

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031306.D
 Acq On : 14 Sep 2022 13:35
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 01:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	52260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	29251	22.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	45.600%	#	
35) Dibromofluoromethane	5.391	113	20724	22.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	44.240%	#	
50) Toluene-d8	8.653	98	80176	22.810	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	45.620%	#	
62) 4-Bromofluorobenzene	11.079	95	29129	22.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	45.260%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	11787	20.889	ug/l	98
3) Chloromethane	1.288	50	15656	18.133	ug/l	94
4) Vinyl Chloride	1.374	62	18277	20.017	ug/l	98
5) Bromomethane	1.611	94	13238	19.333	ug/l	100
6) Chloroethane	1.685	64	14028	18.152	ug/l	95
7) Trichlorofluoromethane	1.886	101	34322	20.506	ug/l	96
8) Diethyl Ether	2.136	74	14024	19.282	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	15566	19.667	ug/l	96
10) Methyl Iodide	2.453	142	15024	19.582	ug/l	99
11) Tert butyl alcohol	2.995	59	34300	111.514	ug/l	97
12) 1,1-Dichloroethene	2.319	96	13891	19.038	ug/l	98
13) Acrolein	2.239	56	14656	99.010	ug/l	93
14) Allyl chloride	2.666	41	31371	19.463	ug/l	97
15) Acrylonitrile	3.069	53	60989	103.086	ug/l	99
16) Acetone	2.392	43	54563	99.639	ug/l	99
17) Carbon Disulfide	2.508	76	27991	17.553	ug/l	100
18) Methyl Acetate	2.709	43	33988	20.931	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	68885	20.387	ug/l	99
20) Methylene Chloride	2.788	84	18682	17.764	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	16415	18.026	ug/l	92
22) Diisopropyl ether	3.764	45	69079	20.480	ug/l	97
23) Vinyl Acetate	3.721	43	289504	103.278	ug/l	98
24) 1,1-Dichloroethane	3.611	63	36495	20.617	ug/l	99
25) 2-Butanone	4.568	43	91153	100.916	ug/l	96
26) 2,2-Dichloropropane	4.471	77	33593	20.003	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	20439	19.064	ug/l	96
28) Bromochloromethane	4.897	49	17473	21.177	ug/l	94
29) Tetrahydrofuran	5.007	42	56493	100.964	ug/l	98
30) Chloroform	5.099	83	37680	20.101	ug/l	98
31) Cyclohexane	5.471	56	27497	19.953	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	33571	19.987	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24799	19.336	ug/l	98
37) Ethyl Acetate	4.721	43	33909	20.119	ug/l	100
38) Carbon Tetrachloride	5.678	117	27868	19.989	ug/l	97
39) Methylcyclohexane	7.379	83	27439	19.427	ug/l	99
40) Benzene	6.044	78	75352	20.459	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18789	20.578	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31400	21.137	ug/l	97
43) Isopropyl Acetate	6.342	43	59132	20.554	ug/l	99
44) Trichloroethene	7.129	130	18433	19.630	ug/l	99
45) 1,2-Dichloropropane	7.434	63	20960	20.788	ug/l	93
46) Dibromomethane	7.580	93	14394	20.130	ug/l	100
47) Bromodichloromethane	7.824	83	30838	20.735	ug/l #	98
48) Methyl methacrylate	7.696	41	26968	20.592	ug/l	97
49) 1,4-Dioxane	7.696	88	10581	442.160	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	183254	104.793	ug/l	100
52) Toluene	8.720	92	48361	20.758	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	34773	20.777	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	35009	20.355	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	20997	20.416	ug/l	97
56) Ethyl methacrylate	9.116	69	34826	20.918	ug/l	96
57) 1,3-Dichloropropane	9.311	76	36181	20.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	81757	105.396	ug/l	97
59) 2-Hexanone	9.433	43	138129	103.492	ug/l	100
60) Dibromochloromethane	9.519	129	22435	20.234	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22261	21.095	ug/l	99
64) Tetrachloroethene	9.275	164	17538	19.561	ug/l	99
65) Chlorobenzene	10.079	112	52512	20.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20821	20.348	ug/l	97
67) Ethyl Benzene	10.195	91	96622	20.540	ug/l	97
68) m/p-Xylenes	10.305	106	72948	40.840	ug/l	95
69) o-Xylene	10.640	106	37056	20.425	ug/l	98
70) Styrene	10.659	104	61182	20.738	ug/l	98
71) Bromoform	10.799	173	15893	19.510	ug/l #	99
73) Isopropylbenzene	10.963	105	96431	20.286	ug/l	98
74) N-amyl acetate	10.842	43	47730	20.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	34672	20.296	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34279m	19.363	ug/l	
77) Bromobenzene	11.201	156	21611	19.939	ug/l	90
78) n-propylbenzene	11.305	91	114140	20.460	ug/l	97
79) 2-Chlorotoluene	11.366	91	69160	20.261	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	82276	20.659	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	12243	20.888	ug/l	97
82) 4-Chlorotoluene	11.457	91	80770	20.644	ug/l	96
83) tert-Butylbenzene	11.713	119	81547	20.466	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	82343	20.803	ug/l	100
85) sec-Butylbenzene	11.890	105	104333	20.911	ug/l	98
86) p-Isopropyltoluene	12.012	119	84697	20.832	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41195	19.935	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	42559	20.039	ug/l	98
89) n-Butylbenzene	12.335	91	74769	20.738	ug/l	98
90) Hexachloroethane	12.542	117	16377	20.170	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	42770	20.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8726	19.319	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	22707	19.932	ug/l	99
94) Hexachlorobutadiene	13.725	225	8611	19.364	ug/l	95
95) Naphthalene	13.774	128	93176	20.131	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23167	18.990	ug/l	100

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:23:56 2022
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

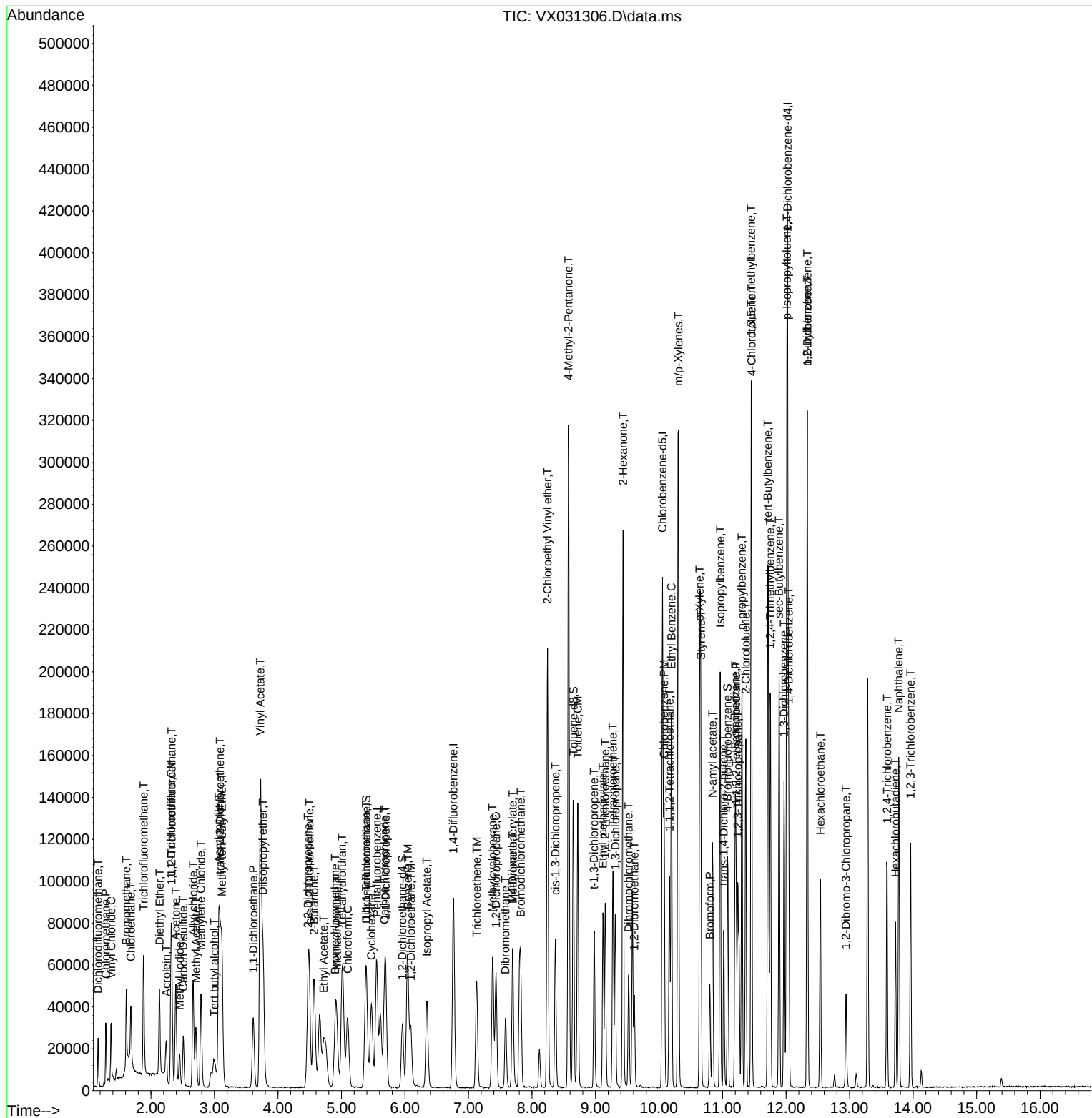
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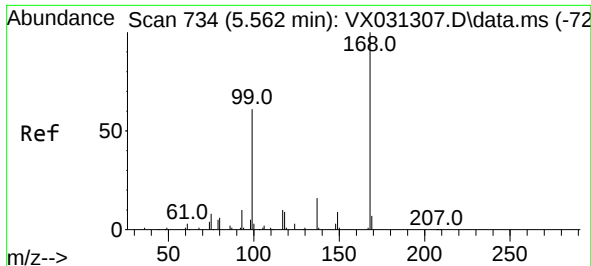
Instrument :
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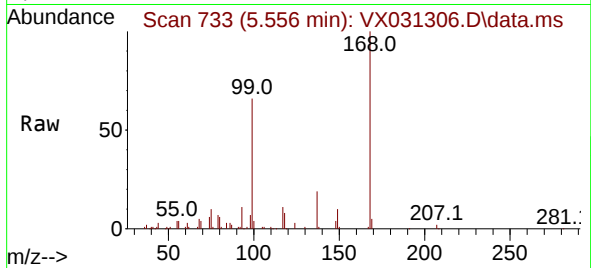
Reviewed By : John Carlone 09/15/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

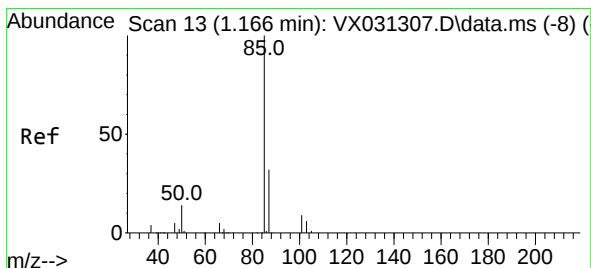
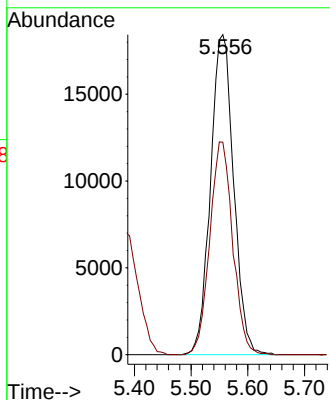
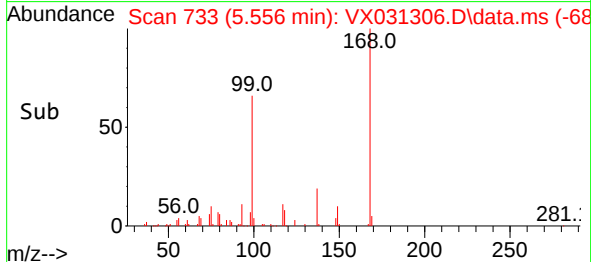
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 52260
Ion Ratio Lower Upper
168 100
99 66.4 48.8 73.2

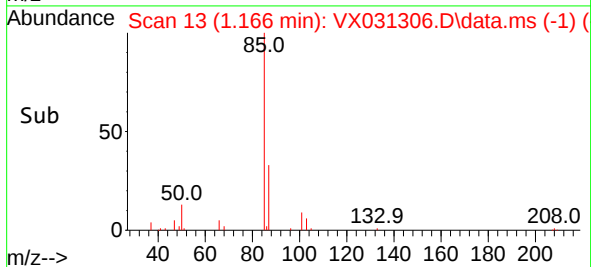
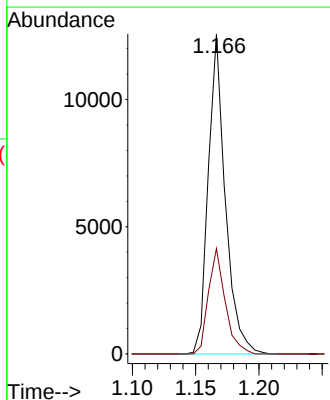
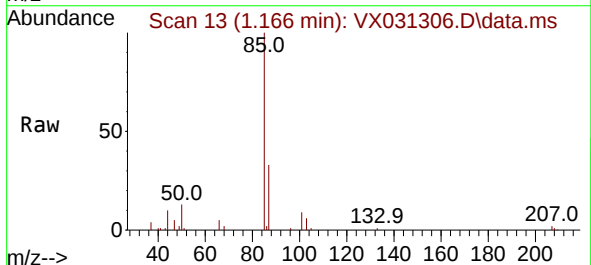
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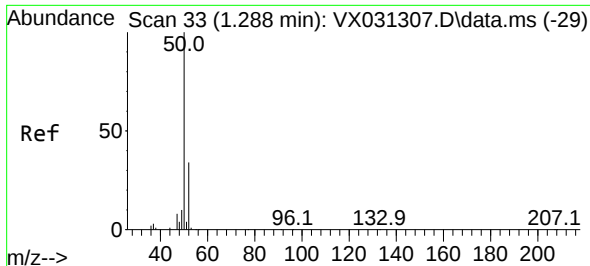
Reviewed By :John Carlone 09/15/2022
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#2
Dichlorodifluoromethane
Concen: 20.889 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

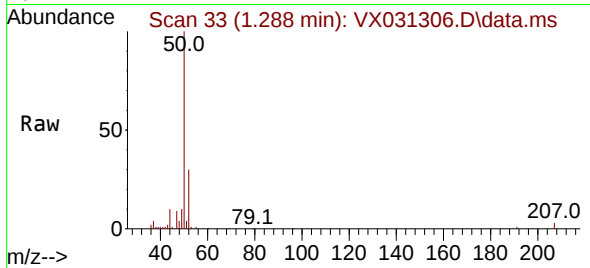
Tgt Ion: 85 Resp: 11787
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 18.133 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

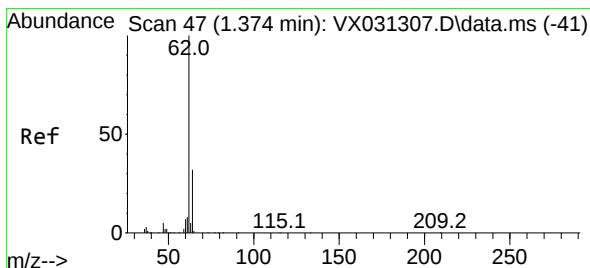
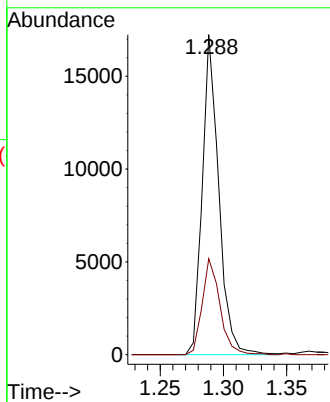
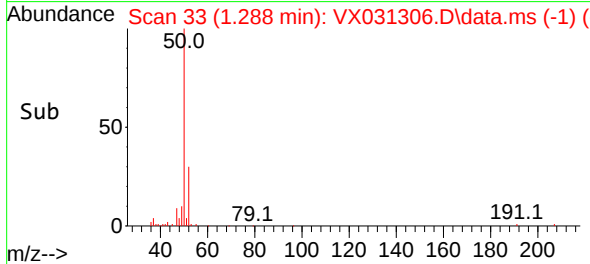
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 15650
Ion Ratio Lower Upper
50 100
52 30.0 26.9 40.3

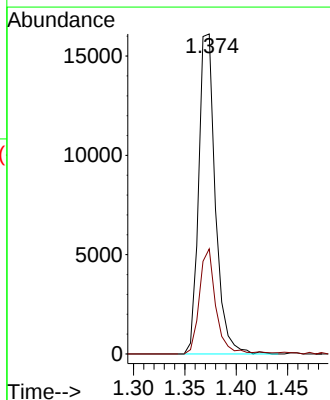
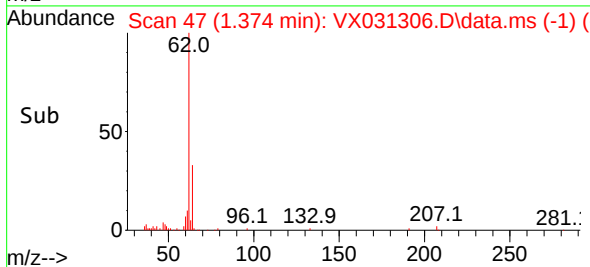
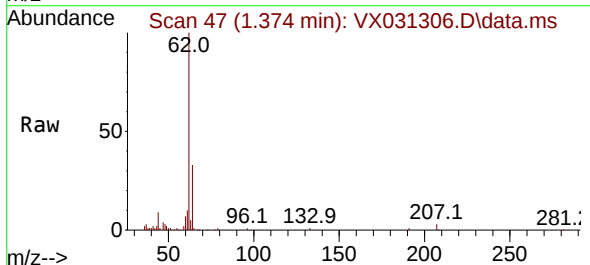
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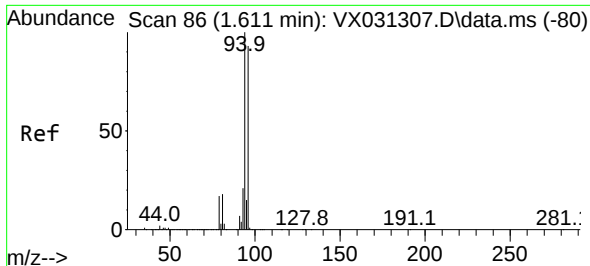
Reviewed By :John Carlone 09/15/2022
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#4
Vinyl Chloride
Concen: 20.017 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 62 Resp: 18277
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9





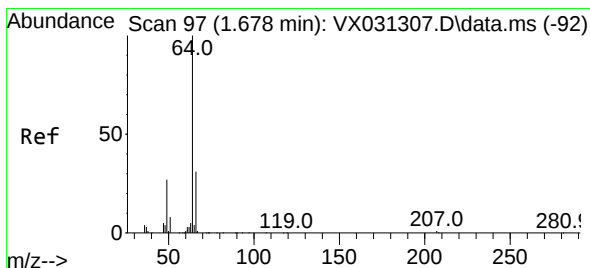
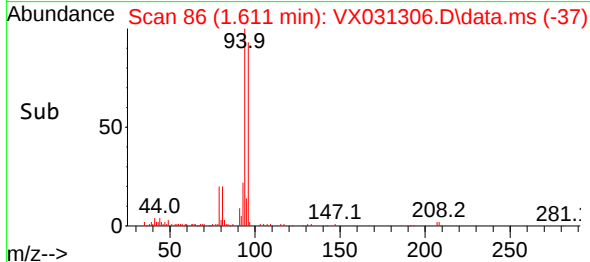
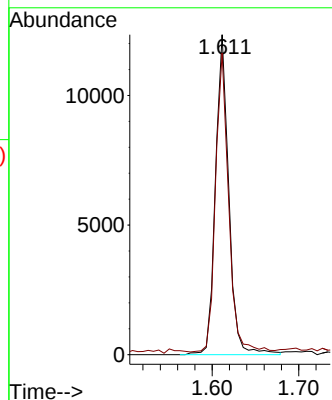
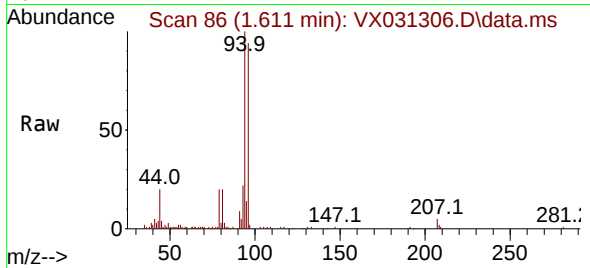
#5
Bromomethane
Concen: 19.333 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 13238
Ion Ratio Lower Upper
94 100
96 93.1 74.4 111.6

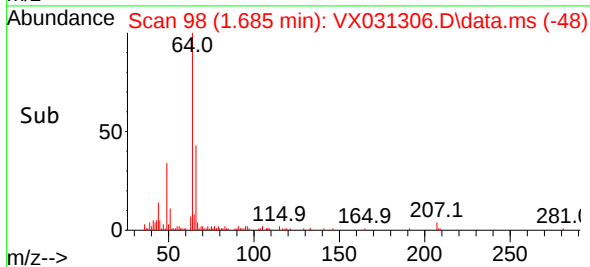
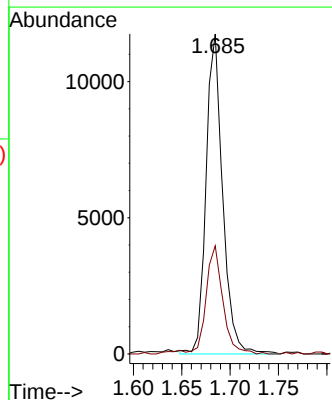
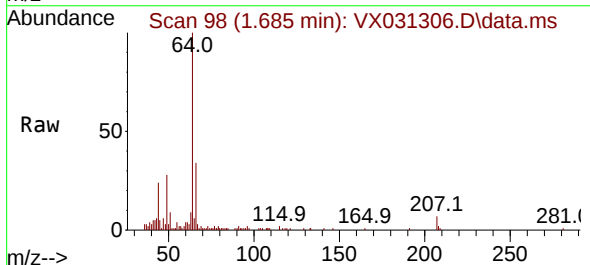
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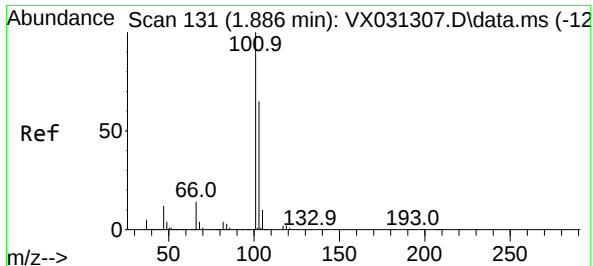
Reviewed By :John Carlone 09/15/2022
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#6
Chloroethane
Concen: 18.152 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

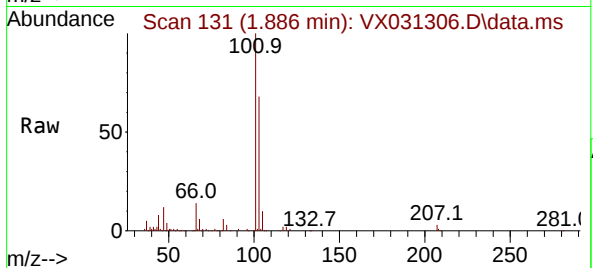
Tgt Ion: 64 Resp: 14028
Ion Ratio Lower Upper
64 100
66 33.8 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 20.506 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

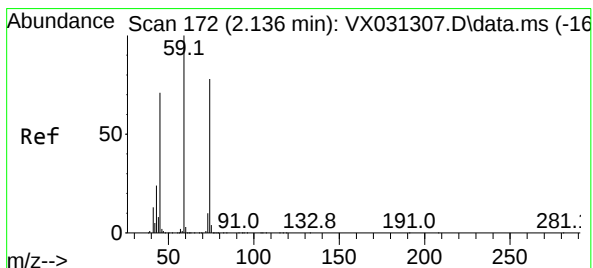
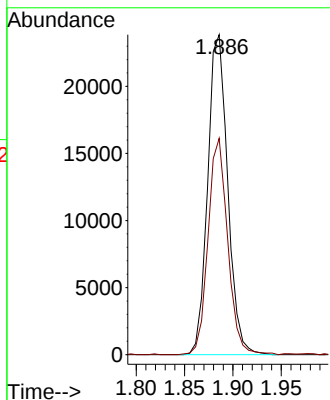
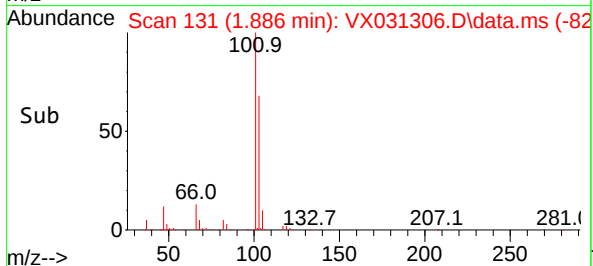
Instrument :
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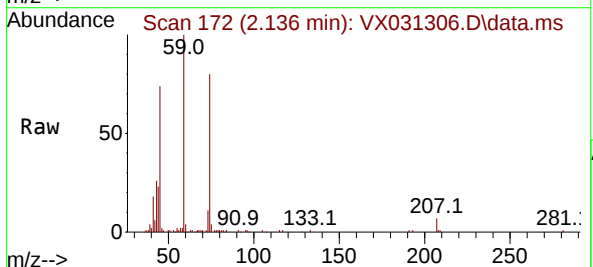
Tgt Ion:101 Resp: 3432
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.8 77.6

Manual Integrations
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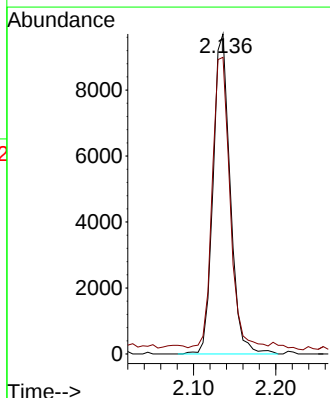
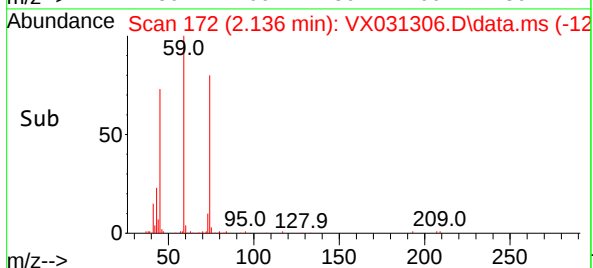
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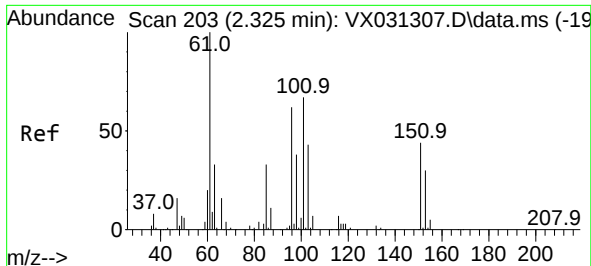


#8
 Diethyl Ether
 Concen: 19.282 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35



Tgt Ion: 74 Resp: 14024
 Ion Ratio Lower Upper
 74 100
 45 93.4 48.5 145.6





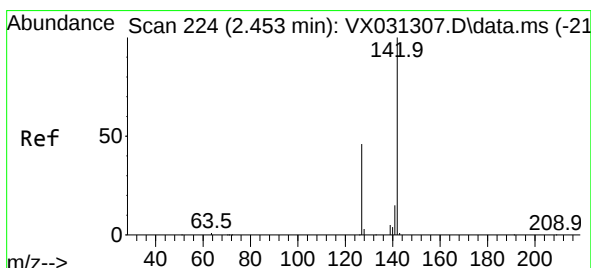
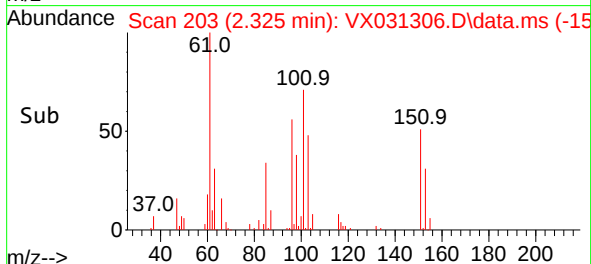
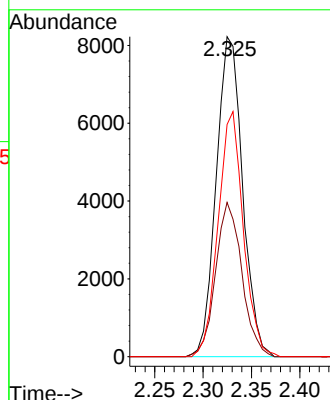
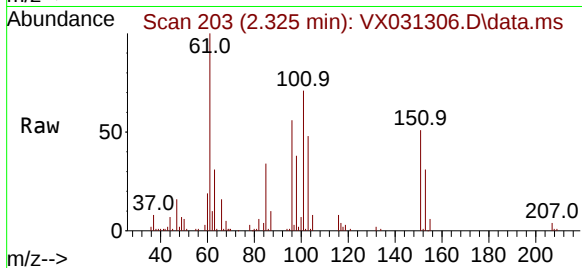
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.667 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1556
Ion Ratio Lower Upper
101 100
85 48.0 38.6 57.8
151 73.4 54.0 81.0

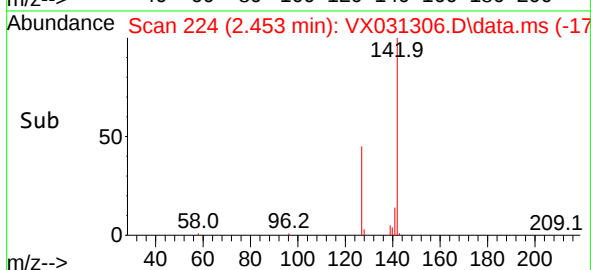
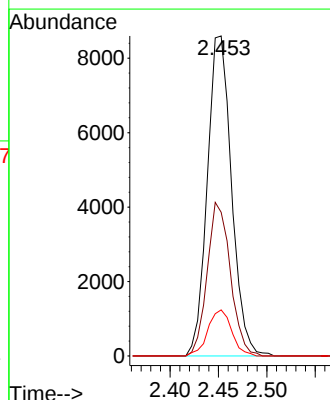
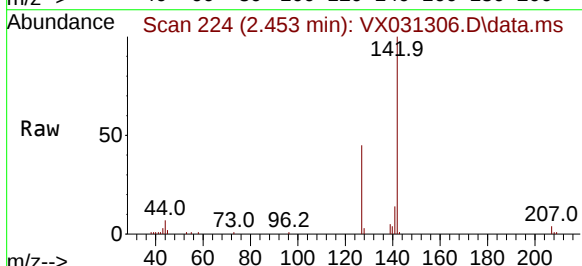
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#10
Methyl Iodide
Concen: 19.582 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

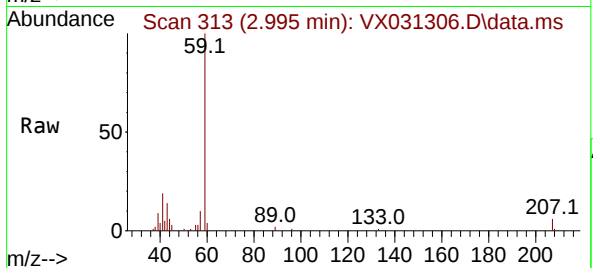
Tgt Ion:142 Resp: 15024
Ion Ratio Lower Upper
142 100
127 45.8 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 111.514 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

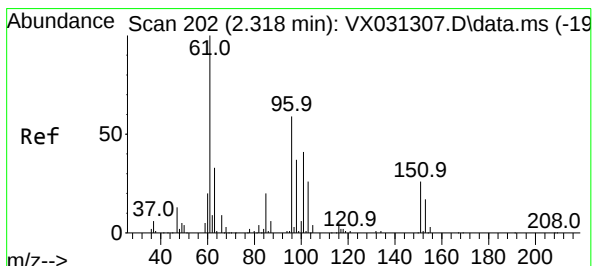
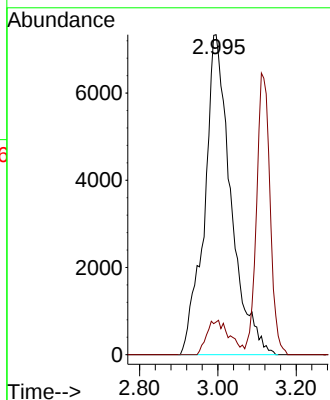
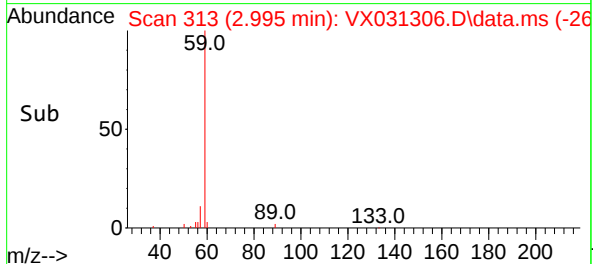
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 34300
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

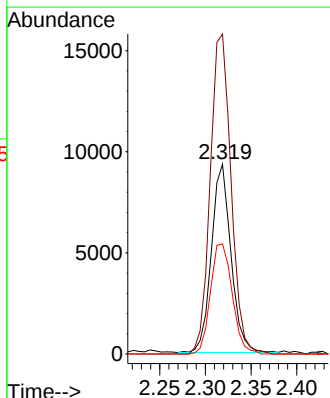
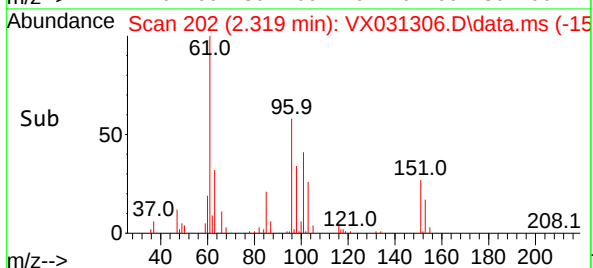
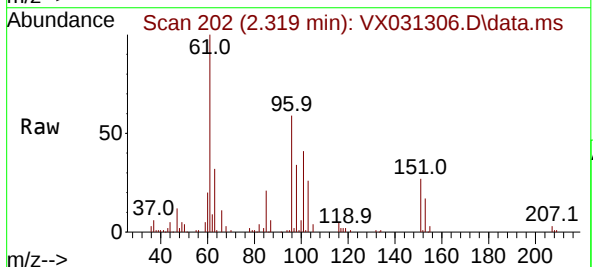
Manual Integrations
APPROVED

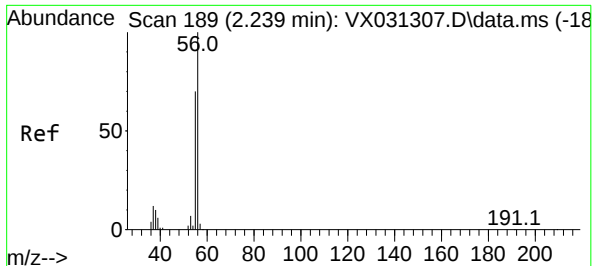
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#12
1,1-Dichloroethene
Concen: 19.038 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 96 Resp: 13891
Ion Ratio Lower Upper
96 100
61 169.8 135.3 202.9
98 58.4 49.4 74.2





#13

Acrolein

Concen: 99.010 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 14650

Ion Ratio Lower Upper

56 100

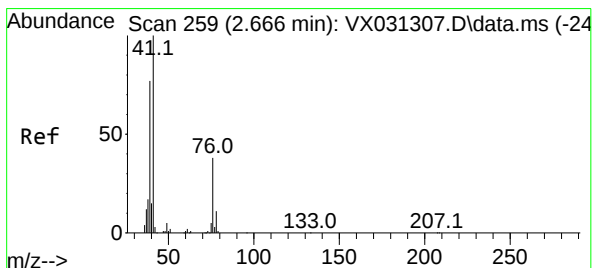
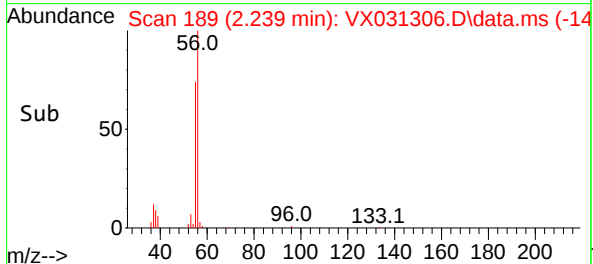
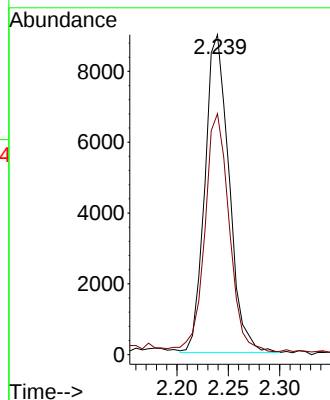
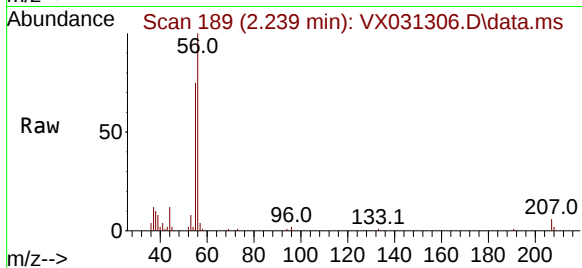
55 75.4 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#14

Allyl chloride

Concen: 19.463 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

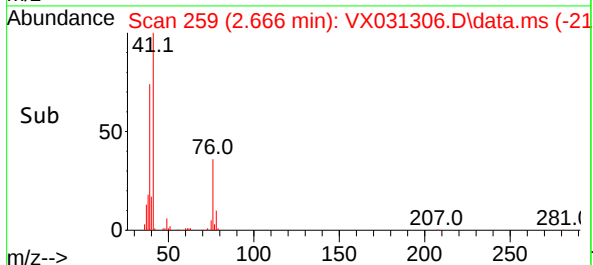
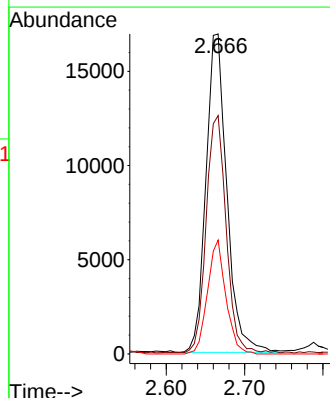
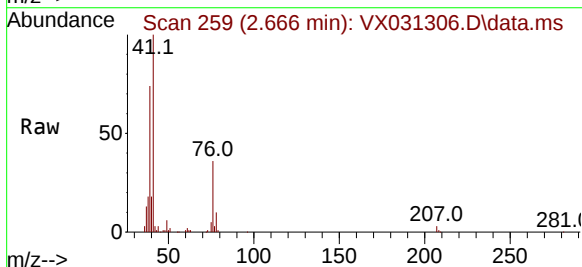
Tgt Ion: 41 Resp: 31371

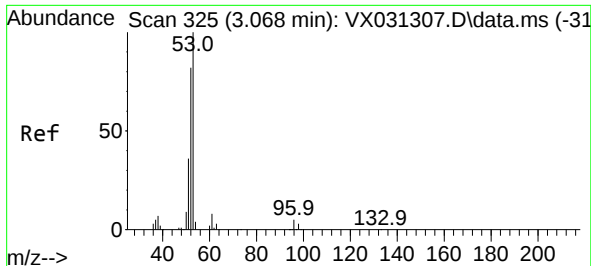
Ion Ratio Lower Upper

41 100

39 70.7 58.2 87.4

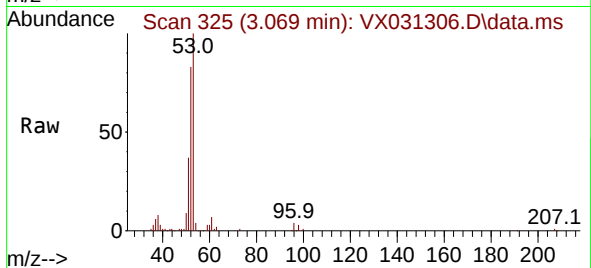
76 31.4 26.9 40.3





#15
Acrylonitrile
Concen: 103.086 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

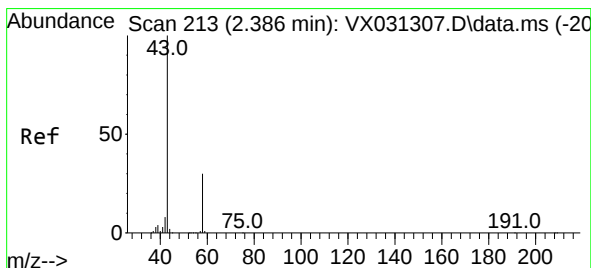
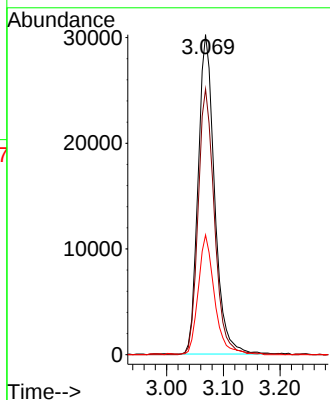
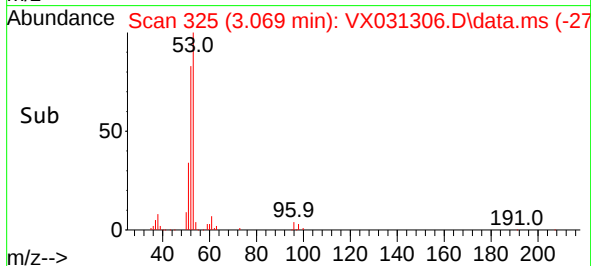
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



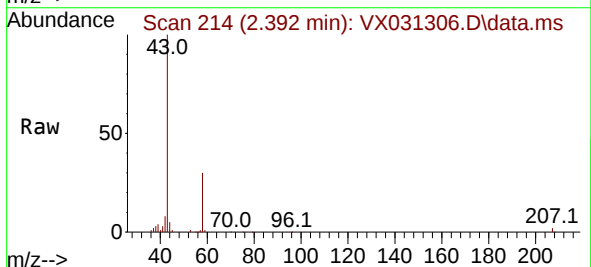
Tgt Ion: 53 Resp: 60989
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 37.3 30.0 45.0

Manual Integrations
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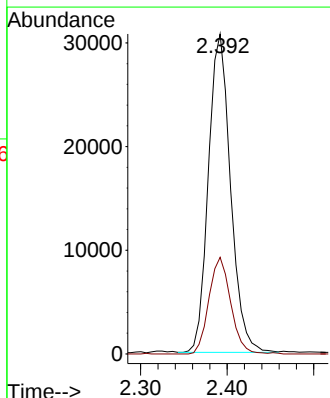
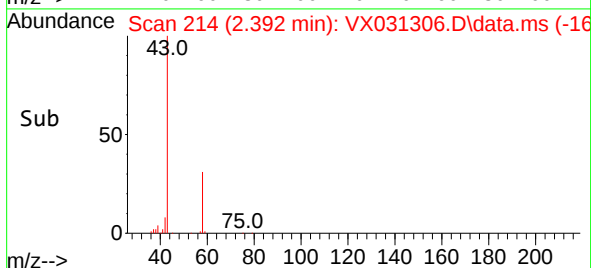
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

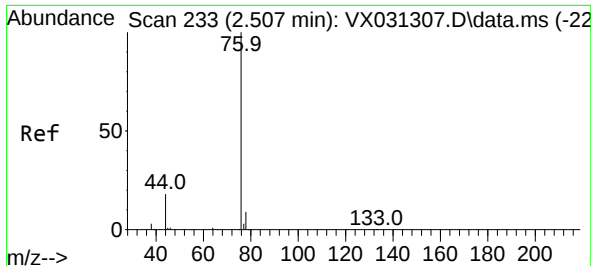


#16
Acetone
Concen: 99.639 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion: 43 Resp: 54563
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





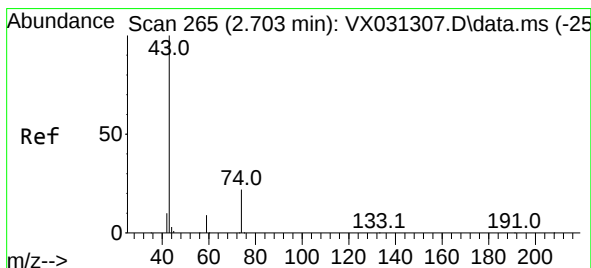
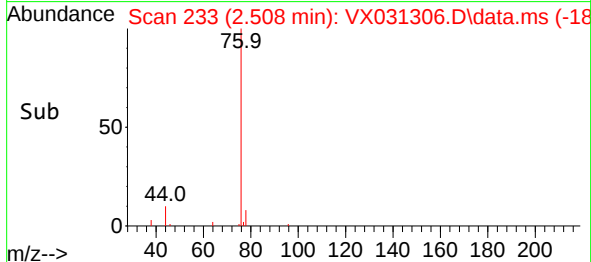
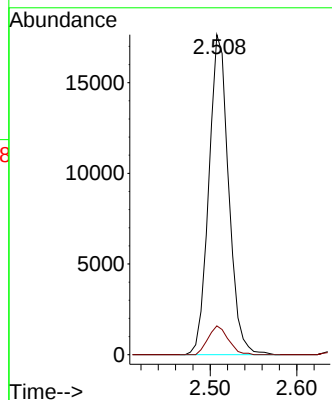
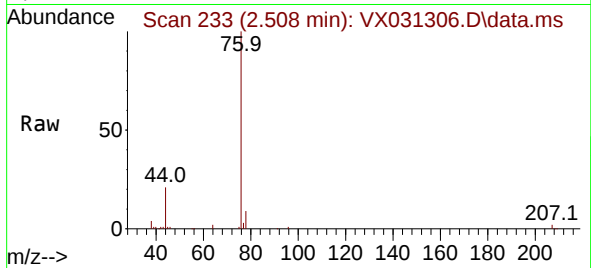
#17
Carbon Disulfide
Concen: 17.553 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 2799
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

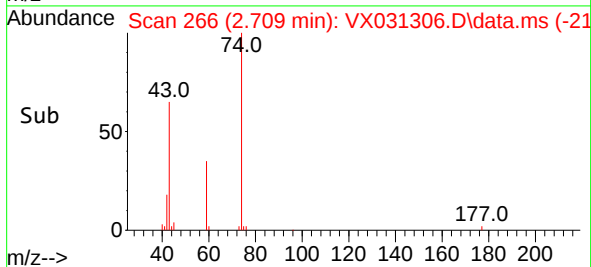
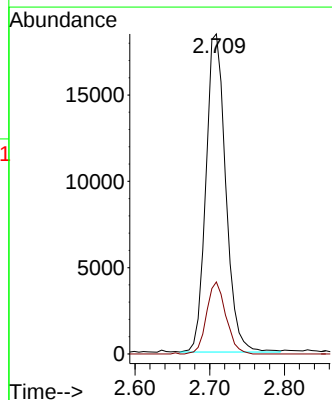
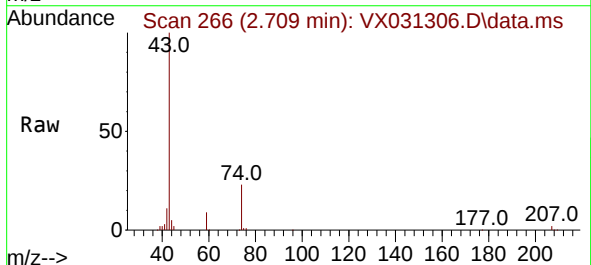
Manual Integrations
APPROVED

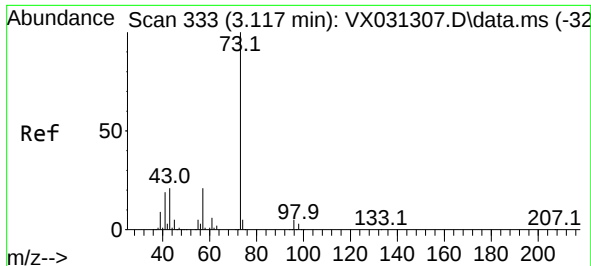
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#18
Methyl Acetate
Concen: 20.931 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 43 Resp: 33988
Ion Ratio Lower Upper
43 100
74 22.0 18.6 27.8





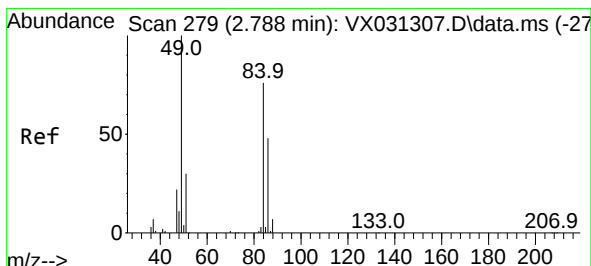
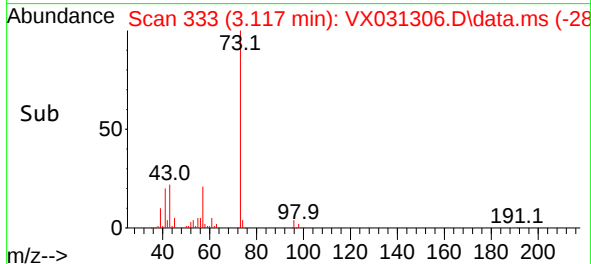
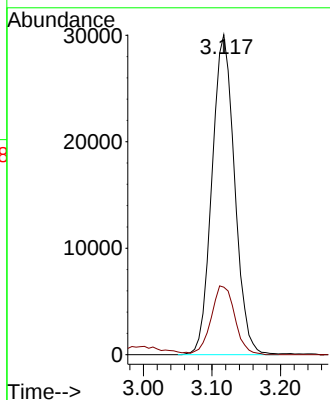
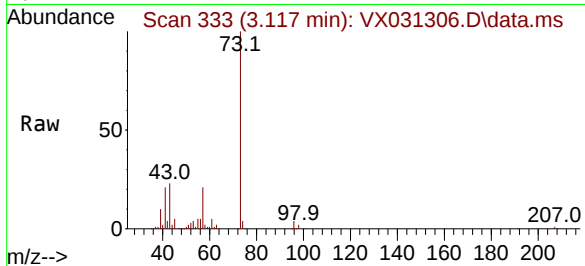
#19
Methyl tert-butyl Ether
Concen: 20.387 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 6888
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

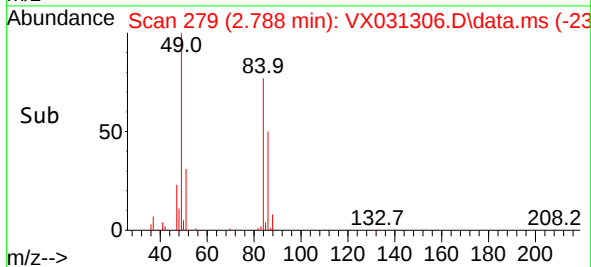
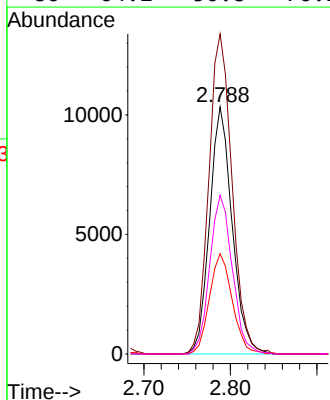
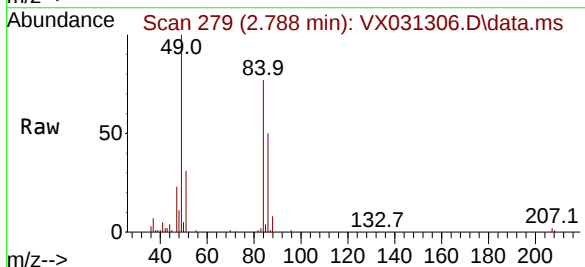
Manual Integrations
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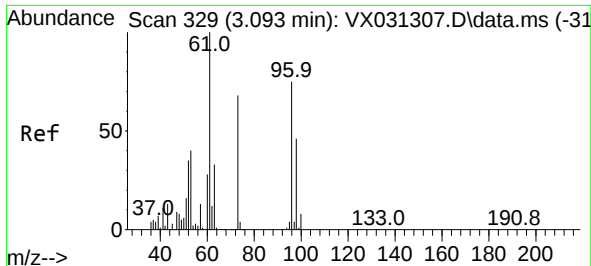
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#20
Methylene Chloride
Concen: 17.764 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 84 Resp: 18682
Ion Ratio Lower Upper
84 100
49 129.5 105.9 158.9
51 40.6 32.2 48.2
86 64.2 50.8 76.2





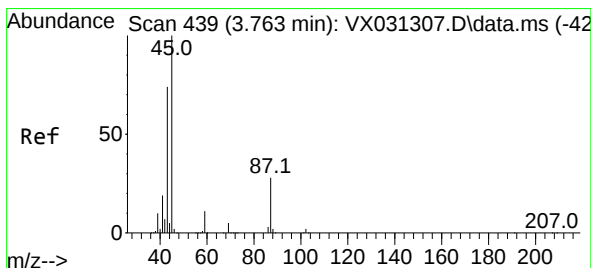
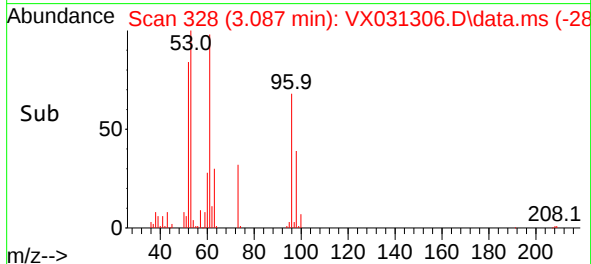
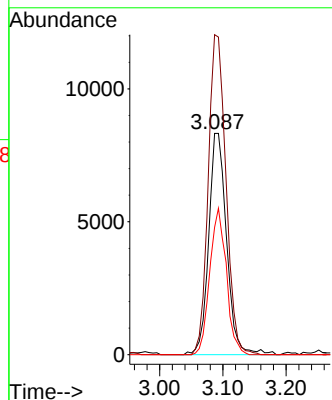
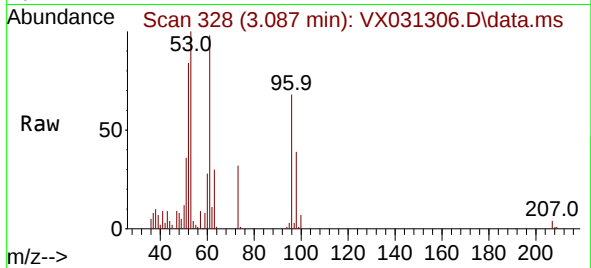
#21
trans-1,2-Dichloroethene
Concen: 18.026 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 1641
Ion Ratio Lower Upper
96 100
61 144.6 106.7 160.1
98 57.5 48.7 73.1

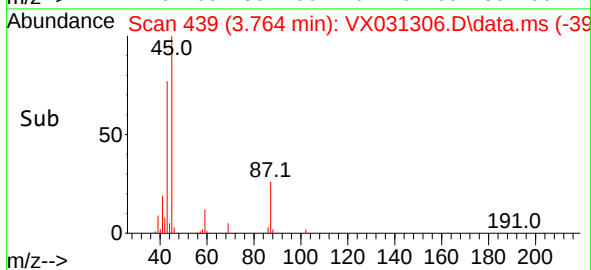
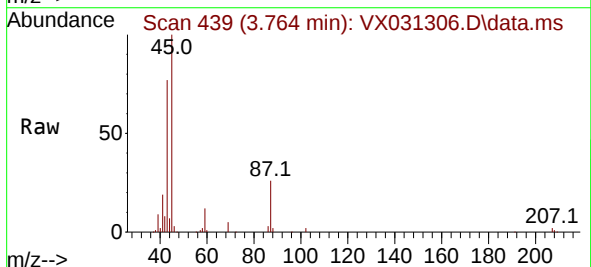
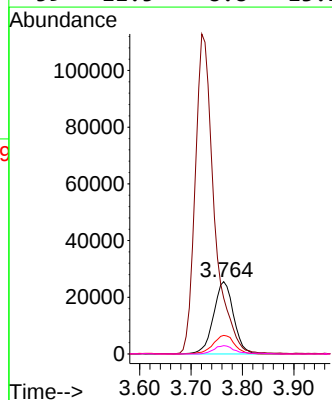
Manual Integrations
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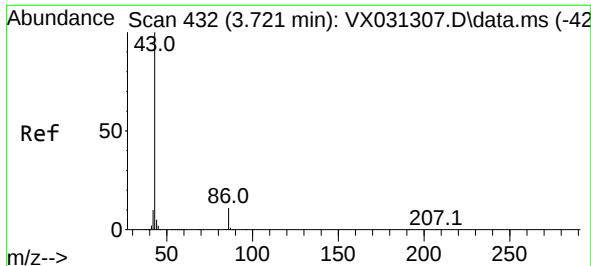
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#22
Diisopropyl ether
Concen: 20.480 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 45 Resp: 69079
Ion Ratio Lower Upper
45 100
43 76.0 59.0 88.6
87 25.7 22.6 33.8
59 11.5 8.8 13.2





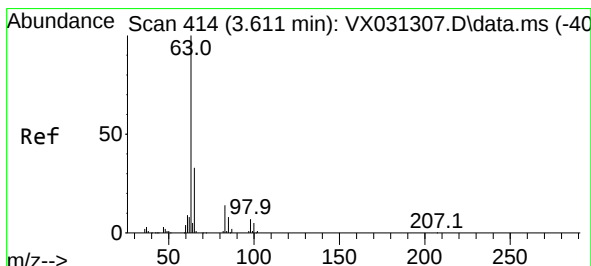
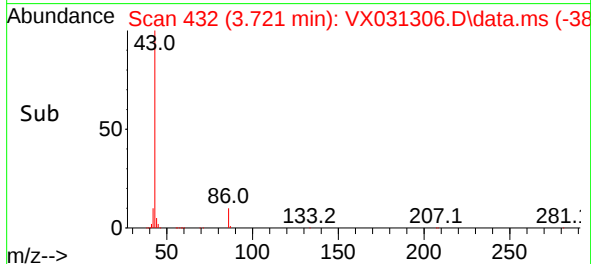
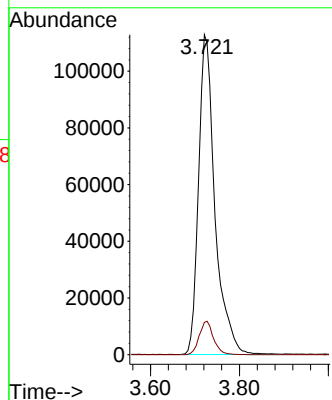
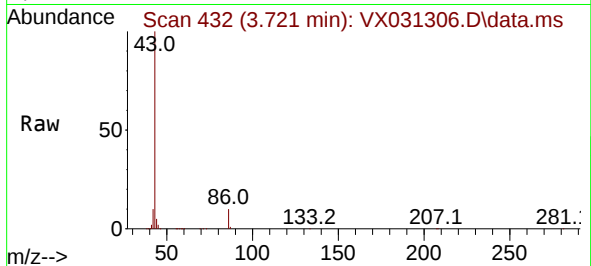
#23
 Vinyl Acetate
 Concen: 103.278 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 289504
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.7 13.1

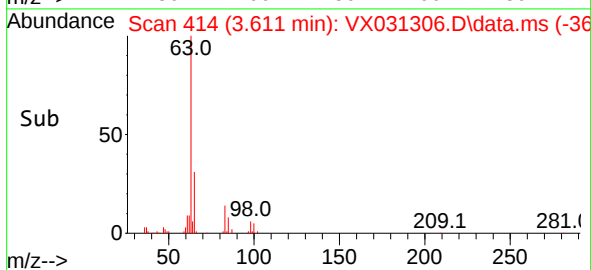
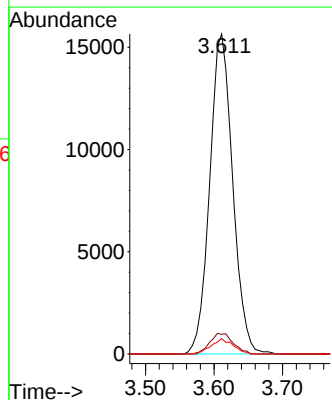
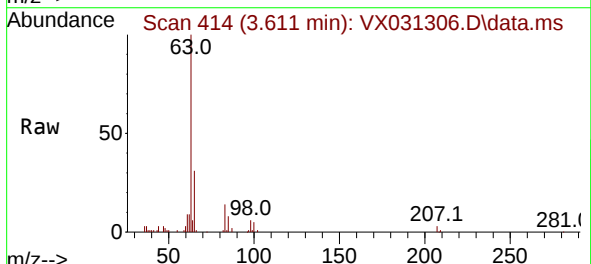
Manual Integrations
 APPROVED

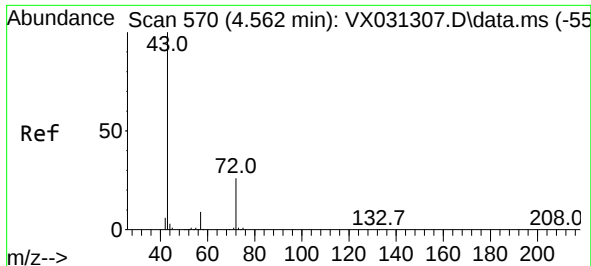
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#24
 1,1-Dichloroethane
 Concen: 20.617 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

Tgt Ion: 63 Resp: 36495
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.8 2.4 7.2





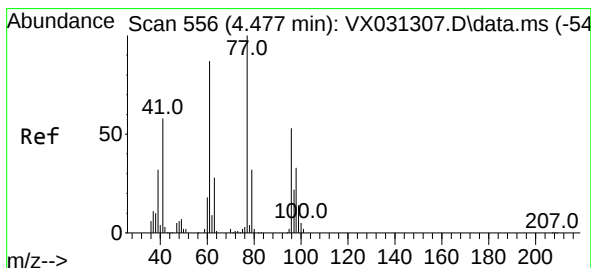
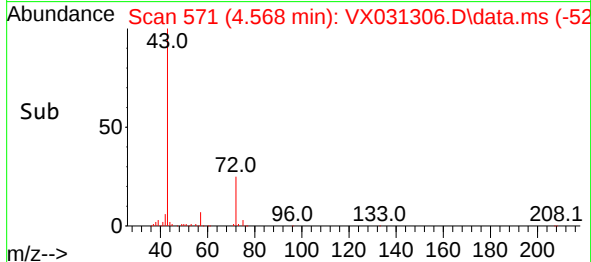
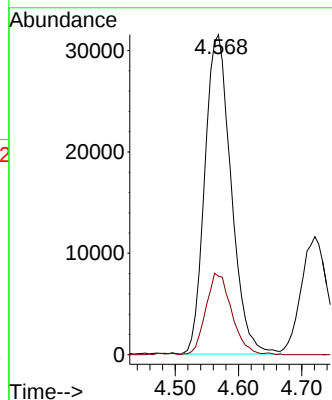
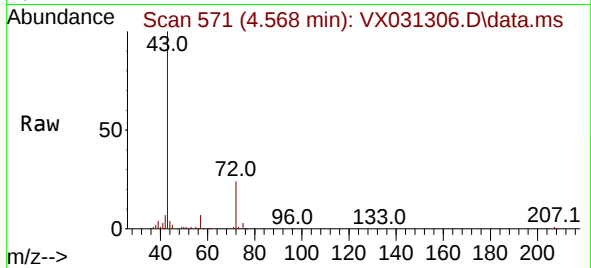
#25
2-Butanone
Concen: 100.916 ug/l
RT: 4.568 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9115
Ion Ratio Lower Upper
43 100
72 24.5 21.1 31.7

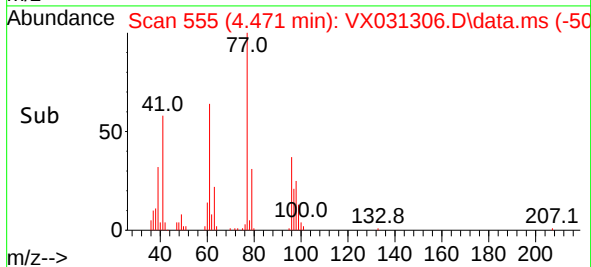
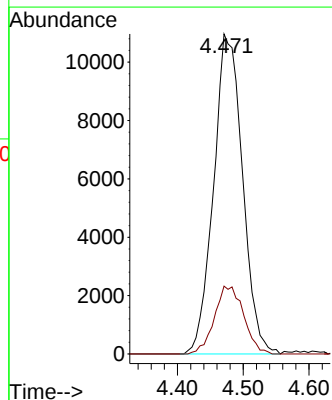
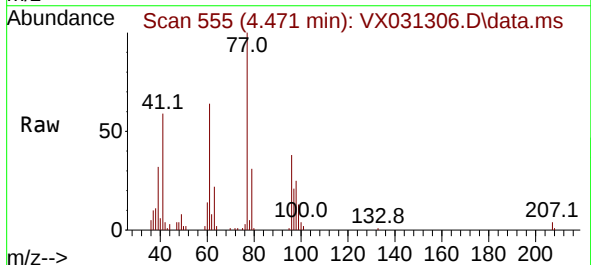
Manual Integrations
APPROVED

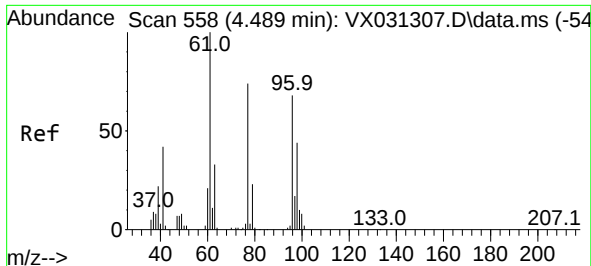
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#26
2,2-Dichloropropane
Concen: 20.003 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 77 Resp: 33593
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.6





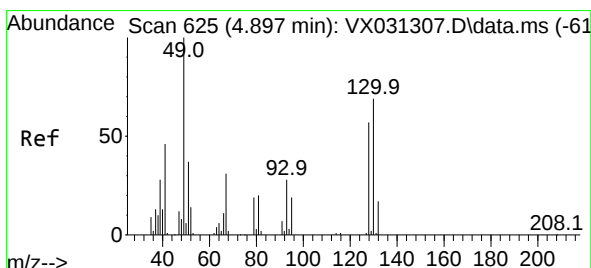
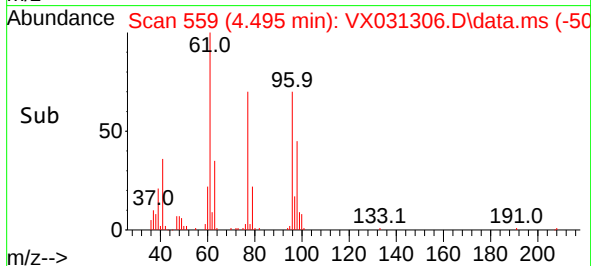
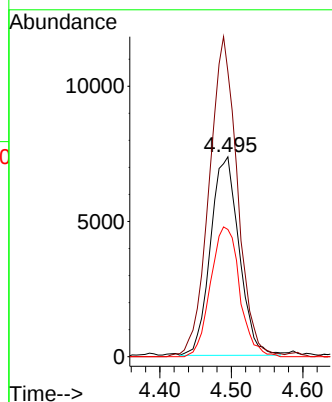
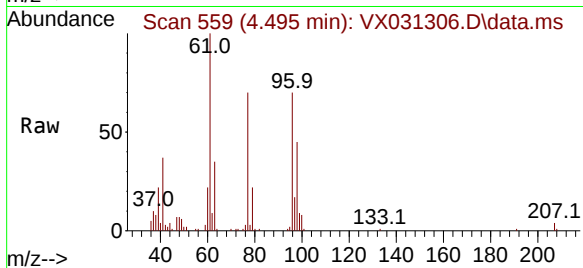
#27
 cis-1,2-Dichloroethene
 Concen: 19.064 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 20439
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 305.2
 98 66.3 0.0 128.4

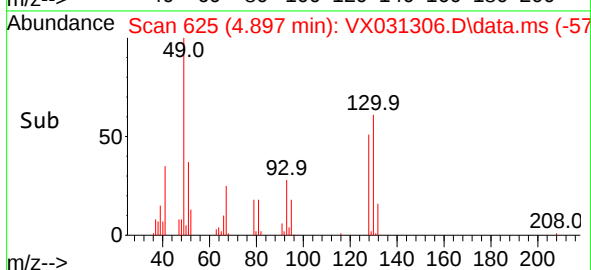
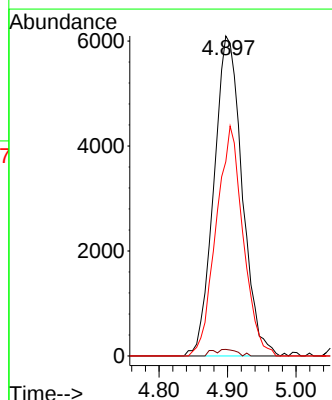
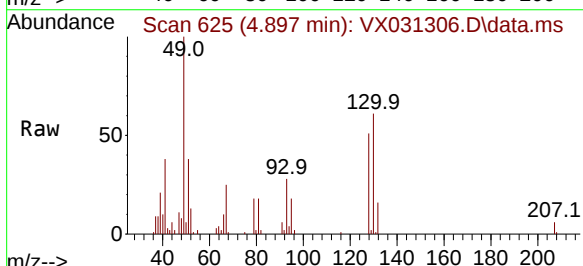
Manual Integrations
 APPROVED

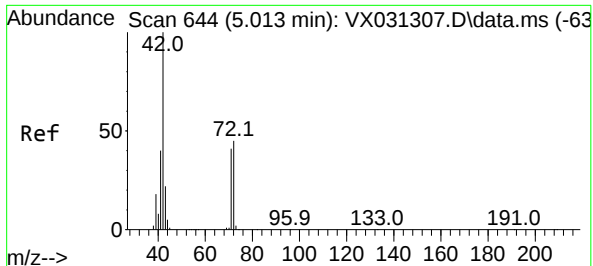
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#28
 Bromochloromethane
 Concen: 21.177 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

Tgt Ion: 49 Resp: 17473
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.6
 130 68.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 100.964 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

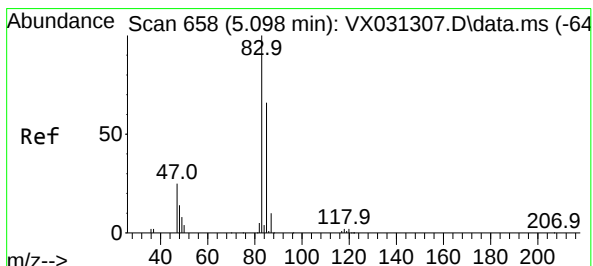
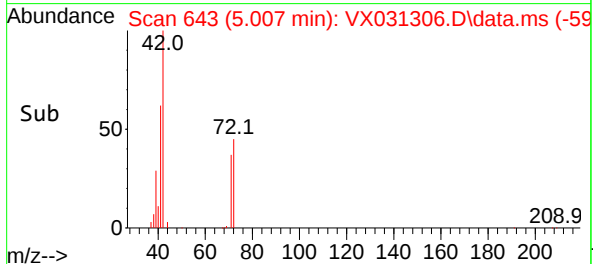
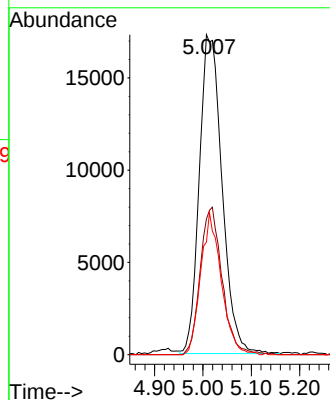
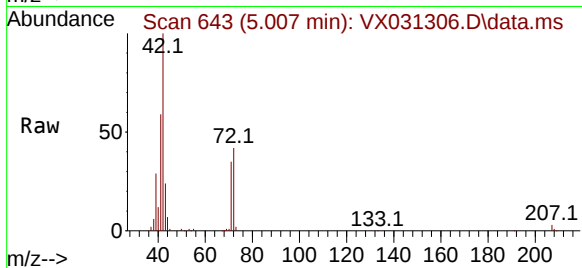
Tgt Ion:	42	Resp:	5649
Ion Ratio	Lower	Upper	
42	100		
72	44.6	36.4	54.6
71	40.2	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#30

Chloroform

Concen: 20.101 ug/l

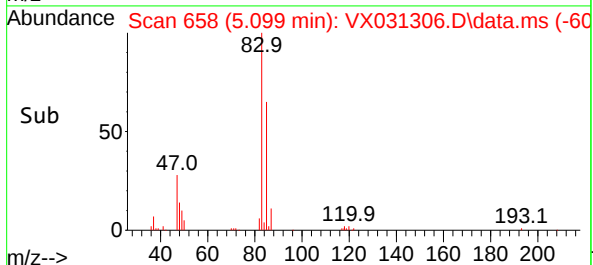
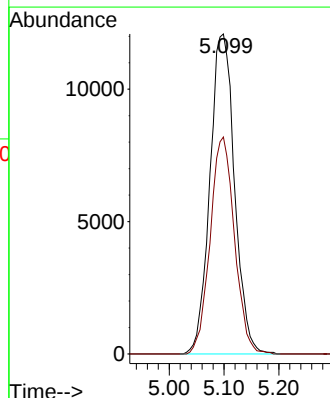
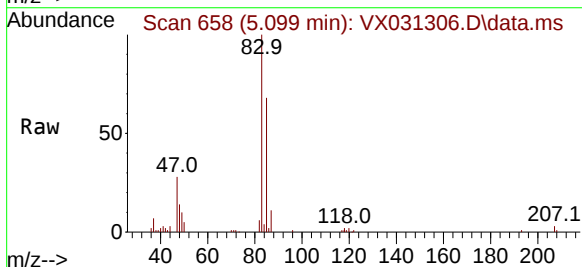
RT: 5.099 min Scan# 658

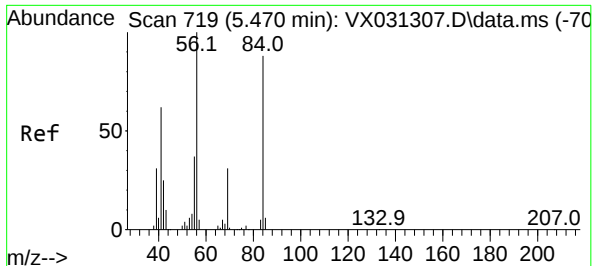
Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

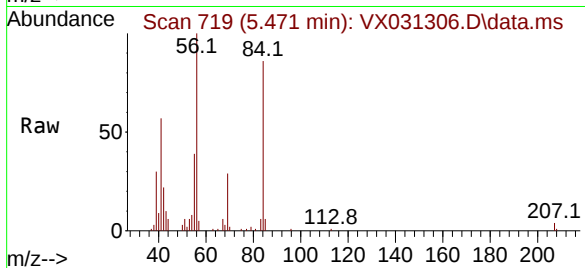
Tgt Ion:	83	Resp:	37680
Ion Ratio	Lower	Upper	
83	100		
85	67.8	52.8	79.2





#31
Cyclohexane
Concen: 19.953 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

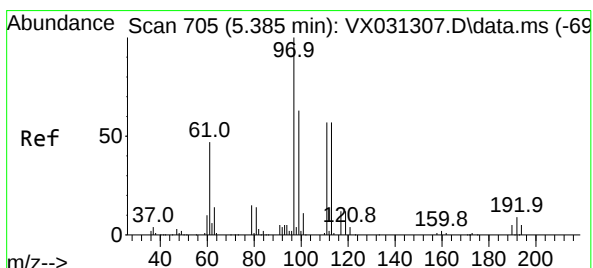
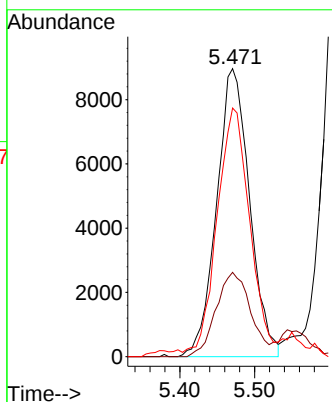
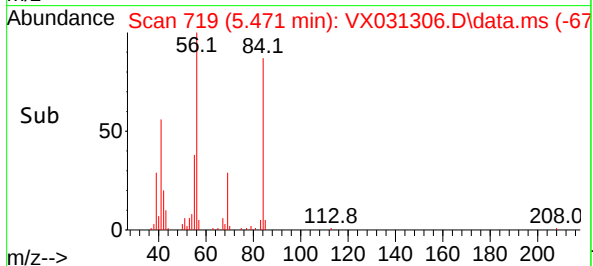
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



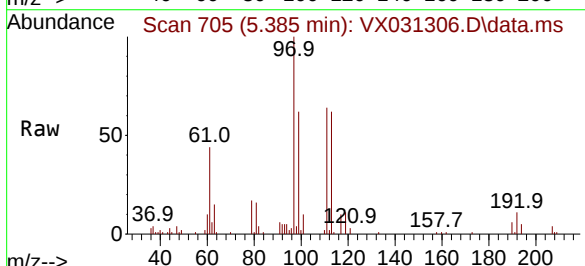
Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 29.3 25.1 37.7
84 84.0 70.2 105.4

Manual Integrations
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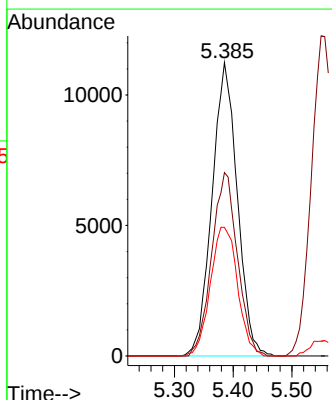
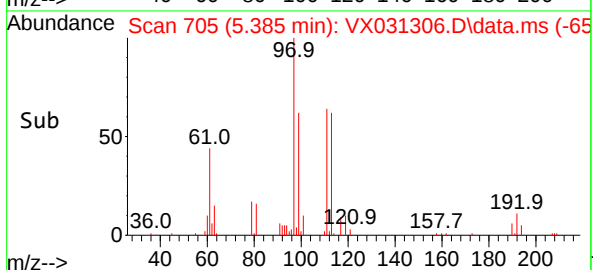
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

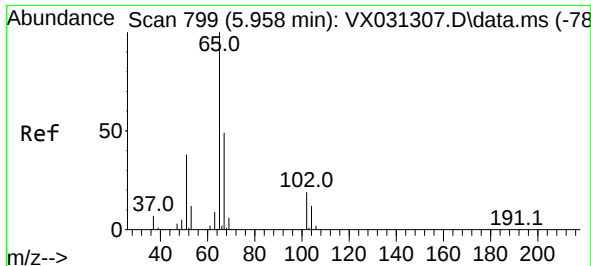


#32
1,1,1-Trichloroethane
Concen: 19.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion: 97 Resp: 33571
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 47.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 22.803 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 2925

Ion Ratio Lower Upper

65 100

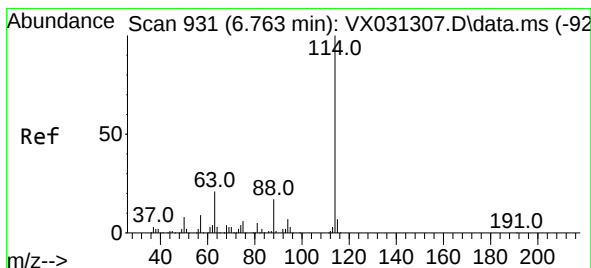
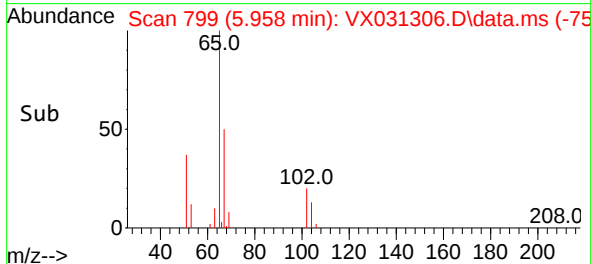
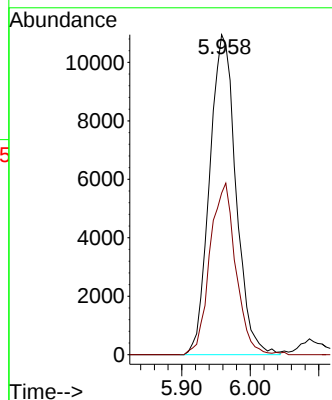
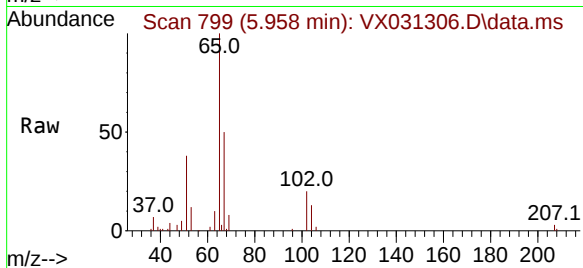
67 52.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

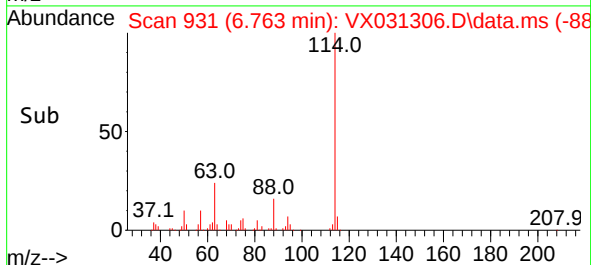
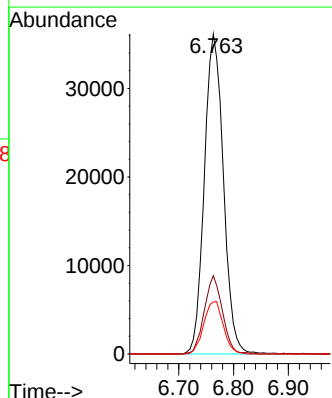
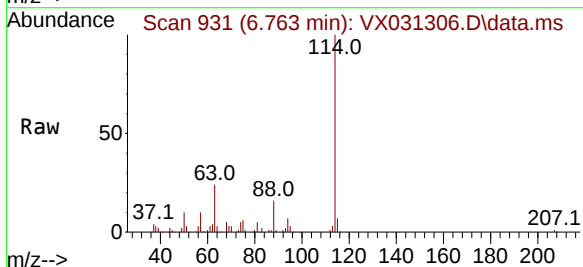
Tgt Ion:114 Resp: 87172

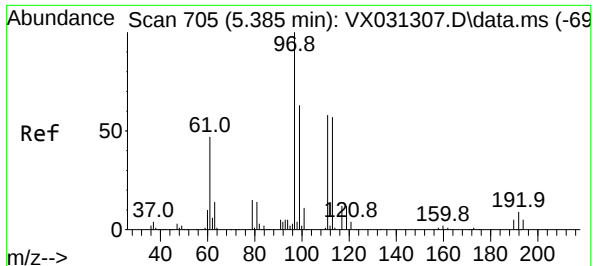
Ion Ratio Lower Upper

114 100

63 24.4 0.0 42.6

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 22.117 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

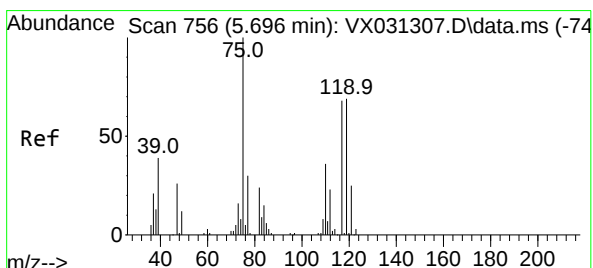
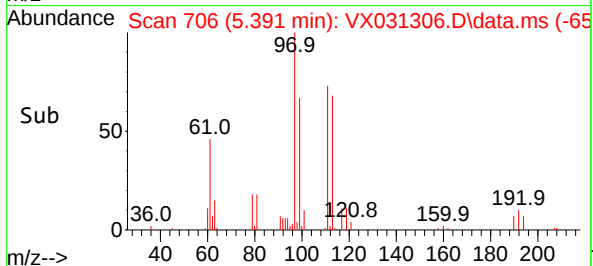
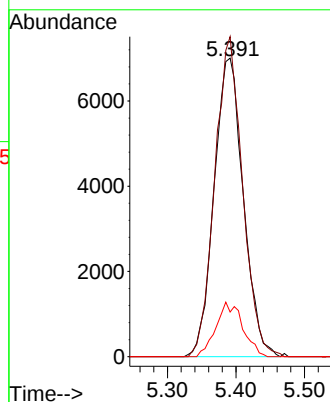
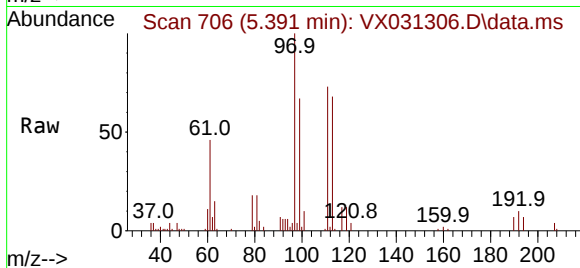
Tgt Ion:	113	Resp:	20724
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	16.8	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#36

1,1-Dichloropropene

Concen: 19.336 ug/l

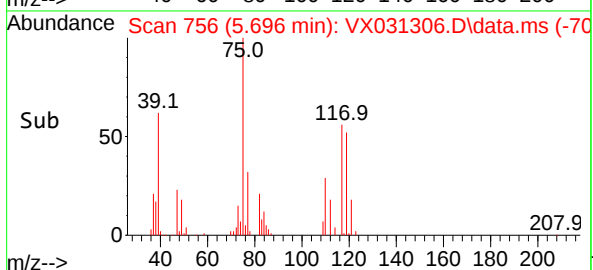
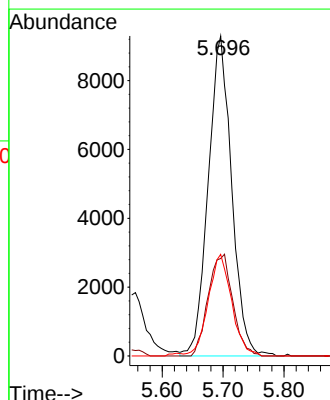
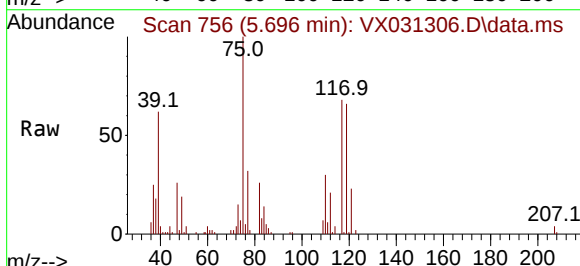
RT: 5.696 min Scan# 756

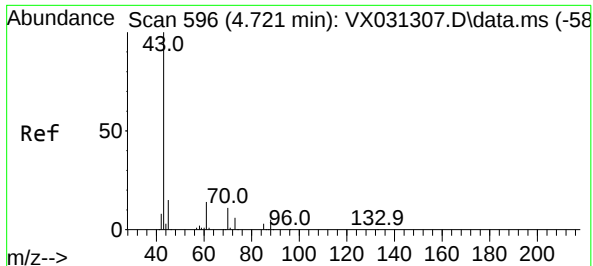
Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Tgt Ion:	75	Resp:	24799
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.5	52.5
77	31.7	24.9	37.3





#37

Ethyl Acetate

Concen: 20.119 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

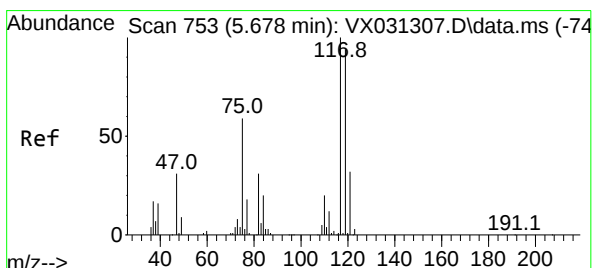
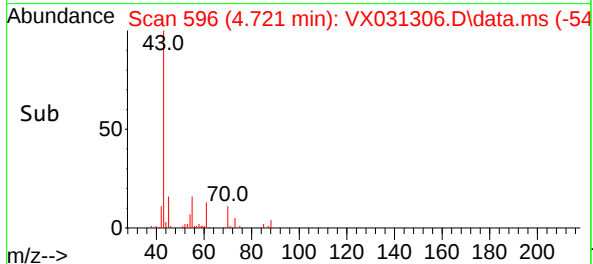
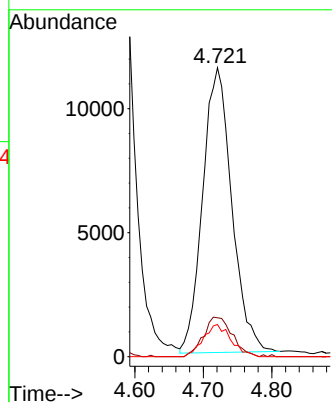
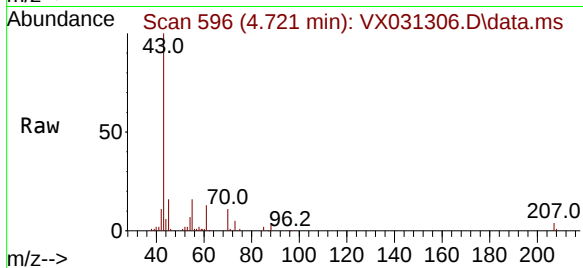
Tgt Ion: 43	Resp: 3390
Ion Ratio	Lower Upper
43 100	
61 13.7	11.1 16.7
70 10.8	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#38

Carbon Tetrachloride

Concen: 19.989 ug/l

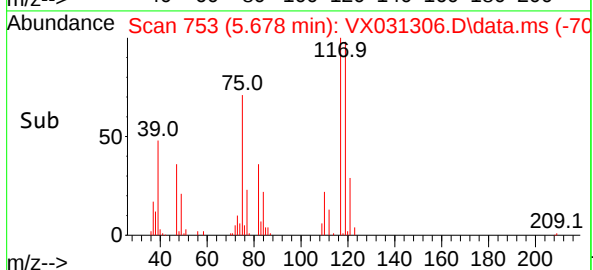
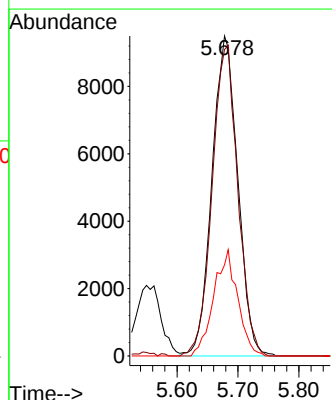
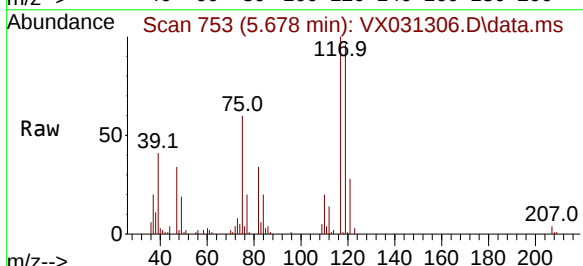
RT: 5.678 min Scan# 753

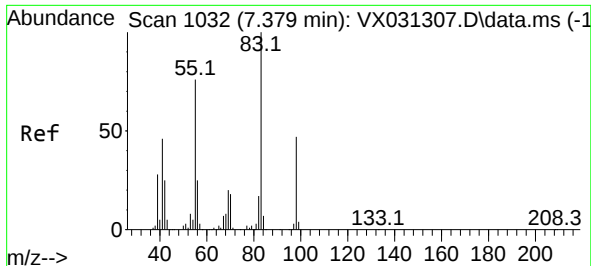
Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

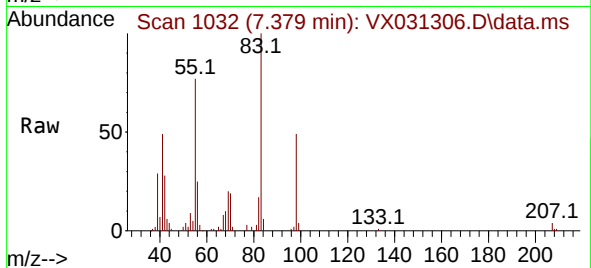
Tgt Ion: 117	Resp: 27868
Ion Ratio	Lower Upper
117 100	
119 95.7	74.6 112.0
121 28.5	25.3 37.9





#39
Methylcyclohexane
Concen: 19.427 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

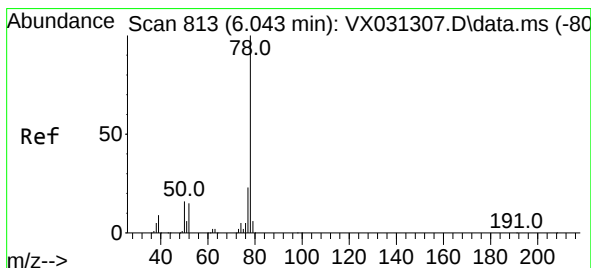
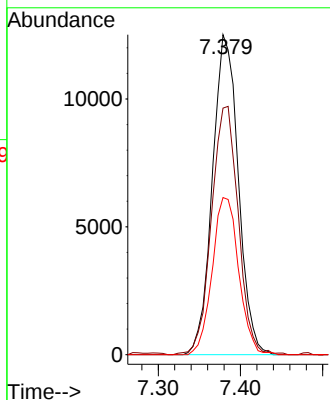
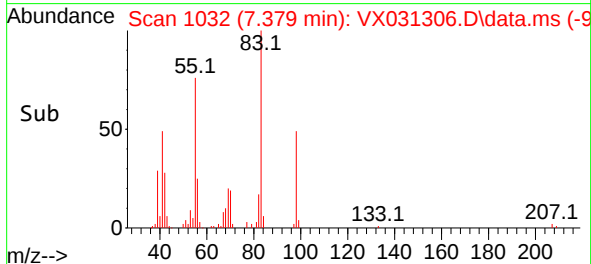
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 27439
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.4
98 49.1 37.7 56.5

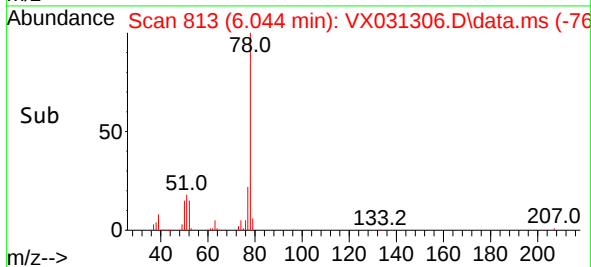
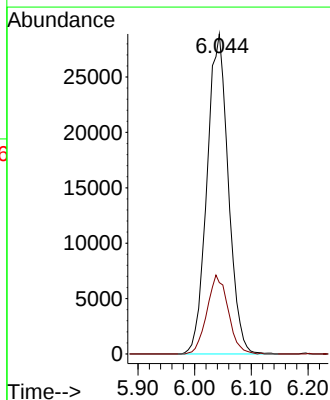
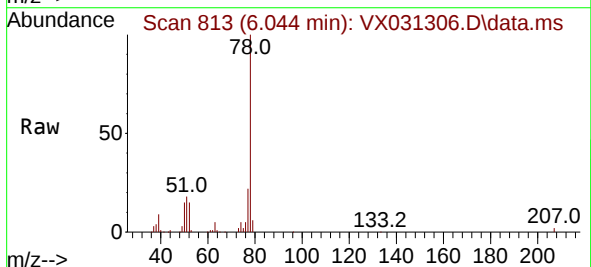
Manual Integrations
APPROVED

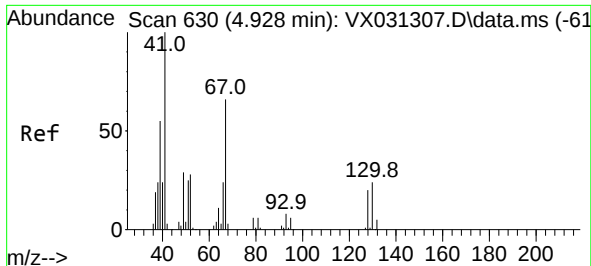
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#40
Benzene
Concen: 20.459 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

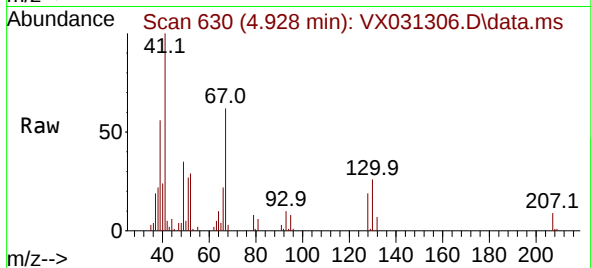
Tgt Ion: 78 Resp: 75352
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1





#41
Methacrylonitrile
Concen: 20.578 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

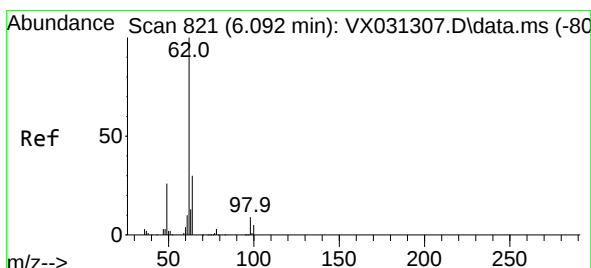
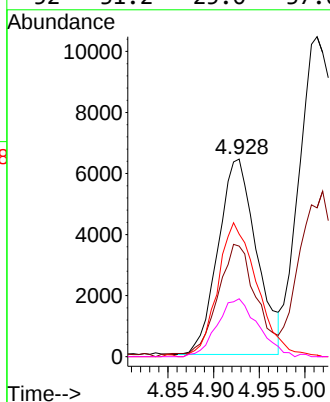
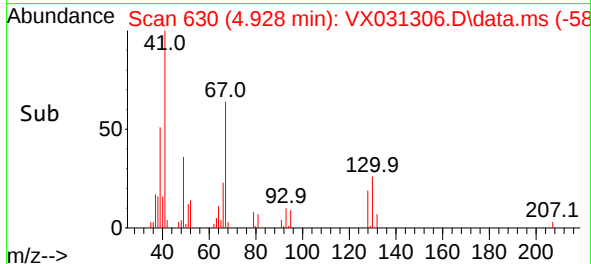
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:	41	Resp:	18789
Ion Ratio	100	Lower	Upper
39	58.3	45.0	67.6
67	70.2	58.2	87.4
52	31.2	25.0	37.6

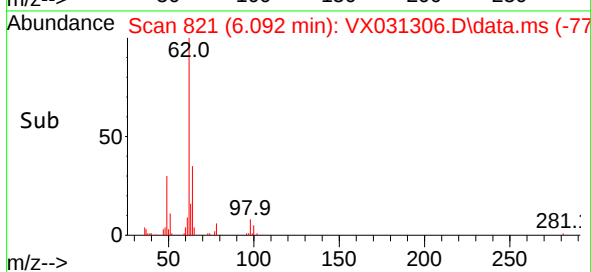
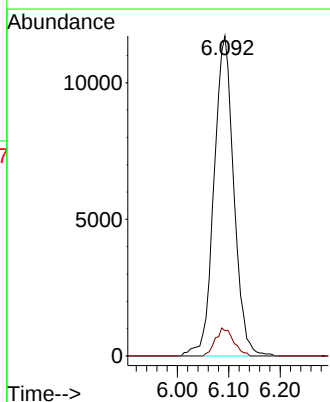
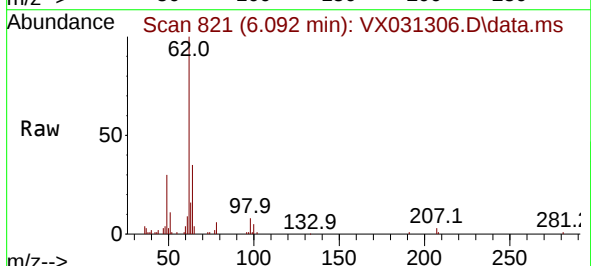
Manual Integrations
APPROVED

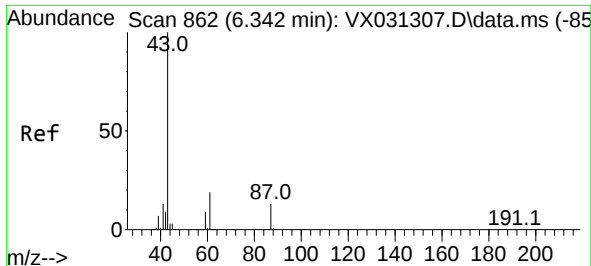
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#42
1,2-Dichloroethane
Concen: 21.137 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:	62	Resp:	31400
Ion Ratio	100	Lower	Upper
98	8.0	0.0	17.8





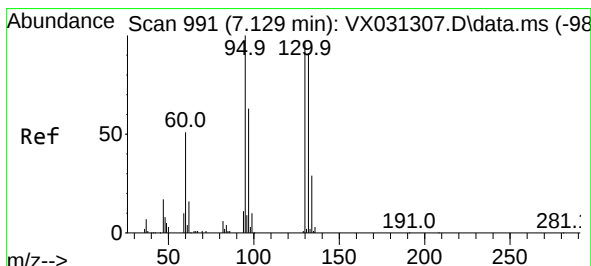
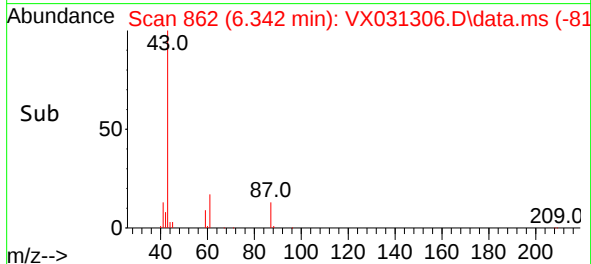
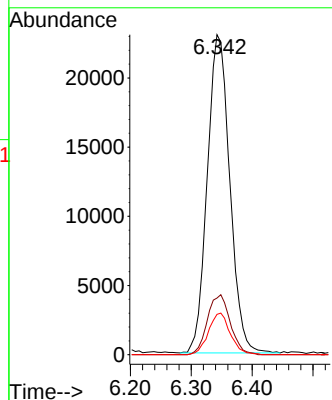
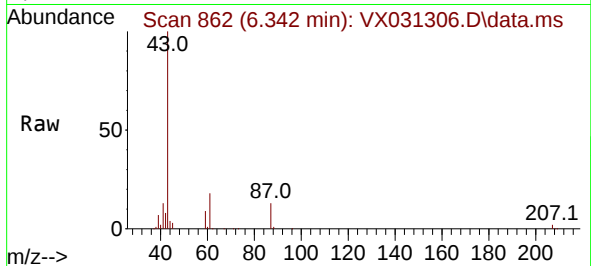
#43
Isopropyl Acetate
Concen: 20.554 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5913
Ion Ratio Lower Upper
43 100
61 19.1 15.3 22.9
87 12.6 10.6 15.8

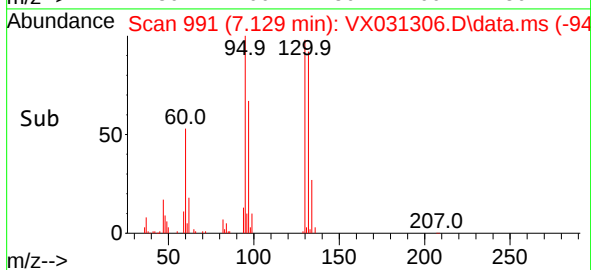
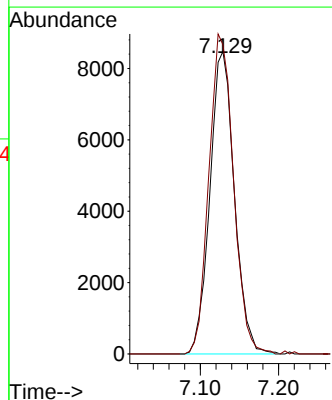
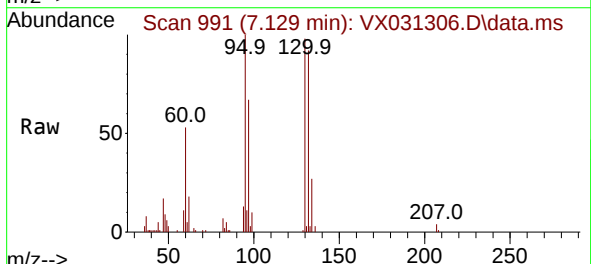
Manual Integrations
APPROVED

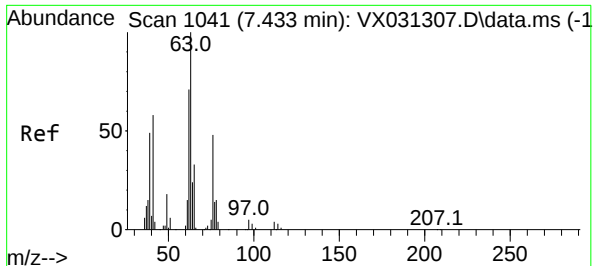
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#44
Trichloroethene
Concen: 19.630 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:130 Resp: 18433
Ion Ratio Lower Upper
130 100
95 102.2 0.0 206.8





#45

1,2-Dichloropropane

Concen: 20.788 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 20960

Ion Ratio Lower Upper

63 100

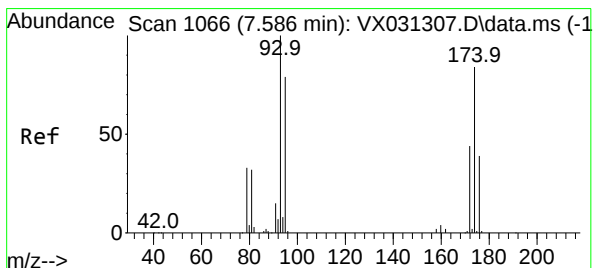
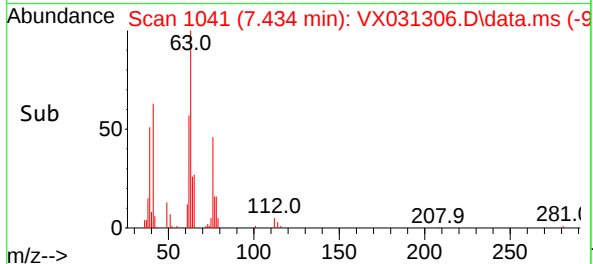
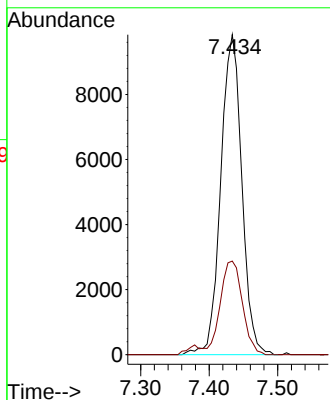
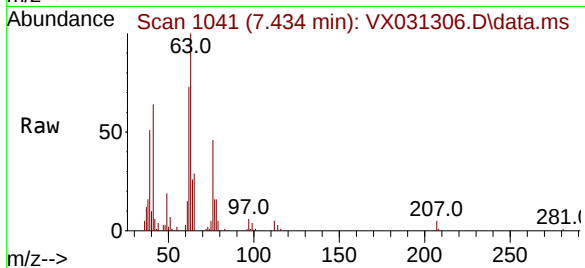
65 29.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#46

Dibromomethane

Concen: 20.130 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

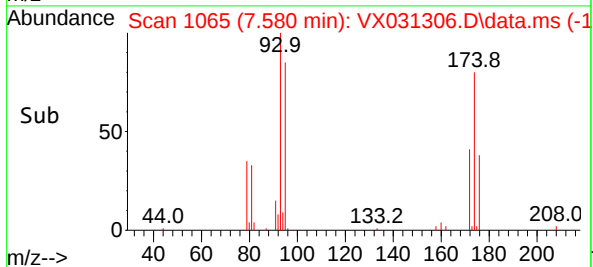
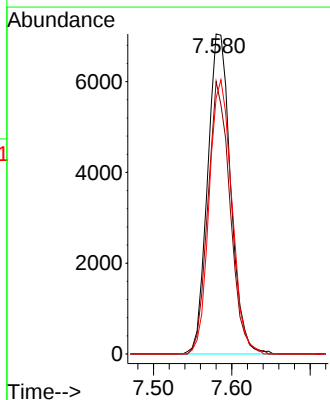
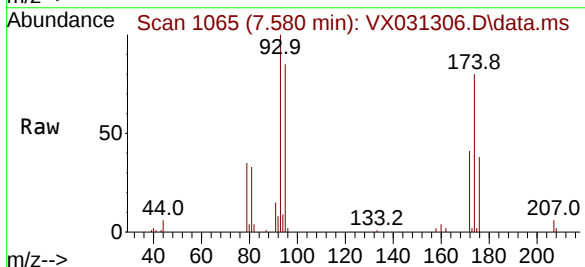
Tgt Ion: 93 Resp: 14394

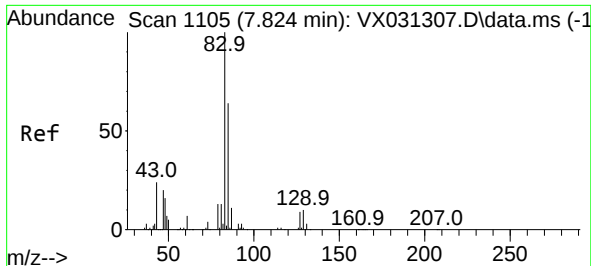
Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

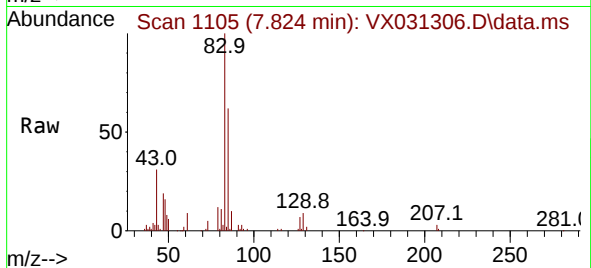
174 84.2 67.6 101.4





#47
Bromodichloromethane
Concen: 20.735 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

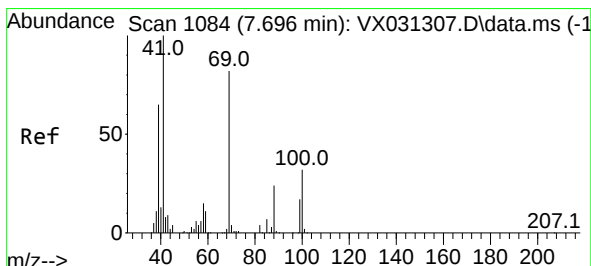
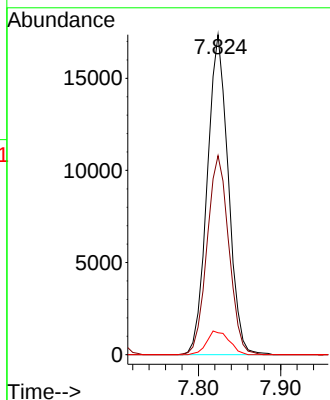
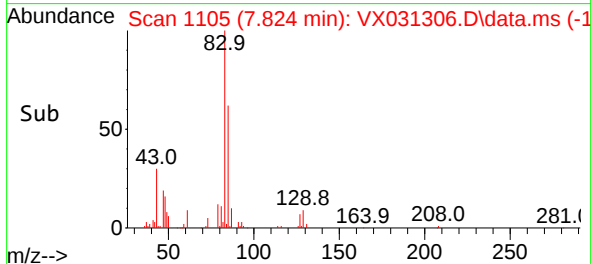
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 30838
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.6
127 6.9 7.0 10.6

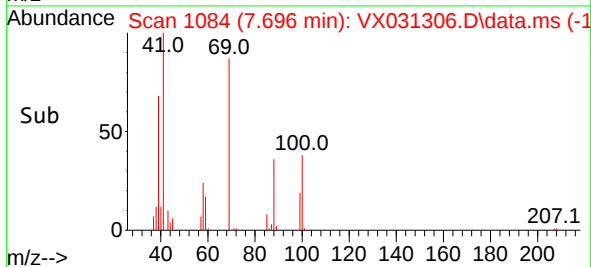
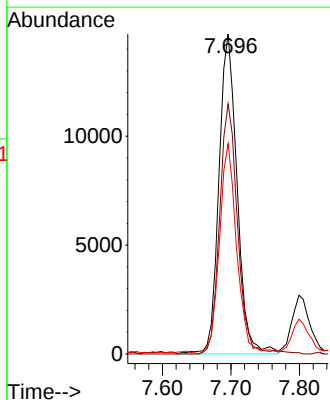
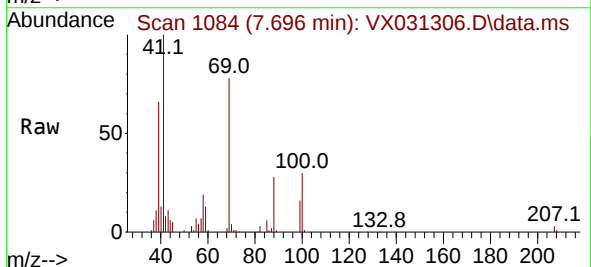
Manual Integrations
APPROVED

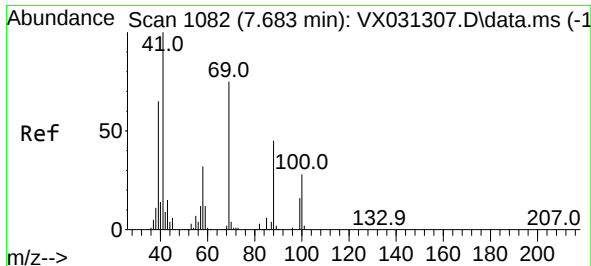
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#48
Methyl methacrylate
Concen: 20.592 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 41 Resp: 26968
Ion Ratio Lower Upper
41 100
69 77.2 64.6 96.8
39 62.9 51.4 77.0





#49

1,4-Dioxane

Concen: 442.160 ug/l

RT: 7.696 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

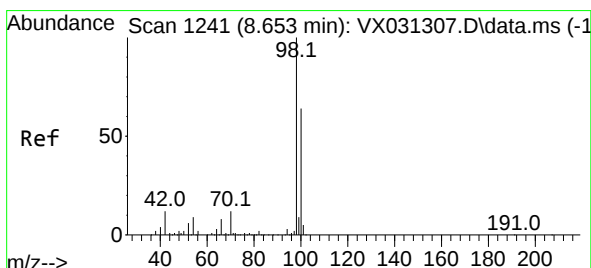
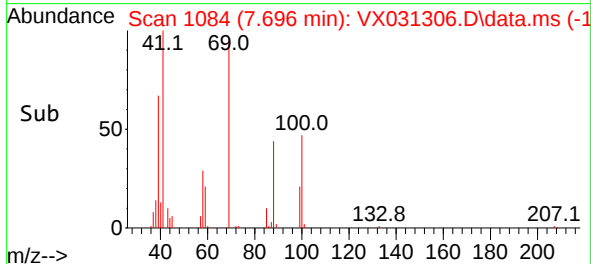
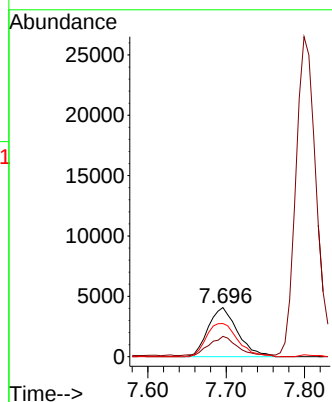
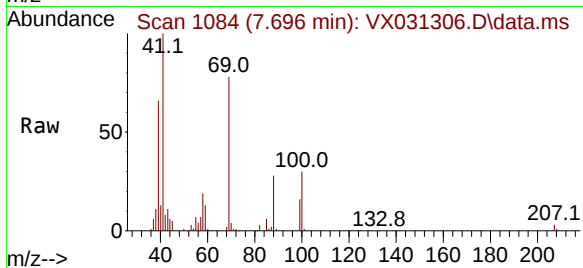
Tgt Ion:	88	Resp:	1058
Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.1	40.7
58	71.5	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#50

Toluene-d8

Concen: 22.810 ug/l

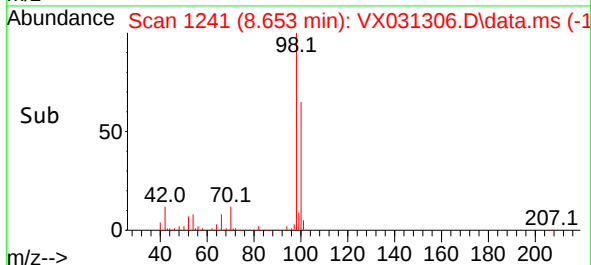
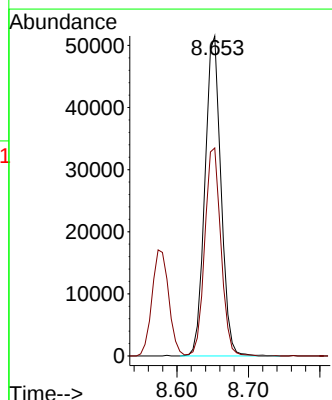
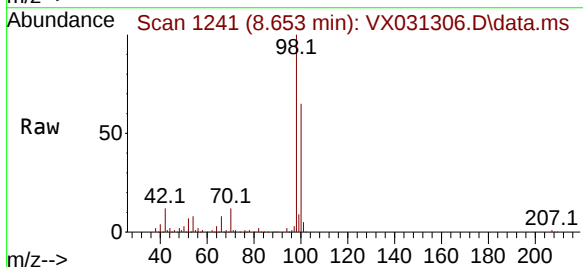
RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Tgt Ion:	98	Resp:	80176
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





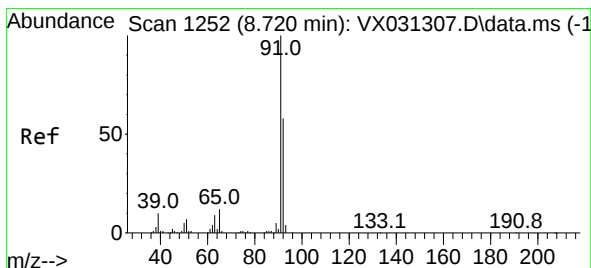
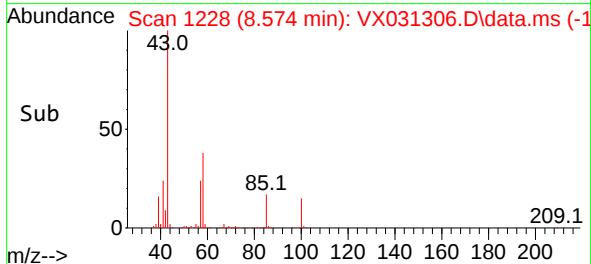
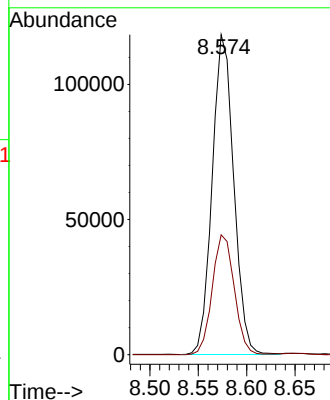
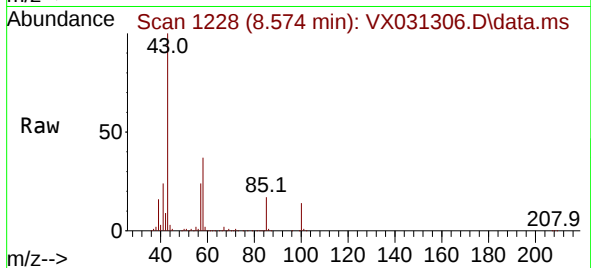
#51
4-Methyl-2-Pentanone
Concen: 104.793 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 183254
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

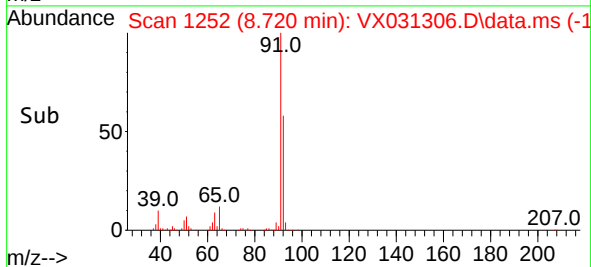
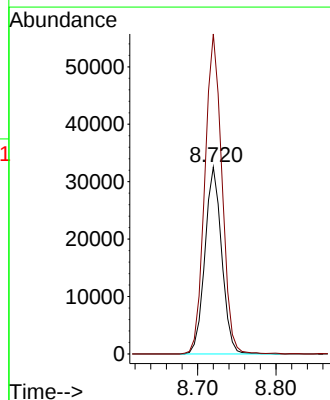
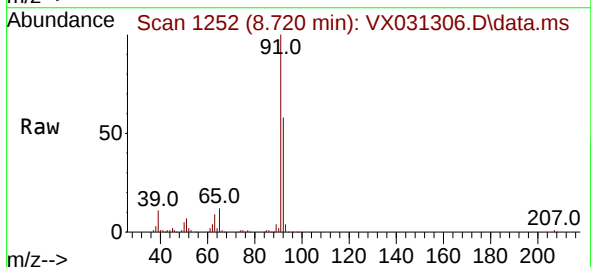
Manual Integrations
APPROVED

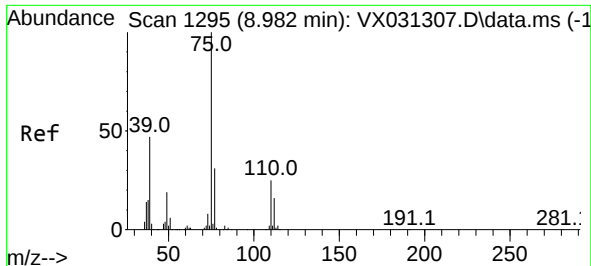
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#52
Toluene
Concen: 20.758 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 92 Resp: 48361
Ion Ratio Lower Upper
92 100
91 174.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.777 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 3477

Ion Ratio Lower Upper

75 100

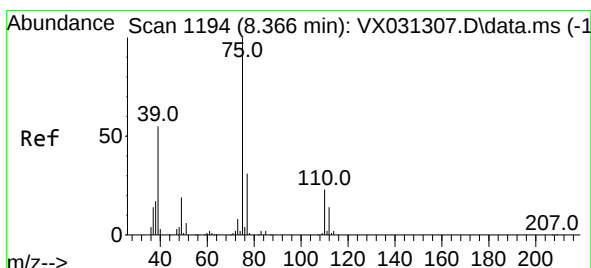
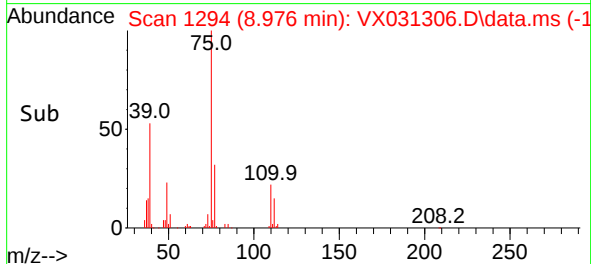
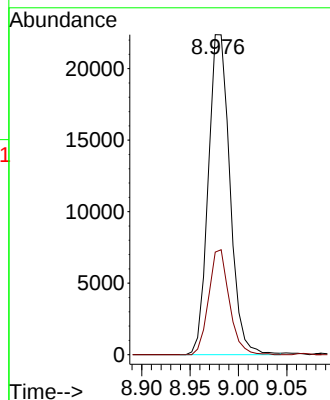
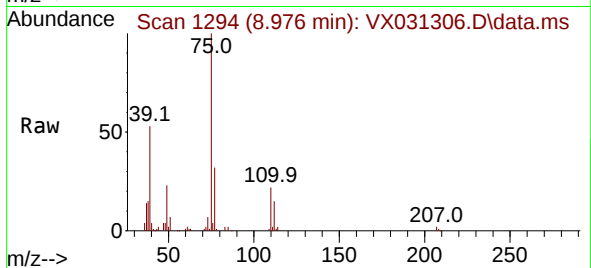
77 32.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#54

cis-1,3-Dichloropropene

Concen: 20.355 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

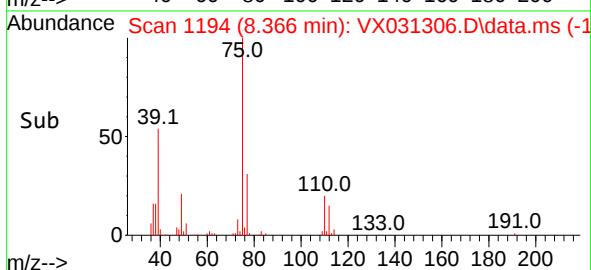
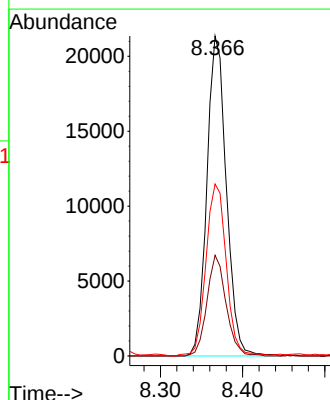
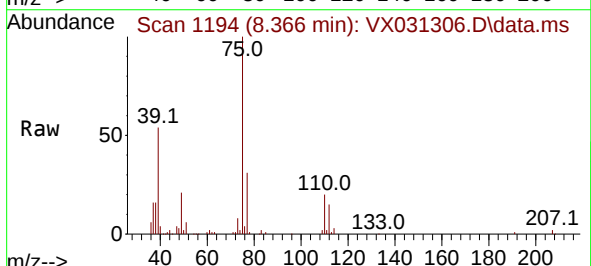
Tgt Ion: 75 Resp: 35009

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

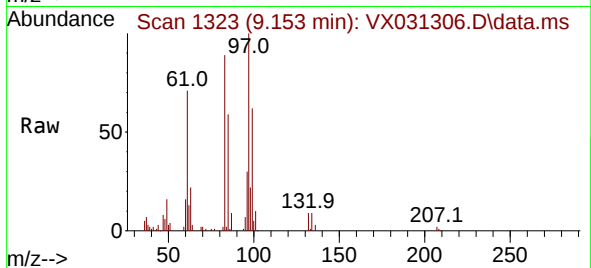
39 53.3 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 20.416 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

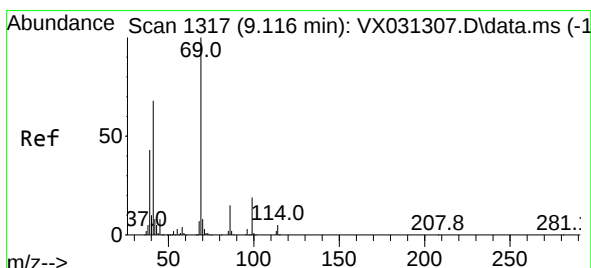
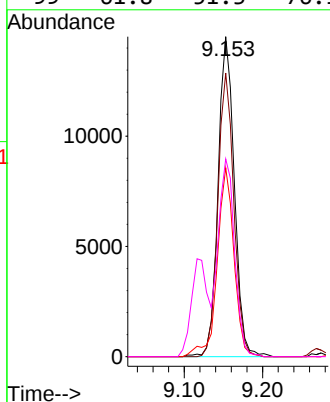
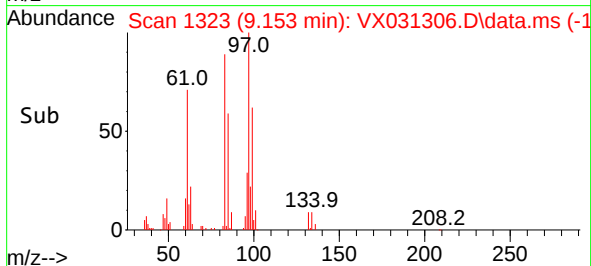
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



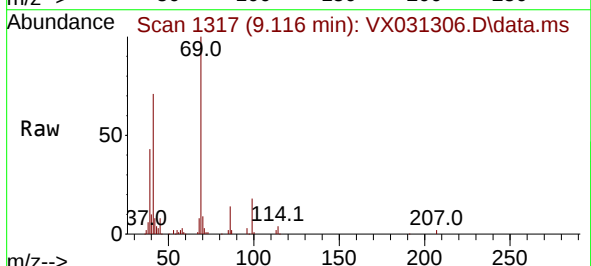
Tgt Ion:	97	Resp:	2099
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.0	103.6
85	59.0	44.1	66.1
99	61.8	51.3	76.9

Manual Integrations
APPROVED

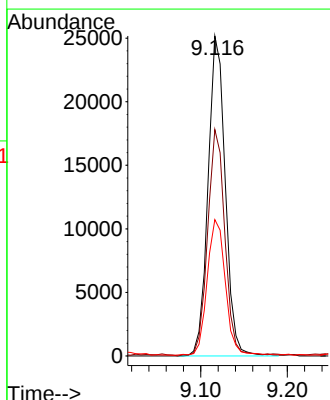
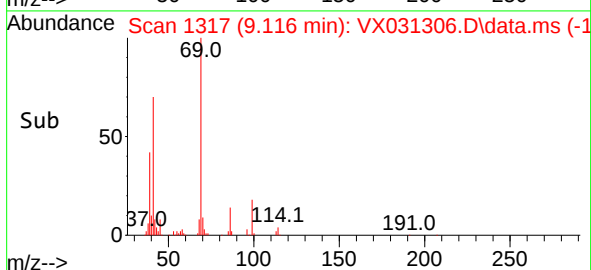
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

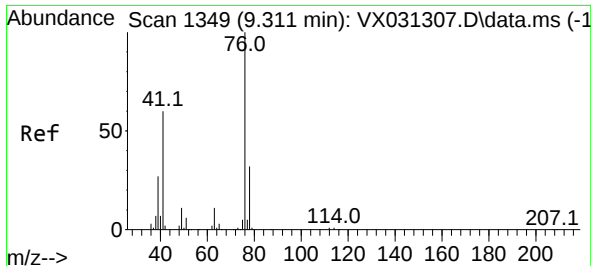


#56
Ethyl methacrylate
Concen: 20.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion:	69	Resp:	34826
Ion	Ratio	Lower	Upper
69	100		
41	71.1	54.2	81.4
39	44.8	34.2	51.2





#57

1,3-Dichloropropane

Concen: 20.474 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 3618

Ion Ratio Lower Upper

76 100

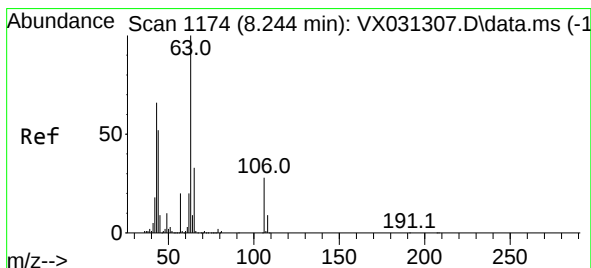
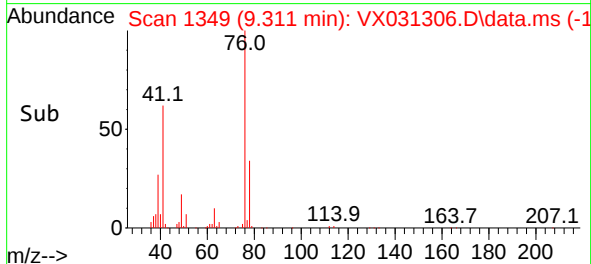
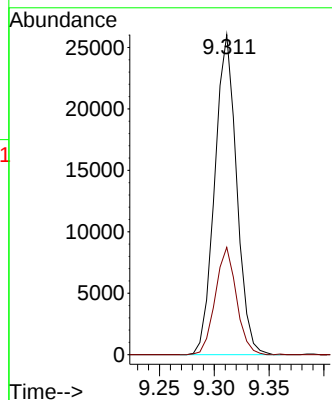
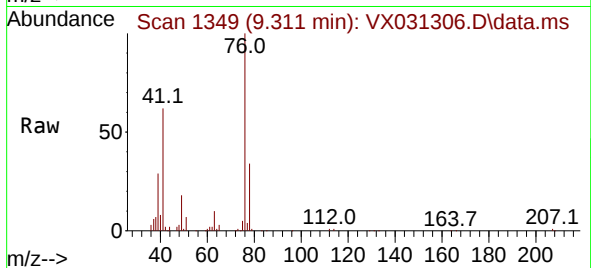
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.396 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031306.D

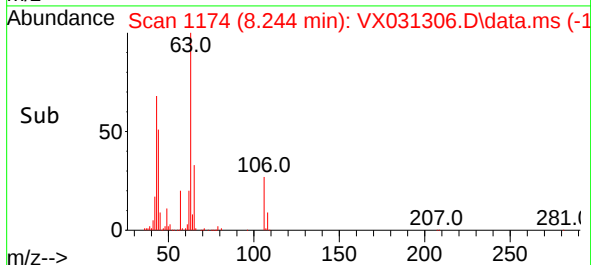
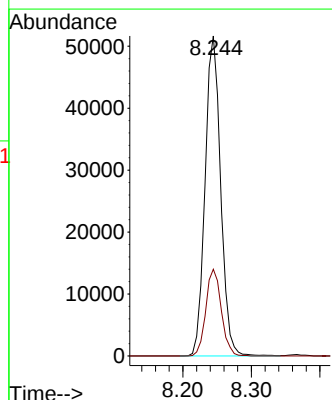
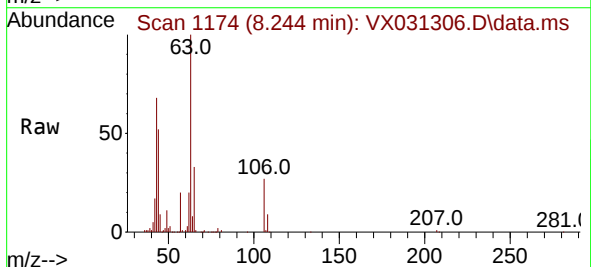
Acq: 14 Sep 2022 13:35

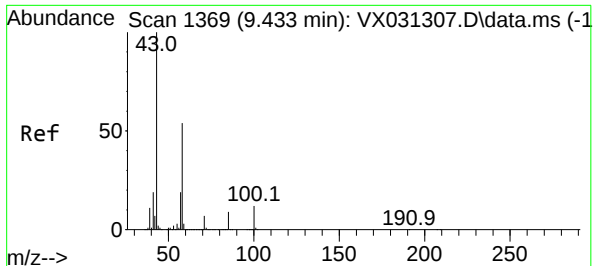
Tgt Ion: 63 Resp: 81757

Ion Ratio Lower Upper

63 100

106 26.9 22.6 34.0





#59

2-Hexanone

Concen: 103.492 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 138129

Ion Ratio Lower Upper

43 100

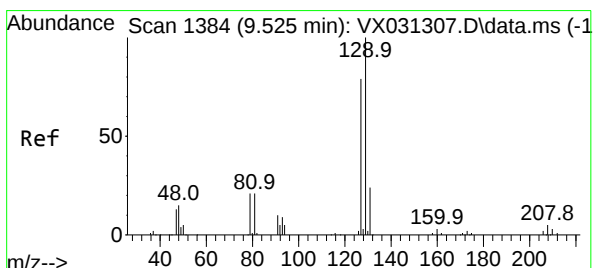
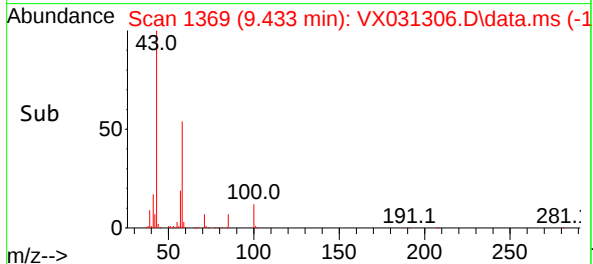
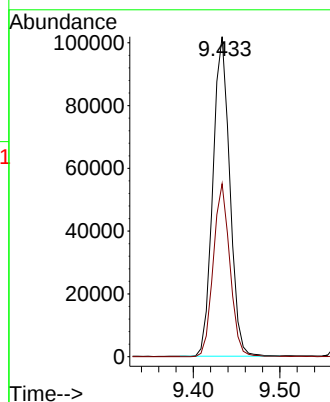
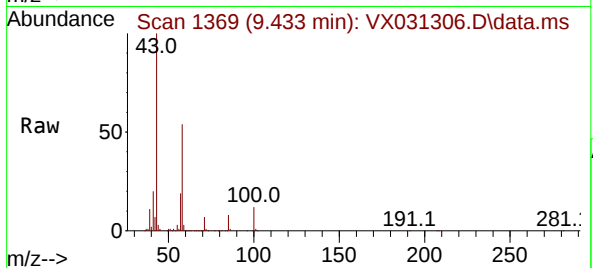
58 53.1 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#60

Dibromochloromethane

Concen: 20.234 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX031306.D

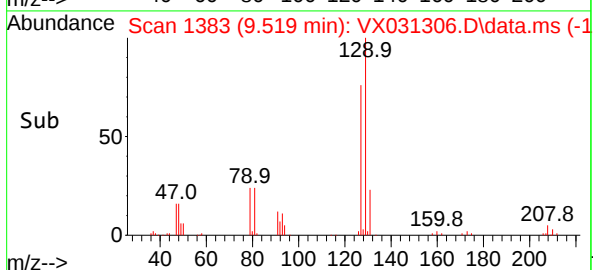
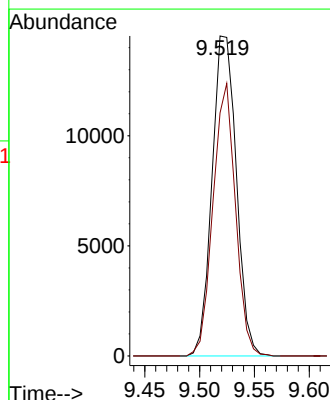
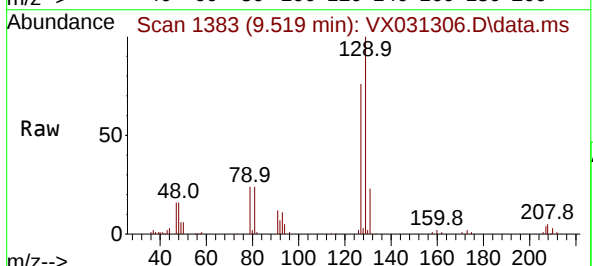
Acq: 14 Sep 2022 13:35

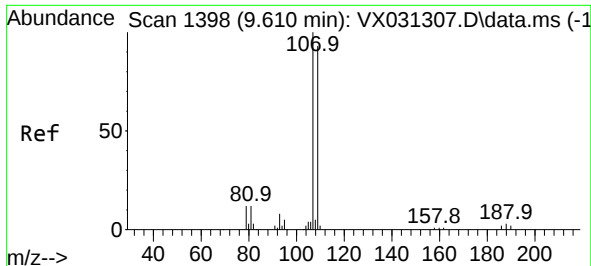
Tgt Ion:129 Resp: 22435

Ion Ratio Lower Upper

129 100

127 78.6 38.7 116.1





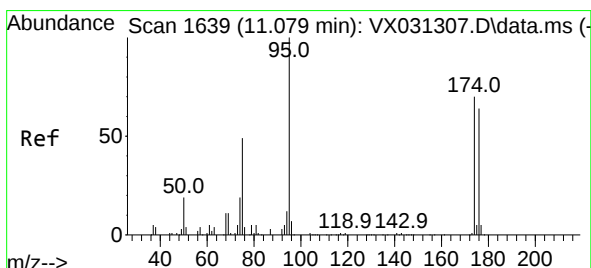
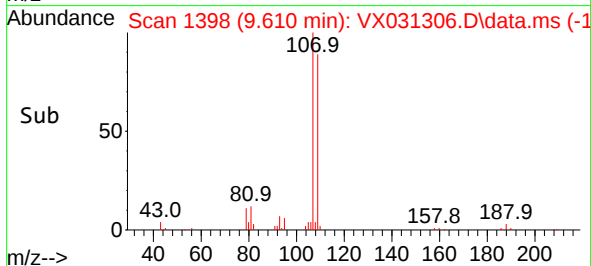
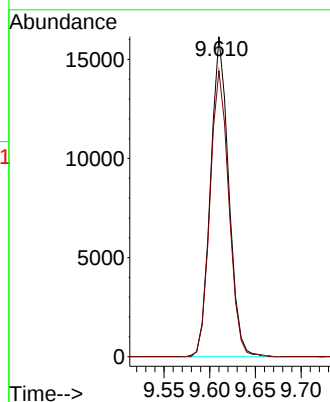
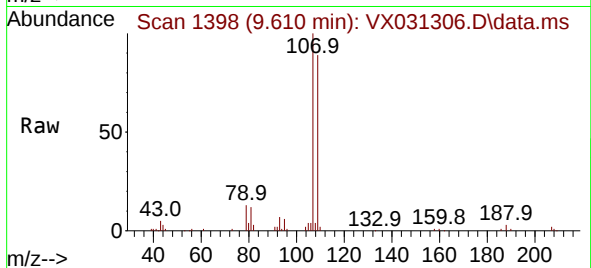
#61
1,2-Dibromoethane
Concen: 21.095 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 2226
Ion Ratio Lower Upper
107 100
109 92.1 74.2 111.4

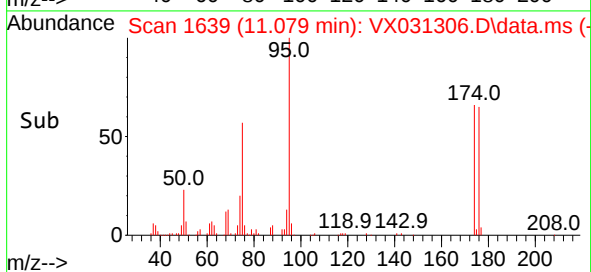
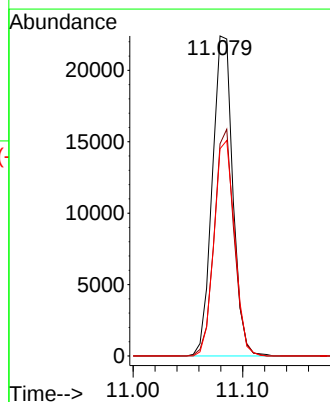
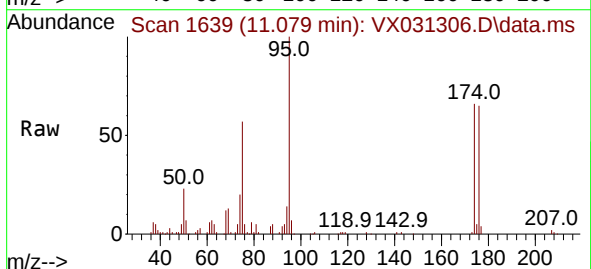
Manual Integrations
APPROVED

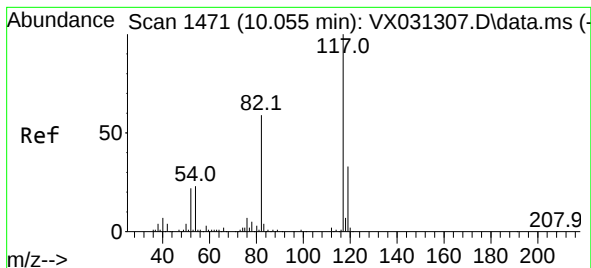
Reviewed By :John Carbone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#62
4-Bromofluorobenzene
Concen: 22.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

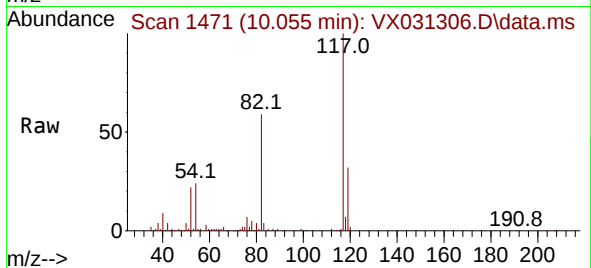
Tgt Ion: 95 Resp: 29129
Ion Ratio Lower Upper
95 100
174 68.5 0.0 153.2
176 67.5 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

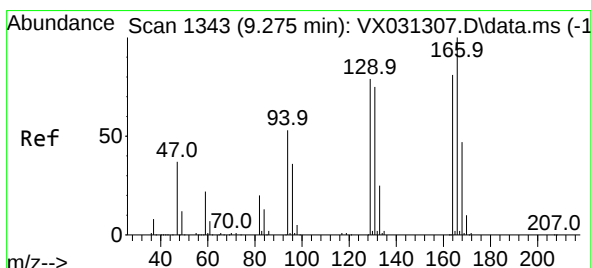
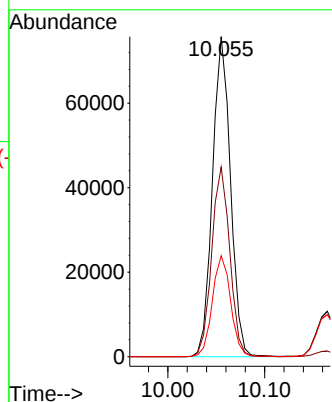
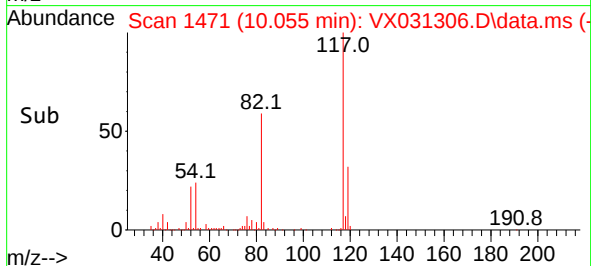
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 9806
Ion Ratio Lower Upper
117 100
82 59.3 46.8 70.2
119 31.6 26.4 39.6

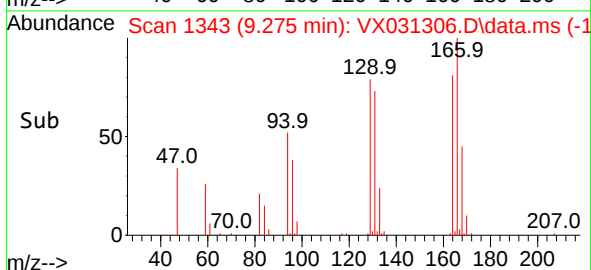
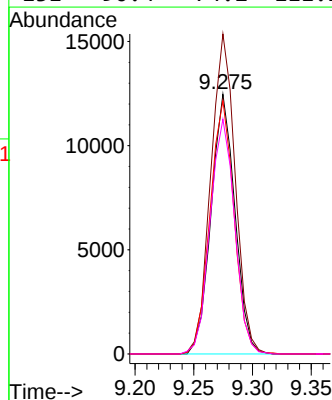
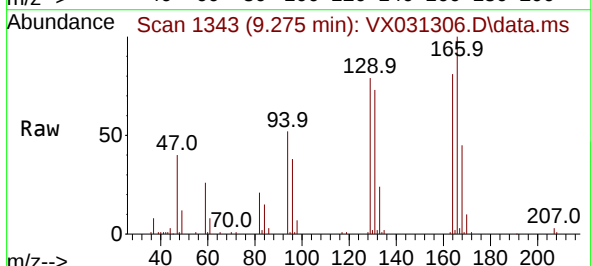
Manual Integrations
APPROVED

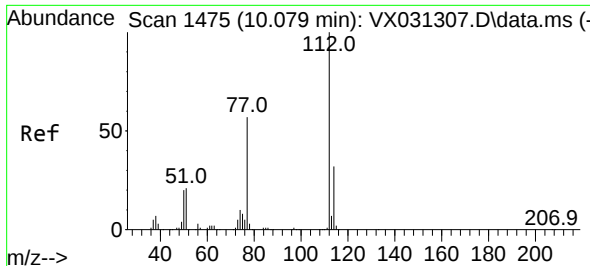
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#64
Tetrachloroethene
Concen: 19.561 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:164 Resp: 17538
Ion Ratio Lower Upper
164 100
166 123.2 99.0 148.4
129 97.5 78.0 117.0
131 90.4 74.2 111.2





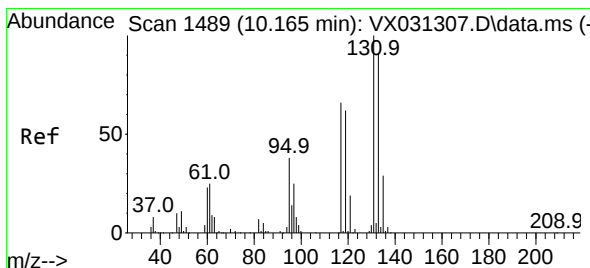
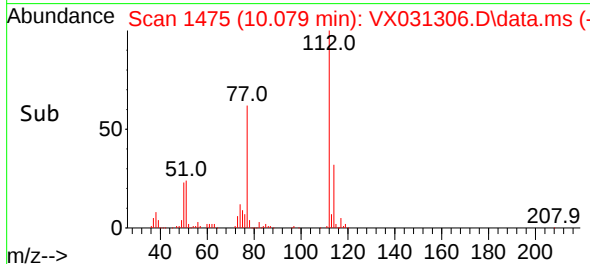
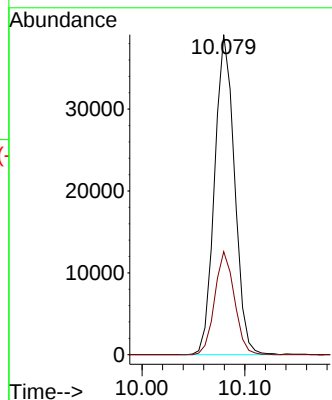
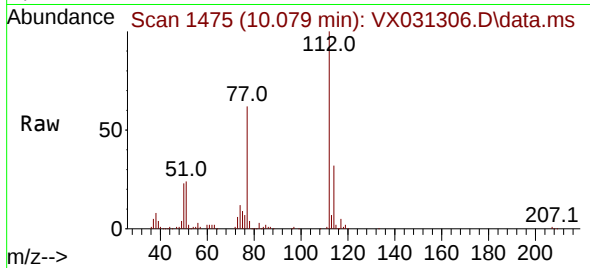
#65
Chlorobenzene
Concen: 20.219 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5251
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

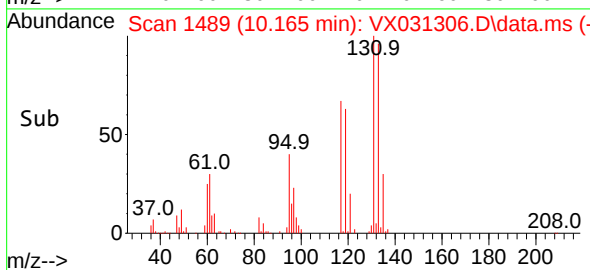
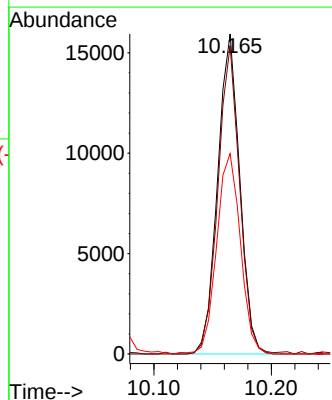
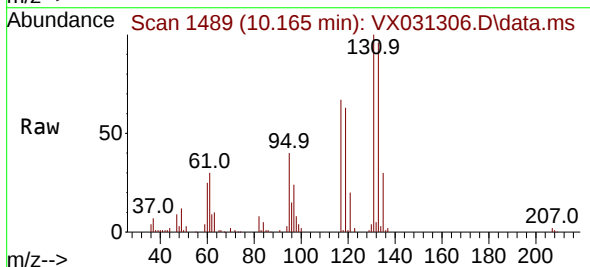
Manual Integrations
APPROVED

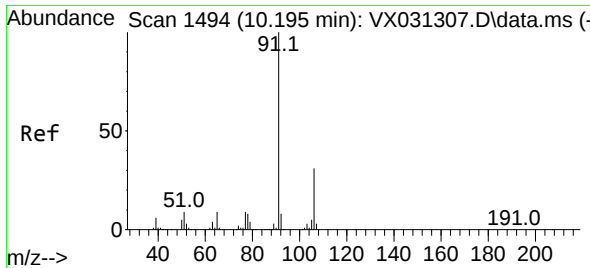
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.348 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:131 Resp: 20821
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.7
119 67.3 31.9 95.9





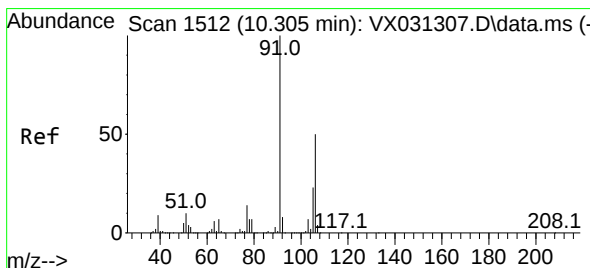
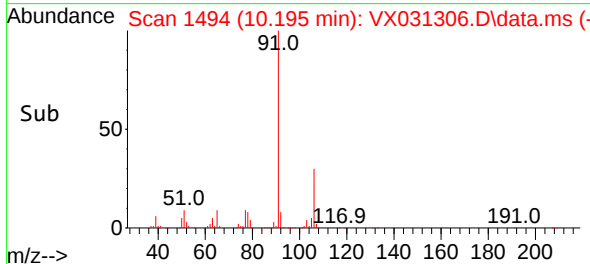
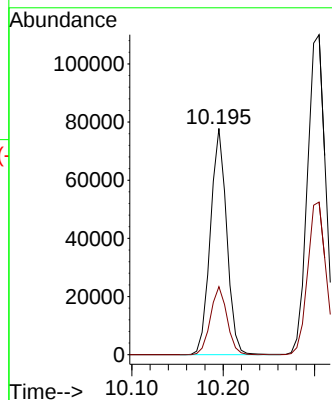
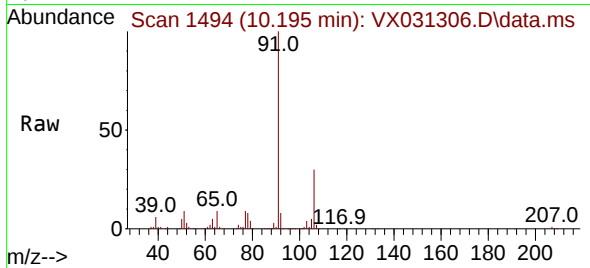
#67
Ethyl Benzene
Concen: 20.540 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9662
Ion Ratio Lower Upper
91 100
106 30.0 25.2 37.8

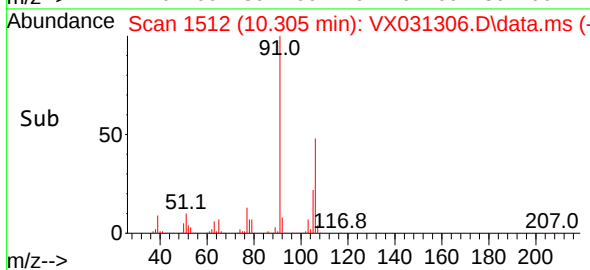
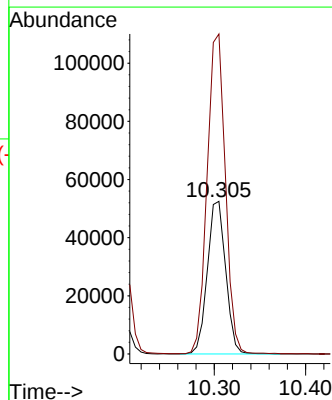
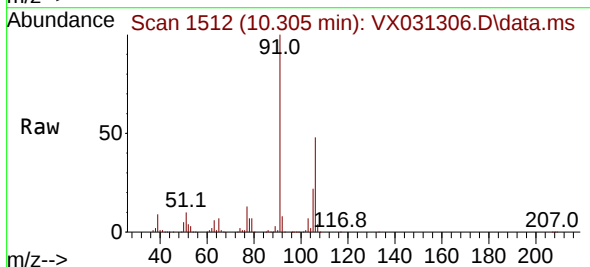
Manual Integrations
APPROVED

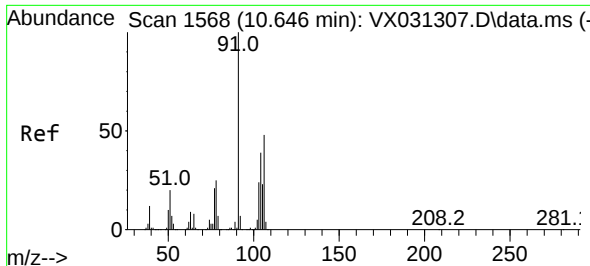
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#68
m/p-Xylenes
Concen: 40.840 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:106 Resp: 72948
Ion Ratio Lower Upper
106 100
91 209.3 161.0 241.4





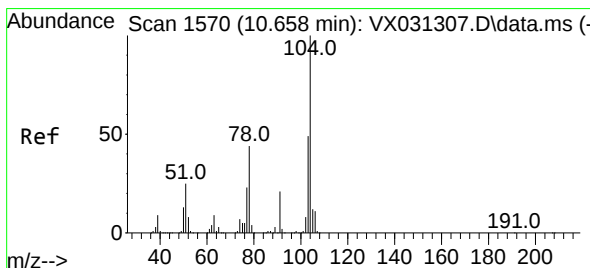
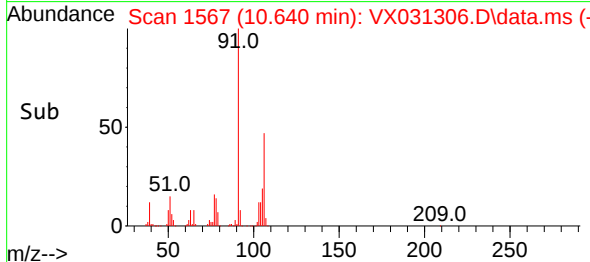
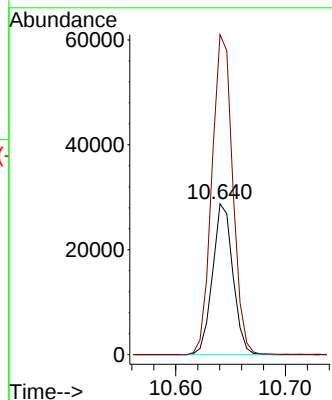
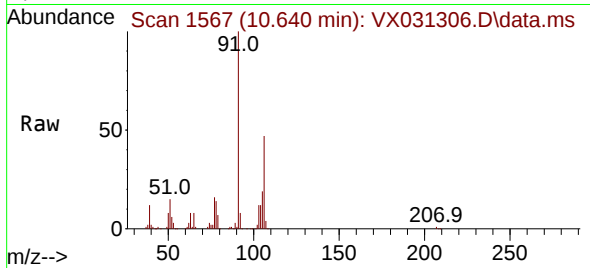
#69
o-Xylene
Concen: 20.425 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 37050
Ion Ratio Lower Upper
106 100
91 217.6 107.2 321.6

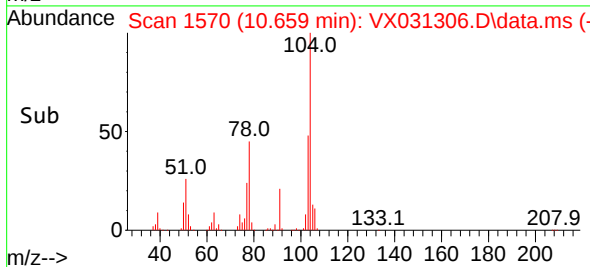
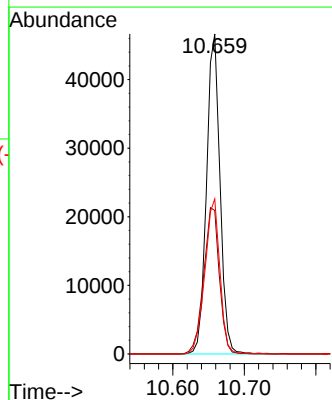
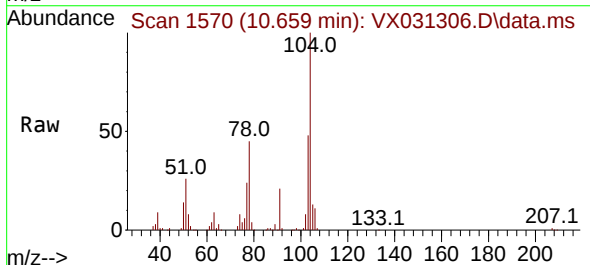
Manual Integrations
APPROVED

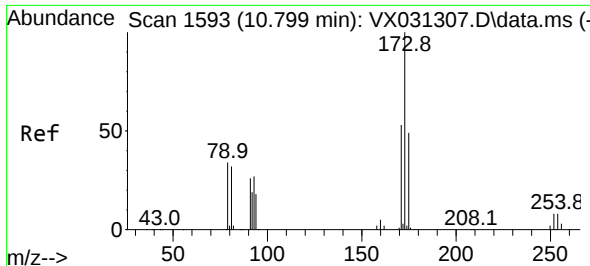
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#70
Styrene
Concen: 20.738 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

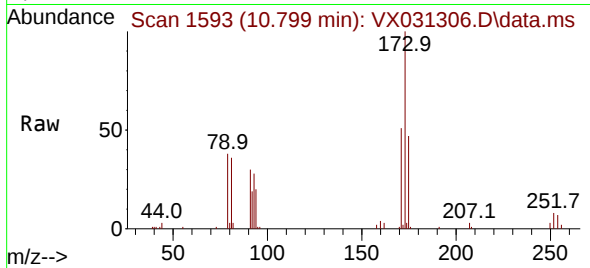
Tgt Ion:104 Resp: 61182
Ion Ratio Lower Upper
104 100
78 53.4 41.4 62.2
103 53.8 43.8 65.8





#71
Bromoform
Concen: 19.510 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

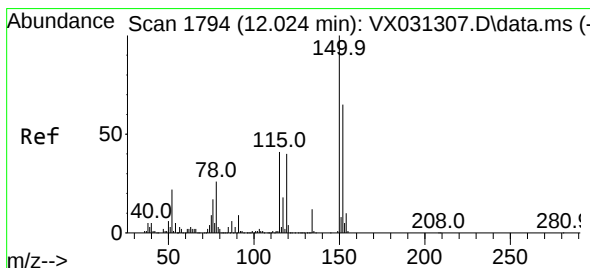
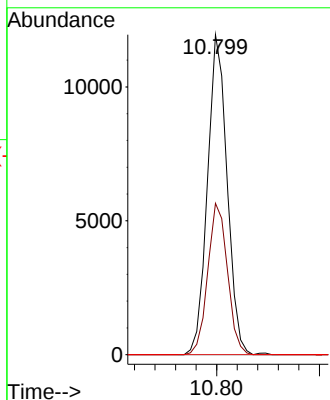
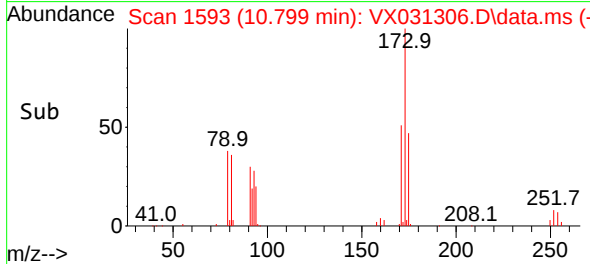
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



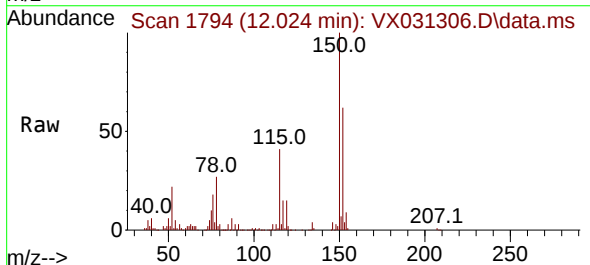
Tgt Ion:173 Resp: 1589
Ion Ratio Lower Upper
173 100
175 47.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

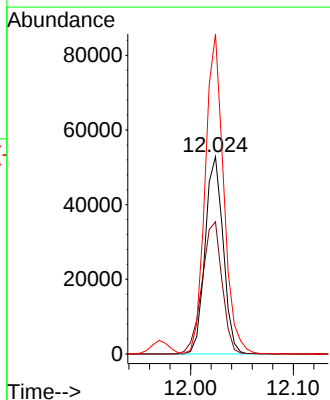
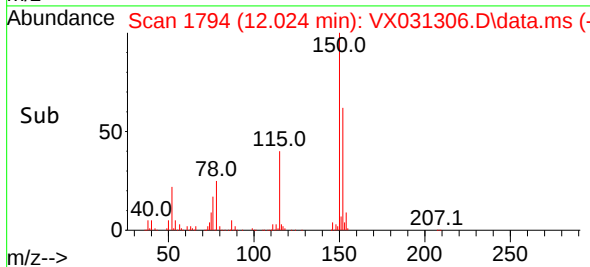
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

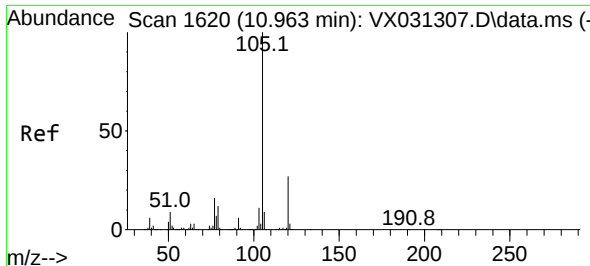


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



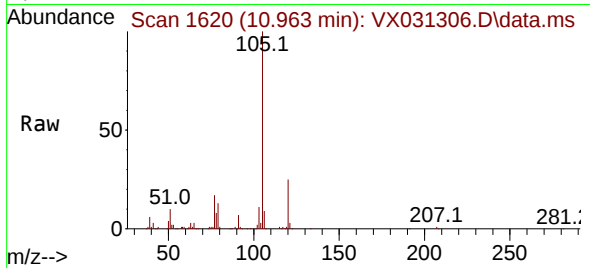
Tgt Ion:152 Resp: 64358
Ion Ratio Lower Upper
152 100
115 74.6 43.4 130.1
150 166.1 0.0 346.8





#73
Isopropylbenzene
Concen: 20.286 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

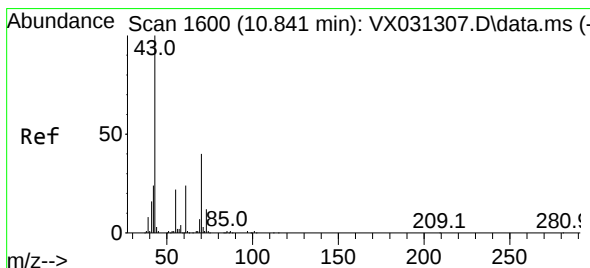
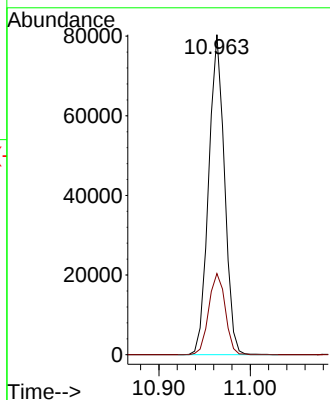
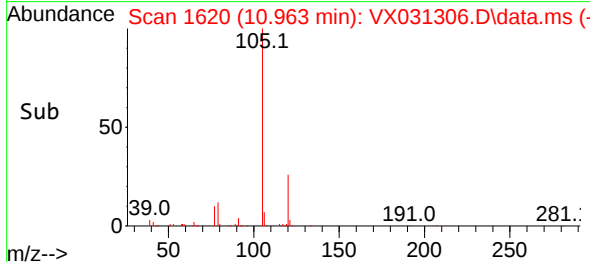
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



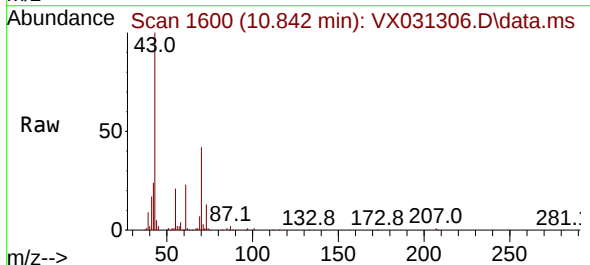
Tgt Ion: 105 Resp: 9643
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

Manual Integrations
APPROVED

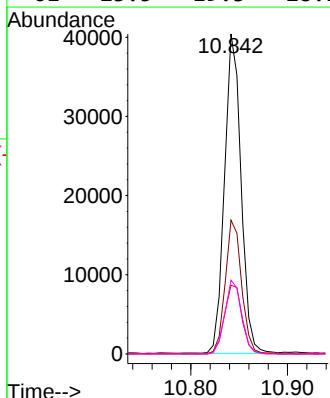
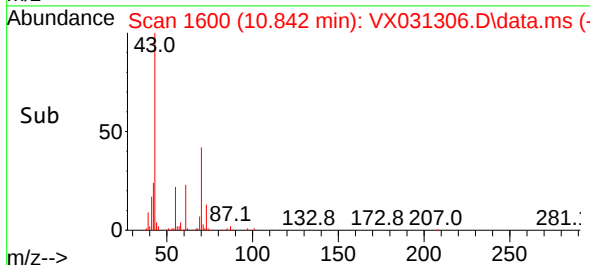
Reviewed By : John Carlone 09/15/2022
Supervised By : Mahesh Dadoda 09/15/2022

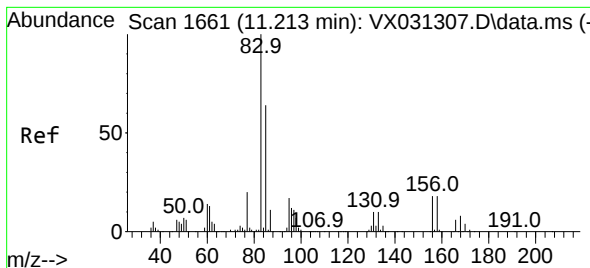


#74
N-ethyl acetate
Concen: 20.198 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion: 43 Resp: 47730
Ion Ratio Lower Upper
43 100
70 41.4 33.4 50.2
55 23.2 18.2 27.2
61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.296 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

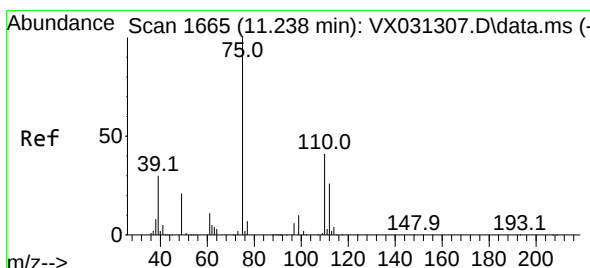
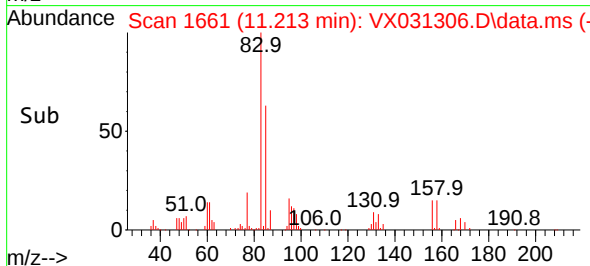
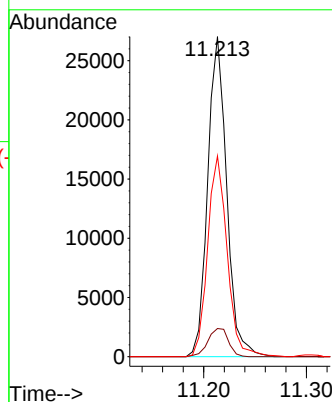
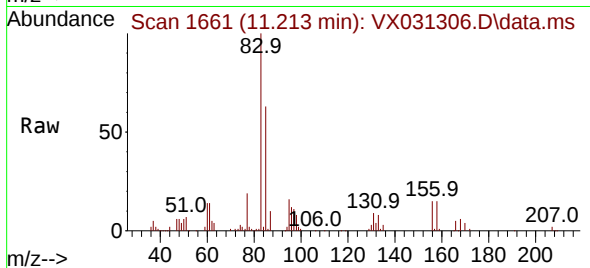
Tgt Ion:	83	Resp:	34672
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.4
85	64.4	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#76

1,2,3-Trichloropropane

Concen: 19.363 ug/l m

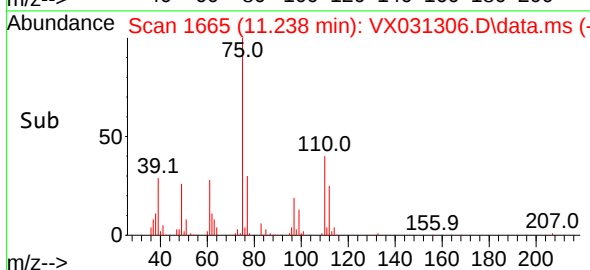
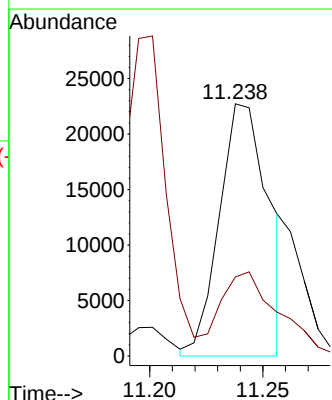
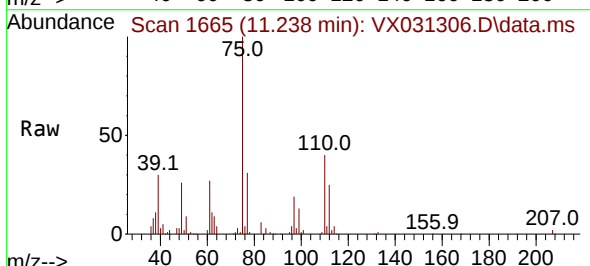
RT: 11.238 min Scan# 1665

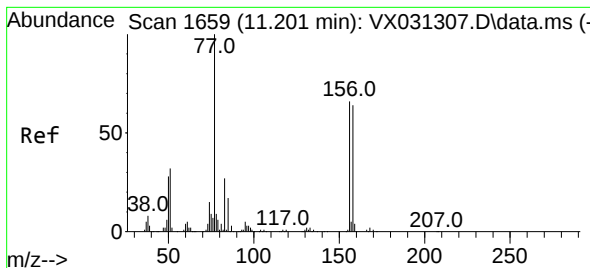
Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Tgt Ion:	75	Resp:	34279
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.3	60.9





#77

Bromobenzene

Concen: 19.939 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

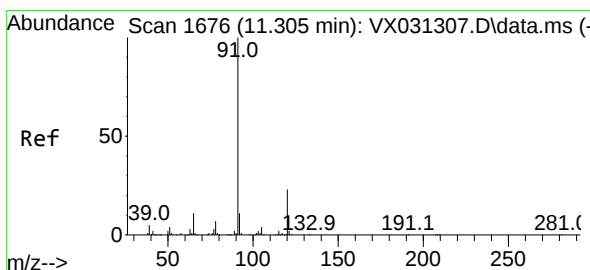
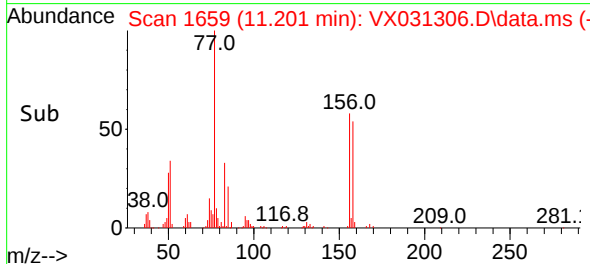
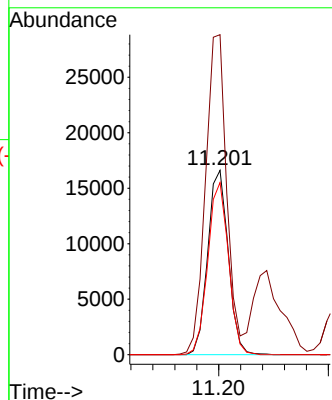
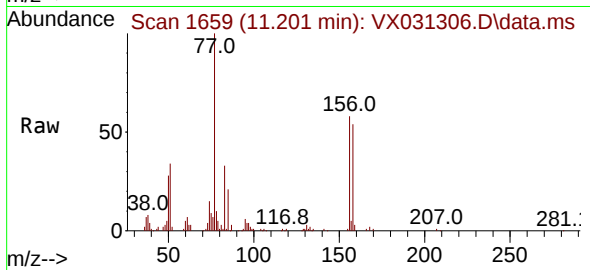
Tgt Ion:	156	Resp:	2161
Ion Ratio	Lower	Upper	
156	100		
77	178.1	79.5	238.6
158	94.0	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#78

n-propylbenzene

Concen: 20.460 ug/l

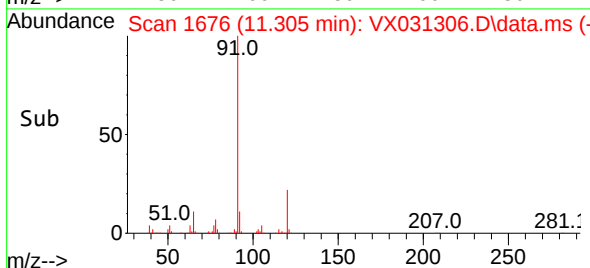
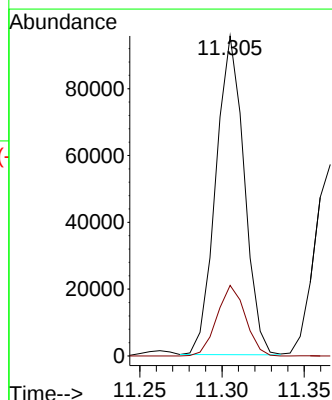
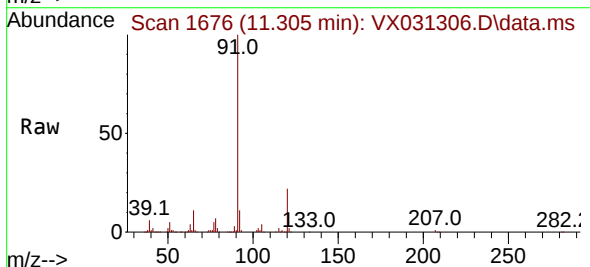
RT: 11.305 min Scan# 1676

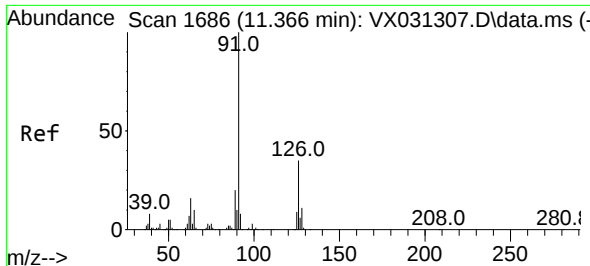
Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Tgt Ion:	91	Resp:	114140
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.8	35.4





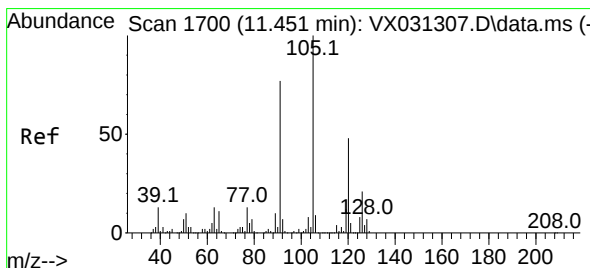
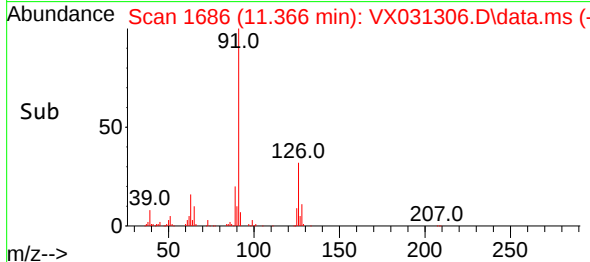
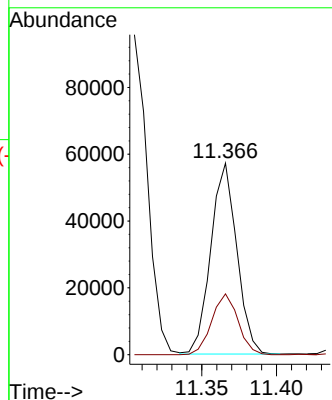
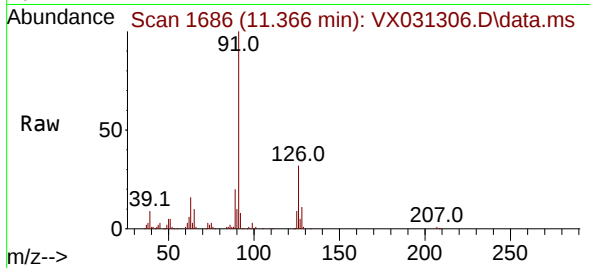
#79
2-Chlorotoluene
Concen: 20.261 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 69160
Ion Ratio Lower Upper
91 100
126 32.2 17.4 52.3

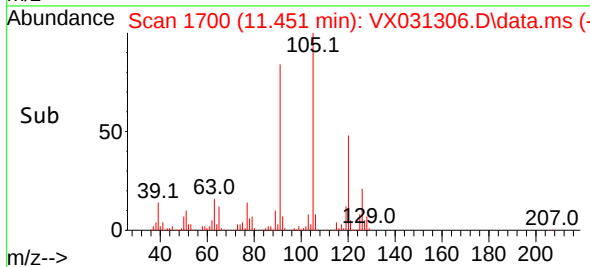
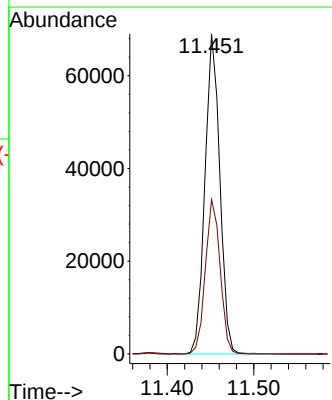
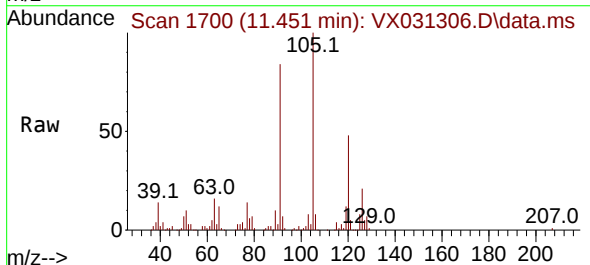
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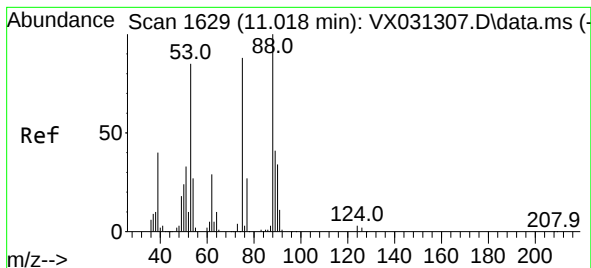
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.659 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion:105 Resp: 82276
Ion Ratio Lower Upper
105 100
120 48.0 24.5 73.5





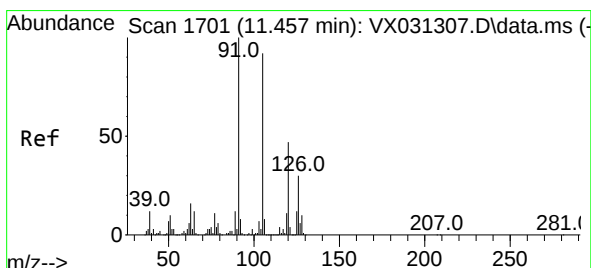
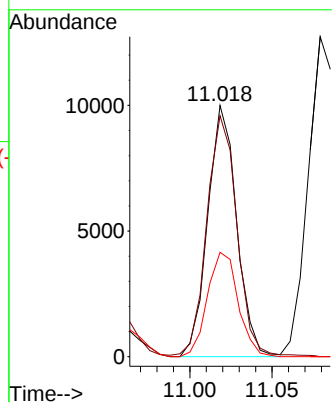
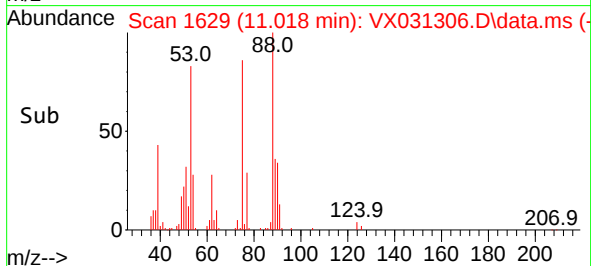
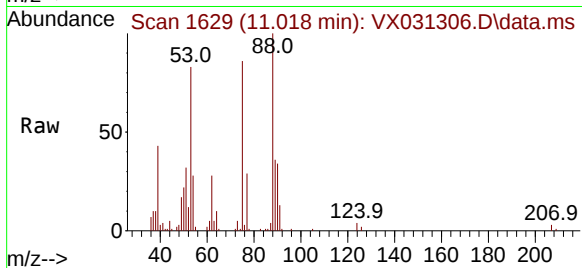
#81
trans-1,4-Dichloro-2-butene
Concen: 20.888 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1224
Ion Ratio Lower Upper
75 100
53 100.0 77.6 116.4
89 44.1 37.4 56.0

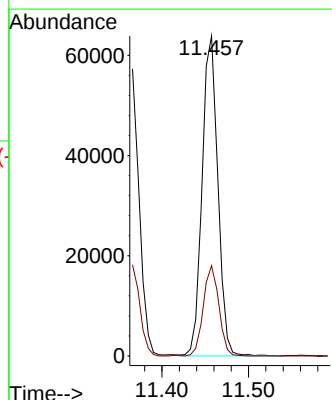
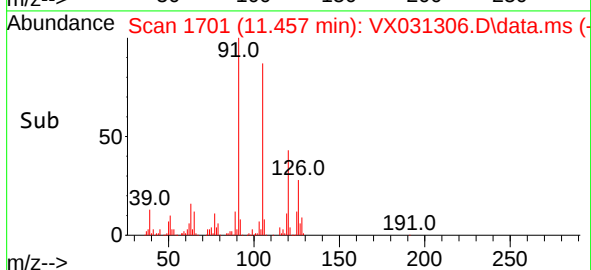
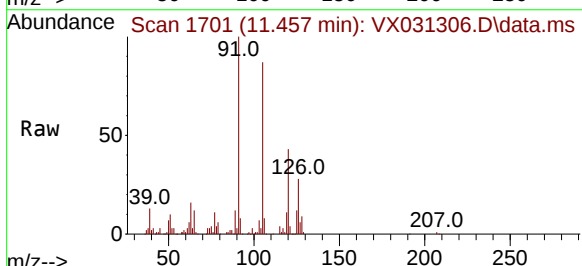
Manual Integrations
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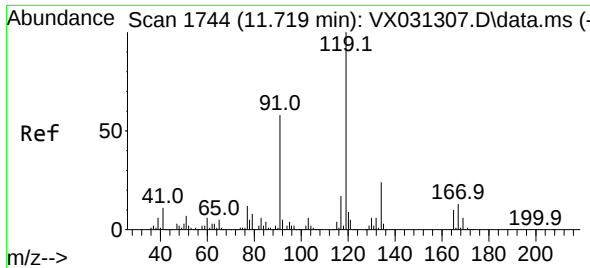
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#82
4-Chlorotoluene
Concen: 20.644 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Tgt Ion: 91 Resp: 80770
Ion Ratio Lower Upper
91 100
126 27.9 15.1 45.3





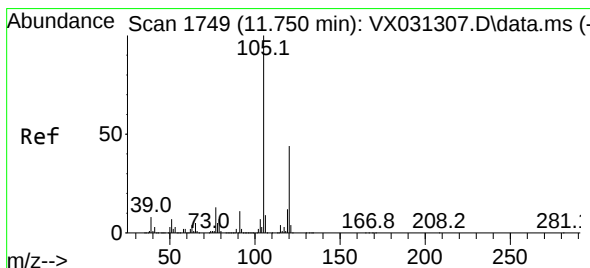
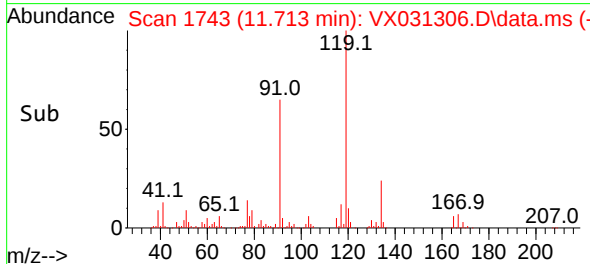
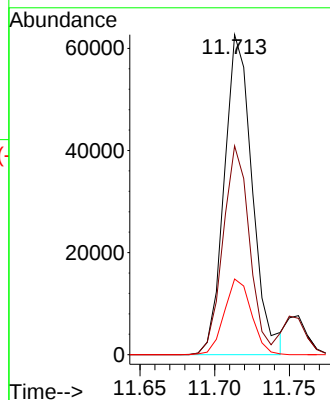
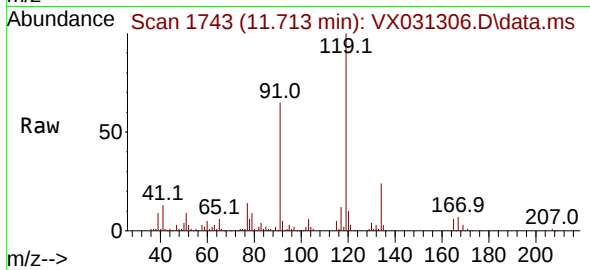
#83
tert-Butylbenzene
Concen: 20.466 ug/l
RT: 11.713 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 8154
Ion Ratio Lower Upper
119 100
91 62.1 29.2 87.6
134 23.0 11.6 34.8

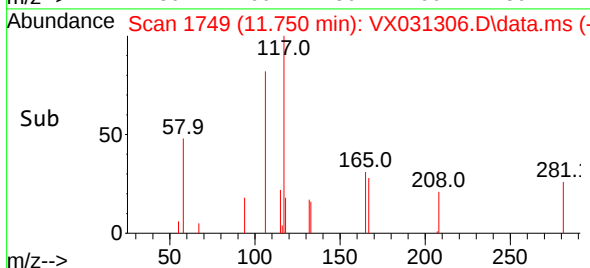
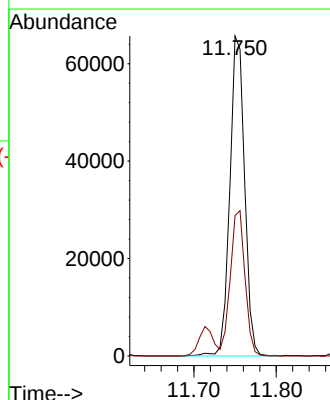
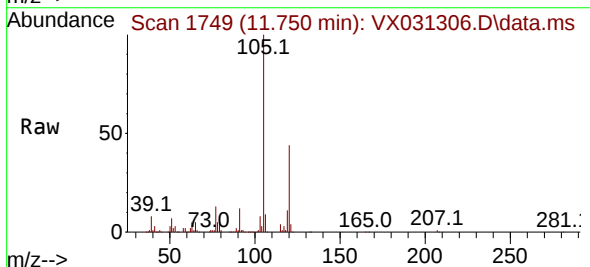
Manual Integrations
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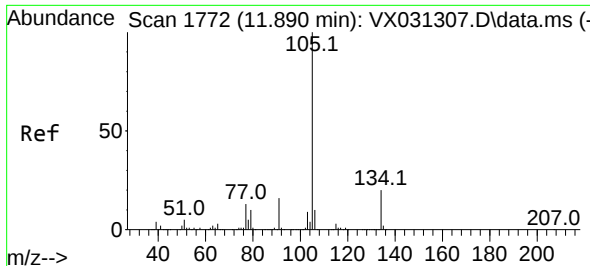
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.803 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

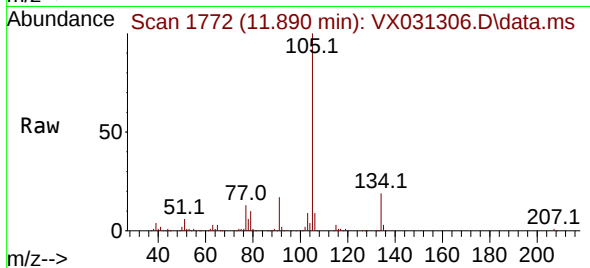
Tgt Ion:105 Resp: 82343
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.911 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35

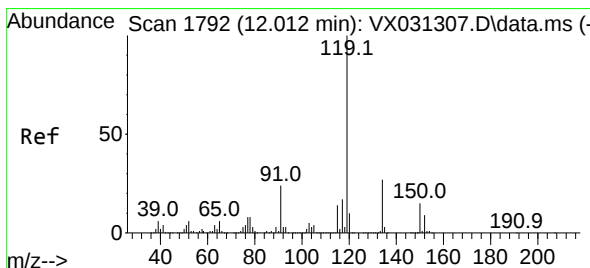
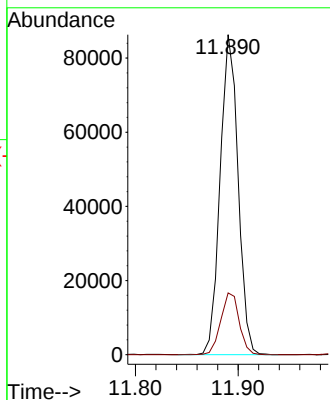
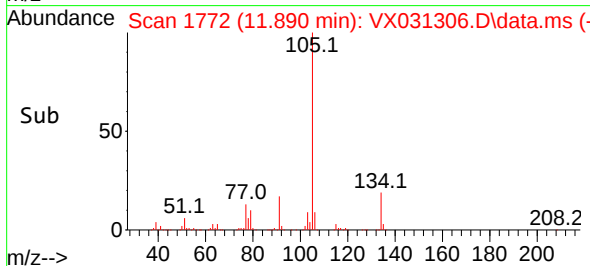
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



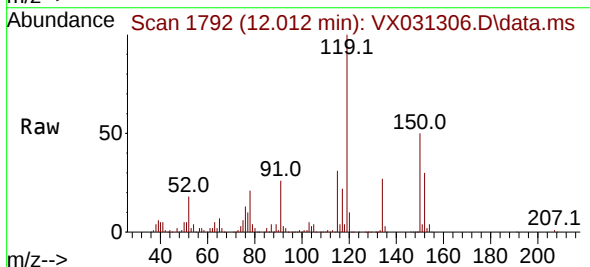
Tgt Ion:105 Resp: 10433
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

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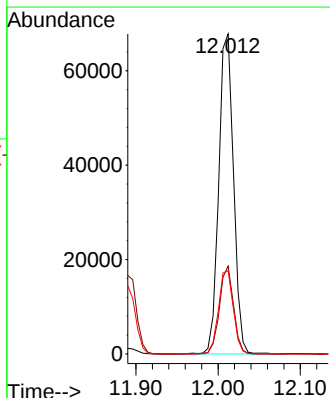
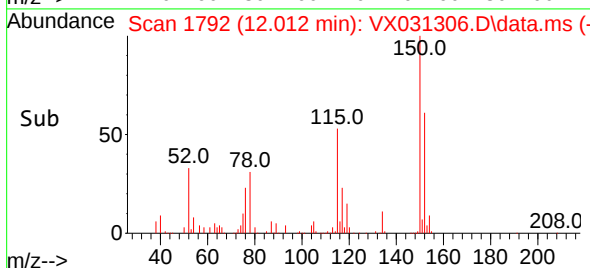
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

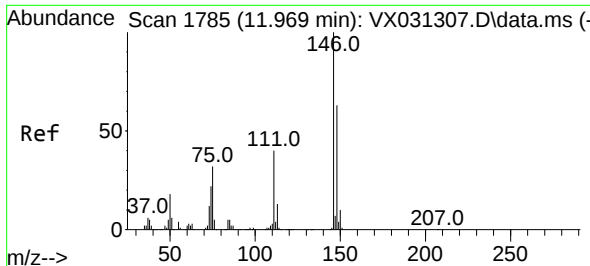


#86
 p-Isopropyltoluene
 Concen: 20.832 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031306.D
 Acq: 14 Sep 2022 13:35



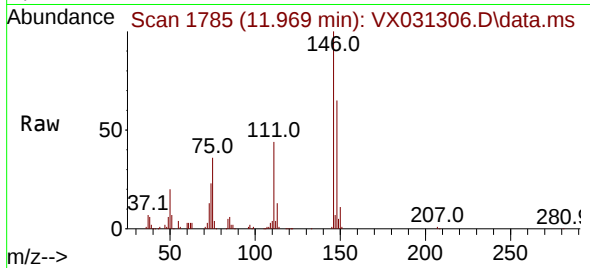
Tgt Ion:119 Resp: 84697
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.2
 91 26.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.935 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

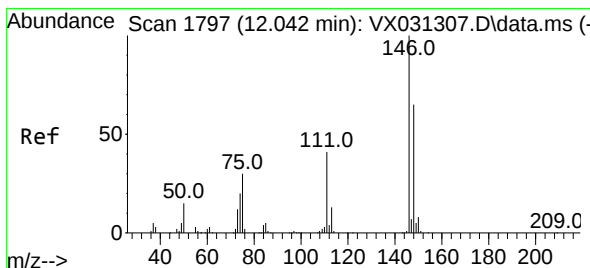
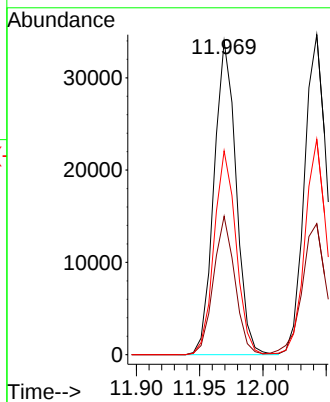
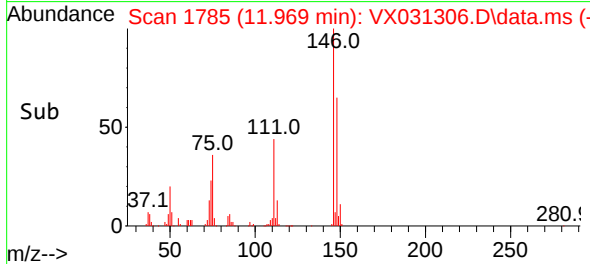
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



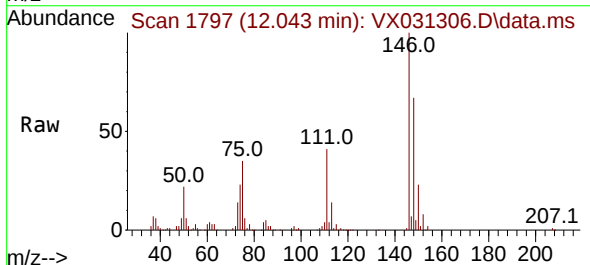
Tgt Ion:146 Resp: 41198
Ion Ratio Lower Upper
146 100
111 42.6 19.8 59.4
148 64.6 31.5 94.5

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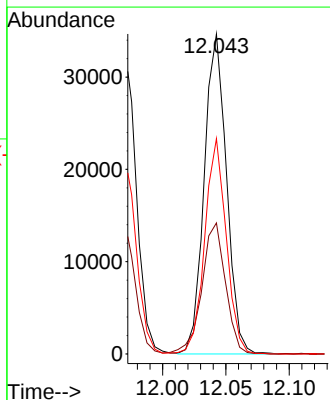
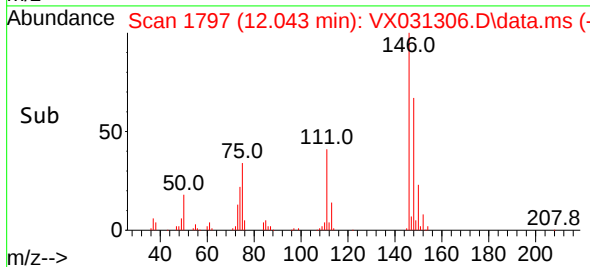
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#88
1,4-Dichlorobenzene
Concen: 20.039 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion:146 Resp: 42559
Ion Ratio Lower Upper
146 100
111 43.5 20.5 61.5
148 64.9 32.0 96.2





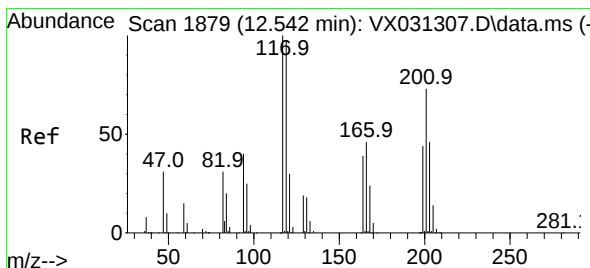
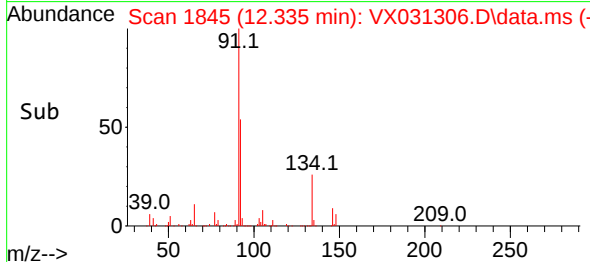
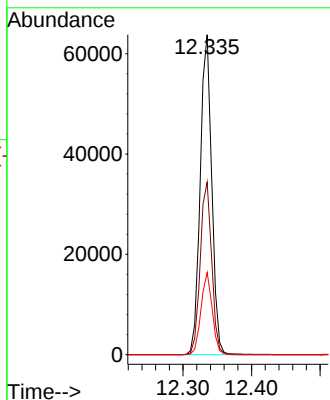
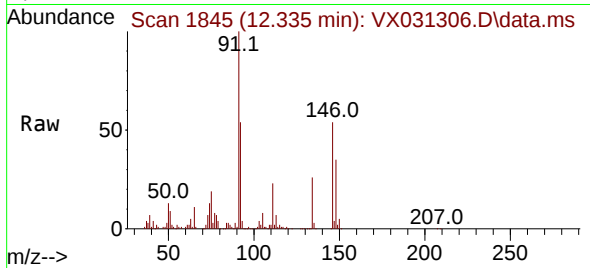
#89
n-Butylbenzene
Concen: 20.738 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 74769
Ion Ratio Lower Upper
91 100
92 53.5 27.0 81.0
134 25.0 13.3 39.9

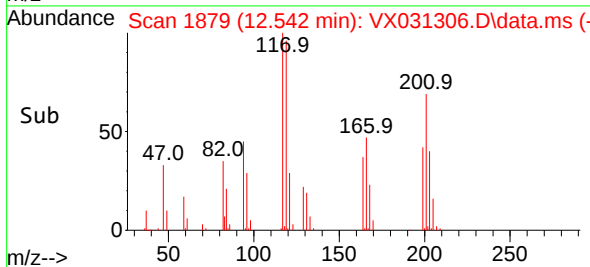
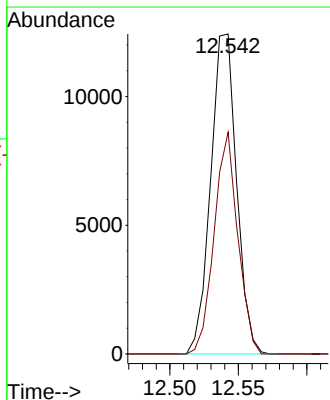
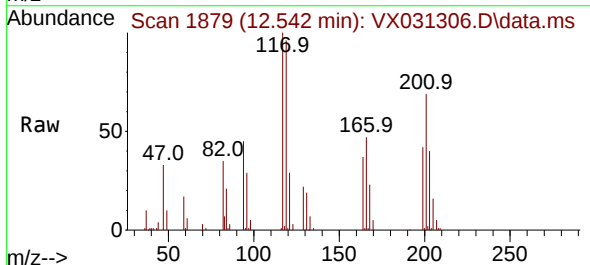
Manual Integrations
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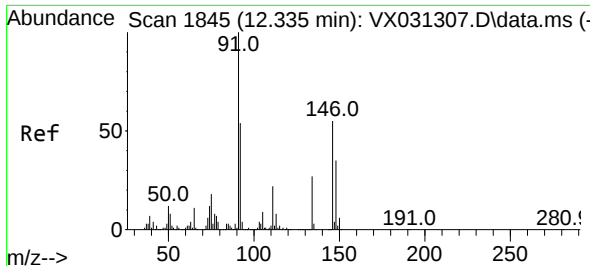
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#90
Hexachloroethane
Concen: 20.170 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

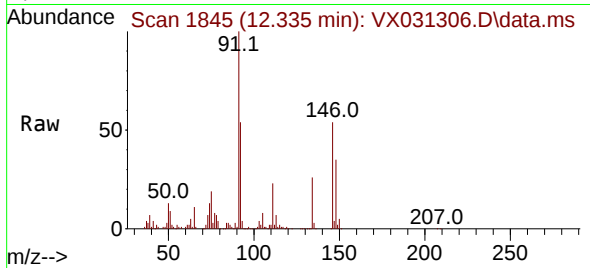
Tgt Ion:117 Resp: 16377
Ion Ratio Lower Upper
117 100
201 63.1 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 20.329 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

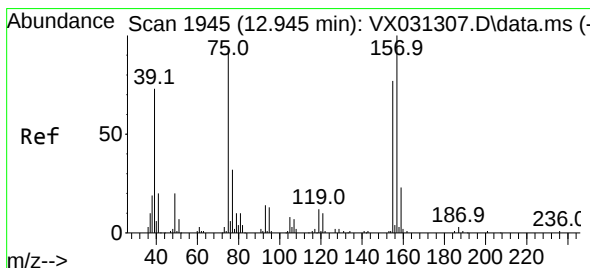
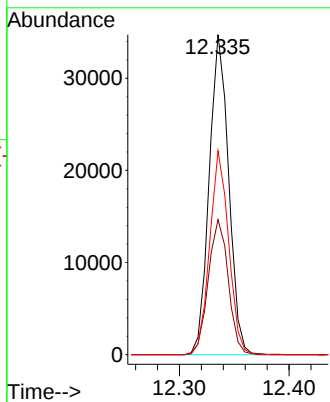
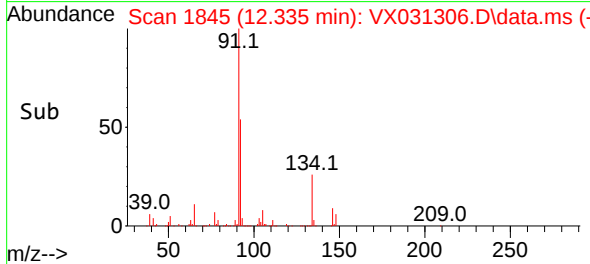
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



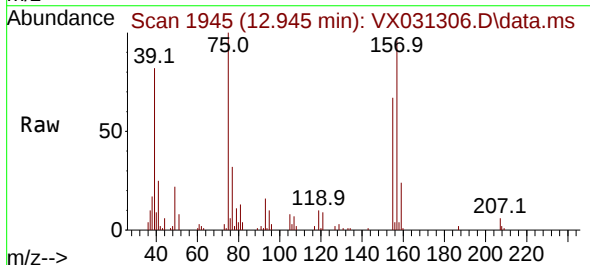
Tgt Ion:146 Resp: 42770
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 62.2 31.6 95.0

Manual Integrations
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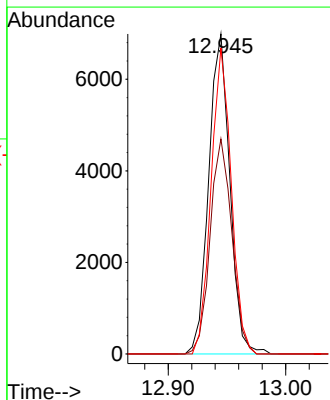
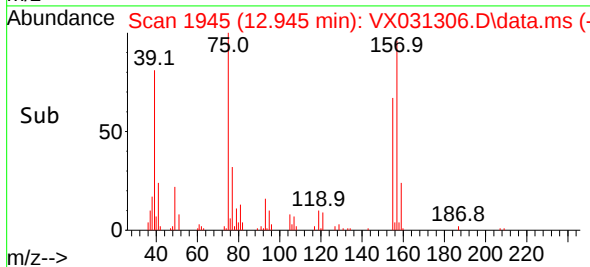
Reviewed By :John Carlone 09/15/2022
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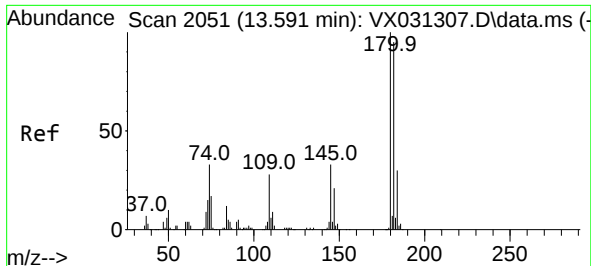


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.319 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



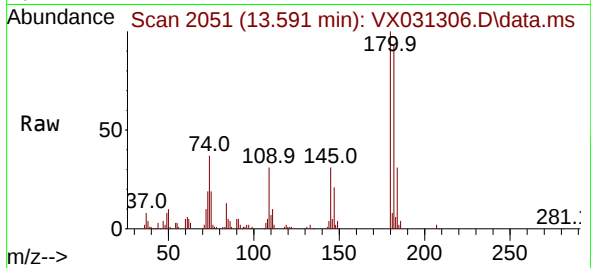
Tgt Ion: 75 Resp: 8726
Ion Ratio Lower Upper
75 100
155 69.2 40.3 120.8
157 91.3 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 19.932 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35

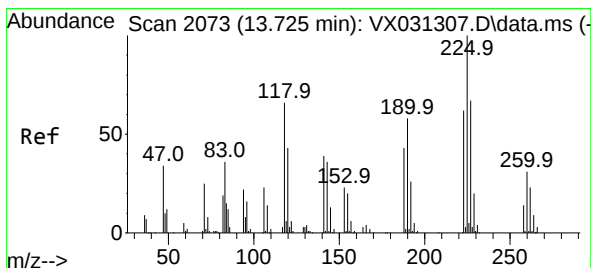
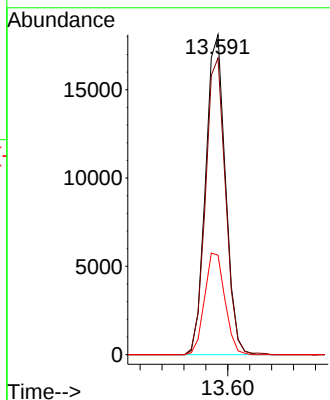
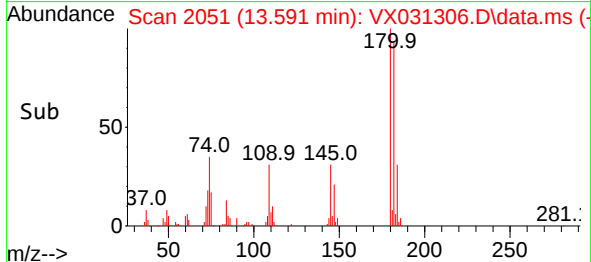
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



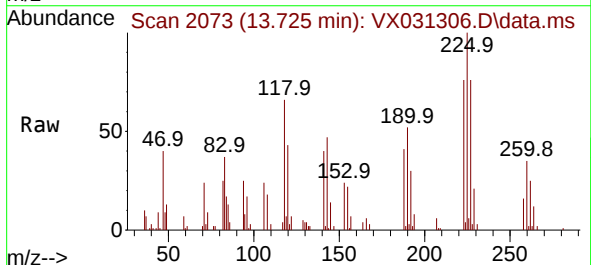
Tgt Ion:180 Resp: 2270
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 32.6 16.7 50.1

Manual Integrations
APPROVED

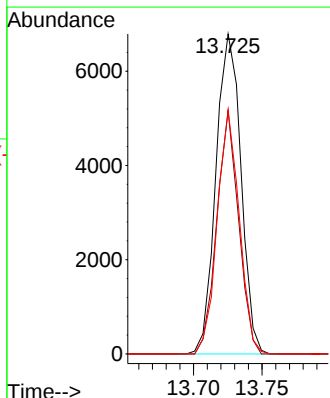
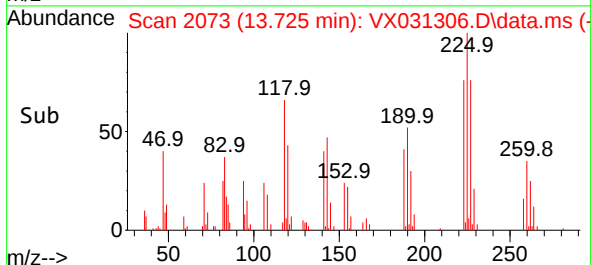
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

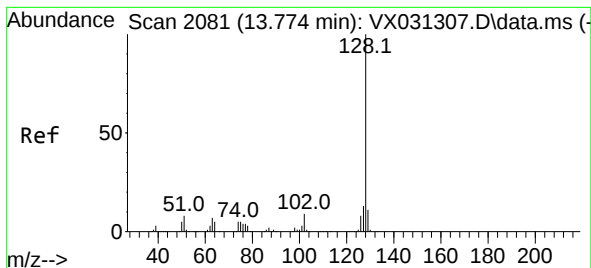


#94
Hexachlorobutadiene
Concen: 19.364 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031306.D
Acq: 14 Sep 2022 13:35



Tgt Ion:225 Resp: 8611
Ion Ratio Lower Upper
225 100
223 66.3 30.8 92.4
227 67.3 32.3 96.9





#95

Naphthalene

Concen: 20.131 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

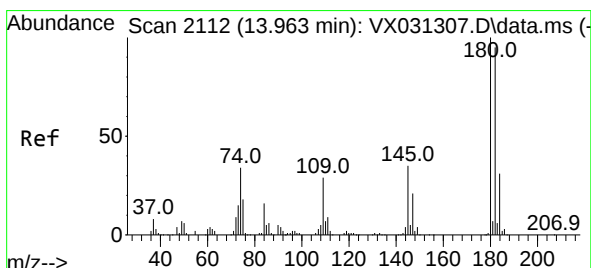
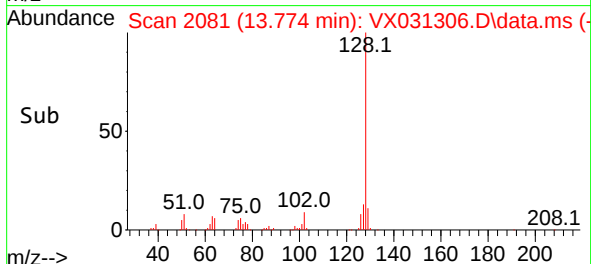
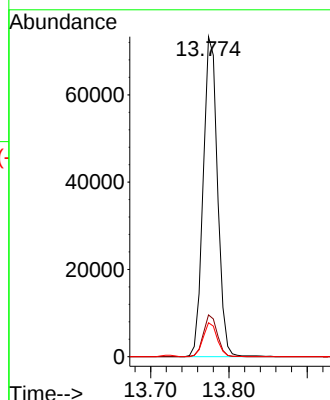
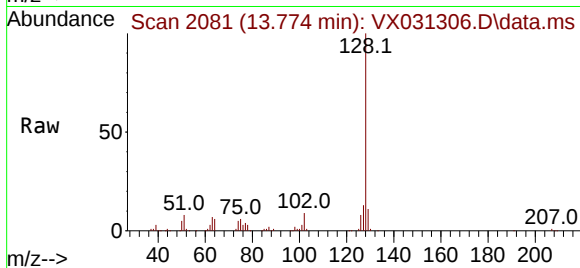
Tgt Ion:	128	Resp:	93170
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.990 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031306.D

Acq: 14 Sep 2022 13:35

Tgt Ion:	180	Resp:	23167
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.8
145	35.1	17.6	52.8

