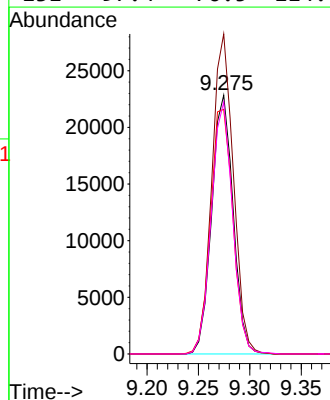
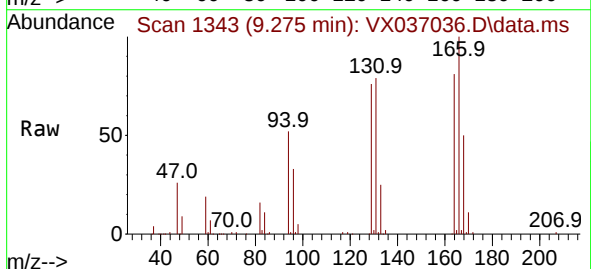
Manual Integrations
APPROVED

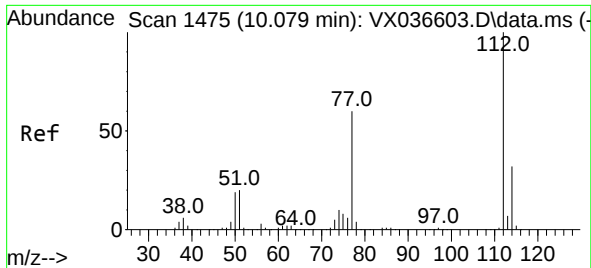
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#64
Tetrachloroethene
Concen: 21.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

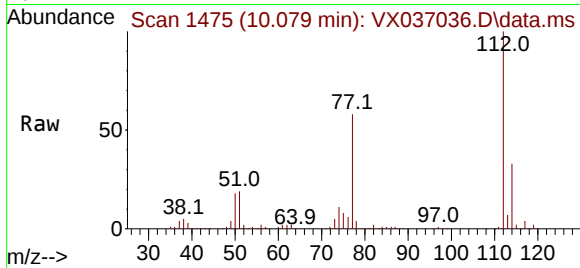
Tgt Ion:164 Resp: 32965
Ion Ratio Lower Upper
164 100
166 123.7 102.7 154.1
129 94.5 80.4 120.6
131 97.4 76.5 114.7





#65
Chlorobenzene
Concen: 20.413 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

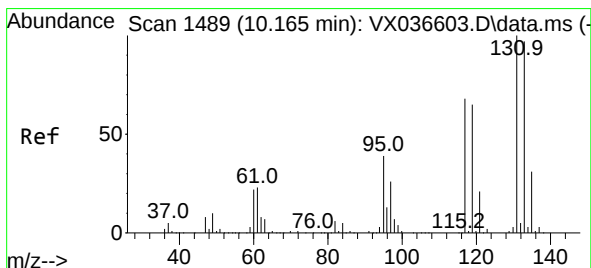
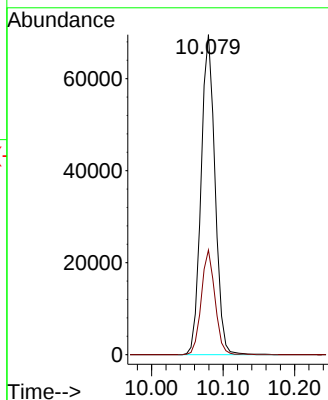
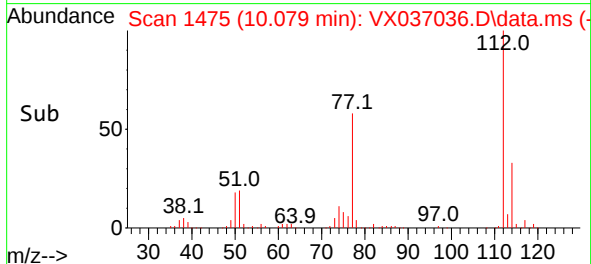
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



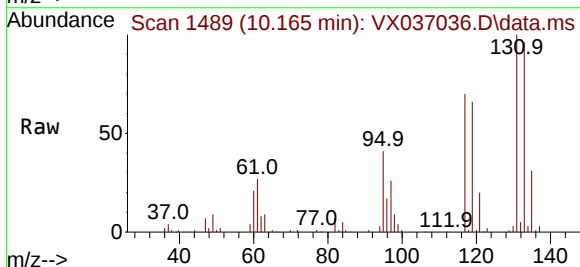
Tgt Ion:112 Resp: 94359
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

Manual Integrations
APPROVED

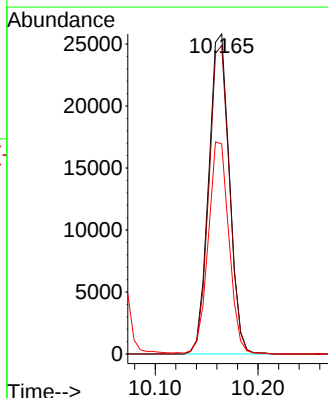
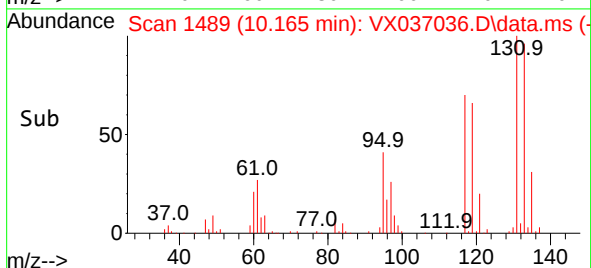
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

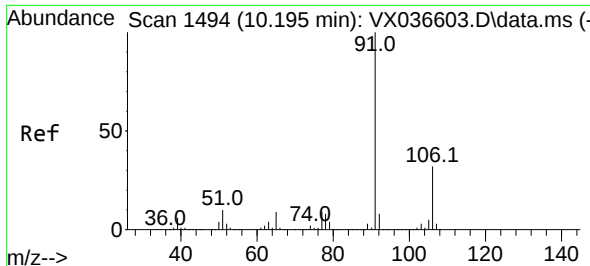


#66
1,1,1,2-Tetrachloroethane
Concen: 20.231 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



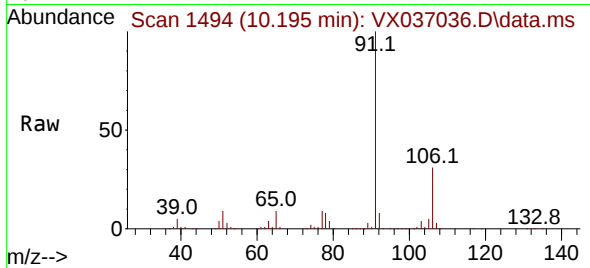
Tgt Ion:131 Resp: 36146
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 19.746 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

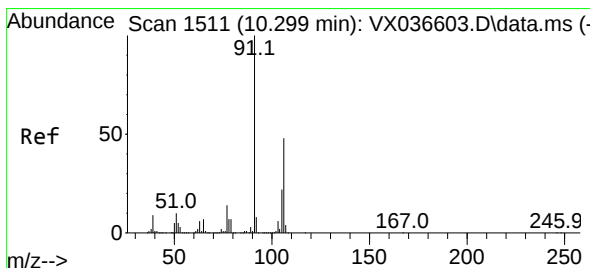
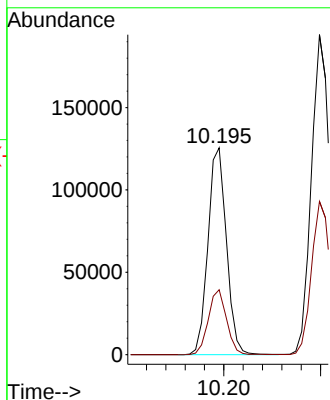
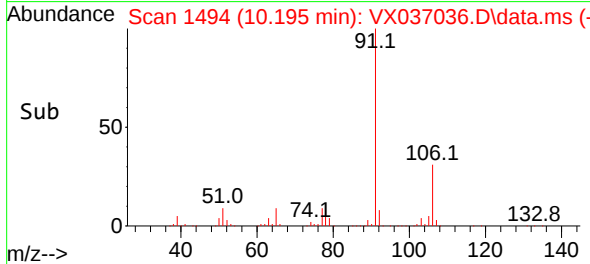
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



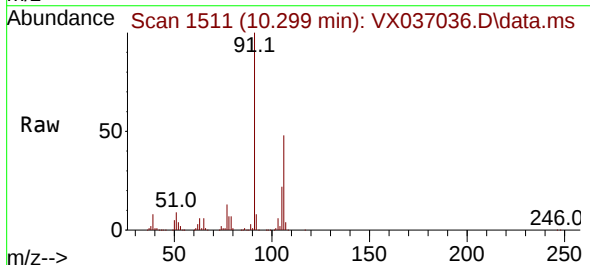
Tgt Ion: 91 Resp: 16675
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

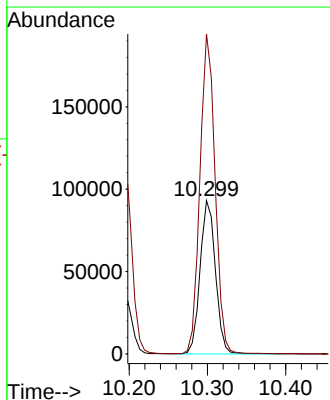
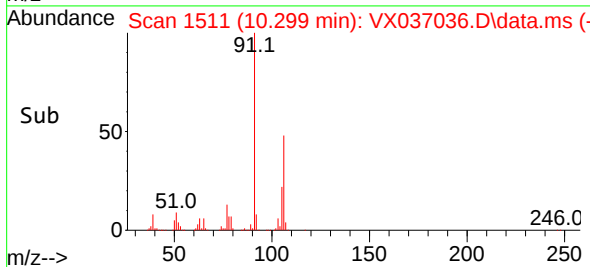
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

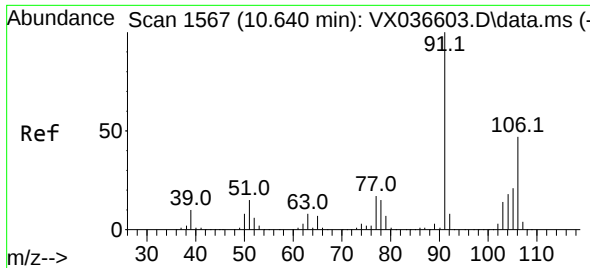


#68
m/p-Xylenes
Concen: 40.162 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion:106 Resp: 126541
Ion Ratio Lower Upper
106 100
91 206.2 165.5 248.3





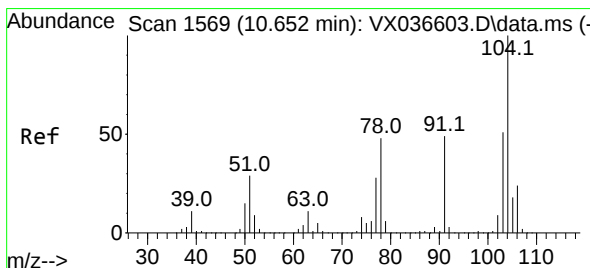
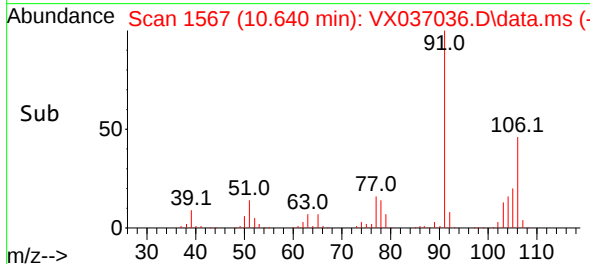
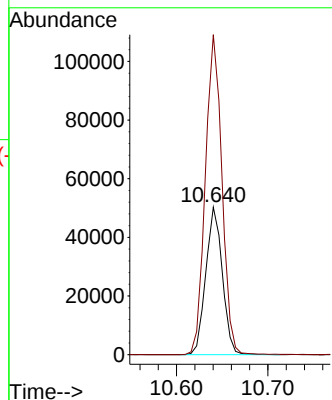
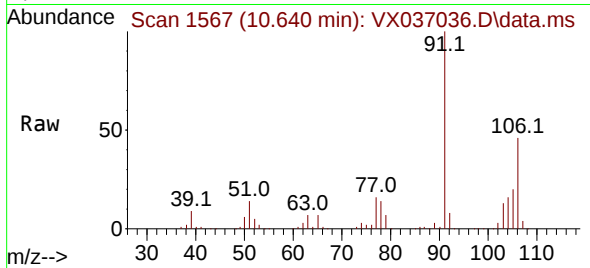
#69
o-Xylene
Concen: 20.051 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Tgt Ion:106 Resp: 63062
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.8

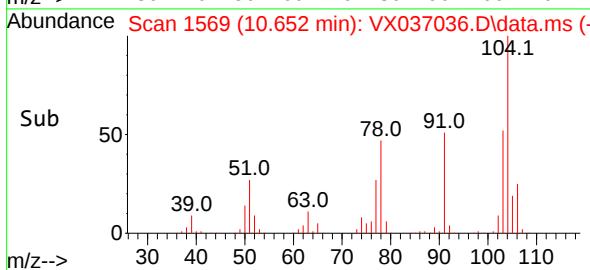
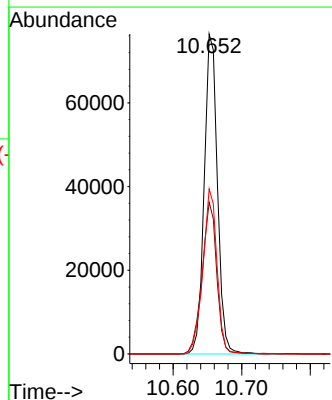
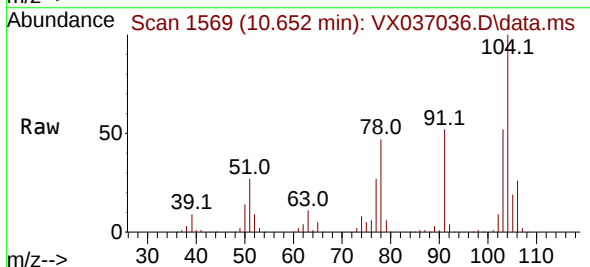
Manual Integrations
APPROVED

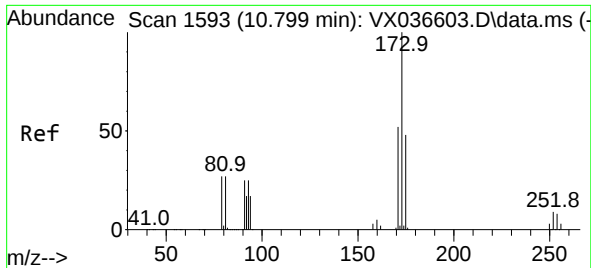
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#70
Styrene
Concen: 19.887 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

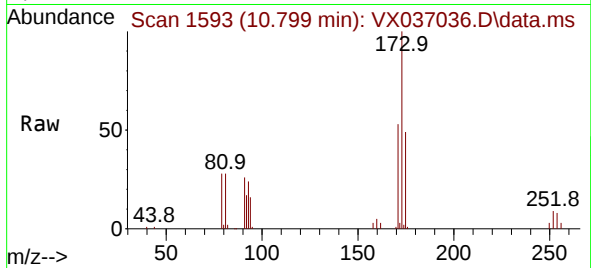
Tgt Ion:104 Resp: 103190
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 18.507 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

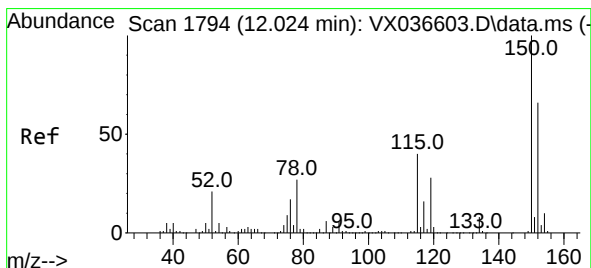
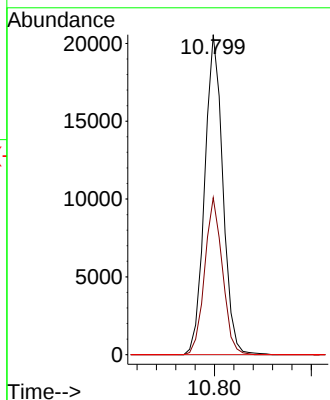
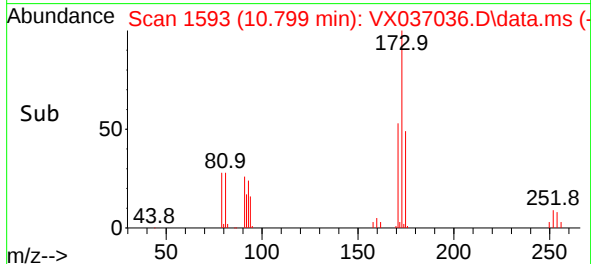
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



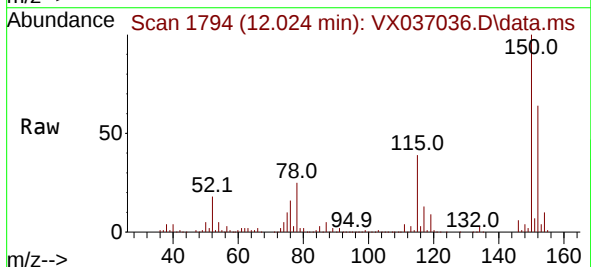
Tgt Ion:173 Resp: 2676
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

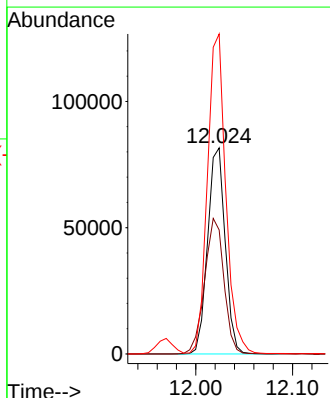
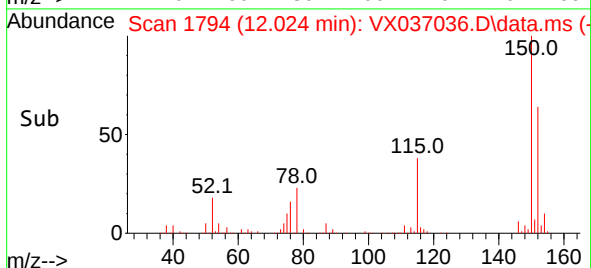
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

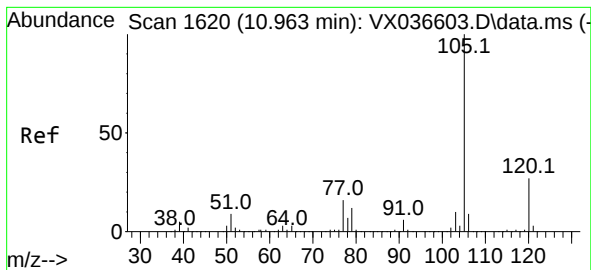


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion:152 Resp: 103044
Ion Ratio Lower Upper
152 100
115 72.2 43.3 129.9
150 162.0 0.0 345.0





#73

Isopropylbenzene

Concen: 19.124 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

Tgt Ion:105 Resp: 163089

Ion Ratio Lower Upper

105 100

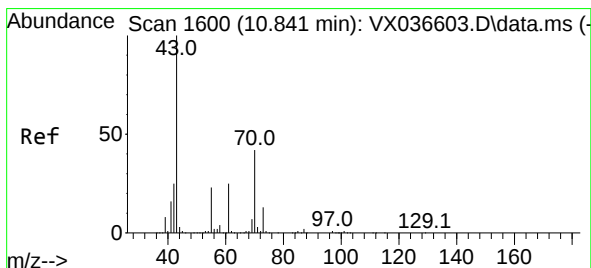
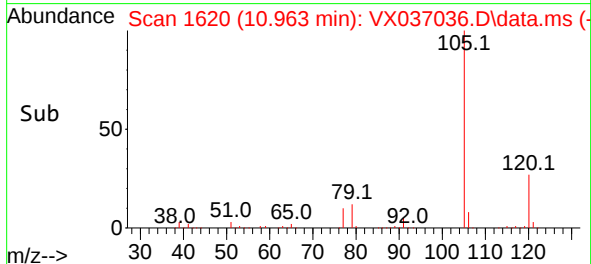
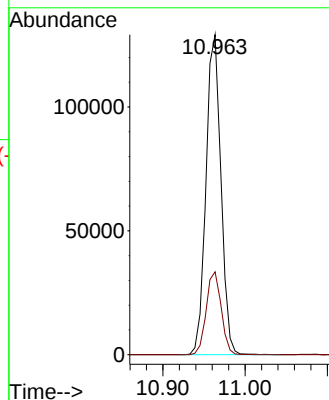
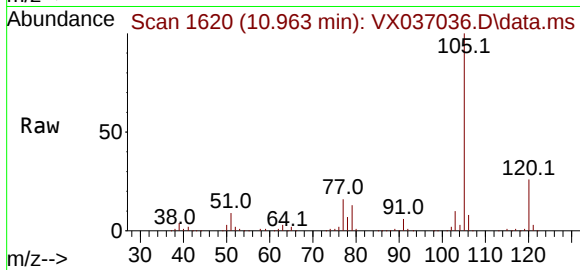
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#74

N-ethyl acetate

Concen: 16.211 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Tgt Ion: 43 Resp: 64465

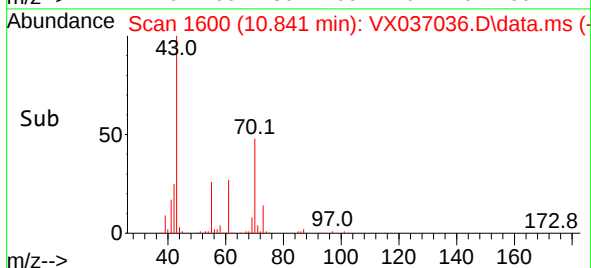
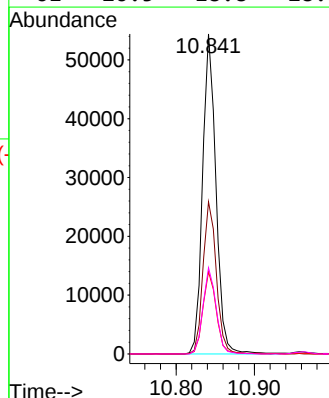
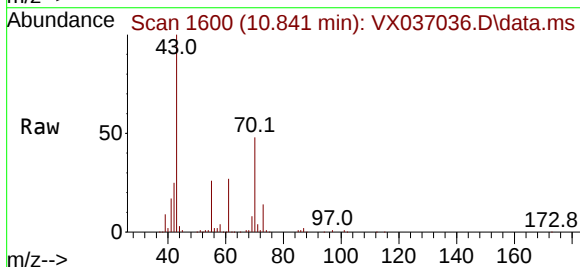
Ion Ratio Lower Upper

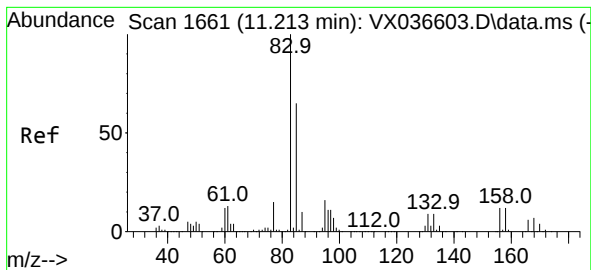
43 100

70 47.8 32.9 49.3

55 25.8 19.3 28.9

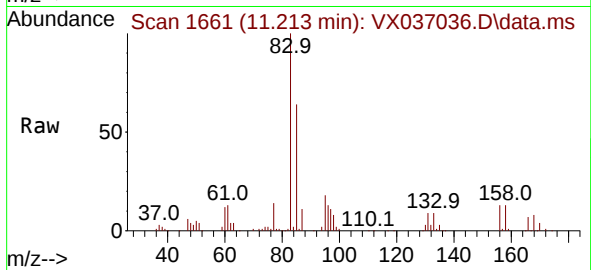
61 26.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.254 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

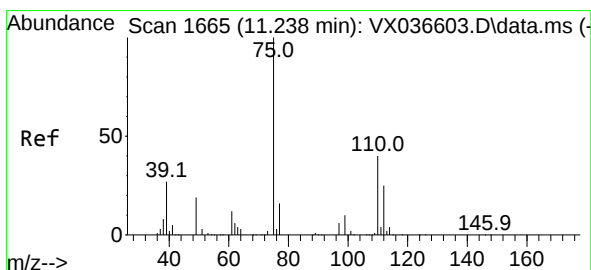
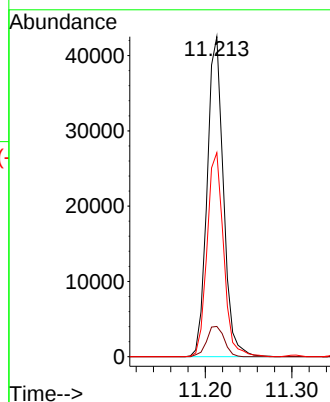
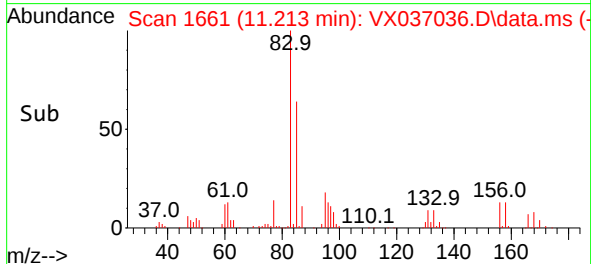
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



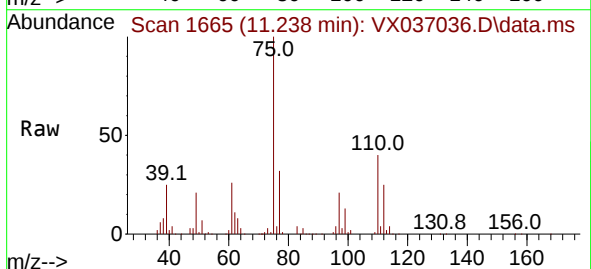
Tgt Ion: 83 Resp: 5545
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.8 32.0 96.2

Manual Integrations
APPROVED

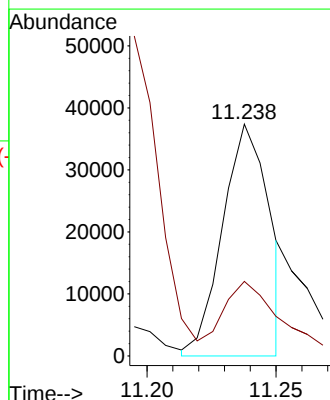
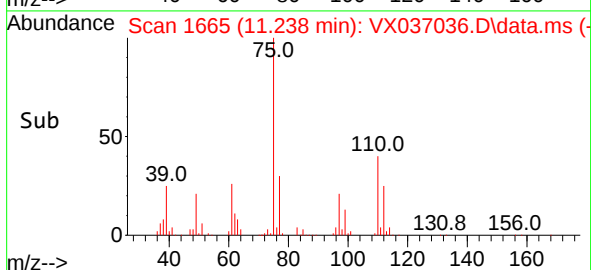
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#76
1,2,3-Trichloropropane
Concen: 19.427 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion: 75 Resp: 47086
Ion Ratio Lower Upper
75 100
77 40.6 19.1 57.5





#77

Bromobenzene

Concen: 19.999 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

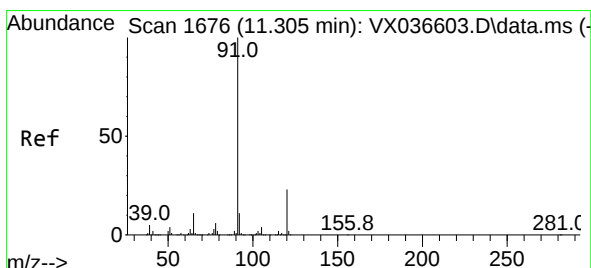
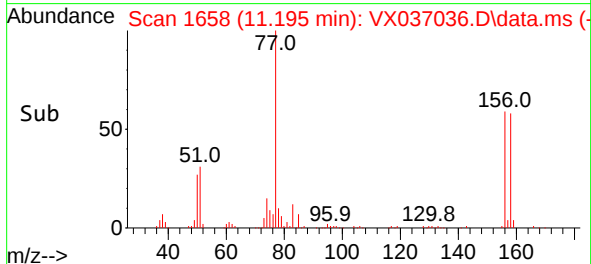
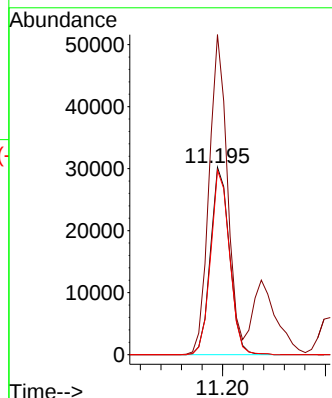
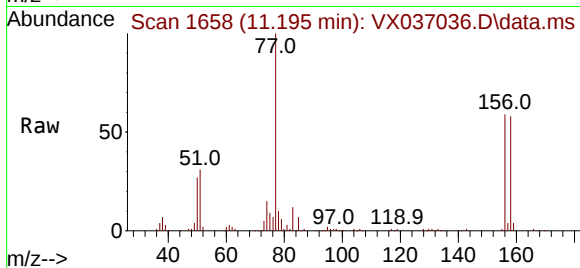
Tgt Ion:	156	Resp:	38839
Ion Ratio	Lower	Upper	
156	100		
77	164.3	88.4	265.3
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#78

n-propylbenzene

Concen: 18.314 ug/l

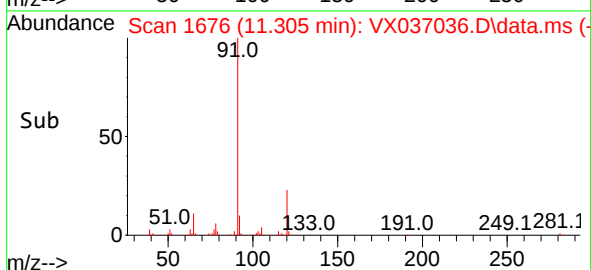
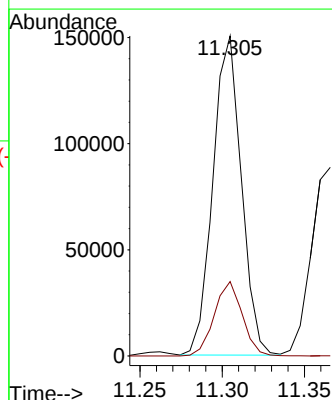
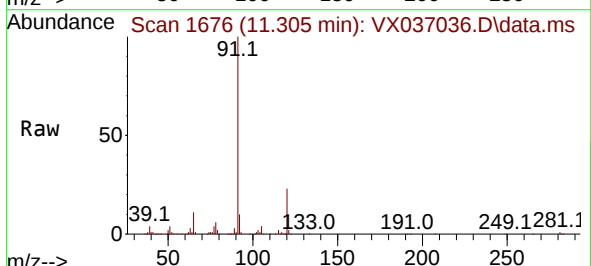
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Tgt Ion:	91	Resp:	180618
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





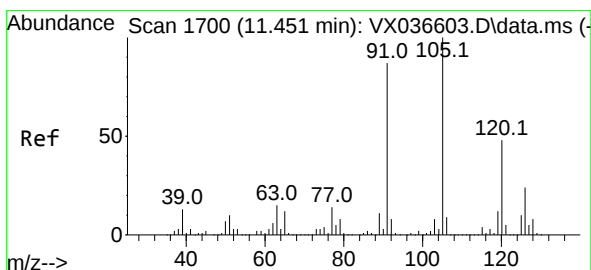
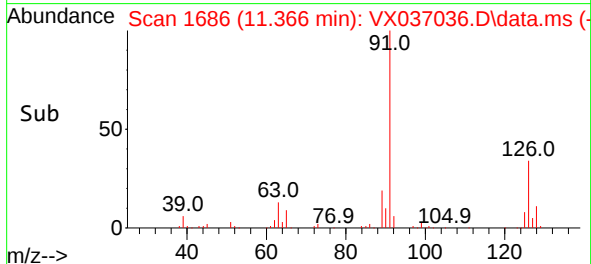
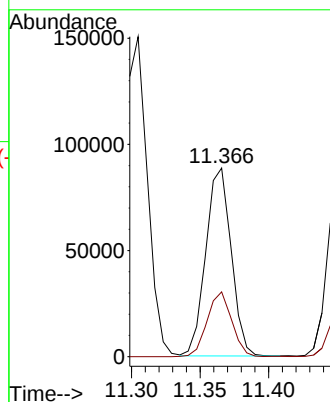
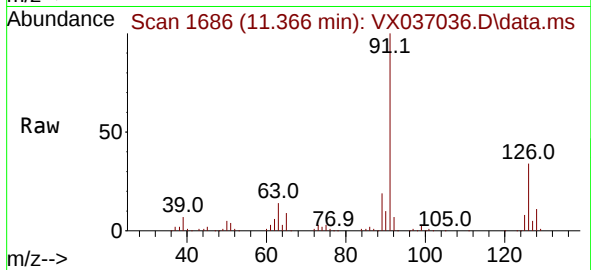
#79
2-Chlorotoluene
Concen: 19.151 ug/l
RT: 11.366 min Scan# 114452
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01

Tgt Ion: 91 Resp: 114452
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

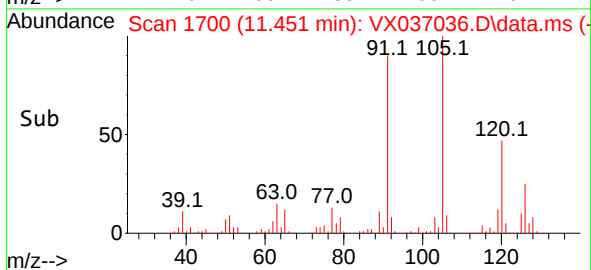
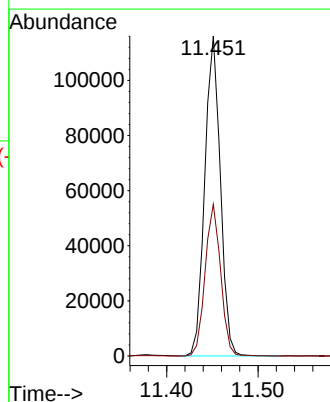
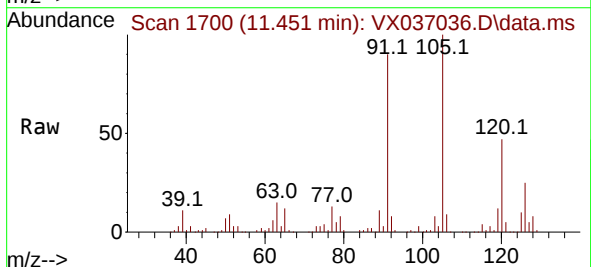
Manual Integrations
APPROVED

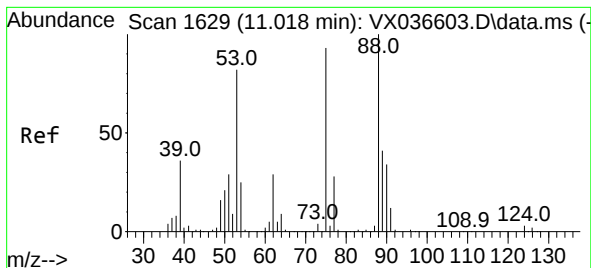
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.206 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

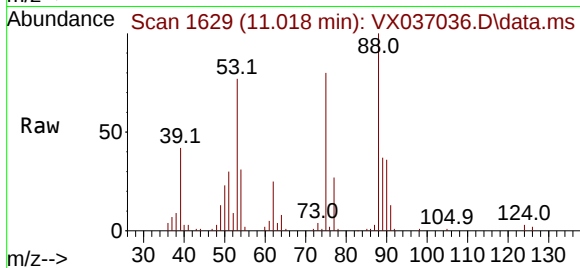
Tgt Ion:105 Resp: 137019
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 12.187 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

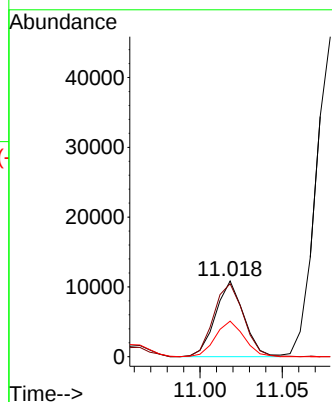
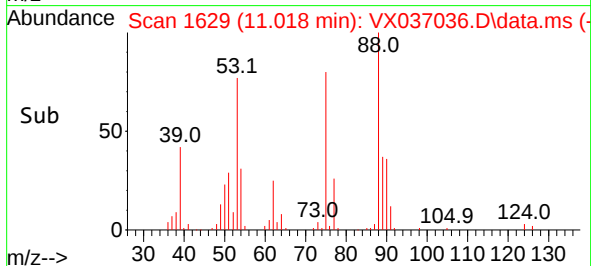
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



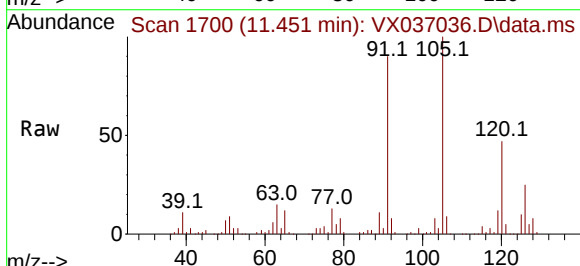
Tgt Ion: 75 Resp: 13032
Ion Ratio Lower Upper
75 100
53 102.0 90.5 135.7
89 47.3 36.9 55.3

Manual Integrations
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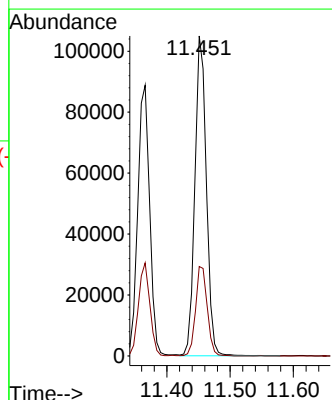
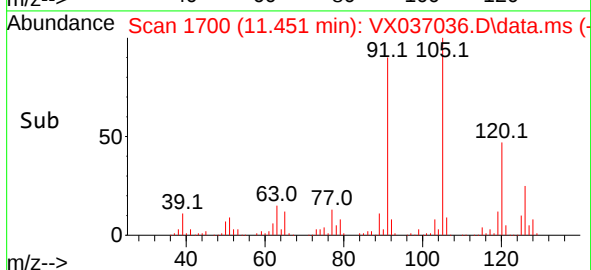
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#82
4-Chlorotoluene
Concen: 19.467 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion: 91 Resp: 132560
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.652 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

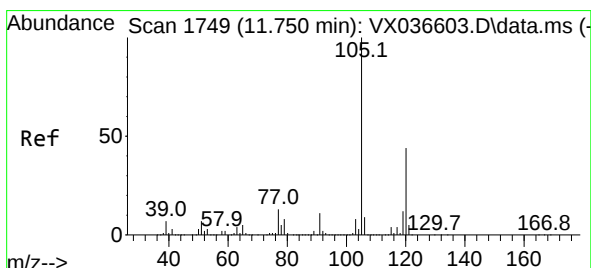
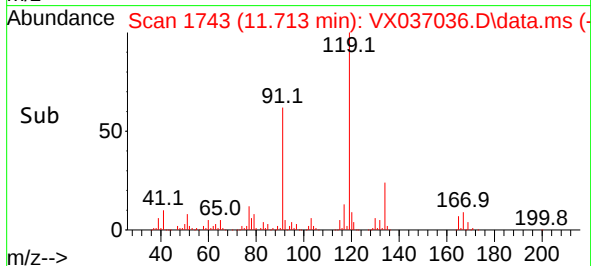
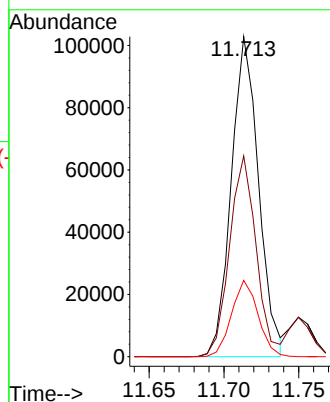
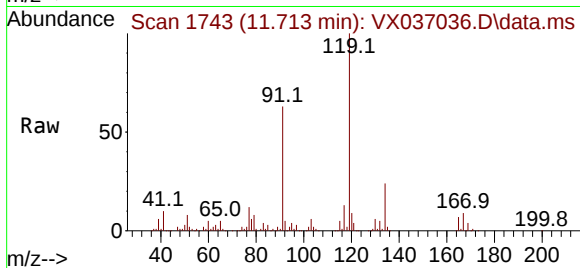
Tgt Ion:119 Resp: 130724
 Ion Ratio Lower Upper
 119 100
 91 61.2 31.2 93.6
 134 23.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.220 ug/l

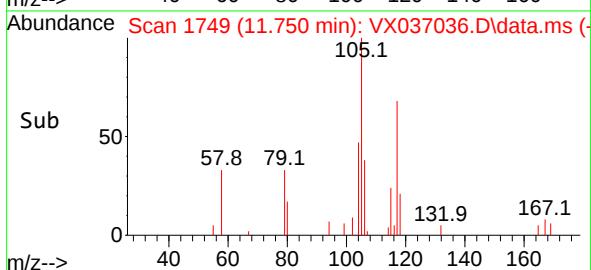
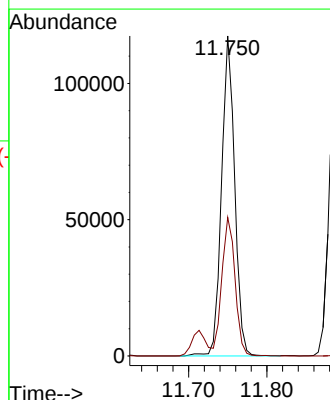
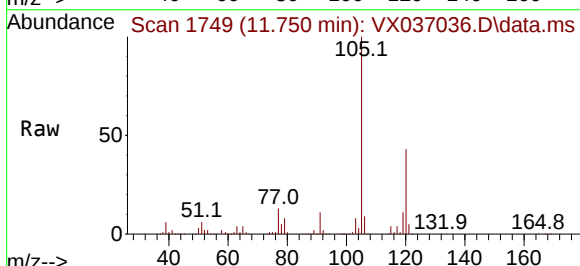
RT: 11.750 min Scan# 1749

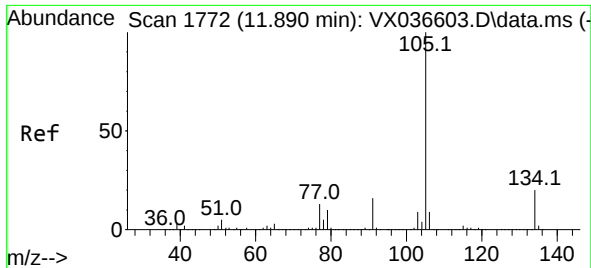
Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

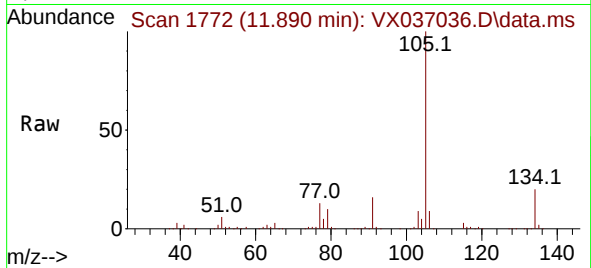
Tgt Ion:105 Resp: 137132
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 17.668 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37

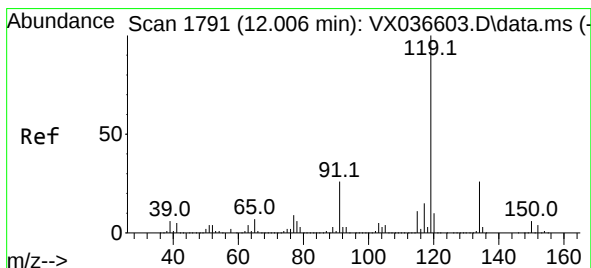
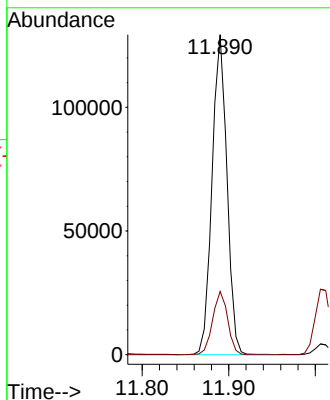
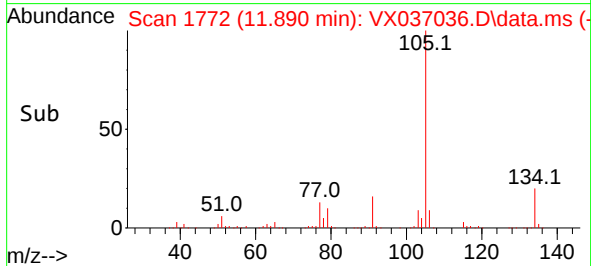
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBS01



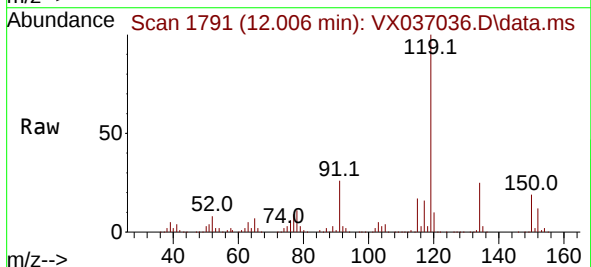
Tgt Ion:105 Resp: 154420
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
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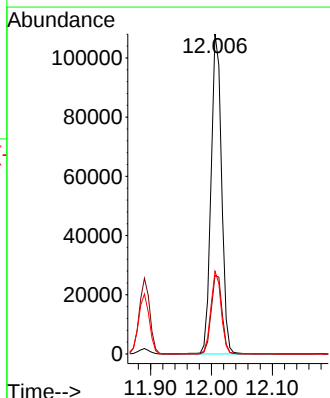
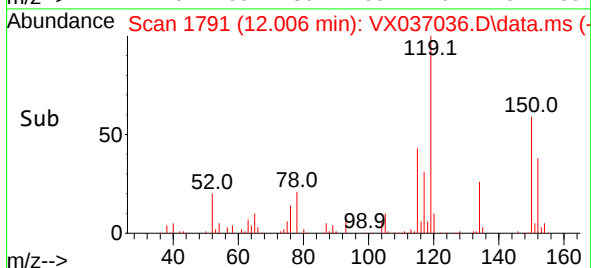
Reviewed By :John Carlone 08/17/2023
 Supervised By :Mahesh Dadoda 08/17/2023



#86
 p-Isopropyltoluene
 Concen: 17.944 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX037036.D
 Acq: 17 Aug 2023 03:37



Tgt Ion:119 Resp: 129050
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

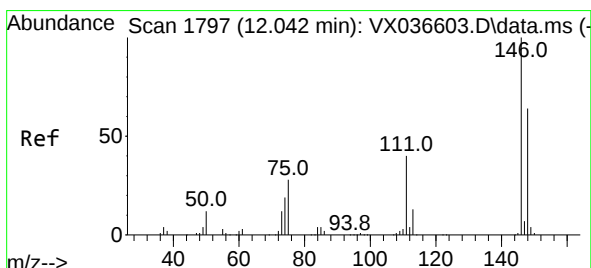
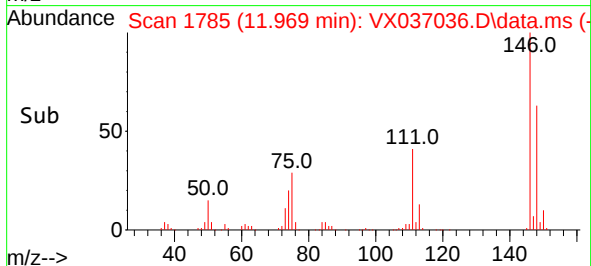
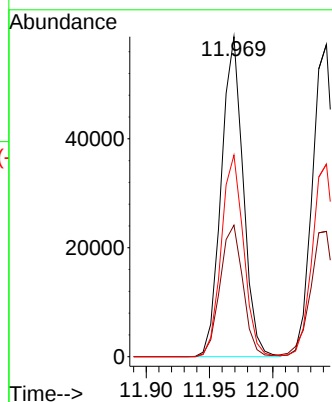
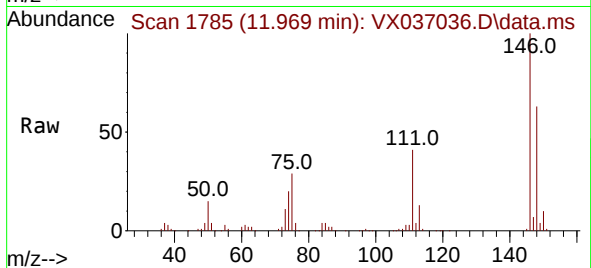
Tgt Ion:146 Resp: 70735
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.1
 148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#88

1,4-Dichlorobenzene

Concen: 20.216 ug/l

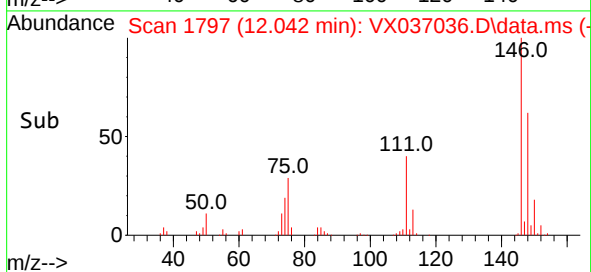
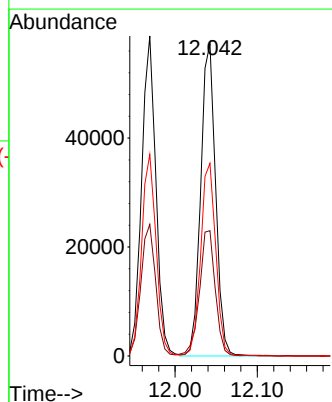
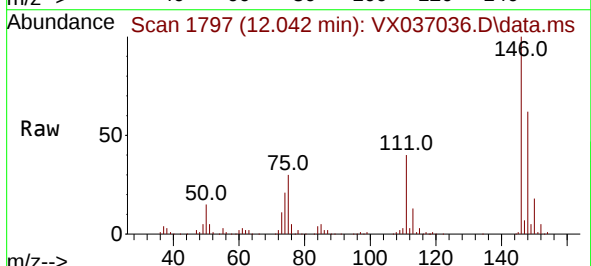
RT: 12.042 min Scan# 1797

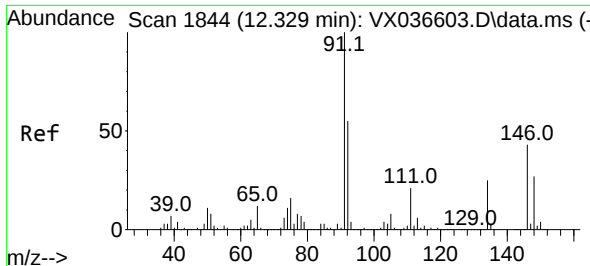
Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

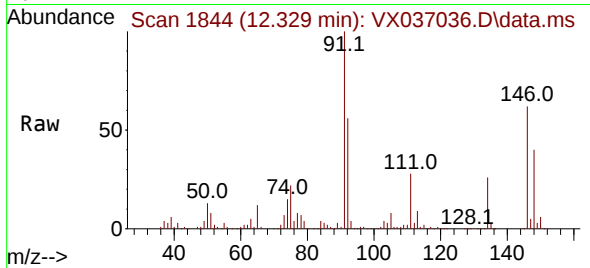
Tgt Ion:146 Resp: 72164
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 15.760 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

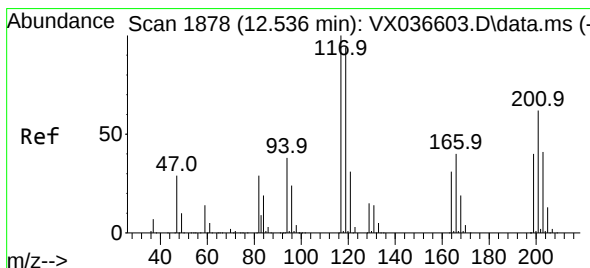
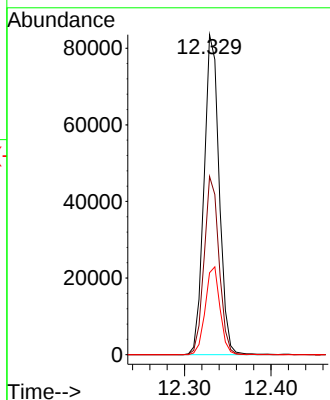
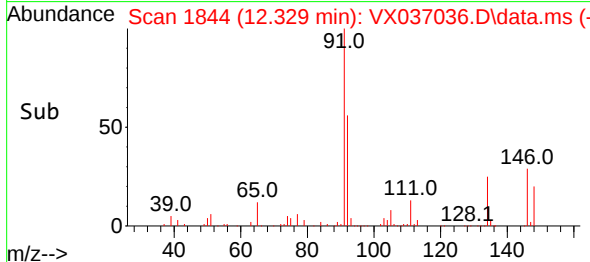
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



Tgt Ion: 91 Resp: 101464
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 26.7 12.6 37.8

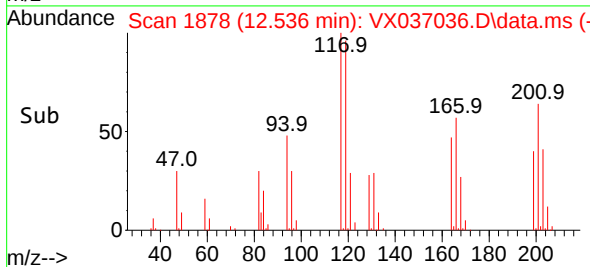
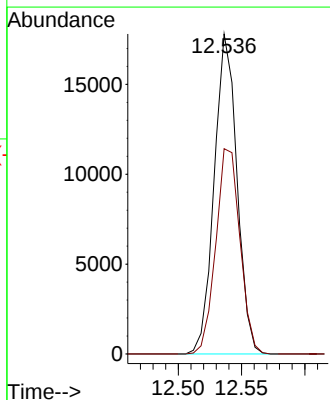
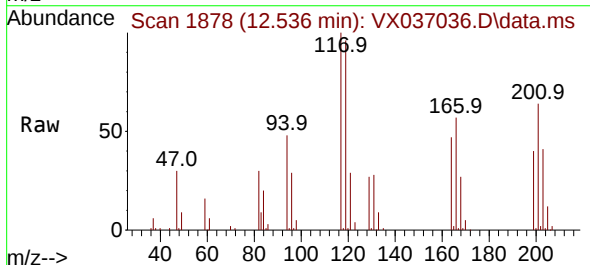
Manual Integrations
APPROVED

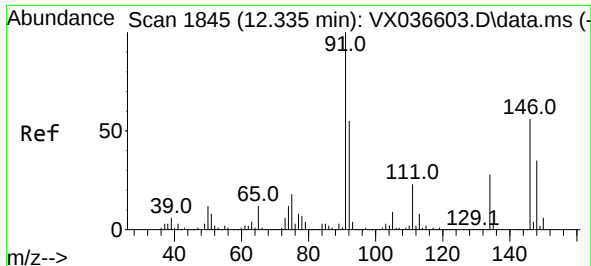
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#90
Hexachloroethane
Concen: 15.241 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

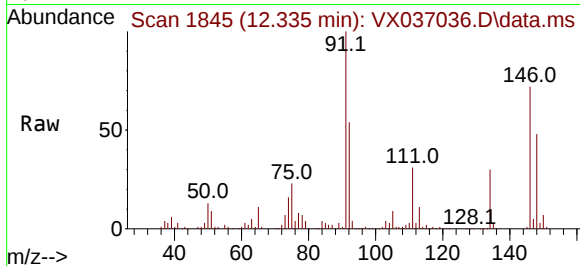
Tgt Ion:117 Resp: 22221
Ion Ratio Lower Upper
117 100
201 68.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.407 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

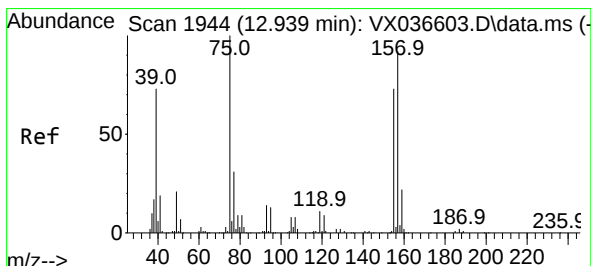
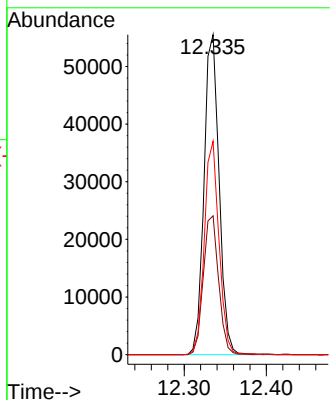
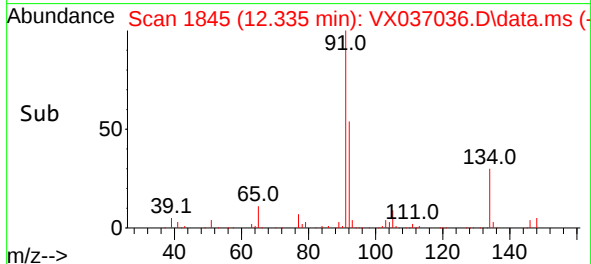
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



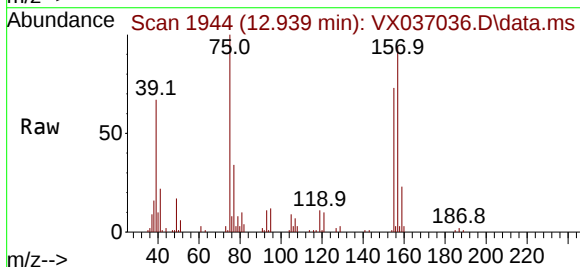
Tgt Ion:146 Resp: 70832
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations
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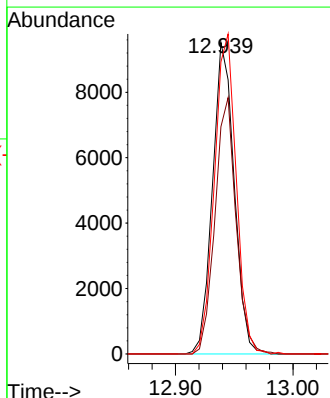
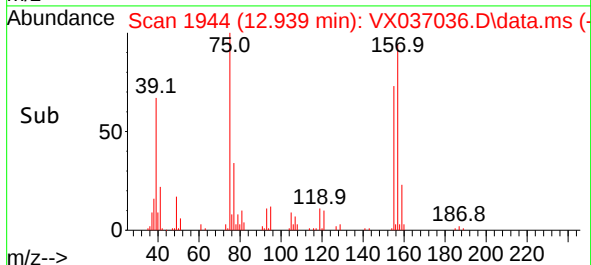
Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023

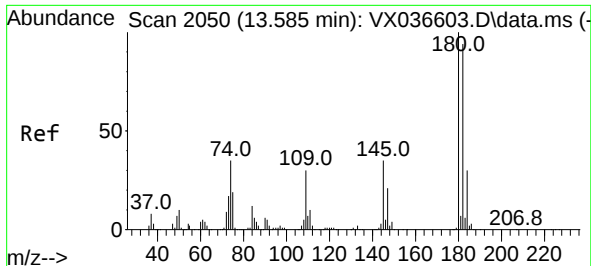


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.225 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion: 75 Resp: 12198
Ion Ratio Lower Upper
75 100
155 80.1 36.1 108.5
157 103.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.082 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBS01

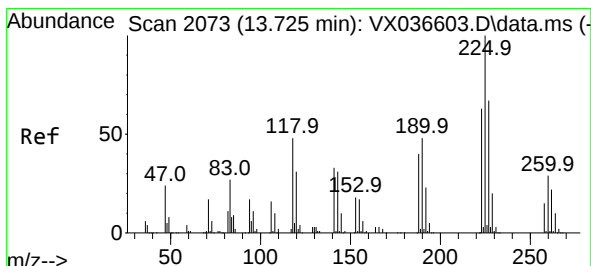
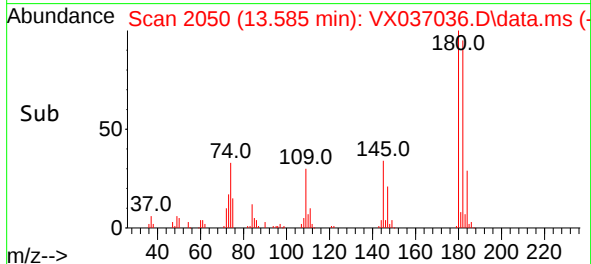
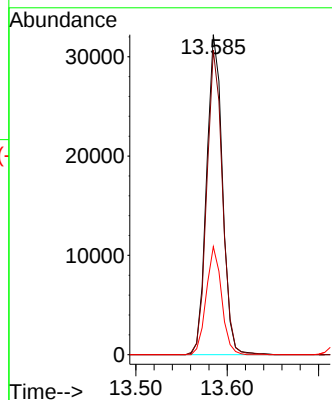
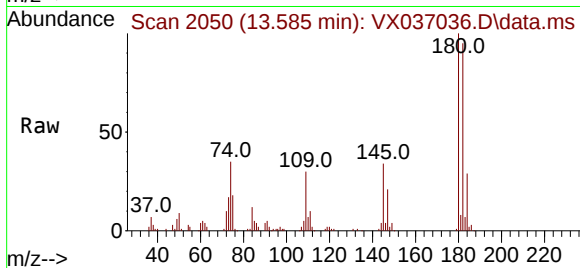
Tgt Ion:180	Resp:	3866
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.3 144.8
145	32.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2023

Supervised By :Mahesh Dadoda 08/17/2023



#94

Hexachlorobutadiene

Concen: 17.086 ug/l

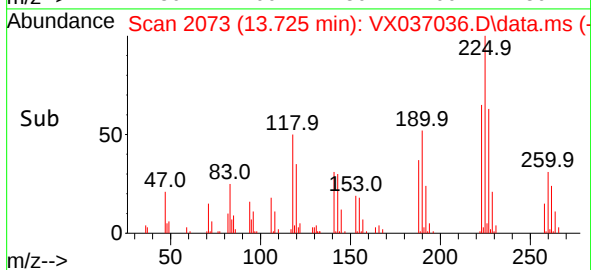
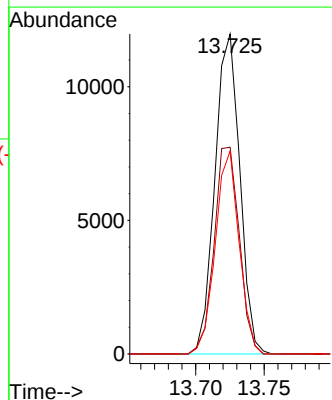
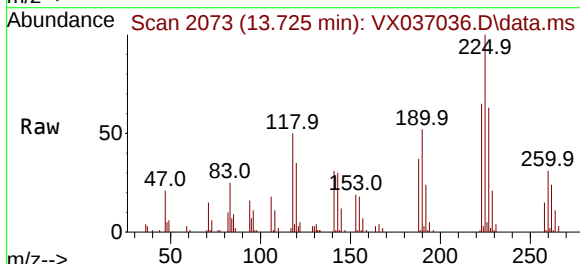
RT: 13.725 min Scan# 2073

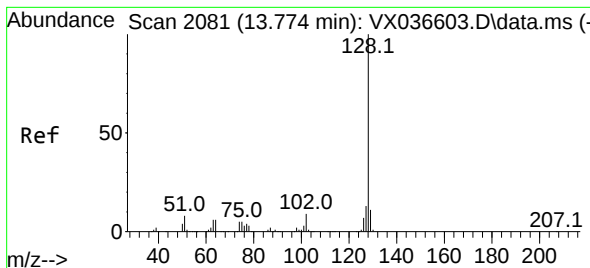
Delta R.T. -0.000 min

Lab File: VX037036.D

Acq: 17 Aug 2023 03:37

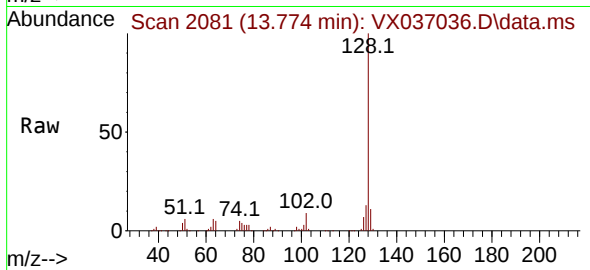
Tgt Ion:225	Resp:	15116
Ion Ratio	Lower	Upper
225	100	
223	65.3	31.1 93.2
227	60.8	32.5 97.5





#95
Naphthalene
Concen: 20.058 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37

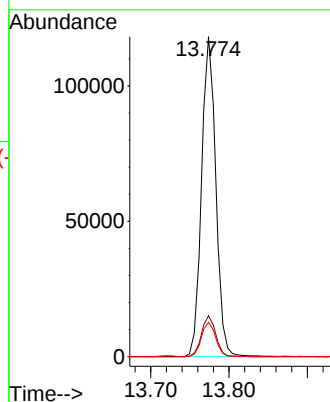
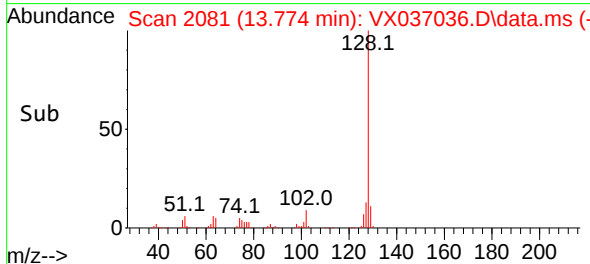
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBS01



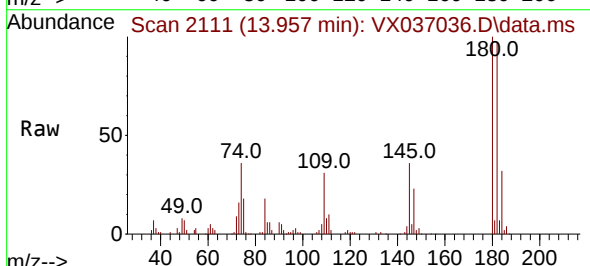
Tgt Ion:128 Resp: 149470
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2023
Supervised By :Mahesh Dadoda 08/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.795 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX037036.D
Acq: 17 Aug 2023 03:37



Tgt Ion:180 Resp: 39614
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 35.0 17.8 53.5

