

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037845.D
 Acq On : 21 Sep 2023 11:21
 Operator : JC/MD
 Sample : VX0921WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 04:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	240662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133480	42.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.420%		
35) Dibromofluoromethane	5.385	113	113835	44.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	8.647	98	424917	44.425	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.840%#		
62) 4-Bromofluorobenzene	11.079	95	163195	46.953	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	45922	18.103	ug/l	97
3) Chloromethane	1.300	50	46873	16.983	ug/l	98
4) Vinyl Chloride	1.374	62	51383	17.257	ug/l	95
5) Bromomethane	1.611	94	40473	18.987	ug/l	98
6) Chloroethane	1.691	64	34679	16.906	ug/l	99
7) Trichlorofluoromethane	1.892	101	88502	18.488	ug/l	99
8) Diethyl Ether	2.136	74	33199	17.901	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	46898	19.305	ug/l	97
10) Methyl Iodide	2.453	142	57125	17.769	ug/l	91
11) Tert butyl alcohol	2.953	59	54779	80.712	ug/l	# 91
12) 1,1-Dichloroethene	2.325	96	43226	18.411	ug/l	82
13) Acrolein	2.239	56	69040	102.969	ug/l	99
14) Allyl chloride	2.666	41	68829	17.601	ug/l	# 95
15) Acrylonitrile	3.062	53	135795	89.990	ug/l	99
16) Acetone	2.379	43	130913	86.066	ug/l	90
17) Carbon Disulfide	2.514	76	99762	16.947	ug/l	98
18) Methyl Acetate	2.703	43	98321	17.918	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	160335	18.564	ug/l	98
20) Methylene Chloride	2.794	84	53242	18.917	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	48704	18.681	ug/l	92
22) Diisopropyl ether	3.763	45	151393	18.586	ug/l	# 87
23) Vinyl Acetate	3.721	43	557346	93.026	ug/l	# 95
24) 1,1-Dichloroethane	3.611	63	88690	18.170	ug/l	99
25) 2-Butanone	4.550	43	184474	85.942	ug/l	92
26) 2,2-Dichloropropane	4.477	77	70600	17.901	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	59310	18.556	ug/l	89
28) Bromochloromethane	4.897	49	41130	18.063	ug/l	# 78
29) Tetrahydrofuran	5.001	42	115614	86.592	ug/l	90
30) Chloroform	5.092	83	98982	18.825	ug/l	96
31) Cyclohexane	5.470	56	74191	18.281	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	83184	18.684	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69120	19.492	ug/l	96
37) Ethyl Acetate	4.714	43	68320	17.525	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	71809	19.354	ug/l	98
39) Methylcyclohexane	7.379	83	86685	19.260	ug/l	93
40) Benzene	6.037	78	206027	18.893	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37297	18.763	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	75785	19.228	ug/l	96
43) Isopropyl Acetate	6.342	43	116261	18.650	ug/l	96
44) Trichloroethene	7.129	130	56352	18.556	ug/l	95
45) 1,2-Dichloropropane	7.427	63	54239	19.153	ug/l	97
46) Dibromomethane	7.580	93	39967	19.619	ug/l	91
47) Bromodichloromethane	7.824	83	72109	19.220	ug/l	97
48) Methyl methacrylate	7.696	41	55052	18.474	ug/l #	86
49) 1,4-Dioxane	7.659	88	27784	355.639	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	369553	93.439	ug/l	96
52) Toluene	8.720	92	135140	19.229	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	77364	19.721	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84771	19.525	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	57910	19.544	ug/l	95
56) Ethyl methacrylate	9.116	69	84740	19.157	ug/l	90
57) 1,3-Dichloropropane	9.311	76	93384	19.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	194971	94.391	ug/l	99
59) 2-Hexanone	9.427	43	281739	91.492	ug/l	92
60) Dibromochloromethane	9.518	129	57834	19.593	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60976	19.436	ug/l	99
64) Tetrachloroethene	9.275	164	47873	19.157	ug/l	98
65) Chlorobenzene	10.079	112	151259	19.138	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53968	19.268	ug/l	99
67) Ethyl Benzene	10.195	91	267727	19.538	ug/l	98
68) m/p-Xylenes	10.299	106	207287	39.147	ug/l	97
69) o-Xylene	10.640	106	102400	19.285	ug/l	97
70) Styrene	10.658	104	169687	19.906	ug/l	96
71) Bromoform	10.799	173	41435	18.726	ug/l #	100
73) Isopropylbenzene	10.963	105	273843	18.293	ug/l	99
74) N-amyl acetate	10.841	43	106089	17.499	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	93891	17.834	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82598m	17.502	ug/l	
77) Bromobenzene	11.195	156	68326	18.441	ug/l	88
78) n-propylbenzene	11.305	91	318016	18.811	ug/l	99
79) 2-Chlorotoluene	11.366	91	186681	17.909	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	232090	18.359	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24315	16.504	ug/l	93
82) 4-Chlorotoluene	11.451	91	221730	18.894	ug/l	96
83) tert-Butylbenzene	11.713	119	230716	18.057	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	234511	18.645	ug/l	98
85) sec-Butylbenzene	11.890	105	298571	19.262	ug/l	99
86) p-Isopropyltoluene	12.012	119	249088	19.288	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	131800	19.083	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	136939	19.376	ug/l	98
89) n-Butylbenzene	12.329	91	233136	20.607	ug/l	97
90) Hexachloroethane	12.536	117	39435	18.022	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	130572	18.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18861	17.972	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	88761	21.369	ug/l	97
94) Hexachlorobutadiene	13.725	225	39851	20.544	ug/l	97
95) Naphthalene	13.774	128	274197	19.518	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85371	19.972	ug/l	97

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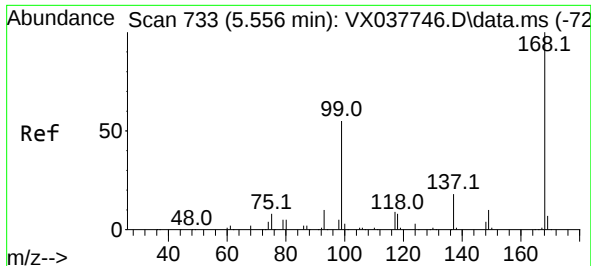
Manual Integrations
APPROVED

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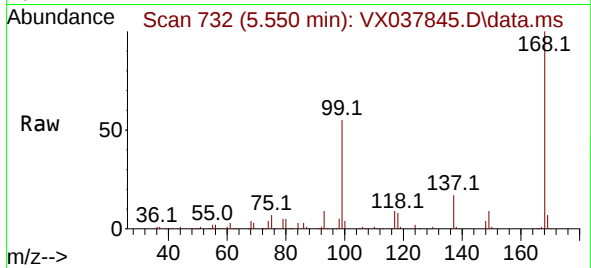
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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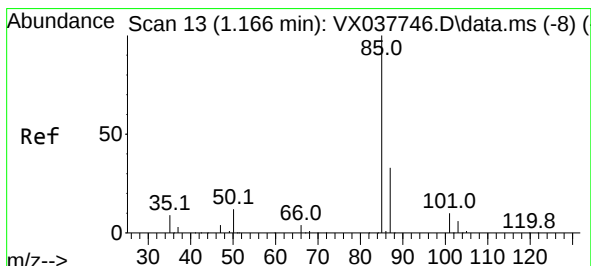
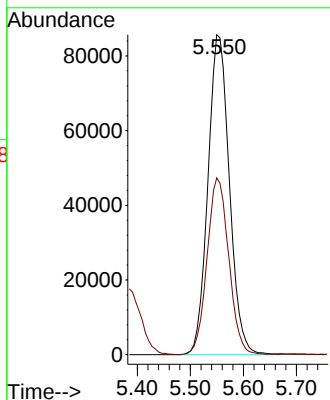
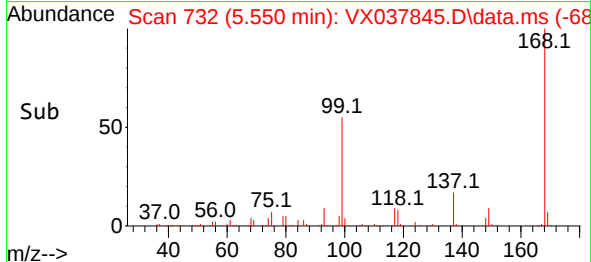
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 240662
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0

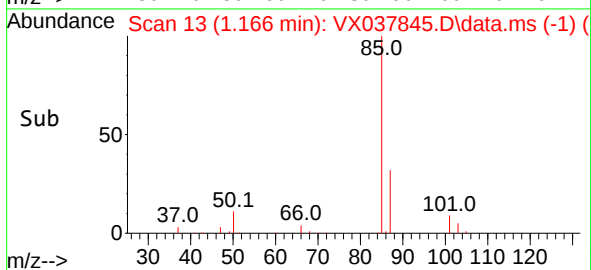
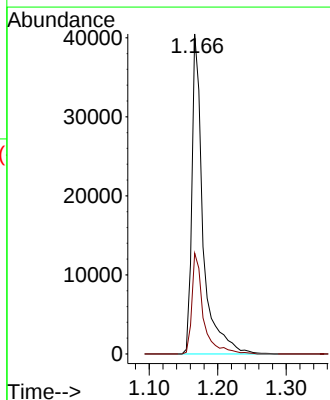
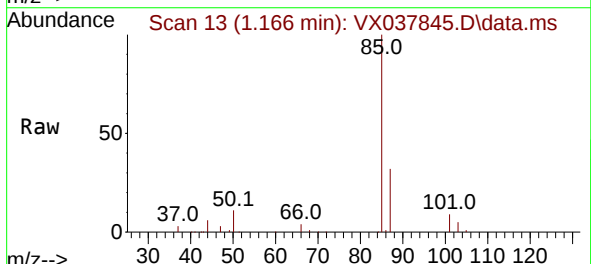
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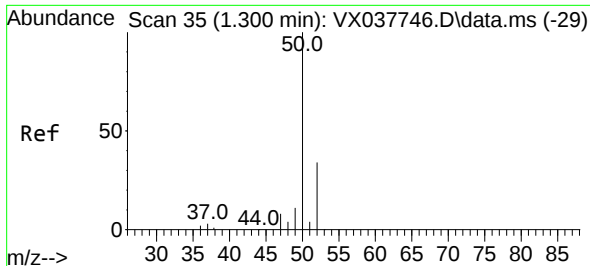
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#2
Dichlorodifluoromethane
Concen: 18.103 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

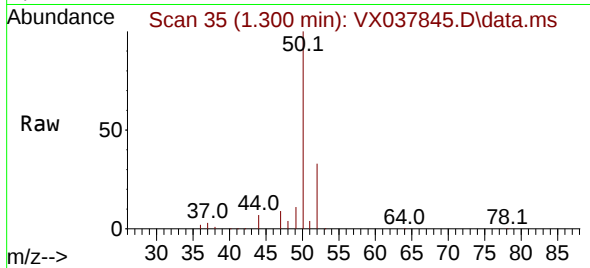
Tgt Ion: 85 Resp: 45922
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3
Chloromethane
Concen: 16.983 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

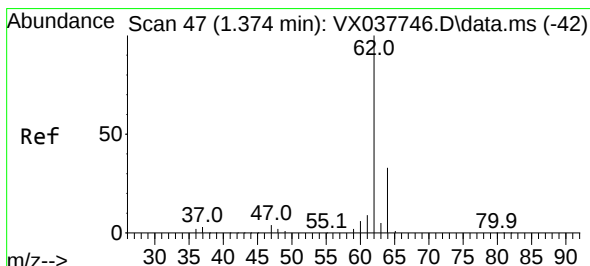
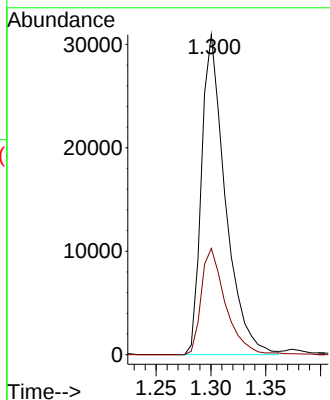
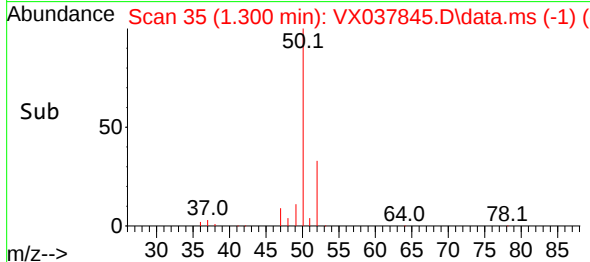
Instrument :
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Tgt Ion: 50 Resp: 4687
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

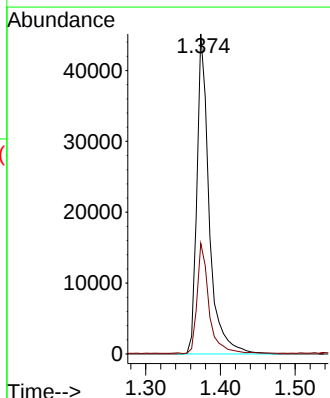
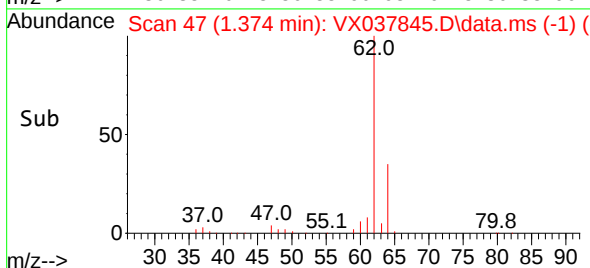
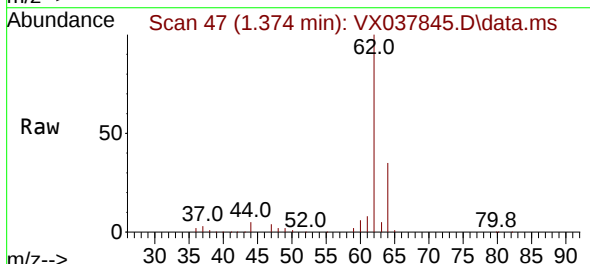
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#4
Vinyl Chloride
Concen: 17.257 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 62 Resp: 51383
Ion Ratio Lower Upper
62 100
64 34.4 25.4 38.0





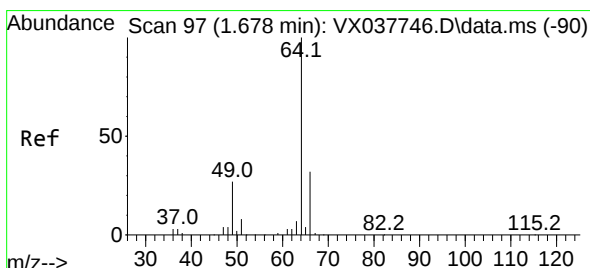
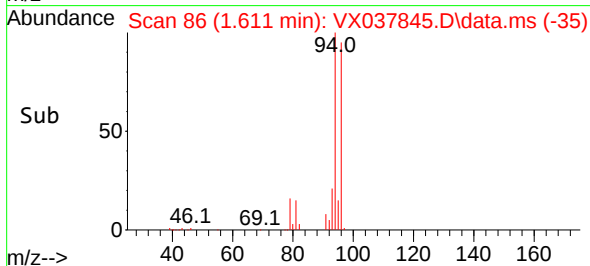
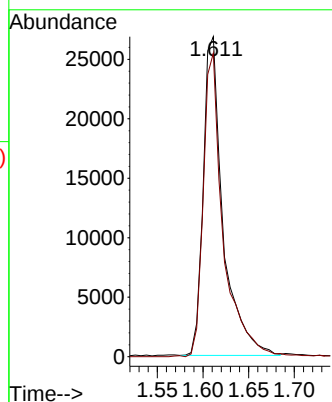
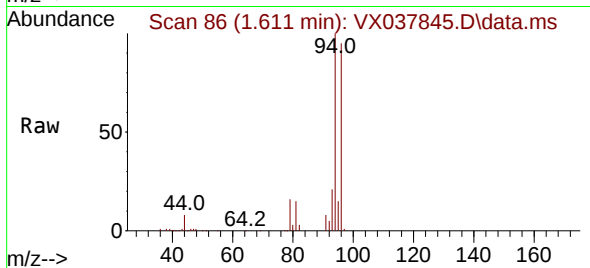
#5
Bromomethane
Concen: 18.987 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4047
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

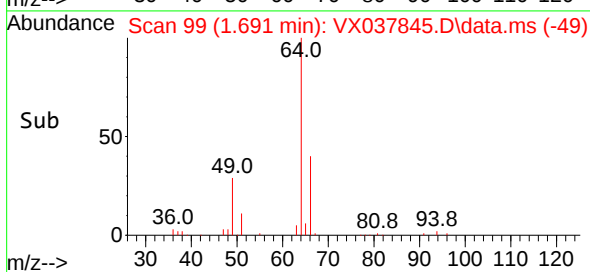
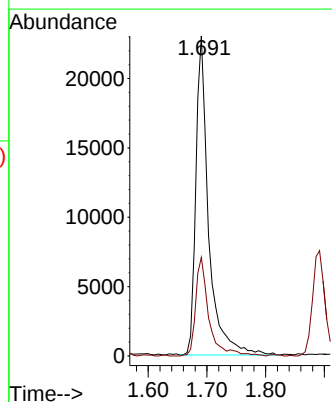
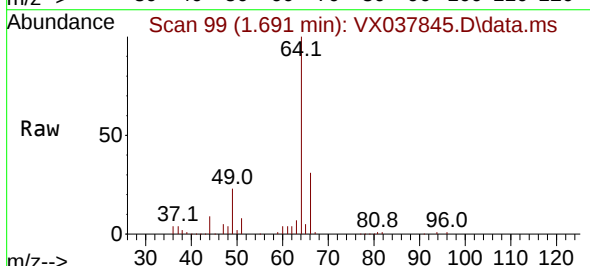
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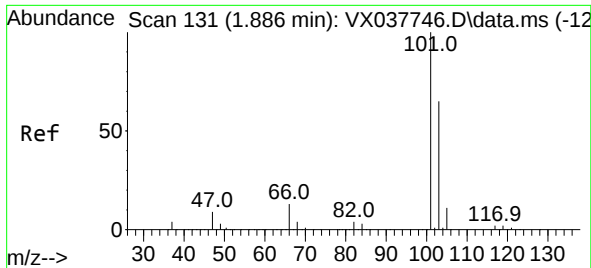
Reviewed By :John Carlone 09/22/2023
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#6
Chloroethane
Concen: 16.906 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 64 Resp: 34679
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





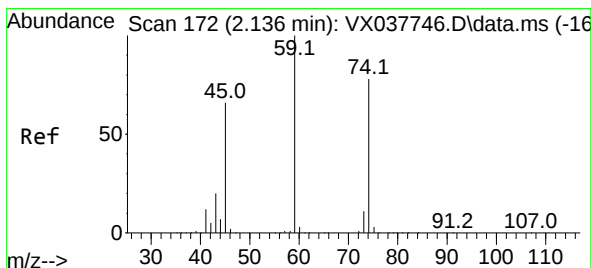
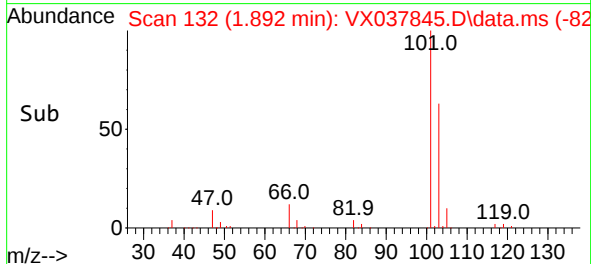
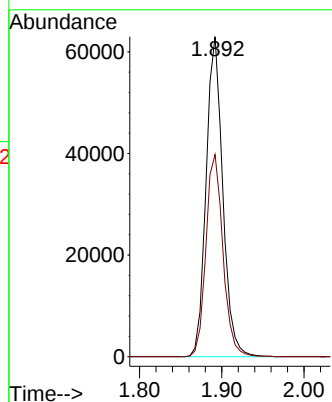
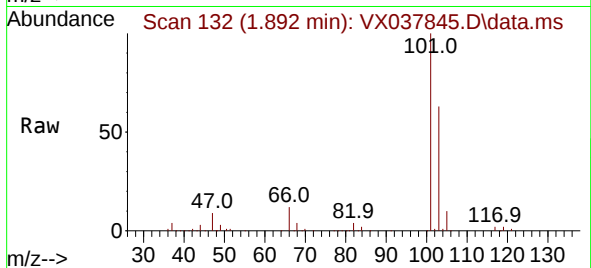
#7
Trichlorofluoromethane
Concen: 18.488 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion:101 Resp: 8850
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

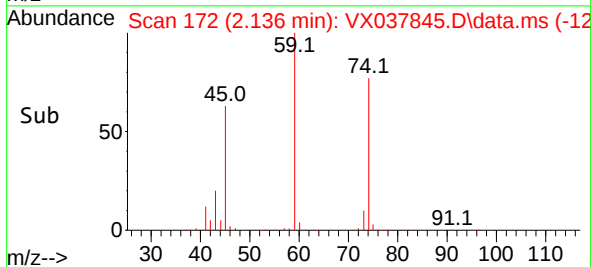
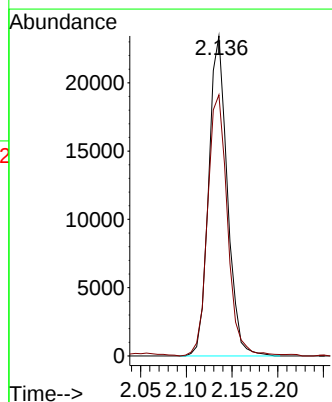
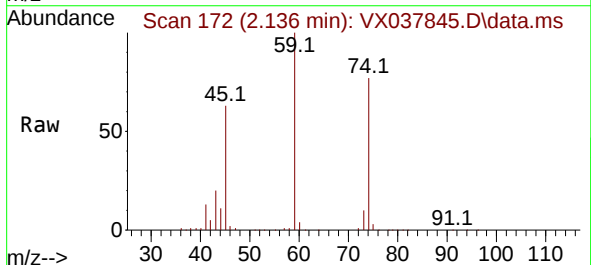
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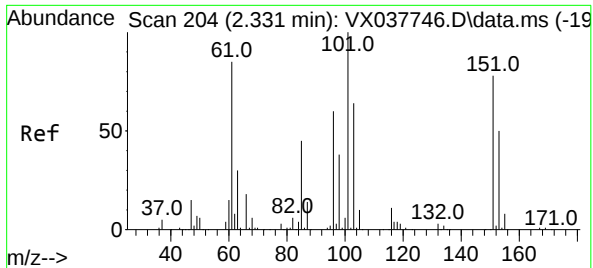
Reviewed By :John Carlone 09/22/2023
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#8
Diethyl Ether
Concen: 17.901 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 74 Resp: 33199
Ion Ratio Lower Upper
74 100
45 87.3 53.3 159.8





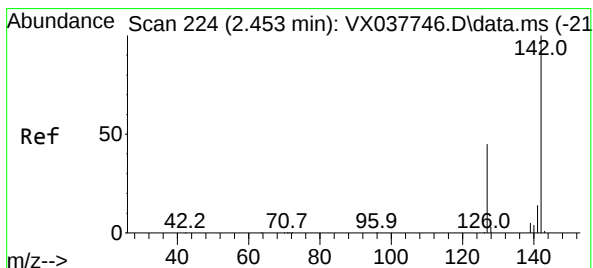
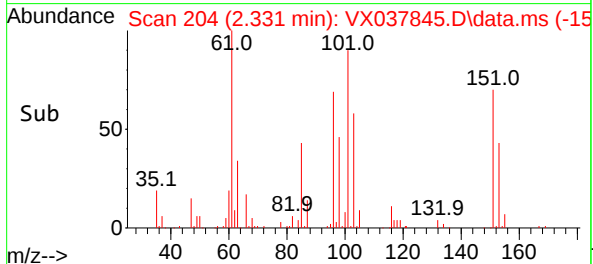
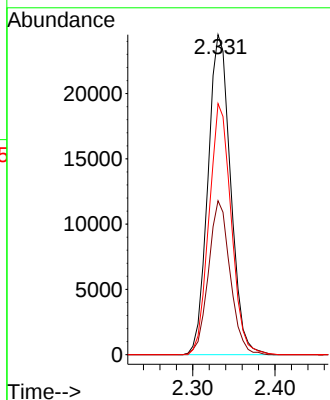
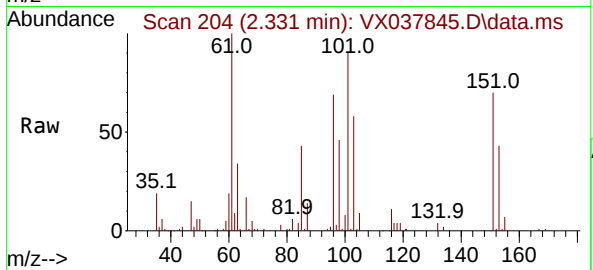
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.305 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

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MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion:101 Resp: 46898
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 76.7 58.6 87.8

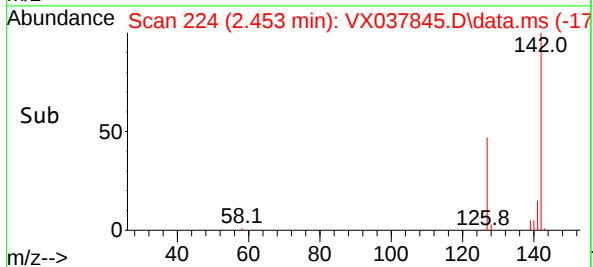
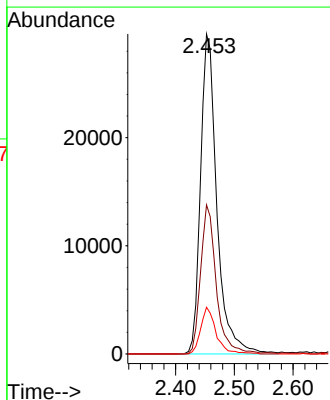
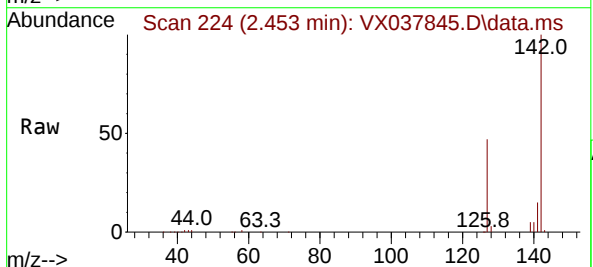
Manual Integrations
APPROVED

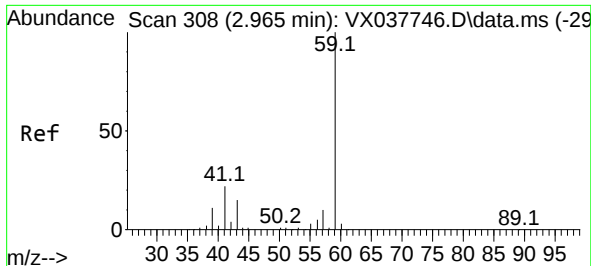
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#10
Methyl Iodide
Concen: 17.769 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion:142 Resp: 57125
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 80.712 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 59 Resp: 54779

Ion Ratio Lower Upper

59 100

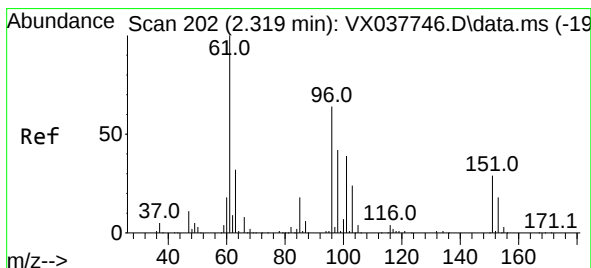
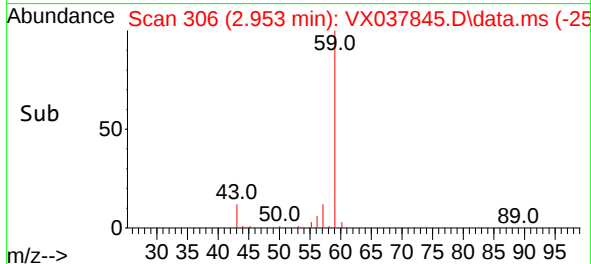
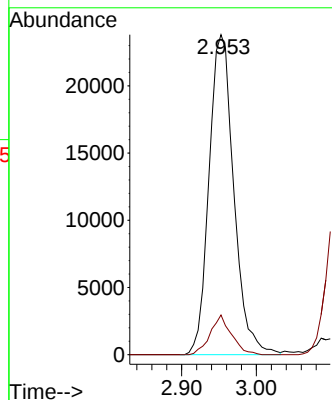
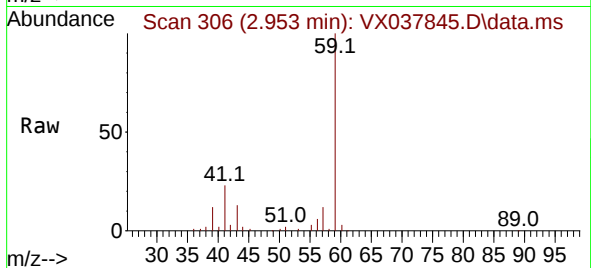
57 10.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#12

1,1-Dichloroethene

Concen: 18.411 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

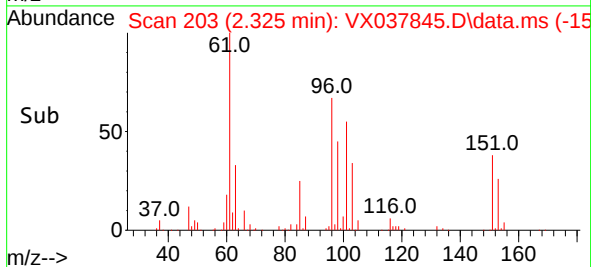
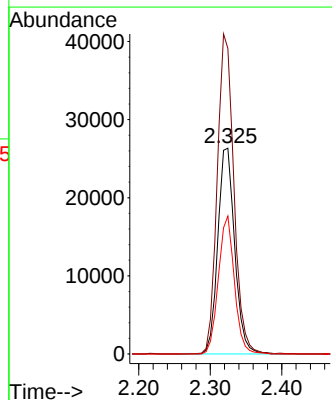
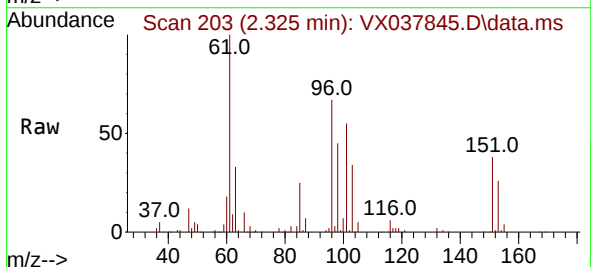
Tgt Ion: 96 Resp: 43226

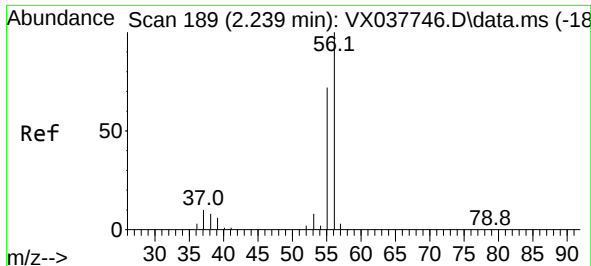
Ion Ratio Lower Upper

96 100

61 148.4 144.6 216.8

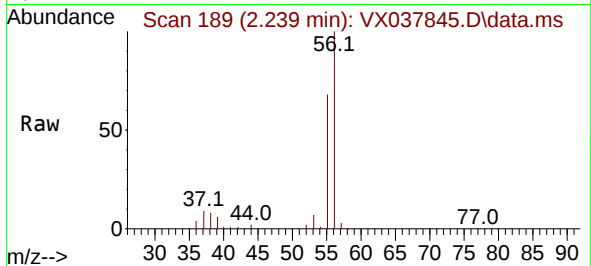
98 67.1 50.4 75.6





#13
Acrolein
Concen: 102.969 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

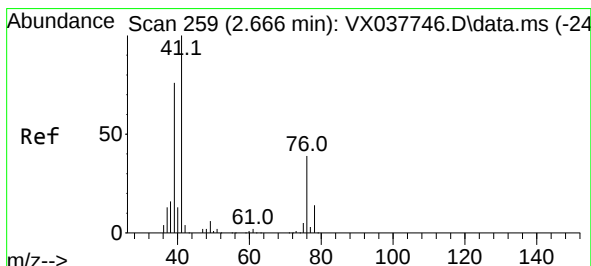
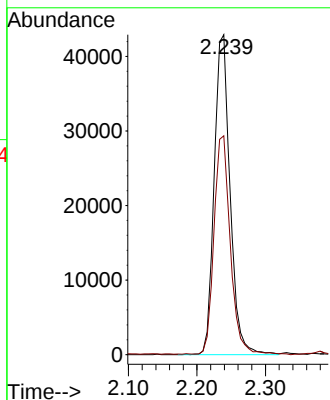
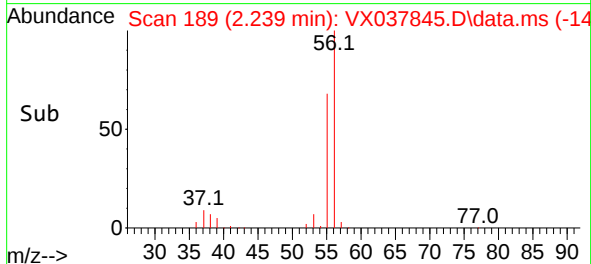
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



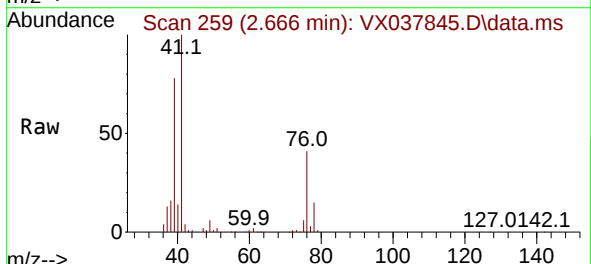
Tgt Ion: 56 Resp: 69040
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

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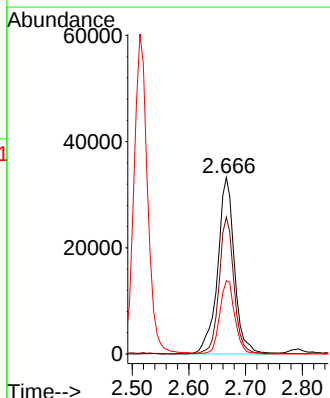
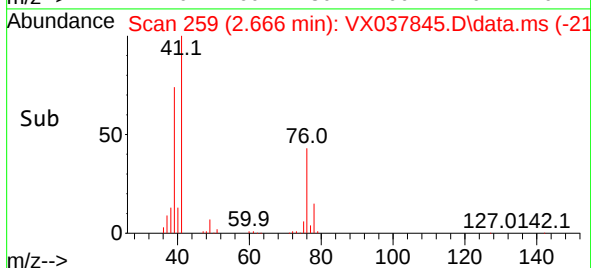
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

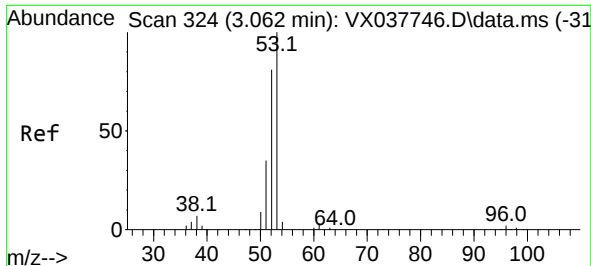


#14
Allyl chloride
Concen: 17.601 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



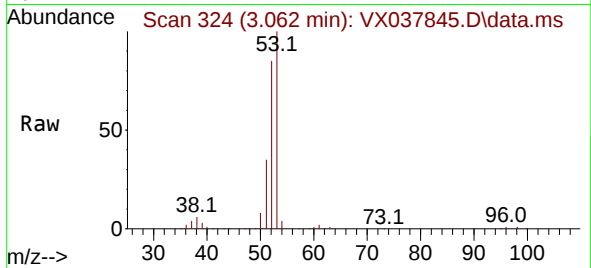
Tgt Ion: 41 Resp: 68829
Ion Ratio Lower Upper
41 100
39 68.3 55.8 83.6
76 36.9 24.3 36.5





#15
Acrylonitrile
Concen: 89.990 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

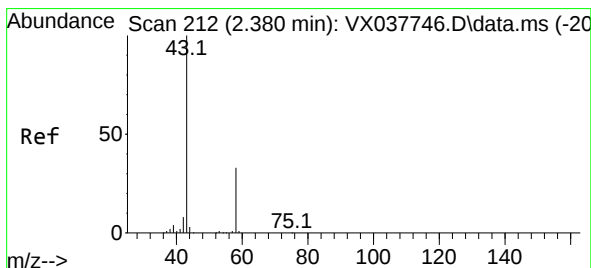
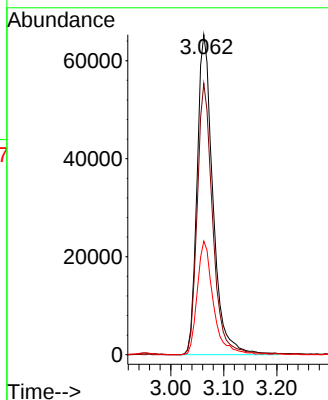
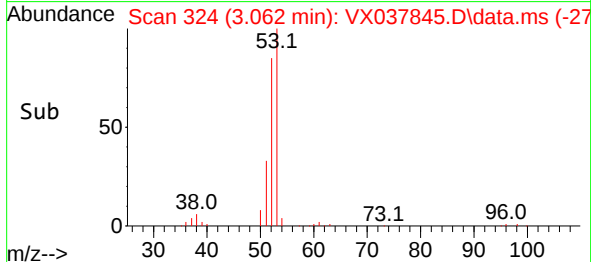
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion: 53 Resp: 135795
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.0 29.8 44.6

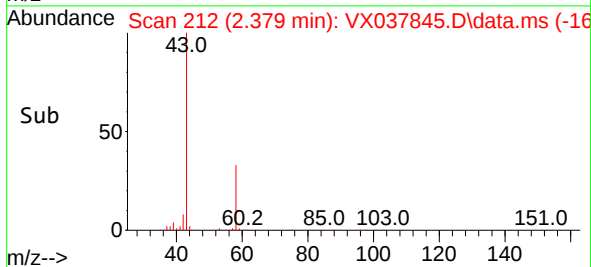
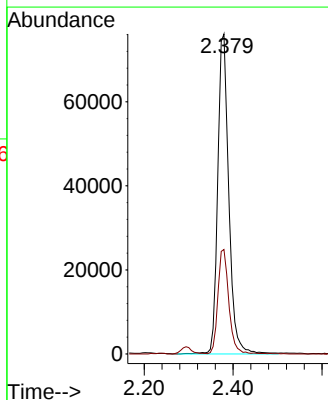
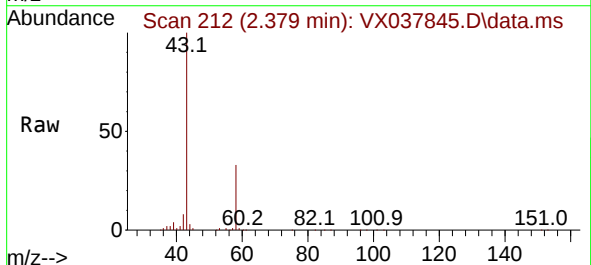
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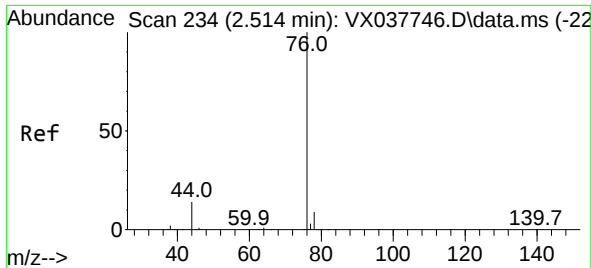
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#16
Acetone
Concen: 86.066 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 43 Resp: 130913
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17

Carbon Disulfide

Concen: 16.947 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 76 Resp: 9976

Ion Ratio Lower Upper

76 100

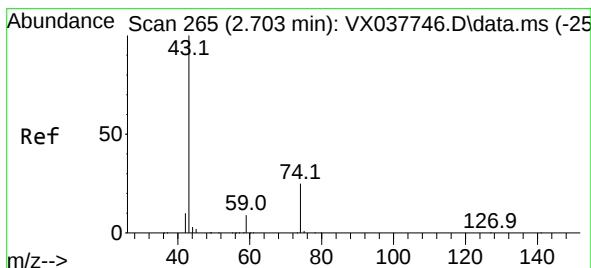
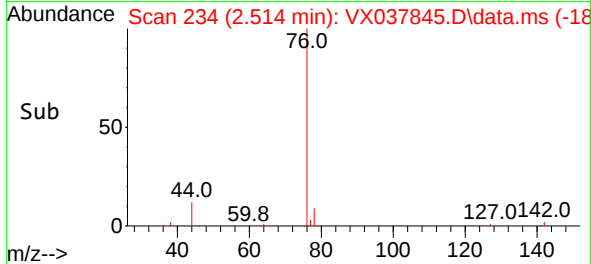
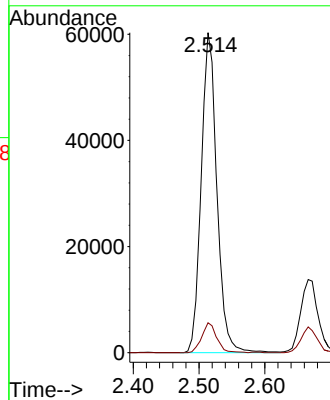
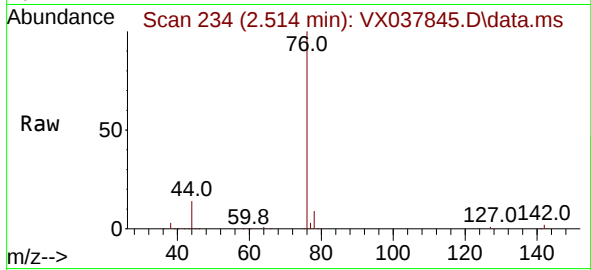
78 9.3 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#18

Methyl Acetate

Concen: 17.918 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037845.D

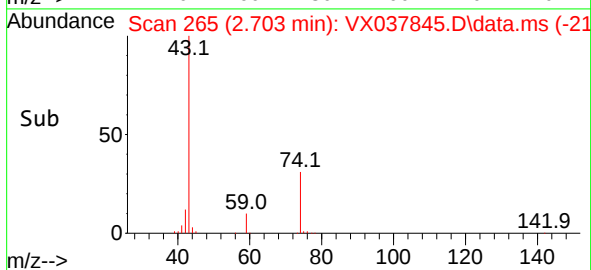
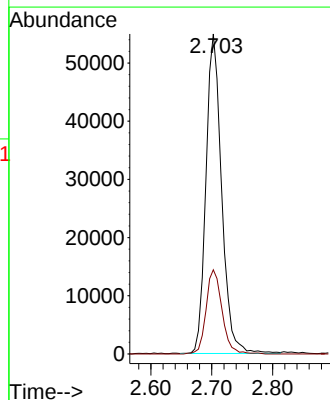
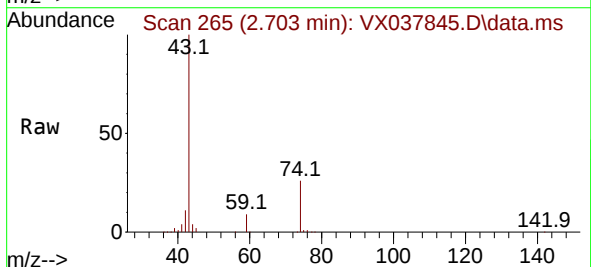
Acq: 21 Sep 2023 11:21

Tgt Ion: 43 Resp: 98321

Ion Ratio Lower Upper

43 100

74 26.8 17.8 26.8





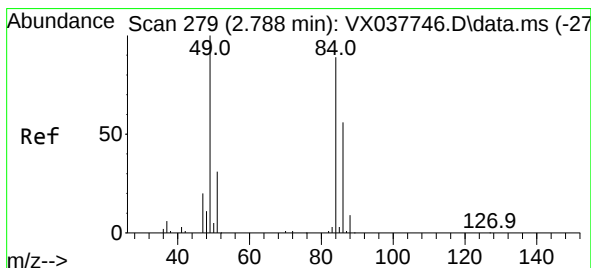
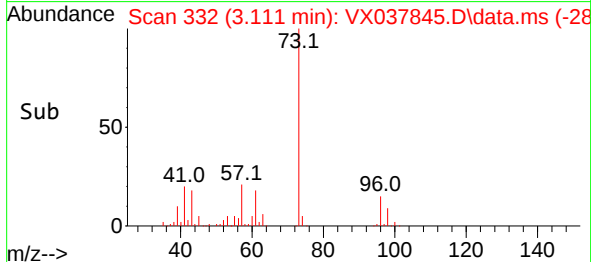
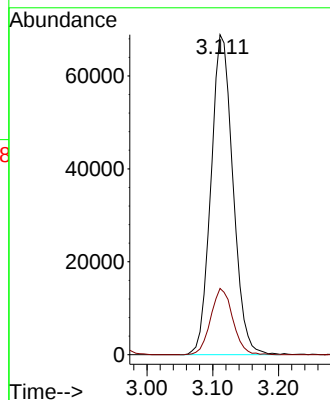
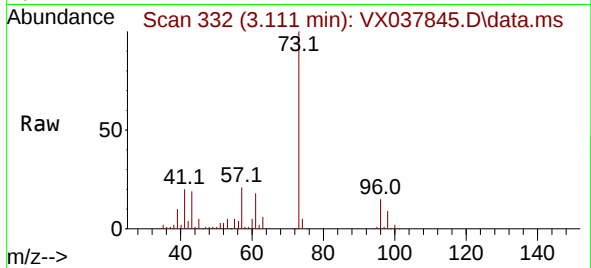
#19
Methyl tert-butyl Ether
Concen: 18.564 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 73 Resp: 160335
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

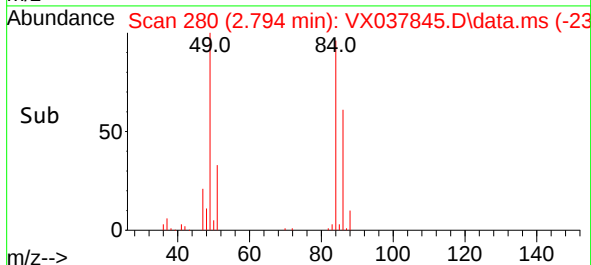
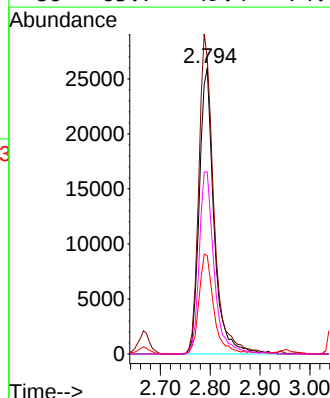
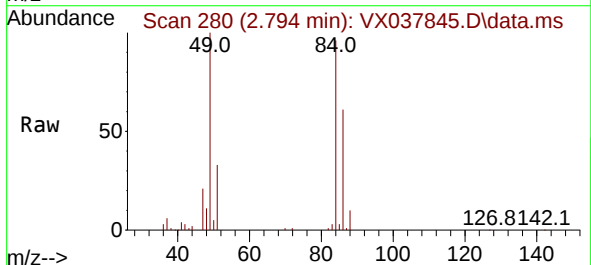
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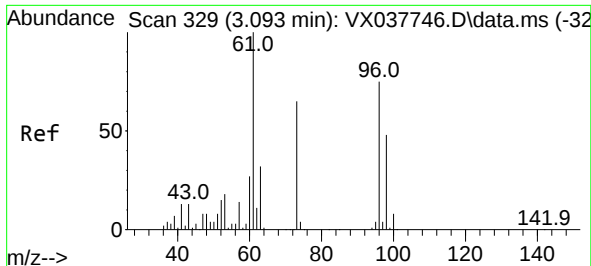
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#20
Methylene Chloride
Concen: 18.917 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 84 Resp: 53242
Ion Ratio Lower Upper
84 100
49 103.8 103.6 155.4
51 34.4 33.8 50.6
86 63.7 49.4 74.0





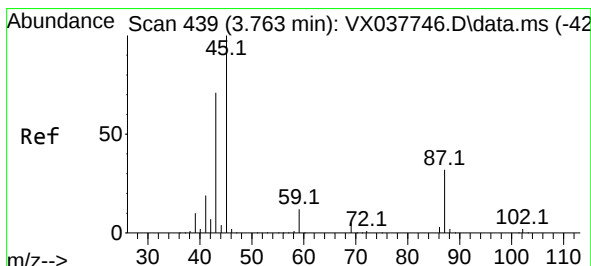
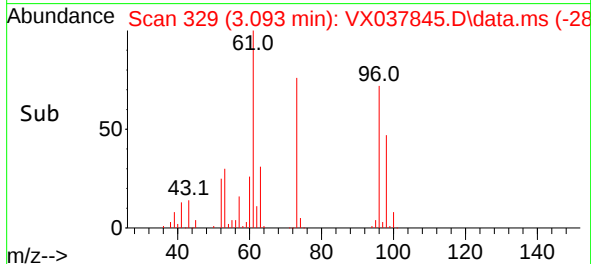
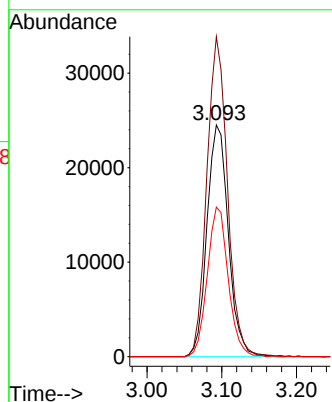
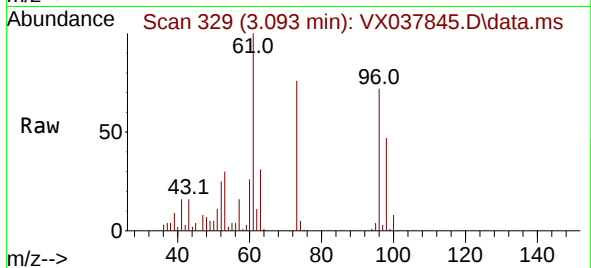
#21
trans-1,2-Dichloroethene
Concen: 18.681 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 96 Resp: 48704
Ion Ratio Lower Upper
96 100
61 138.1 119.2 178.8
98 64.5 48.7 73.1

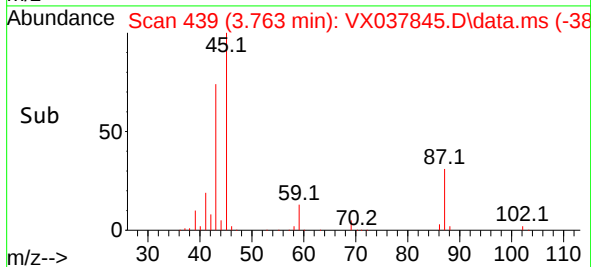
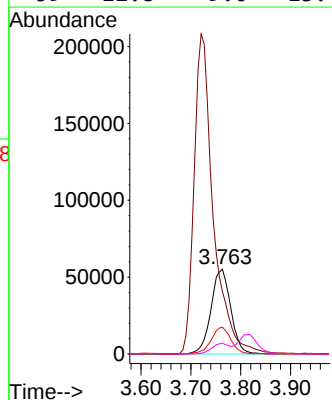
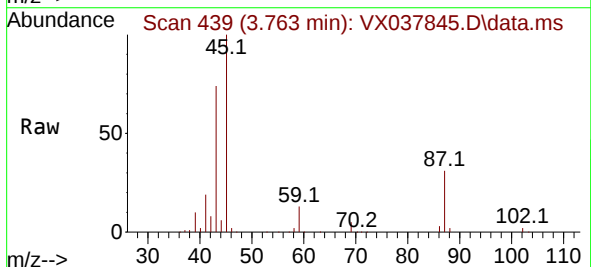
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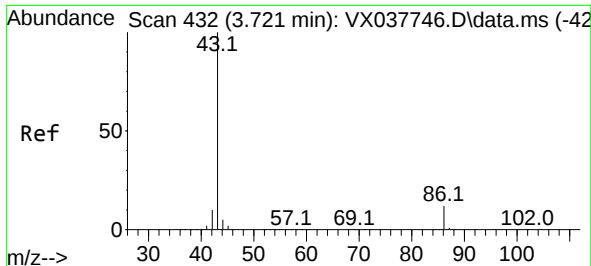
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#22
Diisopropyl ether
Concen: 18.586 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 45 Resp: 151393
Ion Ratio Lower Upper
45 100
43 72.9 69.7 104.5
87 31.5 20.8 31.2#
59 12.8 9.0 13.4





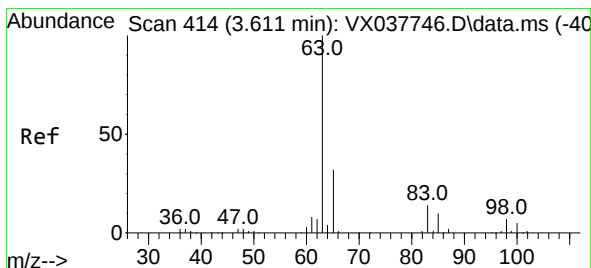
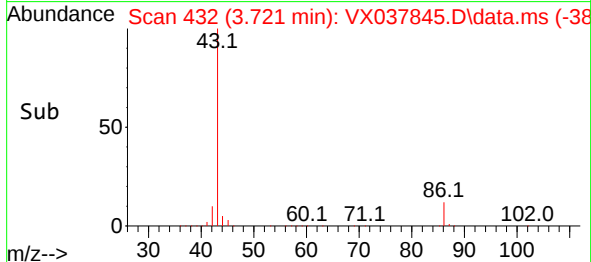
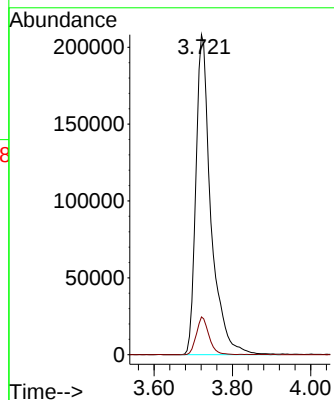
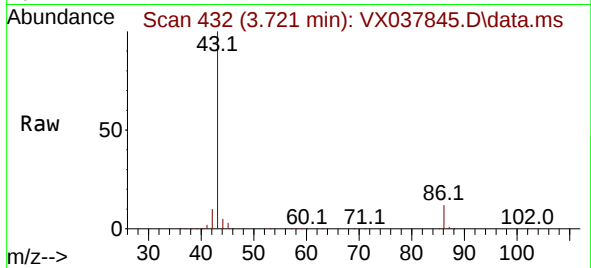
#23
 Vinyl Acetate
 Concen: 93.026 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01

Tgt Ion: 43 Resp: 557340
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

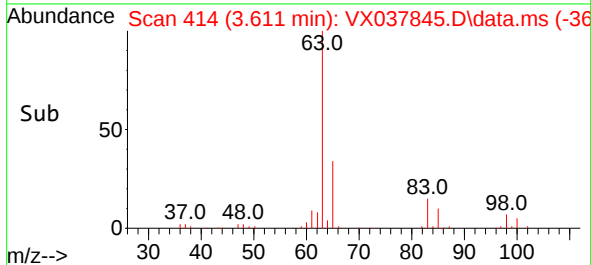
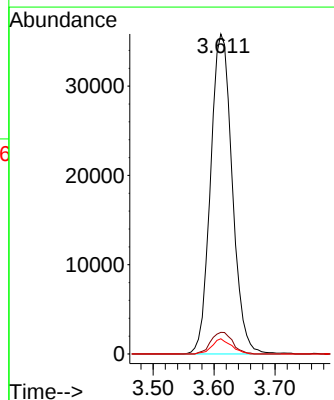
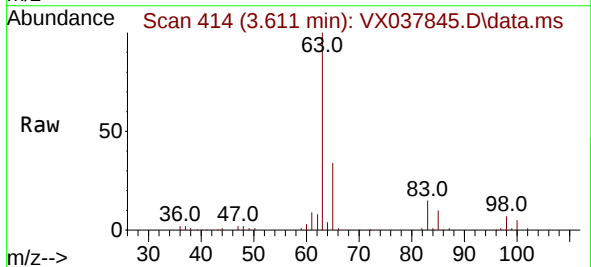
Manual Integrations
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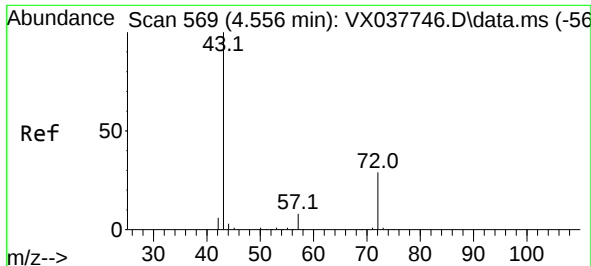
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023



#24
 1,1-Dichloroethane
 Concen: 18.170 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21

Tgt Ion: 63 Resp: 88690
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 85.942 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.019 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 43 Resp: 184474

Ion Ratio Lower Upper

43 100

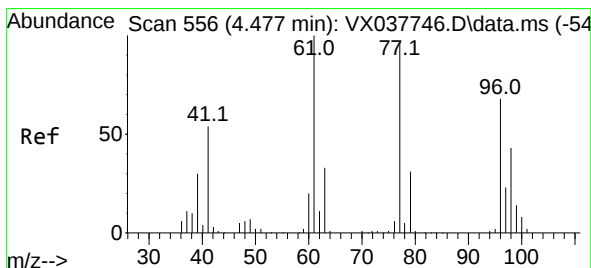
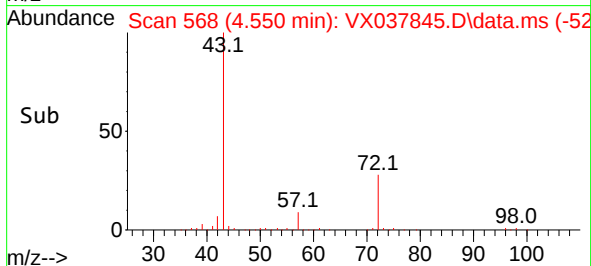
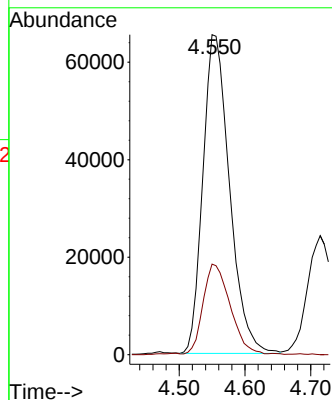
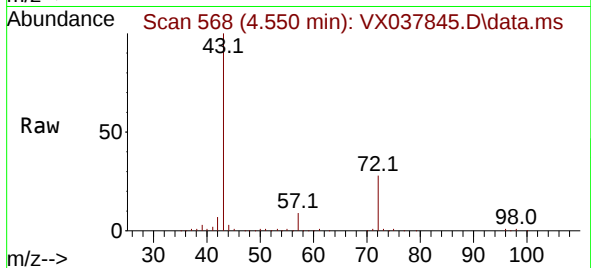
72 28.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#26

2,2-Dichloropropane

Concen: 17.901 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037845.D

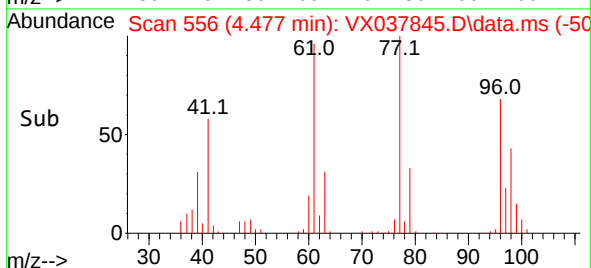
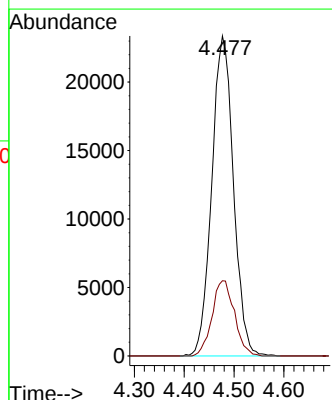
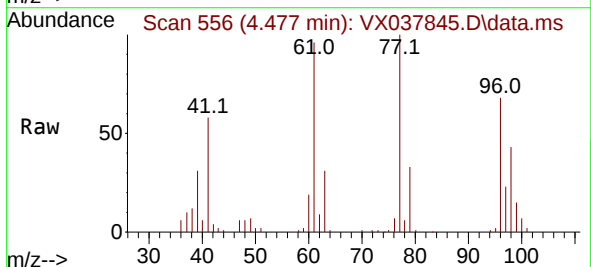
Acq: 21 Sep 2023 11:21

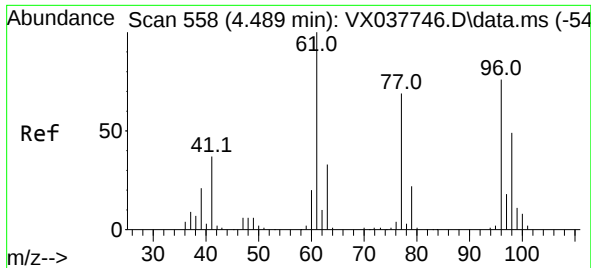
Tgt Ion: 77 Resp: 70600

Ion Ratio Lower Upper

77 100

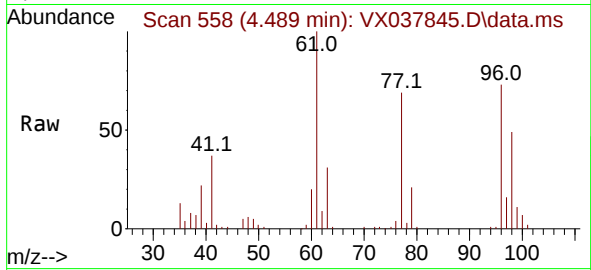
97 24.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.556 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

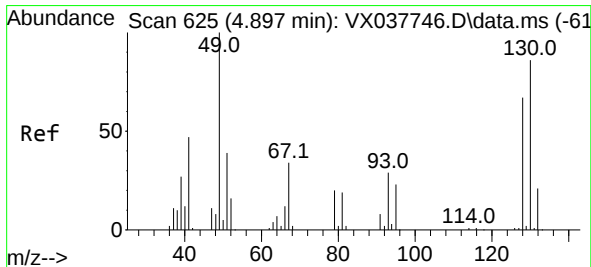
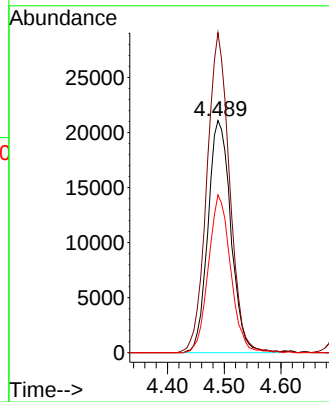
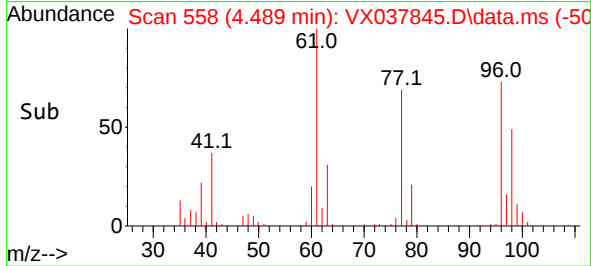
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



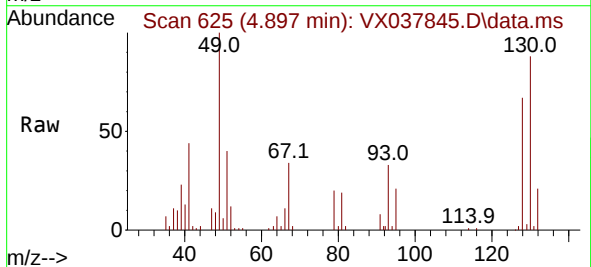
Tgt Ion: 96 Resp: 59310
Ion Ratio Lower Upper
96 100
61 136.2 0.0 312.2
98 65.8 0.0 129.0

Manual Integrations
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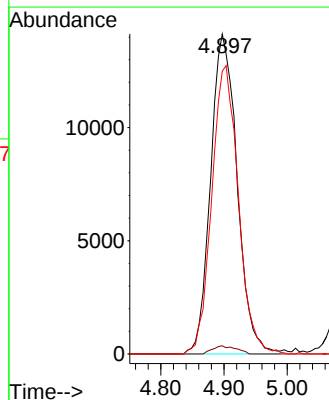
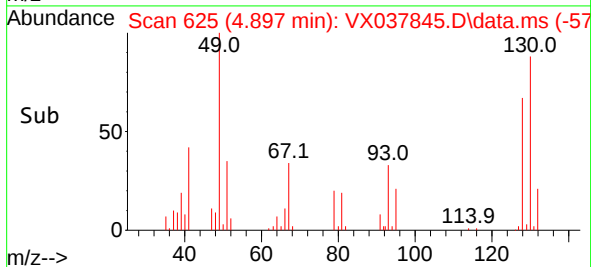
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

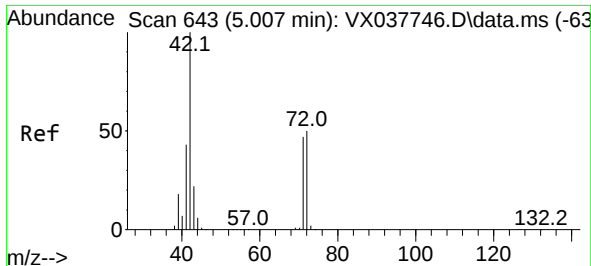


#28
Bromochloromethane
Concen: 18.063 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



Tgt Ion: 49 Resp: 41130
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 90.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 86.592 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 42 Resp: 115614

Ion Ratio Lower Upper

42 100

72 50.5 34.2 51.4

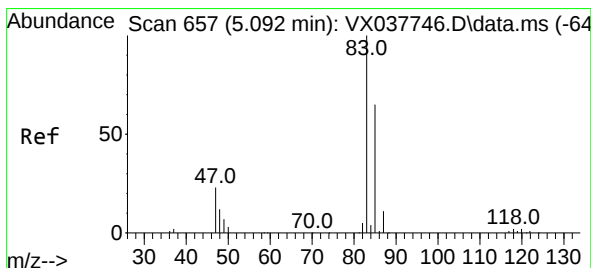
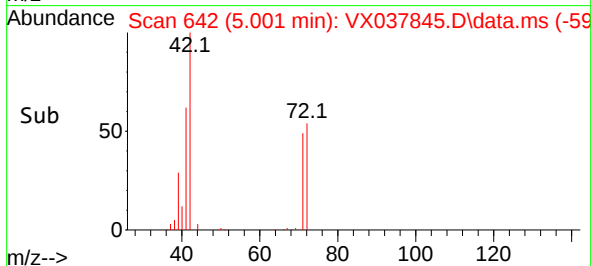
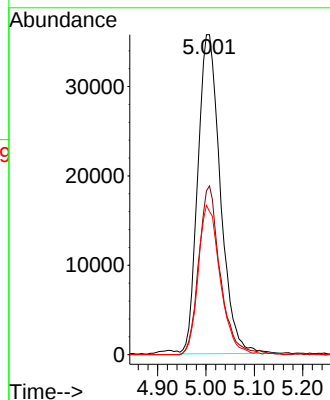
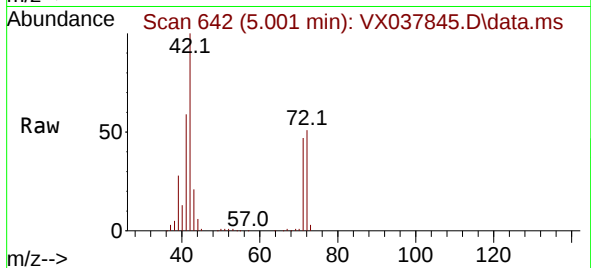
71 45.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 18.825 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037845.D

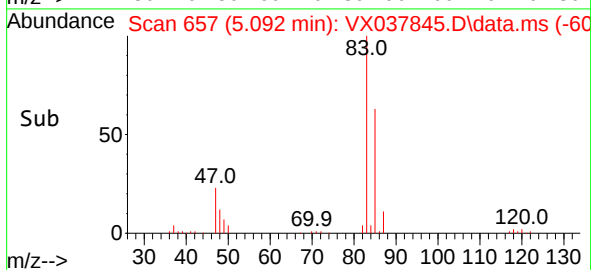
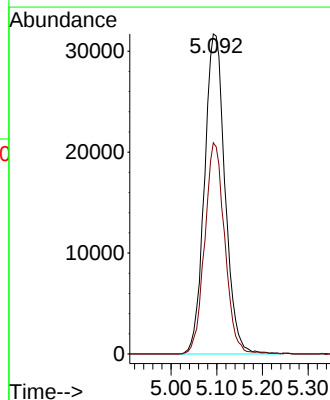
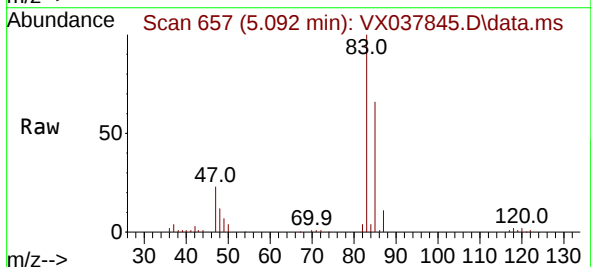
Acq: 21 Sep 2023 11:21

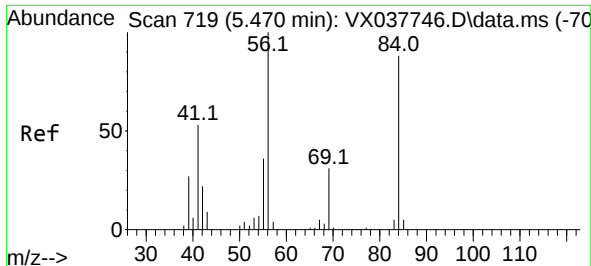
Tgt Ion: 83 Resp: 98982

Ion Ratio Lower Upper

83 100

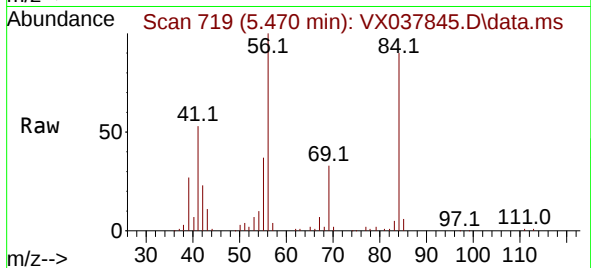
85 66.0 50.3 75.5





#31
Cyclohexane
Concen: 18.281 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

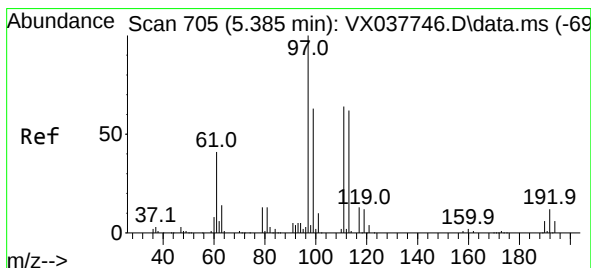
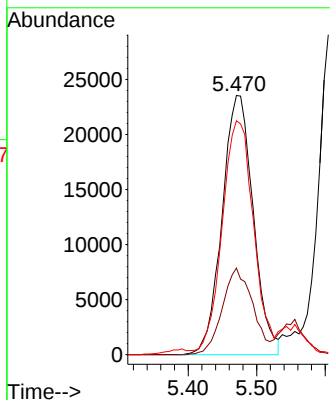
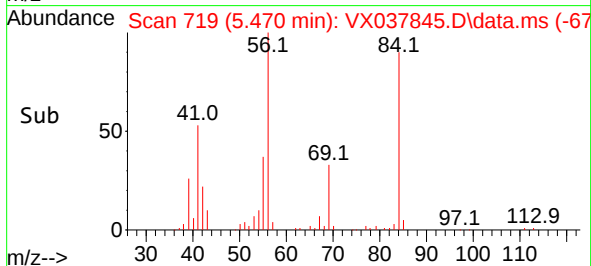
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion: 56 Resp: 7419
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 88.5 65.9 98.9

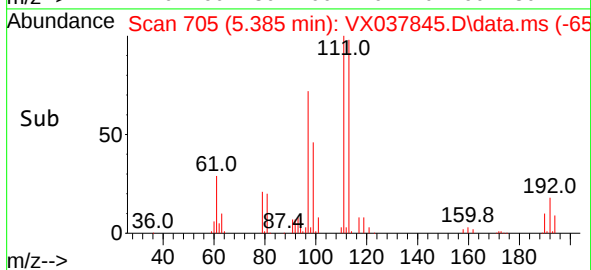
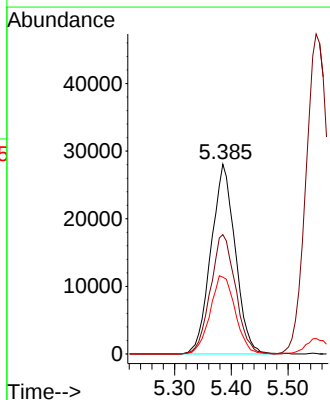
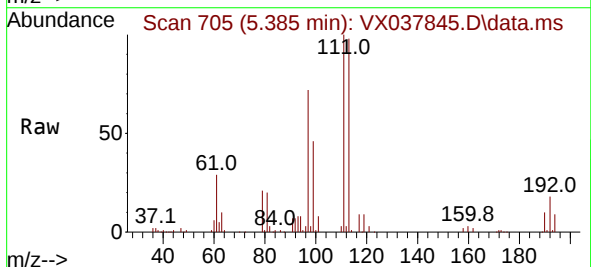
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#32
1,1,1-Trichloroethane
Concen: 18.684 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

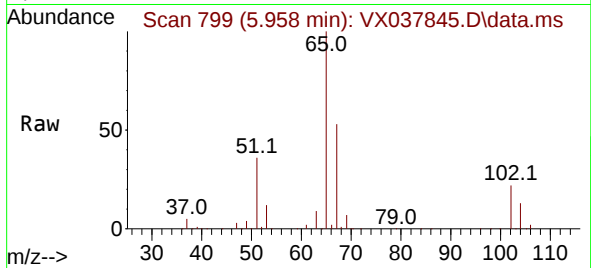
Tgt Ion: 97 Resp: 83184
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.6 36.4 54.6





#33
 1,2-Dichloroethane-d4
 Concen: 42.215 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21

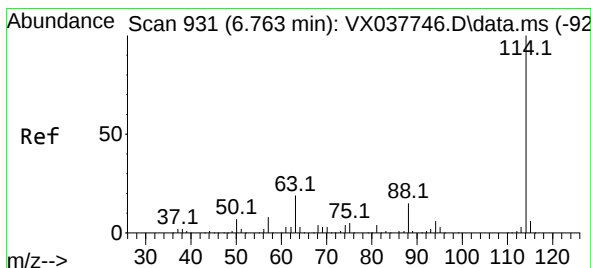
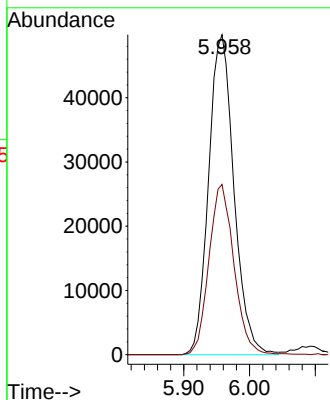
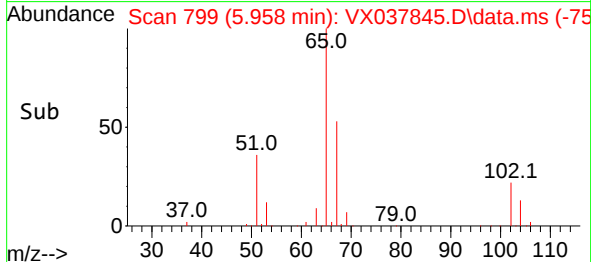
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01



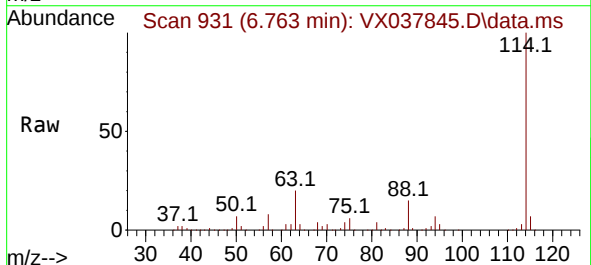
Tgt Ion: 65 Resp: 133480
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2

Manual Integrations
 APPROVED

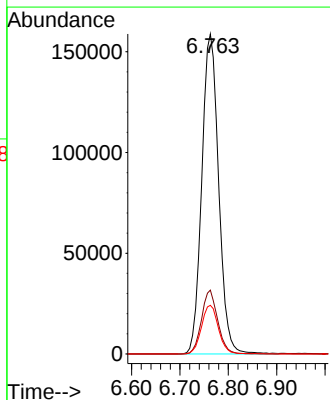
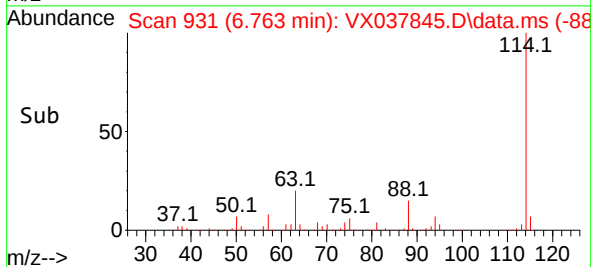
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

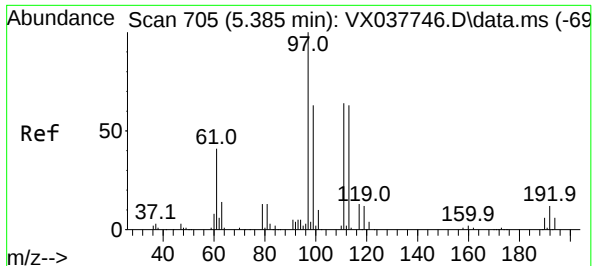


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21



Tgt Ion:114 Resp: 384729
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.0
 88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.221 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion:113 Resp: 11383

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

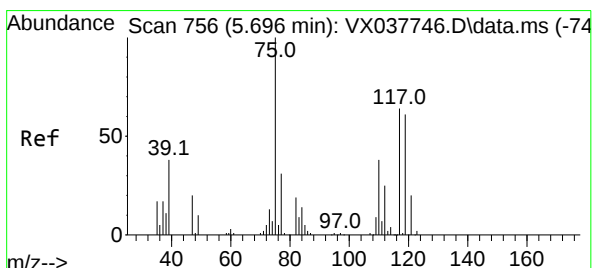
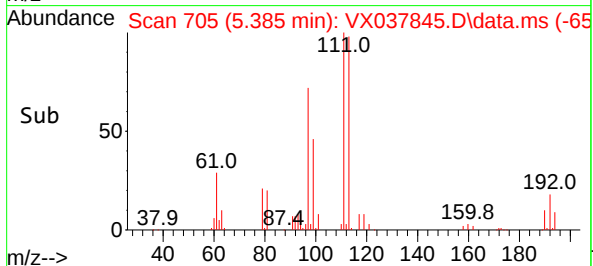
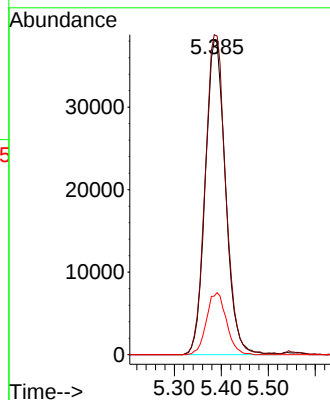
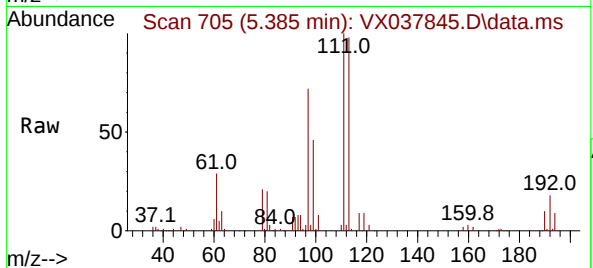
192 19.5 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#36

1,1-Dichloropropene

Concen: 19.492 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

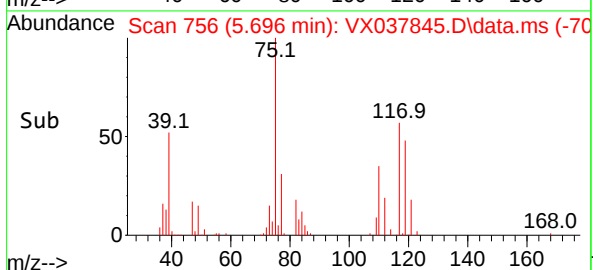
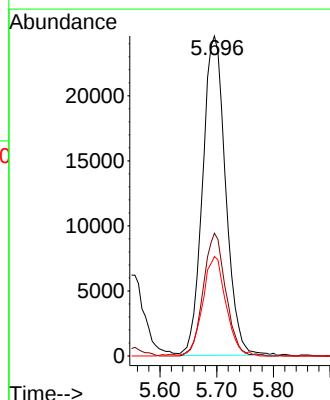
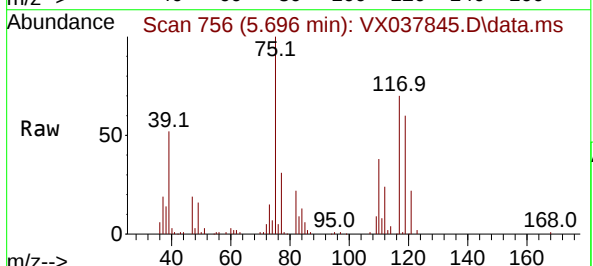
Tgt Ion: 75 Resp: 69120

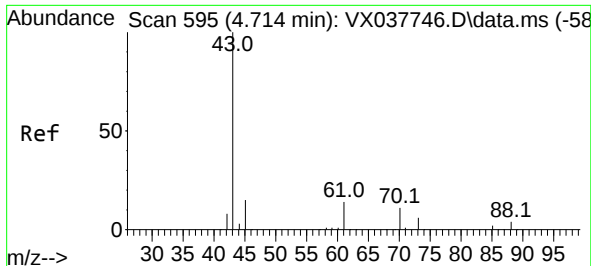
Ion Ratio Lower Upper

75 100

110 37.4 17.0 50.9

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 17.525 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.019 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 43 Resp: 68320

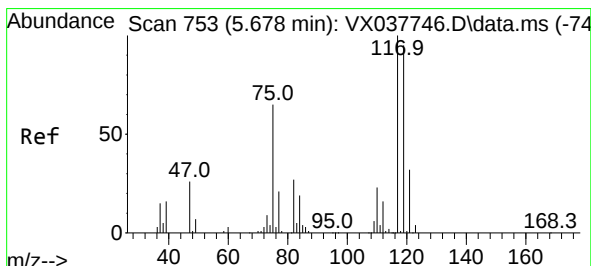
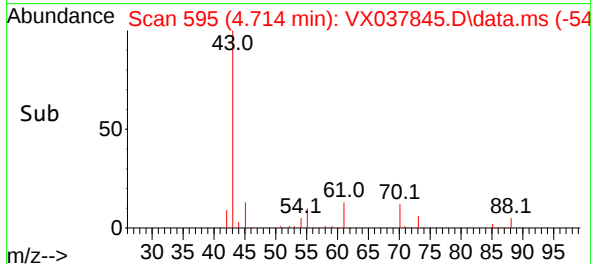
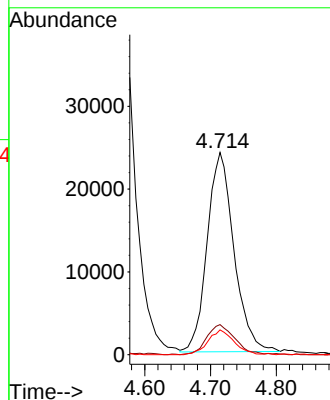
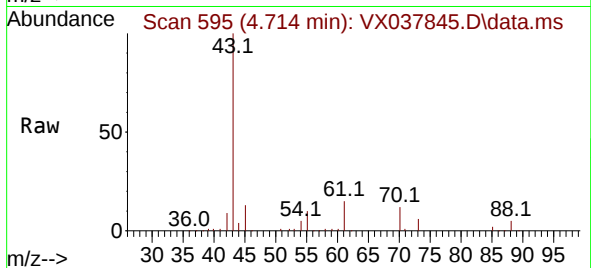
Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.6	16.0
70	12.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 19.354 ug/l

RT: 5.684 min Scan# 754

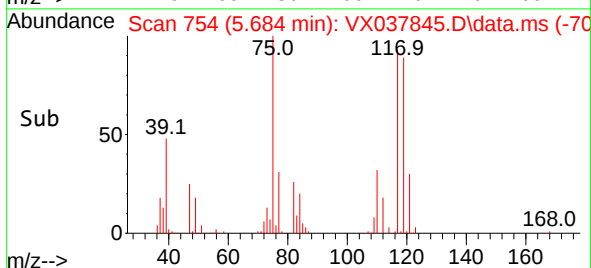
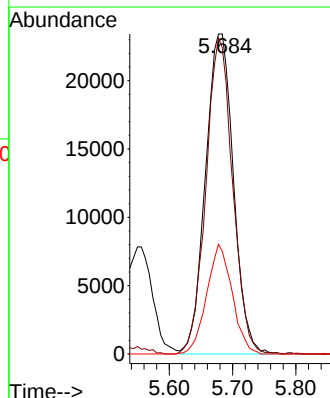
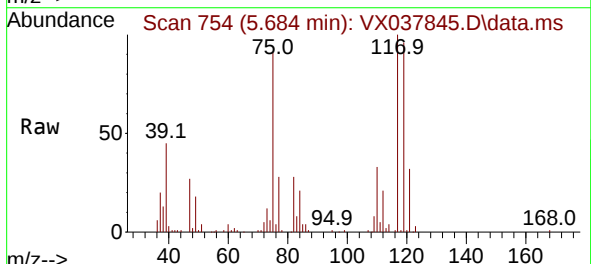
Delta R.T. 0.006 min

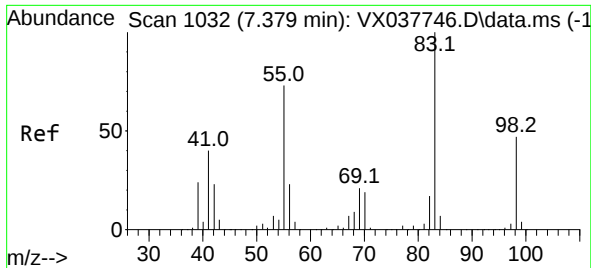
Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion:117 Resp: 71809

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.2
121	32.1	24.4	36.6





#39
Methylcyclohexane
Concen: 19.260 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

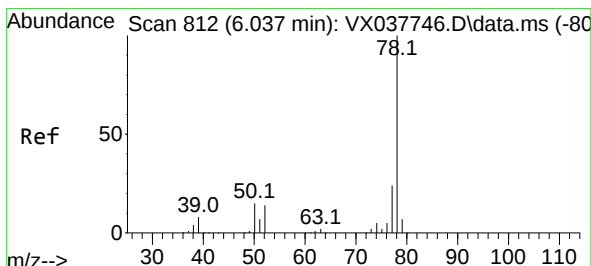
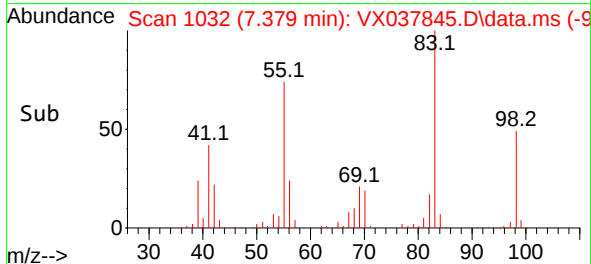
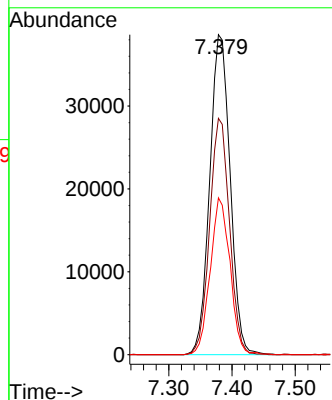
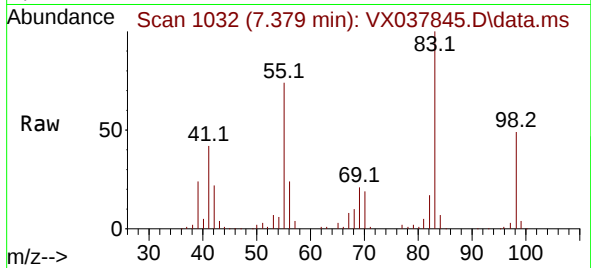
Tgt Ion: 83 Resp: 86685
Ion Ratio Lower Upper
83 100
55 73.8 64.6 97.0
98 49.0 36.7 55.1

Manual Integrations

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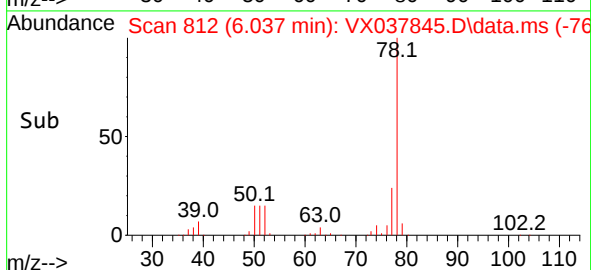
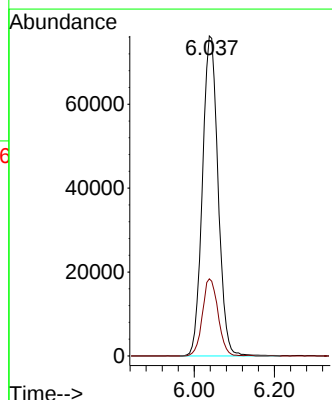
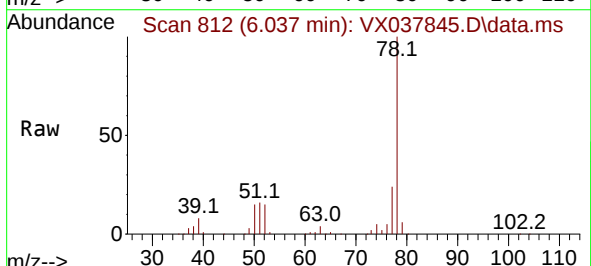
Reviewed By :John Carlone 09/22/2023

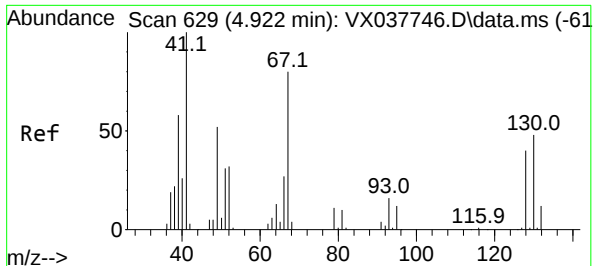
Supervised By :Mahesh Dadoda 09/22/2023



#40
Benzene
Concen: 18.893 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

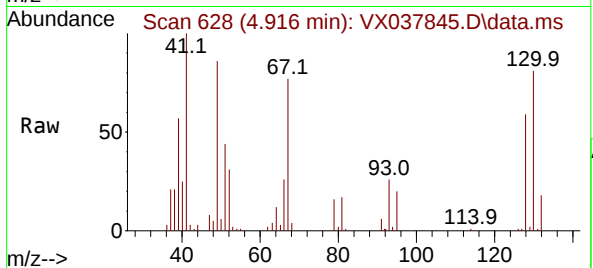
Tgt Ion: 78 Resp: 206027
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 18.763 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

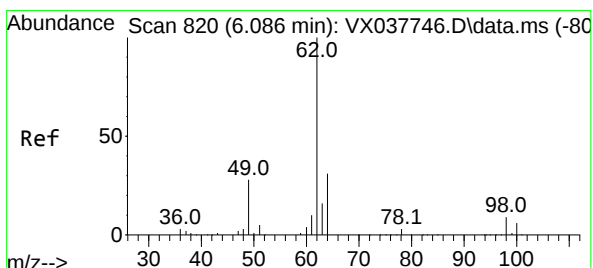
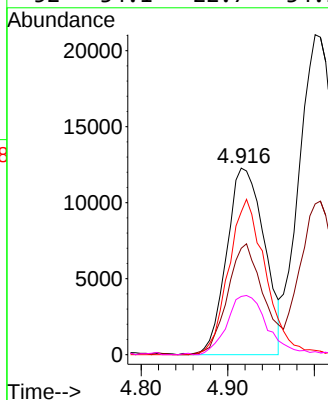
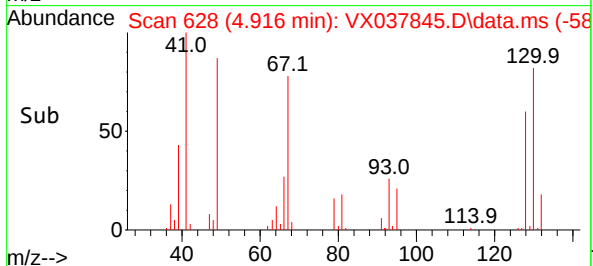
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion: 41 Resp: 3729
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 81.7 52.6 78.8
52 34.1 22.7 34.1#

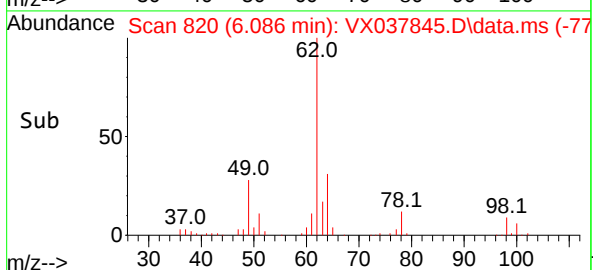
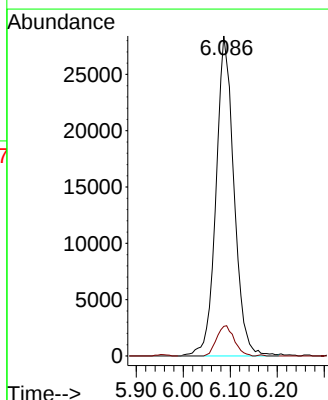
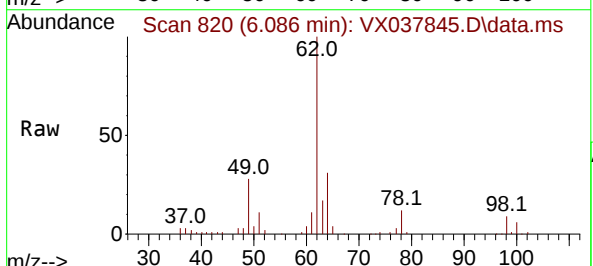
Manual Integrations
APPROVED

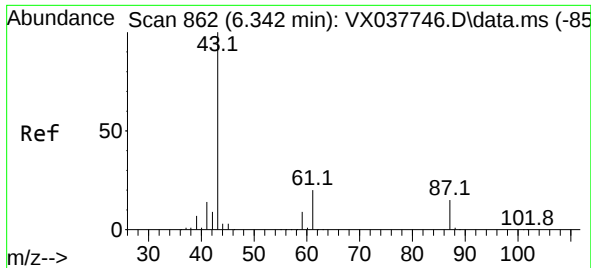
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#42
1,2-Dichloroethane
Concen: 19.228 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 62 Resp: 75785
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.650 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

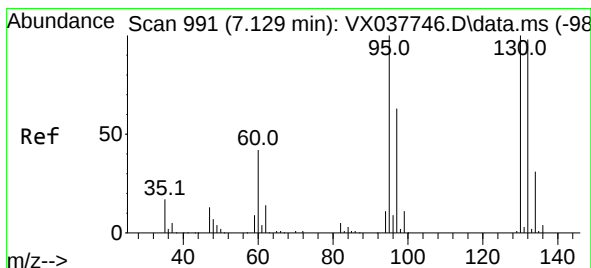
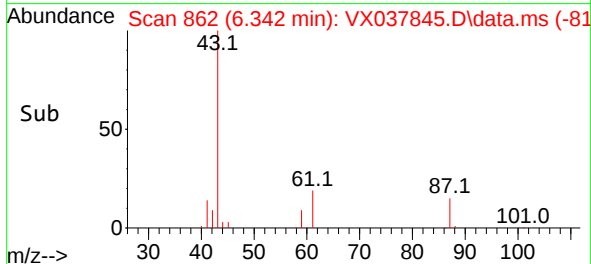
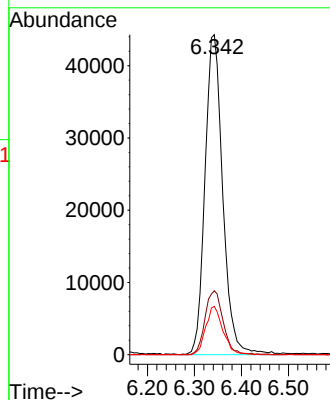
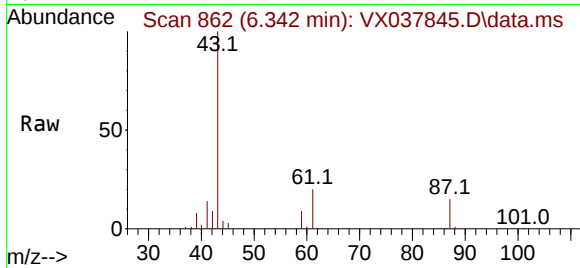
Tgt Ion:	43	Resp:	11626
Ion Ratio	Lower	Upper	
43	100		
61	20.3	15.2	22.8
87	14.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#44

Trichloroethene

Concen: 18.556 ug/l

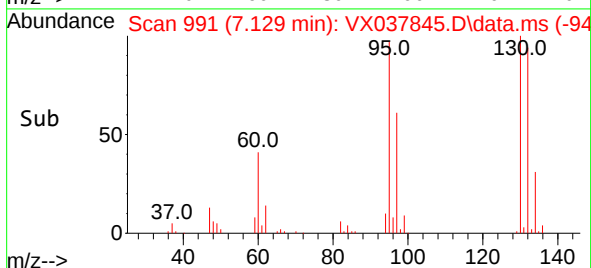
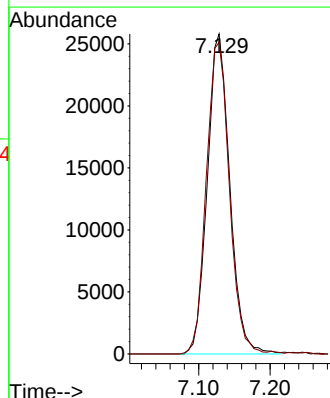
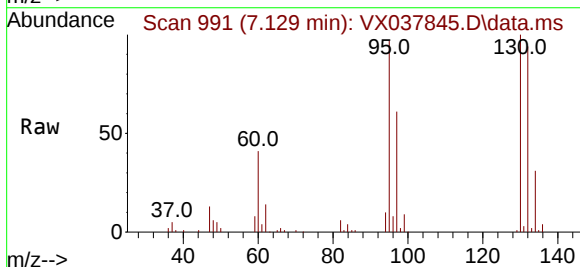
RT: 7.129 min Scan# 991

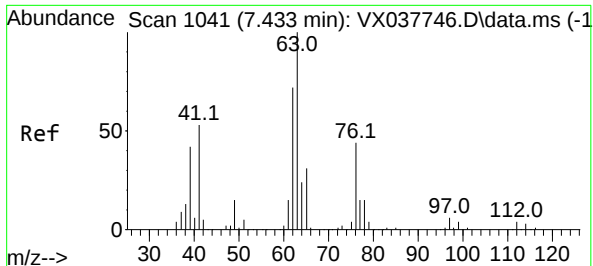
Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion:	130	Resp:	56352
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.153 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 63 Resp: 54239

Ion Ratio Lower Upper

63 100

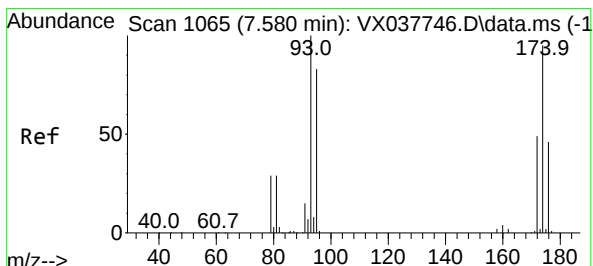
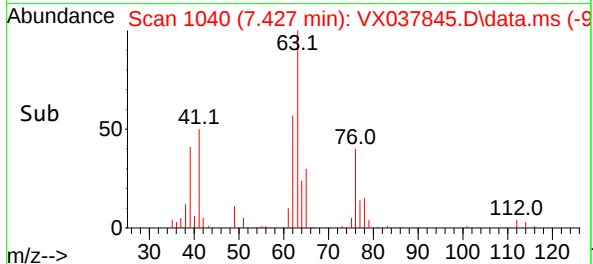
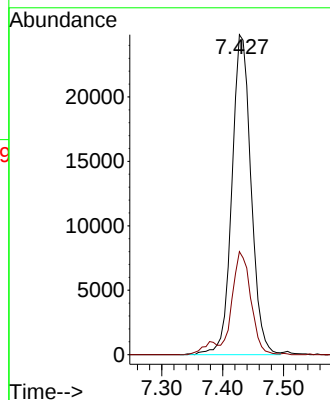
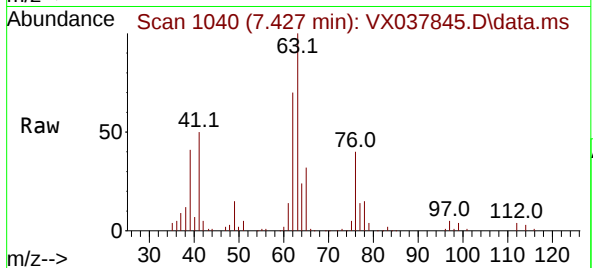
65 32.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#46

Dibromomethane

Concen: 19.619 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

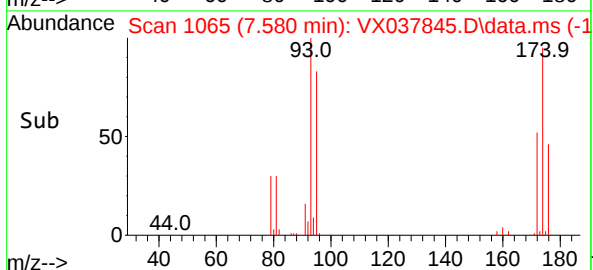
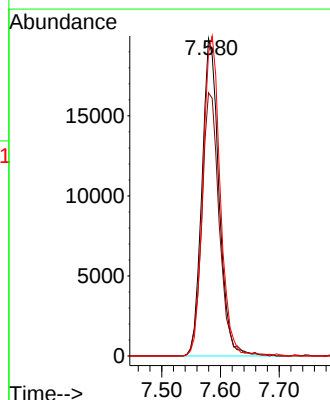
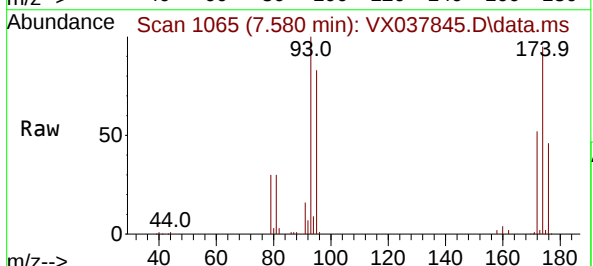
Tgt Ion: 93 Resp: 39967

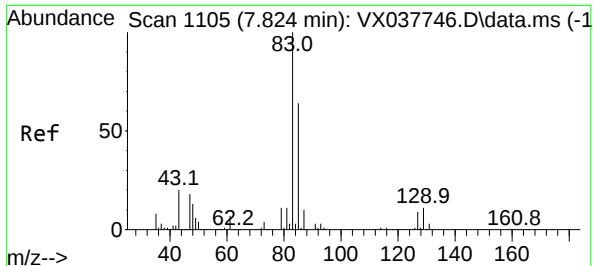
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 101.7 69.4 104.0





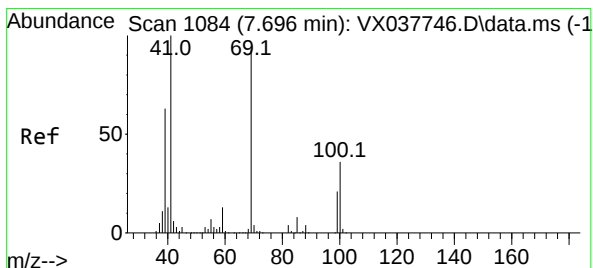
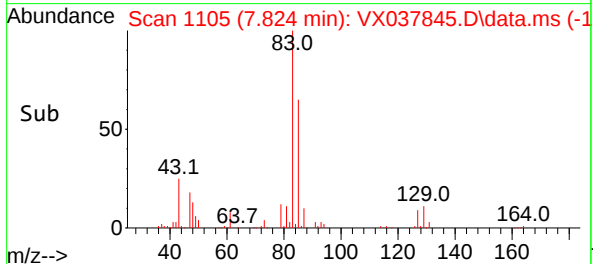
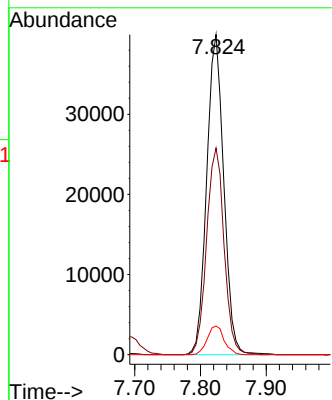
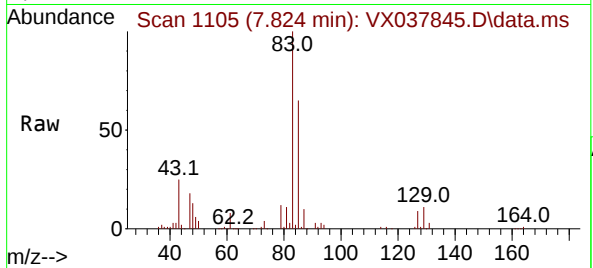
#47
Bromodichloromethane
Concen: 19.220 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 83 Resp: 72109
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 9.0 7.1 10.7

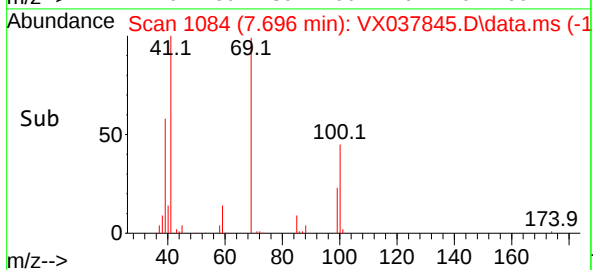
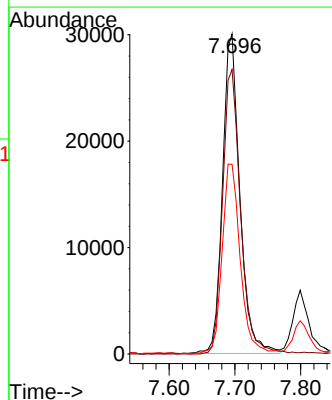
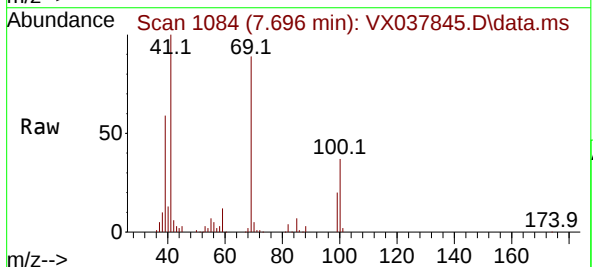
Manual Integrations
APPROVED

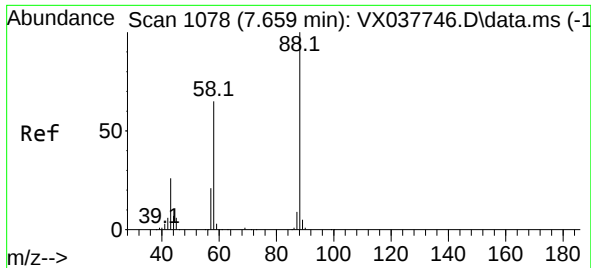
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#48
Methyl methacrylate
Concen: 18.474 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 41 Resp: 55052
Ion Ratio Lower Upper
41 100
69 92.6 59.2 88.8#
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 355.639 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 88 Resp: 27784

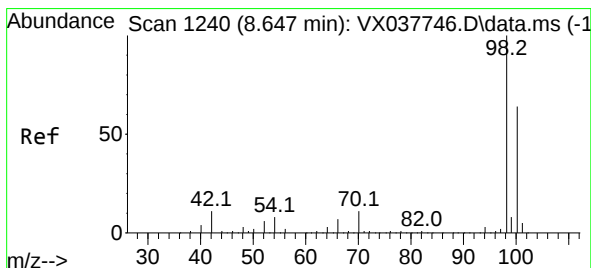
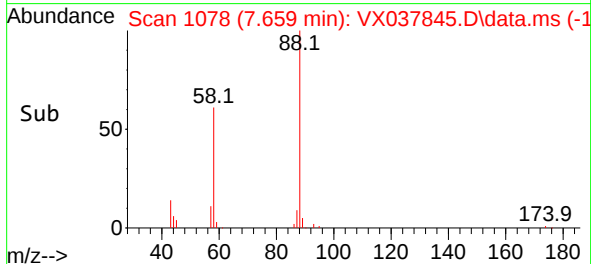
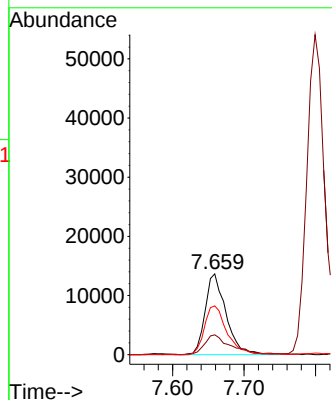
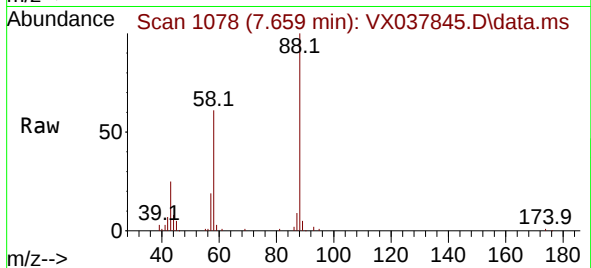
Ion	Ratio	Lower	Upper
88	100		
43	30.4	0.0	0.0
58	64.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#50

Toluene-d8

Concen: 44.425 ug/l

RT: 8.647 min Scan# 1240

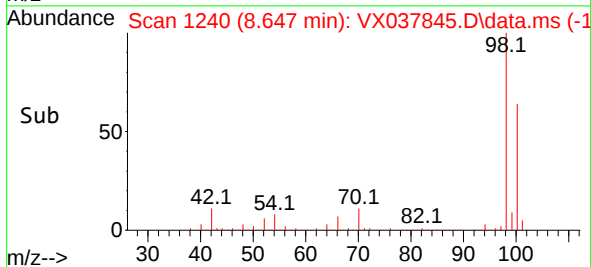
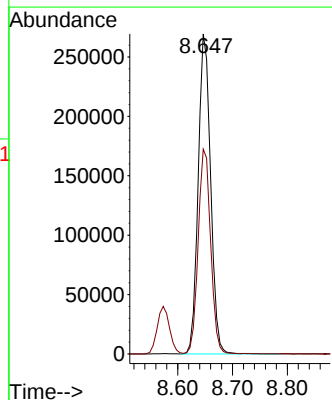
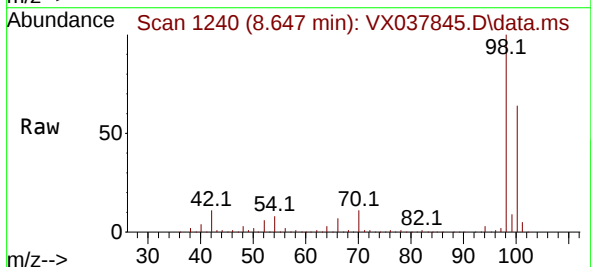
Delta R.T. -0.000 min

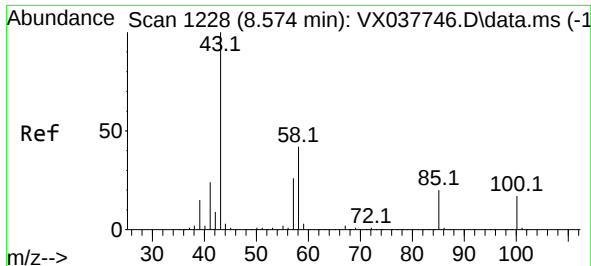
Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion: 98 Resp: 424917

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 93.439 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 43 Resp: 36955

Ion Ratio Lower Upper

43 100

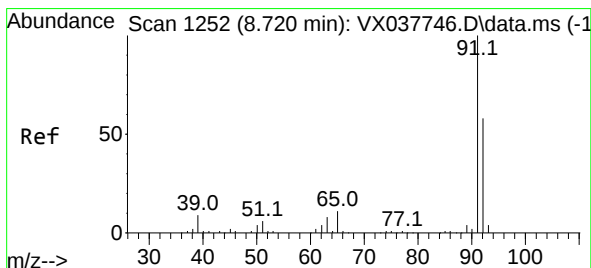
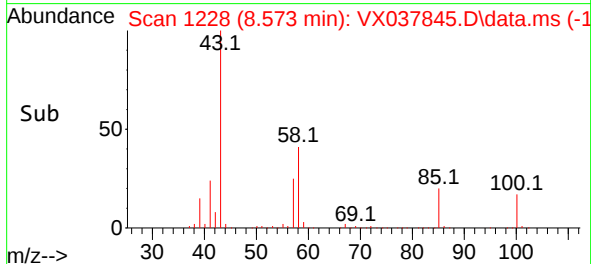
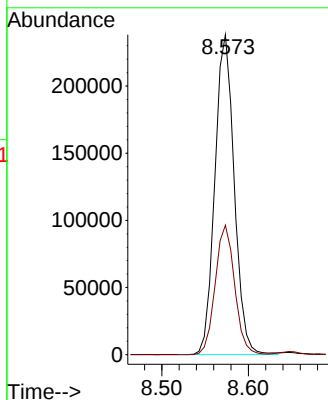
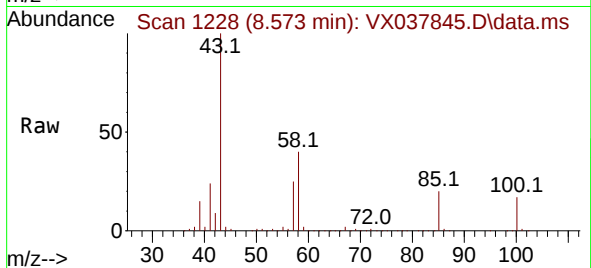
58 40.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#52

Toluene

Concen: 19.229 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037845.D

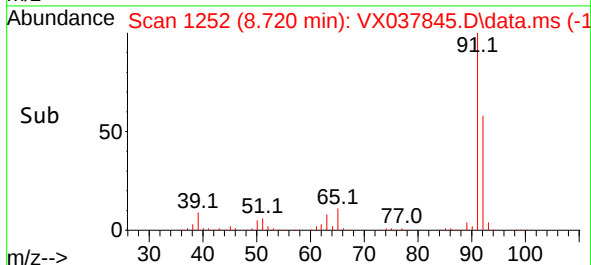
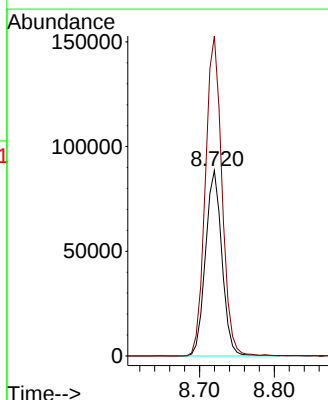
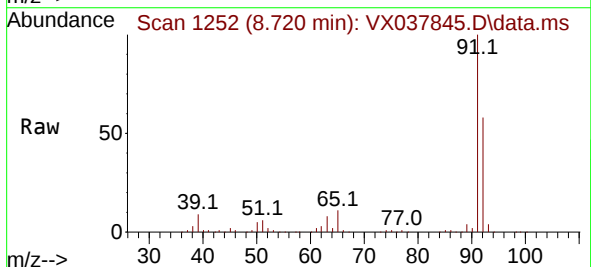
Acq: 21 Sep 2023 11:21

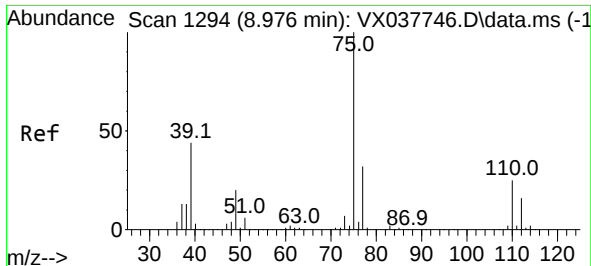
Tgt Ion: 92 Resp: 135140

Ion Ratio Lower Upper

92 100

91 174.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.721 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion: 75 Resp: 77364

Ion Ratio Lower Upper

75 100

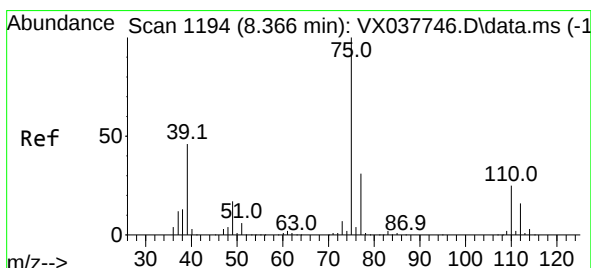
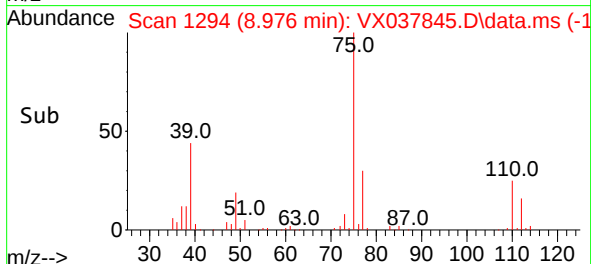
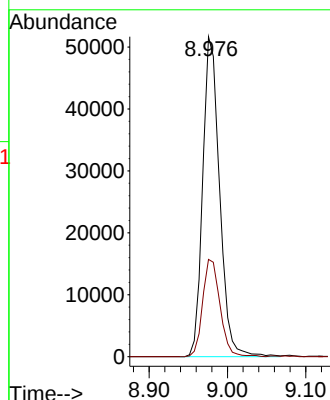
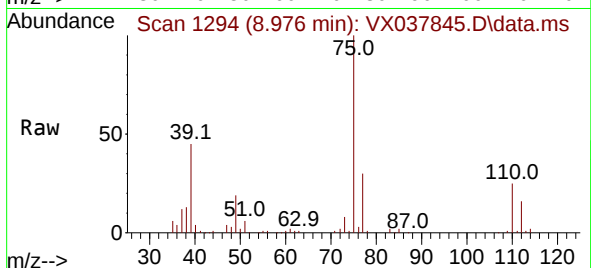
77 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#54

cis-1,3-Dichloropropene

Concen: 19.525 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

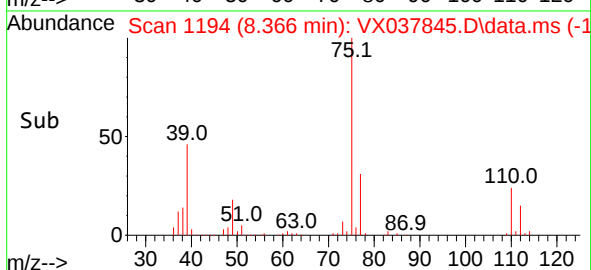
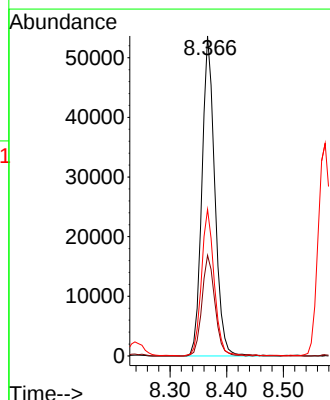
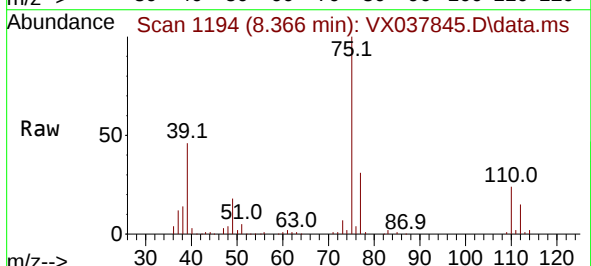
Tgt Ion: 75 Resp: 84771

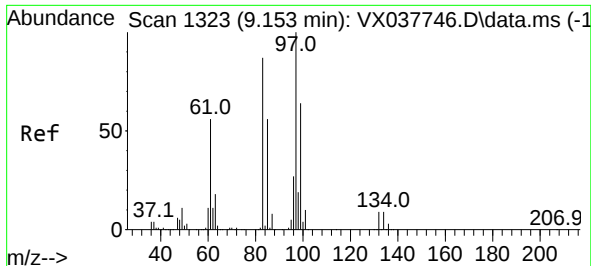
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

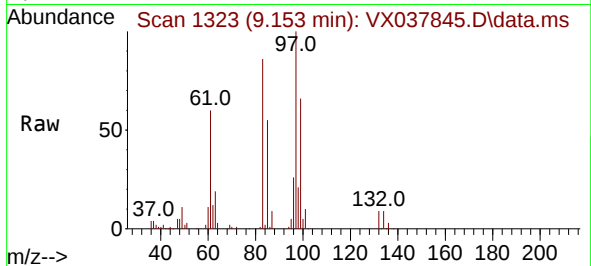
39 45.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.544 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

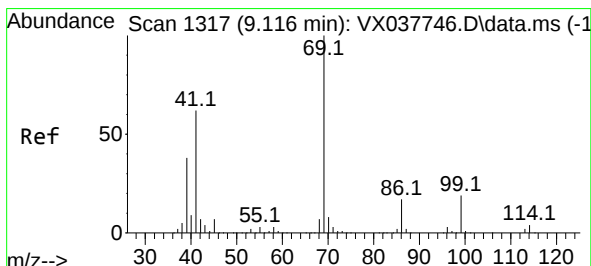
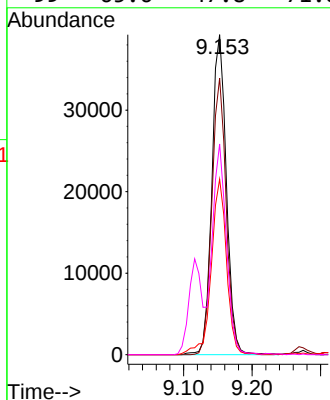
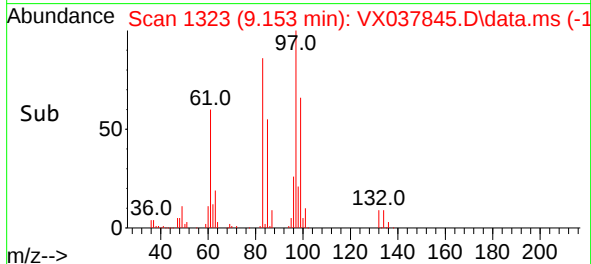
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.8	98.8
85	54.8	41.6	62.4
99	65.6	47.8	71.8

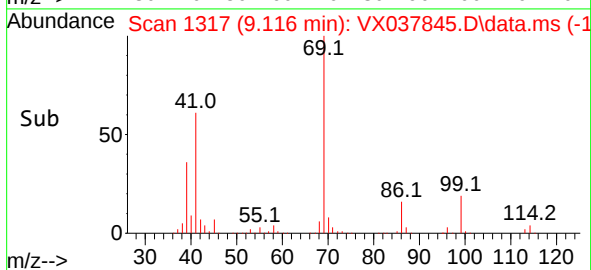
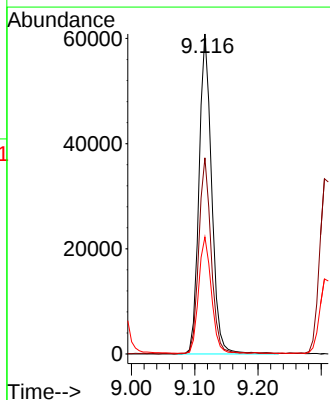
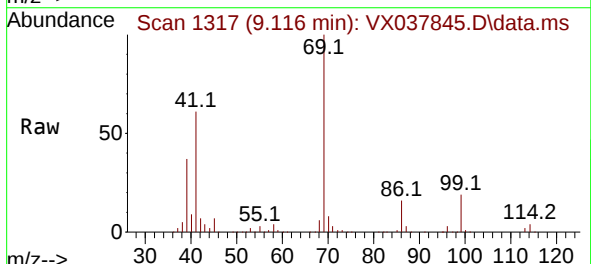
Manual Integrations
APPROVED

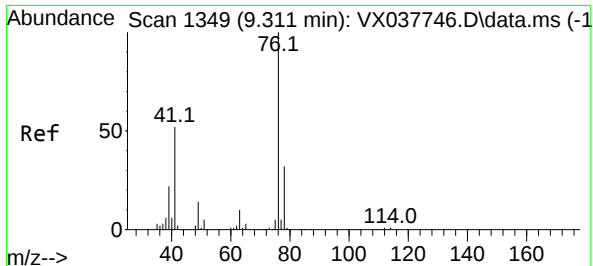
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#56
Ethyl methacrylate
Concen: 19.157 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

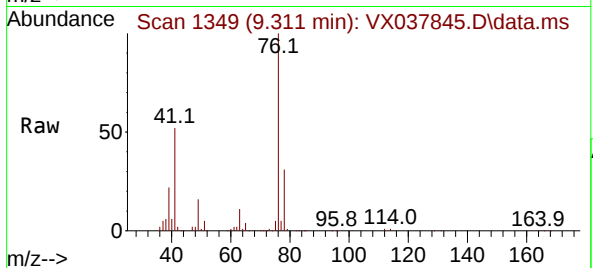
Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.2	56.8	85.2
39	36.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 19.476 ug/l
RT: 9.311 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

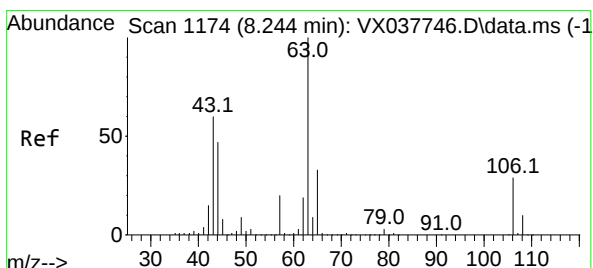
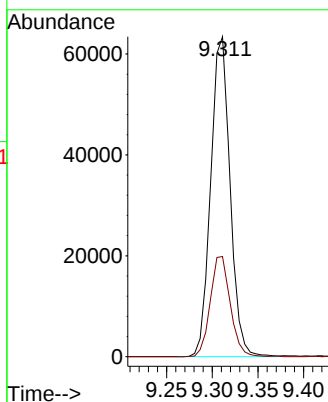
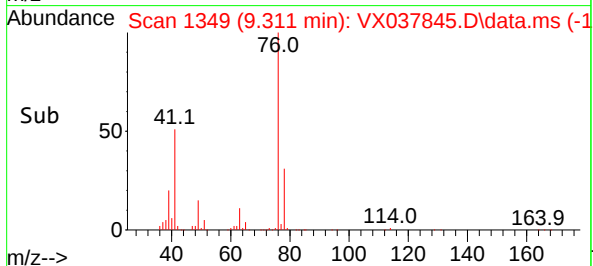
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion: 76 Resp: 93384
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

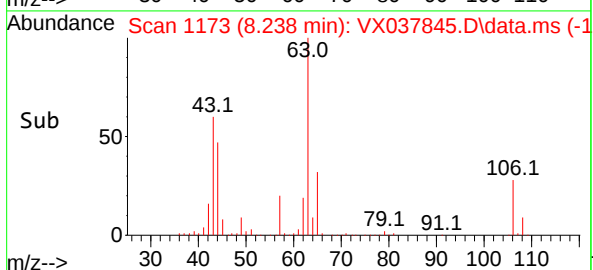
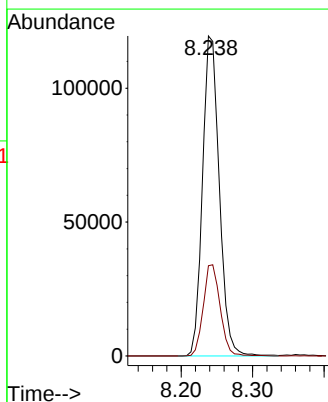
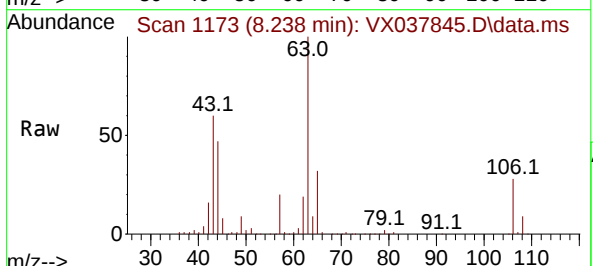
Manual Integrations
APPROVED

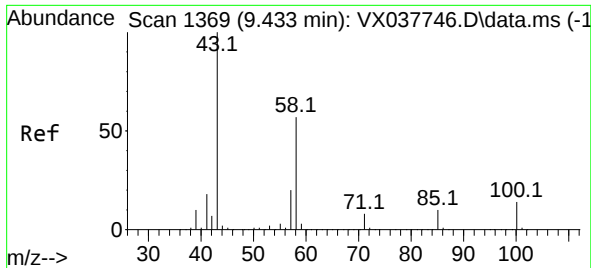
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 94.391 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

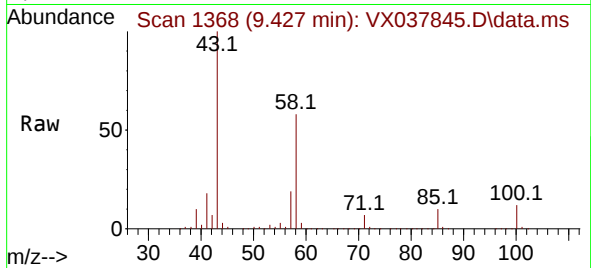
Tgt Ion: 63 Resp: 194971
Ion Ratio Lower Upper
63 100
106 28.6 22.5 33.7





#59
2-Hexanone
Concen: 91.492 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

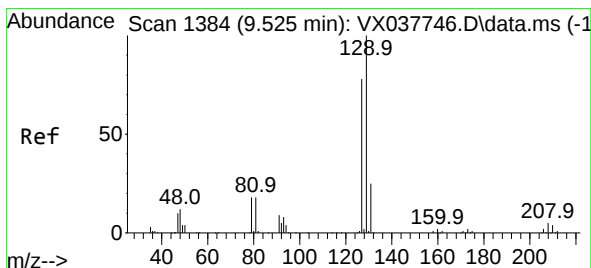
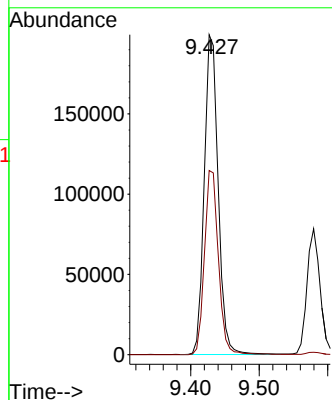
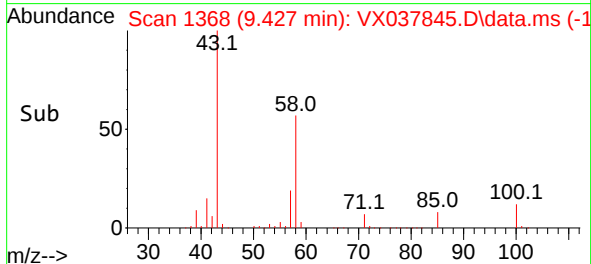
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion: 43 Resp: 281739
Ion Ratio Lower Upper
43 100
58 57.8 26.2 78.5

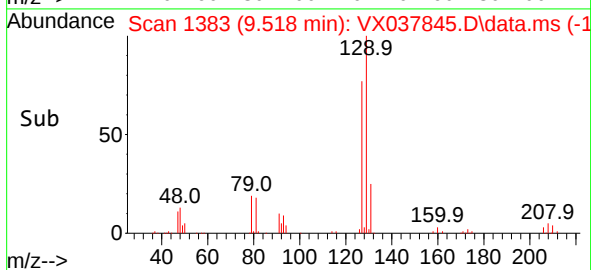
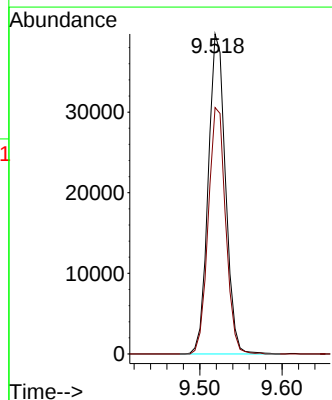
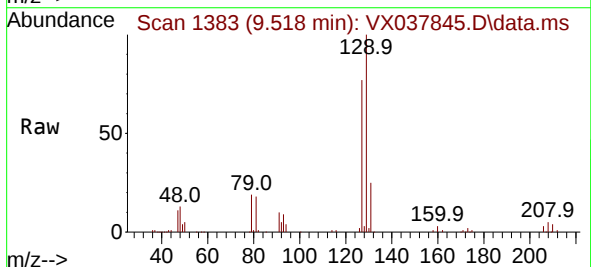
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#60
Dibromochloromethane
Concen: 19.593 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

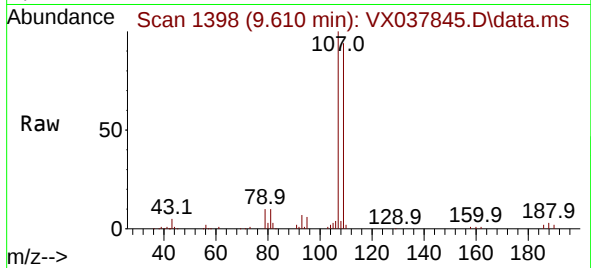
Tgt Ion:129 Resp: 57834
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.436 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

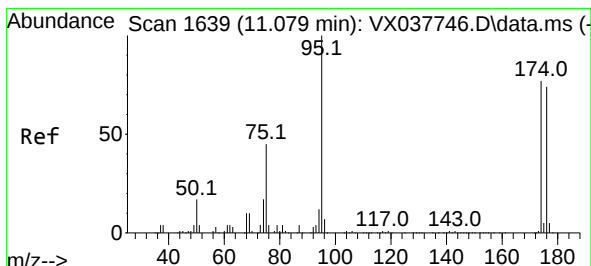
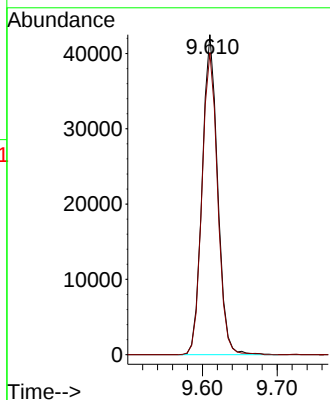
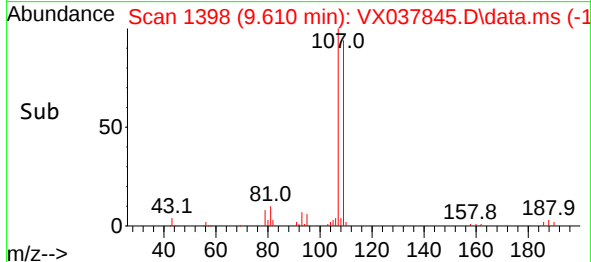
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



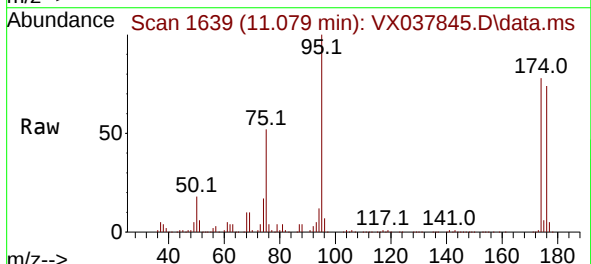
Tgt Ion:107 Resp: 60970
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

Manual Integrations
APPROVED

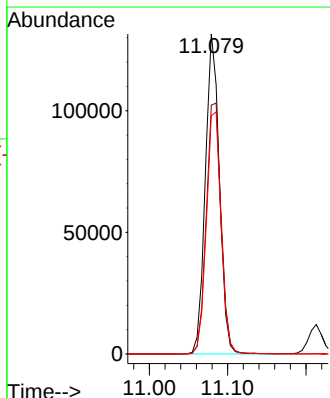
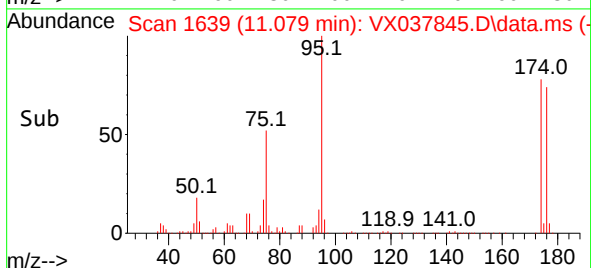
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

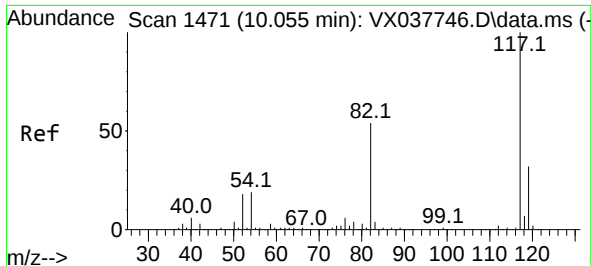


#62
4-Bromofluorobenzene
Concen: 46.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



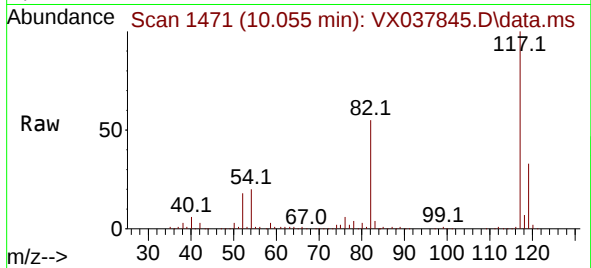
Tgt Ion: 95 Resp: 163195
Ion Ratio Lower Upper
95 100
174 83.4 0.0 135.6
176 79.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

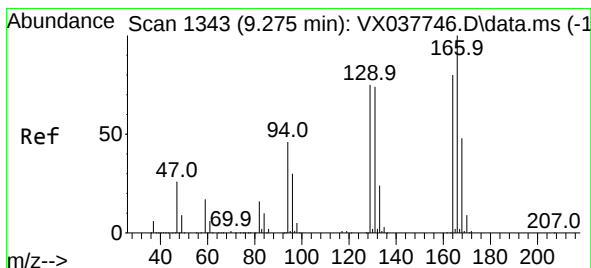
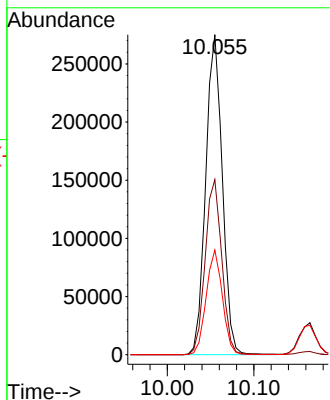
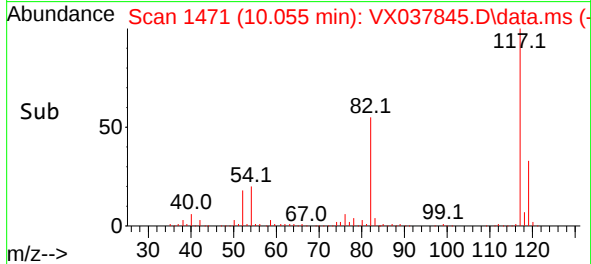
Instrument : MSVOA_X
ClientSampleId : VX0921WBSD01



Tgt Ion:117 Resp: 36642
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.7 25.5 38.3

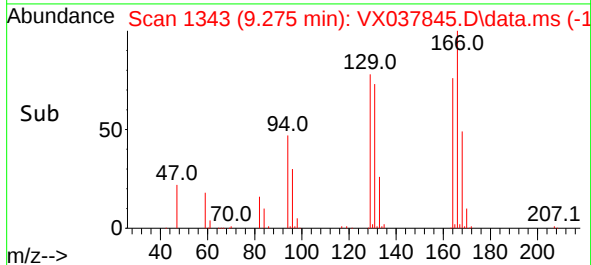
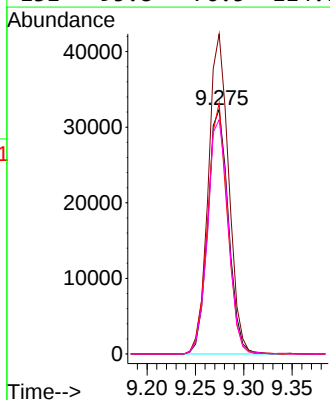
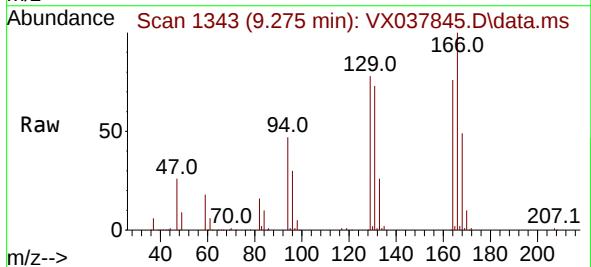
Manual Integrations
APPROVED

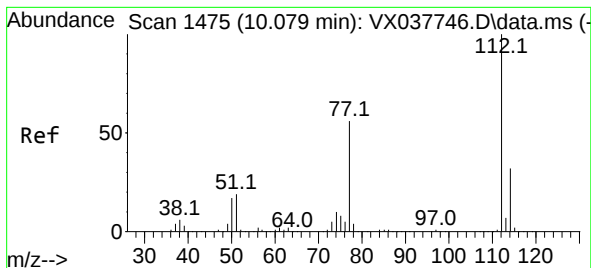
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#64
Tetrachloroethene
Concen: 19.157 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

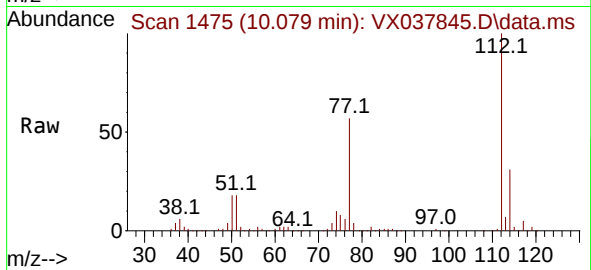
Tgt Ion:164 Resp: 47873
Ion Ratio Lower Upper
164 100
166 130.9 102.7 154.1
129 102.7 80.4 120.6
131 95.8 76.5 114.7





#65
Chlorobenzene
Concen: 19.138 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

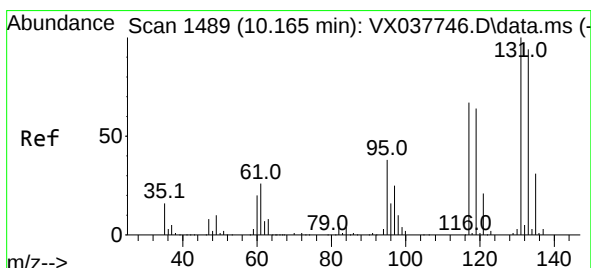
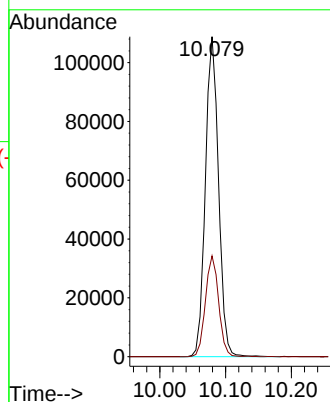
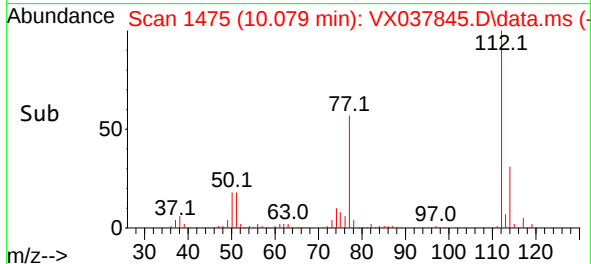
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



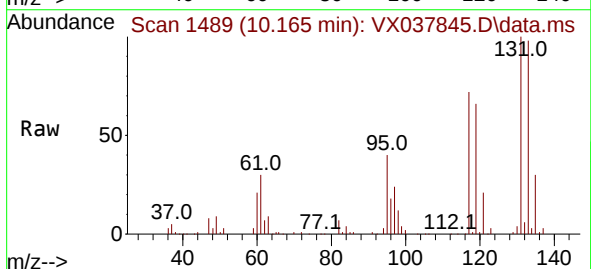
Tgt Ion:112 Resp: 151259
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
APPROVED

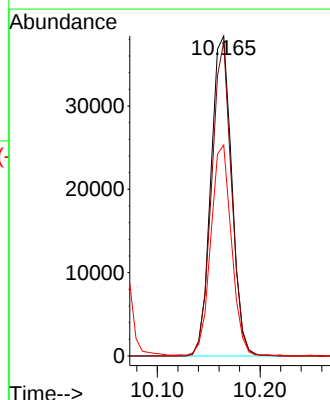
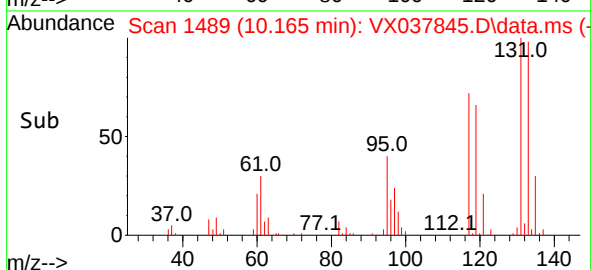
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

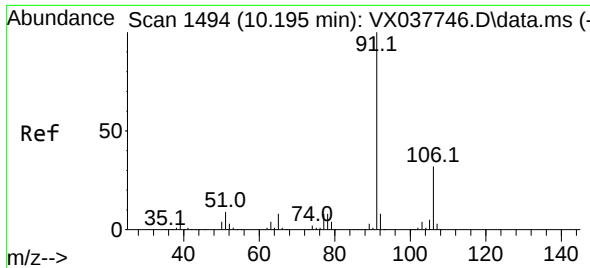


#66
1,1,1,2-Tetrachloroethane
Concen: 19.268 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



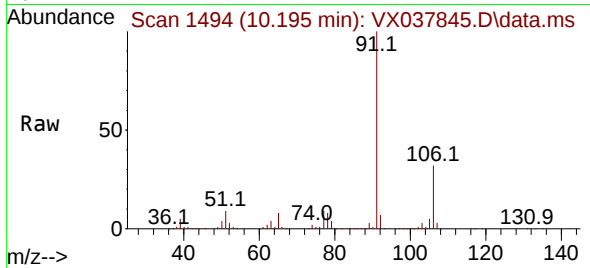
Tgt Ion:131 Resp: 53968
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 19.538 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

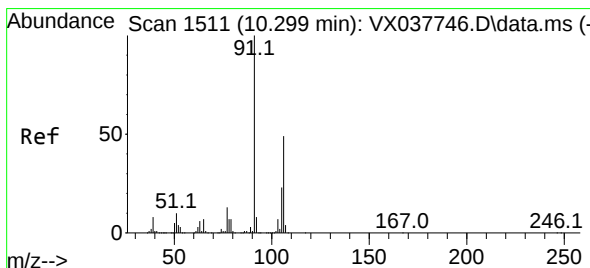
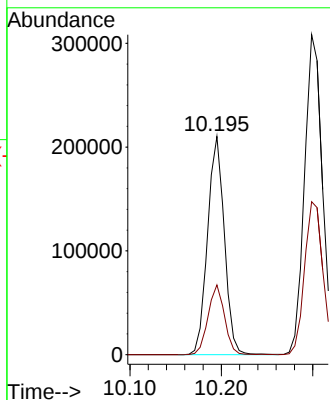
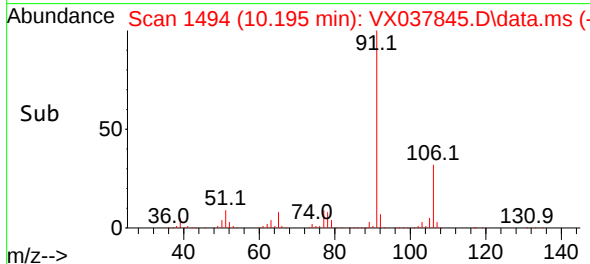
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



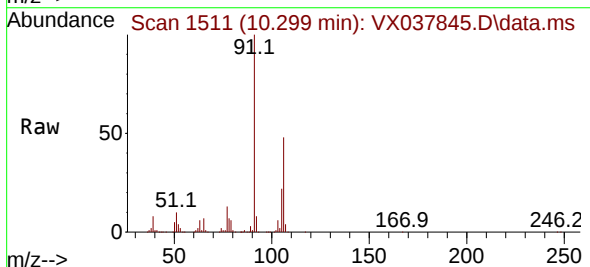
Tgt Ion: 91 Resp: 26772
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

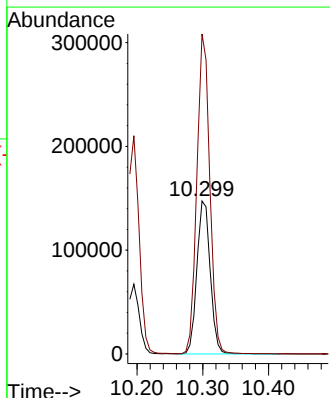
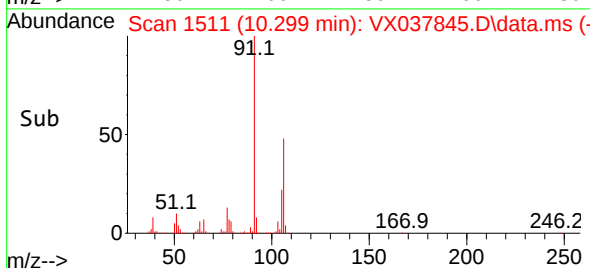
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

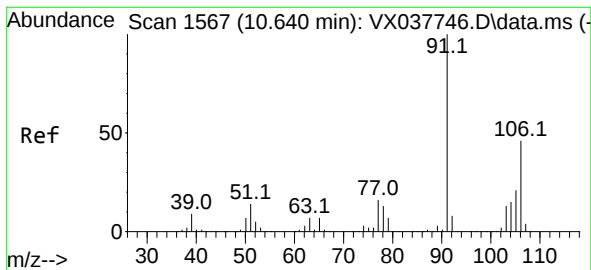


#68
m/p-Xylenes
Concen: 39.147 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



Tgt Ion:106 Resp: 207287
Ion Ratio Lower Upper
106 100
91 202.7 165.5 248.3





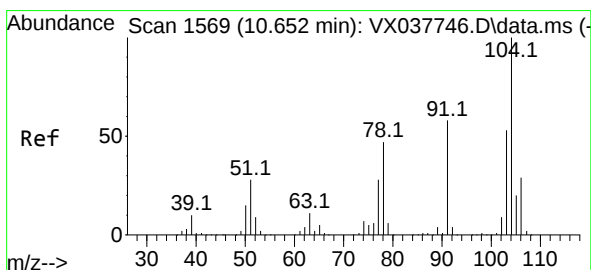
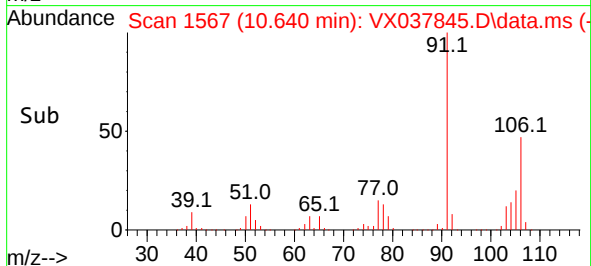
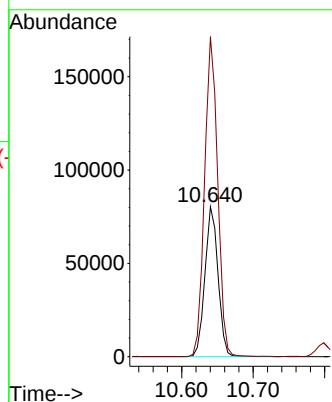
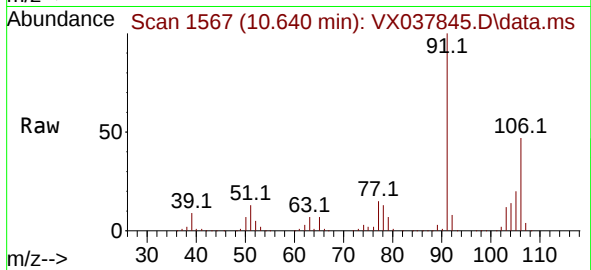
#69
o-Xylene
Concen: 19.285 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion:106 Resp: 102400
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

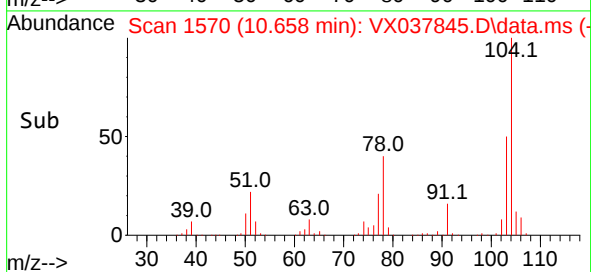
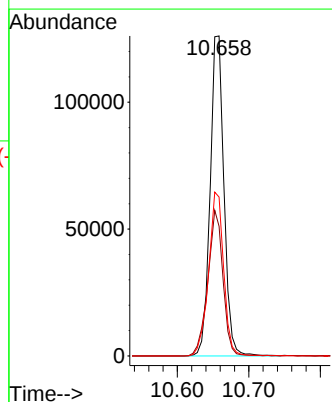
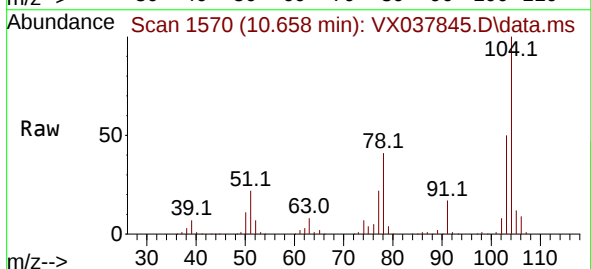
Manual Integrations
APPROVED

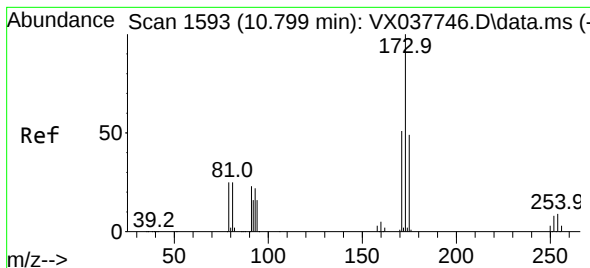
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#70
Styrene
Concen: 19.906 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

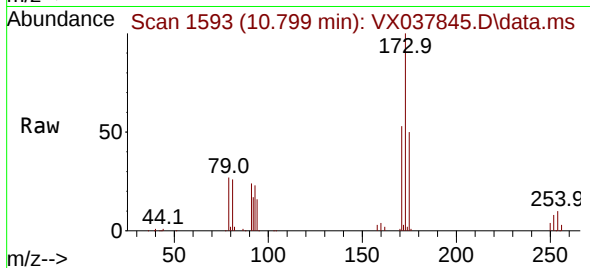
Tgt Ion:104 Resp: 169687
Ion Ratio Lower Upper
104 100
78 49.7 43.6 65.4
103 55.9 43.6 65.4





#71
Bromoform
Concen: 18.726 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

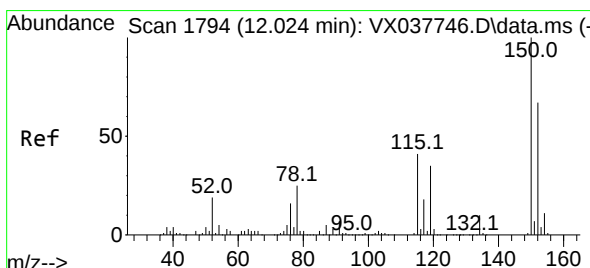
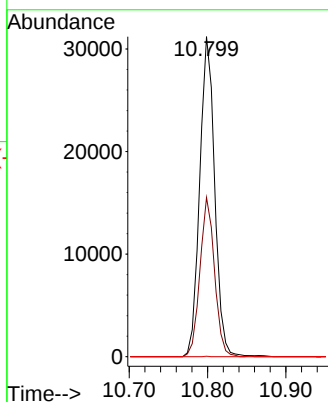
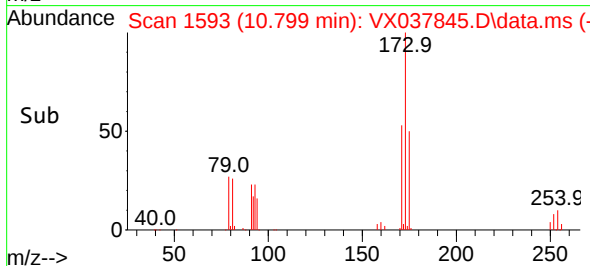
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion:173 Resp: 41435
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

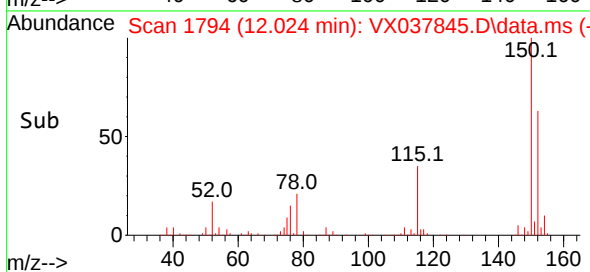
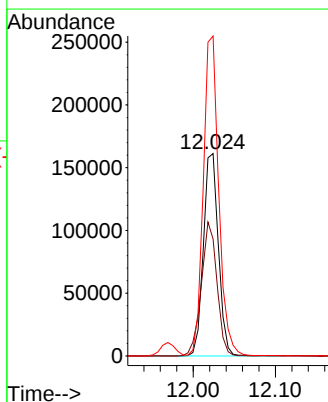
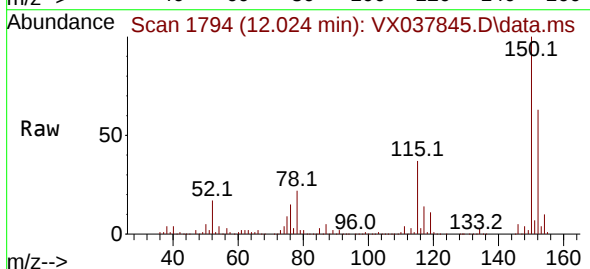
Manual Integrations
APPROVED

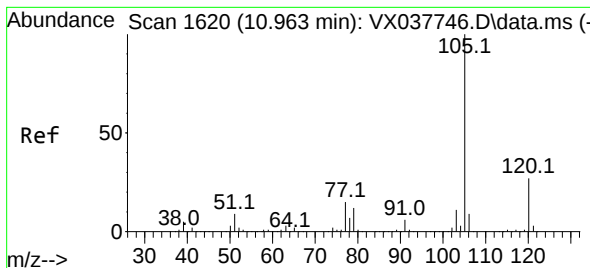
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion:152 Resp: 204043
Ion Ratio Lower Upper
152 100
115 68.8 43.3 129.9
150 162.5 0.0 345.0





#73

Isopropylbenzene

Concen: 18.293 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

Tgt Ion:105 Resp: 27384

Ion Ratio Lower Upper

105 100

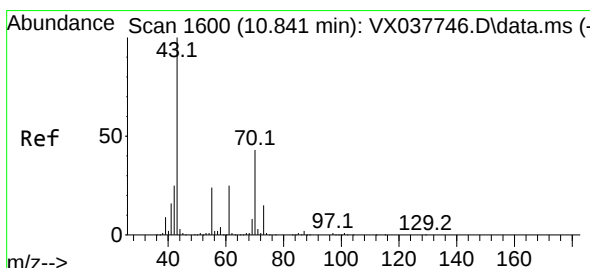
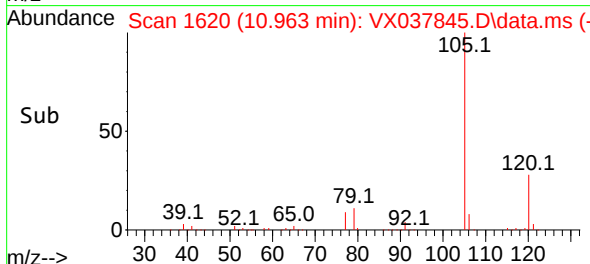
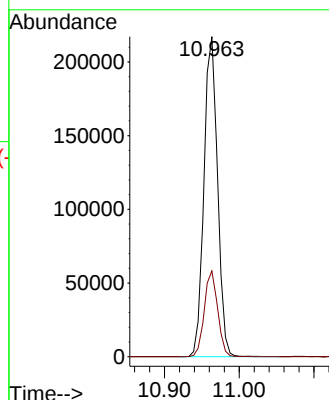
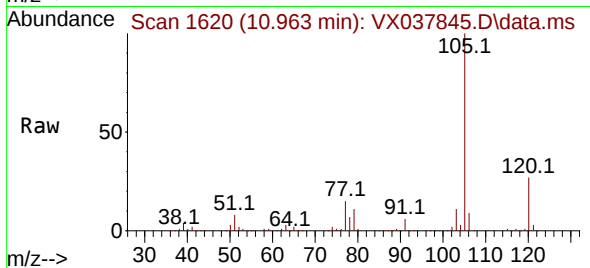
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#74

N-ethyl acetate

Concen: 17.499 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion: 43 Resp: 106089

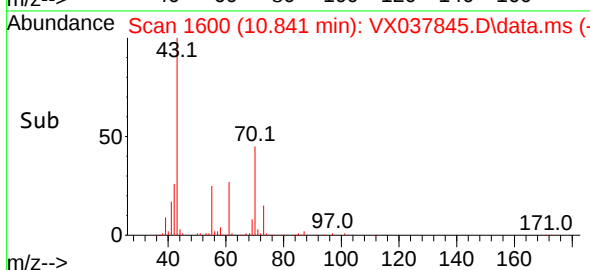
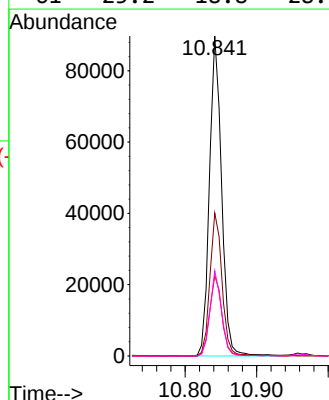
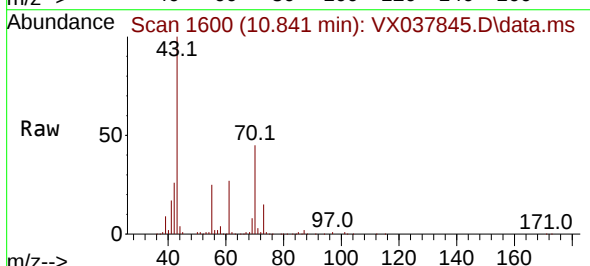
Ion Ratio Lower Upper

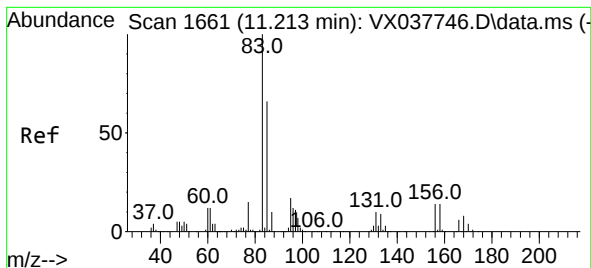
43 100

70 44.5 32.9 49.3

55 25.3 19.3 28.9

61 25.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.834 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

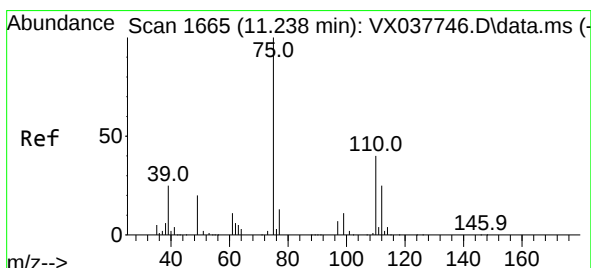
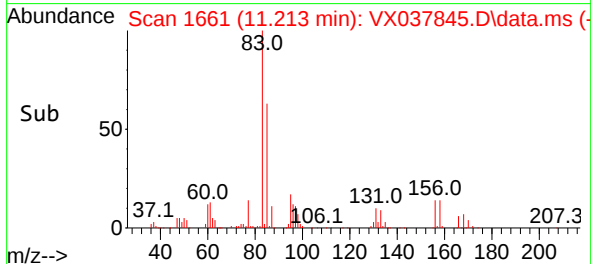
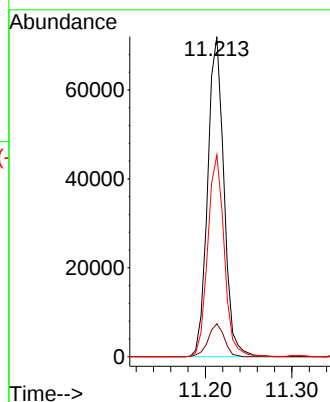
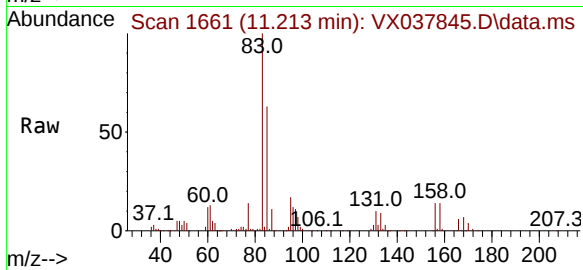
Tgt Ion: 83	Resp: 9389
Ion Ratio	Lower Upper
83 100	
131 10.3	5.3 15.8
85 63.8	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#76

1,2,3-Trichloropropane

Concen: 17.502 ug/l m

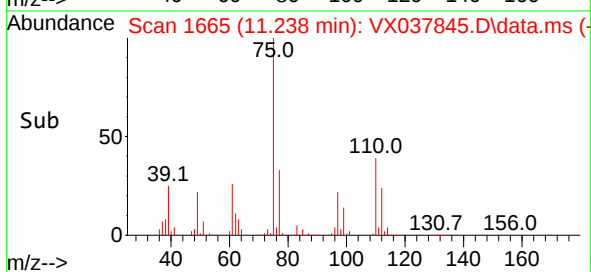
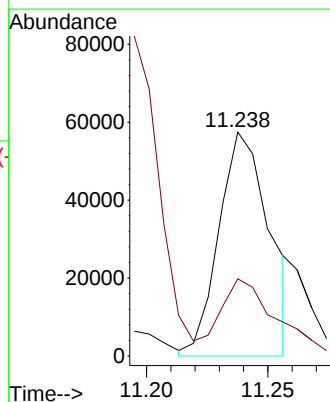
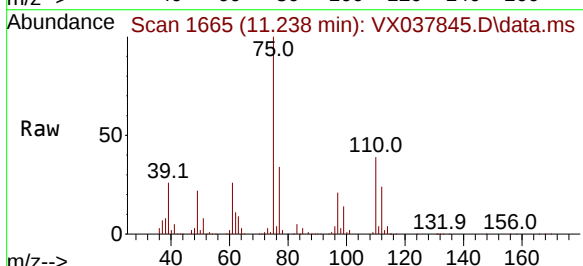
RT: 11.238 min Scan# 1665

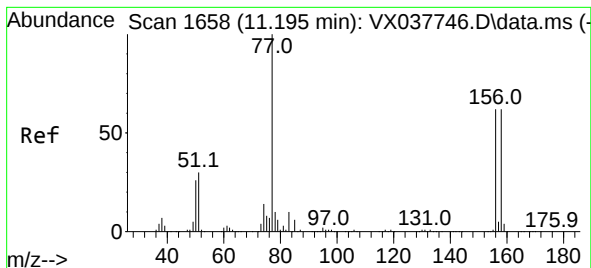
Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion: 75	Resp: 82598
Ion Ratio	Lower Upper
75 100	
77 38.7	19.1 57.5





#77

Bromobenzene

Concen: 18.441 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

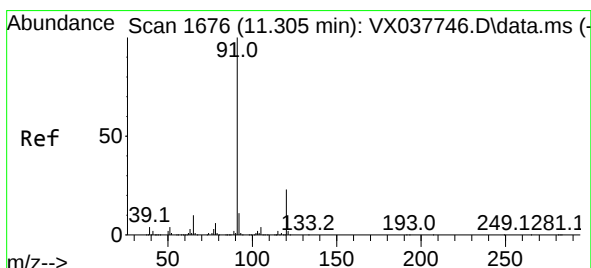
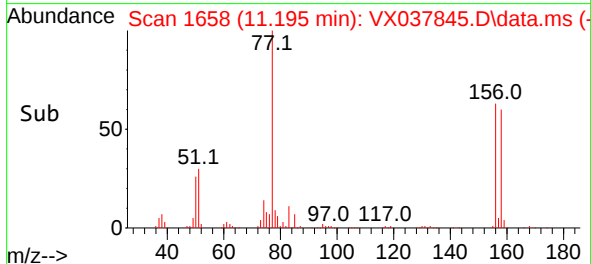
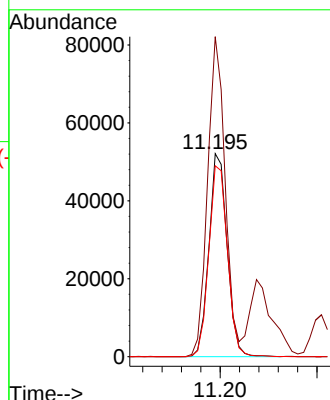
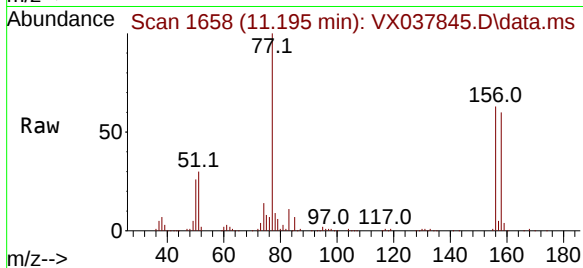
Tgt Ion:	156	Resp:	68320
Ion Ratio	Lower	Upper	
156	100		
77	151.5	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 18.811 ug/l

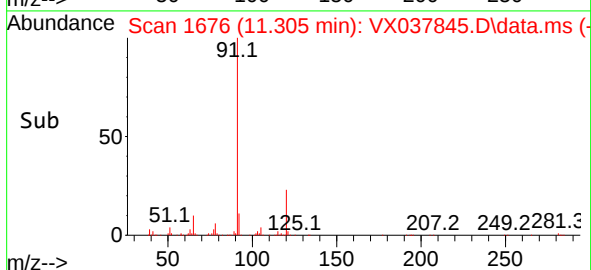
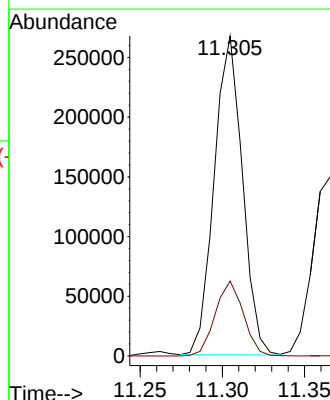
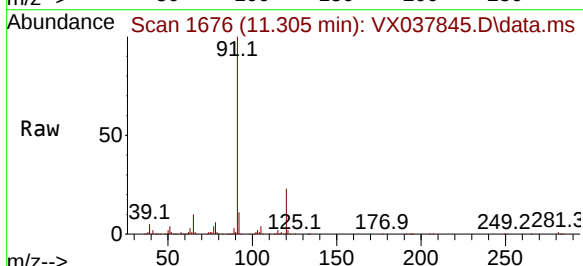
RT: 11.305 min Scan# 1676

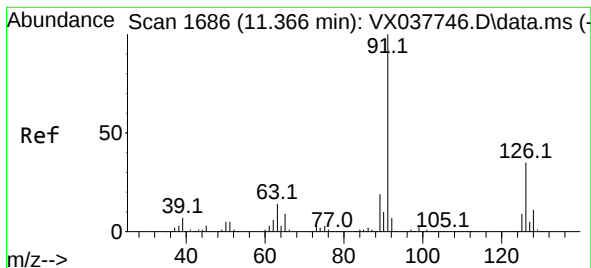
Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion:	91	Resp:	318016
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





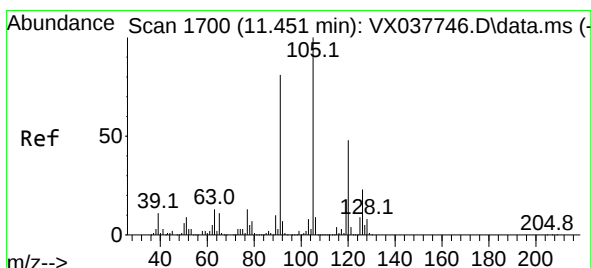
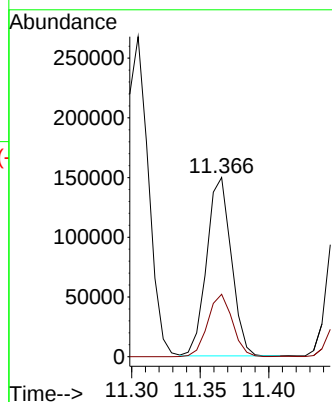
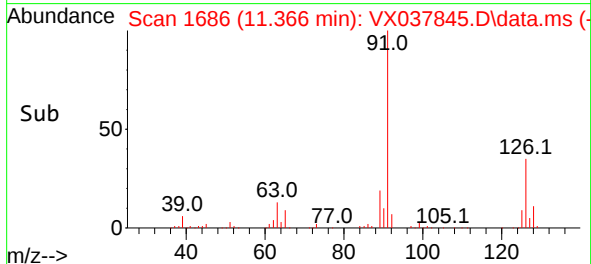
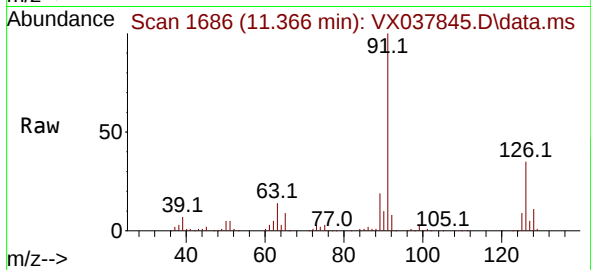
#79
2-Chlorotoluene
Concen: 17.909 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 91 Resp: 18668
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8

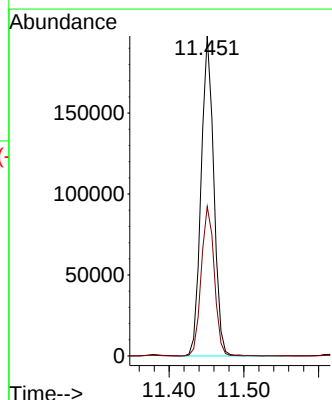
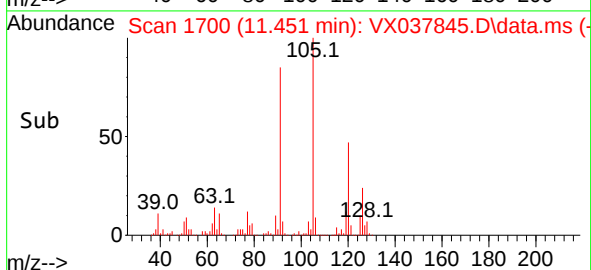
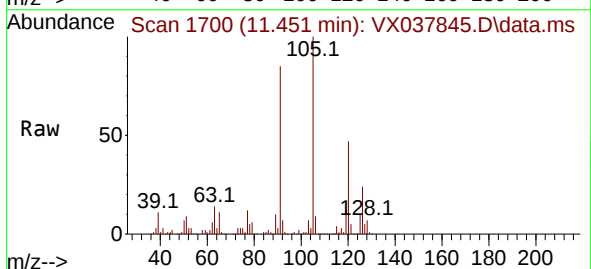
Manual Integrations
APPROVED

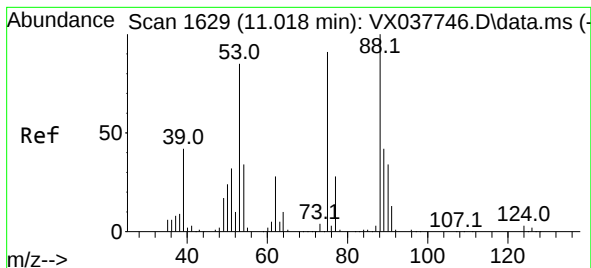
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.359 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion:105 Resp: 232090
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





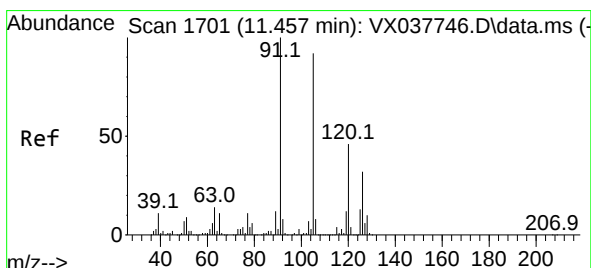
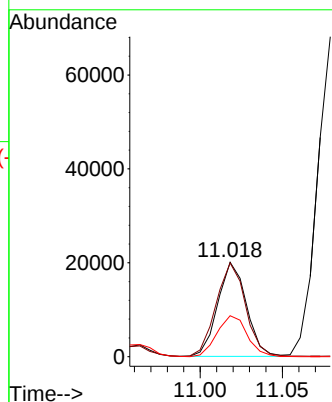
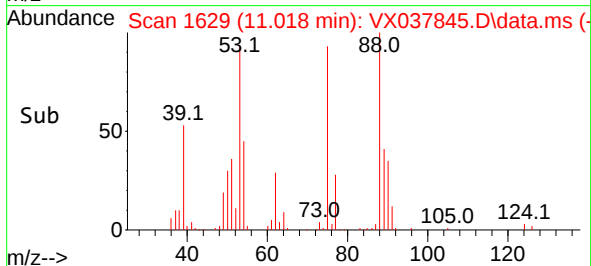
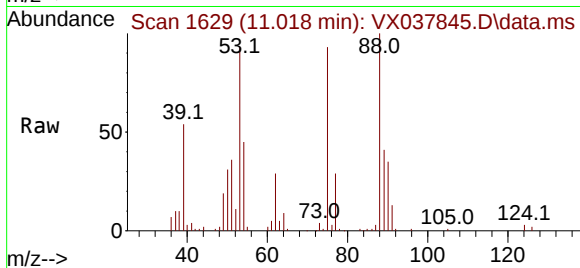
#81
trans-1,4-Dichloro-2-butene
Concen: 16.504 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 75 Resp: 2431
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 46.0 36.9 55.3

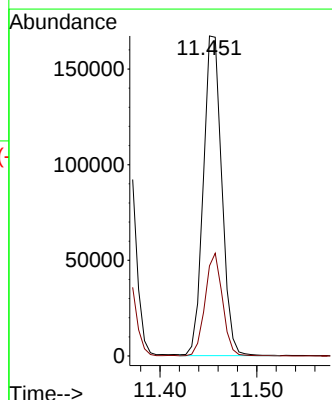
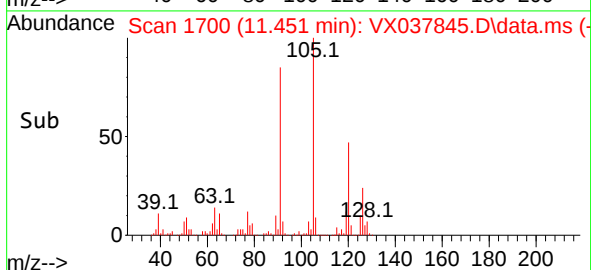
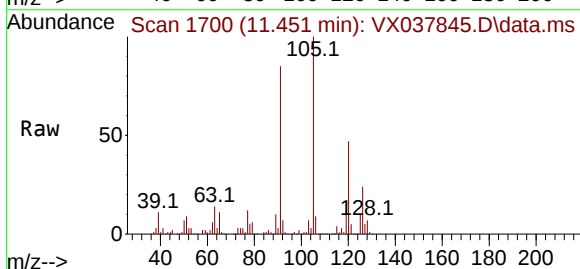
Manual Integrations
APPROVED

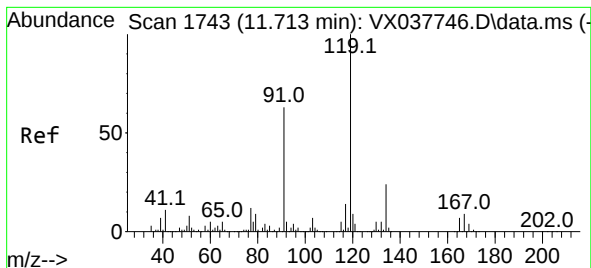
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#82
4-Chlorotoluene
Concen: 18.894 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Tgt Ion: 91 Resp: 221730
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.057 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01

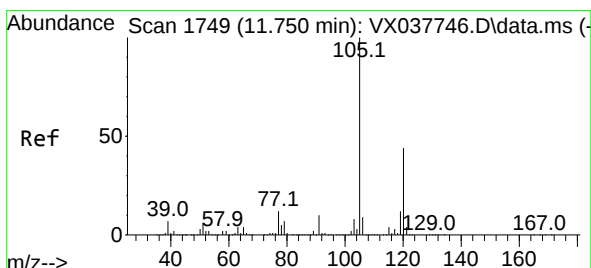
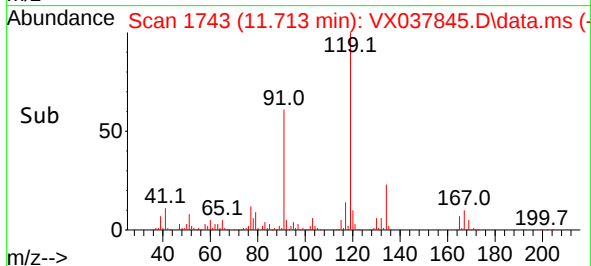
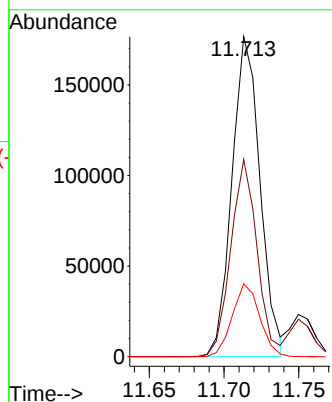
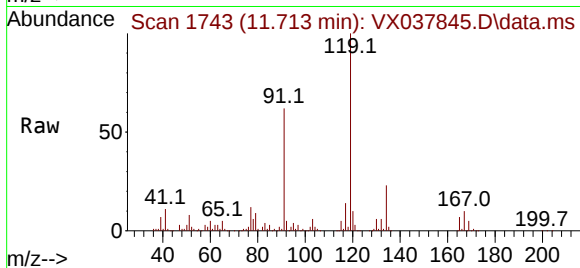
Tgt Ion:	119	Resp:	230710
Ion Ratio	Lower	Upper	
119	100		
91	57.9	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.645 ug/l

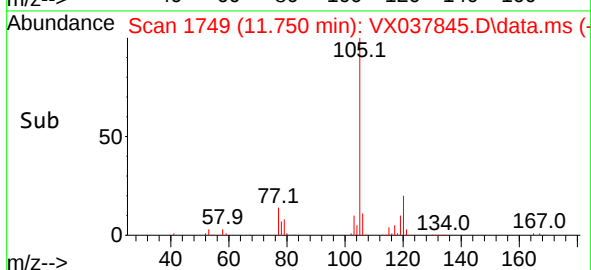
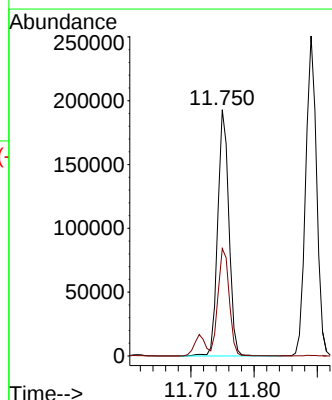
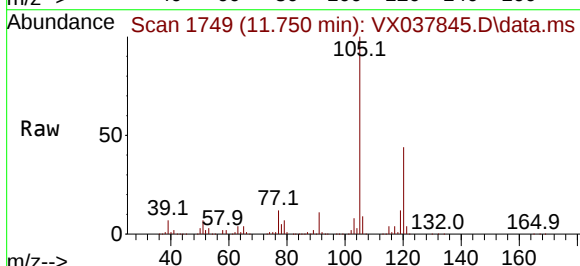
RT: 11.750 min Scan# 1749

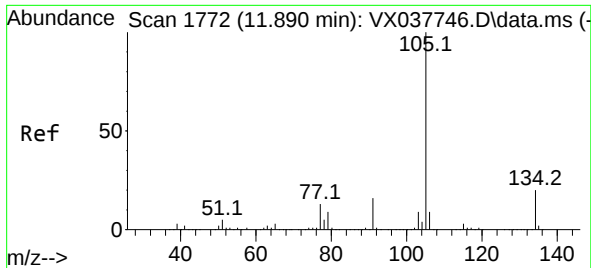
Delta R.T. -0.006 min

Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

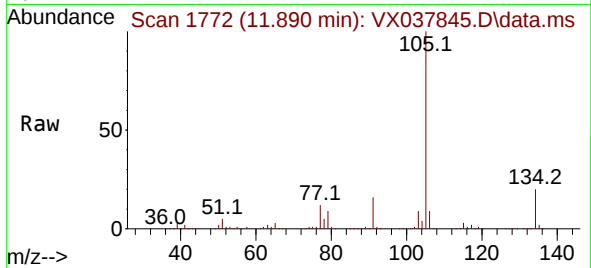
Tgt Ion:	105	Resp:	234511
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.262 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. -0.000 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21

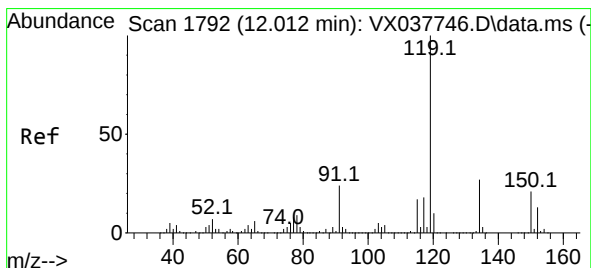
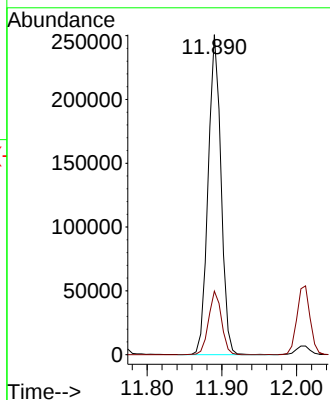
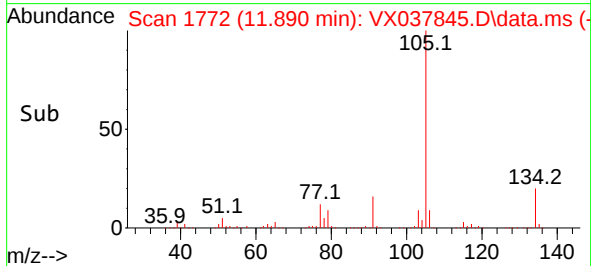
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD01



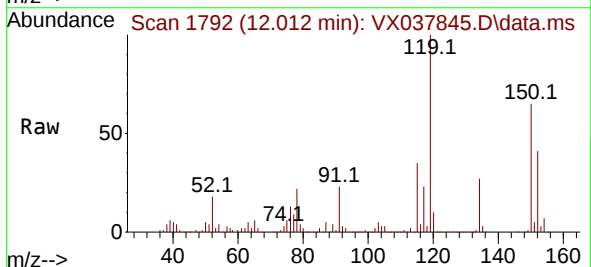
Tgt Ion:105 Resp: 29857
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

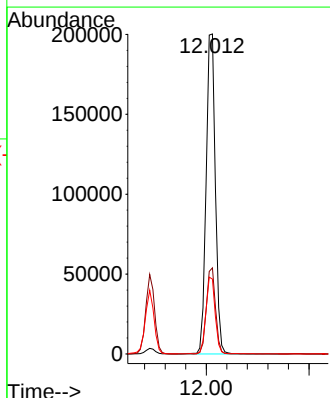
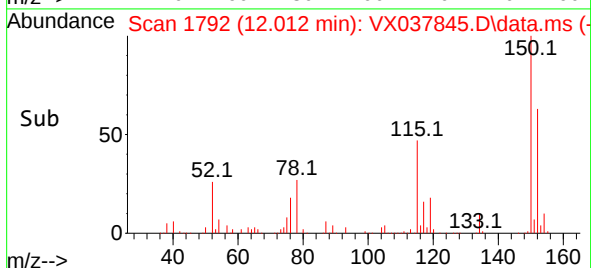
Reviewed By :John Carlone 09/22/2023
 Supervised By :Mahesh Dadoda 09/22/2023

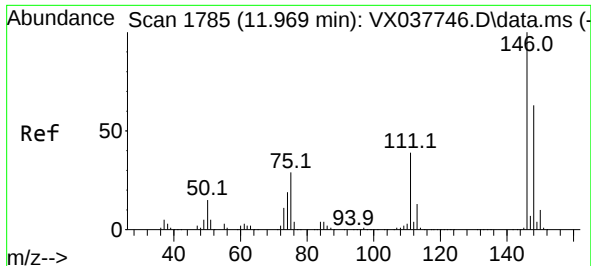


#86
 p-Isopropyltoluene
 Concen: 19.288 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037845.D
 Acq: 21 Sep 2023 11:21



Tgt Ion:119 Resp: 249088
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.083 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037845.D

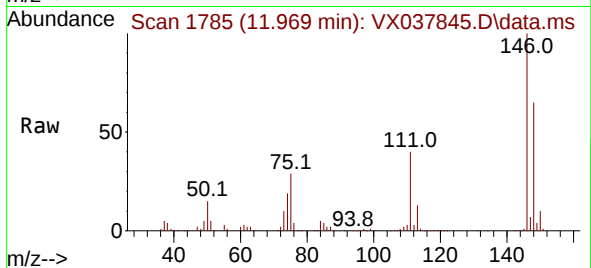
Acq: 21 Sep 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0921WBSD01



Tgt Ion:146 Resp: 131800

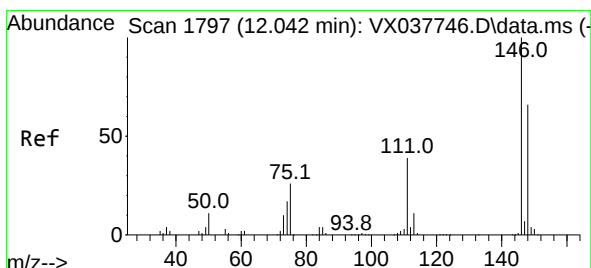
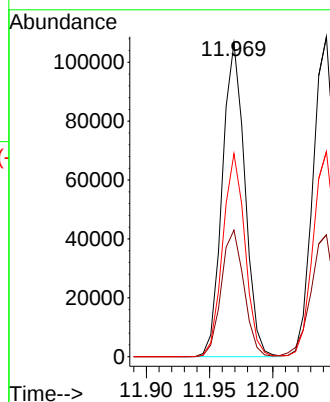
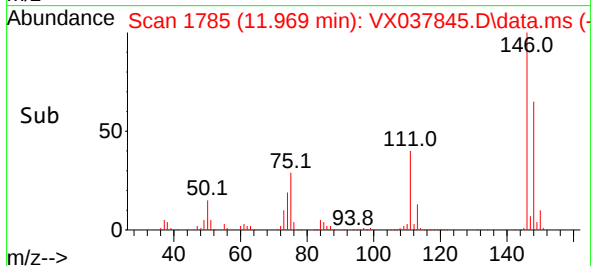
Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.1	66.1
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#88

1,4-Dichlorobenzene

Concen: 19.376 ug/l

RT: 12.042 min Scan# 1797

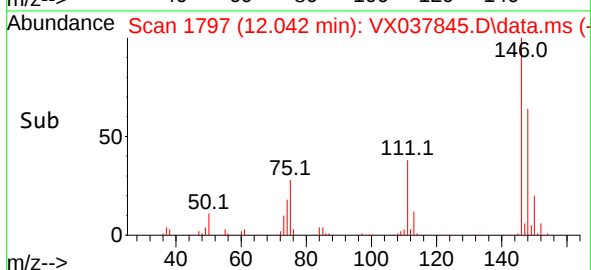
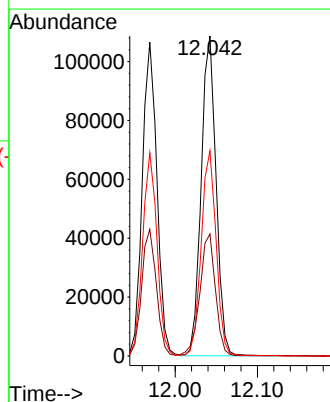
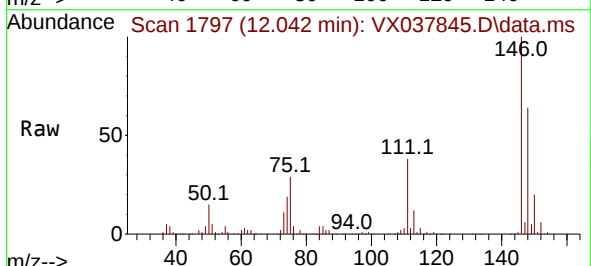
Delta R.T. -0.000 min

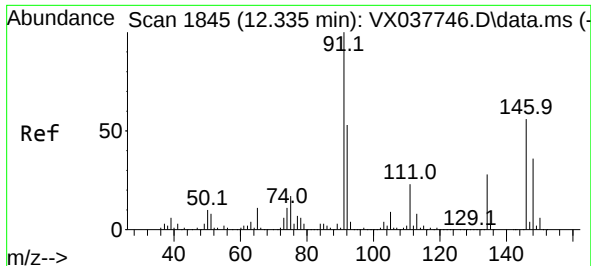
Lab File: VX037845.D

Acq: 21 Sep 2023 11:21

Tgt Ion:146 Resp: 136939

Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.3	63.7
148	64.1	31.8	95.4





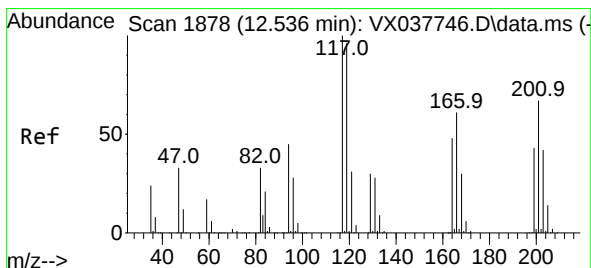
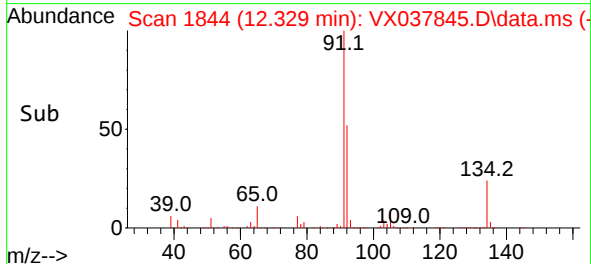
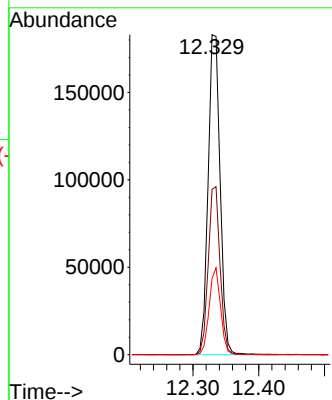
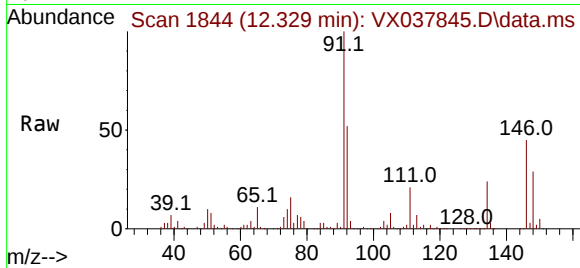
#89
n-Butylbenzene
Concen: 20.607 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01

Tgt Ion: 91 Resp: 233130
Ion Ratio Lower Upper
91 100
92 51.6 27.4 82.0
134 25.7 12.6 37.8

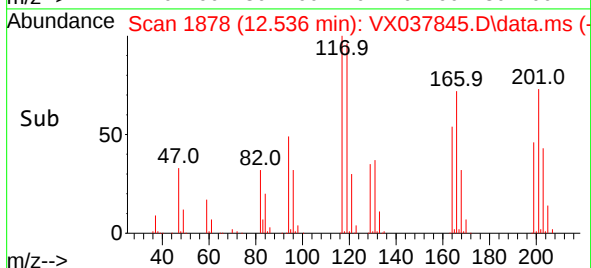
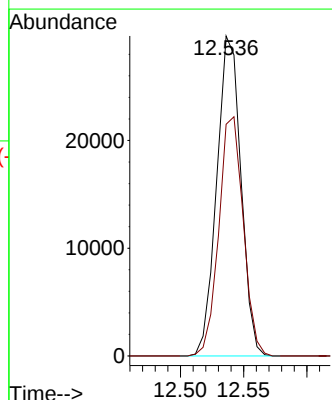
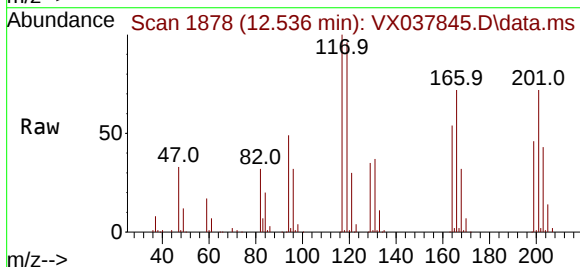
Manual Integrations
APPROVED

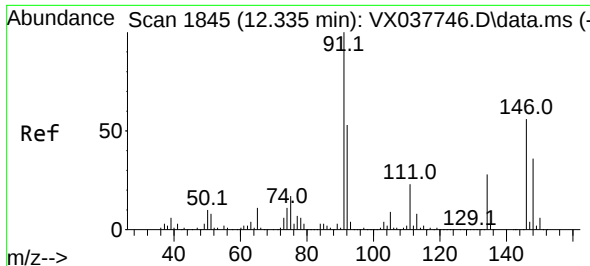
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#90
Hexachloroethane
Concen: 18.022 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

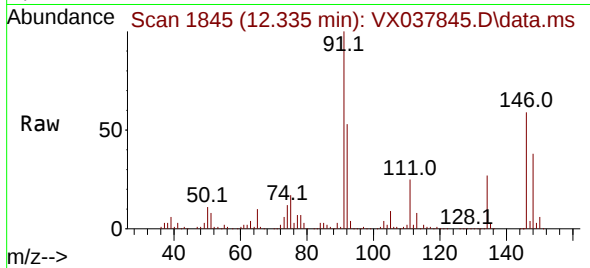
Tgt Ion:117 Resp: 39435
Ion Ratio Lower Upper
117 100
201 75.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.516 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

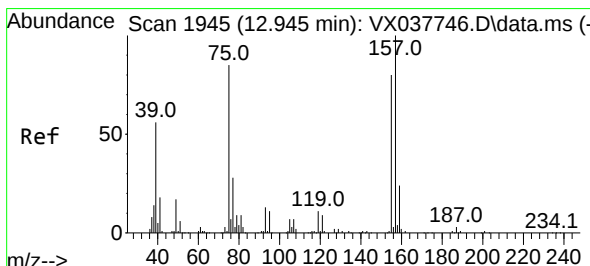
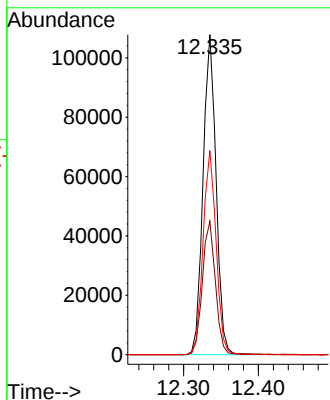
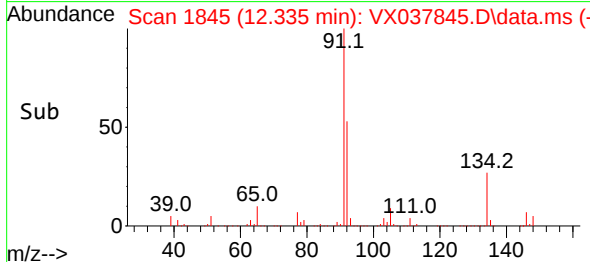
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



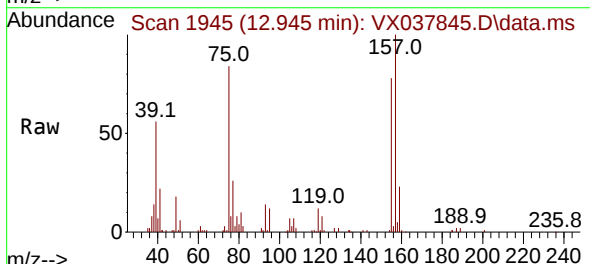
Tgt Ion:146 Resp: 130572
Ion Ratio Lower Upper
146 100
111 41.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

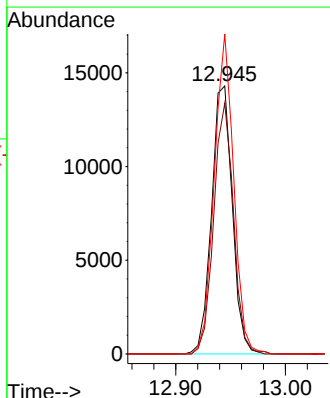
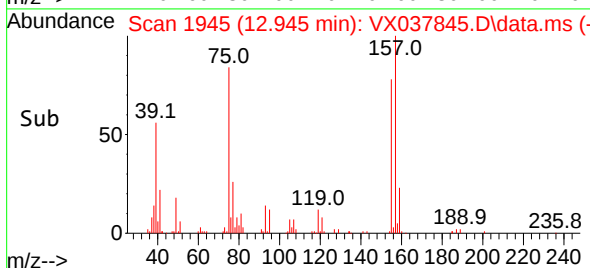
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

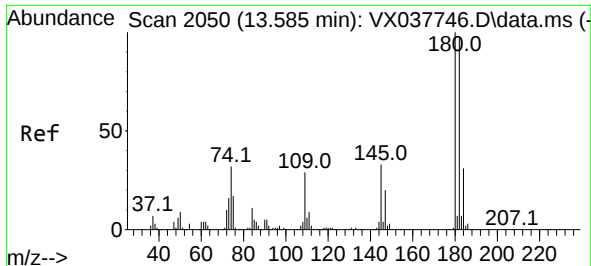


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.972 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



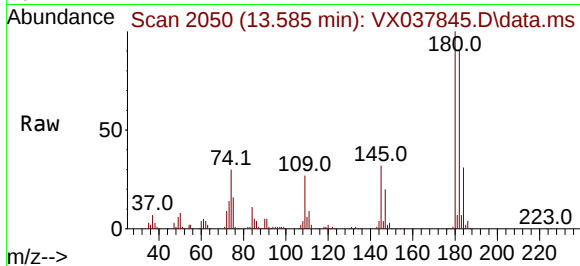
Tgt Ion: 75 Resp: 18861
Ion Ratio Lower Upper
75 100
155 88.8 36.1 108.5
157 111.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 21.369 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

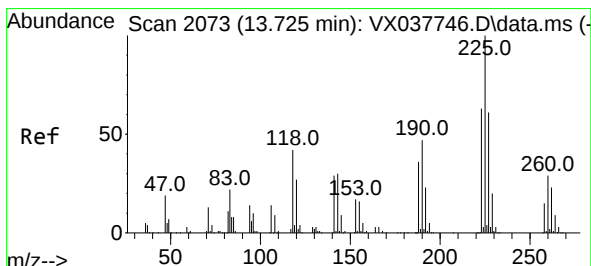
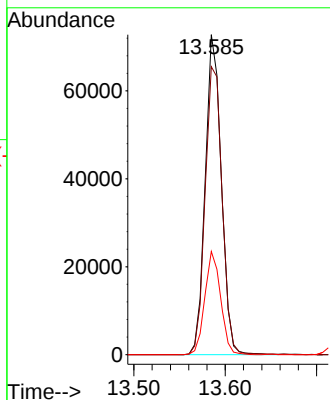
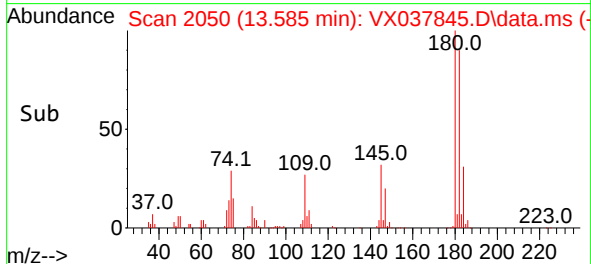
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



Tgt Ion:180 Resp: 8876
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.8
145 31.8 18.0 54.0

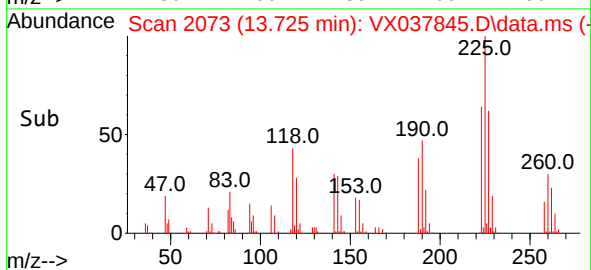
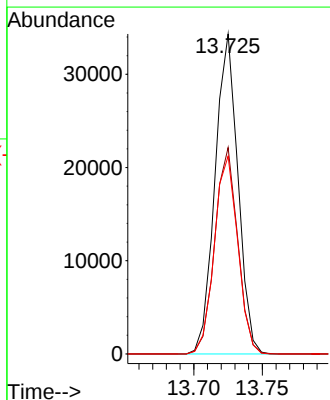
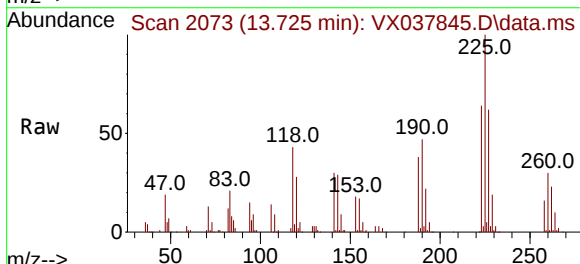
Manual Integrations
APPROVED

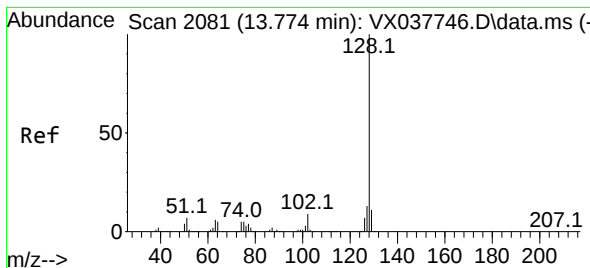
Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#94
Hexachlorobutadiene
Concen: 20.544 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

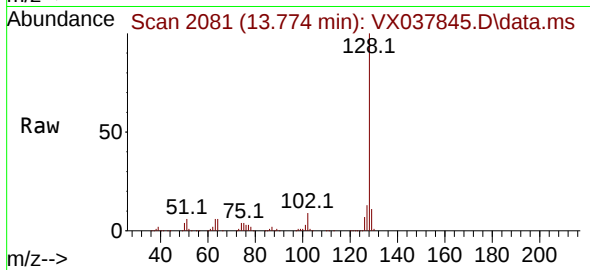
Tgt Ion:225 Resp: 39851
Ion Ratio Lower Upper
225 100
223 64.5 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 19.518 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21

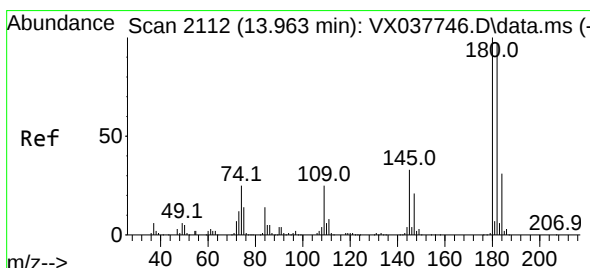
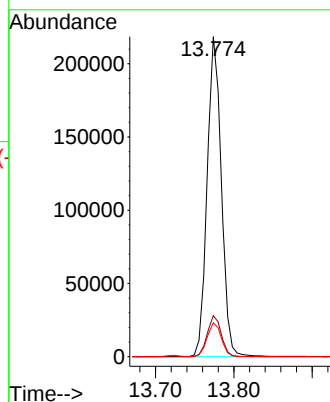
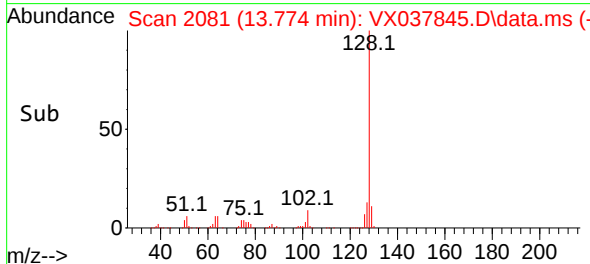
Instrument :
MSVOA_X
ClientSampleId :
VX0921WBSD01



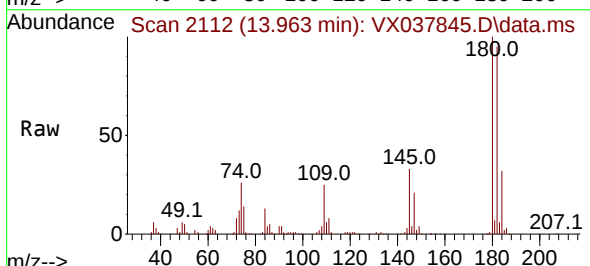
Tgt Ion:128 Resp: 27419
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.972 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037845.D
Acq: 21 Sep 2023 11:21



Tgt Ion:180 Resp: 85371
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 33.4 17.8 53.5

