

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037745.D
 Acq On : 15 Sep 2023 09:49
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2023
 Supervised By : Mahesh Dadoda 09/18/2023

Quant Time: Sep 16 04:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	238299	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	395398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55093	17.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	35.200%	#	
35) Dibromofluoromethane	5.385	113	44836	16.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.900%	#	
50) Toluene-d8	8.653	98	170639	17.359	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.720%	#	
62) 4-Bromofluorobenzene	11.079	95	61582	17.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	34.480%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	51277	20.415	ug/l	96
3) Chloromethane	1.301	50	55426	20.281	ug/l	96
4) Vinyl Chloride	1.374	62	60110	20.388	ug/l	100
5) Bromomethane	1.599	94	47623	22.563	ug/l	97
6) Chloroethane	1.685	64	39698	19.545	ug/l	95
7) Trichlorofluoromethane	1.886	101	98558	20.793	ug/l	99
8) Diethyl Ether	2.136	74	37061	20.182	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	47025	19.549	ug/l	95
10) Methyl Iodide	2.453	142	66095	20.762	ug/l	93
11) Tert butyl alcohol	2.959	59	70128	104.351	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	47519	20.440	ug/l	87
13) Acrolein	2.233	56	65554	98.739	ug/l	100
14) Allyl chloride	2.666	41	76192	19.678	ug/l	# 96
15) Acrylonitrile	3.062	53	152113	101.803	ug/l	99
16) Acetone	2.380	43	155381	103.164	ug/l	# 88
17) Carbon Disulfide	2.514	76	113281	19.435	ug/l	100
18) Methyl Acetate	2.703	43	108815	20.027	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	172170	20.132	ug/l	97
20) Methylene Chloride	2.788	84	58178	20.878	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52401	20.299	ug/l	90
22) Diisopropyl ether	3.764	45	162006	20.087	ug/l	# 89
23) Vinyl Acetate	3.721	43	604896	101.963	ug/l	97
24) 1,1-Dichloroethane	3.611	63	96552	19.977	ug/l	98
25) 2-Butanone	4.556	43	215062	101.213	ug/l	90
26) 2,2-Dichloropropane	4.477	77	76159	19.502	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	62600	19.780	ug/l	90
28) Bromochloromethane	4.898	49	41030	18.197	ug/l	84
29) Tetrahydrofuran	5.007	42	134927	102.065	ug/l	90
30) Chloroform	5.099	83	103000	19.783	ug/l	95
31) Cyclohexane	5.471	56	82365	20.496	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	90438	20.515	ug/l	97
36) 1,1-Dichloropropene	5.690	75	73258	20.101	ug/l	98
37) Ethyl Acetate	4.715	43	80676	20.619	ug/l	96
38) Carbon Tetrachloride	5.678	117	76456	20.050	ug/l	97
39) Methylcyclohexane	7.379	83	90407	19.545	ug/l	95
40) Benzene	6.038	78	224128	19.998	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39524	19.347	ug/l #	85
42) 1,2-Dichloroethane	6.092	62	81143	19.971	ug/l	96
43) Isopropyl Acetate	6.342	43	126531	19.750	ug/l	96
44) Trichloroethene	7.129	130	58744	18.822	ug/l	98
45) 1,2-Dichloropropane	7.434	63	57752	19.843	ug/l	100
46) Dibromomethane	7.580	93	42250	20.180	ug/l	93
47) Bromodichloromethane	7.824	83	75918	19.689	ug/l	96
48) Methyl methacrylate	7.696	41	61168	19.973	ug/l #	87
49) 1,4-Dioxane	7.659	88	34228	426.301	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	419772	103.272	ug/l	96
52) Toluene	8.720	92	145109	20.090	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	79850	19.895	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88968	19.939	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	61296	20.128	ug/l	96
56) Ethyl methacrylate	9.116	69	90143	19.828	ug/l	93
57) 1,3-Dichloropropane	9.311	76	98539	19.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	203351	95.792	ug/l	99
59) 2-Hexanone	9.433	43	330851	104.541	ug/l	95
60) Dibromochloromethane	9.519	129	59680	19.673	ug/l	100
61) 1,2-Dibromoethane	9.610	107	65469	20.305	ug/l	99
64) Tetrachloroethene	9.275	164	50510	19.879	ug/l	98
65) Chlorobenzene	10.080	112	156668	19.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56596	19.873	ug/l	98
67) Ethyl Benzene	10.195	91	280970	20.166	ug/l	98
68) m/p-Xylenes	10.299	106	219349	40.742	ug/l	97
69) o-Xylene	10.640	106	107821	19.971	ug/l	99
70) Styrene	10.653	104	174560	20.140	ug/l	96
71) Bromoform	10.799	173	43905	19.540	ug/l #	99
73) Isopropylbenzene	10.964	105	282929	20.486	ug/l	99
74) N-amyl acetate	10.842	43	115091	20.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99286	20.441	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	88711m	19.256	ug/l	
77) Bromobenzene	11.195	156	68378	20.003	ug/l	89
78) n-propylbenzene	11.305	91	317991	20.388	ug/l	98
79) 2-Chlorotoluene	11.366	91	194582	20.233	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	241885	20.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24803	18.248	ug/l	95
82) 4-Chlorotoluene	11.451	91	220240	20.342	ug/l	97
83) tert-Butylbenzene	11.713	119	237790	20.173	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	241521	20.813	ug/l	98
85) sec-Butylbenzene	11.890	105	294680	20.606	ug/l	99
86) p-Isopropyltoluene	12.006	119	243460	20.466	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	127706	20.042	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	126510	19.459	ug/l	98
89) n-Butylbenzene	12.329	91	207521	19.882	ug/l	97
90) Hexachloroethane	12.536	117	40056	19.842	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	131022	20.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19907	20.561	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	76663	20.005	ug/l	96
94) Hexachlorobutadiene	13.725	225	35937	20.094	ug/l	98
95) Naphthalene	13.774	128	264839	20.434	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78935	20.015	ug/l	98

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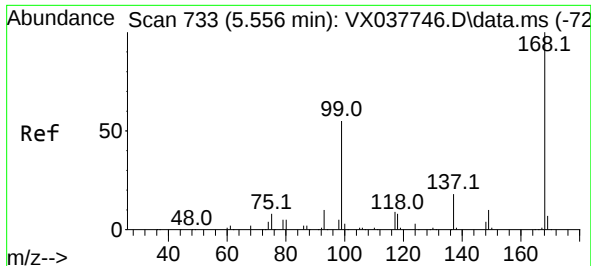
Manual Integrations
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Response via : Initial Calibration

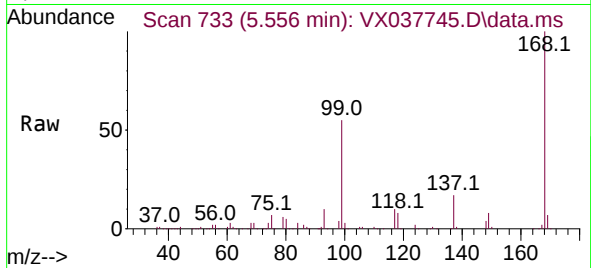
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037745.D
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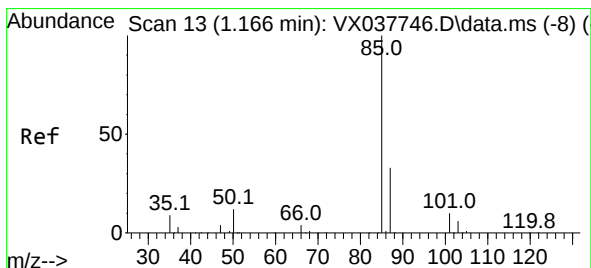
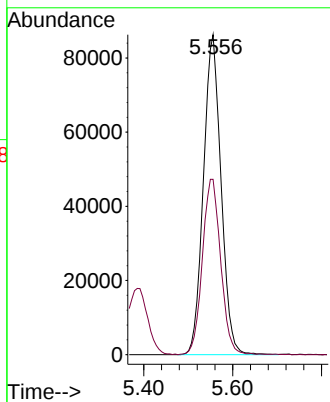
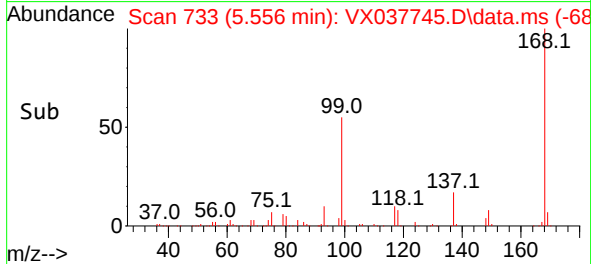
Instrument :
MSVOA_X
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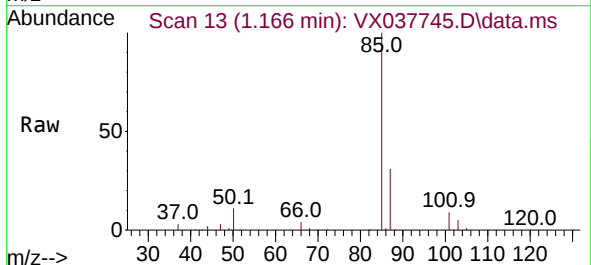
Tgt Ion:168 Resp: 238299
Ion Ratio Lower Upper
168 100
99 54.8 56.6 85.0

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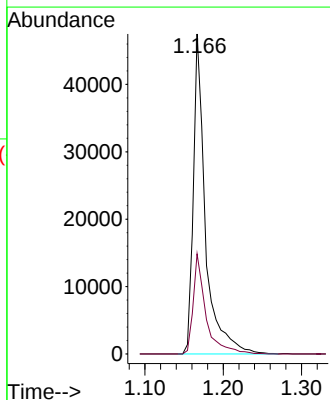
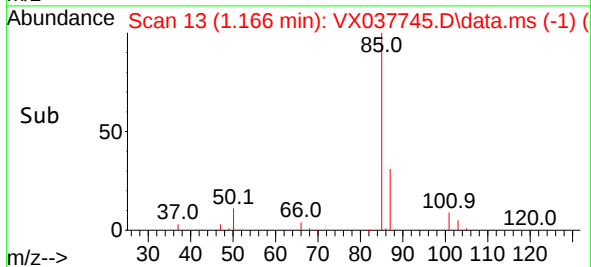
Reviewed By :John Carlone 09/18/2023
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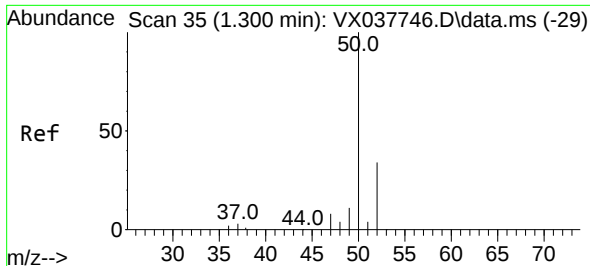


#2
Dichlorodifluoromethane
Concen: 20.415 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 85 Resp: 51277
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





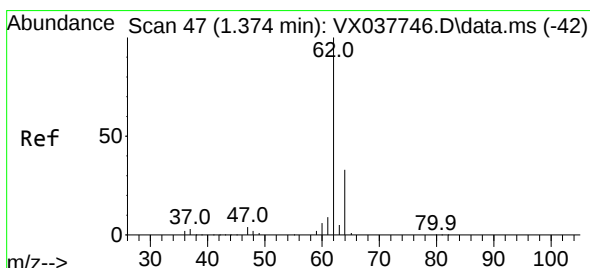
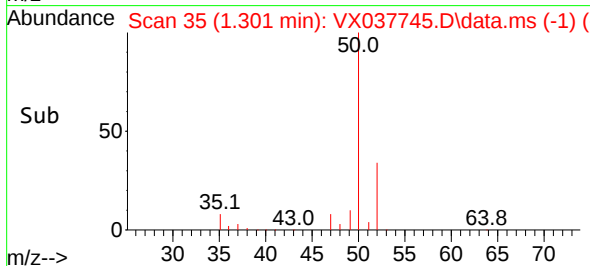
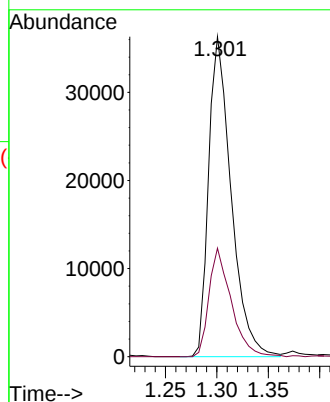
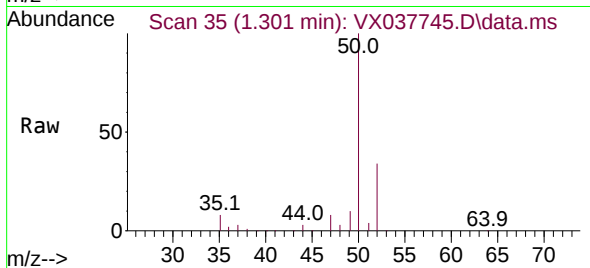
#3
Chloromethane
Concen: 20.281 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

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Tgt Ion: 50 Resp: 55420
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

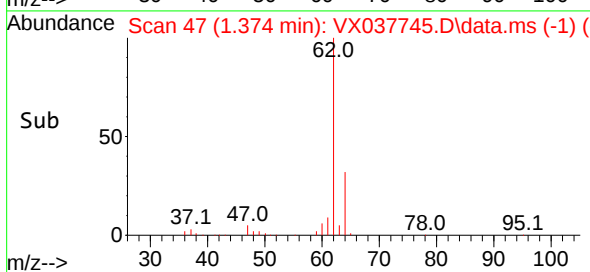
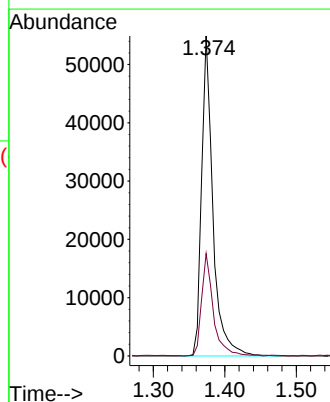
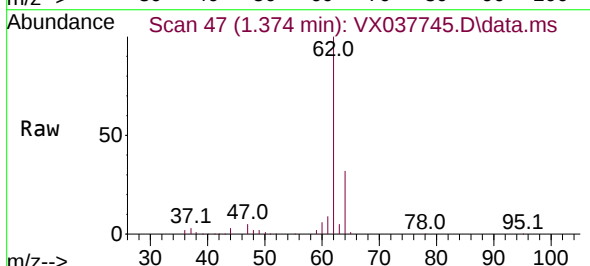
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#4
Vinyl Chloride
Concen: 20.388 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

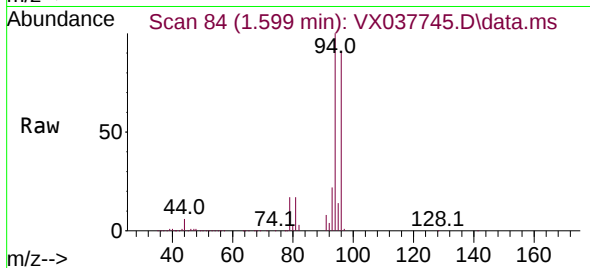
Tgt Ion: 62 Resp: 60110
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 22.563 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

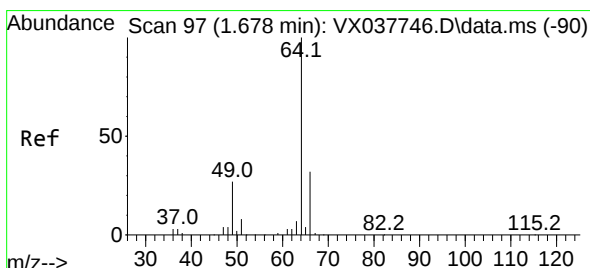
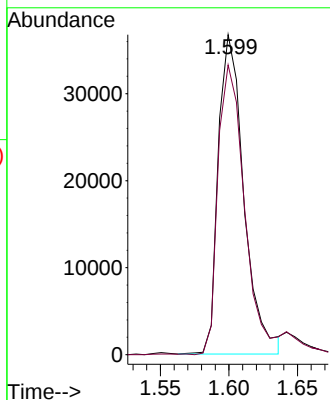
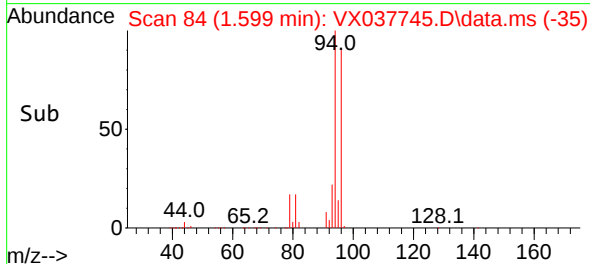
Instrument :
MSVOA_X
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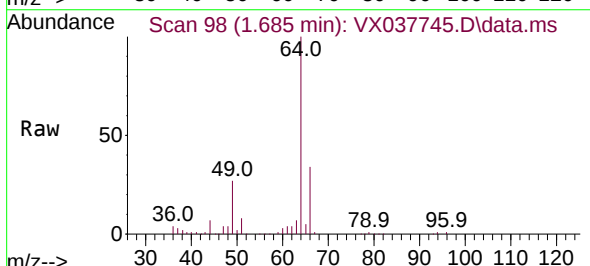
Tgt Ion: 94 Resp: 4762
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8

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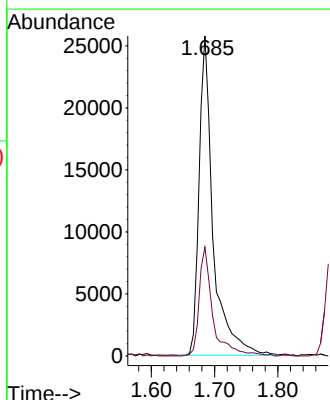
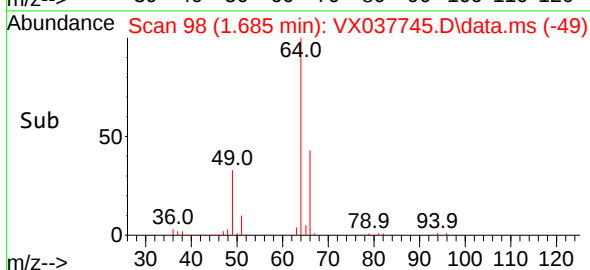
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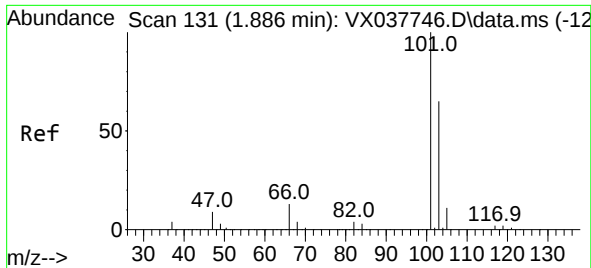


#6
Chloroethane
Concen: 19.545 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 39698
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





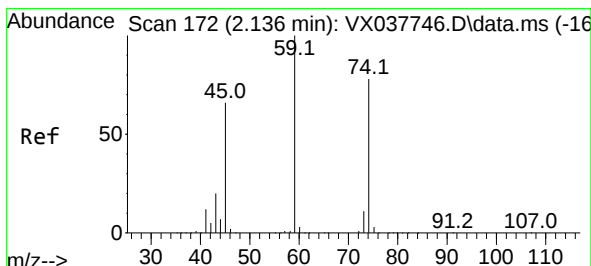
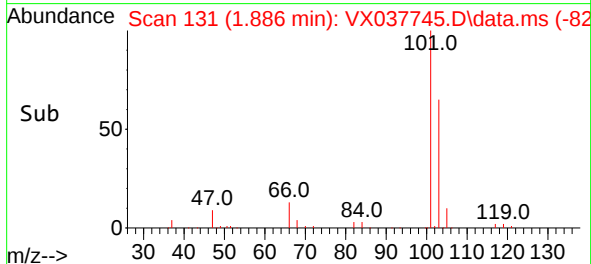
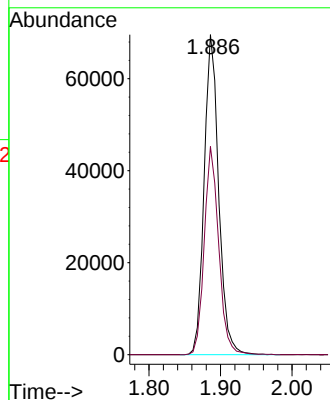
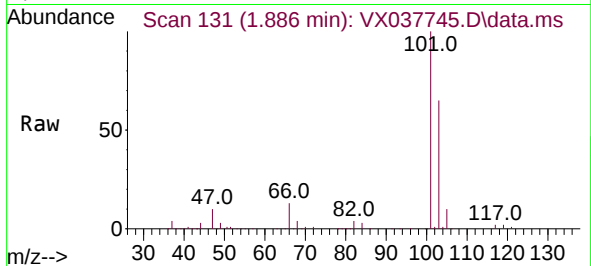
#7
Trichlorofluoromethane
Concen: 20.793 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 98558
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

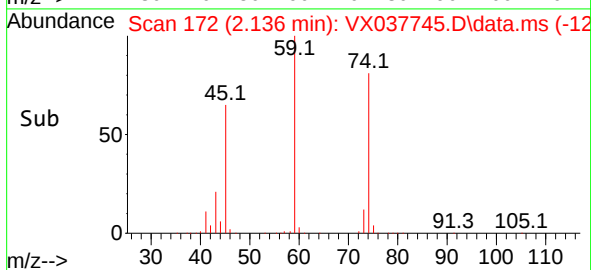
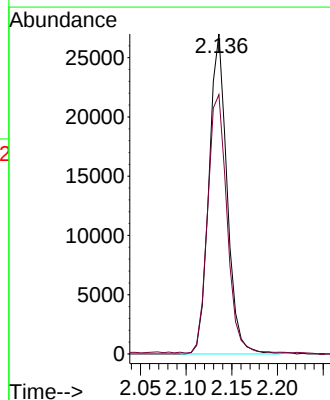
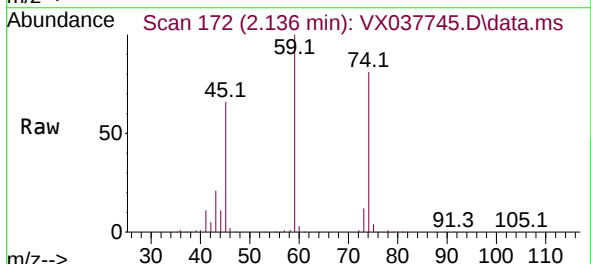
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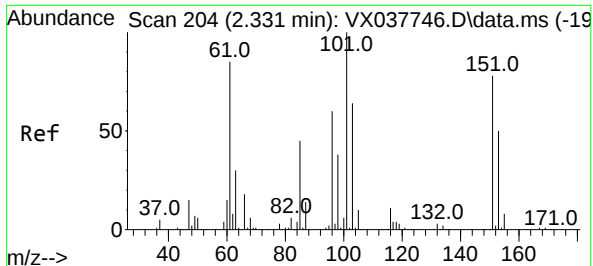
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#8
Diethyl Ether
Concen: 20.182 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037745.D
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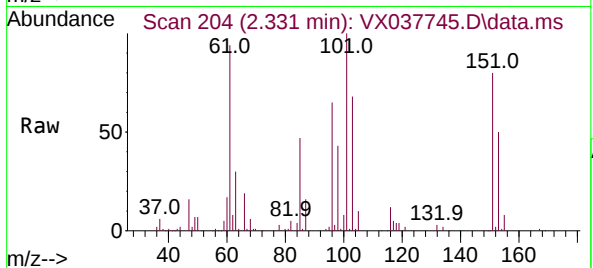
Tgt Ion: 74 Resp: 37061
Ion Ratio Lower Upper
74 100
45 86.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.549 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037745.D
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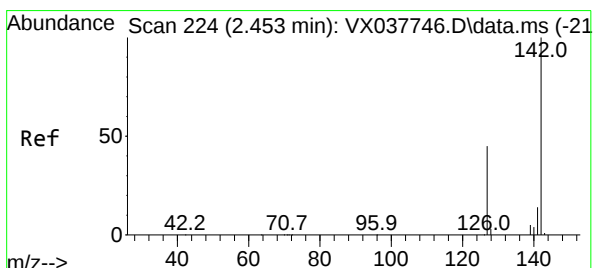
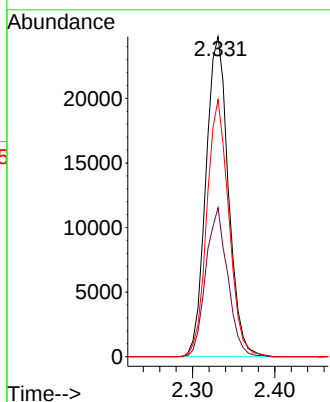
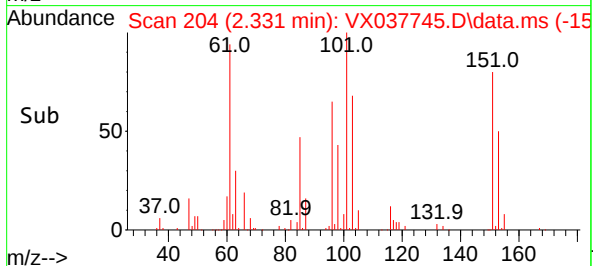
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ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 47025
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.6
151 78.8 58.6 87.8

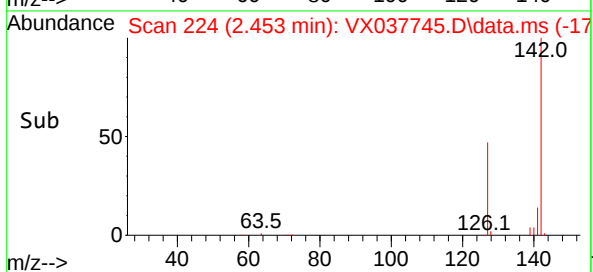
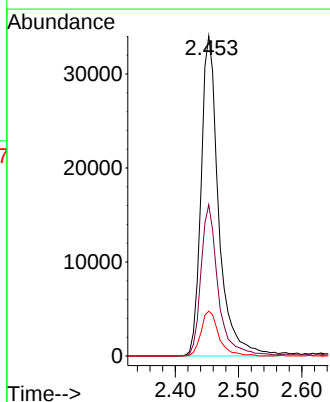
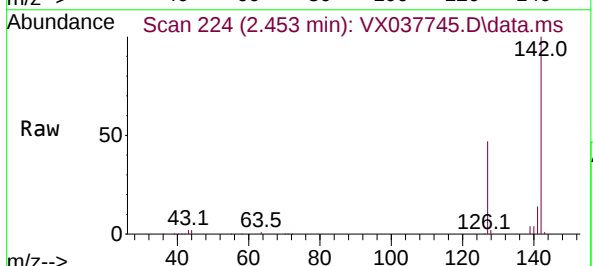
Manual Integrations
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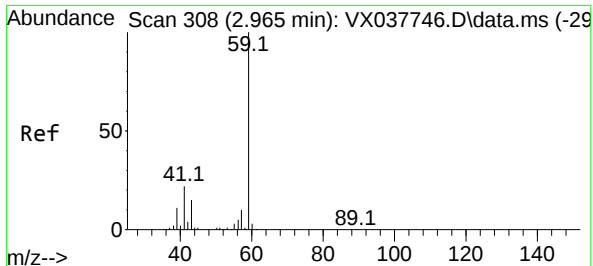
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 20.762 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:142 Resp: 66095
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 104.351 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 70128

Ion Ratio Lower Upper

59 100

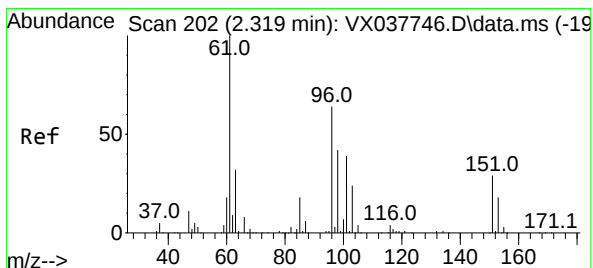
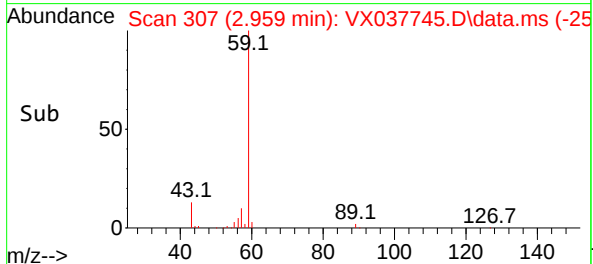
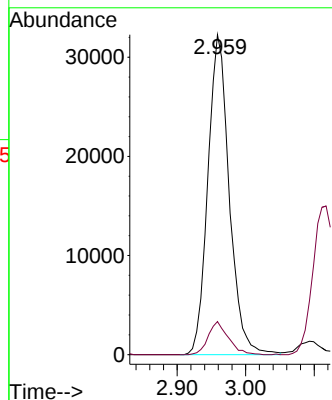
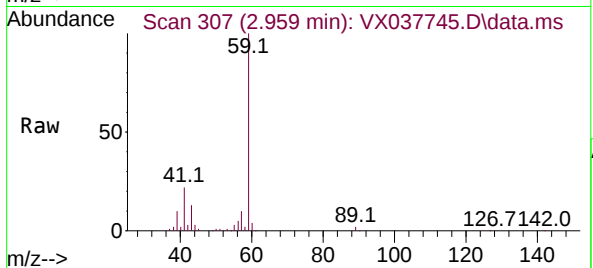
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#12

1,1-Dichloroethene

Concen: 20.440 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

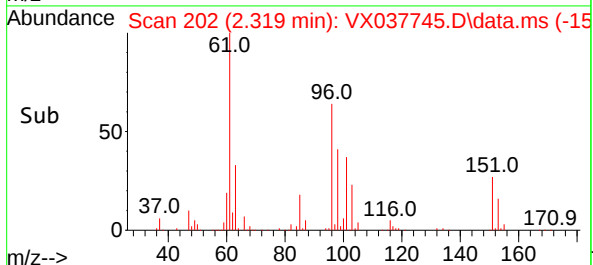
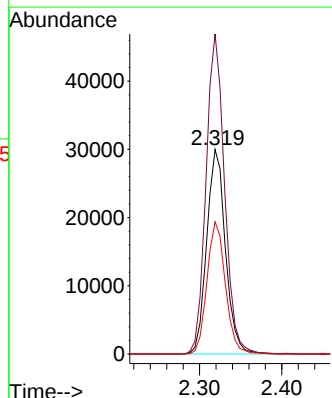
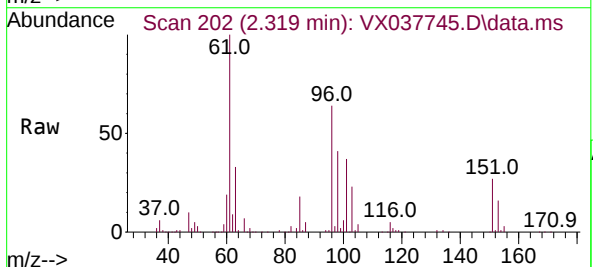
Tgt Ion: 96 Resp: 47519

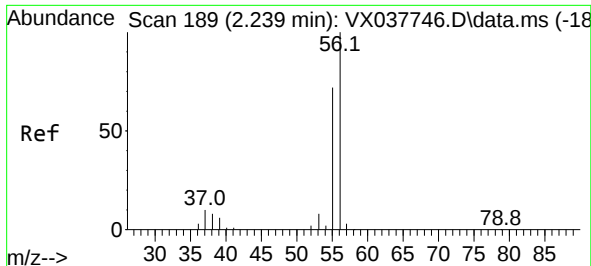
Ion Ratio Lower Upper

96 100

61 156.5 144.6 216.8

98 64.6 50.4 75.6





#13

Acrolein

Concen: 98.739 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 65554

Ion Ratio Lower Upper

56 100

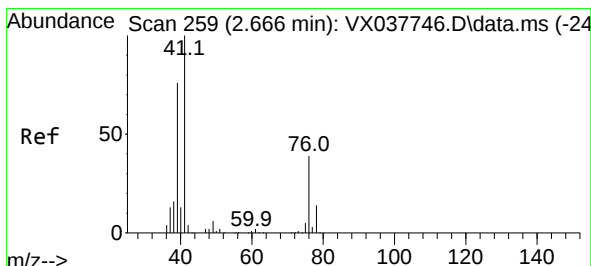
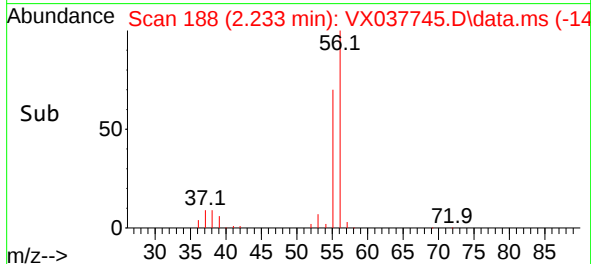
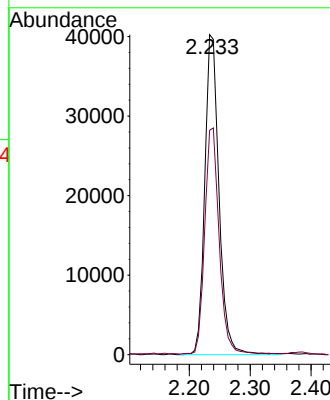
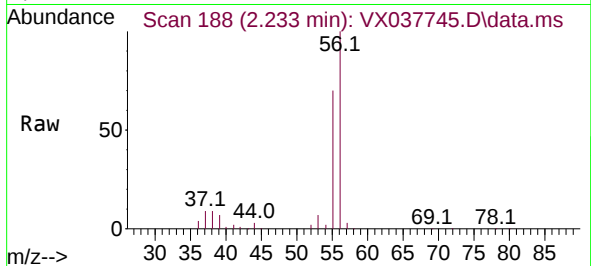
55 71.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#14

Allyl chloride

Concen: 19.678 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

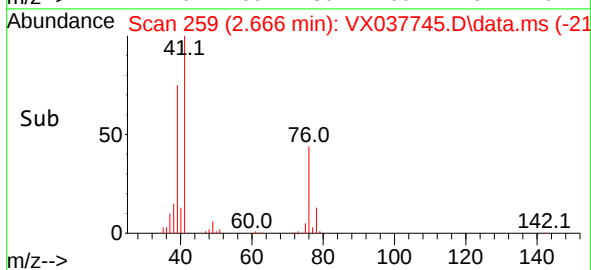
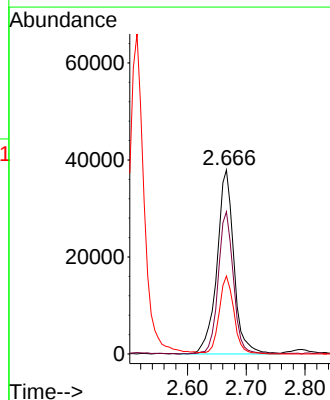
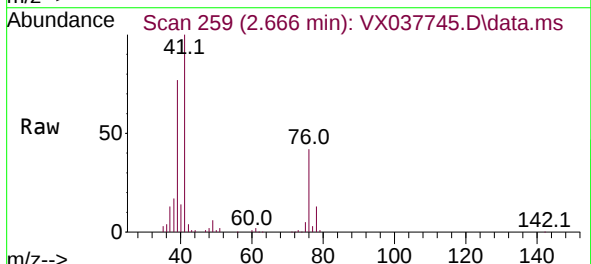
Tgt Ion: 41 Resp: 76192

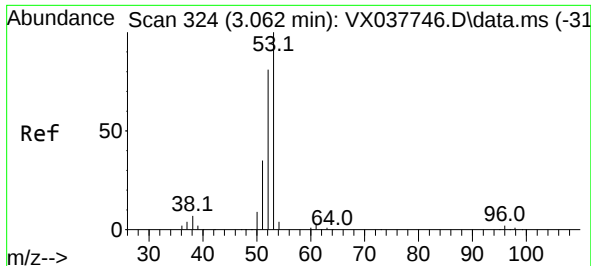
Ion Ratio Lower Upper

41 100

39 69.0 55.8 83.6

76 36.6 24.3 36.5#





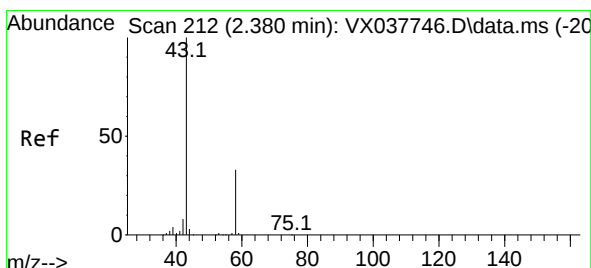
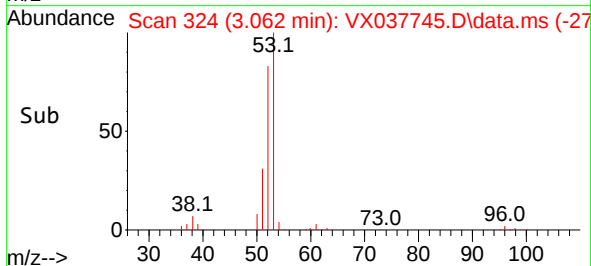
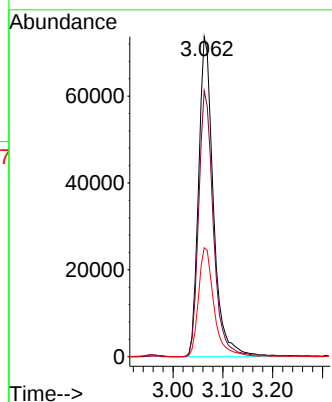
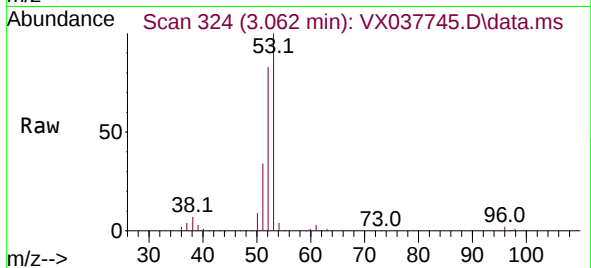
#15
Acrylonitrile
Concen: 101.803 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 15211
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.6 29.8 44.6

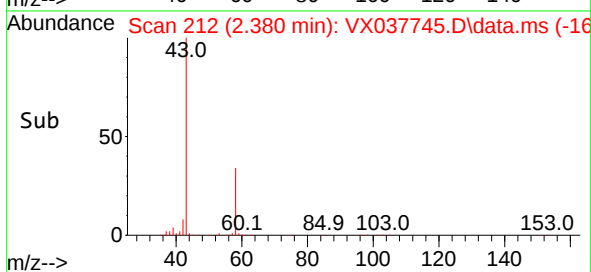
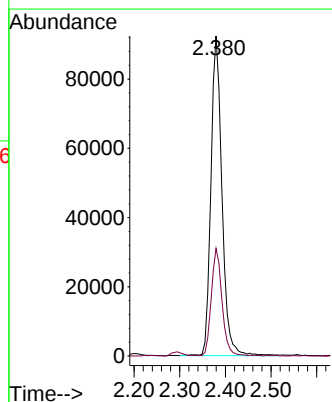
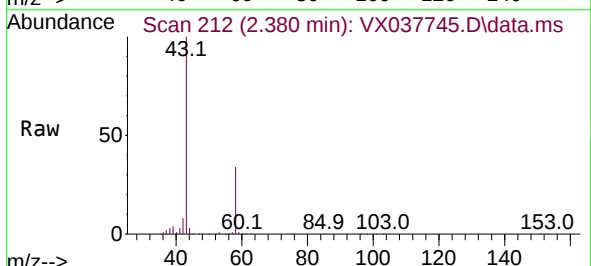
Manual Integrations
APPROVED

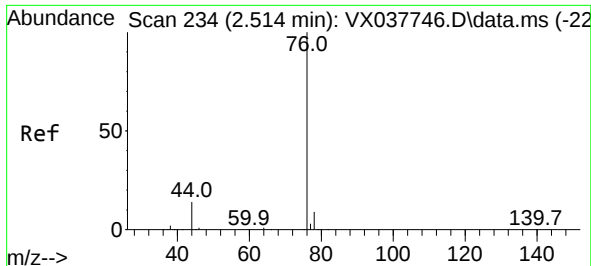
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 103.164 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion: 43 Resp: 155381
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





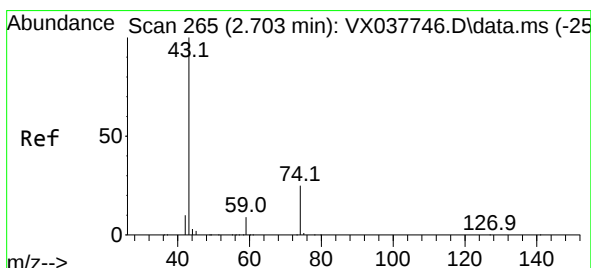
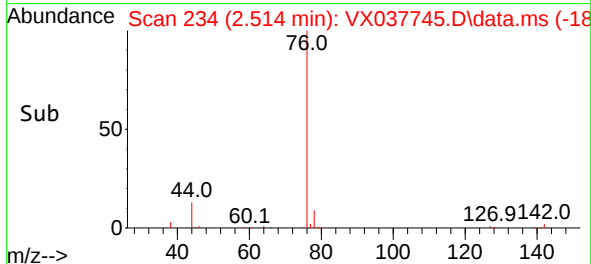
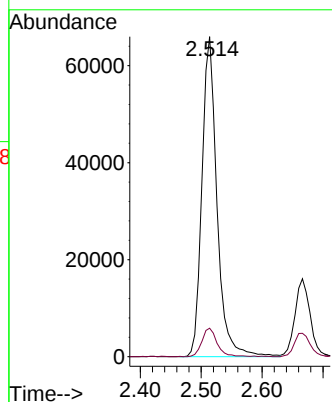
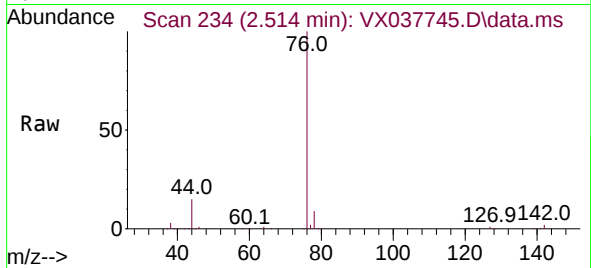
#17
Carbon Disulfide
Concen: 19.435 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 11328
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

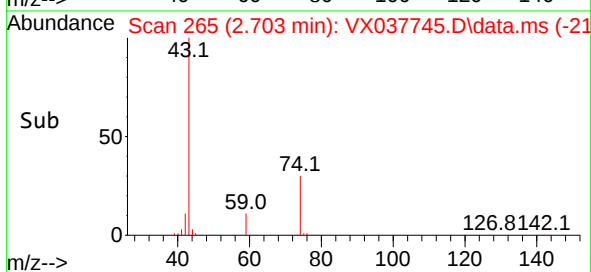
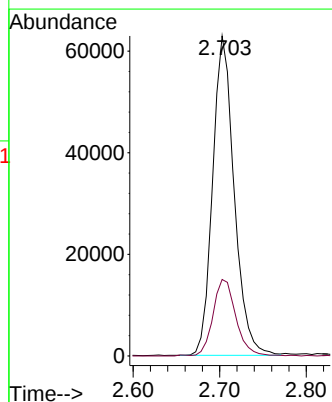
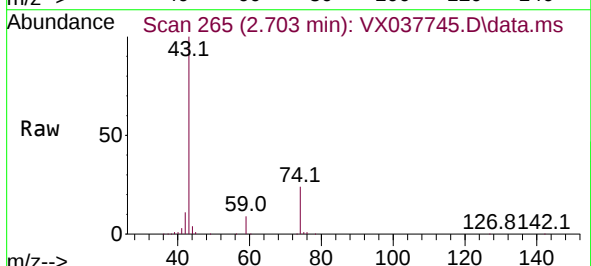
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 20.027 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

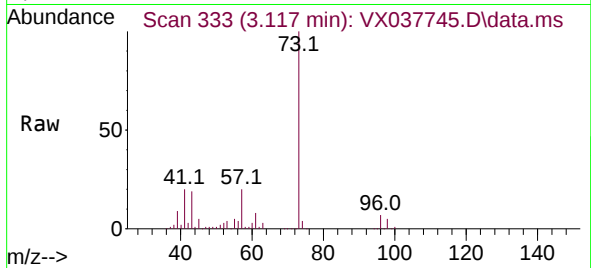
Tgt Ion: 43 Resp: 108815
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 20.132 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

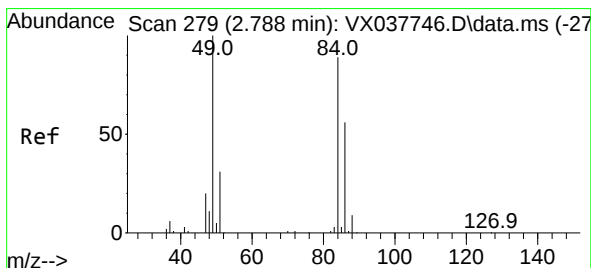
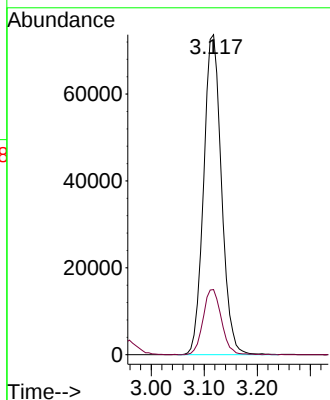
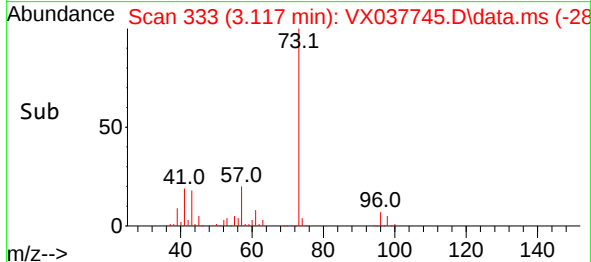
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 172170
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

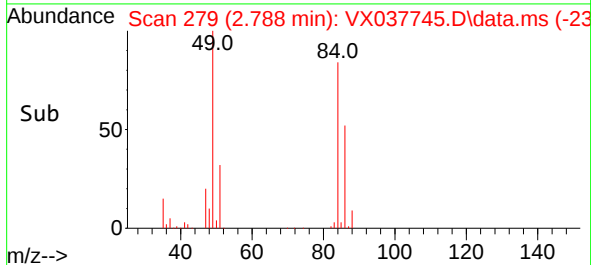
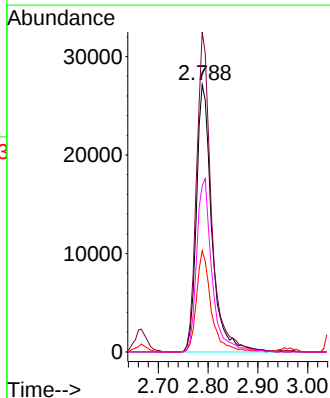
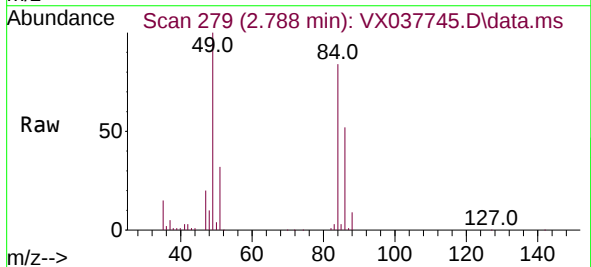
Manual Integrations
APPROVED

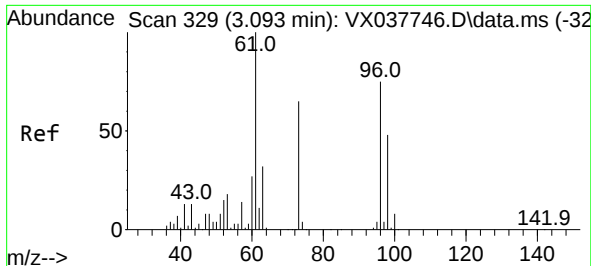
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 20.878 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

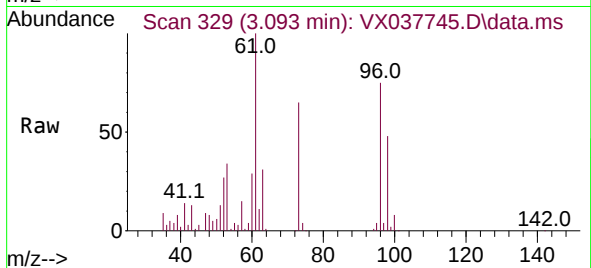
Tgt Ion: 84 Resp: 58178
Ion Ratio Lower Upper
84 100
49 119.8 103.6 155.4
51 37.9 33.8 50.6
86 62.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.299 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

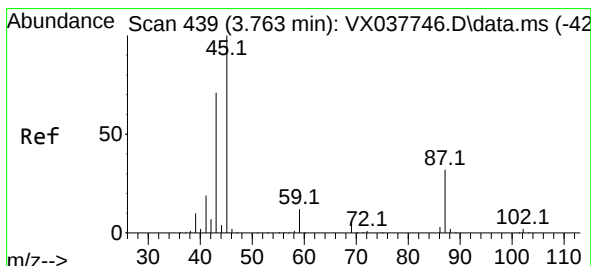
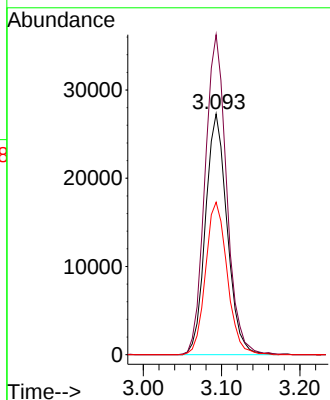
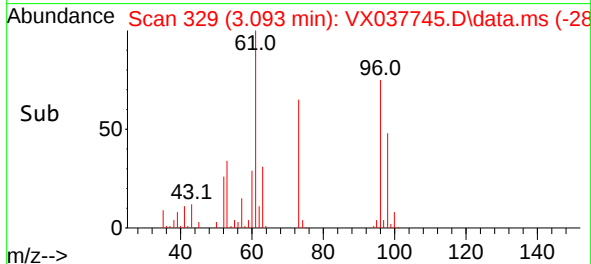
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



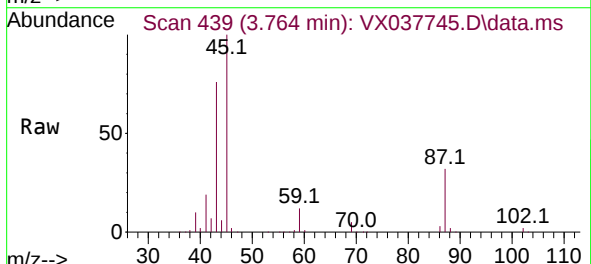
Tgt Ion: 96 Resp: 5240
Ion Ratio Lower Upper
96 100
61 132.8 119.2 178.8
98 63.3 48.7 73.1

Manual Integrations
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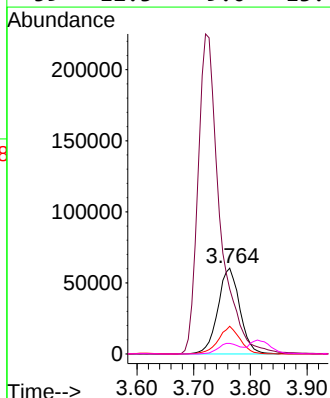
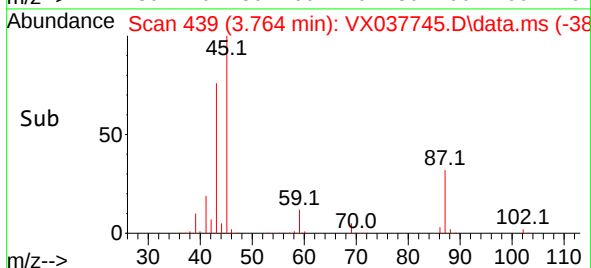
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

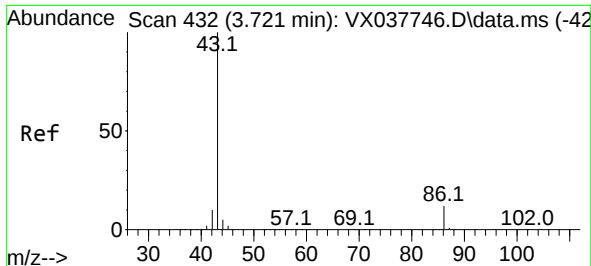


#22
Diisopropyl ether
Concen: 20.087 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 45 Resp: 162006
Ion Ratio Lower Upper
45 100
43 75.8 69.7 104.5
87 32.2 20.8 31.2#
59 12.3 9.0 13.4





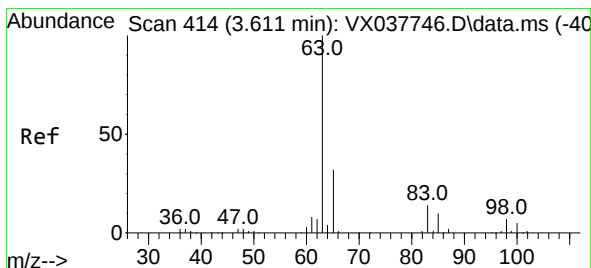
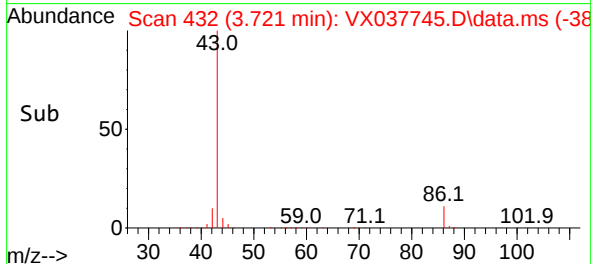
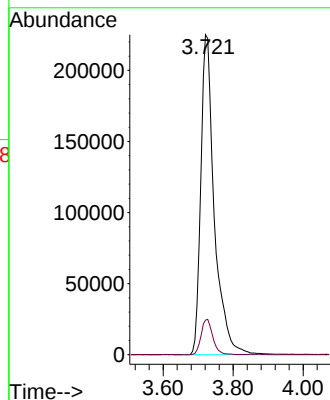
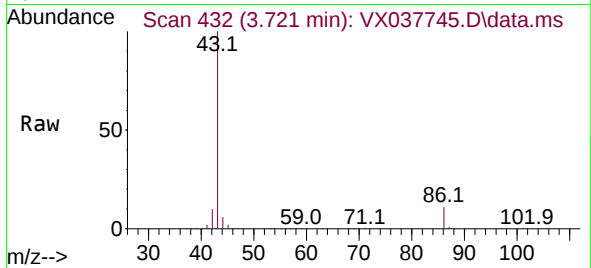
#23
 Vinyl Acetate
 Concen: 101.963 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 604890
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

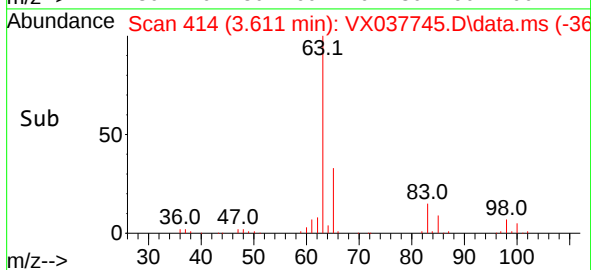
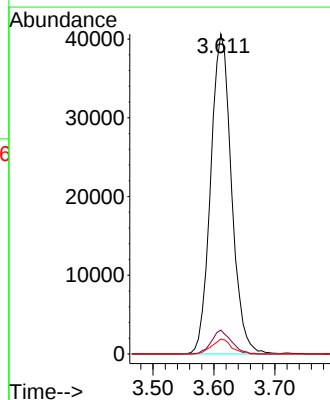
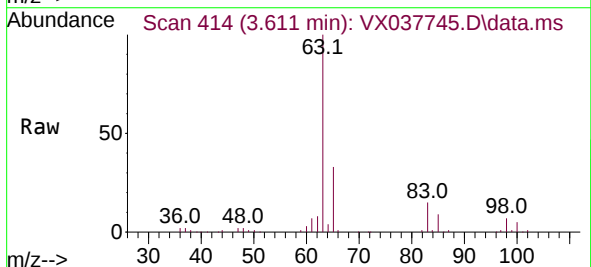
Manual Integrations
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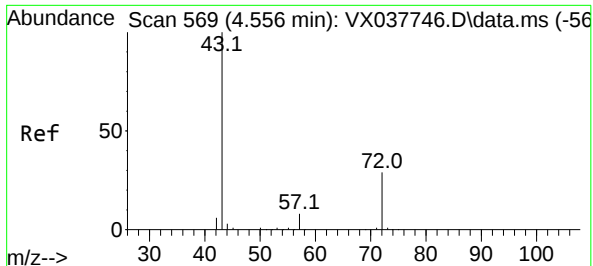
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#24
 1,1-Dichloroethane
 Concen: 19.977 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49

Tgt Ion: 63 Resp: 96552
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 101.213 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 215062

Ion Ratio Lower Upper

43 100

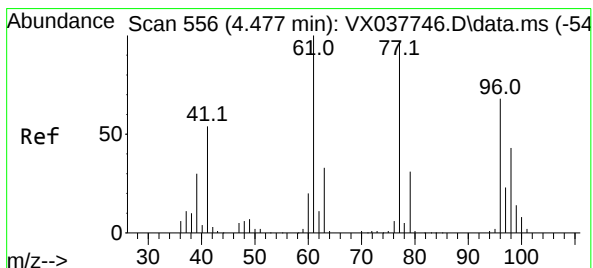
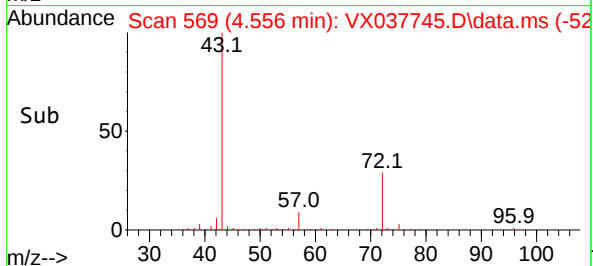
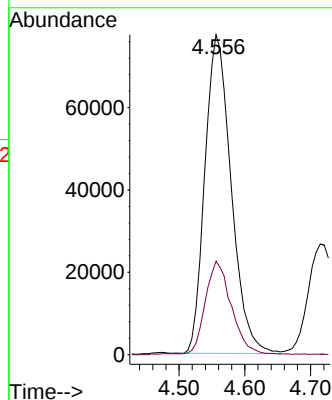
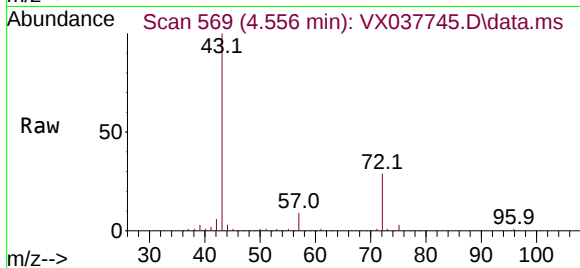
72 29.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#26

2,2-Dichloropropane

Concen: 19.502 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037745.D

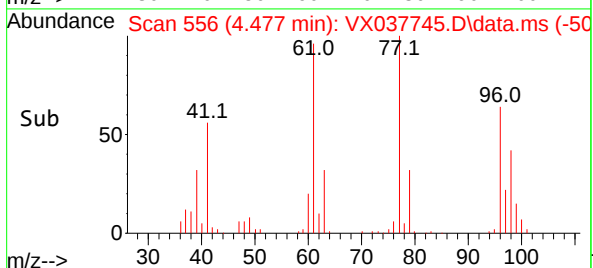
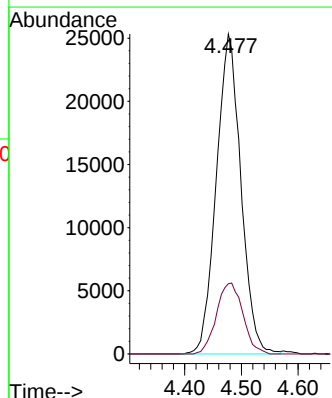
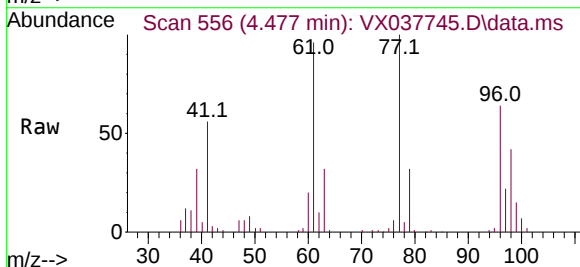
Acq: 15 Sep 2023 09:49

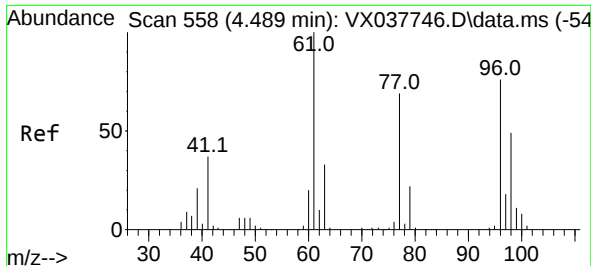
Tgt Ion: 77 Resp: 76159

Ion Ratio Lower Upper

77 100

97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.780 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 62600

Ion Ratio Lower Upper

96 100

61 138.7 0.0 312.2

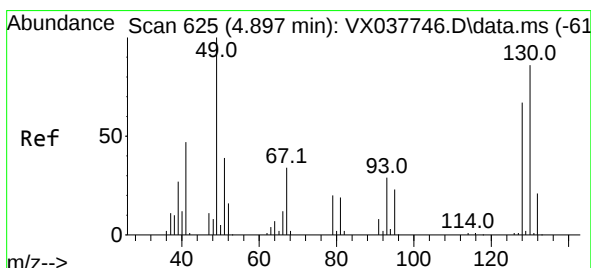
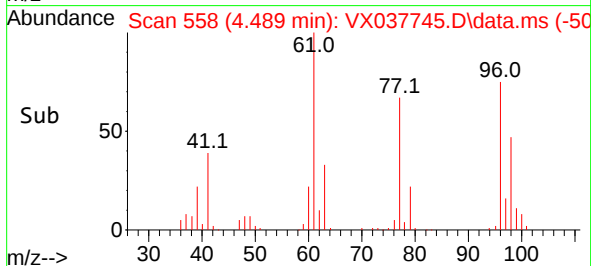
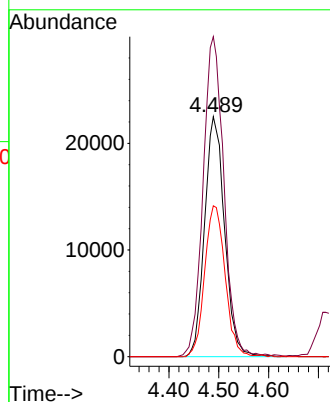
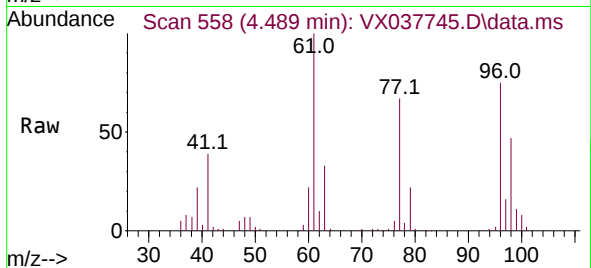
98 64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#28

Bromochloromethane

Concen: 18.197 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

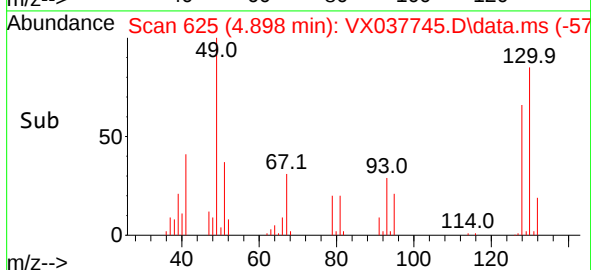
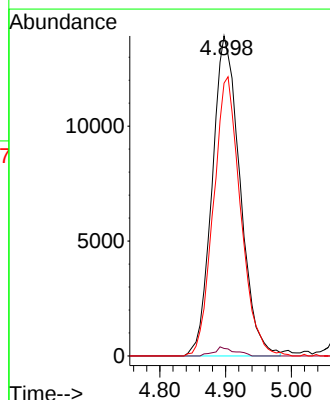
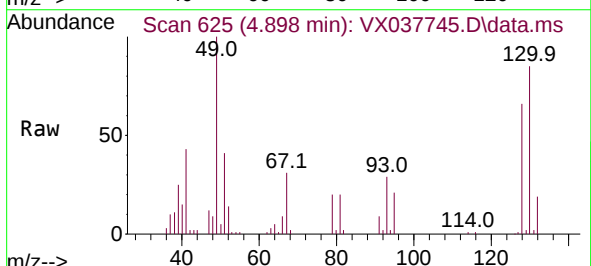
Tgt Ion: 49 Resp: 41030

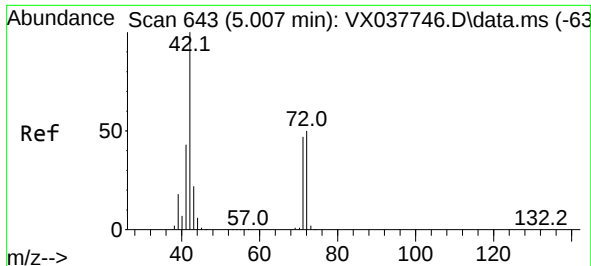
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 85.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 102.065 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 13492

Ion Ratio Lower Upper

42 100

72 50.0 34.2 51.4

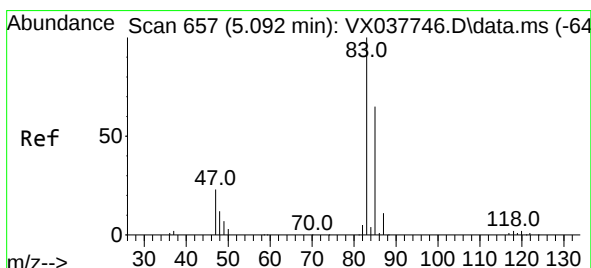
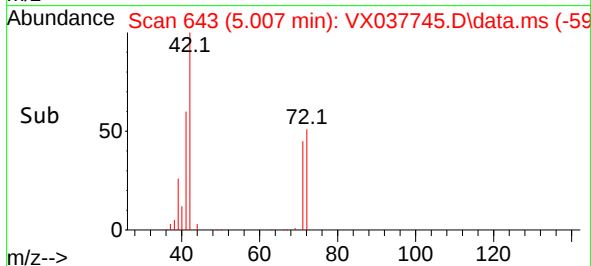
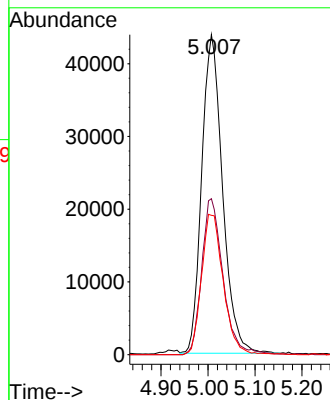
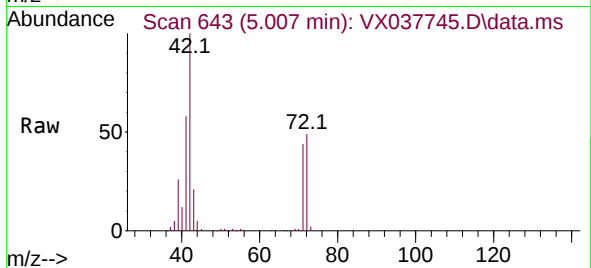
71 46.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 19.783 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037745.D

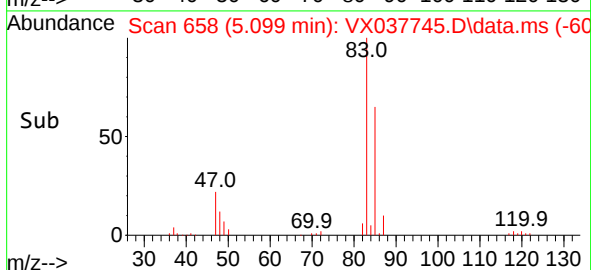
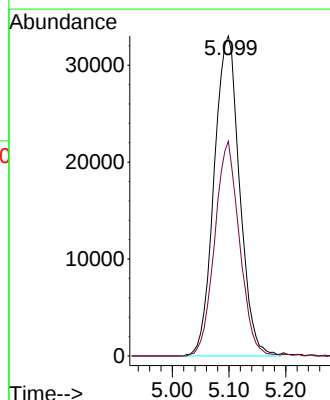
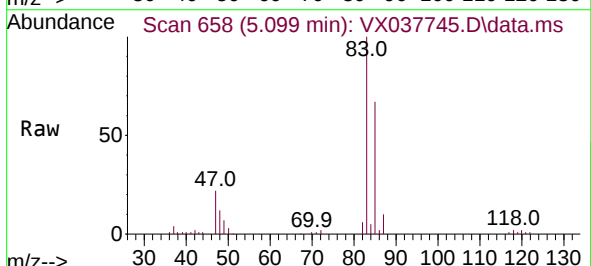
Acq: 15 Sep 2023 09:49

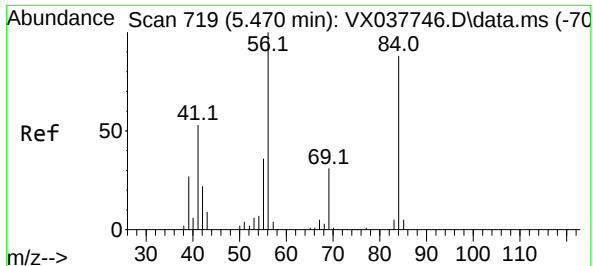
Tgt Ion: 83 Resp: 103000

Ion Ratio Lower Upper

83 100

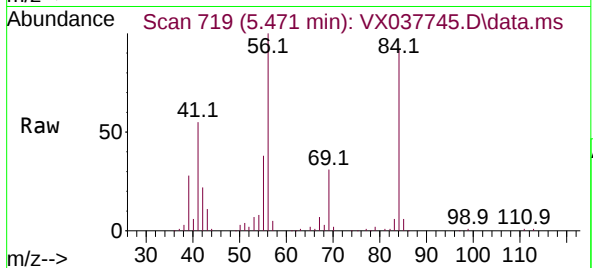
85 67.1 50.3 75.5





#31
Cyclohexane
Concen: 20.496 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

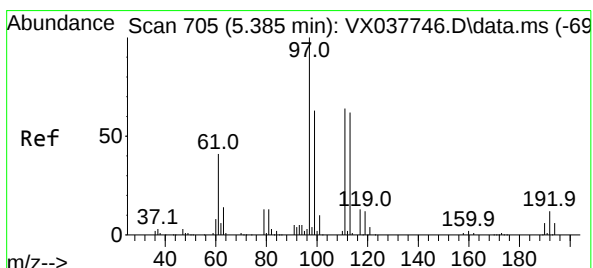
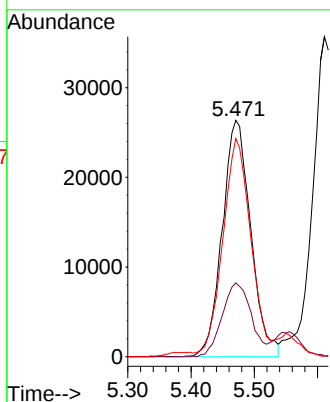
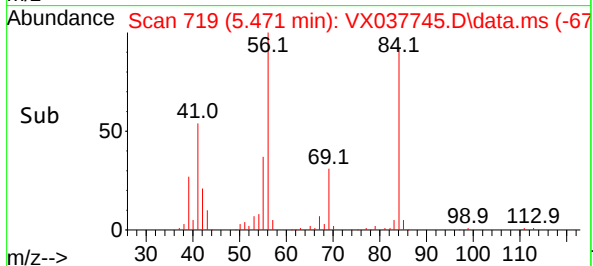
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



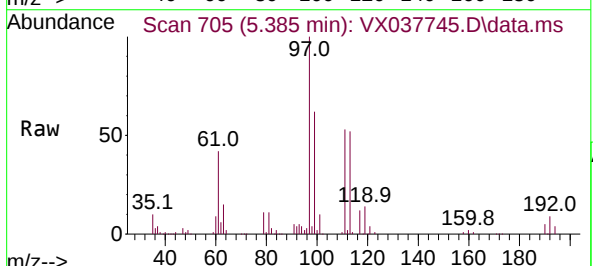
Tgt Ion: 56 Resp: 8236
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 90.6 65.9 98.9

Manual Integrations
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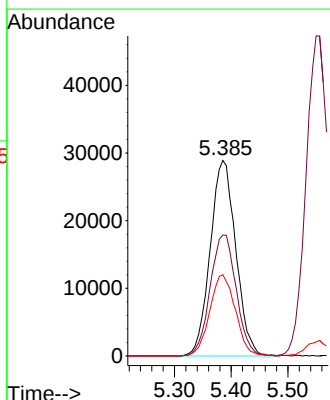
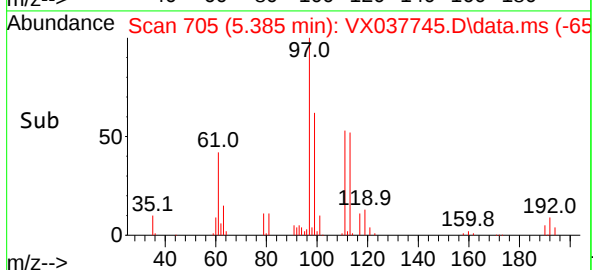
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

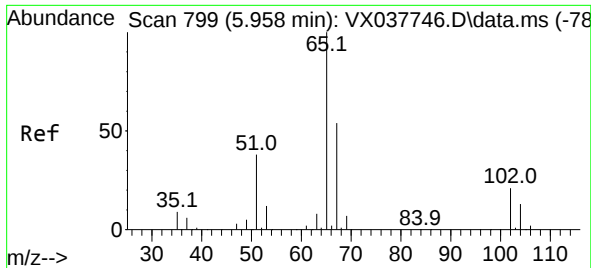


#32
1,1,1-Trichloroethane
Concen: 20.515 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 97 Resp: 90438
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 41.6 36.4 54.6





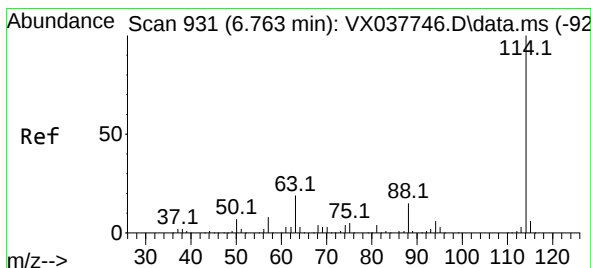
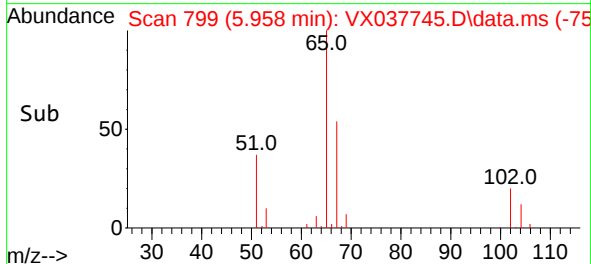
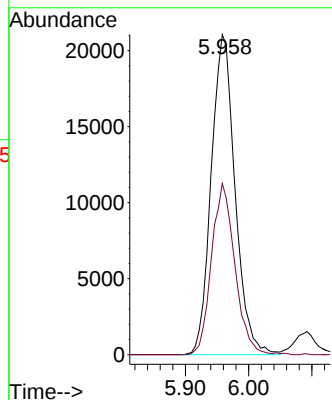
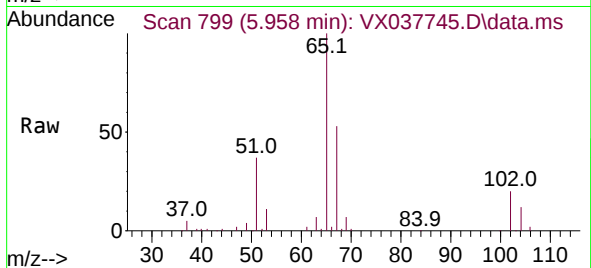
#33
1,2-Dichloroethane-d4
Concen: 17.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 65 Resp: 5509
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

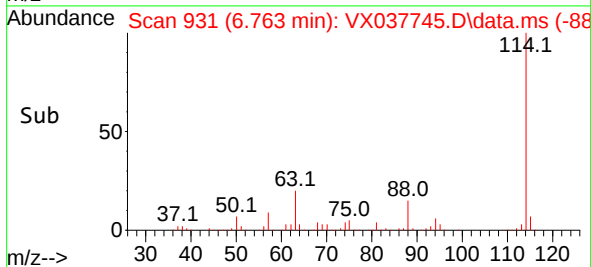
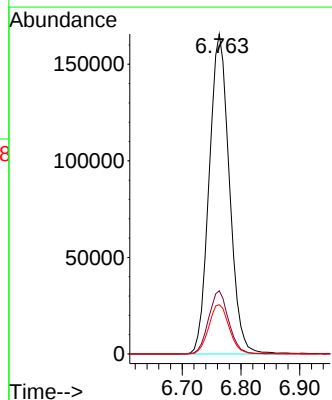
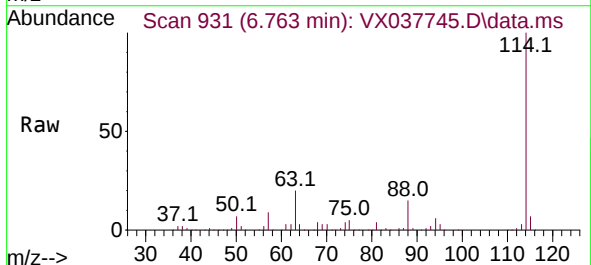
Manual Integrations
APPROVED

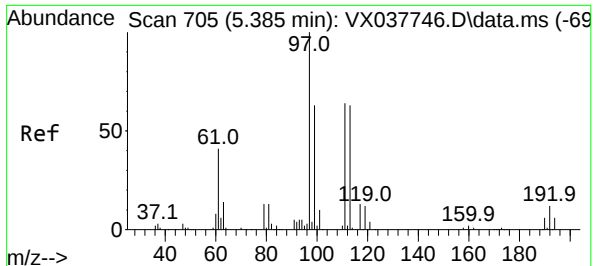
Reviewed By : John Carlone 09/18/2023
Supervised By : Mahesh Dadoda 09/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion: 114 Resp: 395398
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 16.947 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

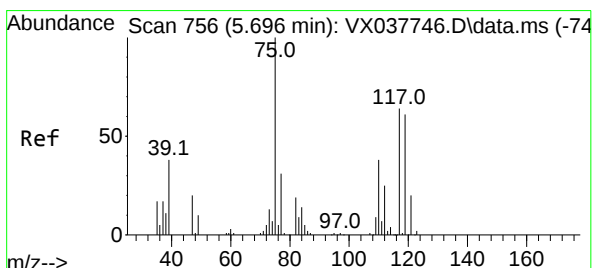
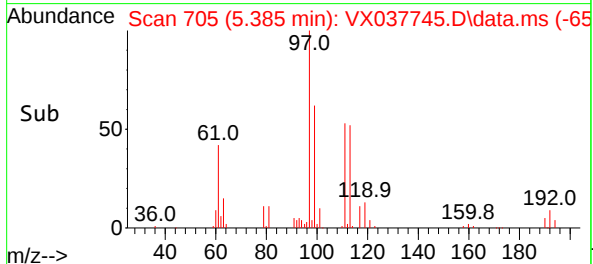
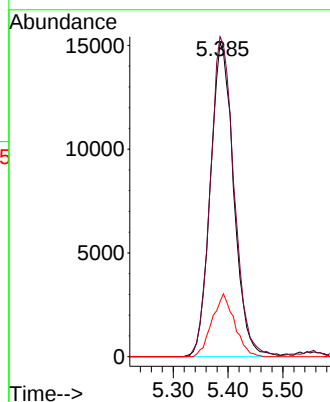
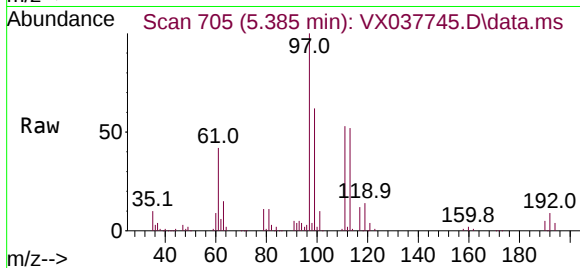
Tgt Ion:	113	Resp:	44830
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 20.101 ug/l

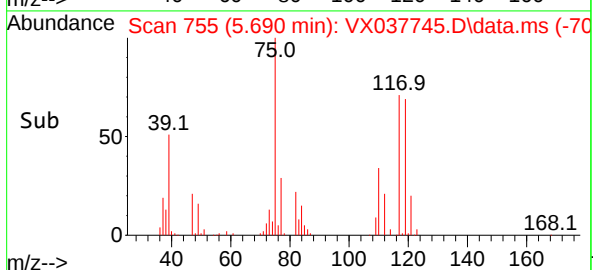
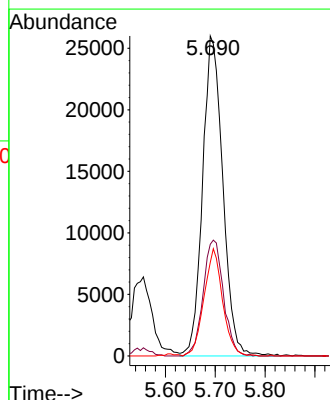
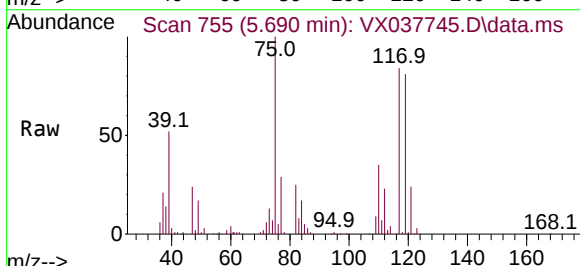
RT: 5.690 min Scan# 755

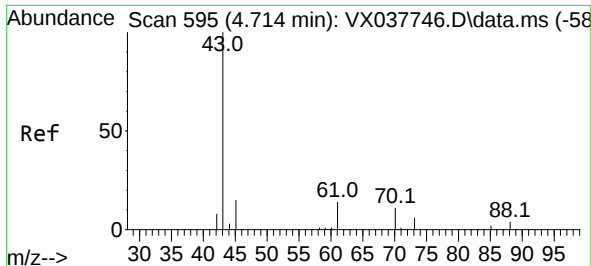
Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Tgt Ion:	75	Resp:	73258
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.0	50.9
77	31.0	24.7	37.1





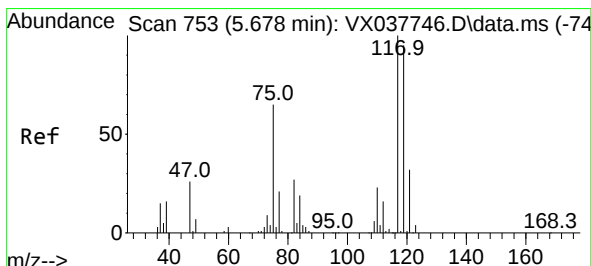
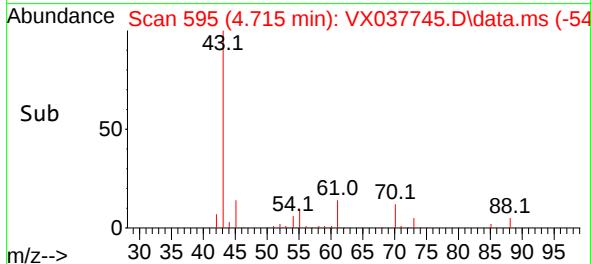
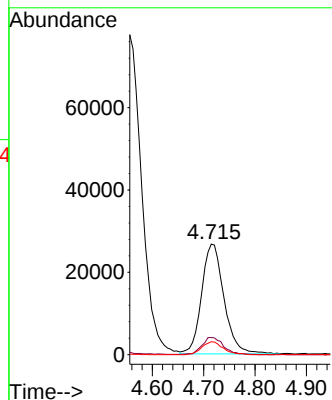
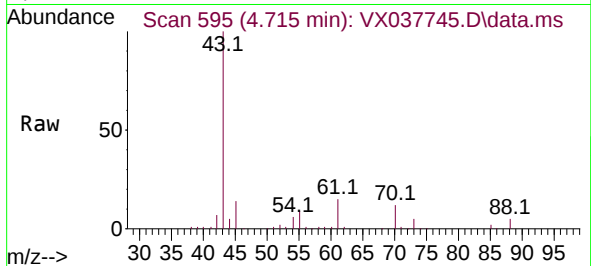
#37
Ethyl Acetate
Concen: 20.619 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 80670
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.1 8.3 12.5

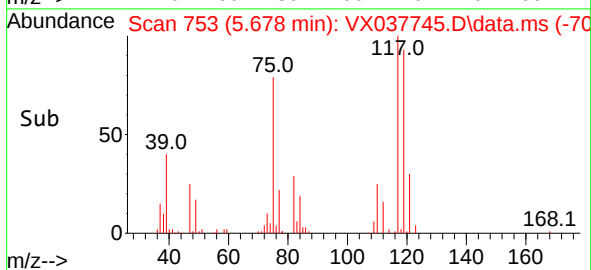
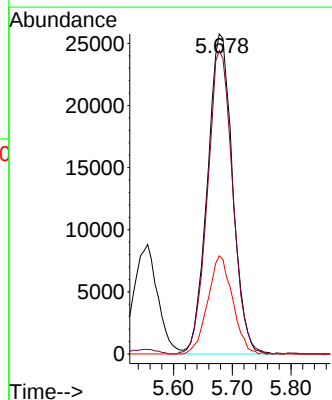
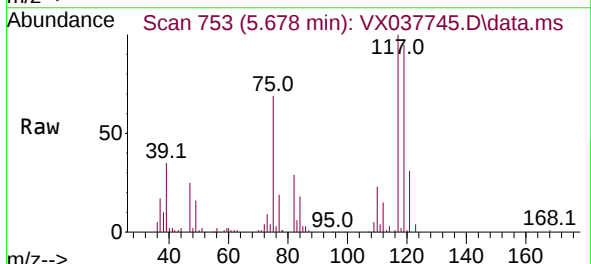
Manual Integrations
APPROVED

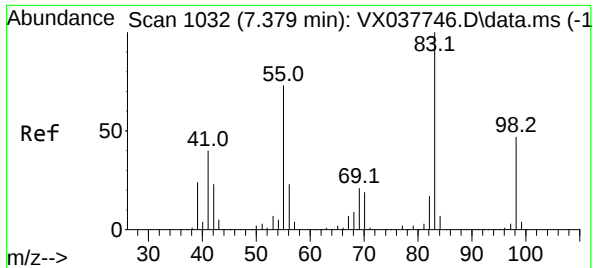
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#38
Carbon Tetrachloride
Concen: 20.050 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:117 Resp: 76456
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 19.545 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 9040

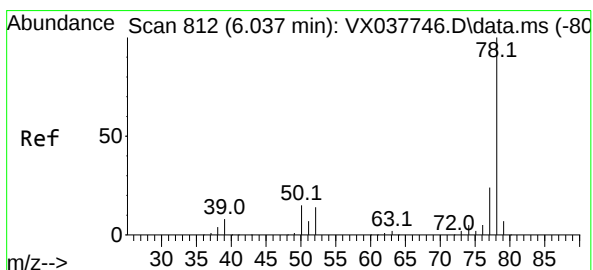
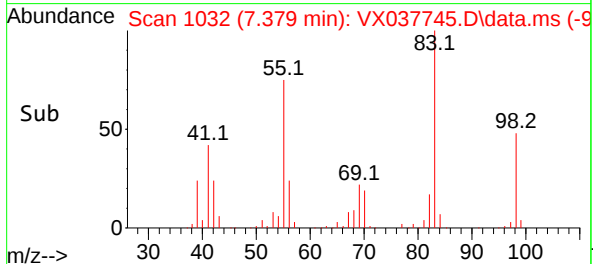
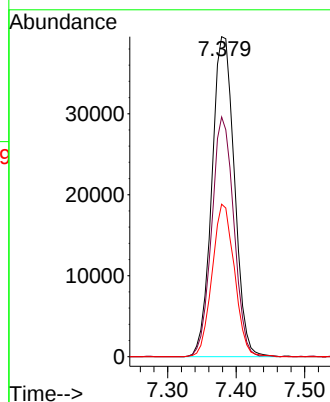
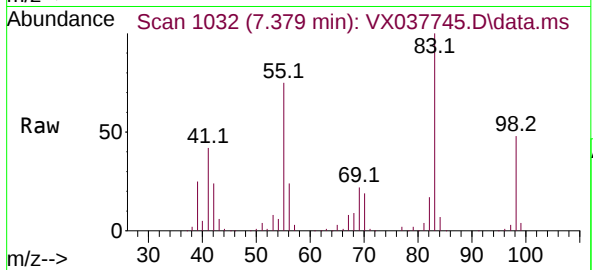
Ion	Ratio	Lower	Upper
83	100		
55	74.9	64.6	97.0
98	47.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 19.998 ug/l

RT: 6.038 min Scan# 812

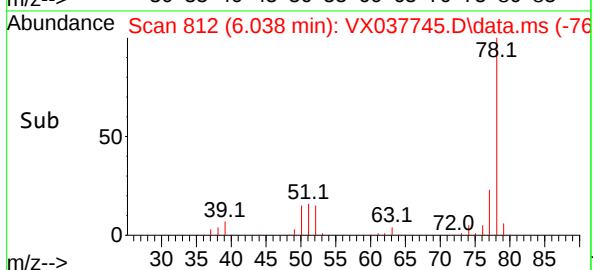
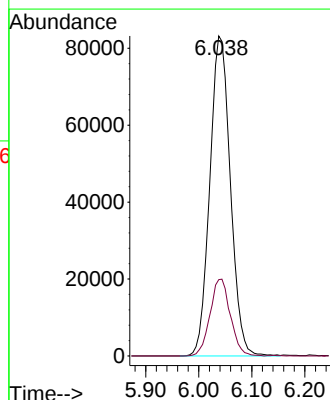
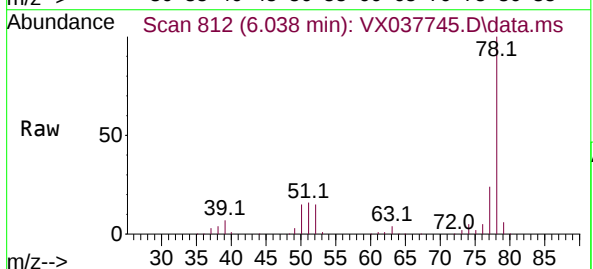
Delta R.T. -0.006 min

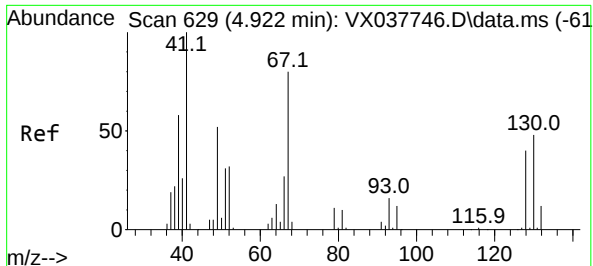
Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Tgt Ion: 78 Resp: 224128

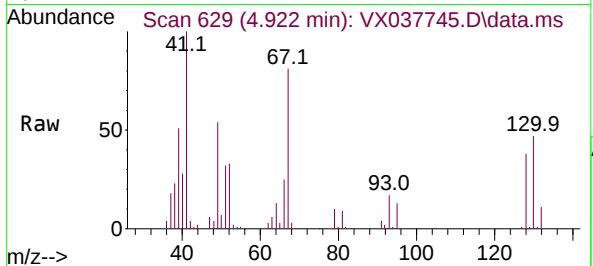
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41
Methacrylonitrile
Concen: 19.347 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

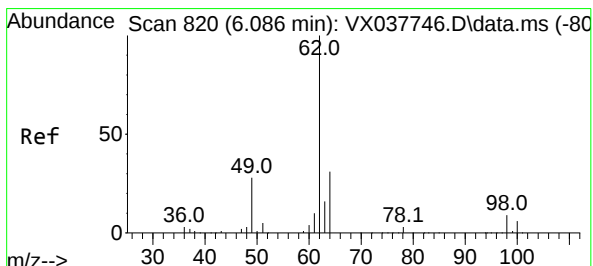
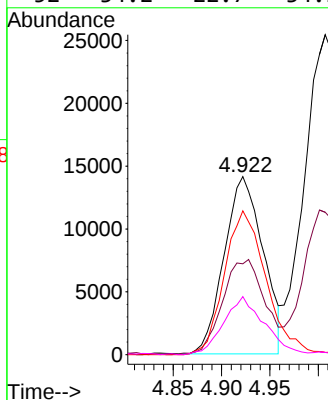
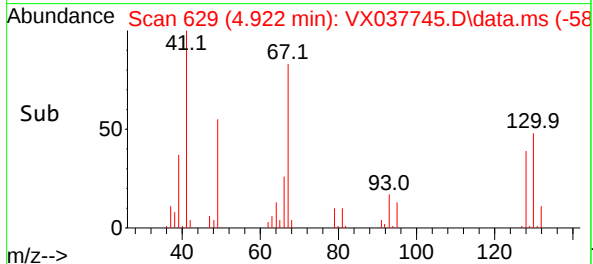
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



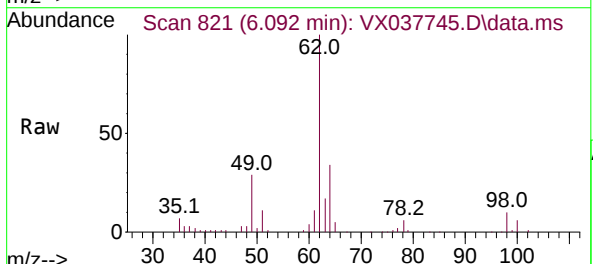
Tgt Ion: 41 Resp: 39524
Ion Ratio Lower Upper
41 100
39 57.7 45.2 67.8
67 87.7 52.6 78.8
52 34.2 22.7 34.1#

Manual Integrations
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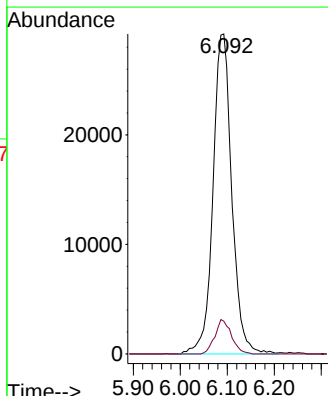
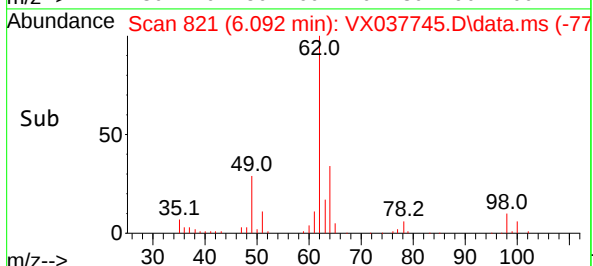
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

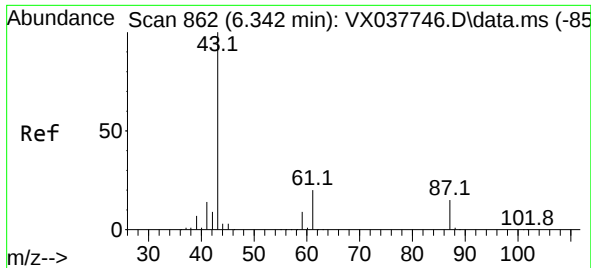


#42
1,2-Dichloroethane
Concen: 19.971 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 62 Resp: 81143
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.750 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 12653

Ion Ratio Lower Upper

43 100

61 20.5 15.2 22.8

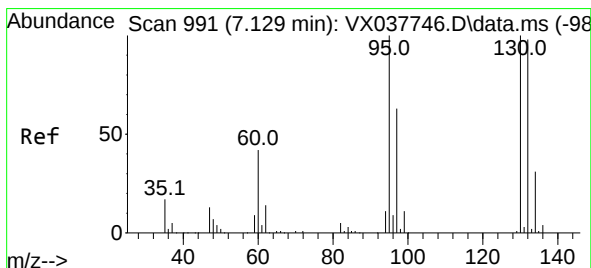
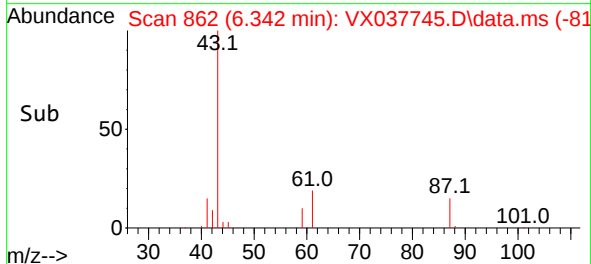
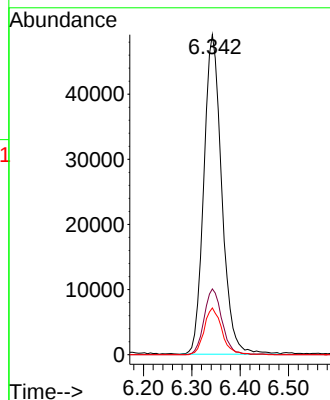
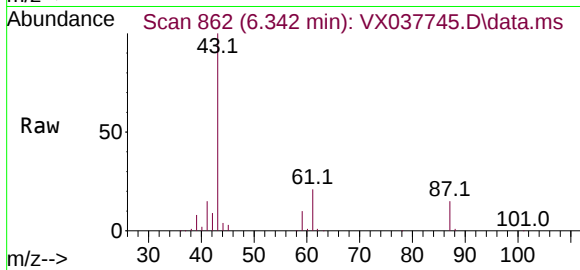
87 14.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#44

Trichloroethene

Concen: 18.822 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037745.D

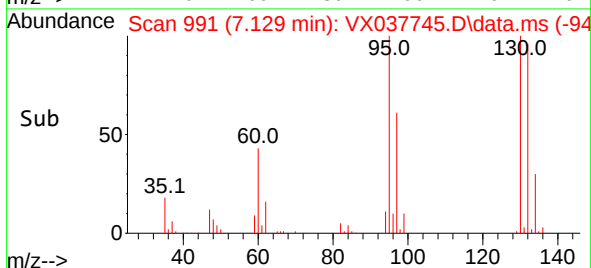
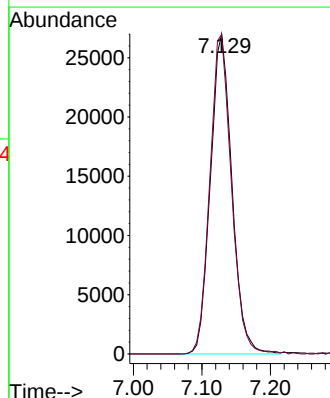
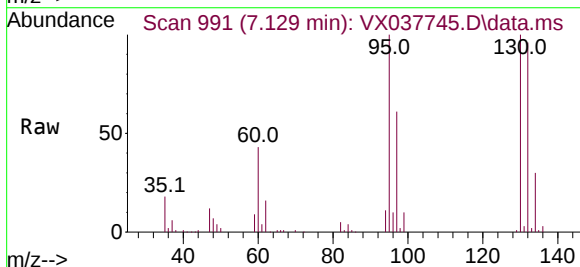
Acq: 15 Sep 2023 09:49

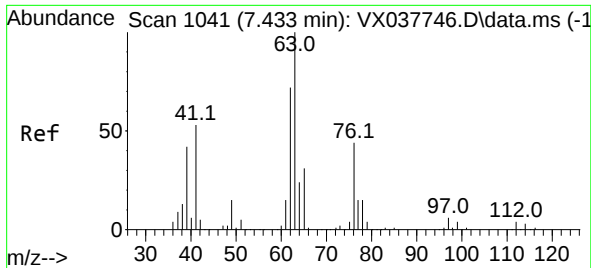
Tgt Ion:130 Resp: 58744

Ion Ratio Lower Upper

130 100

95 99.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.843 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5775

Ion Ratio Lower Upper

63 100

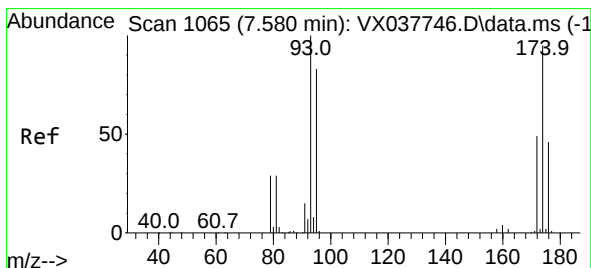
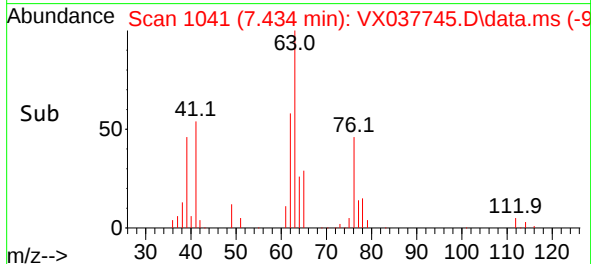
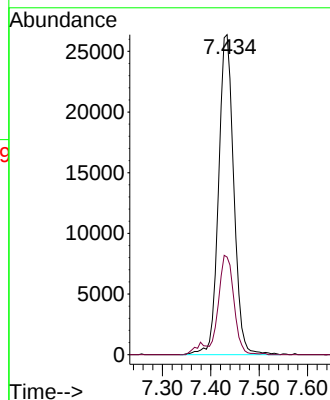
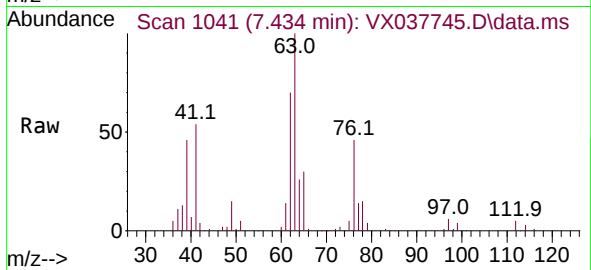
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 20.180 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

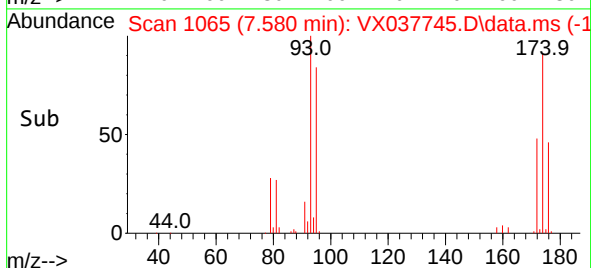
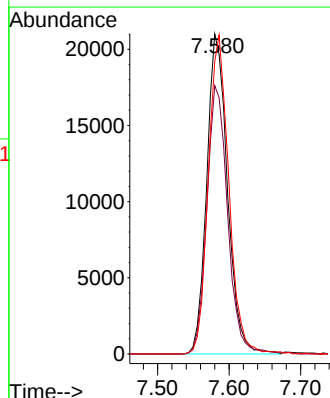
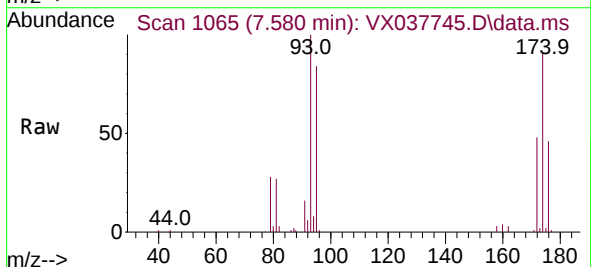
Tgt Ion: 93 Resp: 42250

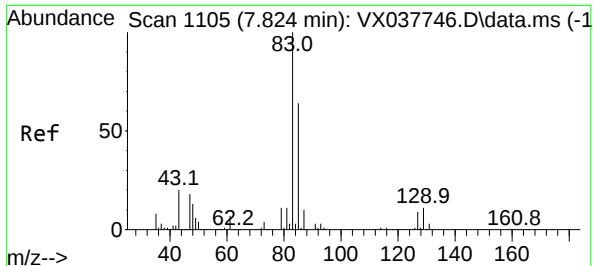
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 98.9 69.4 104.0





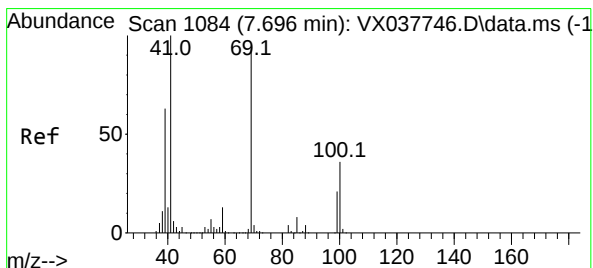
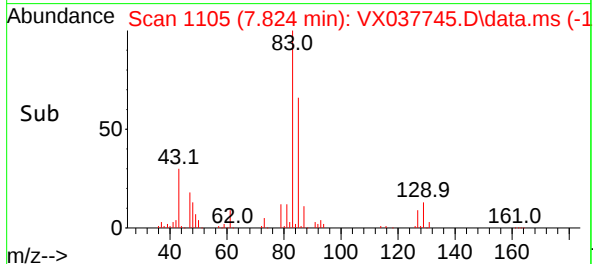
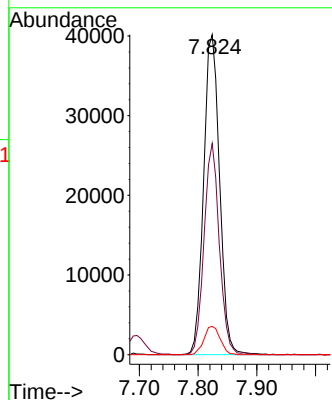
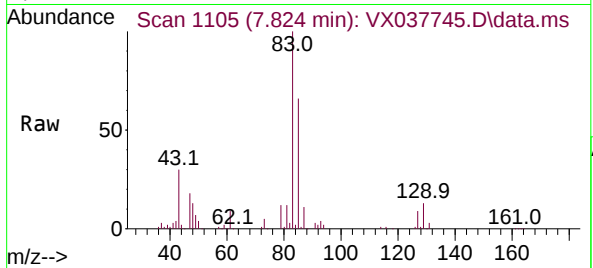
#47
Bromodichloromethane
Concen: 19.689 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 75918
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.6
127 8.9 7.1 10.7

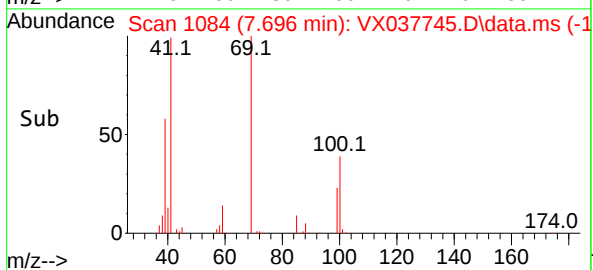
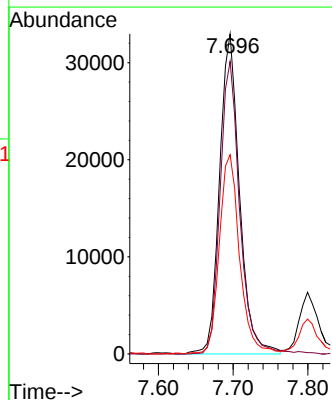
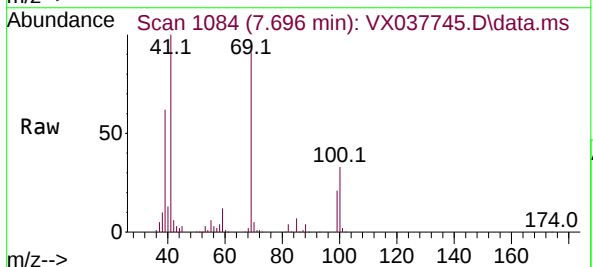
Manual Integrations
APPROVED

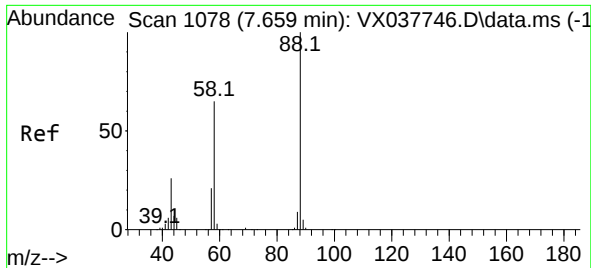
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#48
Methyl methacrylate
Concen: 19.973 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

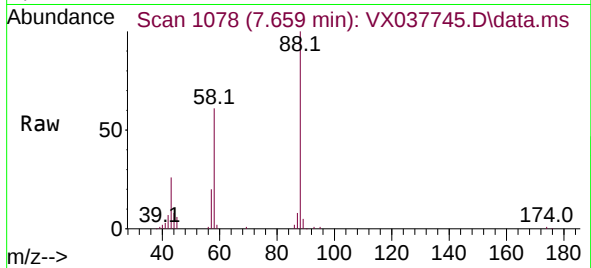
Tgt Ion: 41 Resp: 61168
Ion Ratio Lower Upper
41 100
69 89.8 59.2 88.8#
39 63.4 47.7 71.5





#49
1,4-Dioxane
Concen: 426.301 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

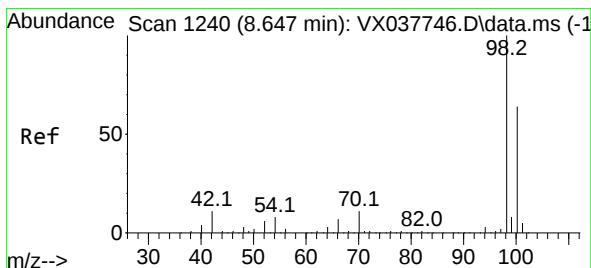
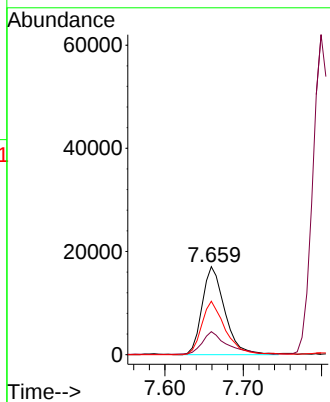
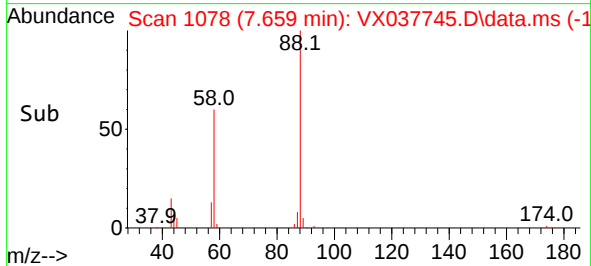
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 34228
Ion Ratio Lower Upper
88 100
43 28.7 0.0 0.0
58 63.1 60.1 90.1

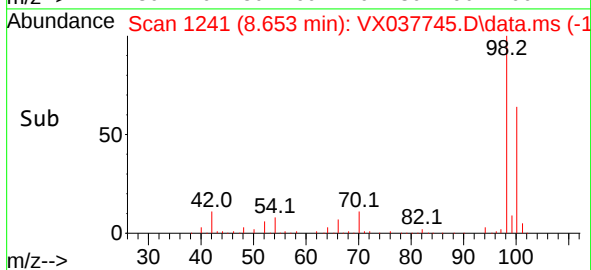
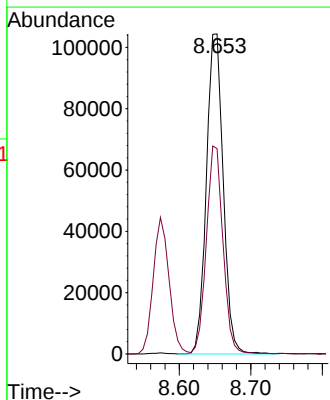
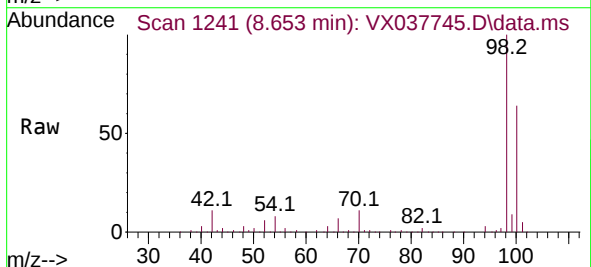
Manual Integrations
APPROVED

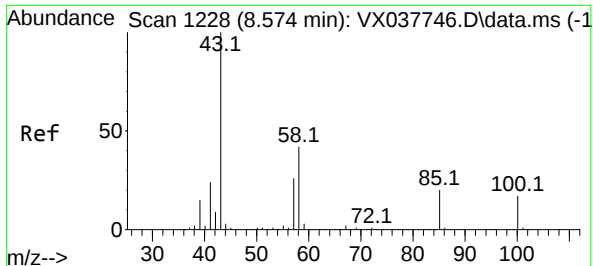
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#50
Toluene-d8
Concen: 17.359 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion: 98 Resp: 170639
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 103.272 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 419772

Ion Ratio Lower Upper

43 100

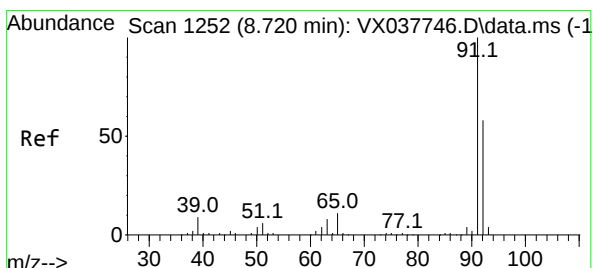
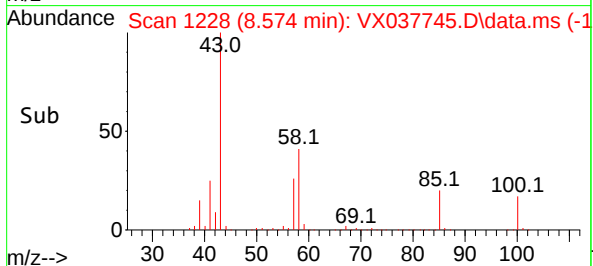
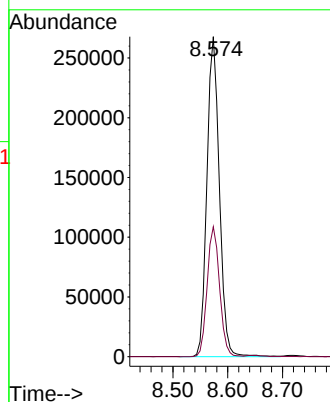
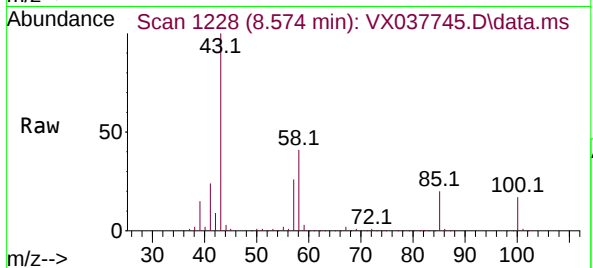
58 40.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#52

Toluene

Concen: 20.090 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037745.D

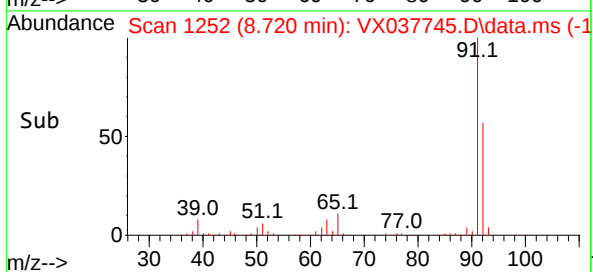
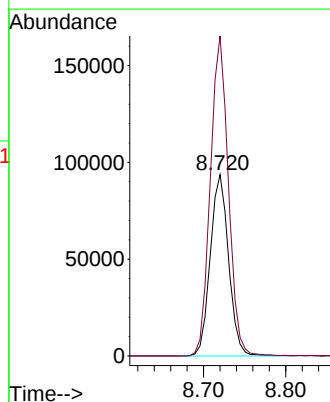
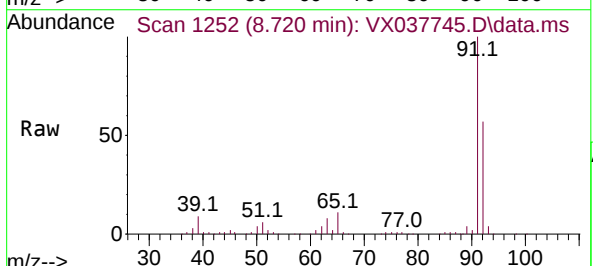
Acq: 15 Sep 2023 09:49

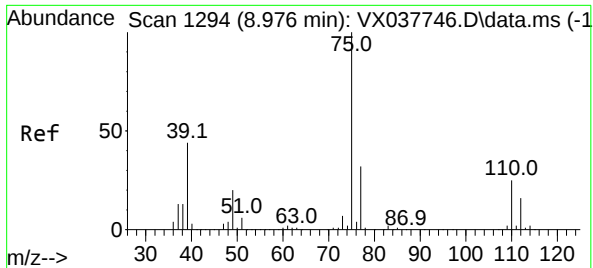
Tgt Ion: 92 Resp: 145109

Ion Ratio Lower Upper

92 100

91 174.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.895 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 79850

Ion Ratio Lower Upper

75 100

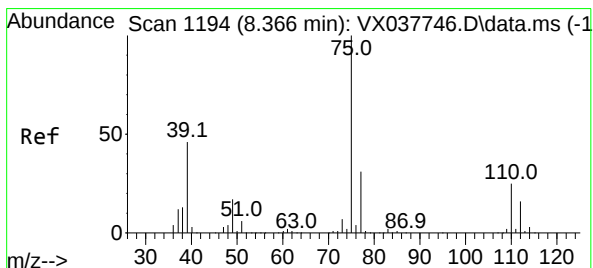
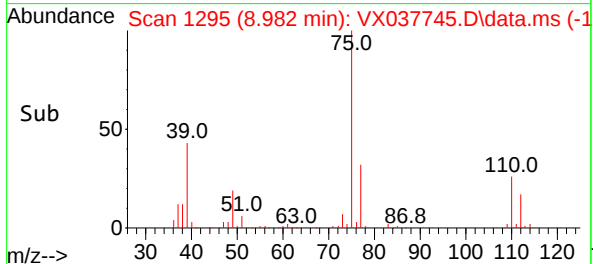
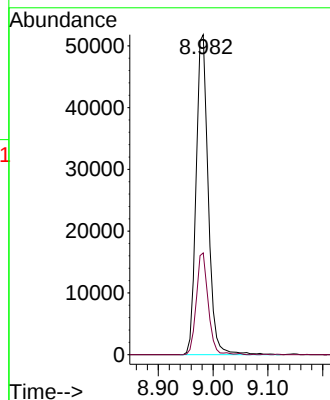
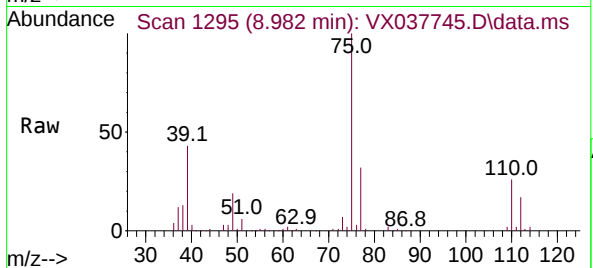
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#54

cis-1,3-Dichloropropene

Concen: 19.939 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

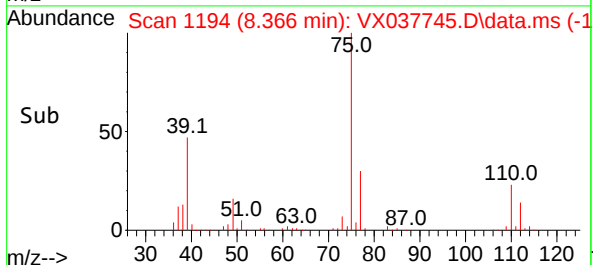
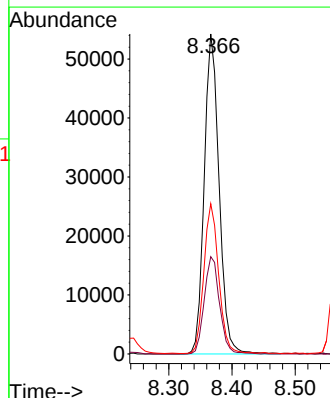
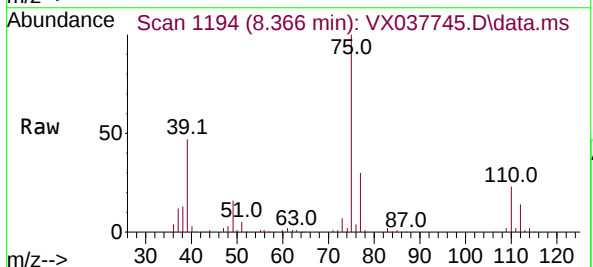
Tgt Ion: 75 Resp: 88968

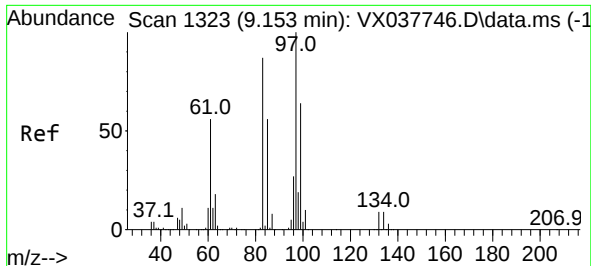
Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

39 46.8 46.7 70.1





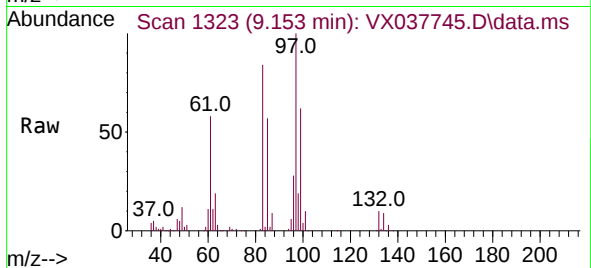
#55
1,1,2-Trichloroethane
Concen: 20.128 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



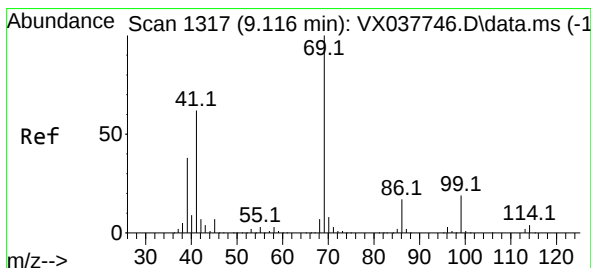
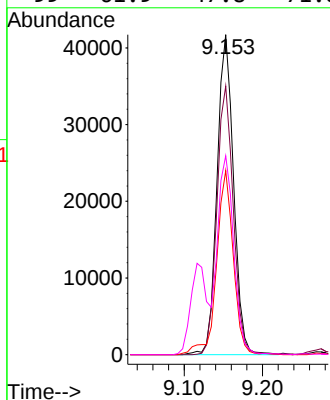
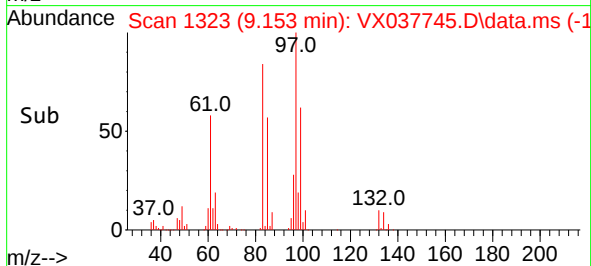
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.8	98.8
85	57.5	41.6	62.4
99	61.9	47.8	71.8

Manual Integrations

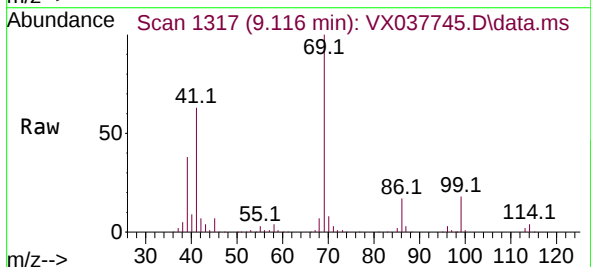
APPROVED

Reviewed By :John Carlone 09/18/2023

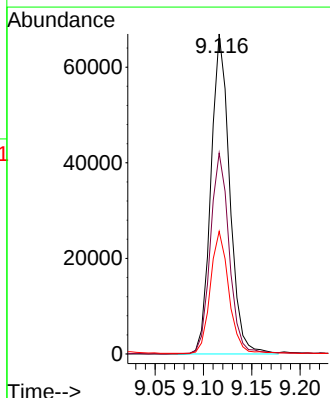
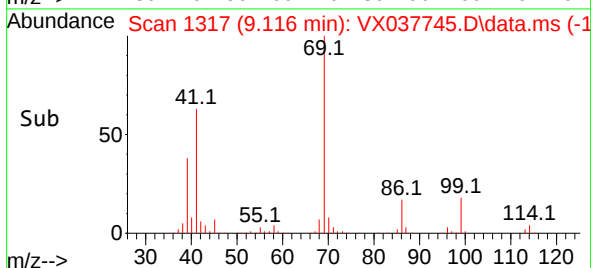
Supervised By :Mahesh Dadoda 09/18/2023

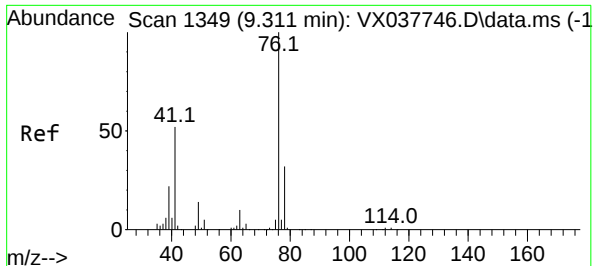


#56
Ethyl methacrylate
Concen: 19.828 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	56.8	85.2
39	37.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.997 ug/l

RT: 9.311 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 98539

Ion Ratio Lower Upper

76 100

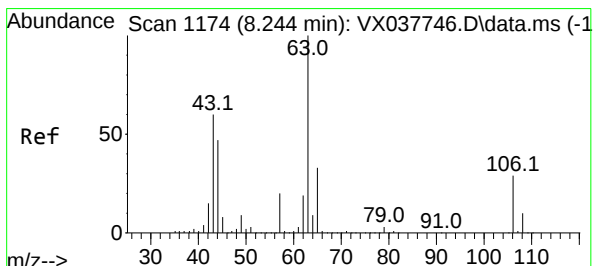
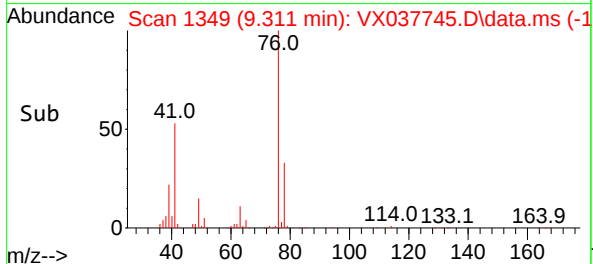
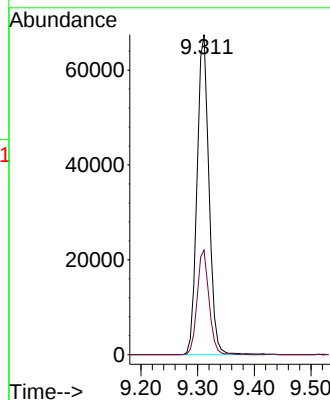
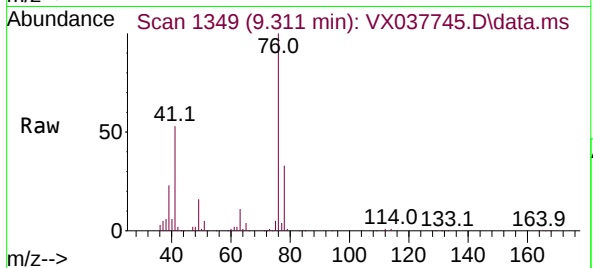
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.792 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037745.D

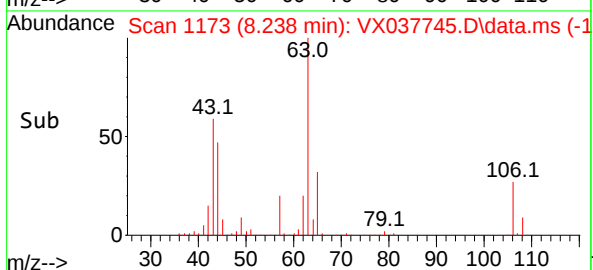
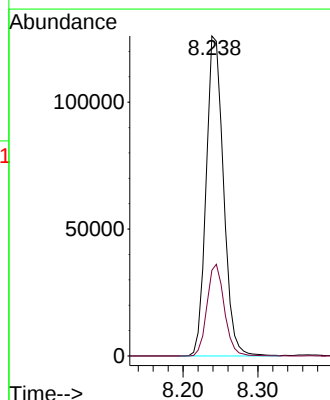
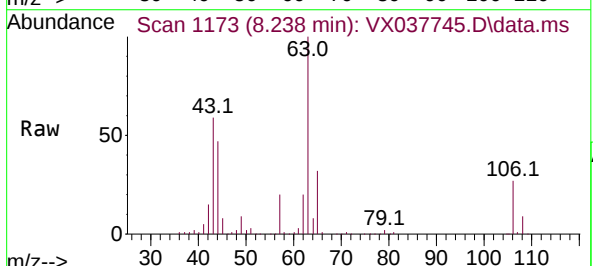
Acq: 15 Sep 2023 09:49

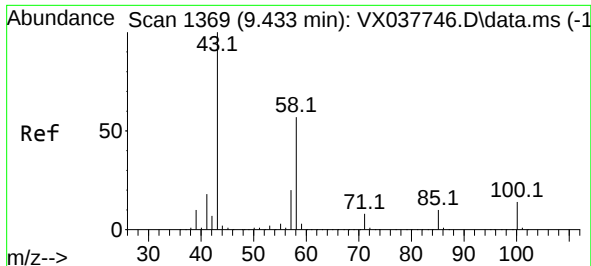
Tgt Ion: 63 Resp: 203351

Ion Ratio Lower Upper

63 100

106 28.6 22.5 33.7





#59

2-Hexanone

Concen: 104.541 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 33085

Ion Ratio Lower Upper

43 100

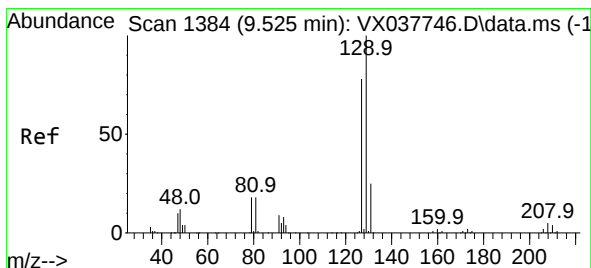
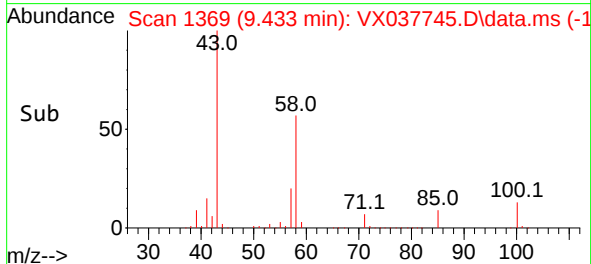
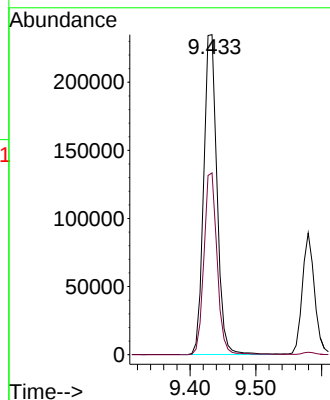
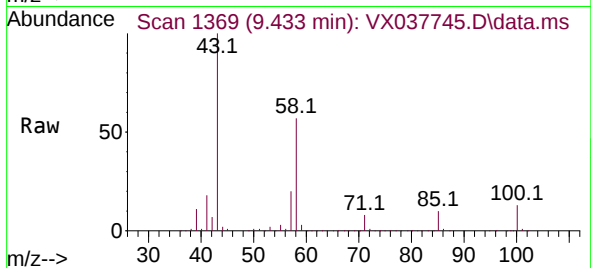
58 56.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#60

Dibromochloromethane

Concen: 19.673 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037745.D

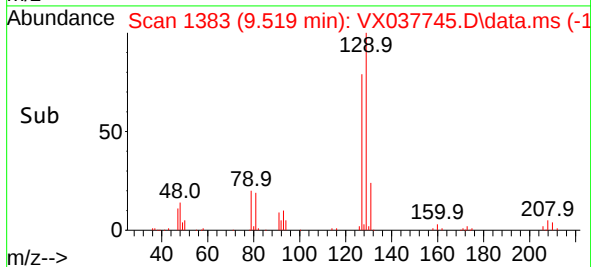
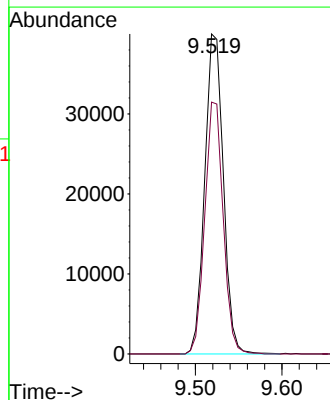
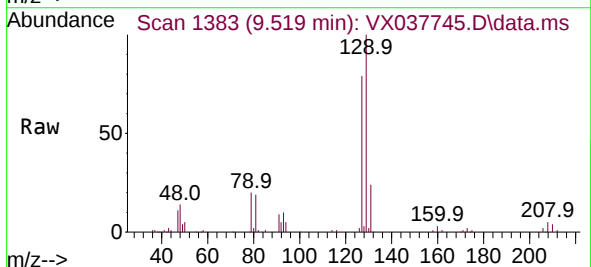
Acq: 15 Sep 2023 09:49

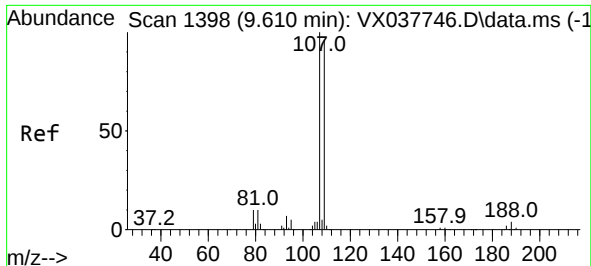
Tgt Ion:129 Resp: 59680

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.305 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

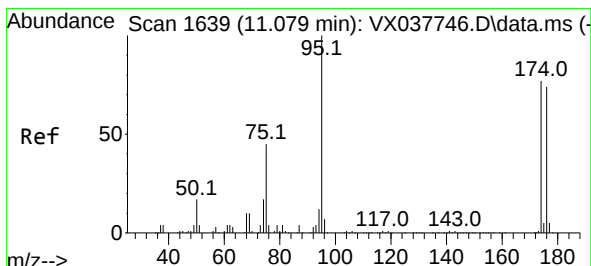
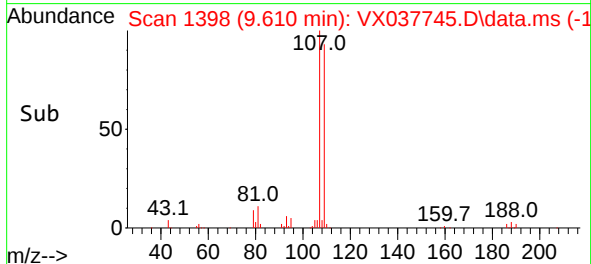
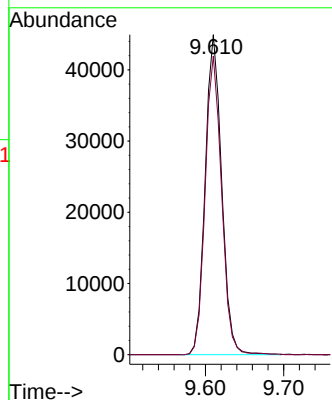
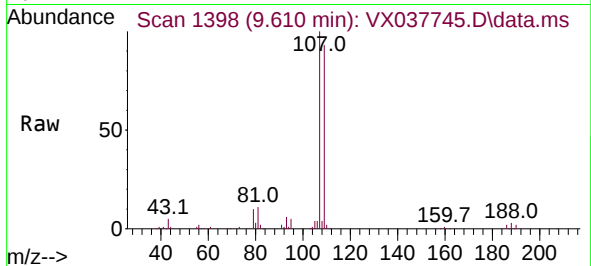
VSTDIC020

Tgt Ion:107 Resp: 65469
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

Manual Integrations

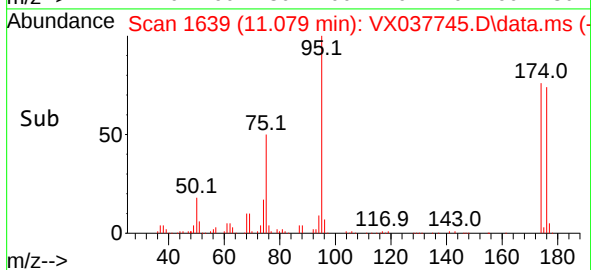
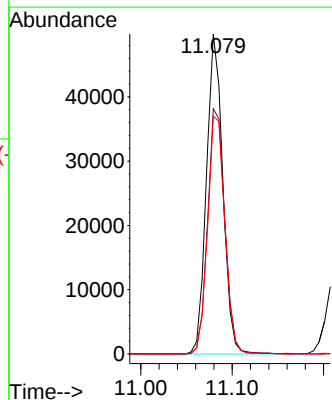
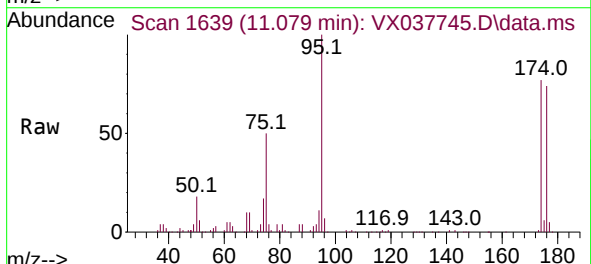
APPROVED

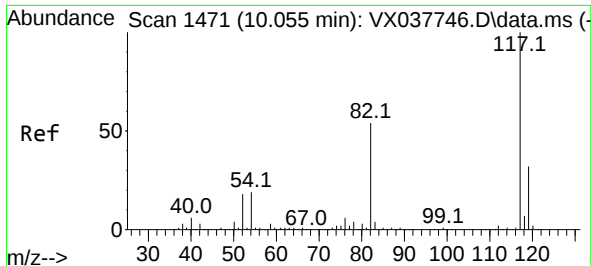
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#62
4-Bromofluorobenzene
Concen: 17.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

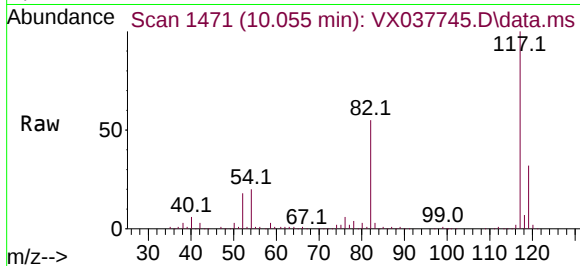
Tgt Ion: 95 Resp: 61582
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 78.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

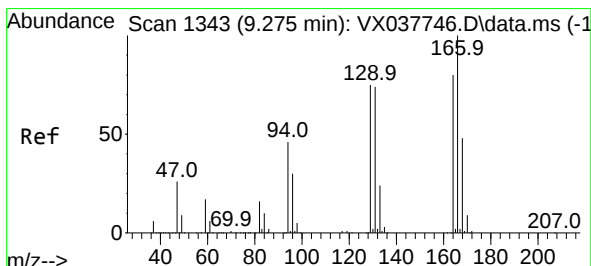
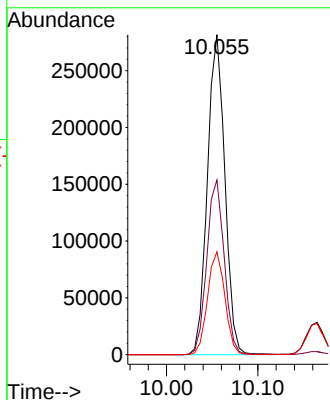
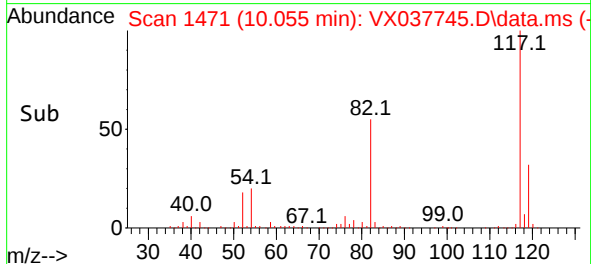
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 372560
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3

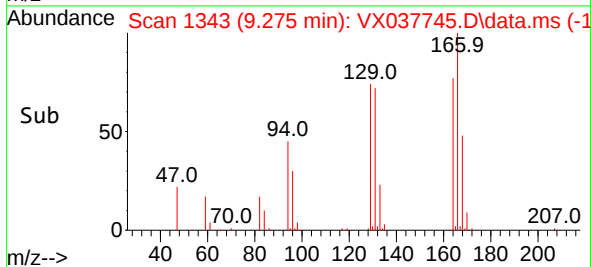
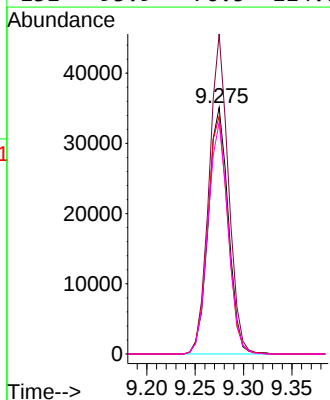
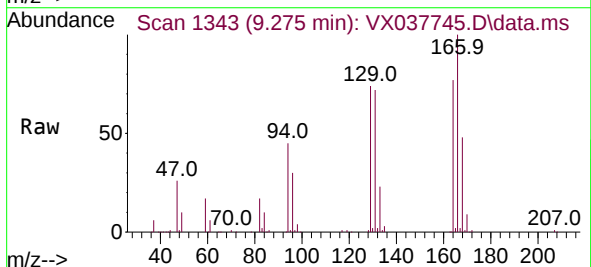
Manual Integrations
APPROVED

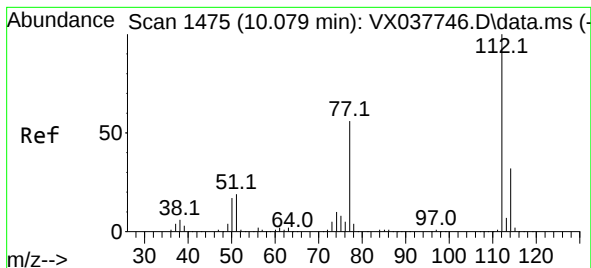
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 19.879 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:164 Resp: 50510
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 96.5 80.4 120.6
131 93.9 76.5 114.7





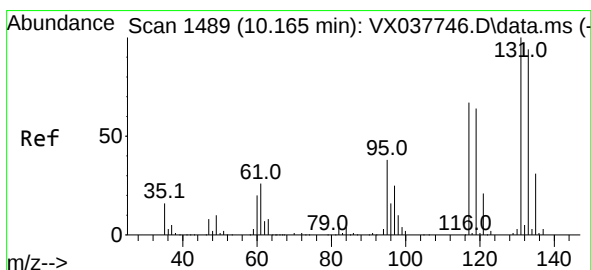
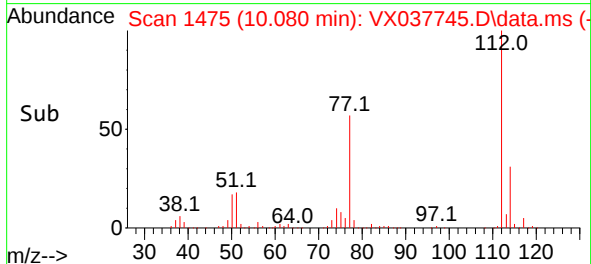
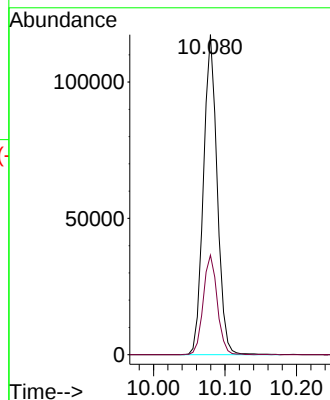
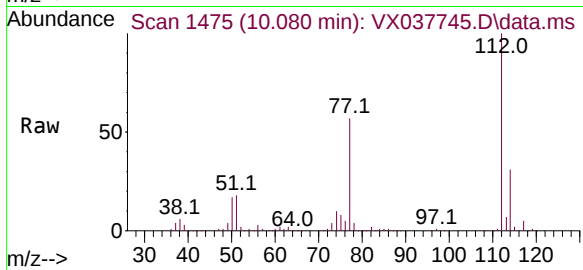
#65
Chlorobenzene
Concen: 19.495 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 15666
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

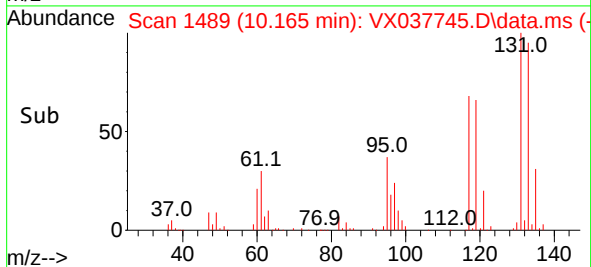
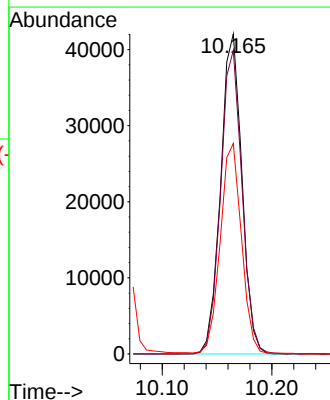
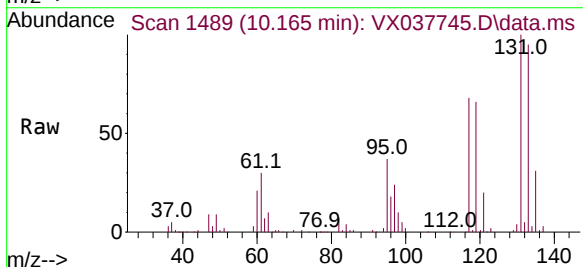
Manual Integrations
APPROVED

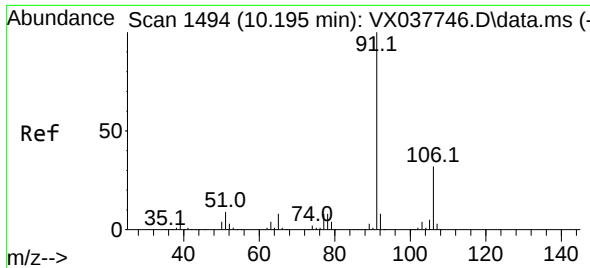
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.873 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:131 Resp: 56596
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 66.1 32.2 96.6





#67

Ethyl Benzene

Concen: 20.166 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 280970

Ion Ratio Lower Upper

91 100

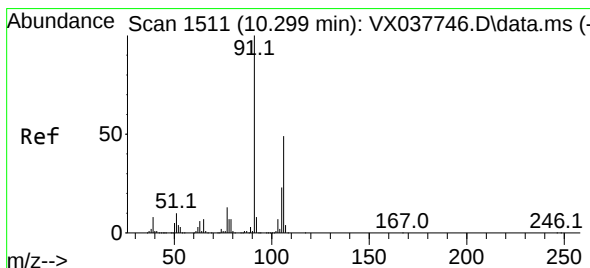
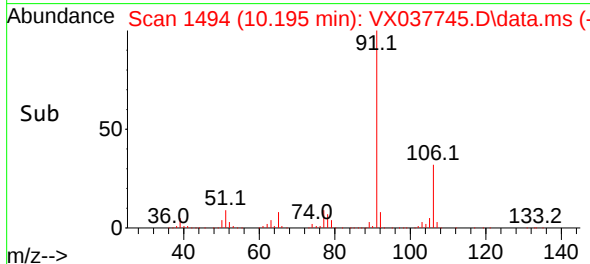
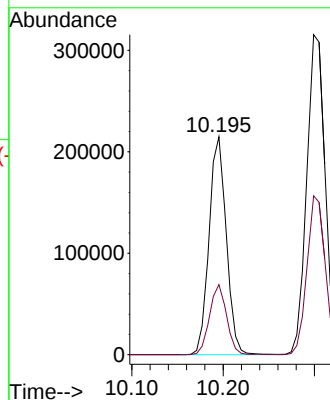
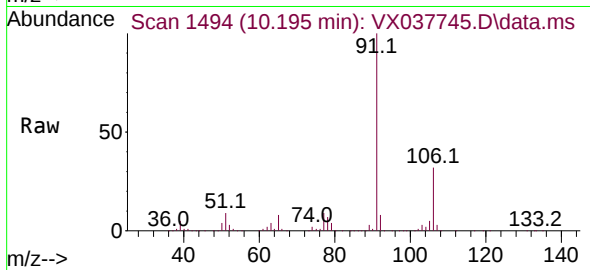
106 32.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#68

m/p-Xylenes

Concen: 40.742 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037745.D

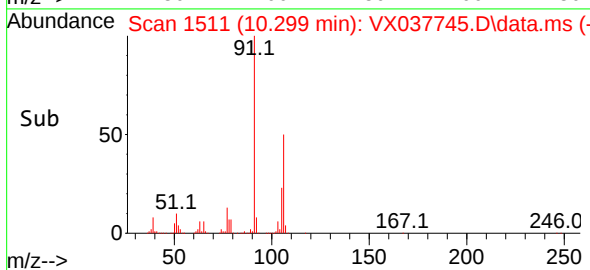
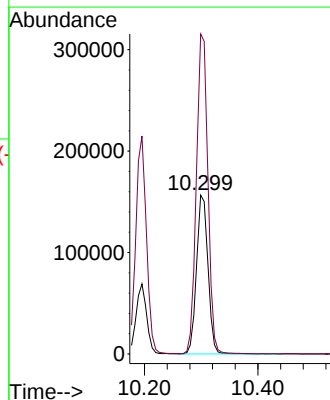
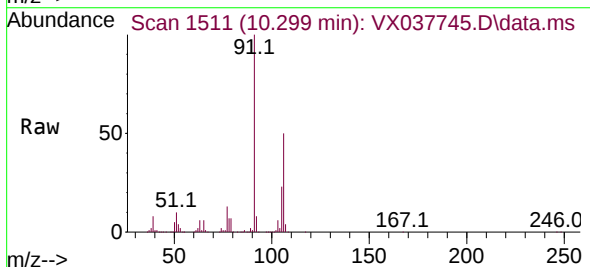
Acq: 15 Sep 2023 09:49

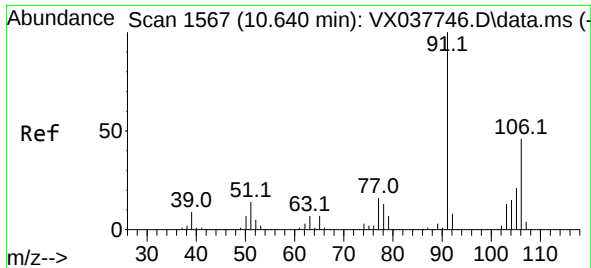
Tgt Ion:106 Resp: 219349

Ion Ratio Lower Upper

106 100

91 202.3 165.5 248.3





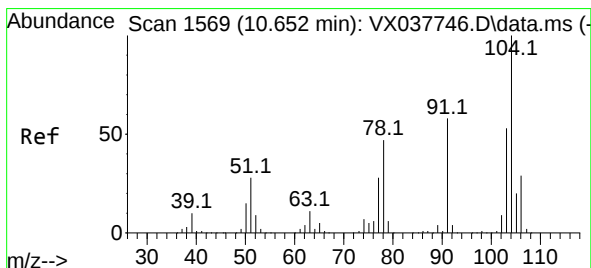
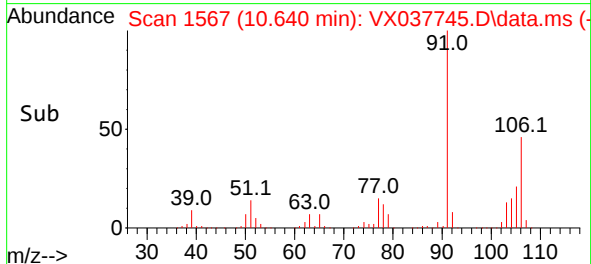
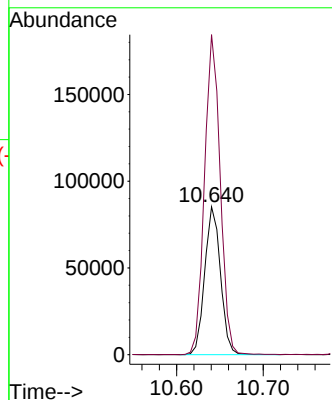
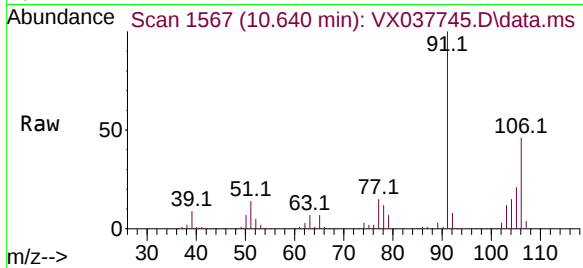
#69
o-Xylene
Concen: 19.971 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 10782
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8

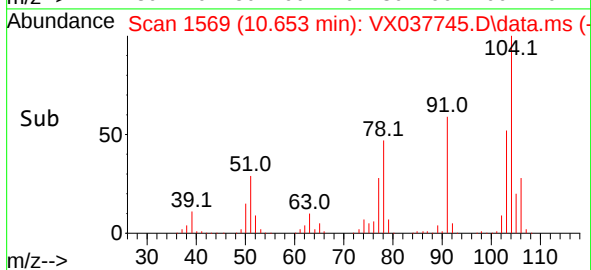
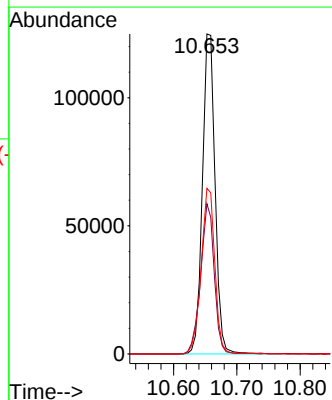
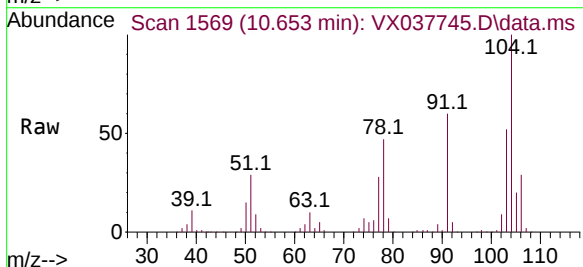
Manual Integrations
APPROVED

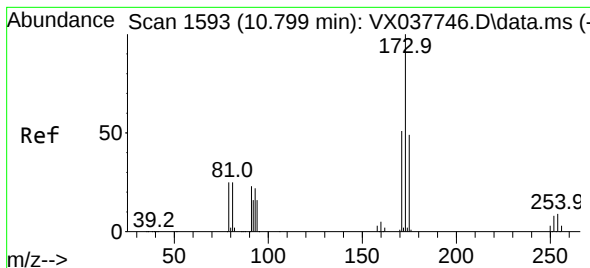
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 20.140 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:104 Resp: 174560
Ion Ratio Lower Upper
104 100
78 50.3 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 19.540 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

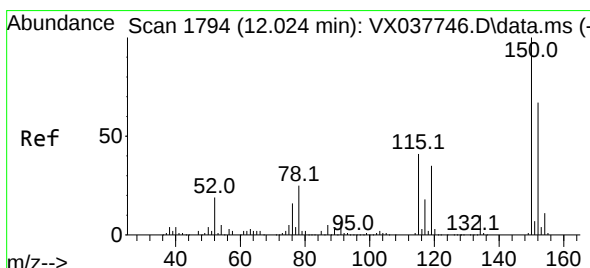
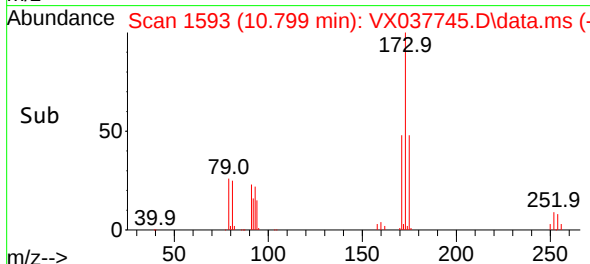
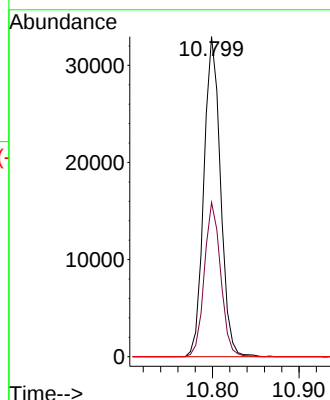
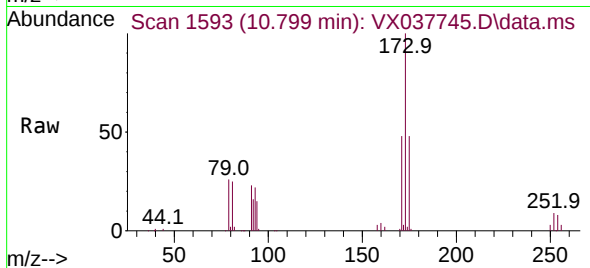
Tgt Ion:173	Resp:	4390
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

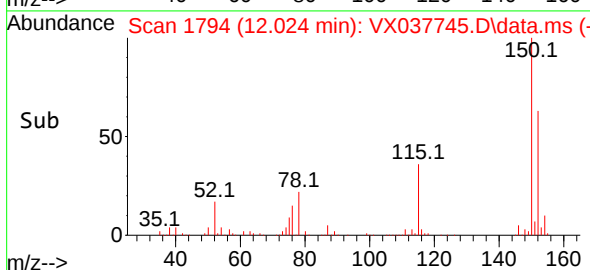
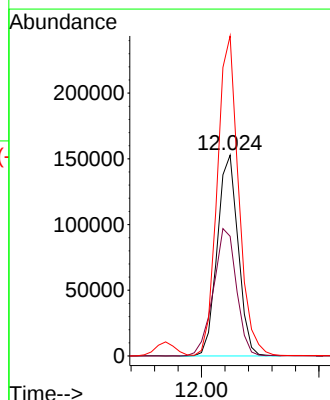
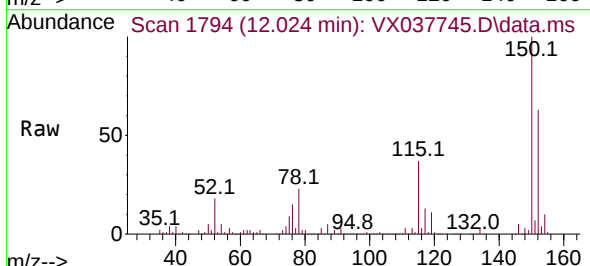
RT: 12.024 min Scan# 1794

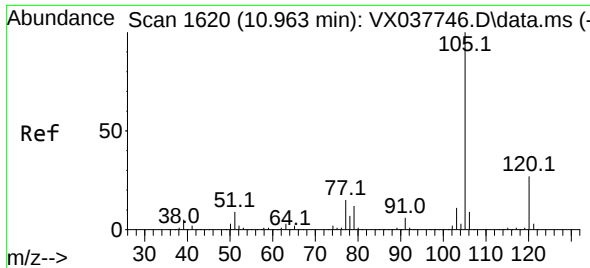
Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

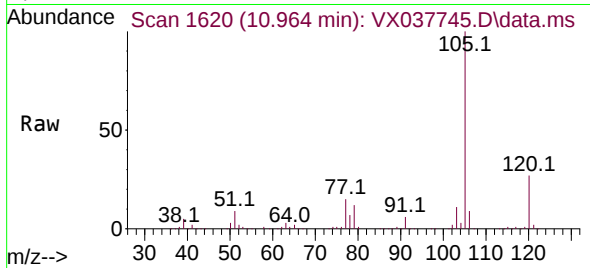
Tgt Ion:152	Resp:	188247
Ion Ratio	Lower	Upper
152	100	
115	70.4	43.3 129.9
150	163.2	0.0 345.0





#73
Isopropylbenzene
Concen: 20.486 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

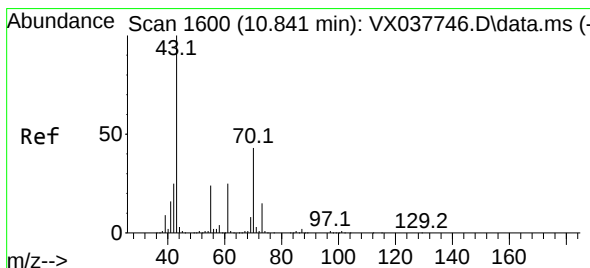
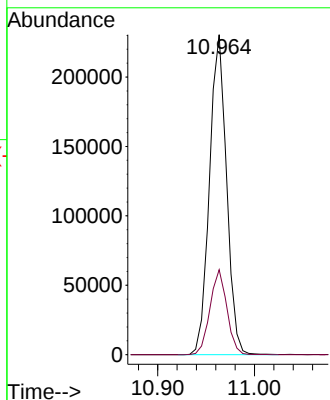
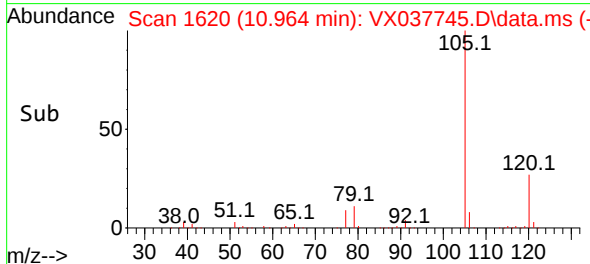
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



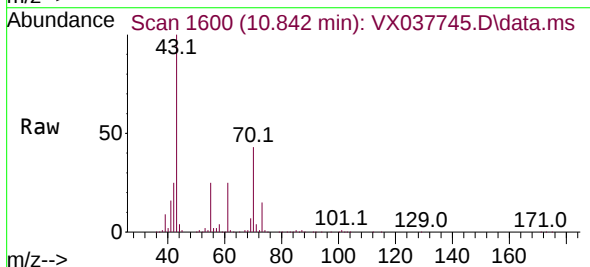
Tgt Ion: 105 Resp: 282929
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations
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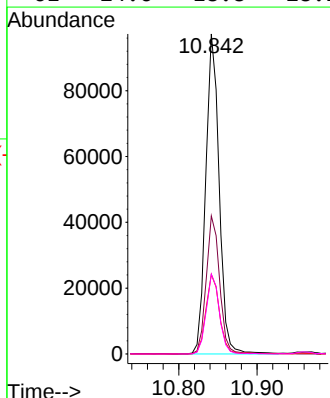
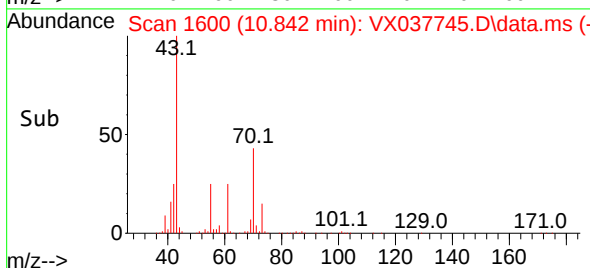
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

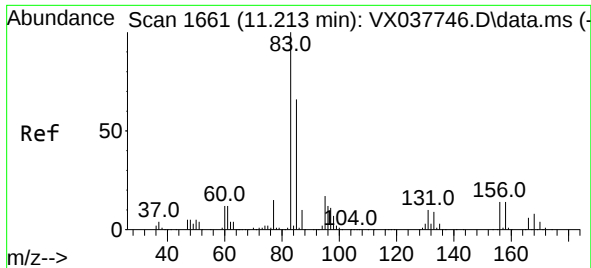


#74
N-ethyl acetate
Concen: 20.577 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 43 Resp: 115091
Ion Ratio Lower Upper
43 100
70 43.4 32.9 49.3
55 25.5 19.3 28.9
61 24.6 18.8 28.2





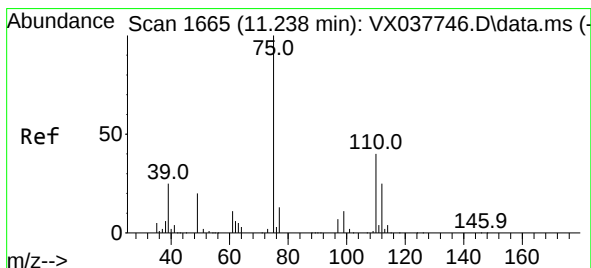
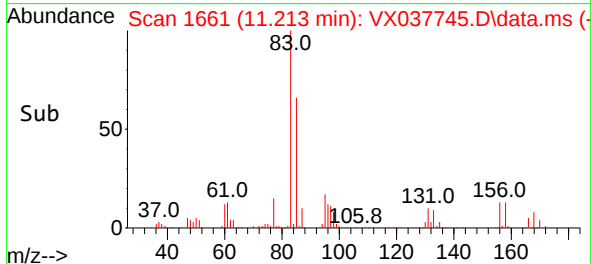
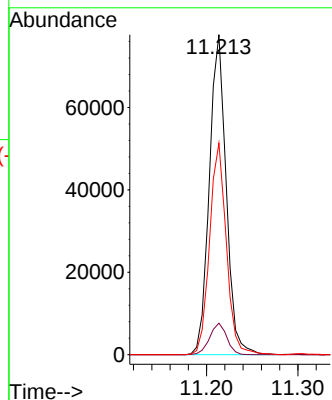
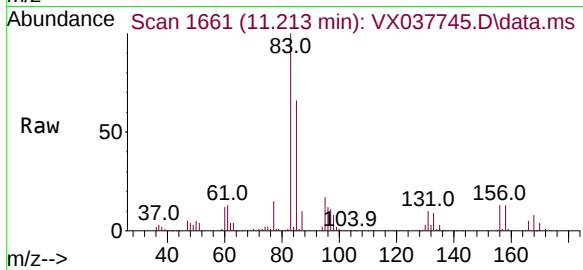
#75
1,1,2,2-Tetrachloroethane
Concen: 20.441 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 99280
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.7 32.0 96.2

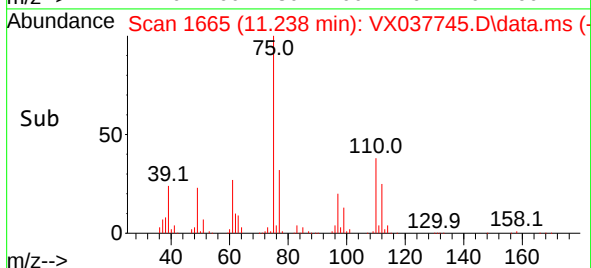
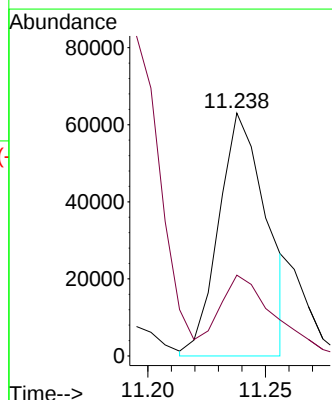
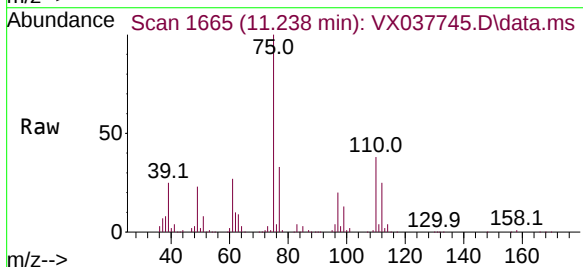
Manual Integrations
APPROVED

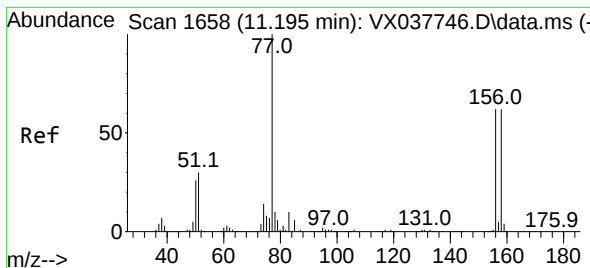
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#76
1,2,3-Trichloropropane
Concen: 19.256 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion: 75 Resp: 88711
Ion Ratio Lower Upper
75 100
77 39.0 19.1 57.5





#77

Bromobenzene

Concen: 20.003 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

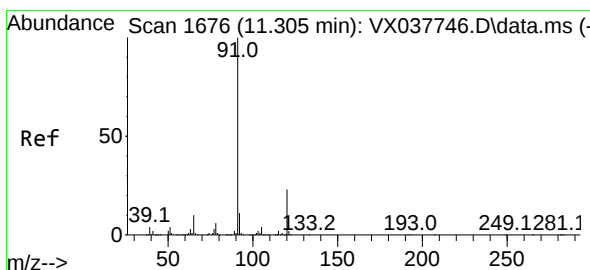
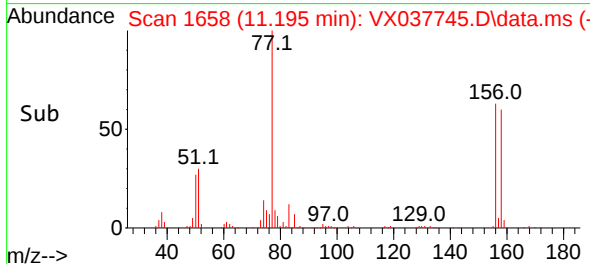
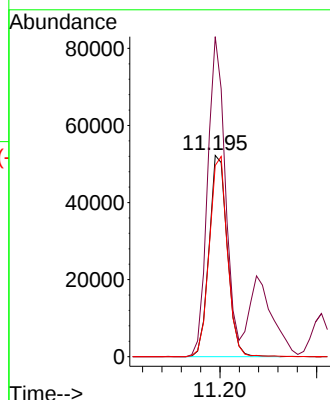
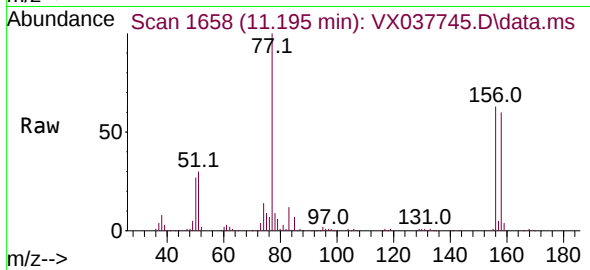
Tgt Ion:	156	Resp:	68378
Ion Ratio	Lower	Upper	
156	100		
77	154.3	88.4	265.3
158	98.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 20.388 ug/l

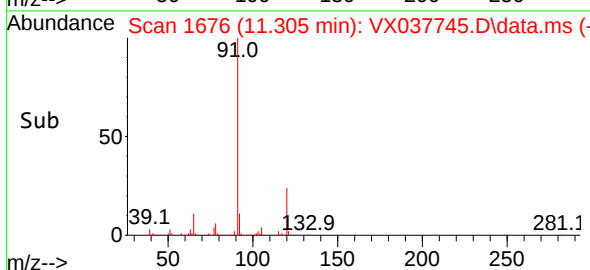
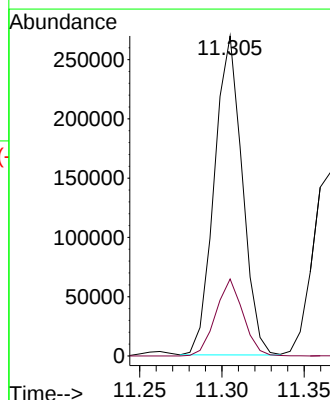
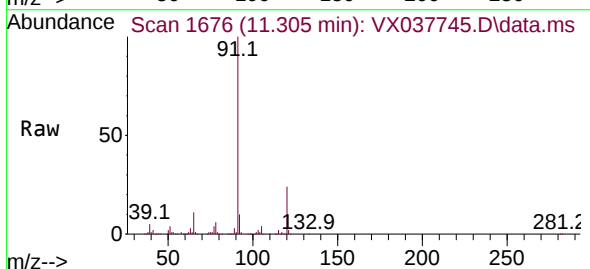
RT: 11.305 min Scan# 1676

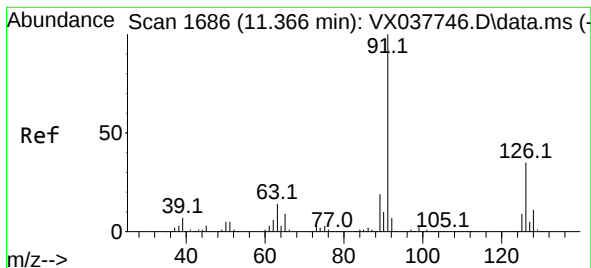
Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Tgt Ion:	91	Resp:	317991
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





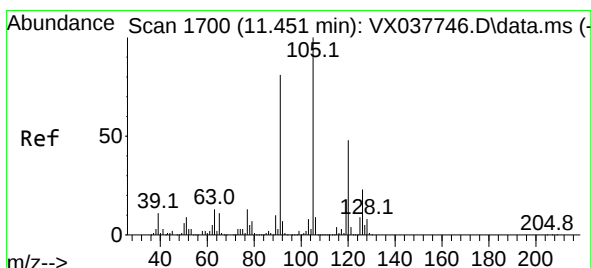
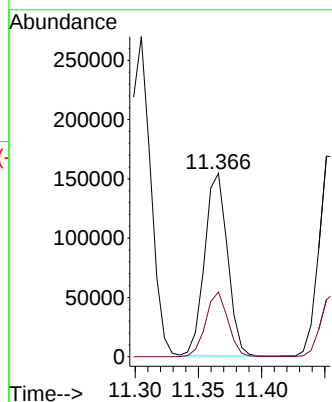
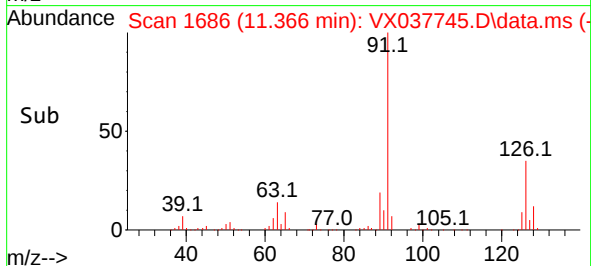
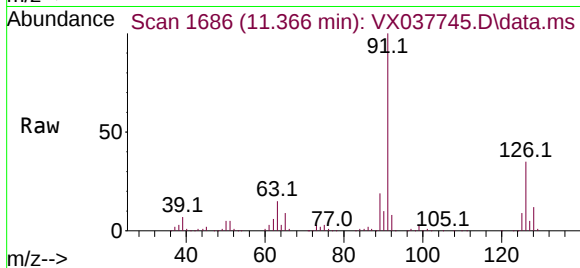
#79
2-Chlorotoluene
Concen: 20.233 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 194582
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

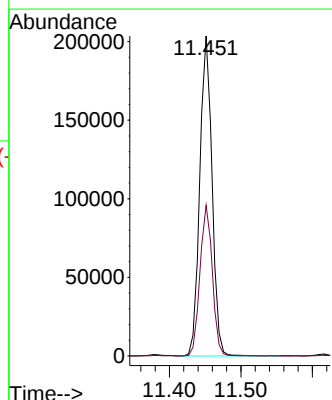
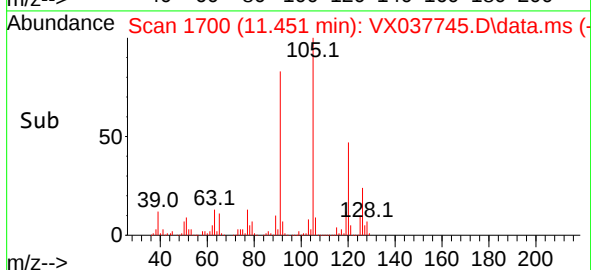
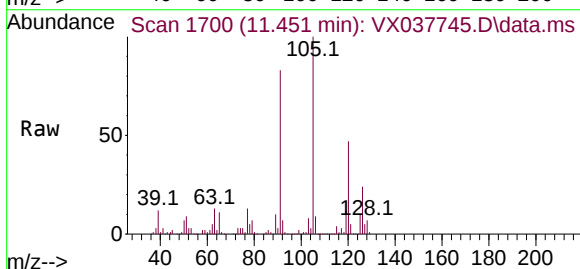
Manual Integrations
APPROVED

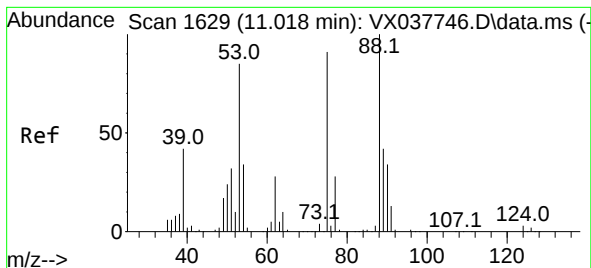
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.739 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Tgt Ion:105 Resp: 241885
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





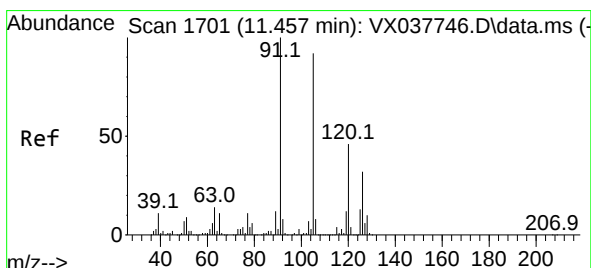
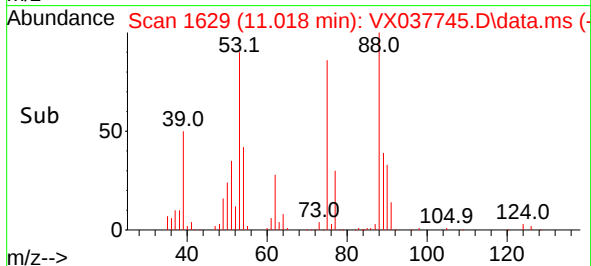
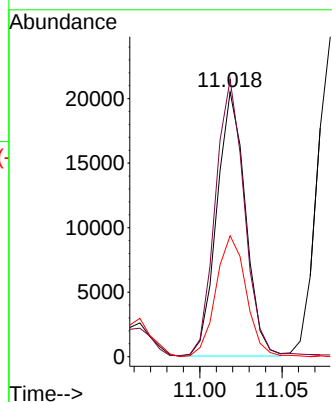
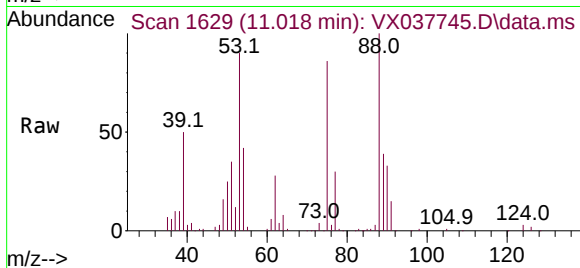
#81
trans-1,4-Dichloro-2-butene
Concen: 18.248 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 2480
Ion Ratio Lower Upper
75 100
53 106.8 90.5 135.7
89 48.4 36.9 55.3

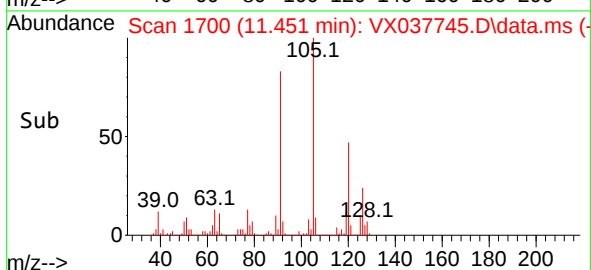
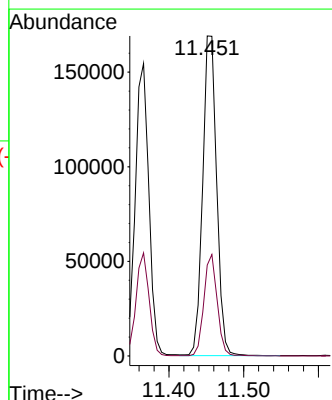
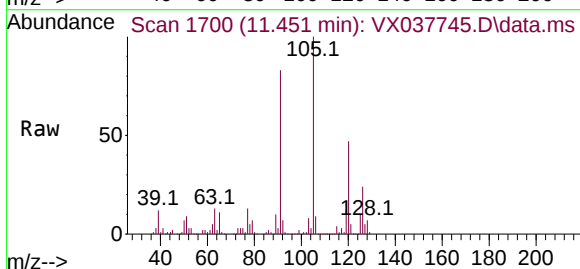
Manual Integrations
APPROVED

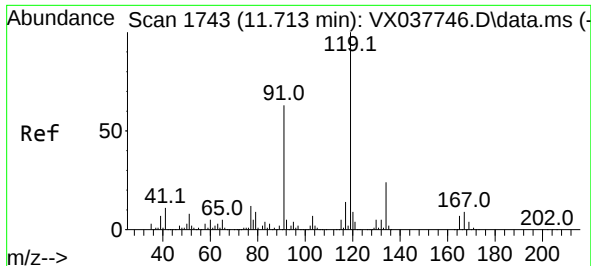
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 20.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

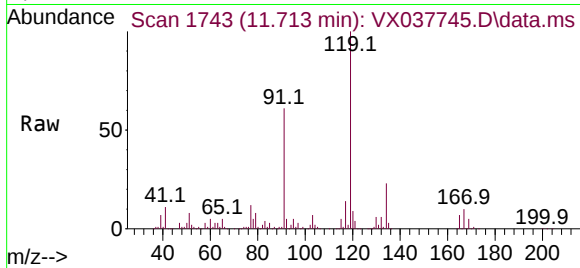
Tgt Ion: 91 Resp: 220240
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 20.173 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49

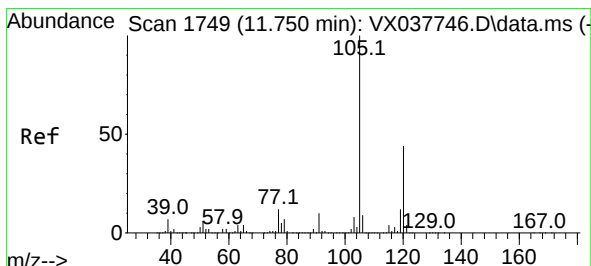
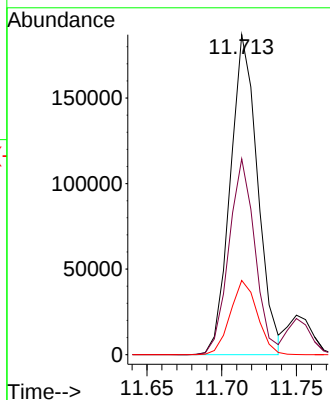
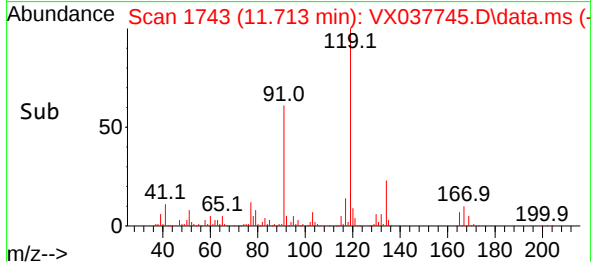
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



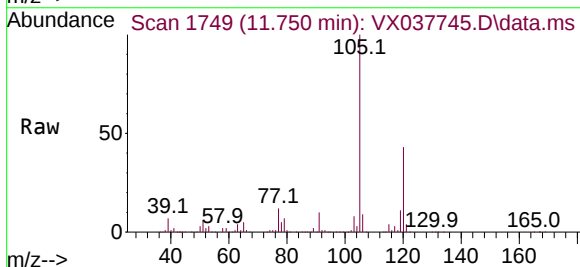
Tgt Ion:119 Resp: 237790
 Ion Ratio Lower Upper
 119 100
 91 58.6 31.2 93.6
 134 22.9 11.7 35.0

Manual Integrations
 APPROVED

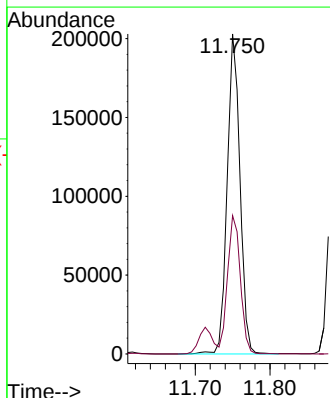
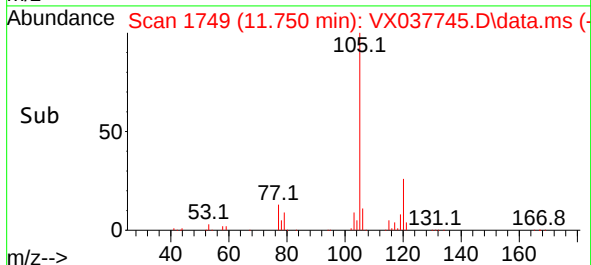
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

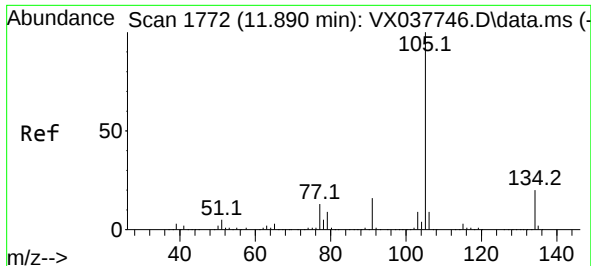


#84
 1,2,4-Trimethylbenzene
 Concen: 20.813 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49



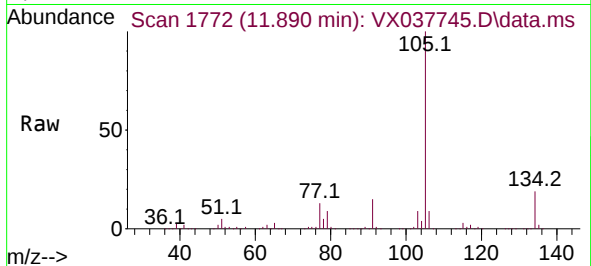
Tgt Ion:105 Resp: 241521
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.606 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49

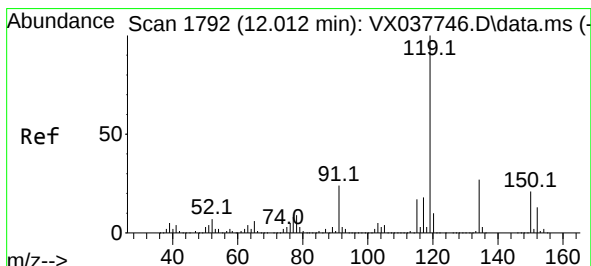
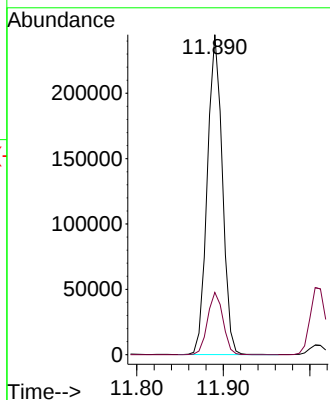
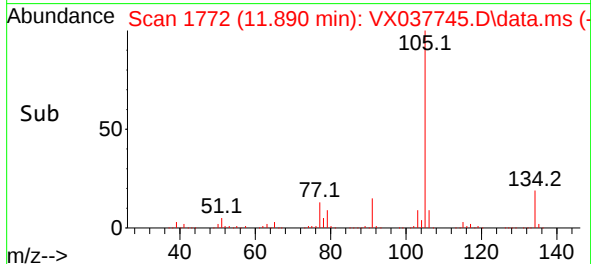
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



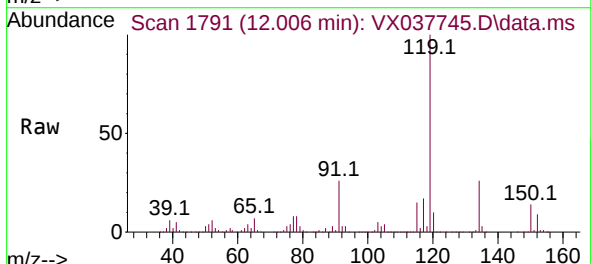
Tgt Ion:105 Resp: 294680
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

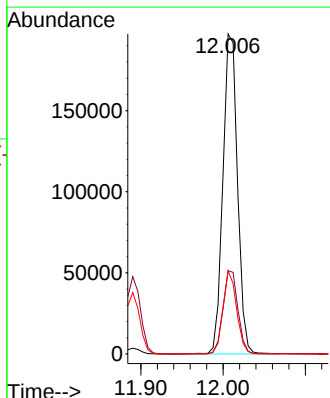
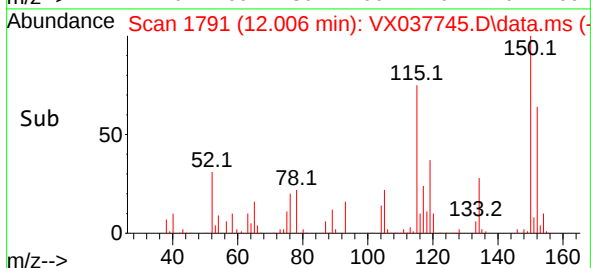
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

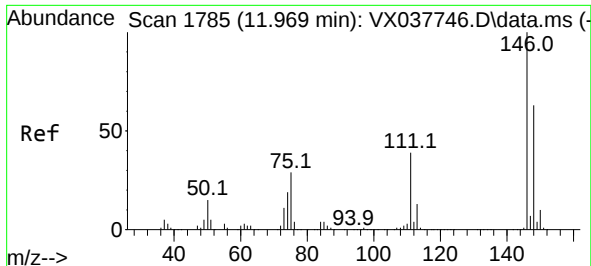


#86
 p-Isopropyltoluene
 Concen: 20.466 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037745.D
 Acq: 15 Sep 2023 09:49



Tgt Ion:119 Resp: 243460
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.042 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 127700

Ion Ratio Lower Upper

146 100

111 40.3 22.1 66.1

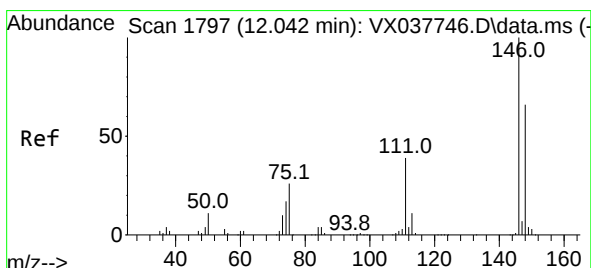
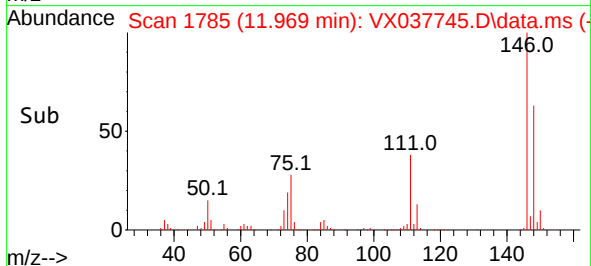
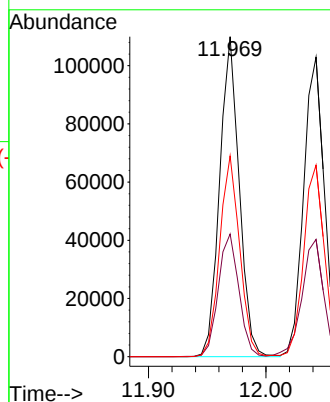
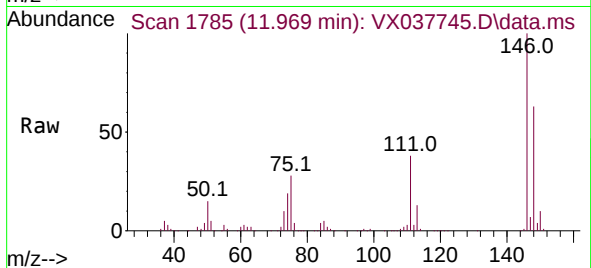
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#88

1,4-Dichlorobenzene

Concen: 19.459 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

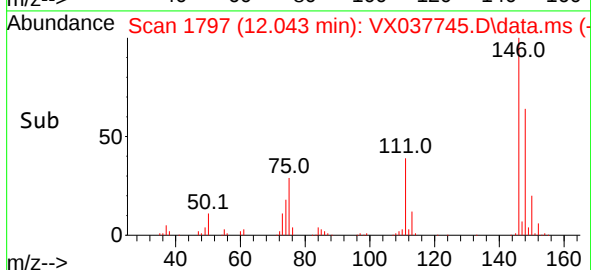
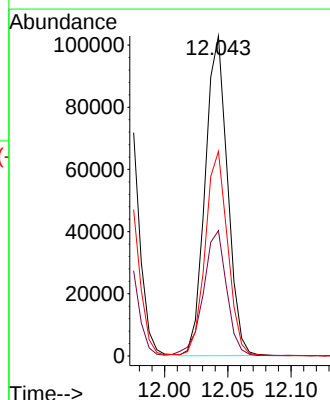
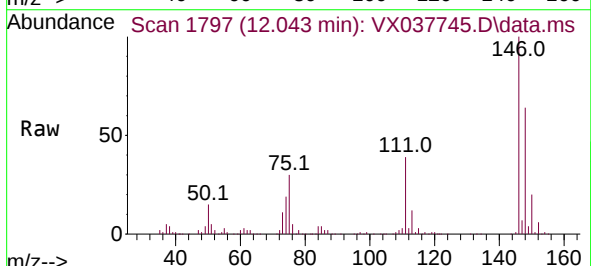
Tgt Ion:146 Resp: 126510

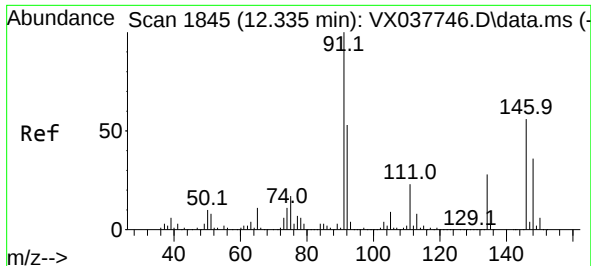
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

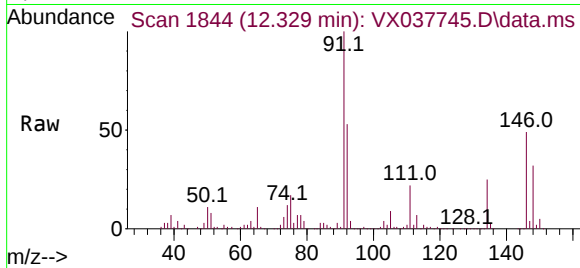
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 19.882 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

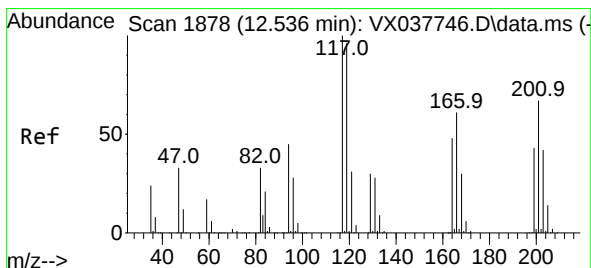
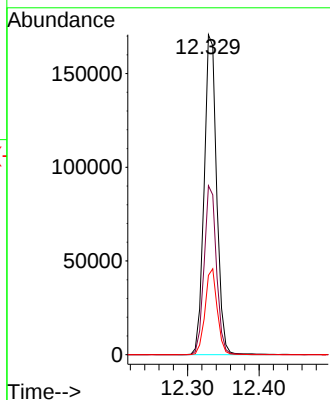
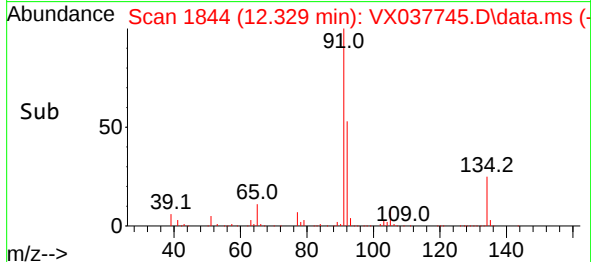
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 20752
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 26.1 12.6 37.8

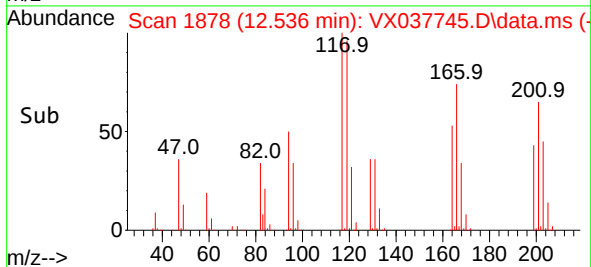
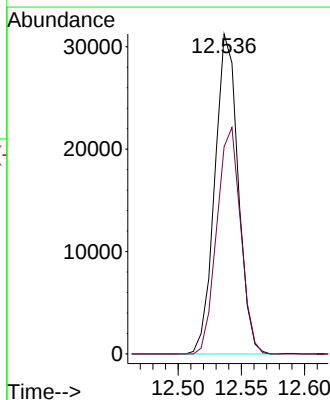
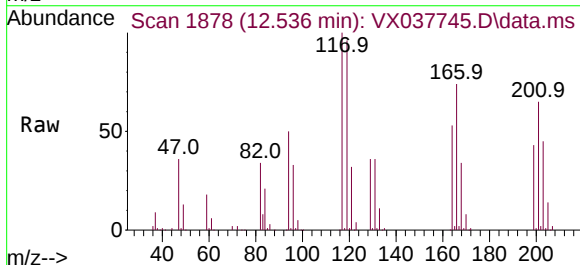
Manual Integrations
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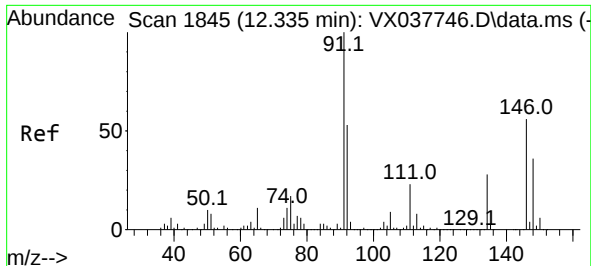
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#90
Hexachloroethane
Concen: 19.842 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

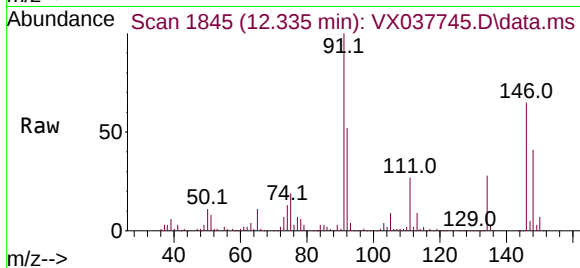
Tgt Ion:117 Resp: 40056
Ion Ratio Lower Upper
117 100
201 72.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.139 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

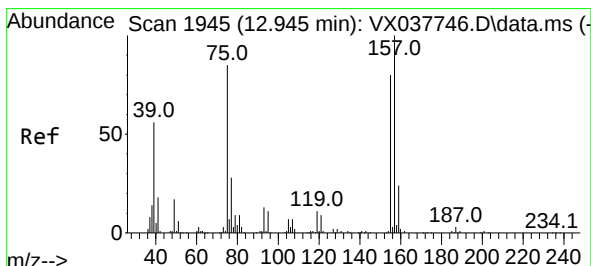
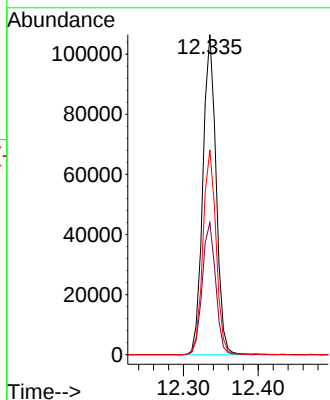
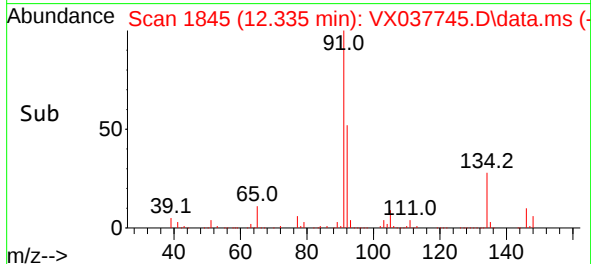
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



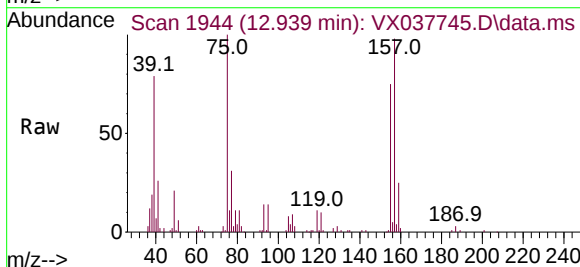
Tgt Ion:146 Resp: 13102
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
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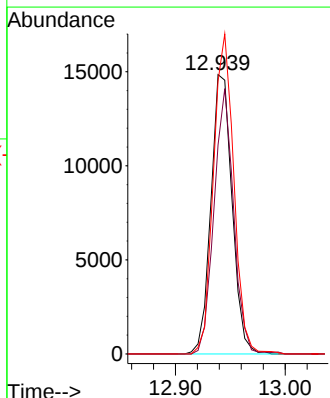
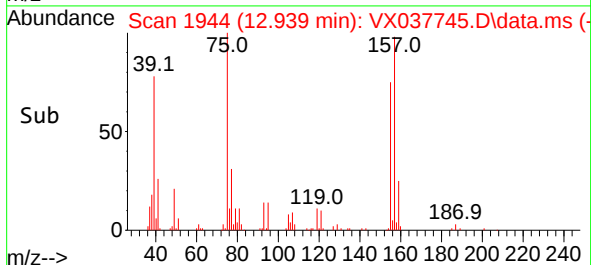
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

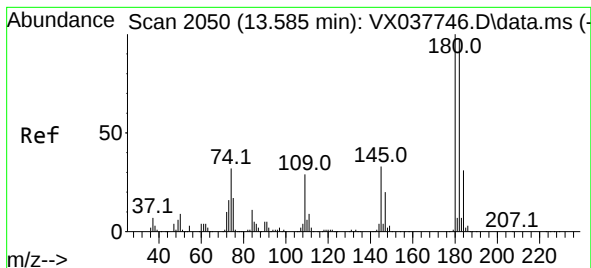


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.561 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion: 75 Resp: 19907
Ion Ratio Lower Upper
75 100
155 88.2 36.1 108.5
157 110.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.005 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

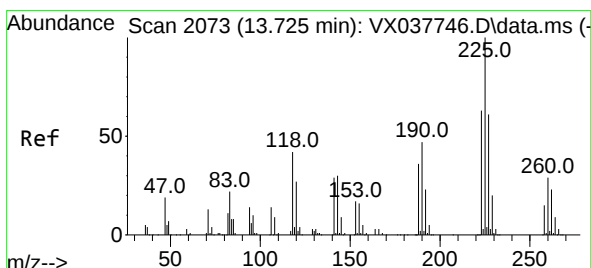
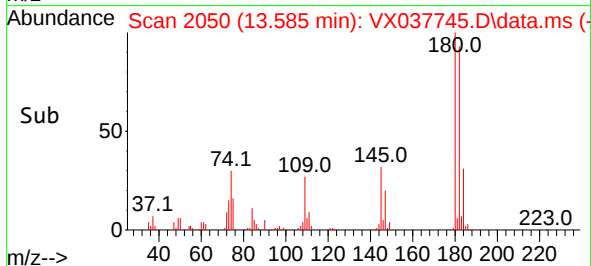
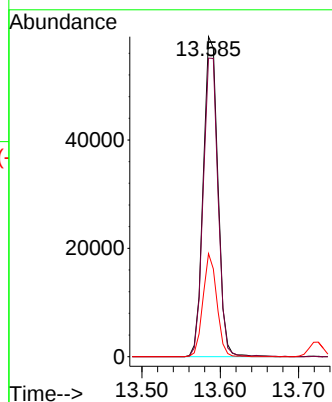
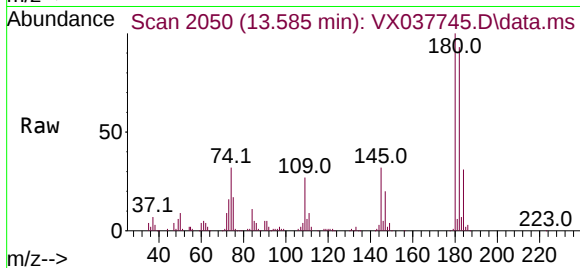
Tgt Ion:180	Resp:	7666
Ion Ratio	Lower	Upper
180	100	
182	94.2	48.3 144.8
145	30.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#94

Hexachlorobutadiene

Concen: 20.094 ug/l

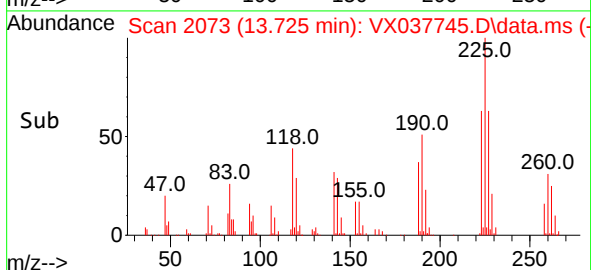
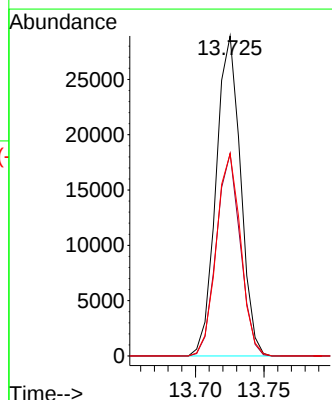
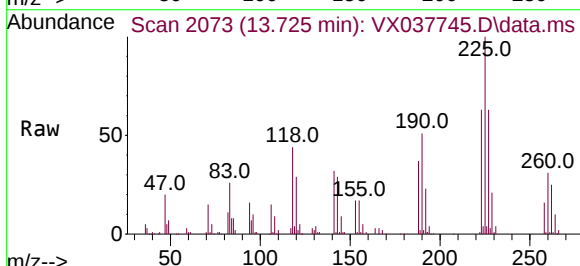
RT: 13.725 min Scan# 2073

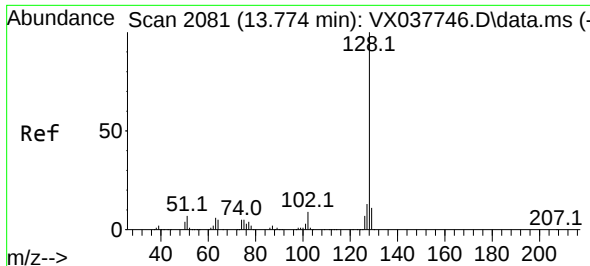
Delta R.T. -0.000 min

Lab File: VX037745.D

Acq: 15 Sep 2023 09:49

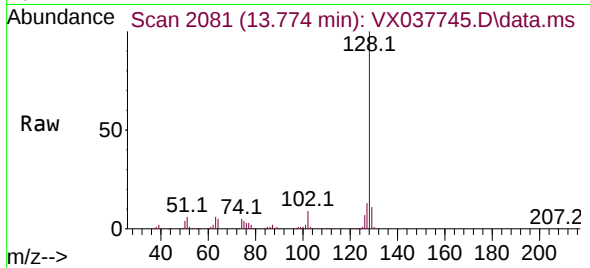
Tgt Ion:225	Resp:	35937
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.1 93.2
227	62.8	32.5 97.5





#95
Naphthalene
Concen: 20.434 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49

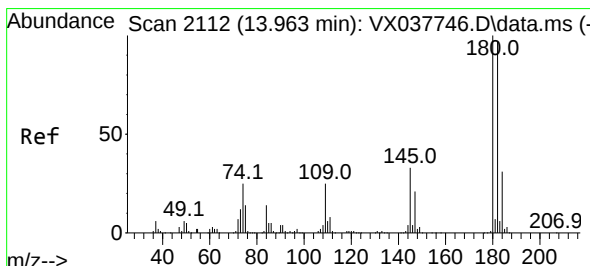
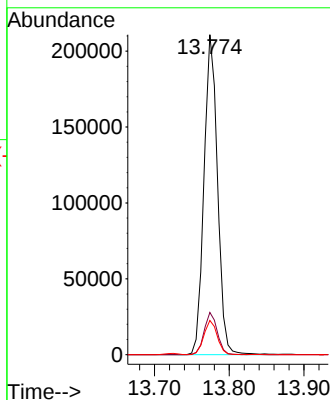
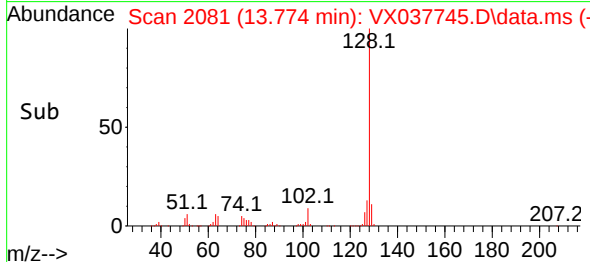
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



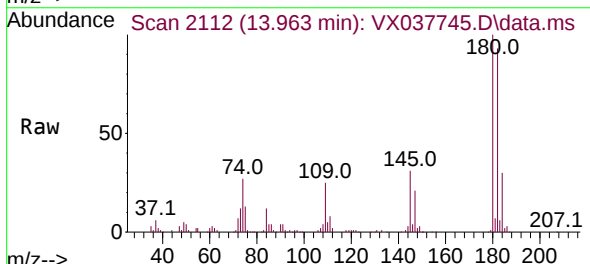
Tgt Ion:128 Resp: 264835
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.015 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037745.D
Acq: 15 Sep 2023 09:49



Tgt Ion:180 Resp: 78935
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 32.5 17.8 53.5

