

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037795.D
 Acq On : 19 Sep 2023 10:58
 Operator : JC/MD
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 00:58:16 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	5.556	168	254230	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	414475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168268	50.377	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.385	113	142480	51.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	539288	52.336	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.079	95	199443	53.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47958	17.897	ug/l	97
3) Chloromethane	1.301	50	51360	17.616	ug/l	98
4) Vinyl Chloride	1.374	62	56964	18.110	ug/l	99
5) Bromomethane	1.605	94	42764	18.991	ug/l	97
6) Chloroethane	1.691	64	36429	16.812	ug/l	97
7) Trichlorofluoromethane	1.892	101	93504	18.491	ug/l	100
8) Diethyl Ether	2.136	74	35018	17.874	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	47885	18.659	ug/l	98
10) Methyl Iodide	2.453	142	55895	16.458	ug/l	94
11) Tert butyl alcohol	2.953	59	59348	82.777	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45495	18.343	ug/l	85
13) Acrolein	2.233	56	62459	88.182	ug/l	99
14) Allyl chloride	2.666	41	72591	17.573	ug/l #	95
15) Acrylonitrile	3.062	53	136541	85.655	ug/l	99
16) Acetone	2.380	43	141435	88.021	ug/l	91
17) Carbon Disulfide	2.514	76	107823	17.339	ug/l	97
18) Methyl Acetate	2.703	43	99620	17.186	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	162521	17.813	ug/l	97
20) Methylene Chloride	2.788	84	56272	18.927	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	50982	18.511	ug/l	92
22) Diisopropyl ether	3.764	45	156440	18.181	ug/l	90
23) Vinyl Acetate	3.721	43	574169	90.719	ug/l	96
24) 1,1-Dichloroethane	3.611	63	93520	18.137	ug/l	99
25) 2-Butanone	4.556	43	190381	83.960	ug/l	91
26) 2,2-Dichloropropane	4.477	77	77562	18.616	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	62377	18.474	ug/l	90
28) Bromochloromethane	4.897	49	43447	18.062	ug/l #	81
29) Tetrahydrofuran	5.007	42	115054	81.573	ug/l #	87
30) Chloroform	5.099	83	101869	18.340	ug/l	99
31) Cyclohexane	5.471	56	78647	18.345	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	88889	18.900	ug/l	97
36) 1,1-Dichloropropene	5.696	75	72314	18.929	ug/l	97
37) Ethyl Acetate	4.715	43	73216	17.433	ug/l	97
38) Carbon Tetrachloride	5.684	117	75286	18.834	ug/l	99
39) Methylcyclohexane	7.385	83	90581	18.682	ug/l	94
40) Benzene	6.038	78	218658	18.612	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36974	17.266	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	78354	18.453	ug/l	96
43) Isopropyl Acetate	6.342	43	119133	17.740	ug/l	96
44) Trichloroethene	7.129	130	58187	17.785	ug/l	99
45) 1,2-Dichloropropane	7.434	63	56442	18.500	ug/l	97
46) Dibromomethane	7.580	93	40624	18.511	ug/l	90
47) Bromodichloromethane	7.824	83	76361	18.892	ug/l	97
48) Methyl methacrylate	7.696	41	56641	17.643	ug/l #	87
49) 1,4-Dioxane	7.659	88	29512	350.647	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	373758	87.720	ug/l	95
52) Toluene	8.720	92	141517	18.691	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	79225	18.746	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87657	18.741	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	58236	18.243	ug/l	94
56) Ethyl methacrylate	9.116	69	85332	17.906	ug/l	91
57) 1,3-Dichloropropane	9.311	76	95956	18.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	195996	88.078	ug/l	98
59) 2-Hexanone	9.427	43	290008	87.418	ug/l	94
60) Dibromochloromethane	9.519	129	58881	18.516	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63717	18.852	ug/l	100
64) Tetrachloroethene	9.275	164	49654	18.334	ug/l	97
65) Chlorobenzene	10.079	112	155471	18.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55844	18.396	ug/l	97
67) Ethyl Benzene	10.195	91	276053	18.588	ug/l	99
68) m/p-Xylenes	10.299	106	214764	37.424	ug/l	96
69) o-Xylene	10.640	106	104082	18.087	ug/l	100
70) Styrene	10.659	104	175038	18.947	ug/l	96
71) Bromoform	10.799	173	42728	17.818	ug/l #	100
73) Isopropylbenzene	10.963	105	279920	17.876	ug/l	99
74) N-amyl acetate	10.842	43	106727	16.830	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	94075	17.083	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81329m	16.475	ug/l	
77) Bromobenzene	11.201	156	68549	17.687	ug/l	89
78) n-propylbenzene	11.305	91	327516	18.520	ug/l	100
79) 2-Chlorotoluene	11.366	91	192251	17.632	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	235952	17.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24897	16.156	ug/l	94
82) 4-Chlorotoluene	11.457	91	222771	18.148	ug/l	96
83) tert-Butylbenzene	11.713	119	239174	17.896	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	235999	17.937	ug/l	98
85) sec-Butylbenzene	11.890	105	302626	18.664	ug/l	99
86) p-Isopropyltoluene	12.012	119	252890	18.720	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	132166	18.294	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	132953	17.984	ug/l	98
89) n-Butylbenzene	12.335	91	231418	19.555	ug/l	97
90) Hexachloroethane	12.536	117	40759	17.808	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	132210	17.924	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18683	17.019	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	86739	19.963	ug/l	95
94) Hexachlorobutadiene	13.725	225	39535	19.485	ug/l	97
95) Naphthalene	13.774	128	271467	18.474	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84417	18.879	ug/l	97

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ClientSampleId :
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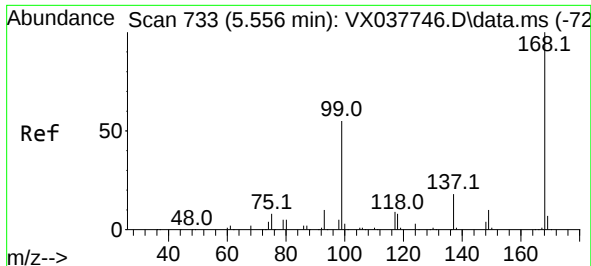
Manual Integrations
APPROVED

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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

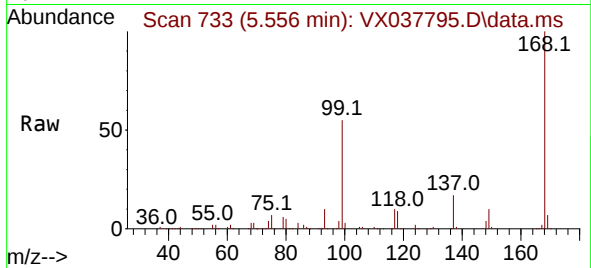
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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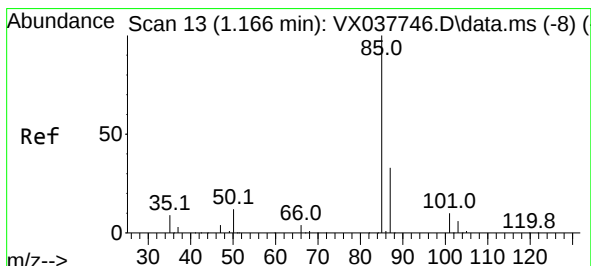
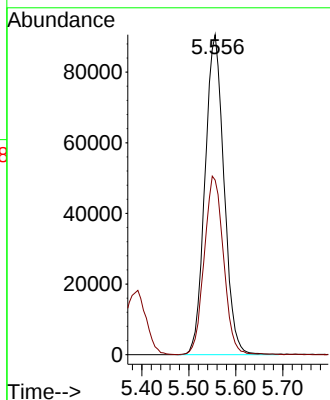
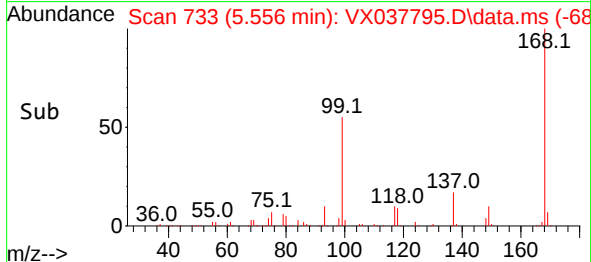
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 254230
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0

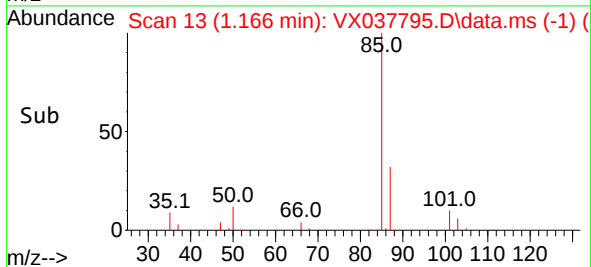
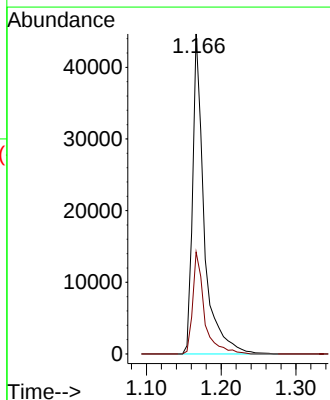
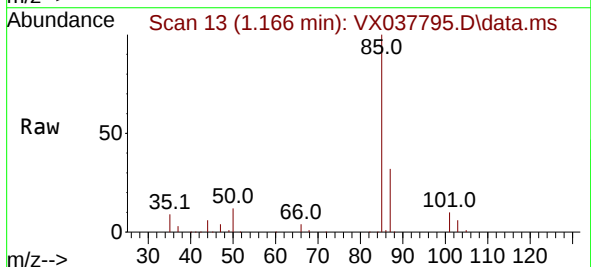
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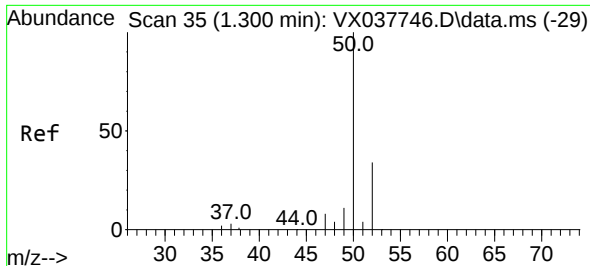
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#2
Dichlorodifluoromethane
Concen: 17.897 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

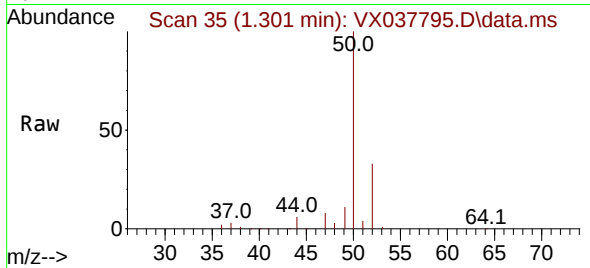
Tgt Ion: 85 Resp: 47958
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 17.616 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

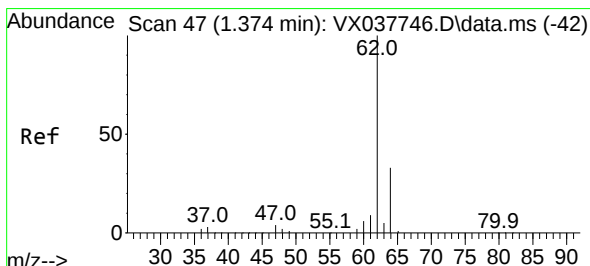
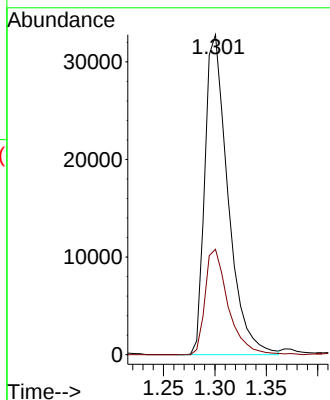
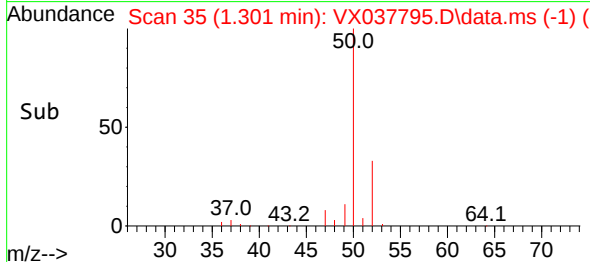
Instrument :
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ClientSampleId :
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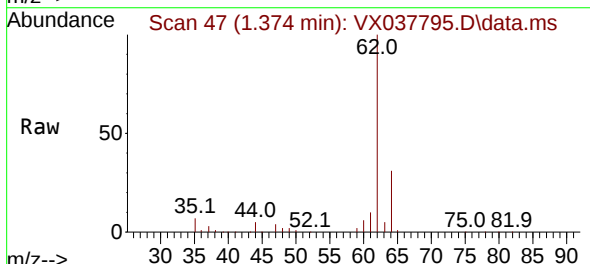
Tgt Ion: 50 Resp: 51360
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

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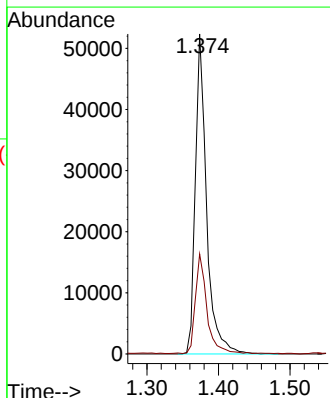
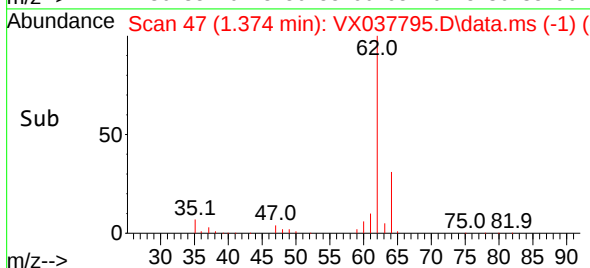
Reviewed By :John Carlone 09/20/2023
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#4
Vinyl Chloride
Concen: 18.110 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



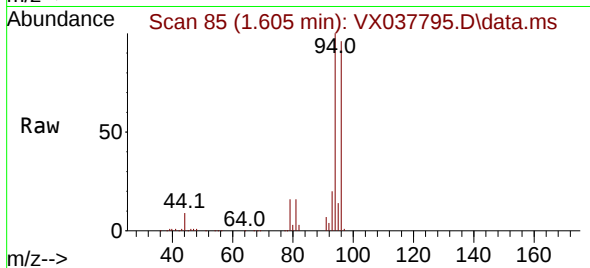
Tgt Ion: 62 Resp: 56964
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 18.991 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

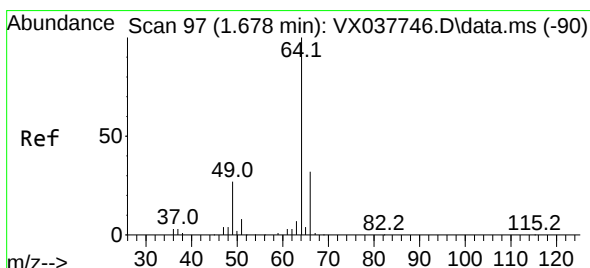
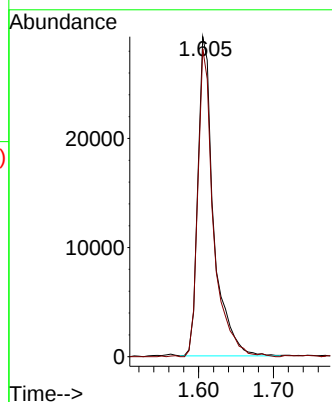
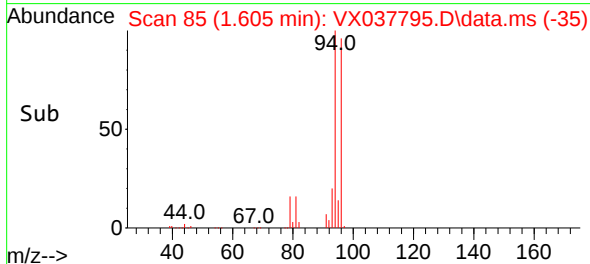
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 42764
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8

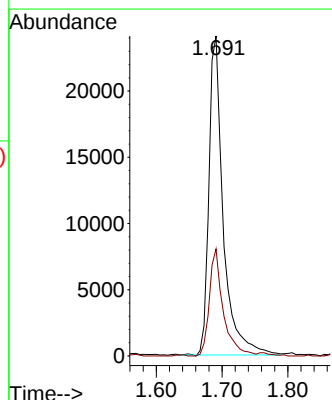
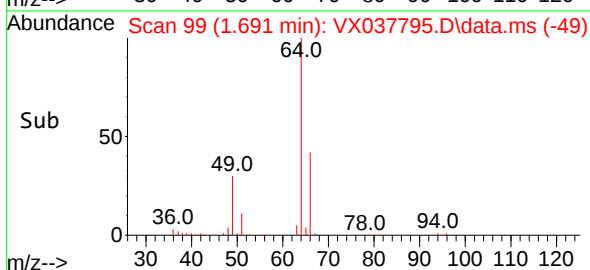
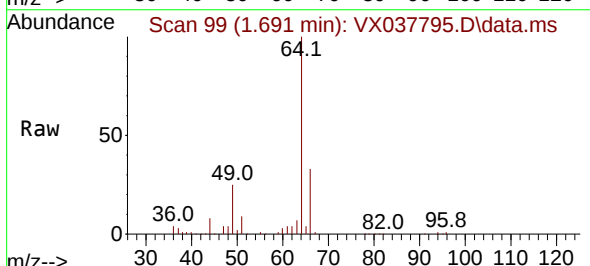
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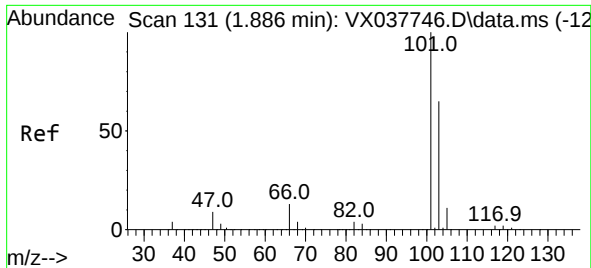
Reviewed By :John Carlone 09/20/2023
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#6
Chloroethane
Concen: 16.812 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 64 Resp: 36429
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





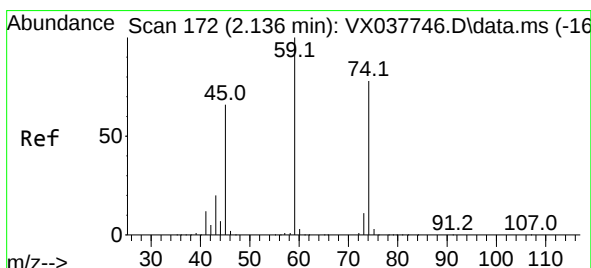
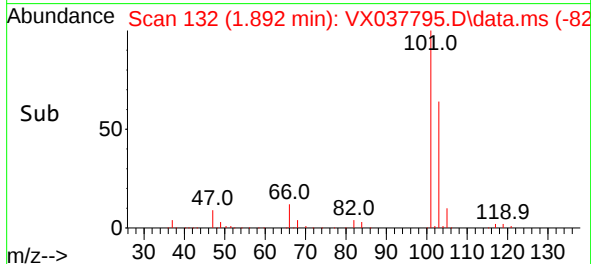
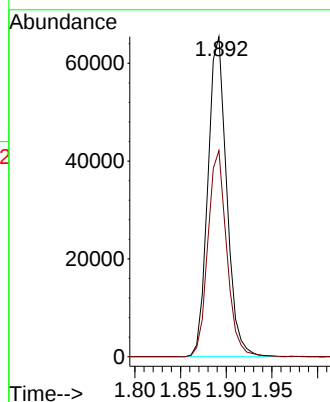
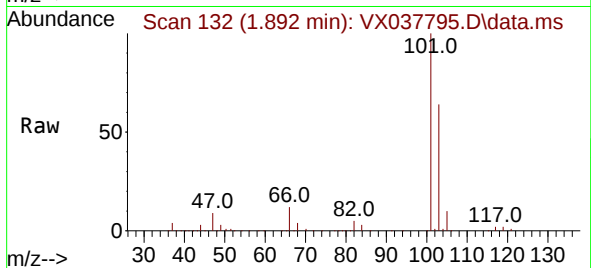
#7
Trichlorofluoromethane
Concen: 18.491 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion:101 Resp: 93504
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

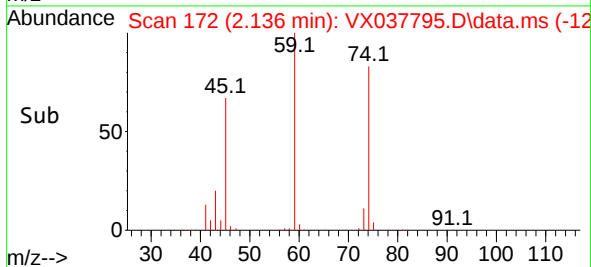
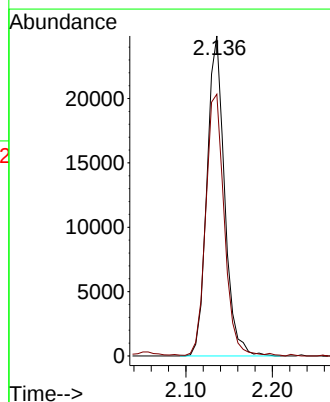
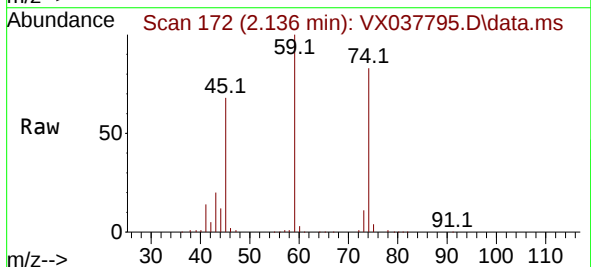
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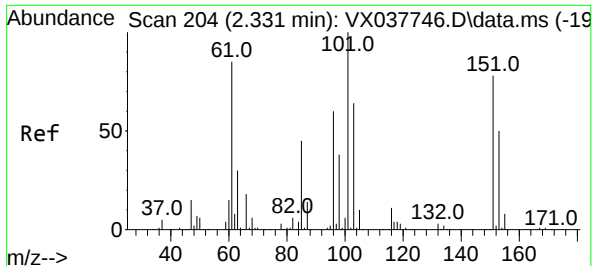
Reviewed By :John Carlone 09/20/2023
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#8
Diethyl Ether
Concen: 17.874 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 74 Resp: 35018
Ion Ratio Lower Upper
74 100
45 85.6 53.3 159.8





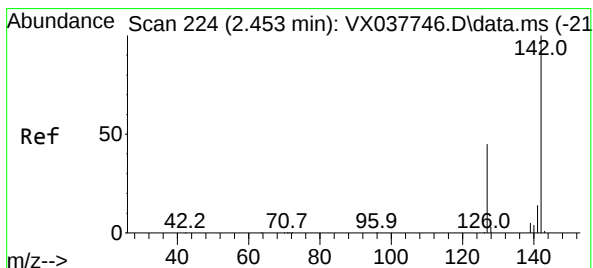
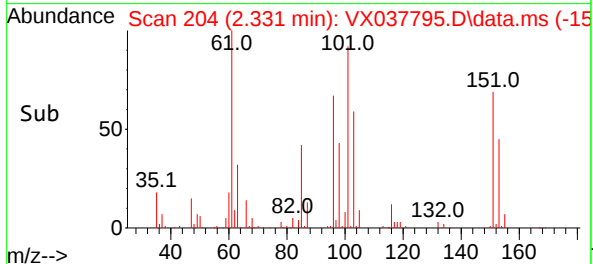
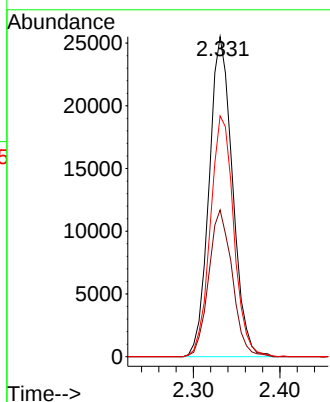
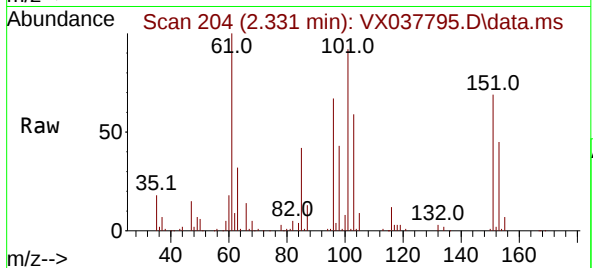
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.659 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion:101 Resp: 47885
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 75.5 58.6 87.8

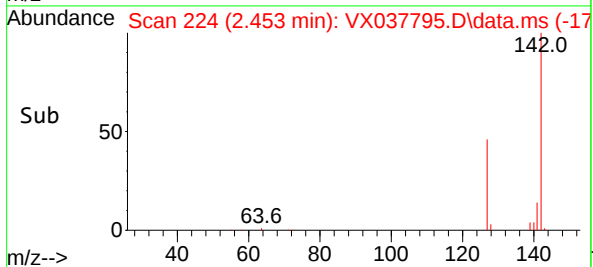
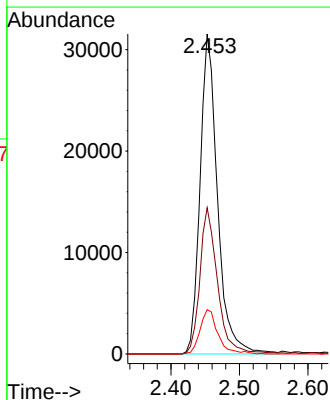
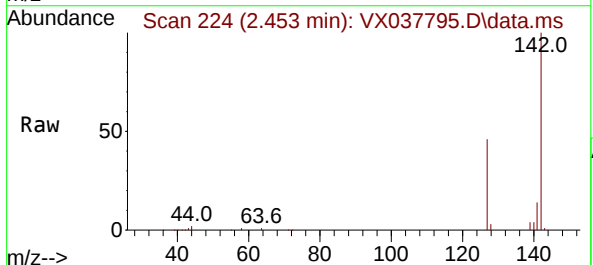
Manual Integrations
APPROVED

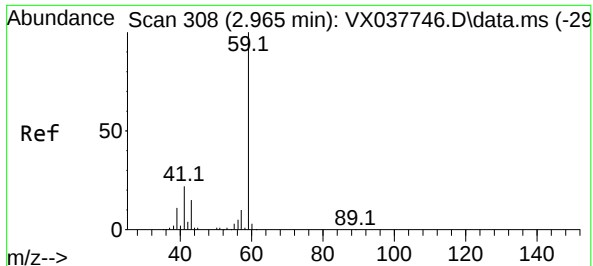
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#10
Methyl Iodide
Concen: 16.458 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion:142 Resp: 55895
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.777 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 59 Resp: 5934

Ion Ratio Lower Upper

59 100

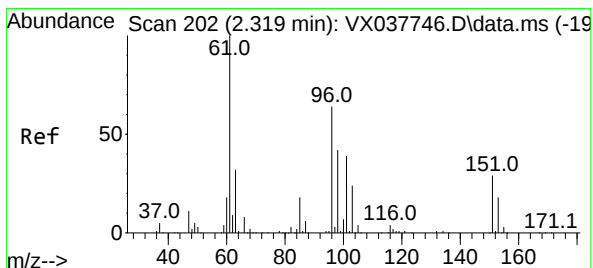
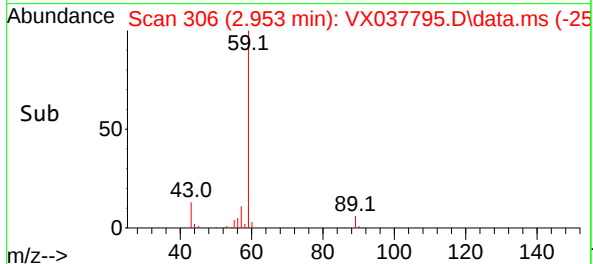
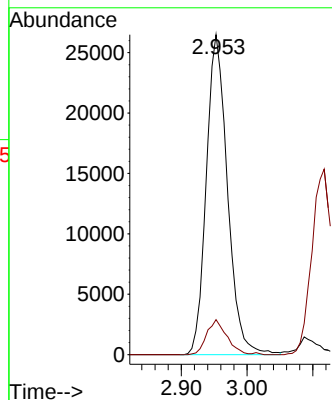
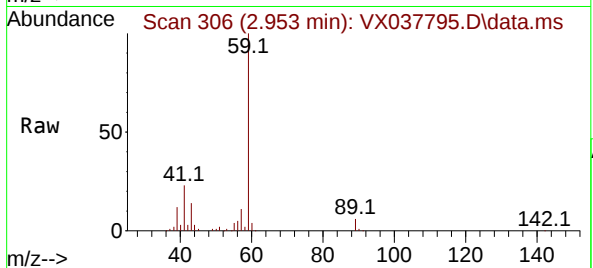
57 10.4 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#12

1,1-Dichloroethene

Concen: 18.343 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

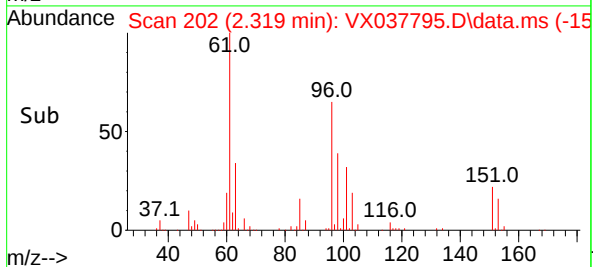
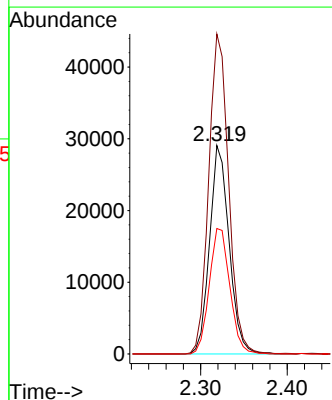
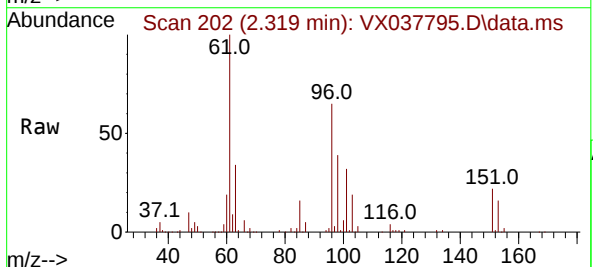
Tgt Ion: 96 Resp: 45495

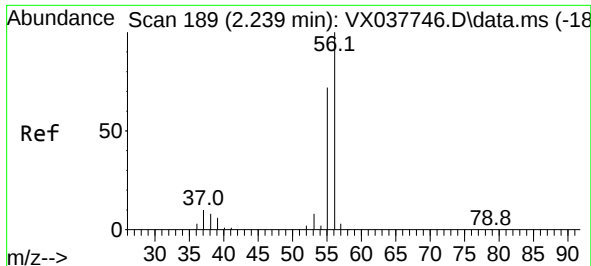
Ion Ratio Lower Upper

96 100

61 153.5 144.6 216.8

98 60.1 50.4 75.6





#13

Acrolein

Concen: 88.182 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 56 Resp: 62459

Ion Ratio Lower Upper

56 100

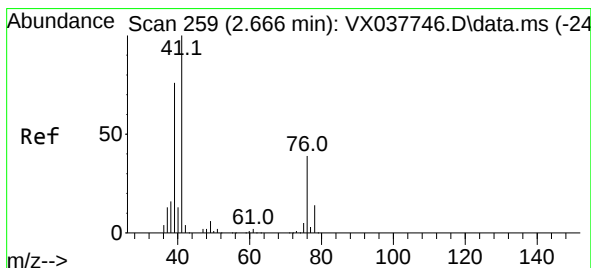
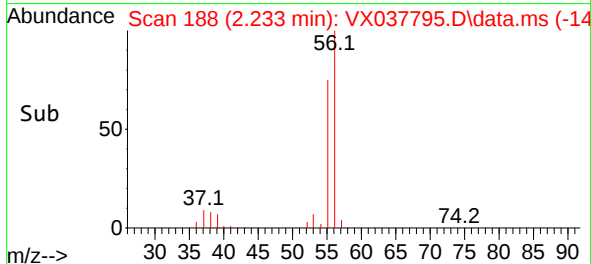
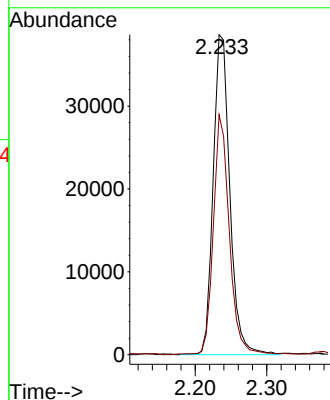
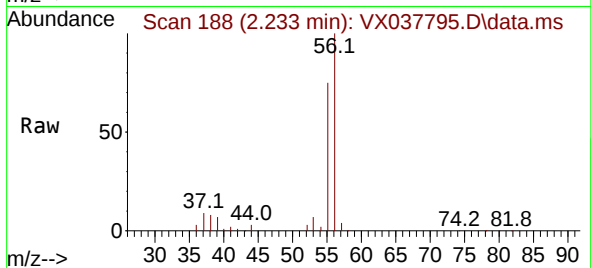
55 72.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#14

Allyl chloride

Concen: 17.573 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

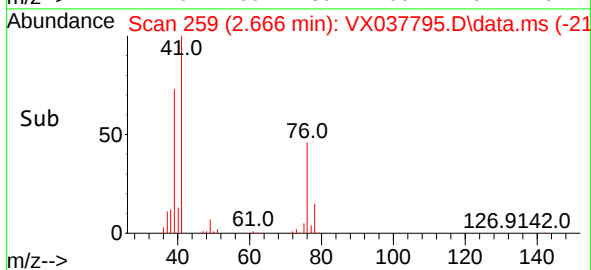
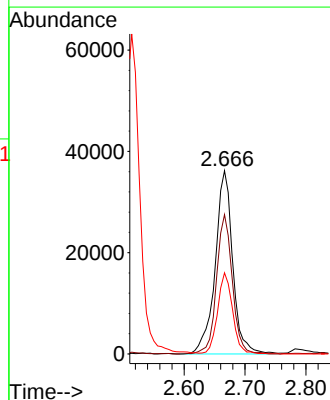
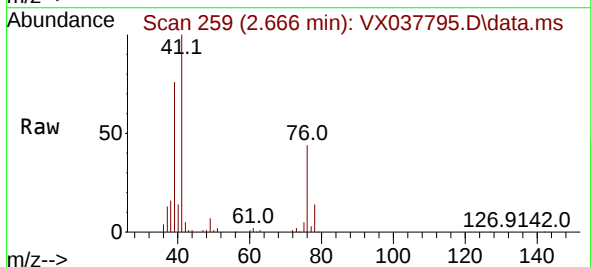
Tgt Ion: 41 Resp: 72591

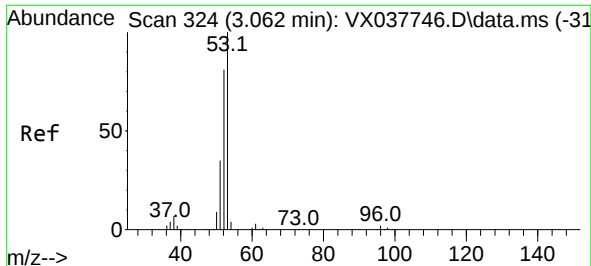
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.6

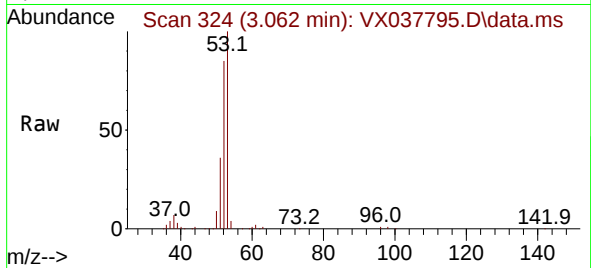
76 37.6 24.3 36.5





#15
Acrylonitrile
Concen: 85.655 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

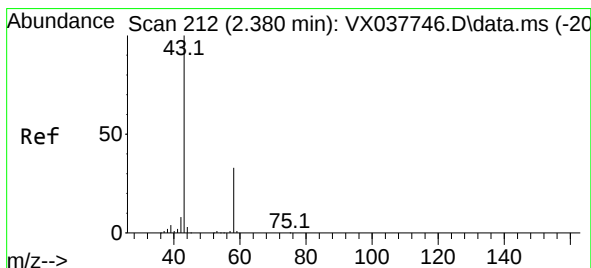
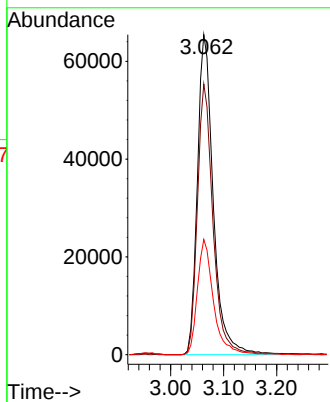
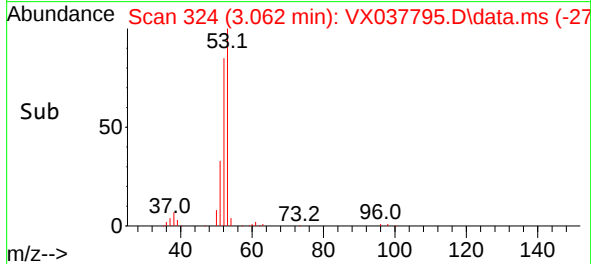
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 53 Resp: 13654
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.5 29.8 44.6

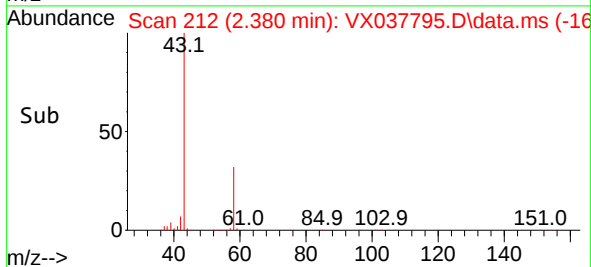
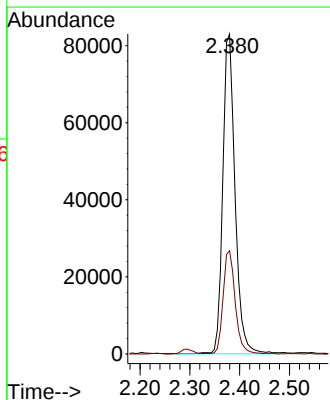
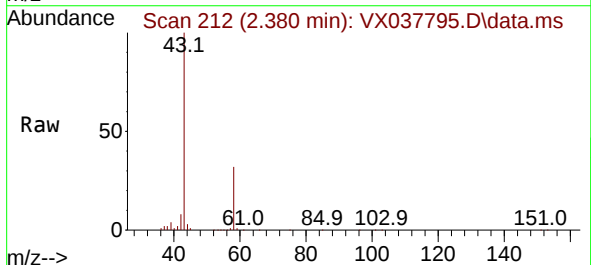
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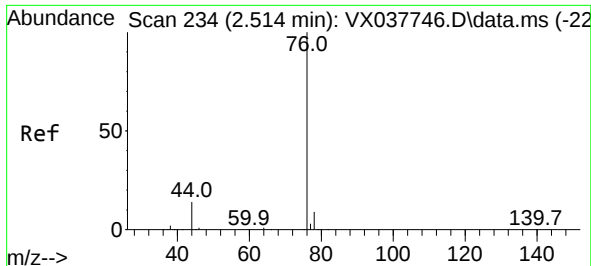
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#16
Acetone
Concen: 88.021 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 43 Resp: 141435
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





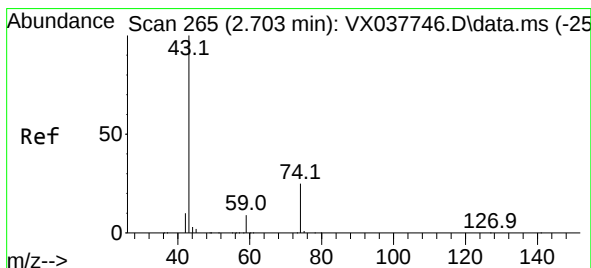
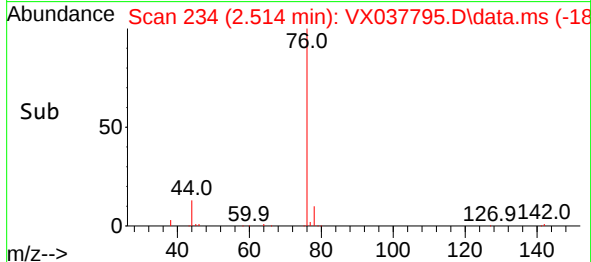
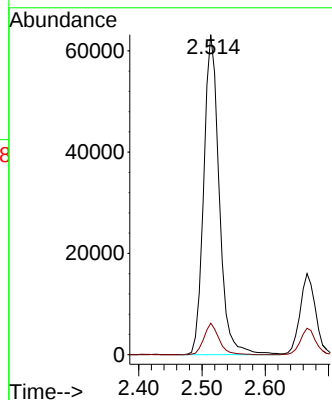
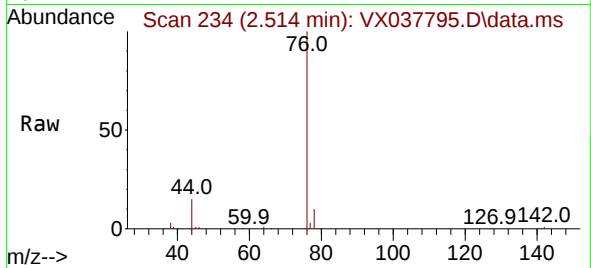
#17
Carbon Disulfide
Concen: 17.339 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion: 76 Resp: 10782
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

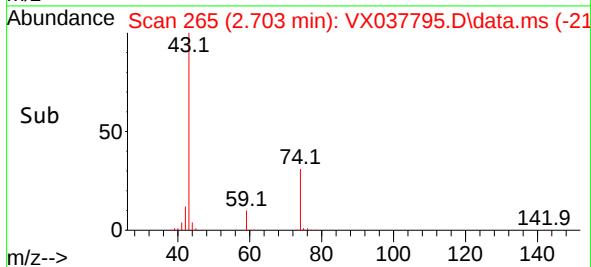
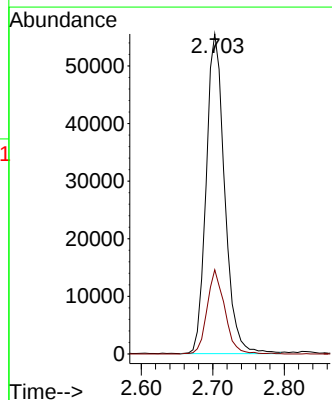
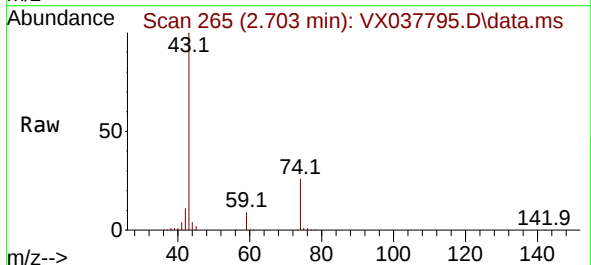
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#18
Methyl Acetate
Concen: 17.186 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 43 Resp: 99620
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8





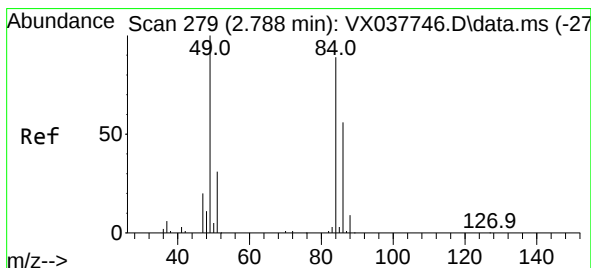
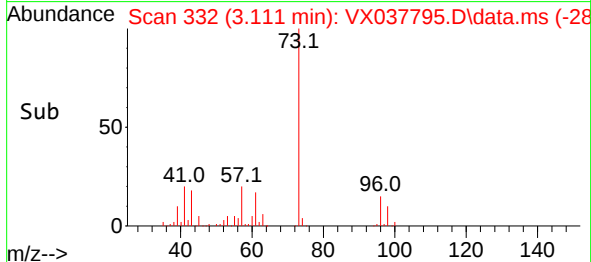
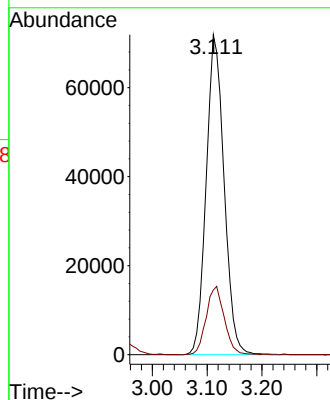
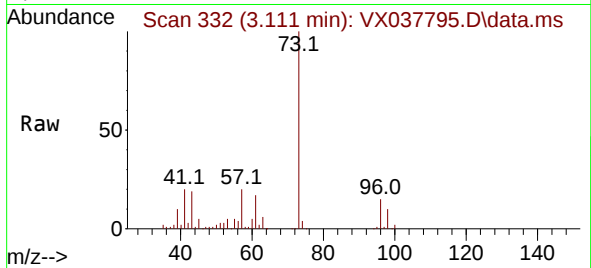
#19
Methyl tert-butyl Ether
Concen: 17.813 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion: 73 Resp: 16252
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9

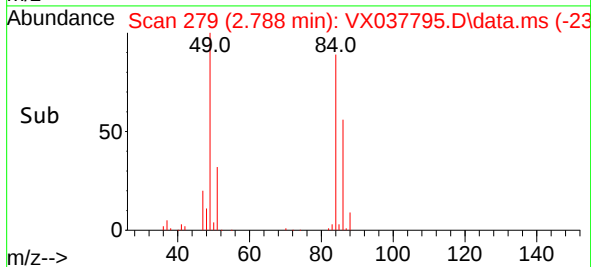
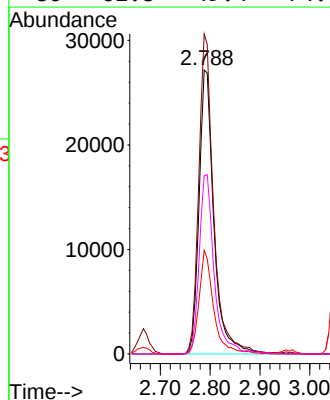
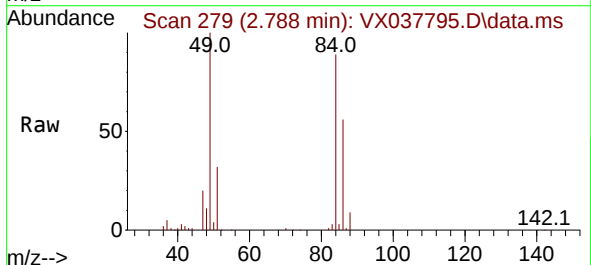
Manual Integrations
APPROVED

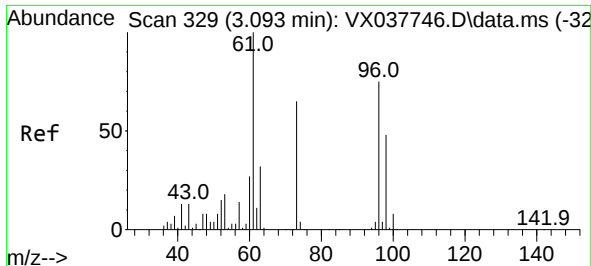
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#20
Methylene Chloride
Concen: 18.927 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

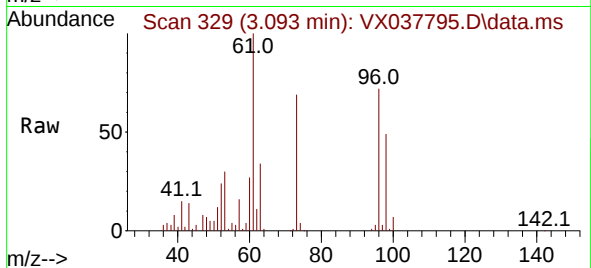
Tgt Ion: 84 Resp: 56272
Ion Ratio Lower Upper
84 100
49 112.7 103.6 155.4
51 36.4 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

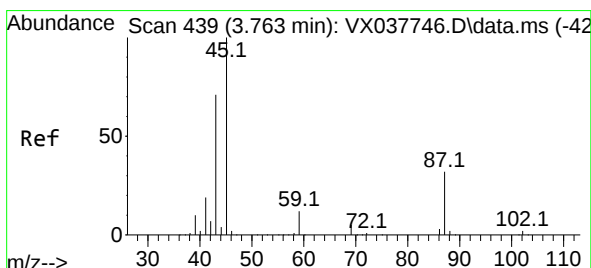
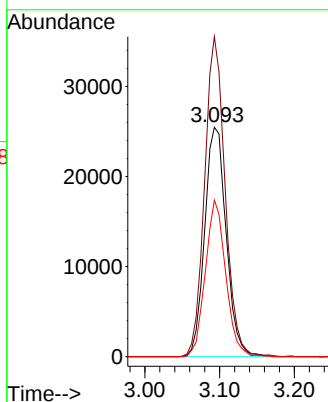
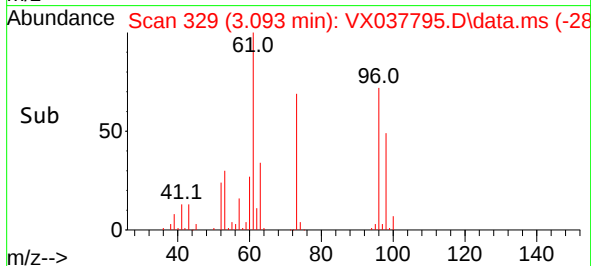
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



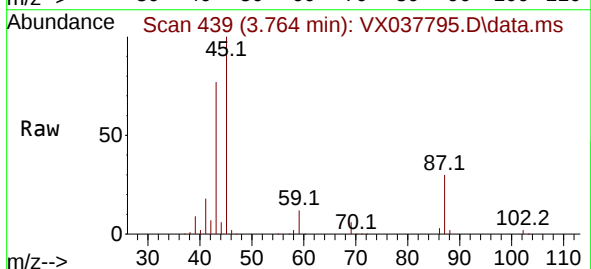
Tgt Ion: 96 Resp: 5098
Ion Ratio Lower Upper
96 100
61 139.4 119.2 178.8
98 68.3 48.7 73.1

Manual Integrations
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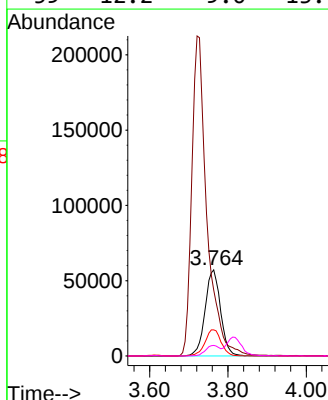
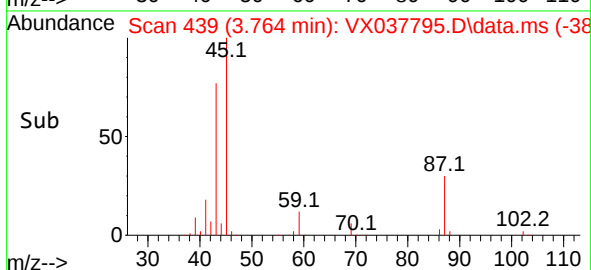
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

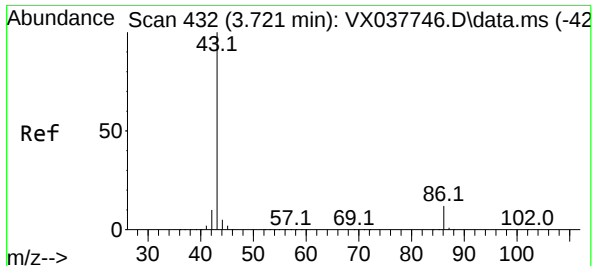


#22
Diisopropyl ether
Concen: 18.181 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion: 45 Resp: 156440
Ion Ratio Lower Upper
45 100
43 76.5 69.7 104.5
87 30.3 20.8 31.2
59 12.2 9.0 13.4





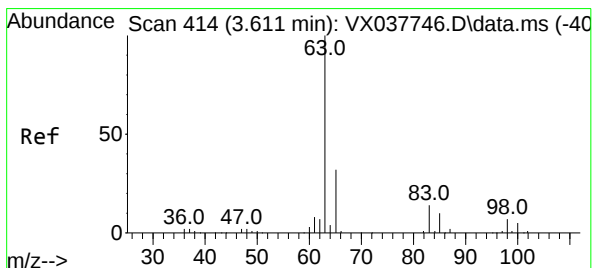
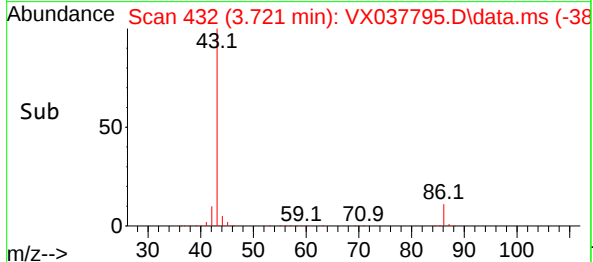
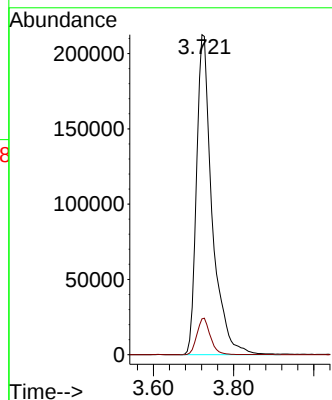
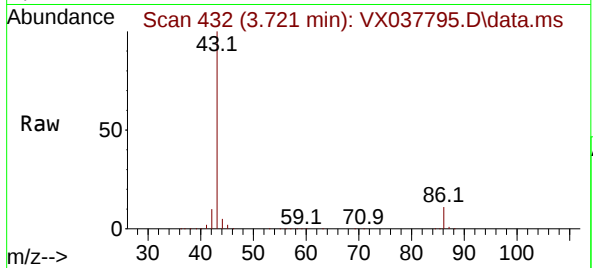
#23
 Vinyl Acetate
 Concen: 90.719 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tgt Ion: 43 Resp: 574169
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

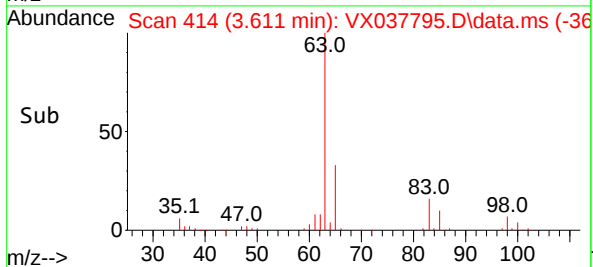
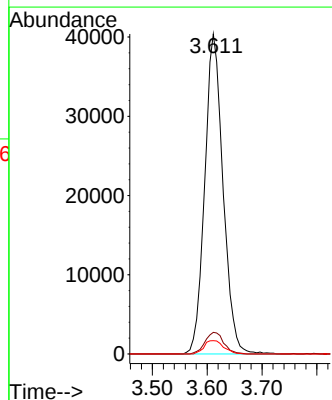
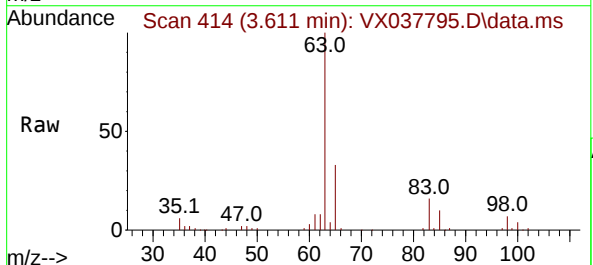
Manual Integrations
 APPROVED

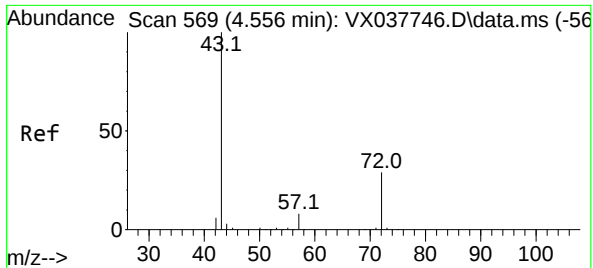
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023



#24
 1,1-Dichloroethane
 Concen: 18.137 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

Tgt Ion: 63 Resp: 93520
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.1 6.5





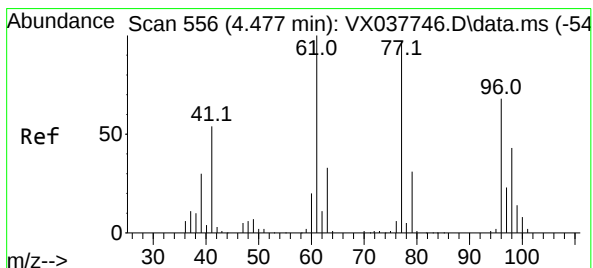
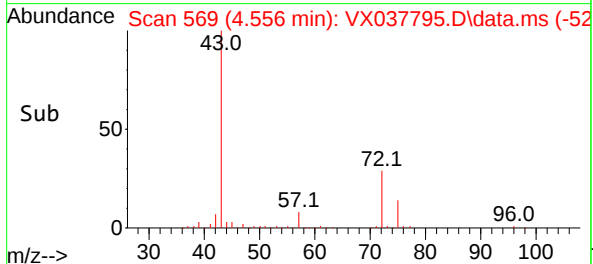
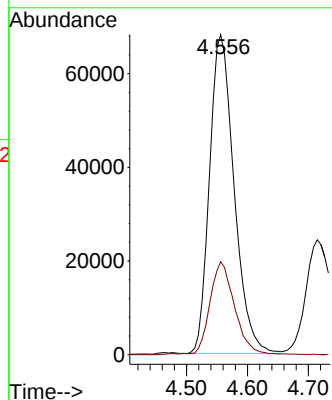
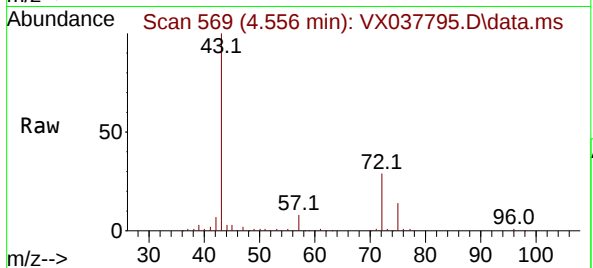
#25
2-Butanone
Concen: 83.960 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion: 43 Resp: 19038
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

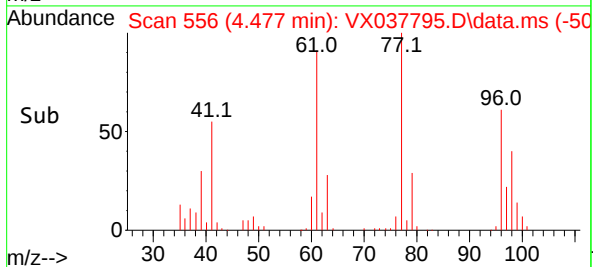
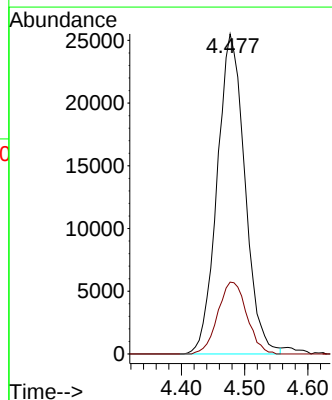
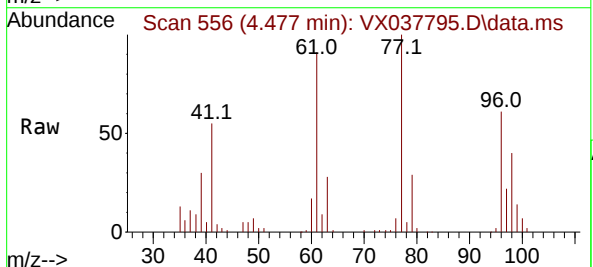
Manual Integrations
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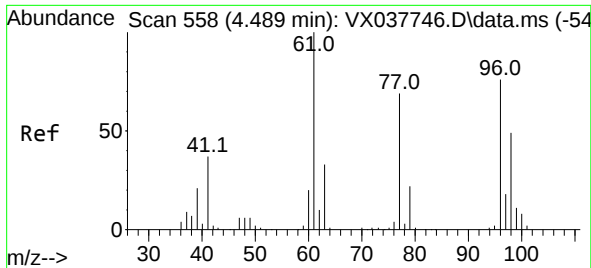
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#26
2,2-Dichloropropane
Concen: 18.616 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 77 Resp: 77562
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.474 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 96 Resp: 6237

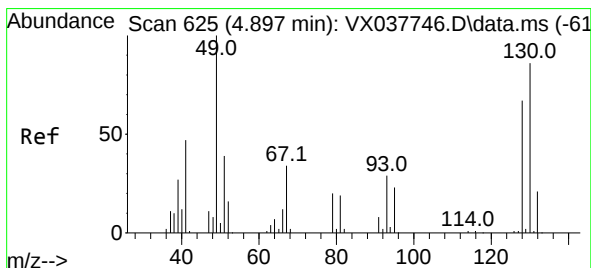
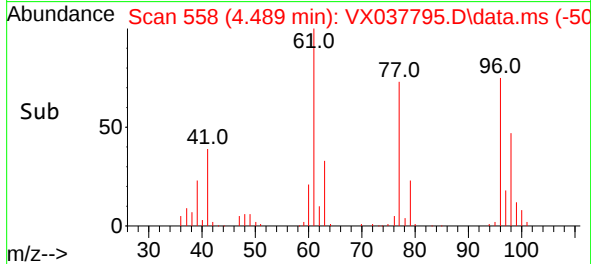
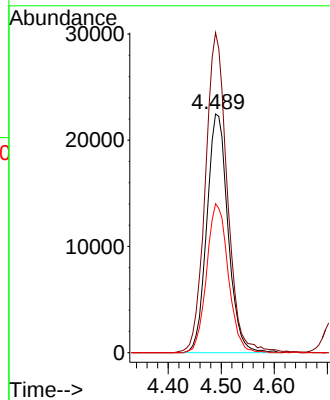
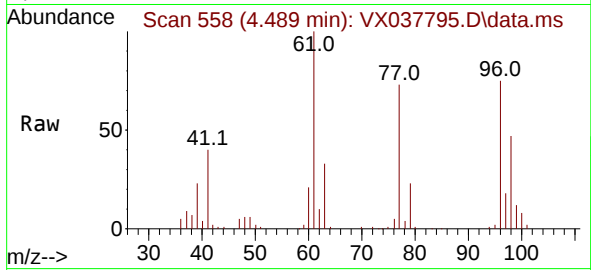
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	312.2
98	63.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#28

Bromochloromethane

Concen: 18.062 ug/l

RT: 4.897 min Scan# 625

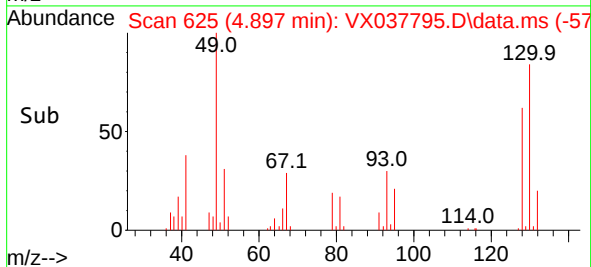
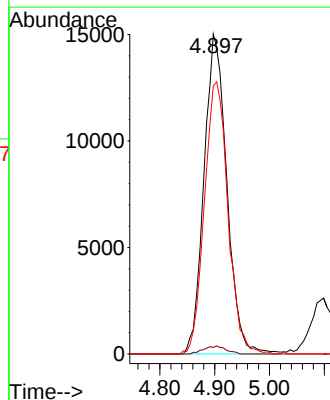
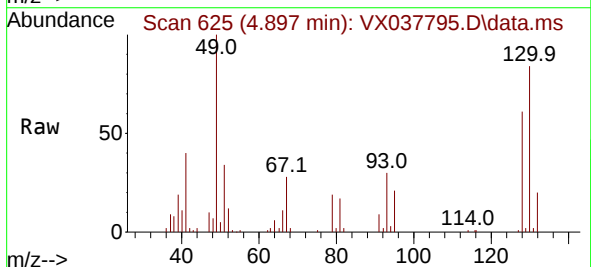
Delta R.T. -0.006 min

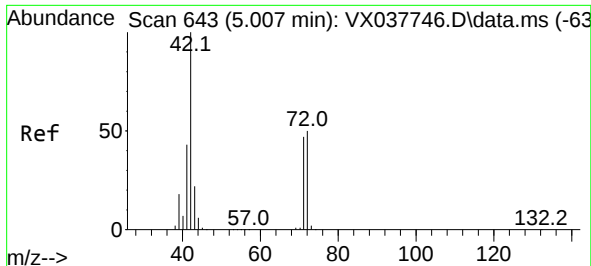
Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion: 49 Resp: 43447

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	87.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 81.573 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037795.D

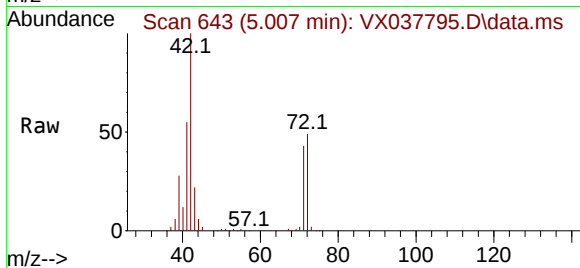
Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01



Tgt Ion: 42 Resp: 115054

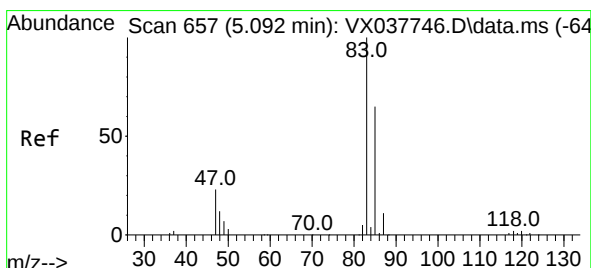
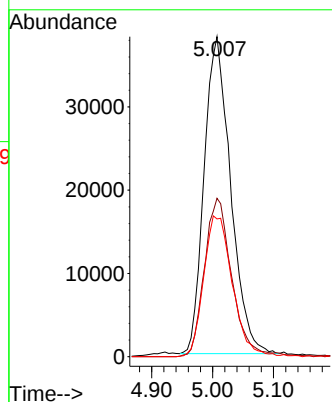
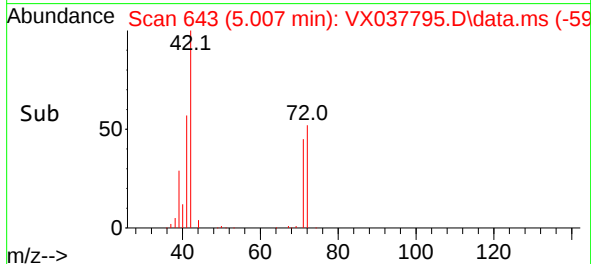
Ion	Ratio	Lower	Upper
42	100		
72	51.8	34.2	51.4
71	47.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#30

Chloroform

Concen: 18.340 ug/l

RT: 5.099 min Scan# 658

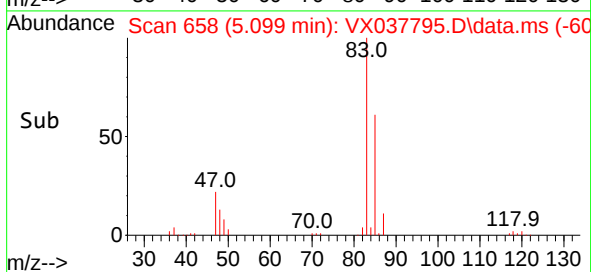
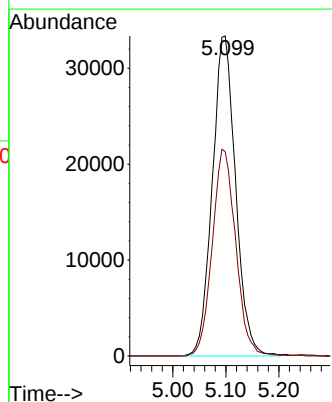
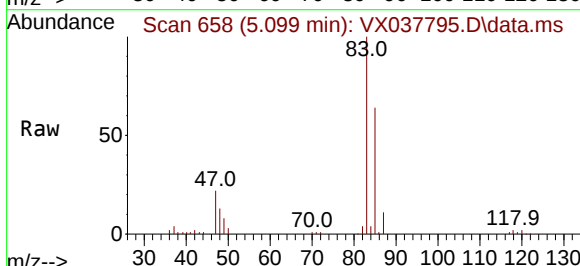
Delta R.T. 0.006 min

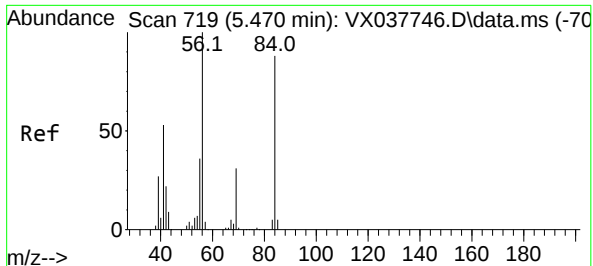
Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion: 83 Resp: 101869

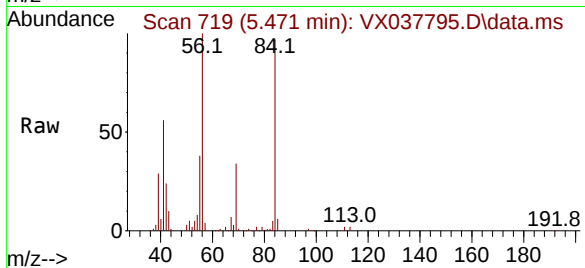
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.3	75.5





#31
Cyclohexane
Concen: 18.345 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

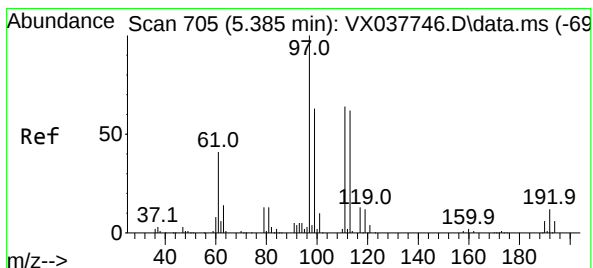
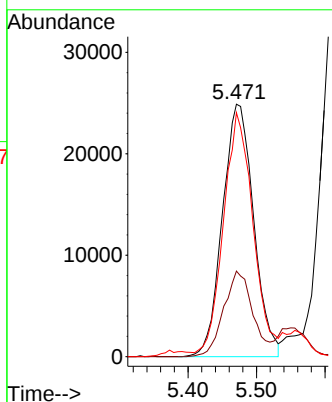
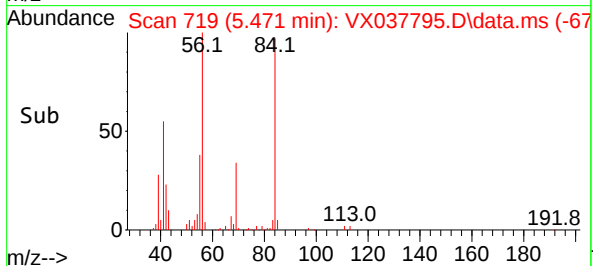
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



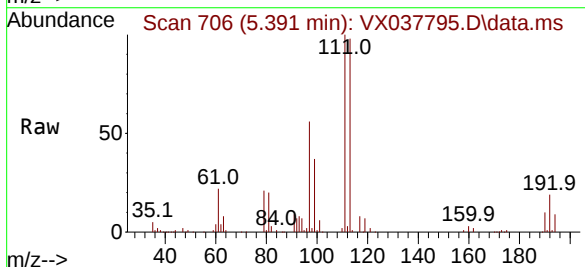
Tgt Ion: 56 Resp: 7864
Ion Ratio Lower Upper
56 100
69 33.9 23.4 35.2
84 94.6 65.9 98.9

Manual Integrations
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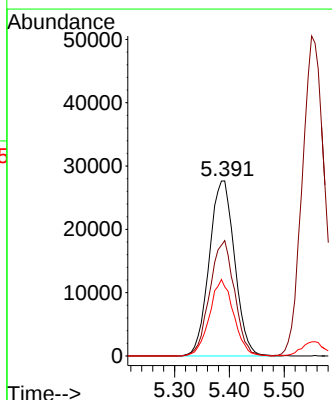
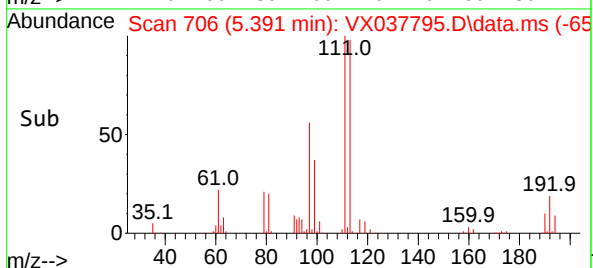
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.900 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion: 97 Resp: 88889
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.377 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 65 Resp: 168268

Ion Ratio Lower Upper

65 100

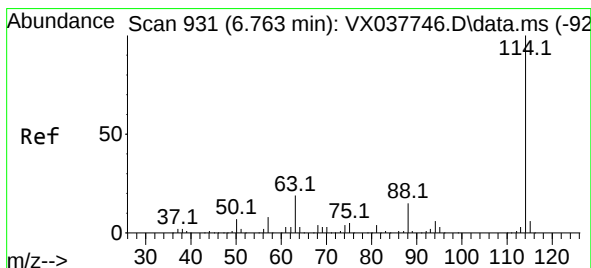
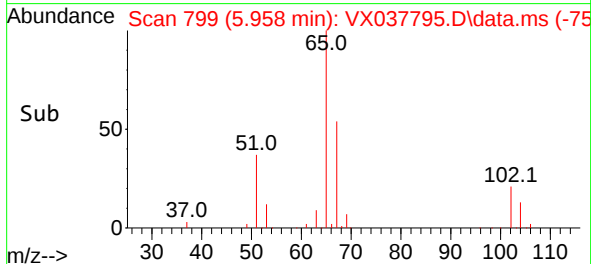
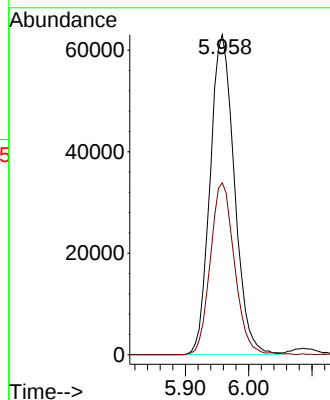
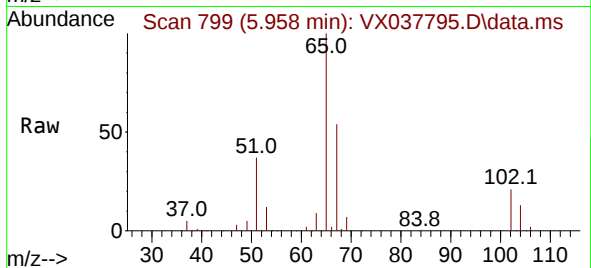
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

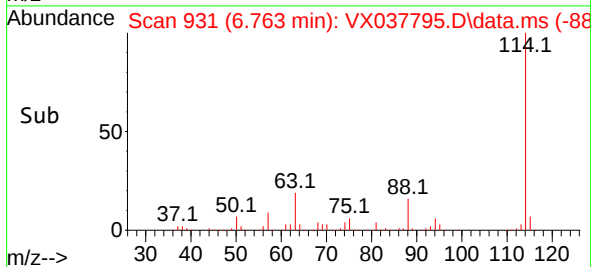
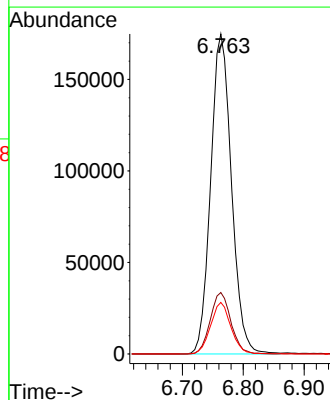
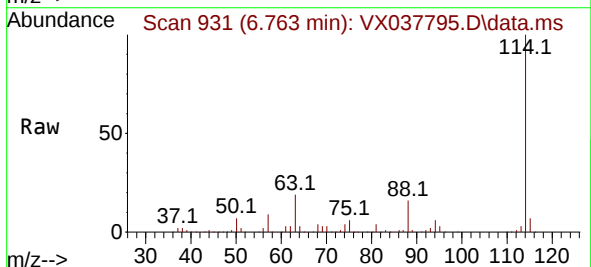
Tgt Ion:114 Resp: 414475

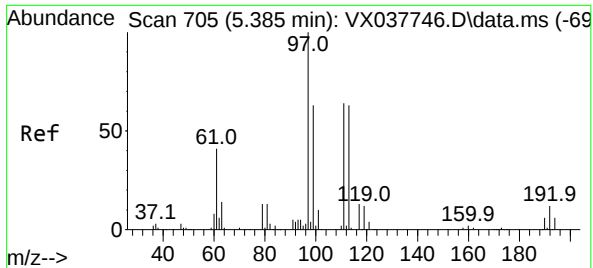
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

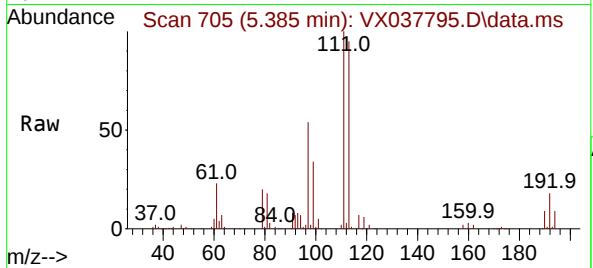
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.376 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

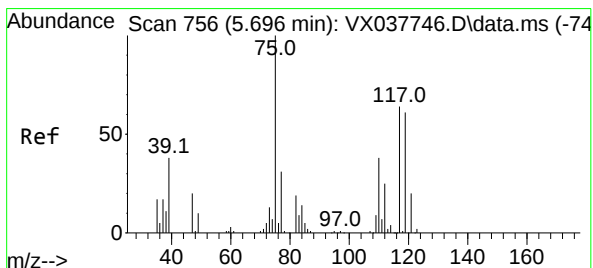
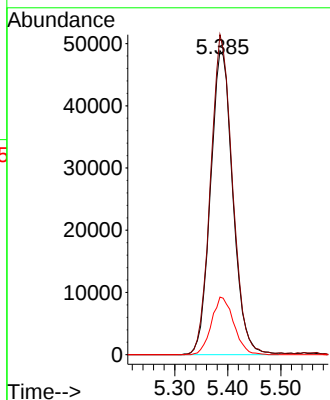
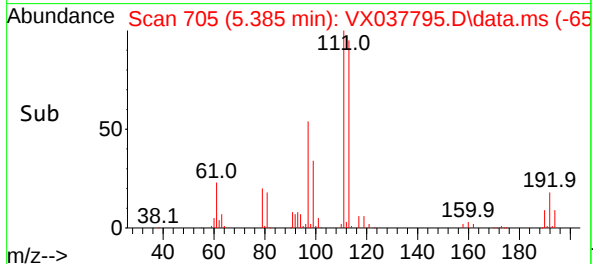
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 113 Resp: 142480
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.0 13.3 19.9

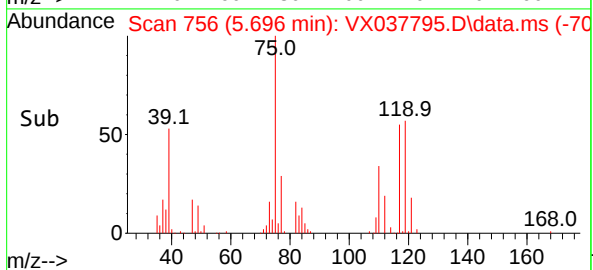
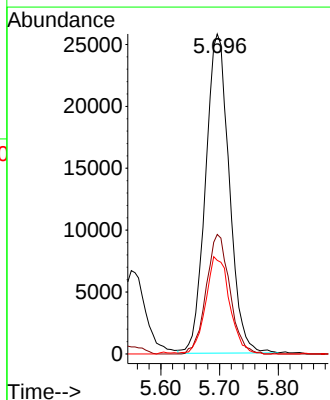
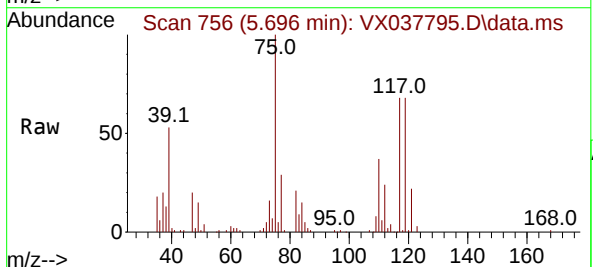
Manual Integrations
APPROVED

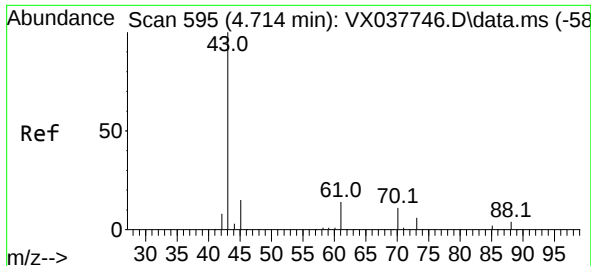
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#36
1,1-Dichloropropene
Concen: 18.929 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 75 Resp: 72314
Ion Ratio Lower Upper
75 100
110 37.3 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 17.433 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 43 Resp: 73210

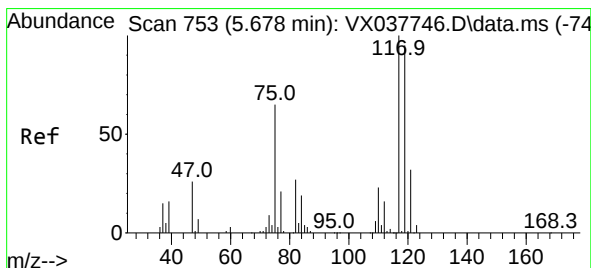
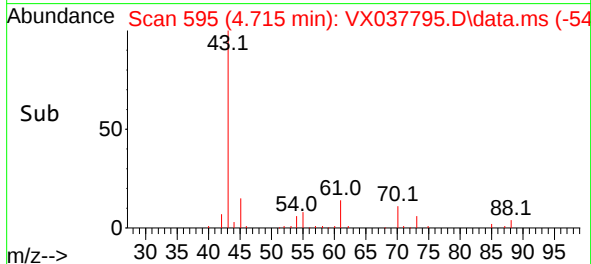
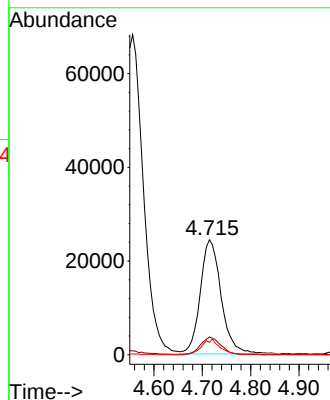
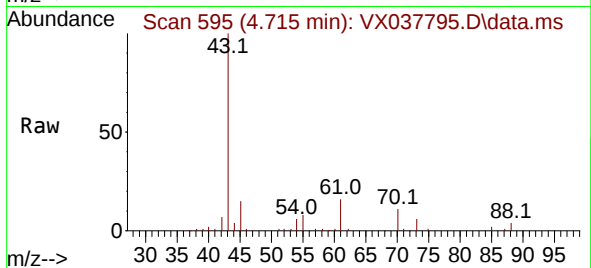
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	11.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#38

Carbon Tetrachloride

Concen: 18.834 ug/l

RT: 5.684 min Scan# 754

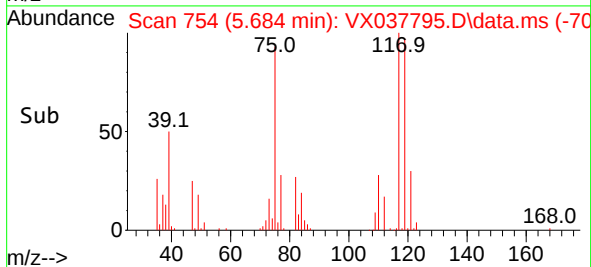
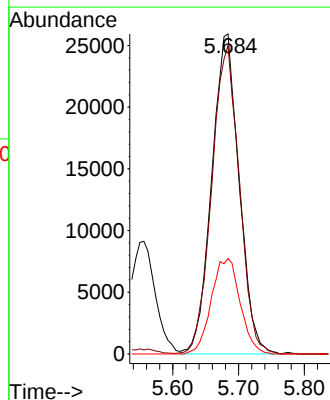
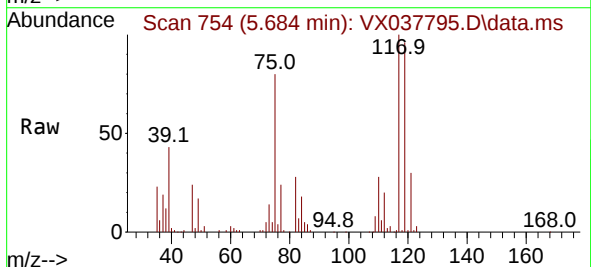
Delta R.T. 0.006 min

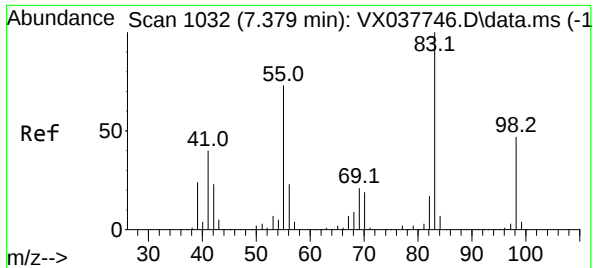
Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion: 117 Resp: 75286

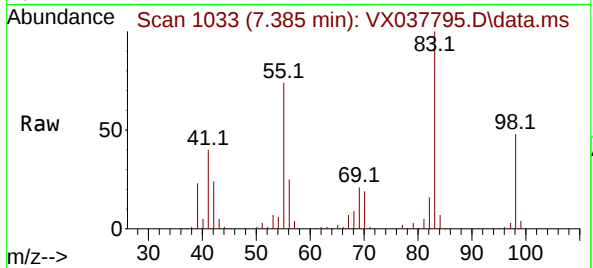
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.2
121	29.9	24.4	36.6





#39
Methylcyclohexane
Concen: 18.682 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

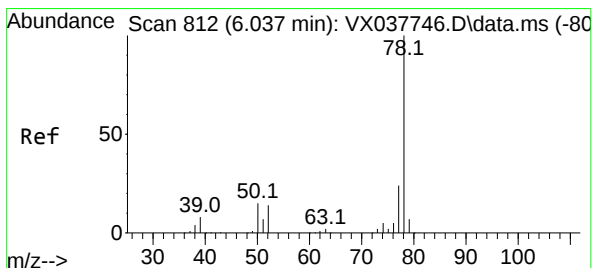
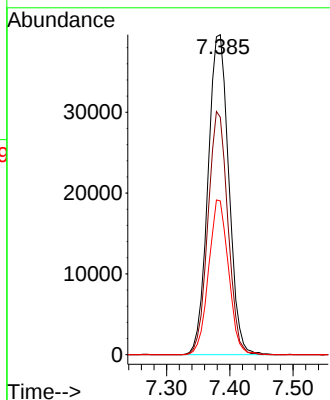
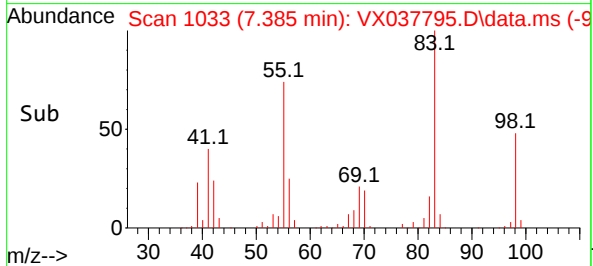
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 83 Resp: 9058
Ion Ratio Lower Upper
83 100
55 74.2 64.6 97.0
98 48.1 36.7 55.1

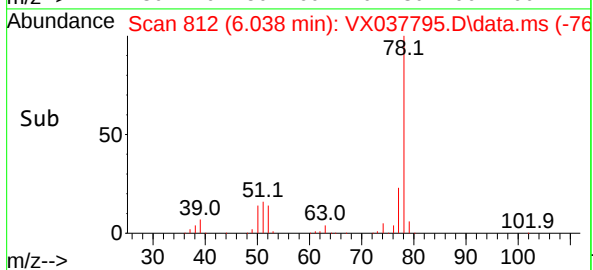
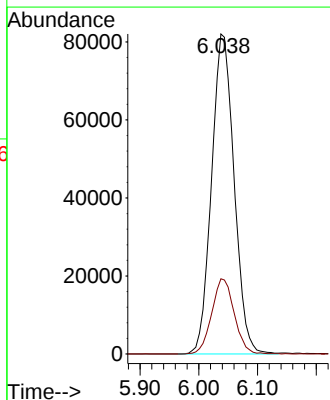
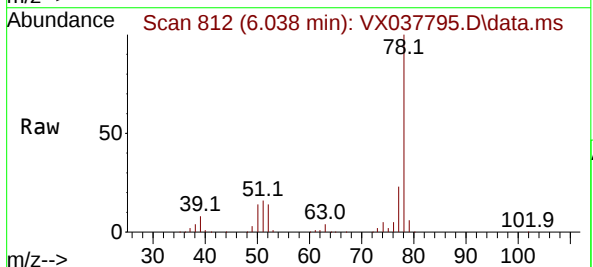
Manual Integrations
APPROVED

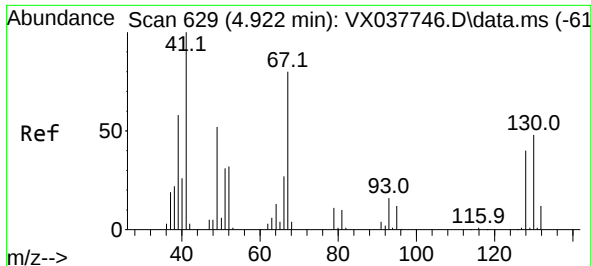
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#40
Benzene
Concen: 18.612 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

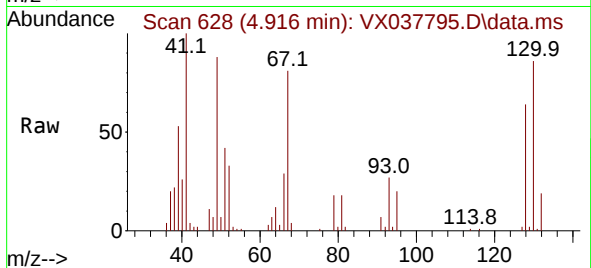
Tgt Ion: 78 Resp: 218658
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 17.266 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

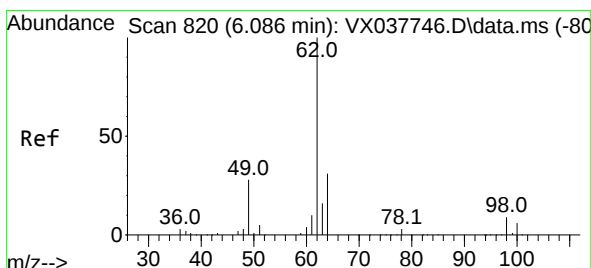
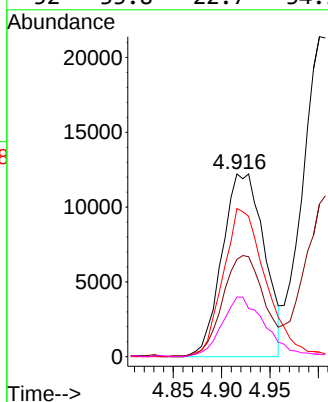
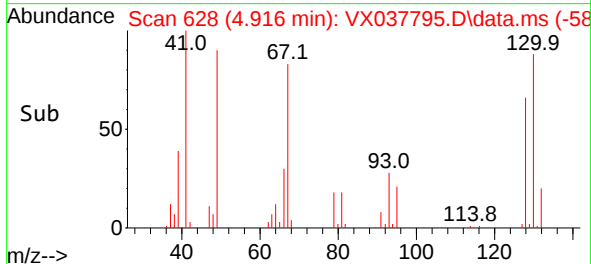
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 41 Resp: 36974
Ion Ratio Lower Upper
41 100
39 54.5 45.2 67.8
67 83.1 52.6 78.8
52 33.8 22.7 34.1

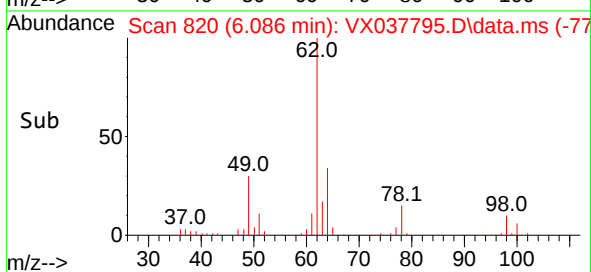
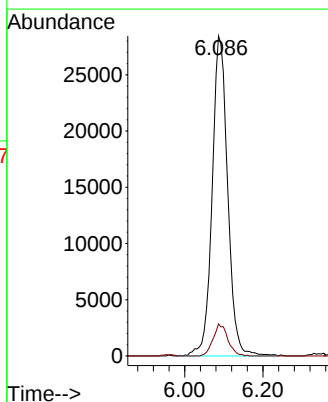
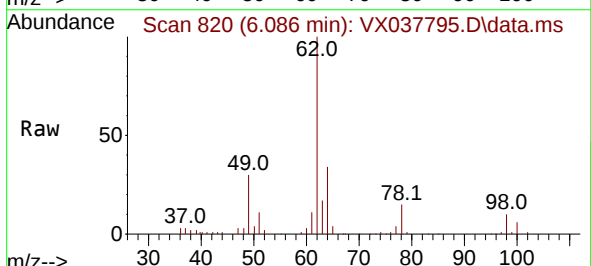
Manual Integrations
APPROVED

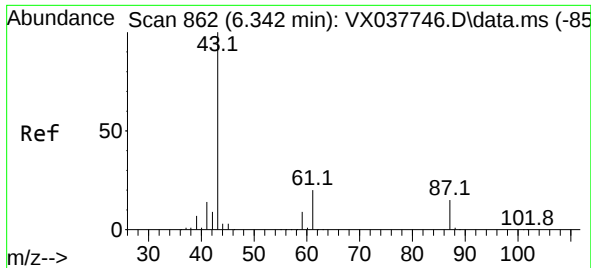
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#42
1,2-Dichloroethane
Concen: 18.453 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 62 Resp: 78354
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 17.740 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

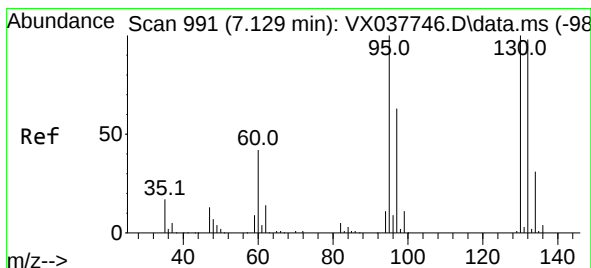
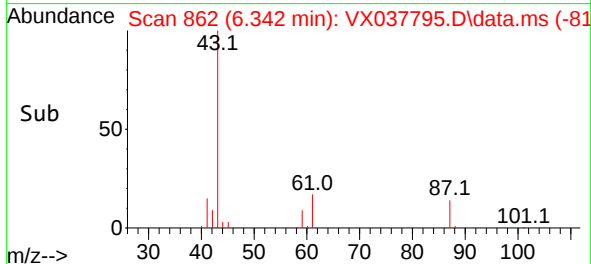
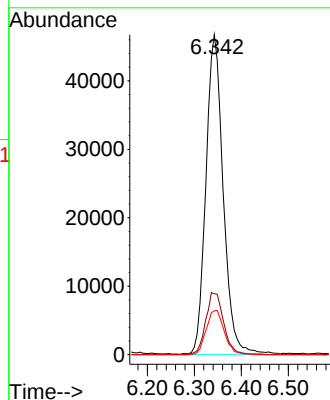
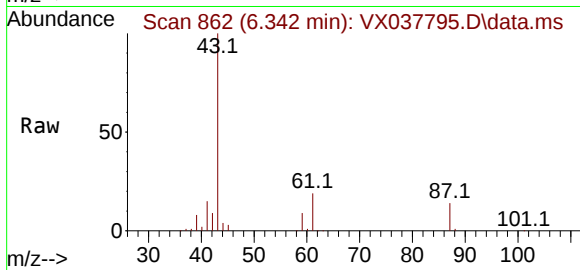
Tgt Ion:	43	Resp:	11913
Ion Ratio	Lower	Upper	
43	100		
61	20.0	15.2	22.8
87	14.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#44

Trichloroethene

Concen: 17.785 ug/l

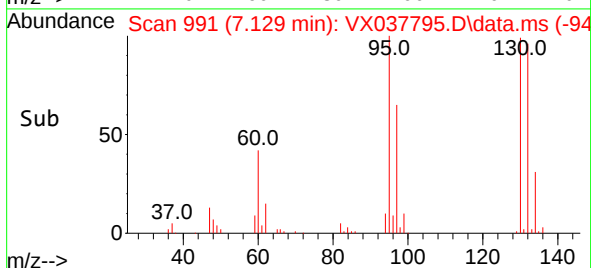
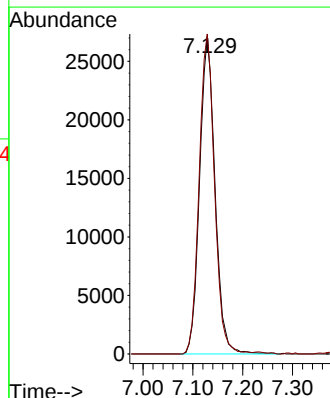
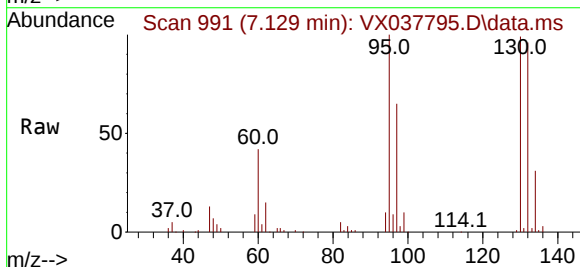
RT: 7.129 min Scan# 991

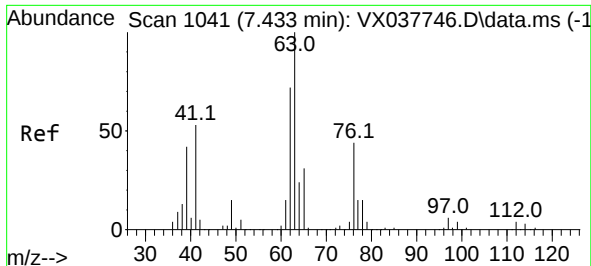
Delta R.T. -0.006 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion:	130	Resp:	58187
Ion Ratio	Lower	Upper	
130	100		
95	100.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 18.500 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 63 Resp: 5644

Ion Ratio Lower Upper

63 100

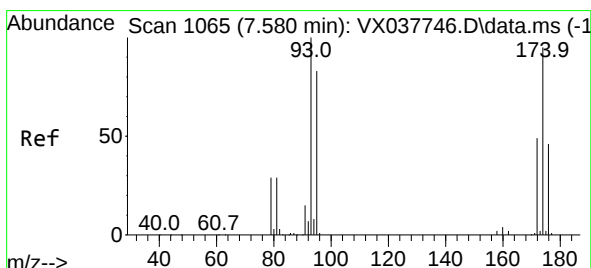
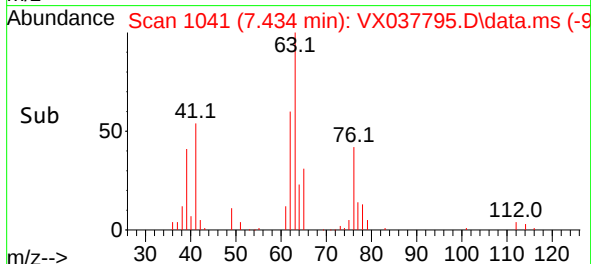
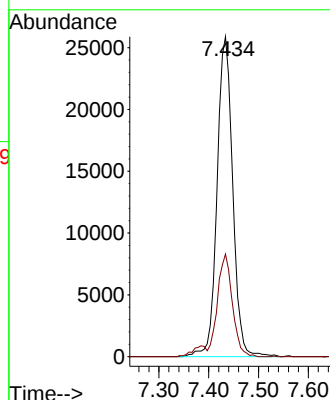
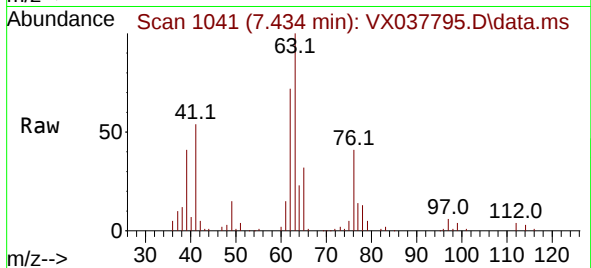
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#46

Dibromomethane

Concen: 18.511 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

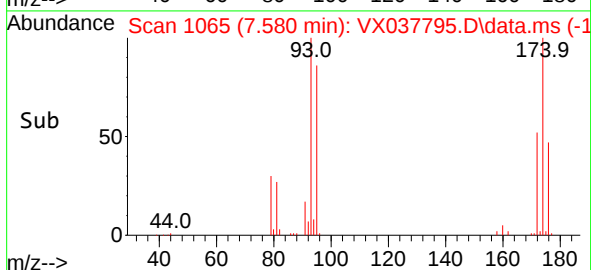
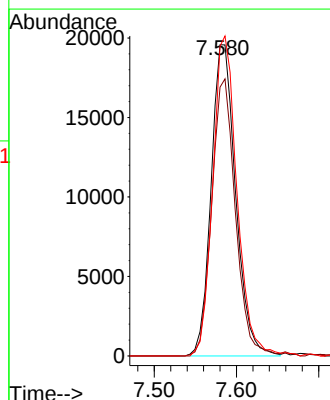
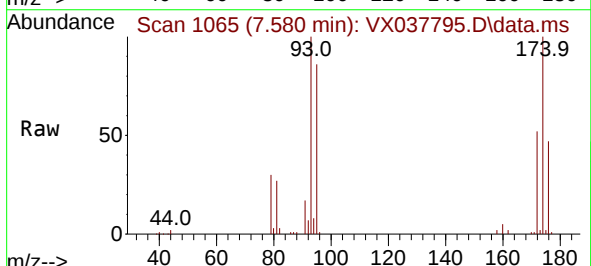
Tgt Ion: 93 Resp: 40624

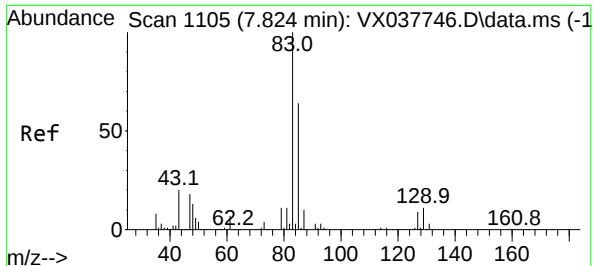
Ion Ratio Lower Upper

93 100

95 85.8 66.6 100.0

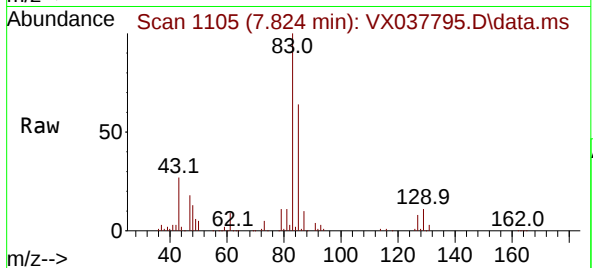
174 101.5 69.4 104.0





#47
Bromodichloromethane
Concen: 18.892 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

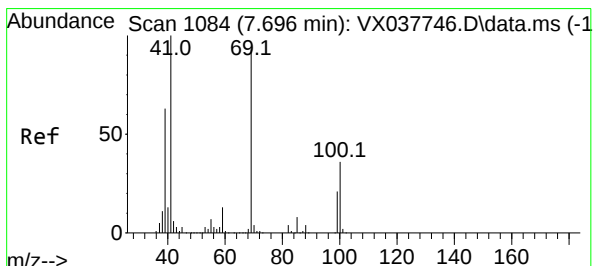
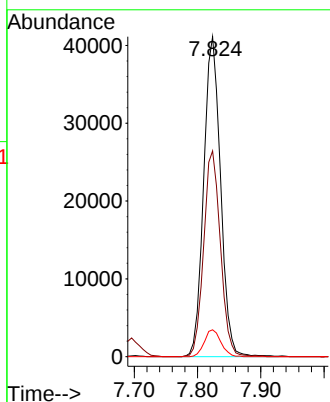
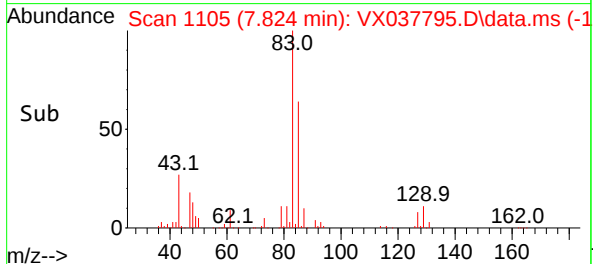
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 83 Resp: 7636
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.4 7.1 10.7

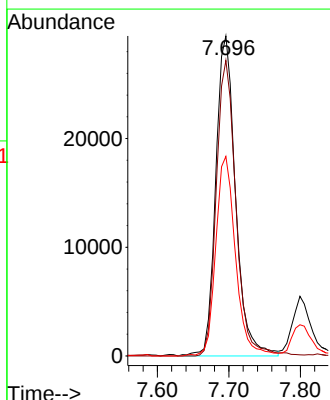
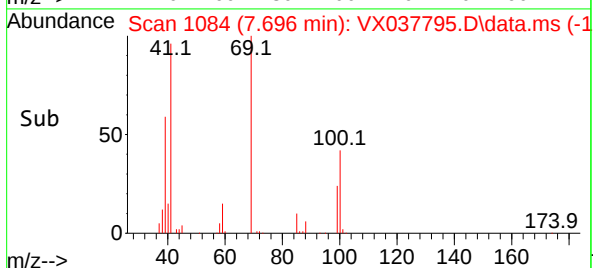
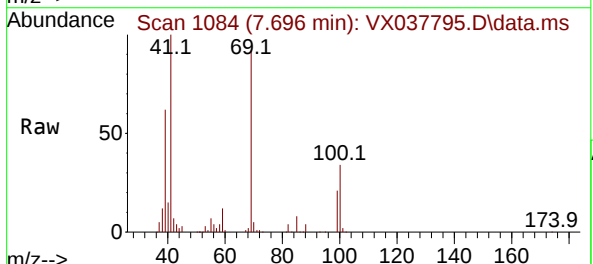
Manual Integrations
APPROVED

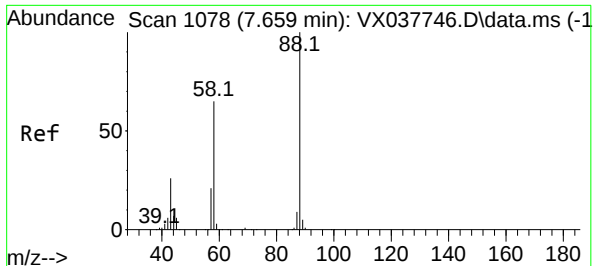
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#48
Methyl methacrylate
Concen: 17.643 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion: 41 Resp: 56641
Ion Ratio Lower Upper
41 100
69 91.8 59.2 88.8#
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 350.647 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 88 Resp: 2951

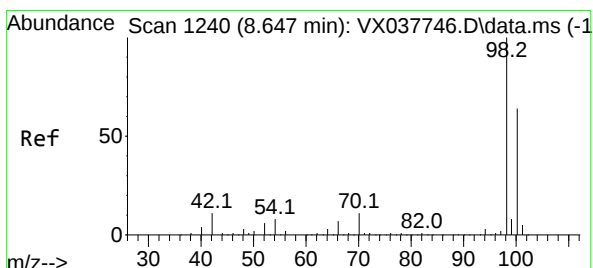
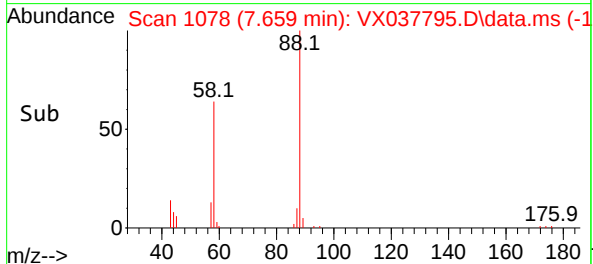
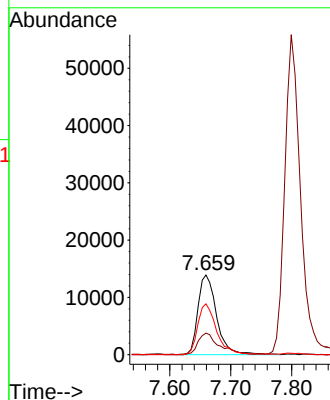
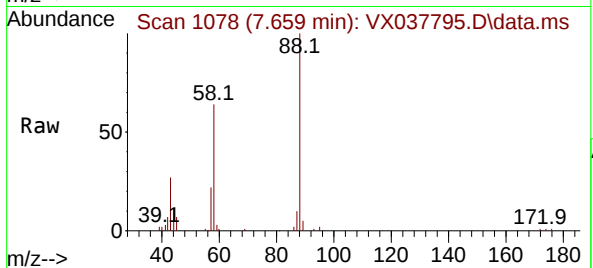
Ion	Ratio	Lower	Upper
88	100		
43	30.9	0.0	0.0
58	64.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#50

Toluene-d8

Concen: 52.336 ug/l

RT: 8.647 min Scan# 1240

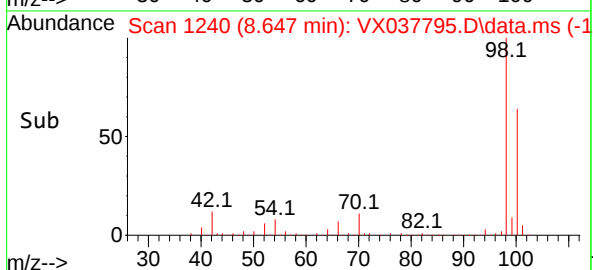
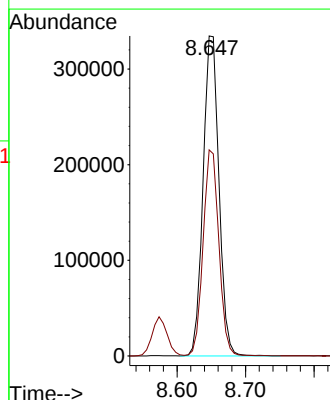
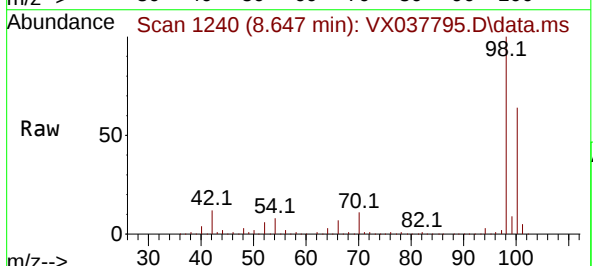
Delta R.T. 0.000 min

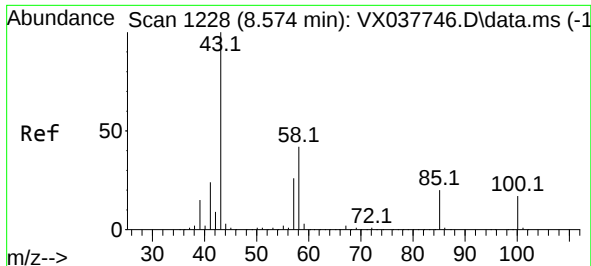
Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion: 98 Resp: 539288

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 87.720 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 43 Resp: 373758

Ion Ratio Lower Upper

43 100

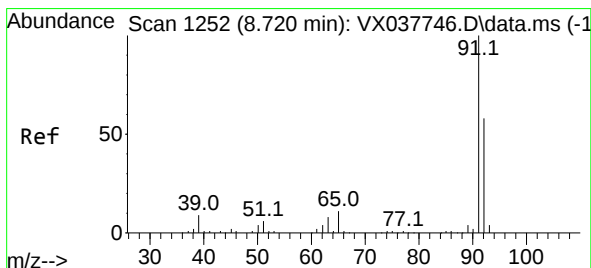
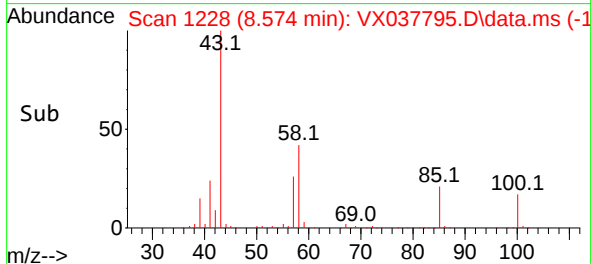
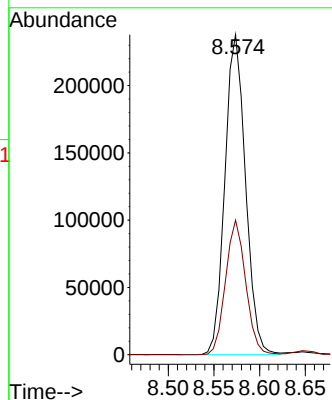
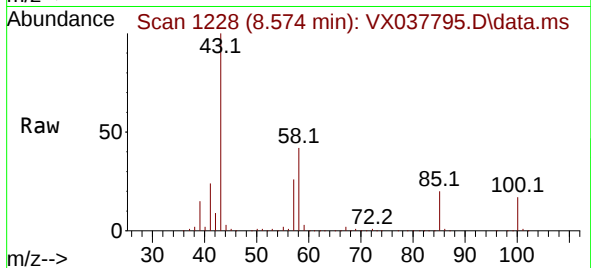
58 41.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#52

Toluene

Concen: 18.691 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037795.D

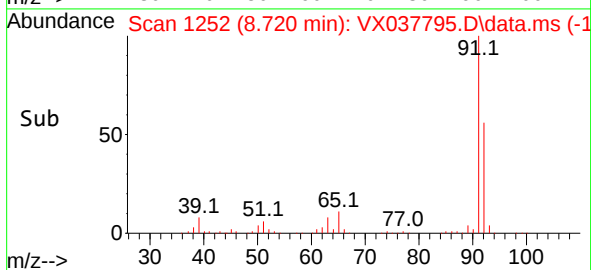
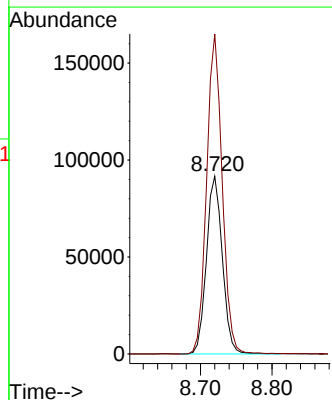
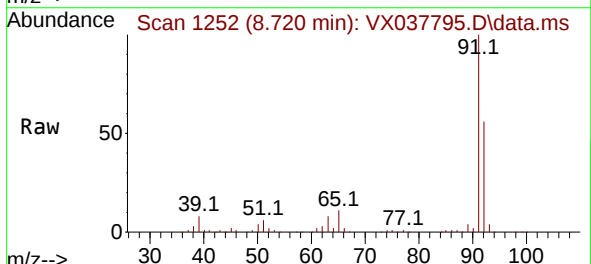
Acq: 19 Sep 2023 10:58

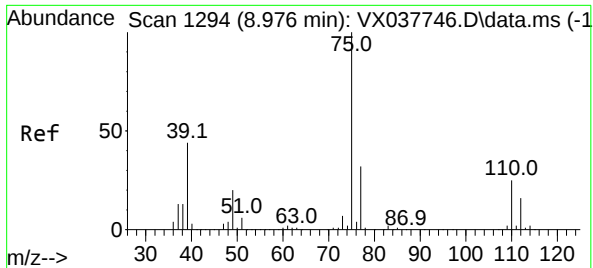
Tgt Ion: 92 Resp: 141517

Ion Ratio Lower Upper

92 100

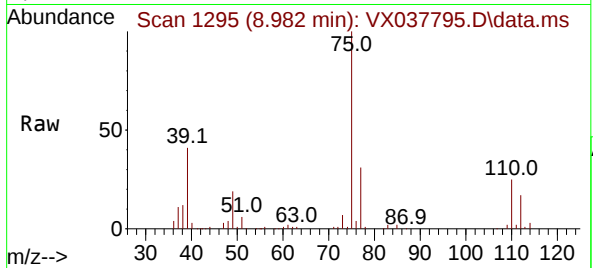
91 176.9 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 18.746 ug/l
 RT: 8.982 min Scan# 1294
 Delta R.T. -0.006 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

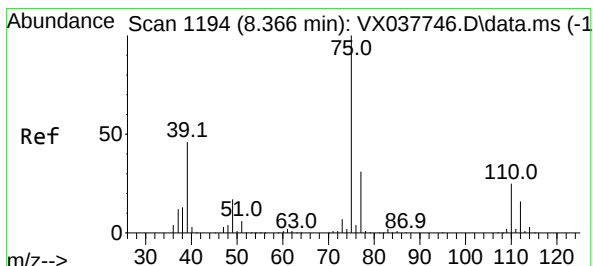
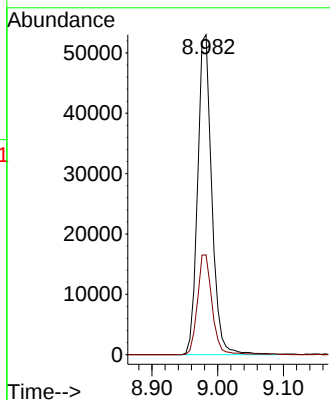
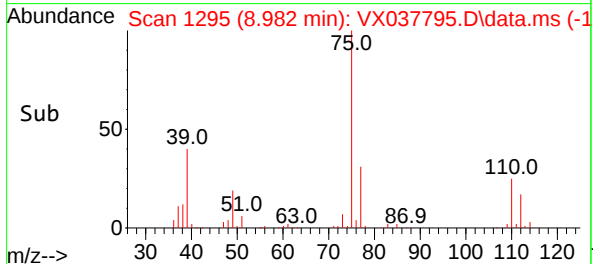
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01



Tgt Ion: 75 Resp: 79225
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5

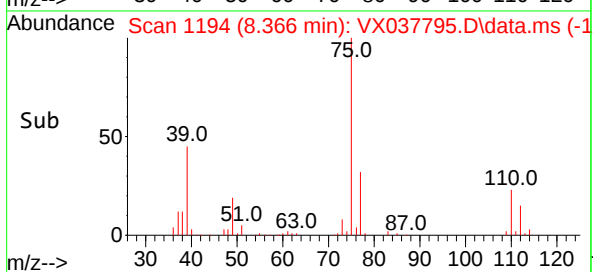
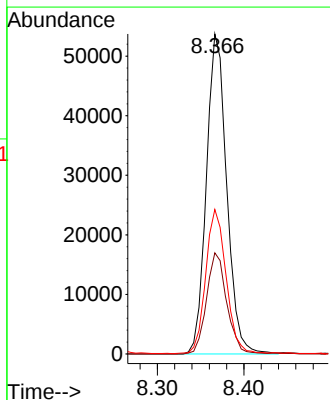
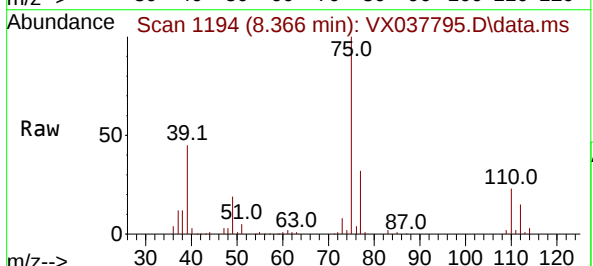
Manual Integrations
 APPROVED

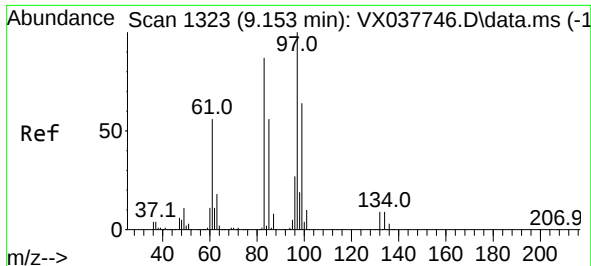
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.741 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

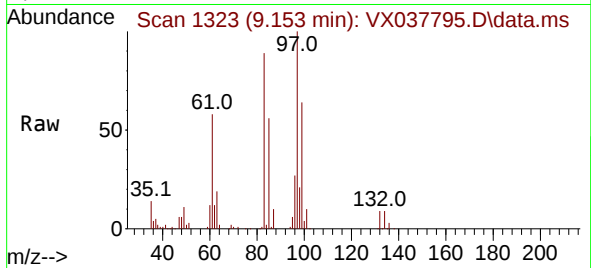
Tgt Ion: 75 Resp: 87657
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 44.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 18.243 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

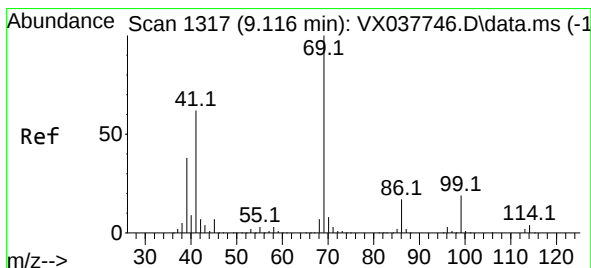
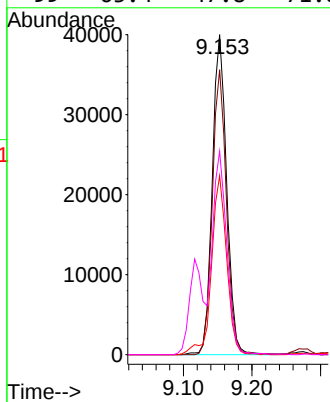
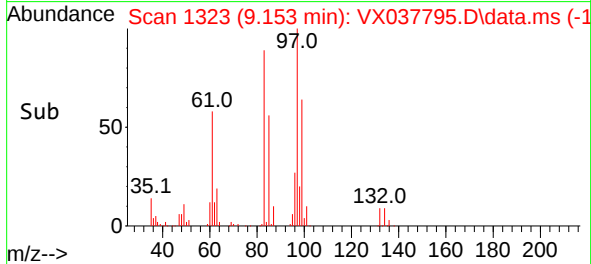
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



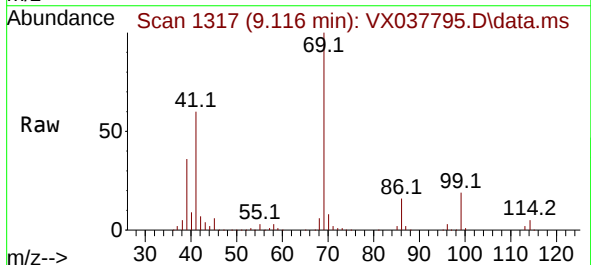
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	65.8	98.8
85	55.9	41.6	62.4
99	63.4	47.8	71.8

Manual Integrations
APPROVED

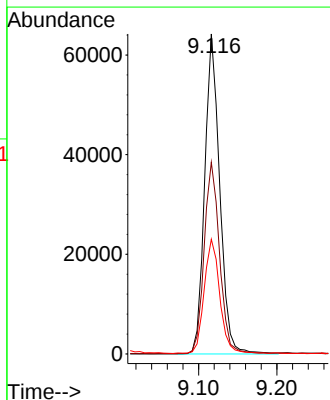
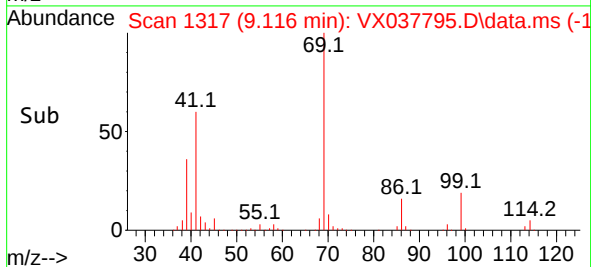
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

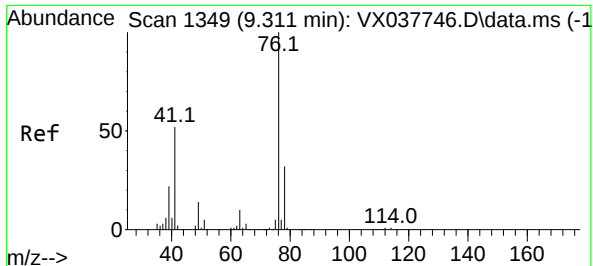


#56
Ethyl methacrylate
Concen: 17.906 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



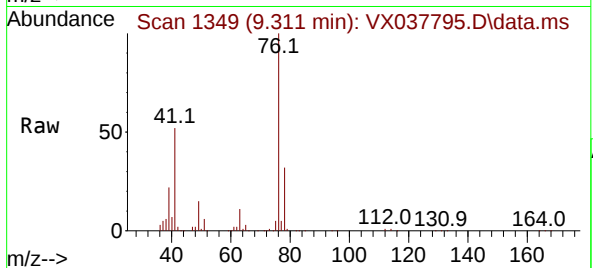
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	56.8	85.2
39	37.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 18.576 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

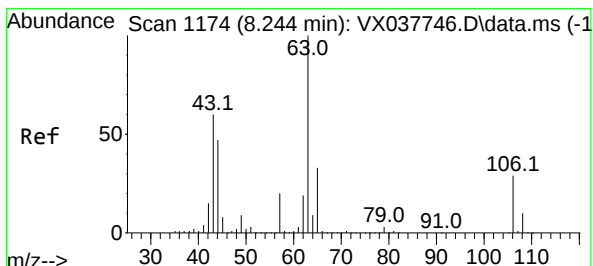
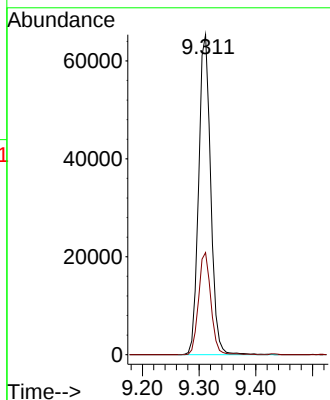
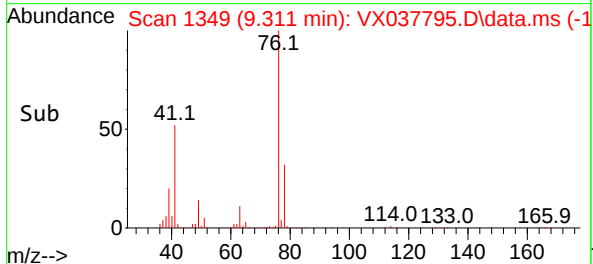
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



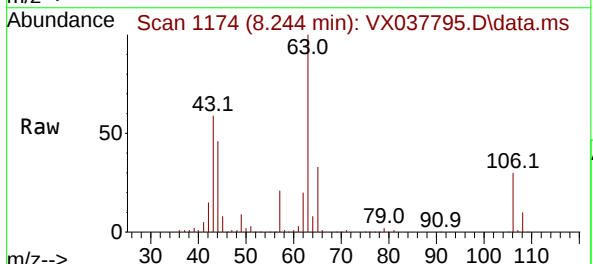
Tgt Ion: 76 Resp: 95950
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
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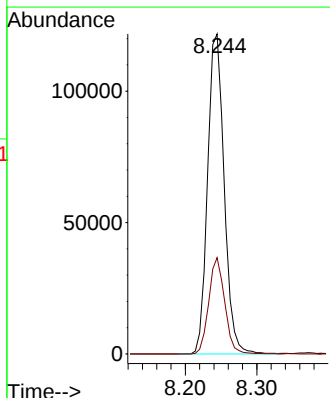
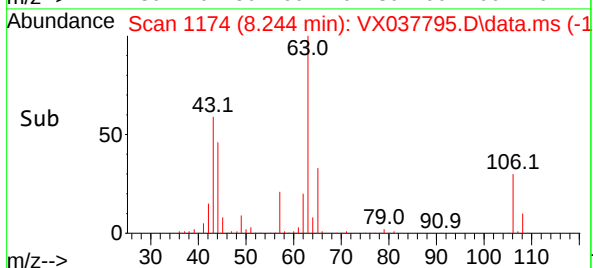
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

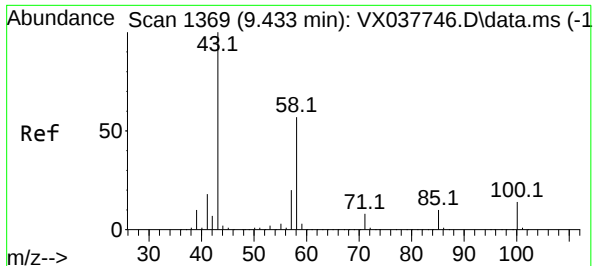


#58
2-Chloroethyl Vinyl ether
Concen: 88.078 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion: 63 Resp: 195996
Ion Ratio Lower Upper
63 100
106 29.0 22.5 33.7





#59

2-Hexanone

Concen: 87.418 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tgt Ion: 43 Resp: 290000

Ion Ratio Lower Upper

43 100

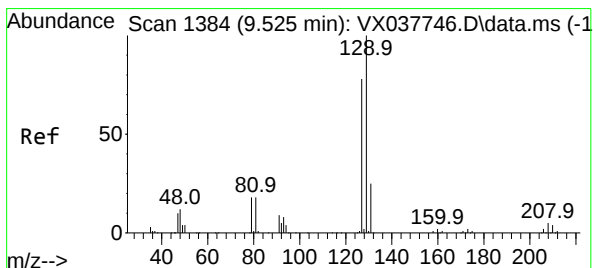
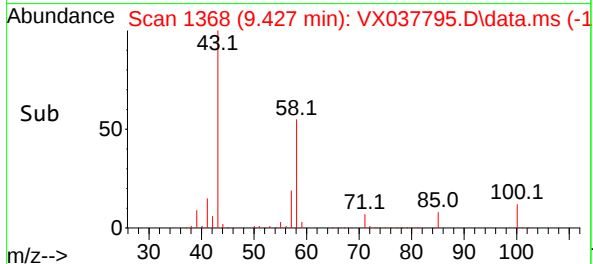
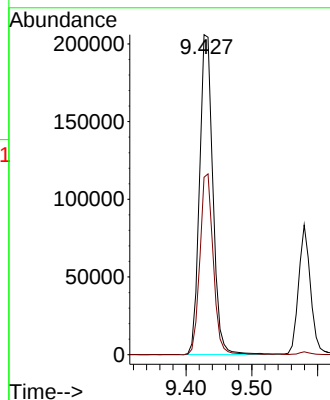
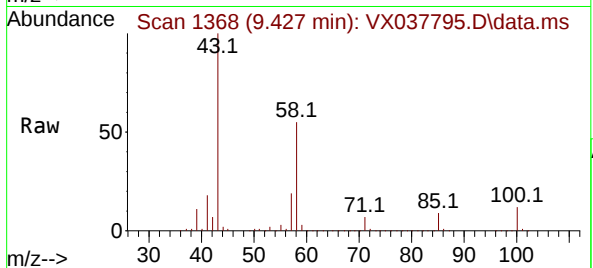
58 56.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#60

Dibromochloromethane

Concen: 18.516 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX037795.D

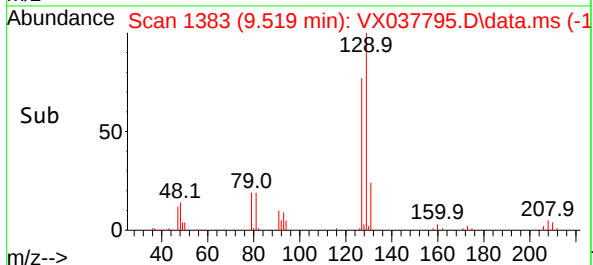
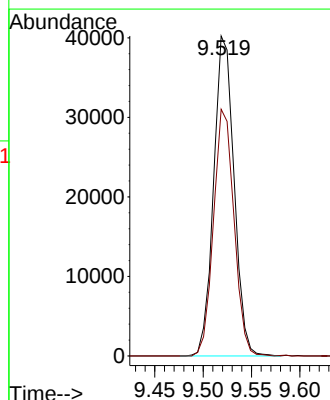
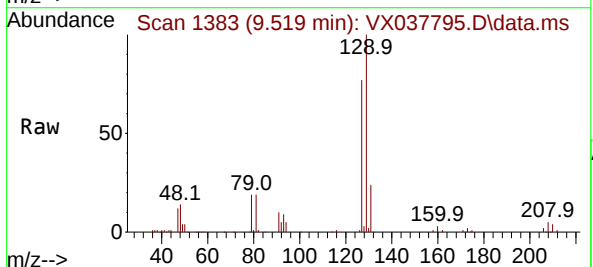
Acq: 19 Sep 2023 10:58

Tgt Ion:129 Resp: 58881

Ion Ratio Lower Upper

129 100

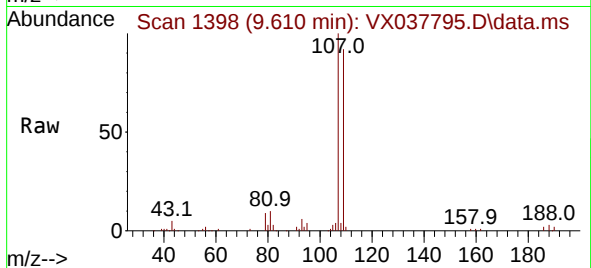
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.852 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

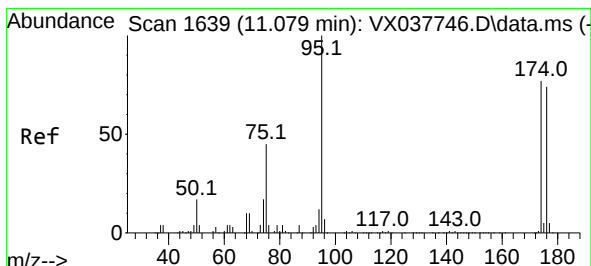
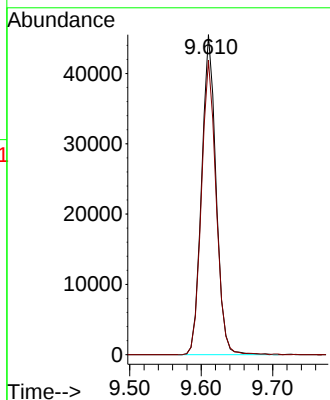
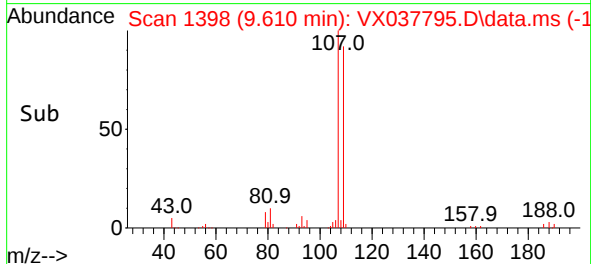
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion:107 Resp: 6371
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

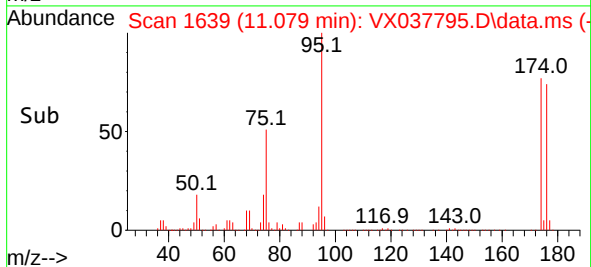
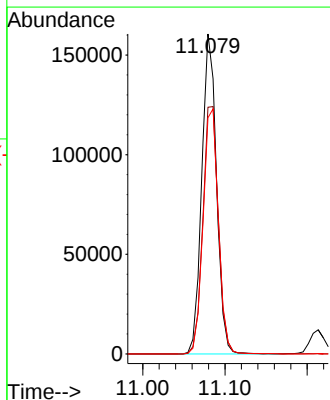
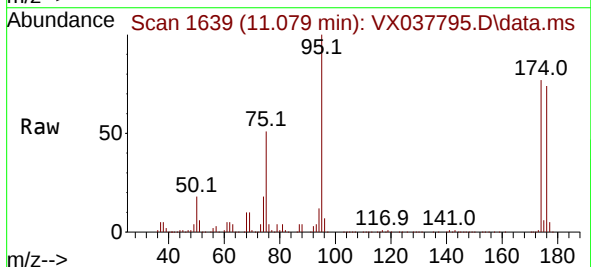
Manual Integrations
APPROVED

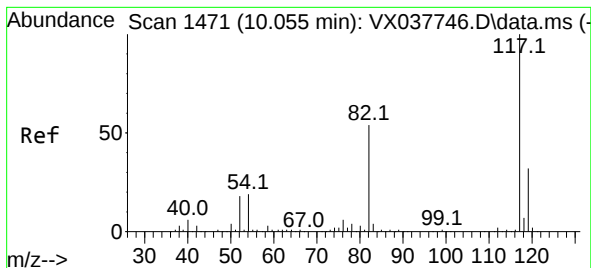
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

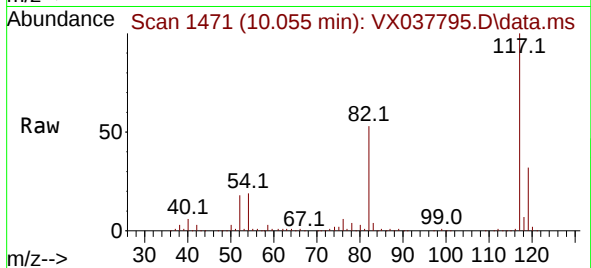
Tgt Ion: 95 Resp: 199443
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 79.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

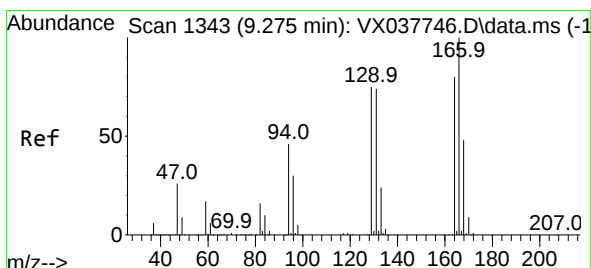
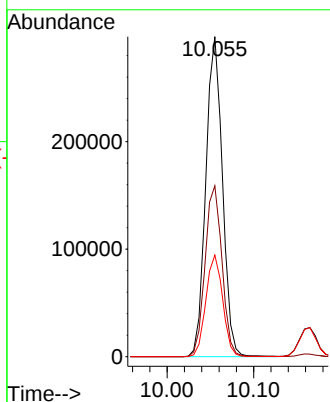
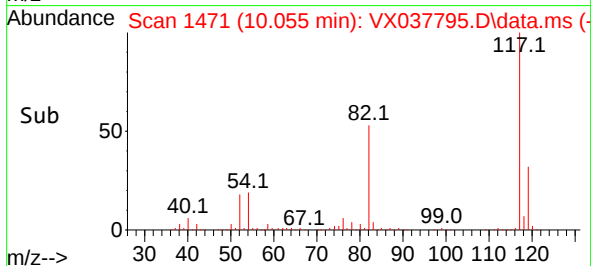
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion:117 Resp: 39712
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 31.8 25.5 38.3

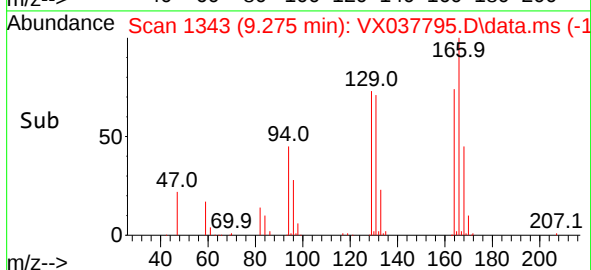
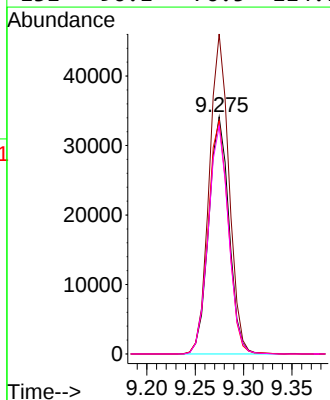
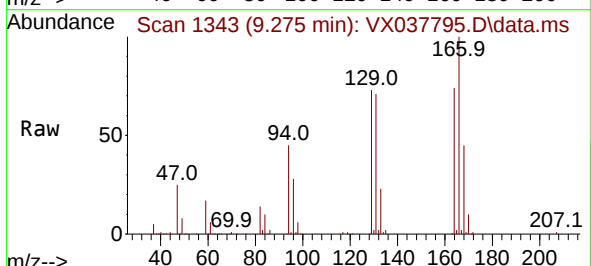
Manual Integrations
APPROVED

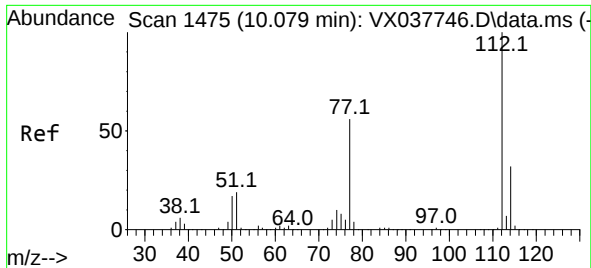
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#64
Tetrachloroethene
Concen: 18.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

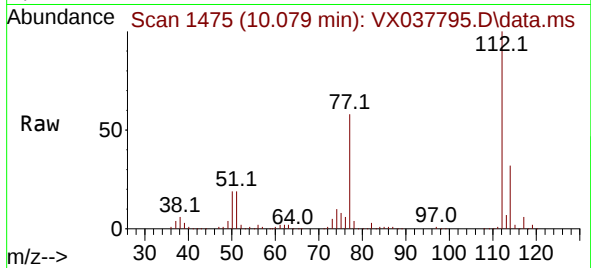
Tgt Ion:164 Resp: 49654
Ion Ratio Lower Upper
164 100
166 135.0 102.7 154.1
129 98.3 80.4 120.6
131 96.1 76.5 114.7





#65
Chlorobenzene
Concen: 18.150 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

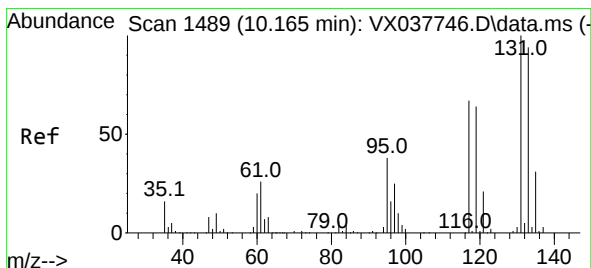
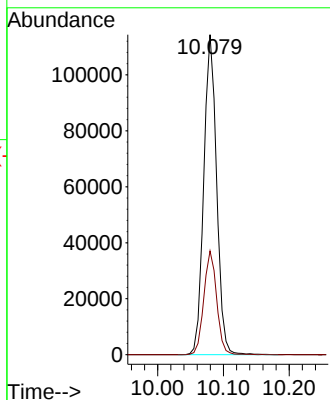
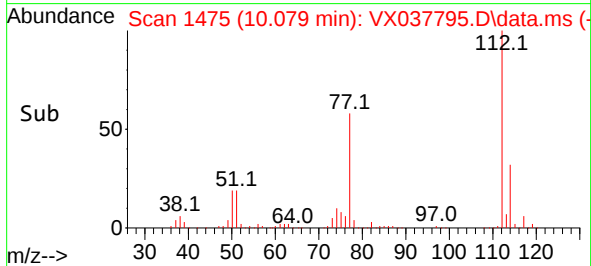
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



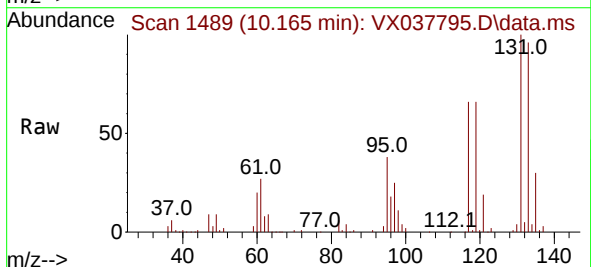
Tgt Ion:112 Resp: 15547
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

Manual Integrations
APPROVED

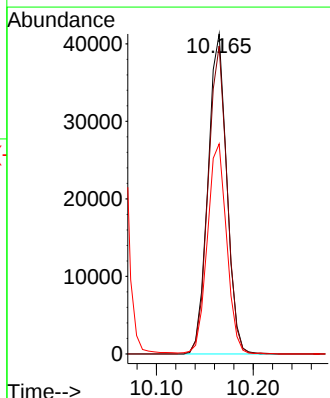
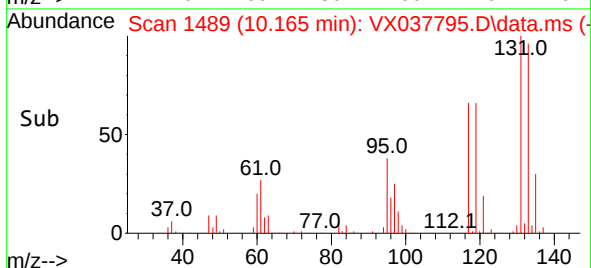
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

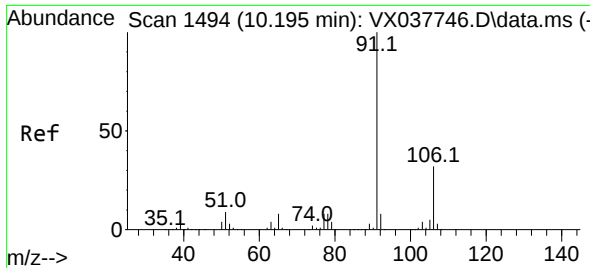


#66
1,1,1,2-Tetrachloroethane
Concen: 18.396 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



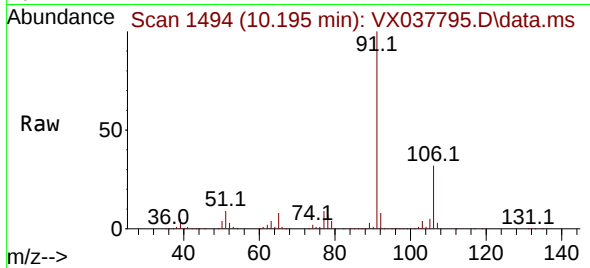
Tgt Ion:131 Resp: 55844
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 67.5 32.2 96.6





#67
Ethyl Benzene
Concen: 18.588 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

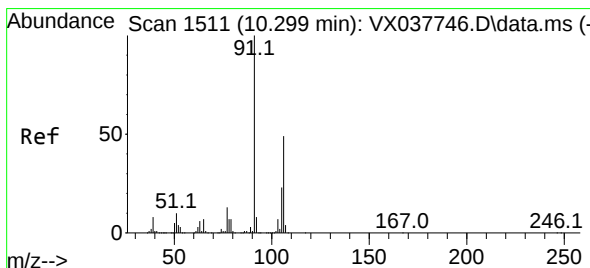
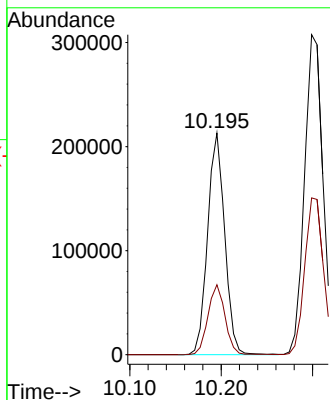
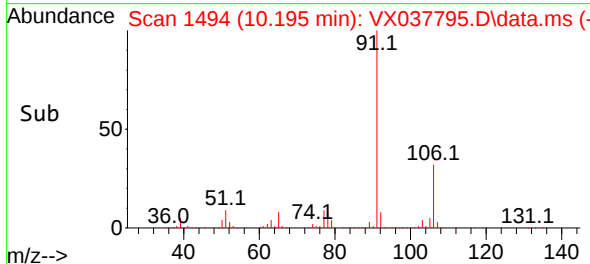
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



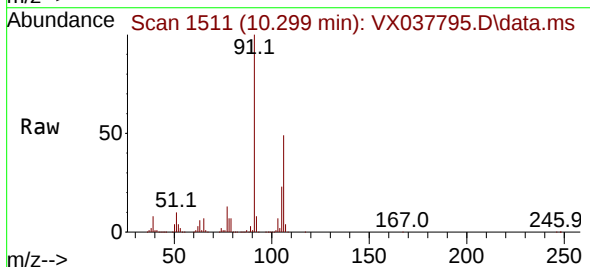
Tgt Ion: 91 Resp: 276053
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

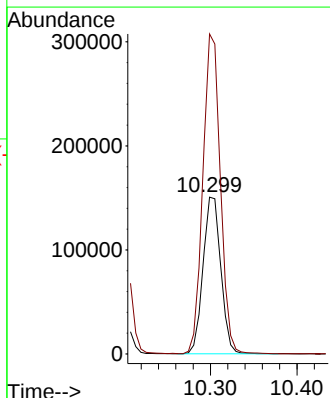
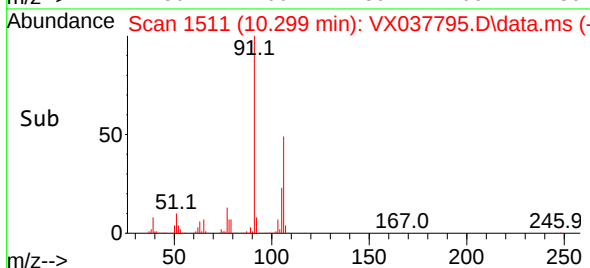
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

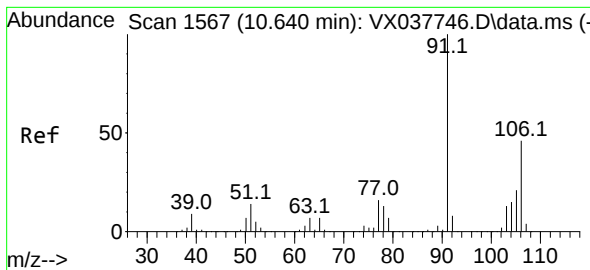


#68
m/p-Xylenes
Concen: 37.424 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion:106 Resp: 214764
Ion Ratio Lower Upper
106 100
91 201.2 165.5 248.3





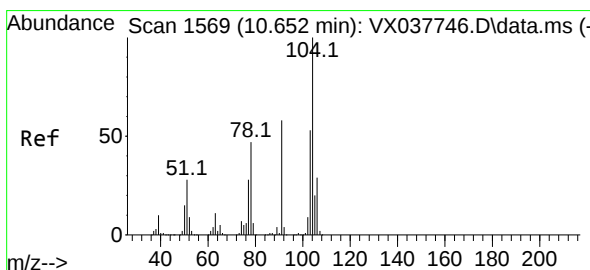
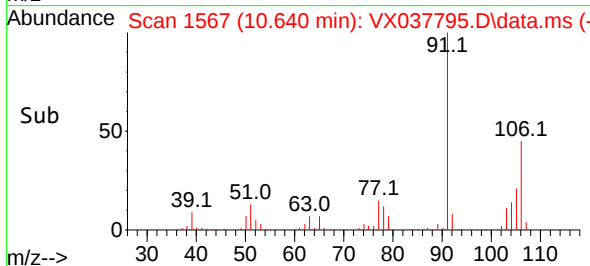
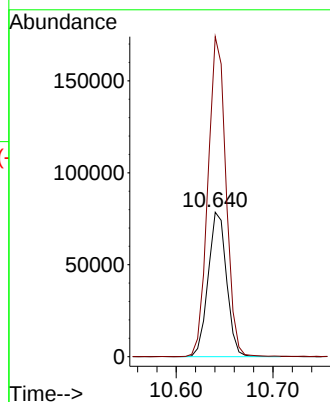
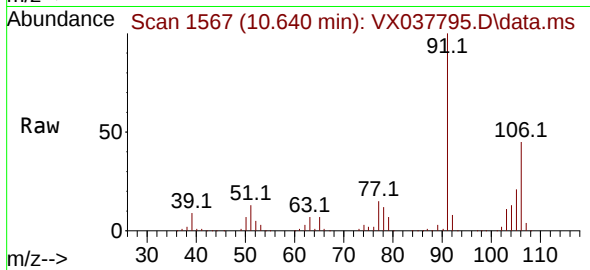
#69
o-Xylene
Concen: 18.087 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion:106 Resp: 104082
Ion Ratio Lower Upper
106 100
91 217.2 108.9 326.8

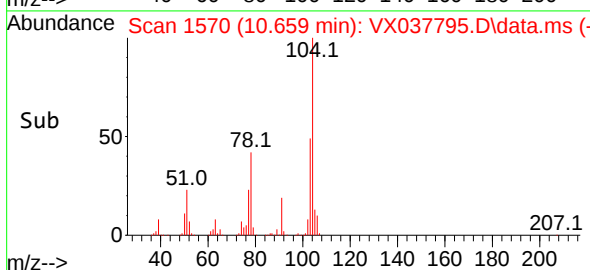
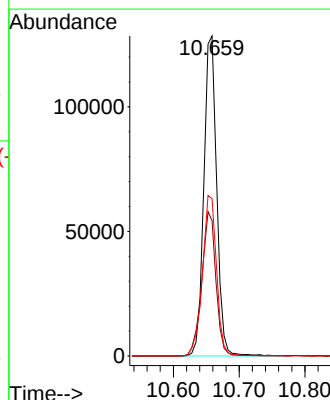
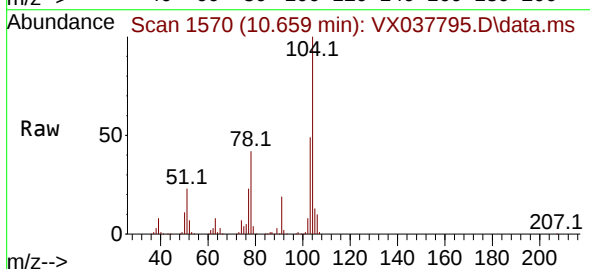
Manual Integrations
APPROVED

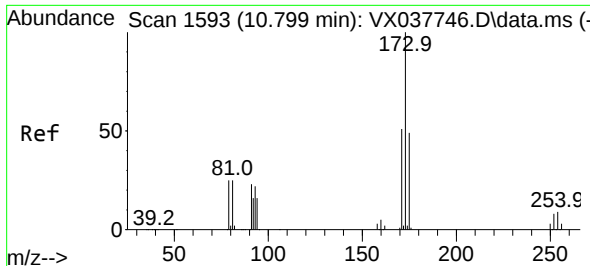
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#70
Styrene
Concen: 18.947 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

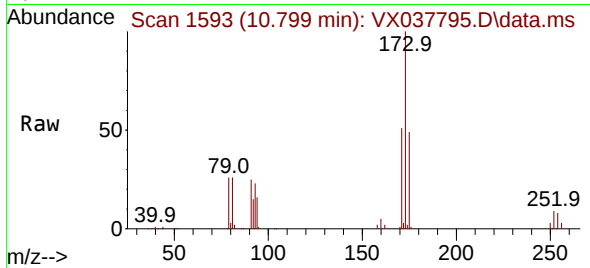
Tgt Ion:104 Resp: 175038
Ion Ratio Lower Upper
104 100
78 49.5 43.6 65.4
103 54.8 43.6 65.4





#71
Bromoform
Concen: 17.818 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

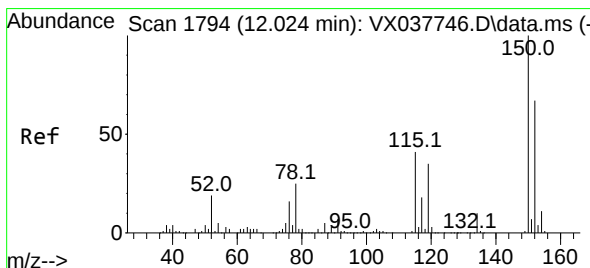
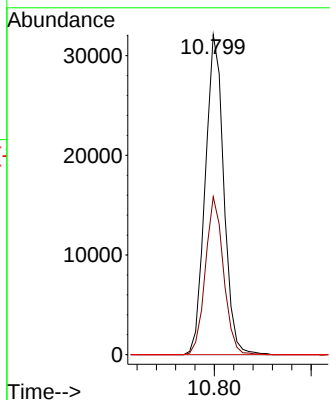
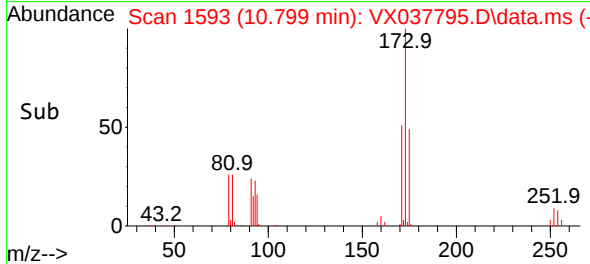
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion:173 Resp: 42728
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

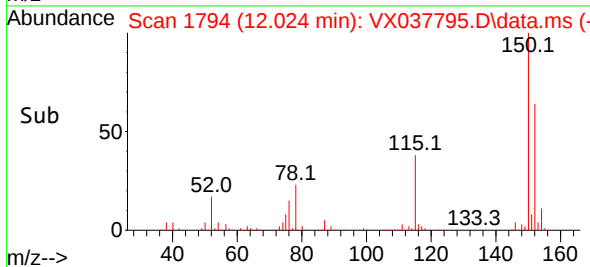
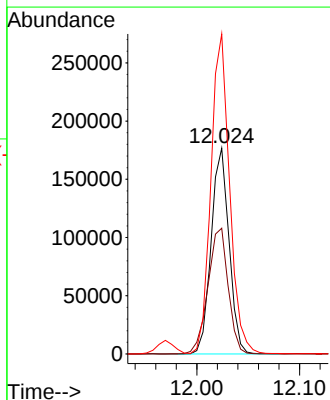
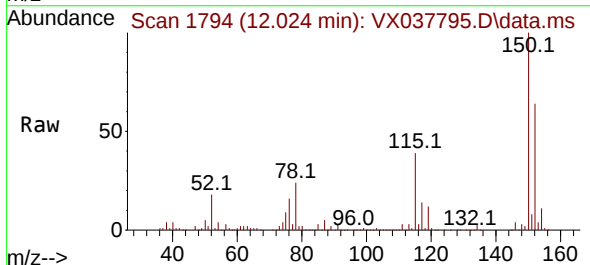
Manual Integrations
APPROVED

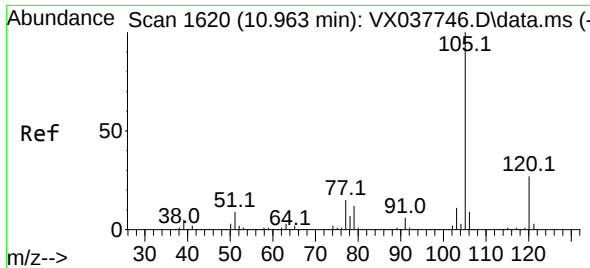
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

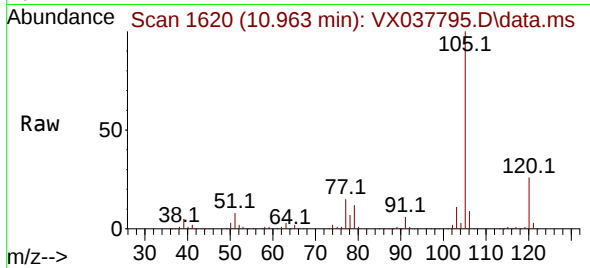
Tgt Ion:152 Resp: 213434
Ion Ratio Lower Upper
152 100
115 69.3 43.3 129.9
150 162.5 0.0 345.0





#73
Isopropylbenzene
Concen: 17.876 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

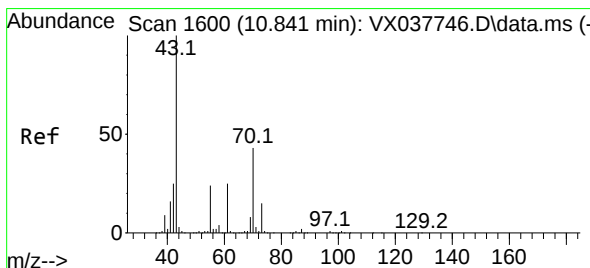
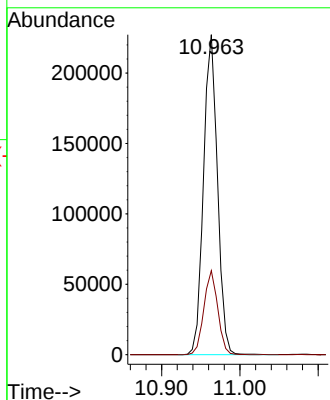
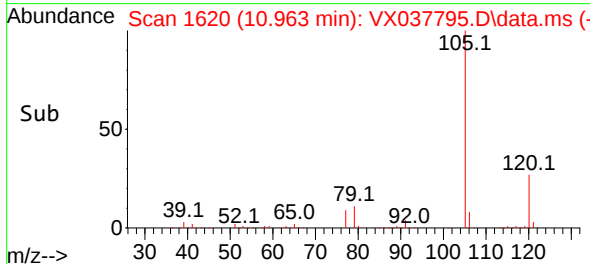
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



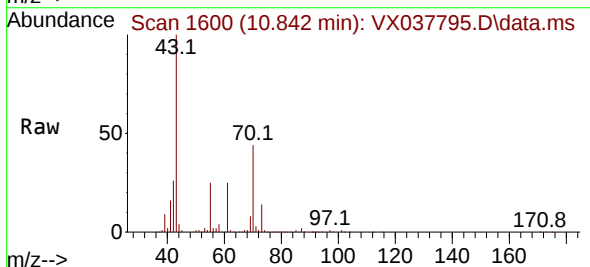
Tgt Ion:105 Resp: 279920
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

Manual Integrations
APPROVED

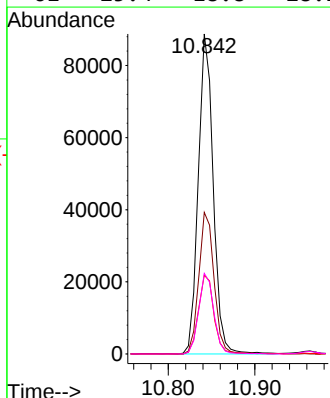
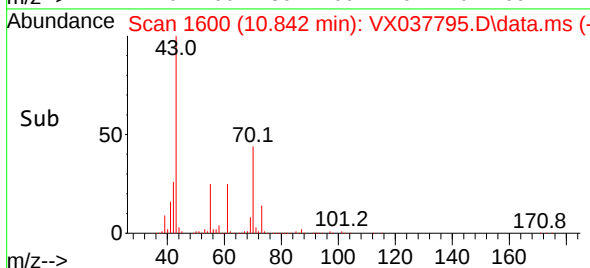
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

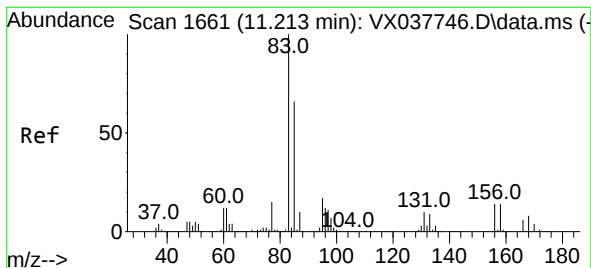


#74
N-ethyl acetate
Concen: 16.830 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



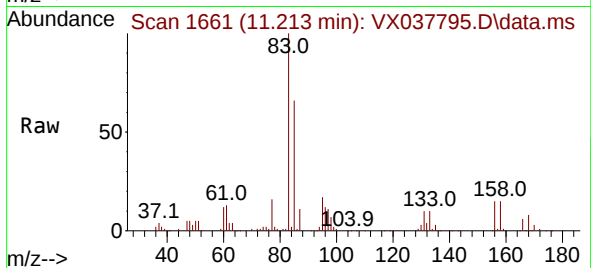
Tgt Ion: 43 Resp: 106727
Ion Ratio Lower Upper
43 100
70 45.2 32.9 49.3
55 25.7 19.3 28.9
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.083 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

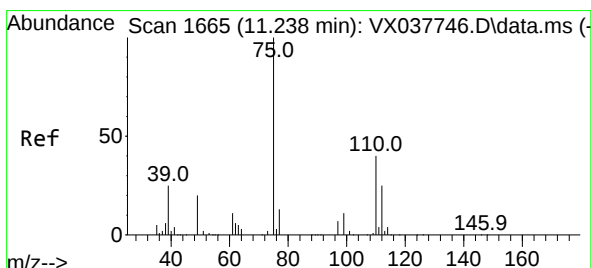
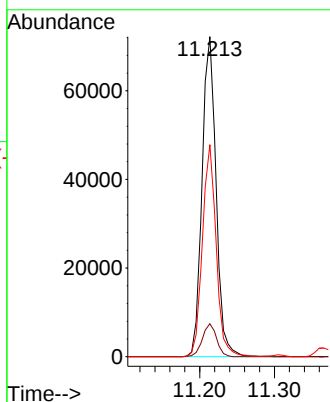
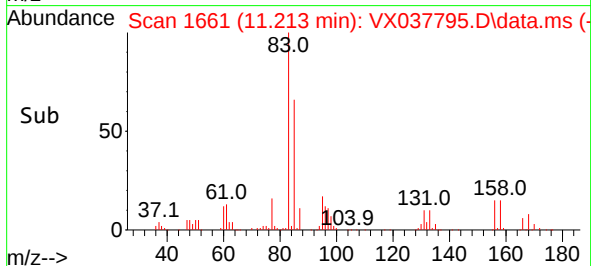
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



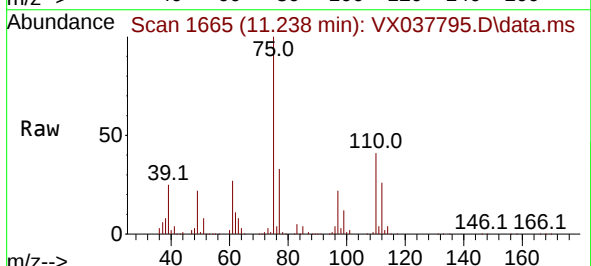
Tgt Ion: 83 Resp: 94075
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 65.1 32.0 96.2

Manual Integrations
APPROVED

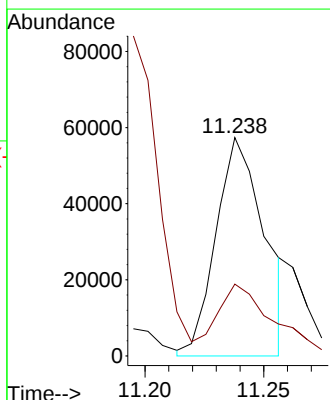
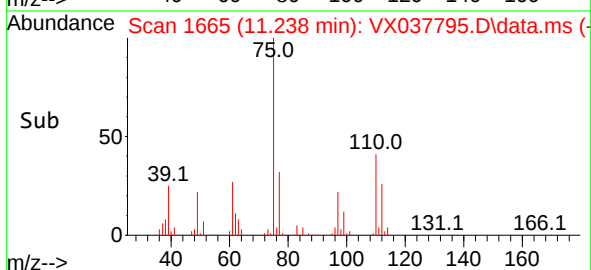
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

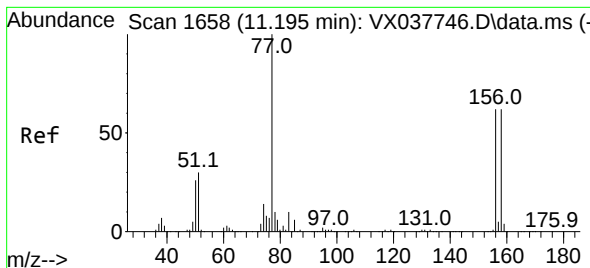


#76
1,2,3-Trichloropropane
Concen: 16.475 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion: 75 Resp: 81329
Ion Ratio Lower Upper
75 100
77 38.6 19.1 57.5





#77

Bromobenzene

Concen: 17.687 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

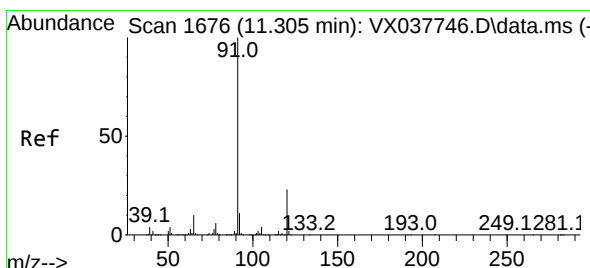
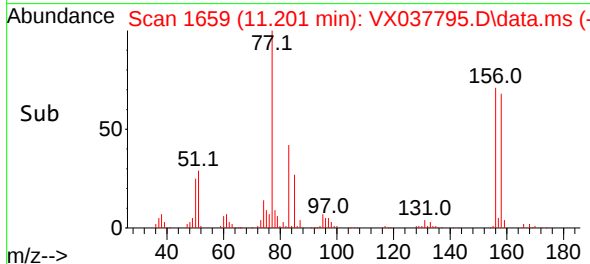
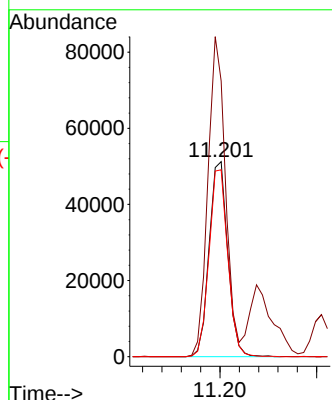
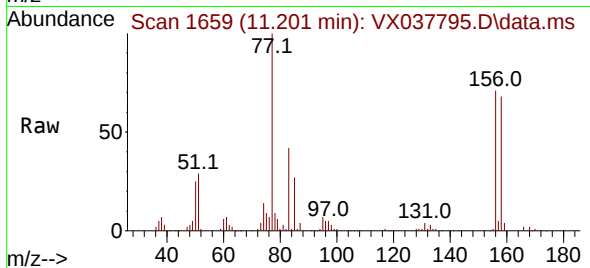
Tgt Ion:	156	Resp:	68549
Ion Ratio	Lower	Upper	
156	100		
77	154.5	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#78

n-propylbenzene

Concen: 18.520 ug/l

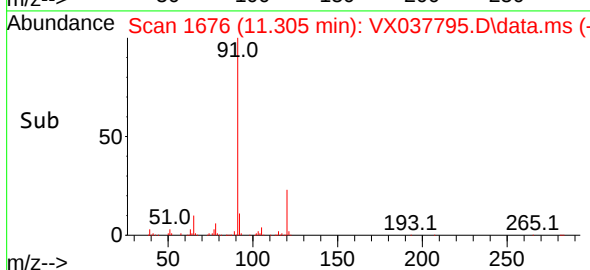
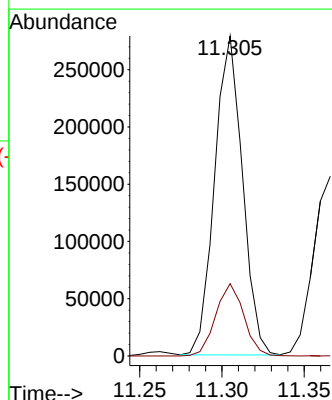
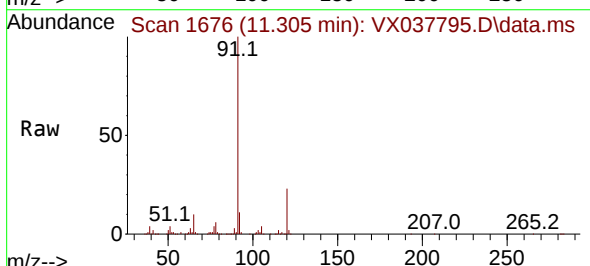
RT: 11.305 min Scan# 1676

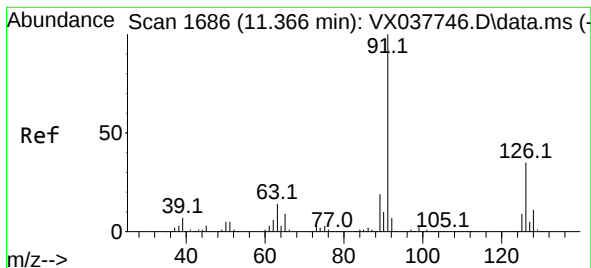
Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Tgt Ion:	91	Resp:	327516
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





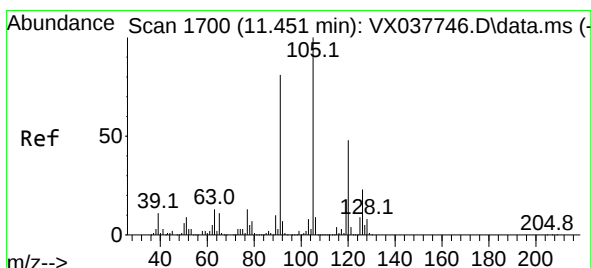
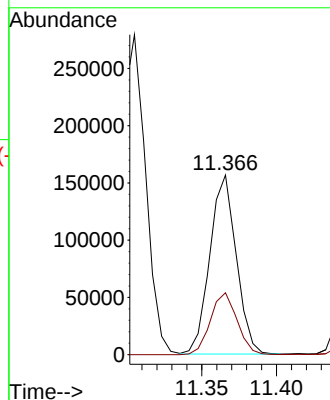
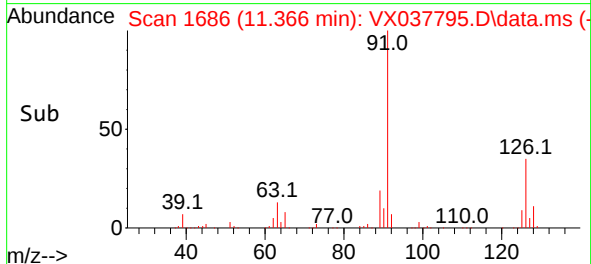
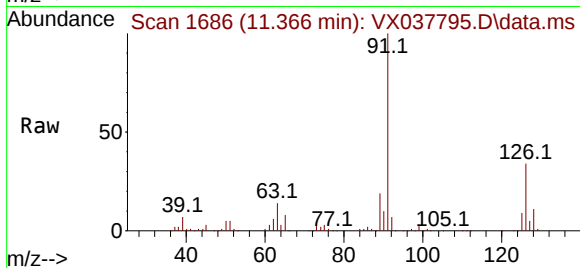
#79
2-Chlorotoluene
Concen: 17.632 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion: 91 Resp: 19225
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

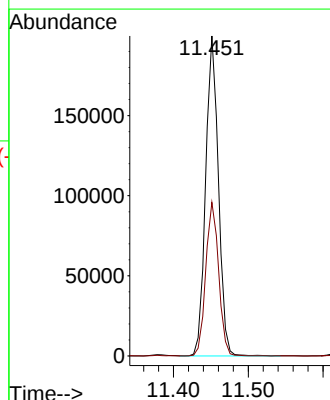
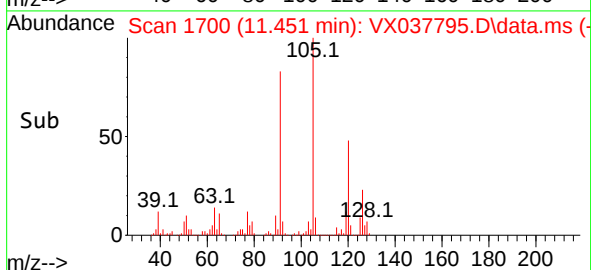
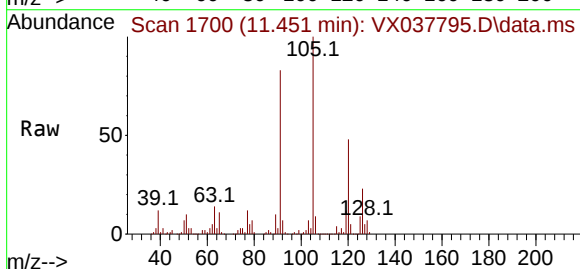
Manual Integrations
APPROVED

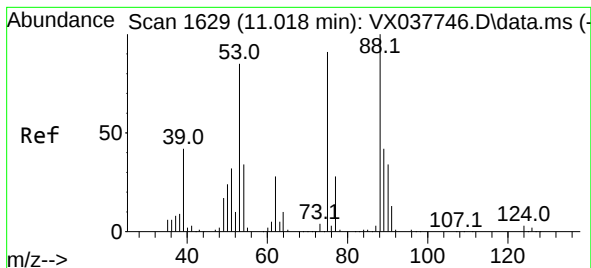
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.843 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion:105 Resp: 235952
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





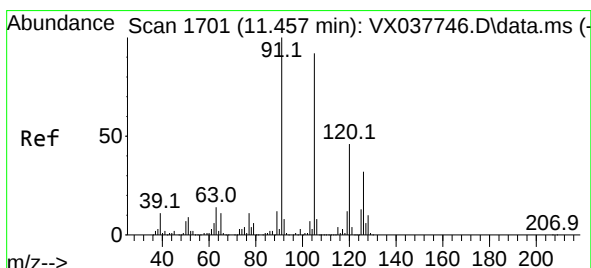
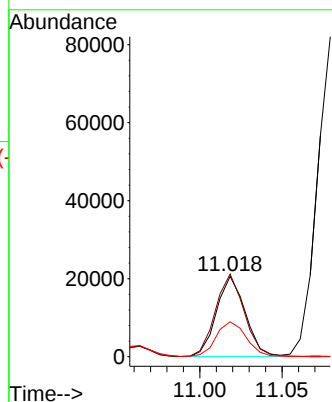
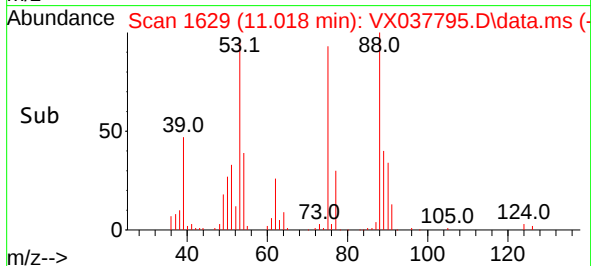
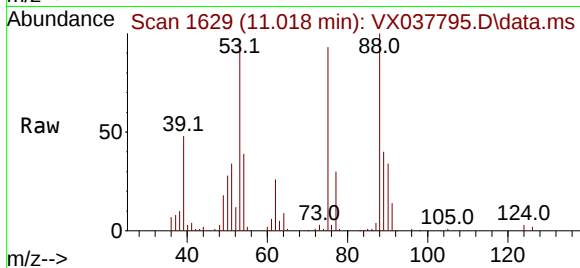
#81
trans-1,4-Dichloro-2-butene
Concen: 16.156 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tgt Ion: 75 Resp: 2489
Ion Ratio Lower Upper
75 100
53 103.5 90.5 135.7
89 46.1 36.9 55.3

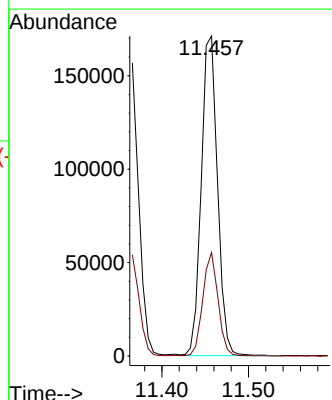
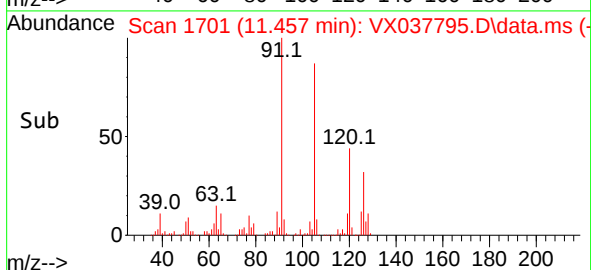
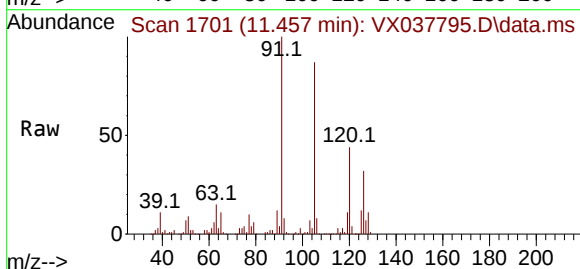
Manual Integrations
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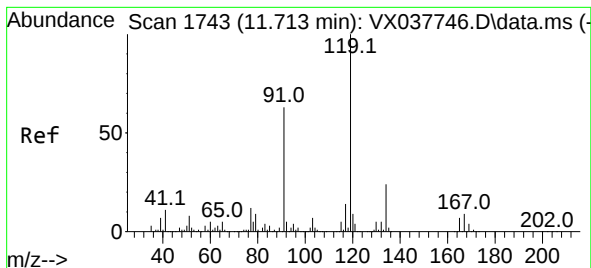
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#82
4-Chlorotoluene
Concen: 18.148 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

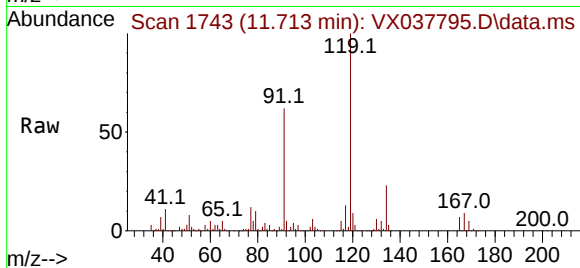
Tgt Ion: 91 Resp: 222771
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 17.896 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

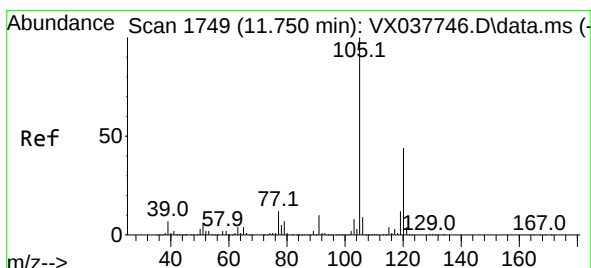
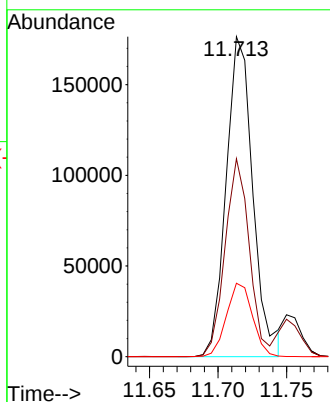
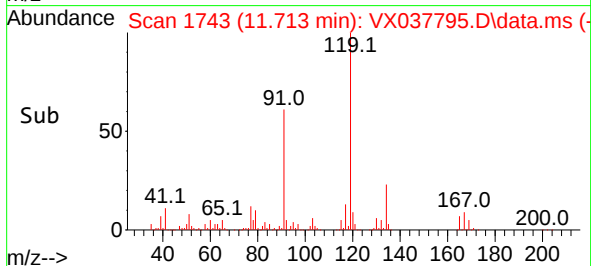
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01



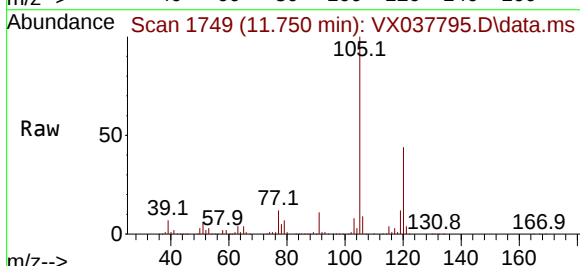
Tgt Ion:119 Resp: 239174
 Ion Ratio Lower Upper
 119 100
 91 56.4 31.2 93.6
 134 22.5 11.7 35.0

Manual Integrations
 APPROVED

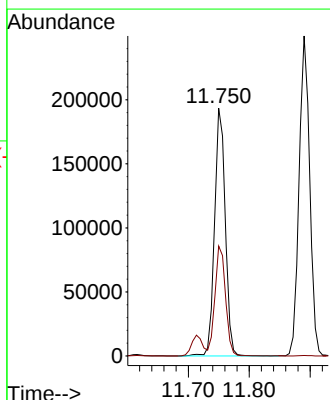
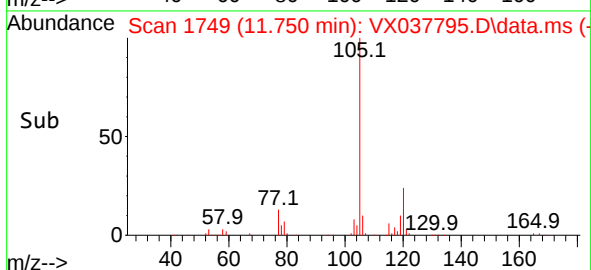
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

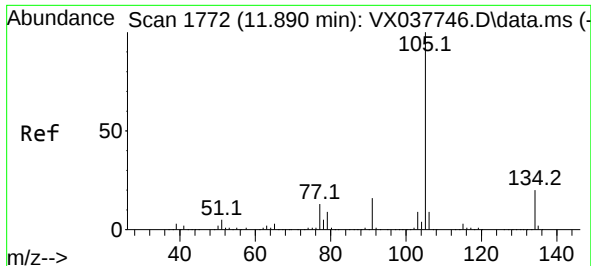


#84
 1,2,4-Trimethylbenzene
 Concen: 17.937 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58



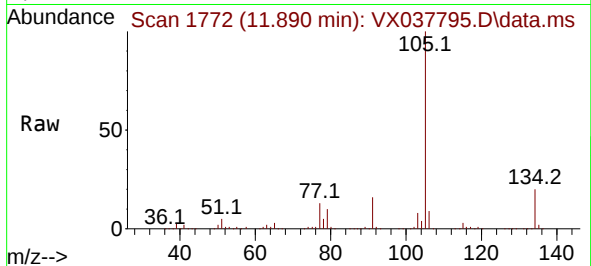
Tgt Ion:105 Resp: 235999
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.664 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58

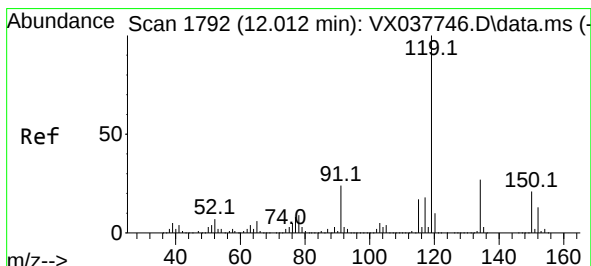
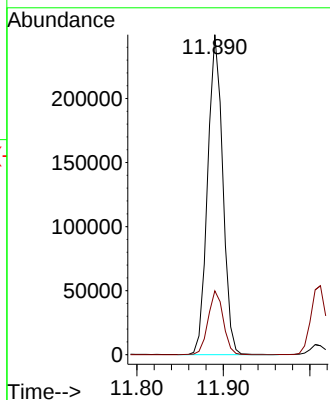
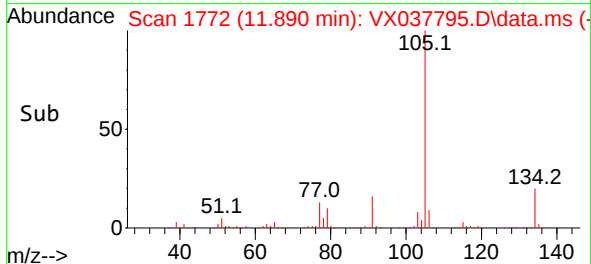
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01



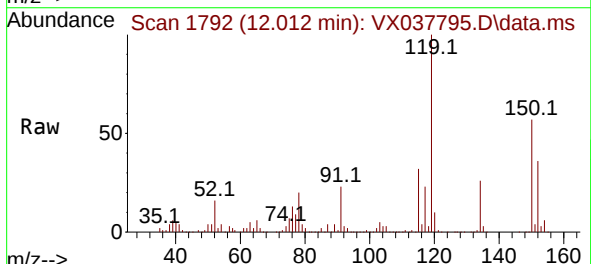
Tgt Ion:105 Resp: 302620
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
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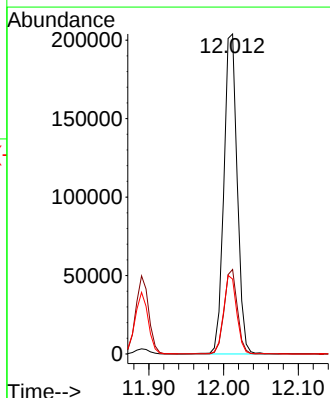
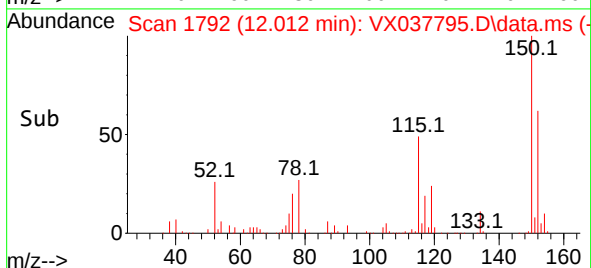
Reviewed By :John Carlone 09/20/2023
 Supervised By :Mahesh Dadoda 09/20/2023

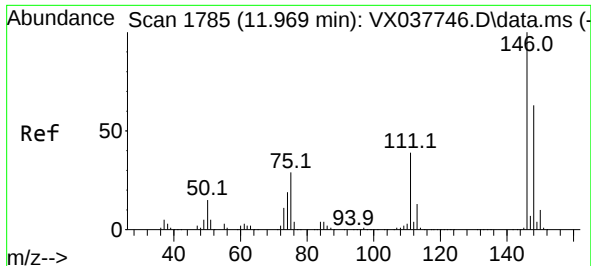


#86
 p-Isopropyltoluene
 Concen: 18.720 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037795.D
 Acq: 19 Sep 2023 10:58



Tgt Ion:119 Resp: 252890
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.294 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037795.D

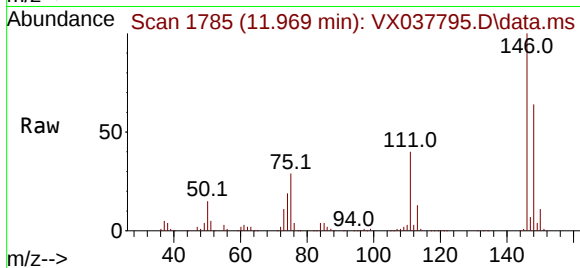
Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01



Tgt Ion:146 Resp: 132160

Ion Ratio Lower Upper

146 100

111 39.9 22.1 66.1

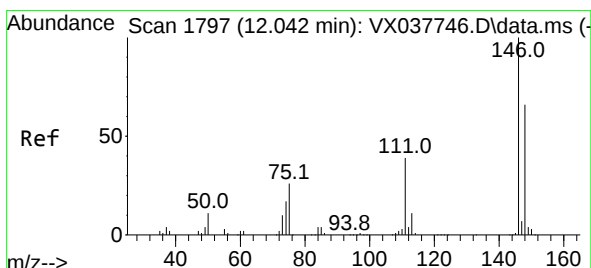
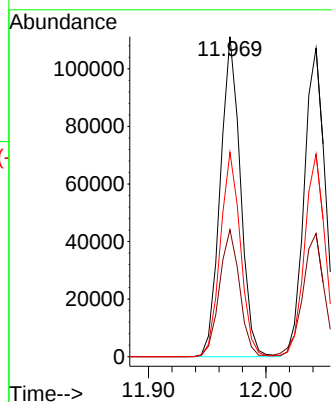
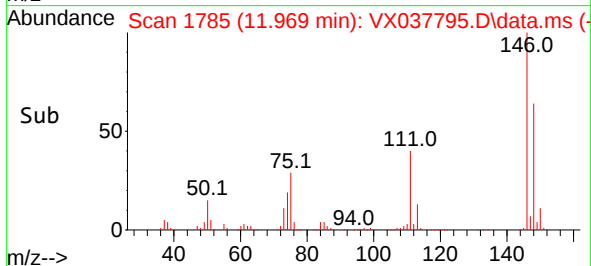
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#88

1,4-Dichlorobenzene

Concen: 17.984 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

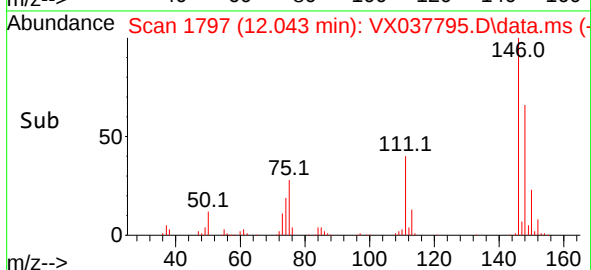
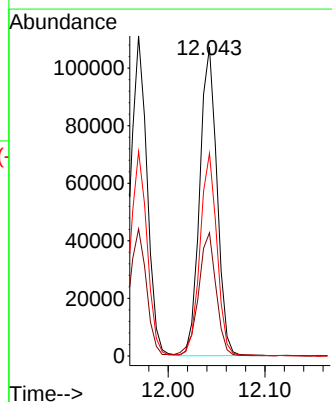
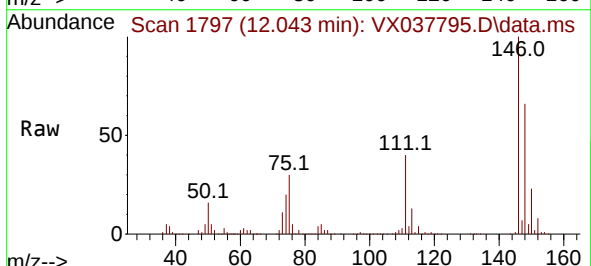
Tgt Ion:146 Resp: 132953

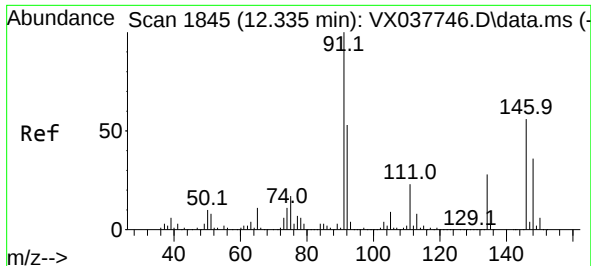
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

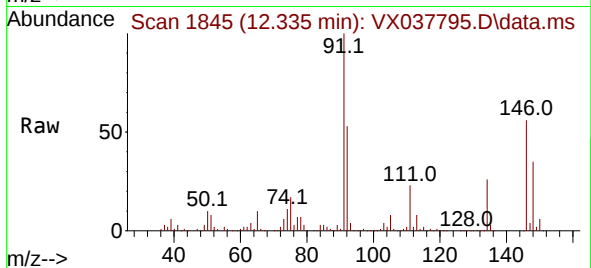
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.555 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

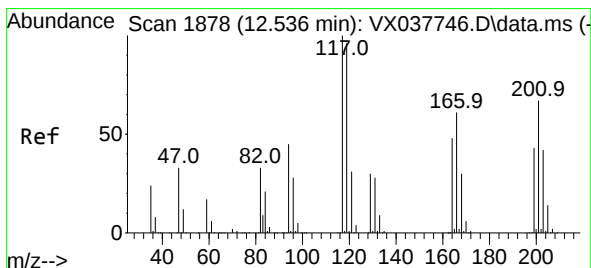
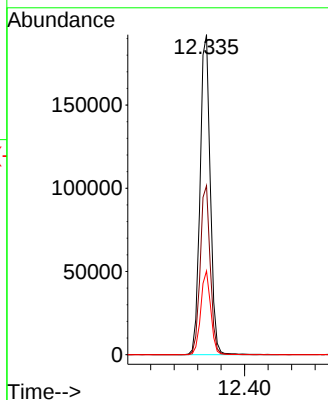
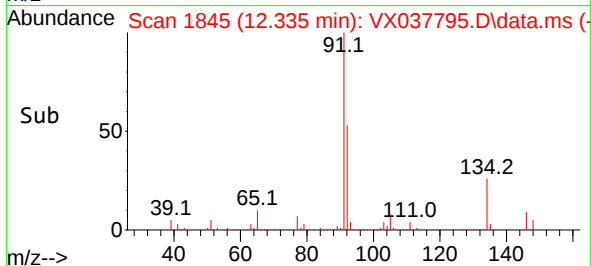
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion: 91 Resp: 231418
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 25.5 12.6 37.8

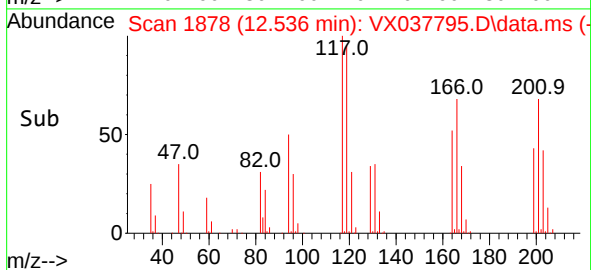
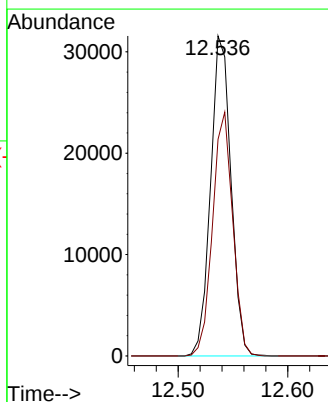
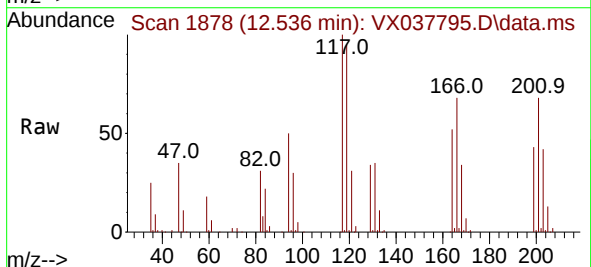
Manual Integrations
APPROVED

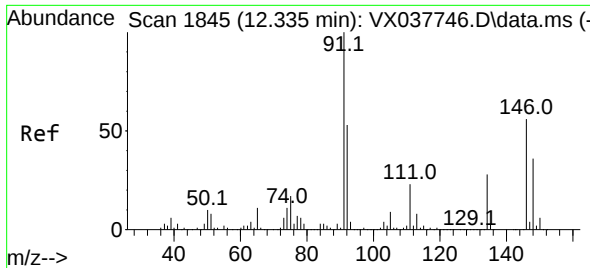
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#90
Hexachloroethane
Concen: 17.808 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

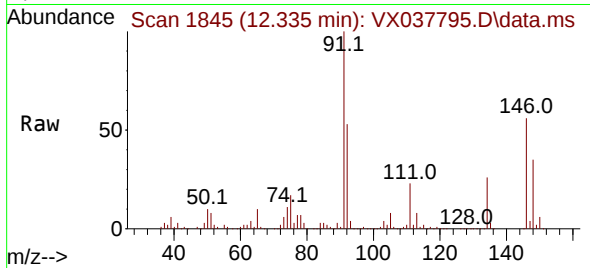
Tgt Ion:117 Resp: 40759
Ion Ratio Lower Upper
117 100
201 75.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 17.924 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

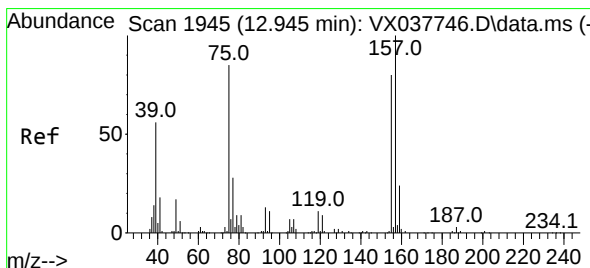
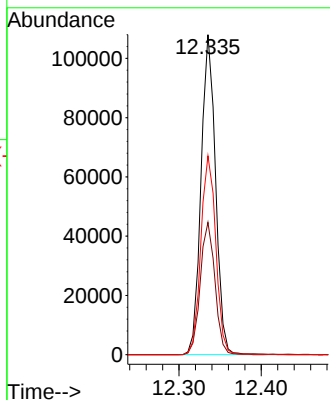
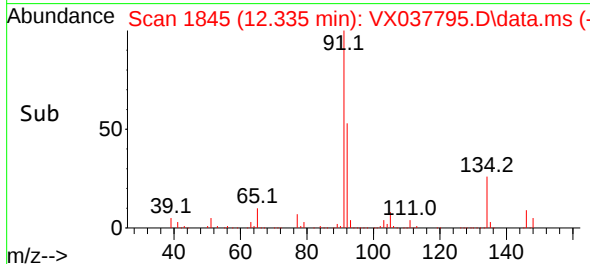
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



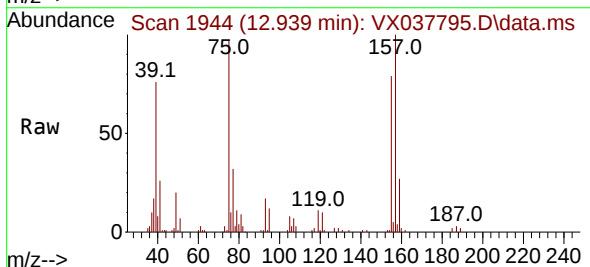
Tgt Ion:146 Resp: 132210
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
APPROVED

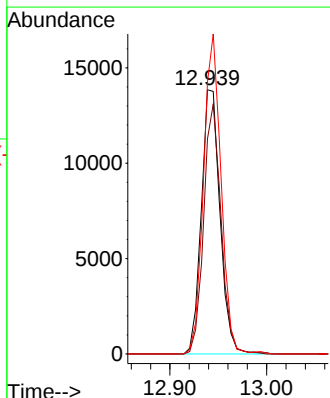
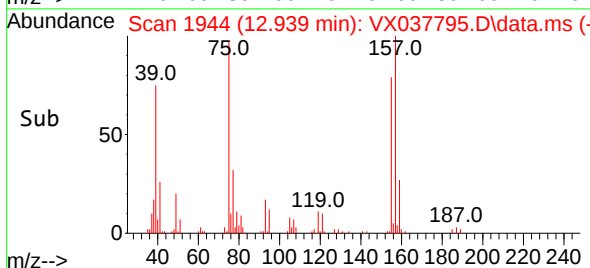
Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

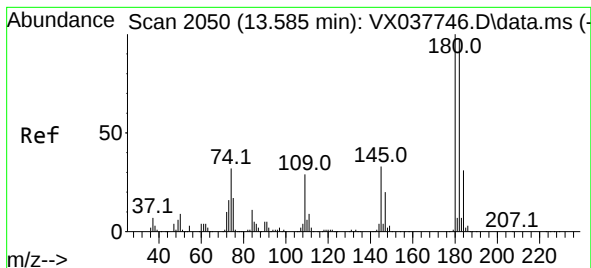


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.019 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58



Tgt Ion: 75 Resp: 18683
Ion Ratio Lower Upper
75 100
155 87.9 36.1 108.5
157 113.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.963 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

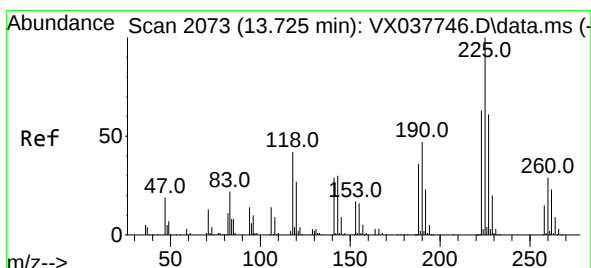
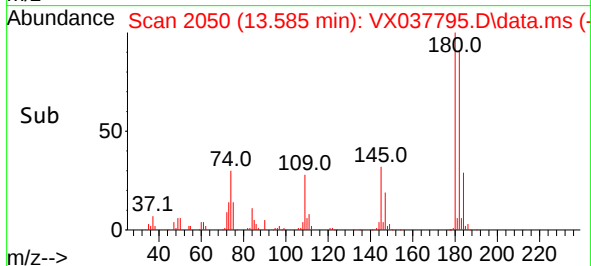
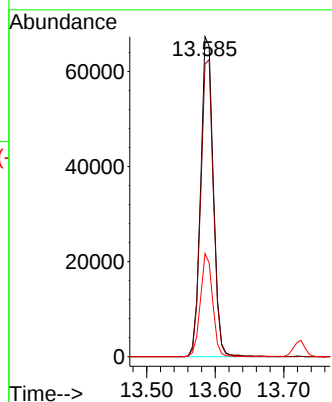
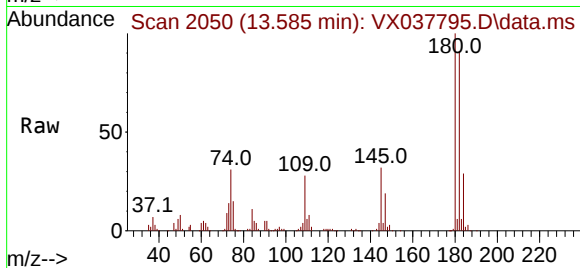
Tgt Ion:180	Resp:	86739
Ion Ratio	Lower	Upper
180	100	
182	93.4	48.3 144.8
145	31.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/20/2023

Supervised By :Mahesh Dadoda 09/20/2023



#94

Hexachlorobutadiene

Concen: 19.485 ug/l

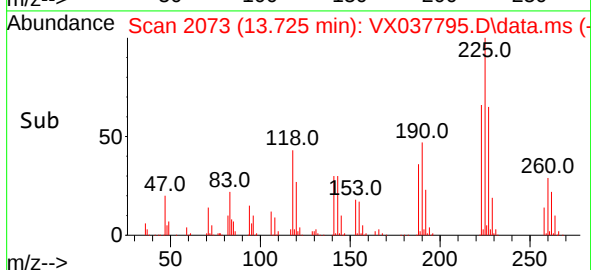
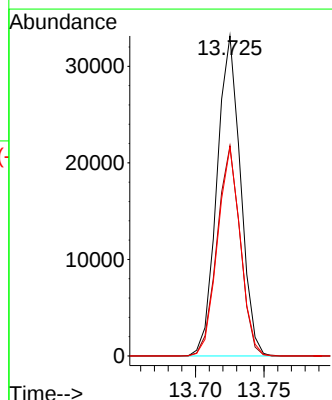
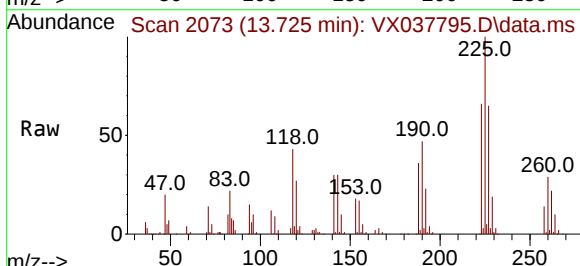
RT: 13.725 min Scan# 2073

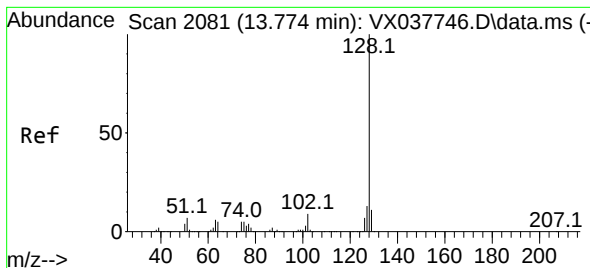
Delta R.T. -0.000 min

Lab File: VX037795.D

Acq: 19 Sep 2023 10:58

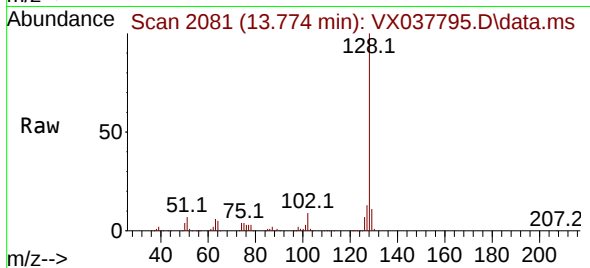
Tgt Ion:225	Resp:	39535
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.1 93.2
227	63.3	32.5 97.5





#95
Naphthalene
Concen: 18.474 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

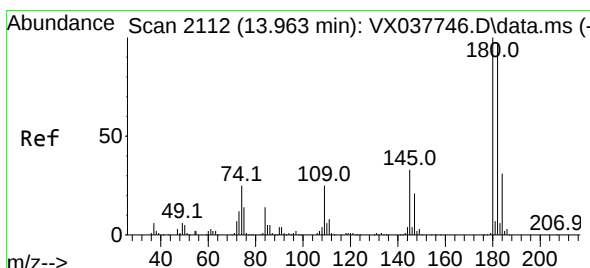
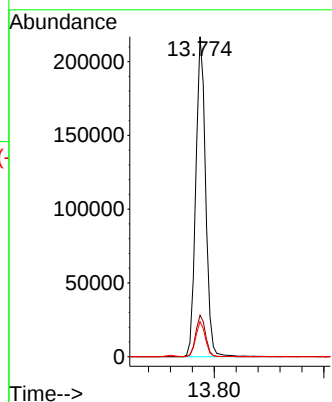
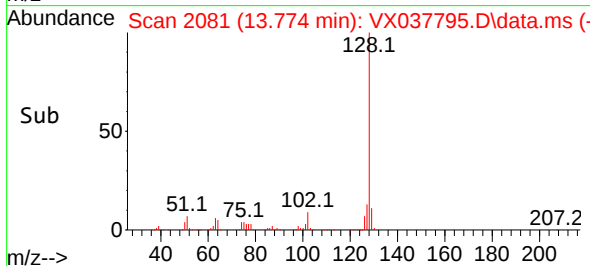
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01



Tgt Ion:128 Resp: 27146
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.879 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037795.D
Acq: 19 Sep 2023 10:58

Tgt Ion:180 Resp: 84417
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 33.8 17.8 53.5

